TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-48312-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
3/8/2012 7:56 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
03/08/2012
Revision: 1

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

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ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Report Narrative 9
Method Summary 10
Method / Analyst Summary 11
Sample Summary 12
Sample Results 13
Sample Datasheets 14
Data Qualifiers 35
QC Results 36
Qc Association Summary 37
Qc Reports 41
Raw Data 50
Client Chain of Custody 448
Sample Receipt Checklist 450

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-48312-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		01/18/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48312
Reviewer Name: TWR	Prep Batch Number(s): 600-69554(W), 69471 and 69818(S)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Were MS/MSD RPDs within laboratory QC limits?		X			3
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			4
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				5
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48312
Reviewer Name: TWR	Prep Batch Number(s): 600-69554(W), 69471 and 69818(S)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			6
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 01/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48312
Reviewer Name: TWR	Prep Batch Number(s): 600-69554(W), 69471 and 69818(S)- ICP

ER #[1]	DESCRIPTION
1	Lead was detected above the MDL, but below the MQL in the prep blank for batch 69471. The level of detection is below the recommended reporting limit and the appropriate flags have been applied.
2	The lead recoveries in samples 48312-6 MS/MSD were below and the lead recoveries in samples 48312-16 MS/MSD were above acceptance limits. The cadmium recoveries in samples 48312-8 MS/MSD were below acceptance limits. All exceptions were due to matrix interference. The lead recoveries in samples 48312-8 MS/MSD could not be evaluated for accuracy since the background sample contained 4X the spiking amount. Method performance is demonstrated by acceptable LCS recoveries.
3	The lead RPD between samples 48312-6 MS and MSD was above acceptance limits due to the non-homogenous nature of the samples.
4	The cadmium and lead RPDs between samples 48312-6/6 MD and samples 48312-16/16 MD were above acceptance limits due to the non-homogenous nature of the samples.
5	The lead SDLs in samples 48312-5 and 18 were elevated due to the high concentrations of this analyte.
6	The lead recovery in sample 48312-6 PDS was below acceptance limits due to matrix interference.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Job Narrative
600-48312-1

Comments
The report was revised on 02/08/12 to include the missing metals raw data for batch 600-69969.

Receipt
Per Sachin, login a MS/MSD for the following sample: 2012 - BY - 1 (0-2') (600-48312-16), 2012 - BY - 1 (0-2') (600-48312-16 MS), 2012 - BY - 1 (0-2') (600-48312-16 MSD).
Since only one container was received, three labels were put on the sample conatiner. One for the MS, one for the MSD and one for the original sample.

All other samples were received in good condition within temperature requirements.

Metals
Method(s) 6010B: These samples were analyzed at a 20x dilution. The raw data shows an @10 at the end of the sample ID by mistake. The analyst immediately corrected upon reporting the data in the LIMS.

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals			SW846 3050B
Percent Moisture	TAL HOU	EPA Moisture	
Matrix: Water			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals			SW846 3010A

Lab References:

TAL HOU = TestAmerica Houston

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Method	Analyst	Analyst ID
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
EPA Moisture	Boza, Michael	MB

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-48312-1	2012 - BSA - 1 (0-2')	Solid	01/04/2012 0936	01/05/2012 0917
600-48312-2	2012 - BSA - 3 (0-2')	Solid	01/04/2012 0952	01/05/2012 0917
600-48312-3	2012 - BSA - 4 (0-2')	Solid	01/04/2012 1004	01/05/2012 0917
600-48312-4	2012 - BSA - 5 (0-2')	Solid	01/04/2012 1015	01/05/2012 0917
600-48312-5	2012 - BSA - 2 (0-2')	Solid	01/04/2012 1027	01/05/2012 0917
600-48312-6	2012 - SDA - 1 (0-2')	Solid	01/04/2012 1114	01/05/2012 0917
600-48312-7	2012 - SDA - 1 (2-4')	Solid	01/04/2012 1120	01/05/2012 0917
600-48312-8	2012 - SDA - 2 (0-2')	Solid	01/04/2012 1132	01/05/2012 0917
600-48312-9	2012 - SDA - 2 (2-4')	Solid	01/04/2012 1140	01/05/2012 0917
600-48312-10	2012 - SDA - 3 (0-2')	Solid	01/04/2012 1147	01/05/2012 0917
600-48312-11	2012 - SDA - 3 (2-4')	Solid	01/04/2012 1152	01/05/2012 0917
600-48312-12	2012 - SDA - 4 (0-2')	Solid	01/04/2012 1340	01/05/2012 0917
600-48312-13	2012 - SDA - 4 (2-4')	Solid	01/04/2012 1345	01/05/2012 0917
600-48312-14	2012 - SDA - 5 (0-2')	Solid	01/04/2012 1354	01/05/2012 0917
600-48312-15	2012 - SDA - 5 (2-2.9')	Solid	01/04/2012 1358	01/05/2012 0917
600-48312-16	2012 - BY - 1 (0-2')	Solid	01/04/2012 1505	01/05/2012 0917
600-48312-16MS	2012 - BY - 1 (0-2')	Solid	01/04/2012 1505	01/05/2012 0917
600-48312-16MSD	2012 - BY - 1 (0-2')	Solid	01/04/2012 1505	01/05/2012 0917
600-48312-17	2012 - BY - 5 (0-2')	Solid	01/04/2012 1518	01/05/2012 0917
600-48312-18	2012 - BY - 4 (0-2')	Solid	01/04/2012 1535	01/05/2012 0917
600-48312-19	2012 - BY - 3 (0-2')	Solid	01/04/2012 1555	01/05/2012 0917
600-48312-20	2012 - BY - 2 (0-2')	Solid	01/04/2012 1610	01/05/2012 0917
600-48312-21	Equipment Blank 1	Water	01/04/2012 1615	01/05/2012 0917

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BSA - 1 (0-2')

Lab Sample ID: 600-48312-1
Client Matrix: Solid

Date Sampled: 01/04/2012 09:36
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	21			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	79			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	5.10			0.0256	0.250	0.0311	mg/Kg	69531	01/06/2012 10:17	1	SRP
Lead	7439-92-1	1250		b	0.105	0.500	0.127	mg/Kg	69531	01/06/2012 10:17	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BSA - 3 (0-2')

Lab Sample ID: 600-48312-2
Client Matrix: Solid

Date Sampled: 01/04/2012 09:52
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	20			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	80			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	95.2			0.0256	0.250	0.0317	mg/Kg	69531	01/06/2012 10:20	1	SRP
Lead	7439-92-1	106		b	0.105	0.500	0.130	mg/Kg	69531	01/06/2012 10:20	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BSA - 4 (0-2')

Lab Sample ID: 600-48312-3
Client Matrix: Solid

Date Sampled: 01/04/2012 10:04
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	22			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	78			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.02			0.0256	0.250	0.0314	mg/Kg	69531	01/06/2012 10:24	1	SRP
Lead	7439-92-1	1090		b	0.105	0.500	0.128	mg/Kg	69531	01/06/2012 10:24	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BSA - 5 (0-2')

Lab Sample ID: 600-48312-4
Client Matrix: Solid

Date Sampled: 01/04/2012 10:15
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	21			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	79			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	13.4			0.0256	0.250	0.0322	mg/Kg	69531	01/06/2012 10:28	1	SRP
Lead	7439-92-1	858		b	0.105	0.500	0.132	mg/Kg	69531	01/06/2012 10:28	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BSA - 2 (0-2')

Lab Sample ID: 600-48312-5
Client Matrix: Solid

Date Sampled: 01/04/2012 10:27
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	13			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	87			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	102			0.0256	0.250	0.0288	mg/Kg	69531	01/06/2012 10:32	1	SRP
Lead	7439-92-1	25900		b	0.105	0.500	2.35	mg/Kg	69583	01/06/2012 15:42	20	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 1 (0-2')

Lab Sample ID: 600-48312-6
Client Matrix: Solid

Date Sampled: 01/04/2012 11:14
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	23			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	77			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.24			0.0256	0.250	0.0330	mg/Kg	69531	01/06/2012 10:36	1	SRP
Lead	7439-92-1	164		b	0.105	0.500	0.135	mg/Kg	69531	01/06/2012 10:36	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 1 (2-4')

Lab Sample ID: 600-48312-7
Client Matrix: Solid

Date Sampled: 01/04/2012 11:20
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	22			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	78			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.0580	J		0.0256	0.250	0.0327	mg/Kg	69531	01/06/2012 11:00	1	SRP
Lead	7439-92-1	32.7		b	0.105	0.500	0.134	mg/Kg	69531	01/06/2012 11:00	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 2 (0-2')

Lab Sample ID: 600-48312-8
Client Matrix: Solid

Date Sampled: 01/04/2012 11:32
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	21			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	79			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	6.95			0.0256	0.250	0.0314	mg/Kg	69531	01/06/2012 11:03	1	SRP
Lead	7439-92-1	1090		b	0.105	0.500	0.128	mg/Kg	69531	01/06/2012 11:03	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 2 (2-4')

Lab Sample ID: 600-48312-9
Client Matrix: Solid

Date Sampled: 01/04/2012 11:40
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	20			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	80			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.258	J		0.0256	0.250	0.0311	mg/Kg	69531	01/06/2012 11:19	1	SRP
Lead	7439-92-1	11.3		b	0.105	0.500	0.127	mg/Kg	69531	01/06/2012 11:19	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 3 (0-2')

Lab Sample ID: 600-48312-10
Client Matrix: Solid

Date Sampled: 01/04/2012 11:47
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	21			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	79			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.983			0.0256	0.250	0.0320	mg/Kg	69531	01/06/2012 11:23	1	SRP
Lead	7439-92-1	73.5		b	0.105	0.500	0.131	mg/Kg	69531	01/06/2012 11:23	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 3 (2-4')

Lab Sample ID: 600-48312-11
Client Matrix: Solid

Date Sampled: 01/04/2012 11:52
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	19			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	81			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.566			0.0256	0.250	0.0304	mg/Kg	69531	01/06/2012 11:27	1	SRP
Lead	7439-92-1	13.3		b	0.105	0.500	0.124	mg/Kg	69531	01/06/2012 11:27	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 4 (0-2')

Lab Sample ID: 600-48312-12
Client Matrix: Solid

Date Sampled: 01/04/2012 13:40
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	14			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	86			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.832			0.0256	0.250	0.0289	mg/Kg	69531	01/06/2012 11:30	1	SRP
Lead	7439-92-1	20.1		b	0.105	0.500	0.118	mg/Kg	69531	01/06/2012 11:30	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 4 (2-4')

Lab Sample ID: 600-48312-13
Client Matrix: Solid

Date Sampled: 01/04/2012 13:45
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	7.3			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	93			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.534			0.0256	0.250	0.0263	mg/Kg	69531	01/06/2012 11:43	1	SRP
Lead	7439-92-1	4.23		b	0.105	0.500	0.108	mg/Kg	69531	01/06/2012 11:43	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 5 (0-2')

Lab Sample ID: 600-48312-14
Client Matrix: Solid

Date Sampled: 01/04/2012 13:54
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	16			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	84			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.05			0.0256	0.250	0.0298	mg/Kg	69531	01/06/2012 11:47	1	SRP
Lead	7439-92-1	90.9		b	0.105	0.500	0.122	mg/Kg	69531	01/06/2012 11:47	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SDA - 5 (2-2.9')

Lab Sample ID: 600-48312-15
Client Matrix: Solid

Date Sampled: 01/04/2012 13:58
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	5.3			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	95			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.358			0.0256	0.250	0.0263	mg/Kg	69531	01/06/2012 11:51	1	SRP
Lead	7439-92-1	3.71		b	0.105	0.500	0.107	mg/Kg	69531	01/06/2012 11:51	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BY - 1 (0-2')

Lab Sample ID: 600-48312-16
Client Matrix: Solid

Date Sampled: 01/04/2012 15:05
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69818	01/12/2012 08:07		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	14			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	86			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.01			0.0256	0.250	0.0284	mg/Kg	69969	01/12/2012 15:20	1	DCL
Lead	7439-92-1	28.4			0.105	0.500	0.116	mg/Kg	69969	01/12/2012 15:20	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BY - 5 (0-2')

Lab Sample ID: 600-48312-17
Client Matrix: Solid

Date Sampled: 01/04/2012 15:18
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	19			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	81			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	5.36			0.0256	0.250	0.0306	mg/Kg	69531	01/06/2012 11:59	1	SRP
Lead	7439-92-1	431		b	0.105	0.500	0.125	mg/Kg	69531	01/06/2012 11:59	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BY - 4 (0-2')

Lab Sample ID: 600-48312-18
Client Matrix: Solid

Date Sampled: 01/04/2012 15:35
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	15			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	85			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	65.9			0.0256	0.250	0.0289	mg/Kg	69531	01/06/2012 12:03	1	SRP
Lead	7439-92-1	47000		b	0.105	0.500	2.36	mg/Kg	69583	01/06/2012 15:46	20	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BY - 3 (0-2')

Lab Sample ID: 600-48312-19
Client Matrix: Solid

Date Sampled: 01/04/2012 15:55
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	14			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	86			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.897			0.0256	0.250	0.0293	mg/Kg	69531	01/06/2012 12:06	1	SRP
Lead	7439-92-1	75.2		b	0.105	0.500	0.120	mg/Kg	69531	01/06/2012 12:06	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - BY - 2 (0-2')

Lab Sample ID: 600-48312-20
Client Matrix: Solid

Date Sampled: 01/04/2012 16:10
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69471	01/05/2012 12:22		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	17			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Percent Solids	STL00234	83			1.0	1.0	1.0	%	69502	01/05/2012 16:47	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	13.0			0.0256	0.250	0.0308	mg/Kg	69531	01/06/2012 12:10	1	SRP
Lead	7439-92-1	1420		b	0.105	0.500	0.126	mg/Kg	69531	01/06/2012 12:10	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48312-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Equipment Blank 1

Lab Sample ID: 600-48312-21
Client Matrix: Water

Date Sampled: 01/04/2012 16:15
Date Received: 01/05/2012 09:17

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69554	01/06/2012 15:00		DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000800	J		0.000350	0.00500	0.000350	mg/L	69734	01/10/2012 09:32	1	DCL
Lead	7439-92-1	0.00650	J		0.00290	0.0100	0.00290	mg/L	69734	01/10/2012 09:32	1	DCL

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48312-1

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.
	F	Duplicate RPD exceeds the control limit
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits
	b	The compound was found in the blank and sample

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-69471					
LCS 600-69471/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-69471/1-A	Method Blank	T	Solid	3050B	
600-48312-1	2012 - BSA - 1 (0-2')	T	Solid	3050B	
600-48312-2	2012 - BSA - 3 (0-2')	T	Solid	3050B	
600-48312-3	2012 - BSA - 4 (0-2')	T	Solid	3050B	
600-48312-4	2012 - BSA - 5 (0-2')	T	Solid	3050B	
600-48312-5	2012 - BSA - 2 (0-2')	T	Solid	3050B	
600-48312-6	2012 - SDA - 1 (0-2')	T	Solid	3050B	
600-48312-6DU	Duplicate	T	Solid	3050B	
600-48312-6MS	Matrix Spike	T	Solid	3050B	
600-48312-6MSD	Matrix Spike Duplicate	T	Solid	3050B	
600-48312-7	2012 - SDA - 1 (2-4')	T	Solid	3050B	
600-48312-8	2012 - SDA - 2 (0-2')	T	Solid	3050B	
600-48312-8DU	Duplicate	T	Solid	3050B	
600-48312-8MS	Matrix Spike	T	Solid	3050B	
600-48312-8MSD	Matrix Spike Duplicate	T	Solid	3050B	
600-48312-9	2012 - SDA - 2 (2-4')	T	Solid	3050B	
600-48312-10	2012 - SDA - 3 (0-2')	T	Solid	3050B	
600-48312-11	2012 - SDA - 3 (2-4')	T	Solid	3050B	
600-48312-12	2012 - SDA - 4 (0-2')	T	Solid	3050B	
600-48312-13	2012 - SDA - 4 (2-4')	T	Solid	3050B	
600-48312-14	2012 - SDA - 5 (0-2')	T	Solid	3050B	
600-48312-15	2012 - SDA - 5 (2-2.9')	T	Solid	3050B	
600-48312-17	2012 - BY - 5 (0-2')	T	Solid	3050B	
600-48312-18	2012 - BY - 4 (0-2')	T	Solid	3050B	
600-48312-19	2012 - BY - 3 (0-2')	T	Solid	3050B	
600-48312-20	2012 - BY - 2 (0-2')	T	Solid	3050B	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:600-69531					
LCS 600-69471/2-A	Lab Control Sample	T	Solid	6010B	600-69471
MB 600-69471/1-A	Method Blank	T	Solid	6010B	600-69471
600-48312-1	2012 - BSA - 1 (0-2')	T	Solid	6010B	600-69471
600-48312-2	2012 - BSA - 3 (0-2')	T	Solid	6010B	600-69471
600-48312-3	2012 - BSA - 4 (0-2')	T	Solid	6010B	600-69471
600-48312-4	2012 - BSA - 5 (0-2')	T	Solid	6010B	600-69471
600-48312-5	2012 - BSA - 2 (0-2')	T	Solid	6010B	600-69471
600-48312-6	2012 - SDA - 1 (0-2')	T	Solid	6010B	600-69471
600-48312-6DU	Duplicate	T	Solid	6010B	600-69471
600-48312-6MS	Matrix Spike	T	Solid	6010B	600-69471
600-48312-6MSD	Matrix Spike Duplicate	T	Solid	6010B	600-69471
600-48312-7	2012 - SDA - 1 (2-4')	T	Solid	6010B	600-69471
600-48312-8	2012 - SDA - 2 (0-2')	T	Solid	6010B	600-69471
600-48312-8DU	Duplicate	T	Solid	6010B	600-69471
600-48312-8MS	Matrix Spike	T	Solid	6010B	600-69471
600-48312-8MSD	Matrix Spike Duplicate	T	Solid	6010B	600-69471
600-48312-9	2012 - SDA - 2 (2-4')	T	Solid	6010B	600-69471
600-48312-10	2012 - SDA - 3 (0-2')	T	Solid	6010B	600-69471
600-48312-11	2012 - SDA - 3 (2-4')	T	Solid	6010B	600-69471
600-48312-12	2012 - SDA - 4 (0-2')	T	Solid	6010B	600-69471
600-48312-13	2012 - SDA - 4 (2-4')	T	Solid	6010B	600-69471
600-48312-14	2012 - SDA - 5 (0-2')	T	Solid	6010B	600-69471
600-48312-15	2012 - SDA - 5 (2-2.9')	T	Solid	6010B	600-69471
600-48312-17	2012 - BY - 5 (0-2')	T	Solid	6010B	600-69471
600-48312-18	2012 - BY - 4 (0-2')	T	Solid	6010B	600-69471
600-48312-19	2012 - BY - 3 (0-2')	T	Solid	6010B	600-69471
600-48312-20	2012 - BY - 2 (0-2')	T	Solid	6010B	600-69471
Prep Batch: 600-69554					
LCS 600-69554/2-A	Lab Control Sample	T	Water	3010A	
MB 600-69554/1-A	Method Blank	T	Water	3010A	
600-48312-21	Equipment Blank 1	T	Water	3010A	
600-48312-21DU	Duplicate	T	Water	3010A	
600-48312-21MS	Matrix Spike	T	Water	3010A	
600-48312-21MSD	Matrix Spike Duplicate	T	Water	3010A	
Analysis Batch:600-69583					
600-48312-5	2012 - BSA - 2 (0-2')	T	Solid	6010B	600-69471
600-48312-18	2012 - BY - 4 (0-2')	T	Solid	6010B	600-69471

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:600-69734					
LCS 600-69554/2-A	Lab Control Sample	T	Water	6010B	600-69554
MB 600-69554/1-A	Method Blank	T	Water	6010B	600-69554
600-48312-21	Equipment Blank 1	T	Water	6010B	600-69554
600-48312-21DU	Duplicate	T	Water	6010B	600-69554
600-48312-21MS	Matrix Spike	T	Water	6010B	600-69554
600-48312-21MSD	Matrix Spike Duplicate	T	Water	6010B	600-69554
Prep Batch: 600-69818					
LCS 600-69818/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-69818/1-A	Method Blank	T	Solid	3050B	
600-48312-16	2012 - BY - 1 (0-2')	T	Solid	3050B	
600-48312-16DU	Duplicate	T	Solid	3050B	
600-48312-16MS	Matrix Spike	T	Solid	3050B	
600-48312-16MSD	Matrix Spike Duplicate	T	Solid	3050B	
Analysis Batch:600-69969					
LCS 600-69818/2-A	Lab Control Sample	T	Solid	6010B	600-69818
MB 600-69818/1-A	Method Blank	T	Solid	6010B	600-69818
600-48312-16	2012 - BY - 1 (0-2')	T	Solid	6010B	600-69818
600-48312-16DU	Duplicate	T	Solid	6010B	600-69818
600-48312-16MS	Matrix Spike	T	Solid	6010B	600-69818
600-48312-16MSD	Matrix Spike Duplicate	T	Solid	6010B	600-69818

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-69502					
600-48312-1	2012 - BSA - 1 (0-2')	T	Solid	Moisture	
600-48312-1DU	Duplicate	T	Solid	Moisture	
600-48312-2	2012 - BSA - 3 (0-2')	T	Solid	Moisture	
600-48312-3	2012 - BSA - 4 (0-2')	T	Solid	Moisture	
600-48312-4	2012 - BSA - 5 (0-2')	T	Solid	Moisture	
600-48312-5	2012 - BSA - 2 (0-2')	T	Solid	Moisture	
600-48312-6	2012 - SDA - 1 (0-2')	T	Solid	Moisture	
600-48312-7	2012 - SDA - 1 (2-4')	T	Solid	Moisture	
600-48312-8	2012 - SDA - 2 (0-2')	T	Solid	Moisture	
600-48312-9	2012 - SDA - 2 (2-4')	T	Solid	Moisture	
600-48312-10	2012 - SDA - 3 (0-2')	T	Solid	Moisture	
600-48312-A-11 DUDU	Duplicate	T	Solid	Moisture	
600-48312-11	2012 - SDA - 3 (2-4')	T	Solid	Moisture	
600-48312-12	2012 - SDA - 4 (0-2')	T	Solid	Moisture	
600-48312-13	2012 - SDA - 4 (2-4')	T	Solid	Moisture	
600-48312-14	2012 - SDA - 5 (0-2')	T	Solid	Moisture	
600-48312-15	2012 - SDA - 5 (2-2.9')	T	Solid	Moisture	
600-48312-16	2012 - BY - 1 (0-2')	T	Solid	Moisture	
600-48312-16MS	Matrix Spike	T	Solid	Moisture	
600-48312-16MSD	Matrix Spike Duplicate	T	Solid	Moisture	
600-48312-17	2012 - BY - 5 (0-2')	T	Solid	Moisture	
600-48312-18	2012 - BY - 4 (0-2')	T	Solid	Moisture	
600-48312-19	2012 - BY - 3 (0-2')	T	Solid	Moisture	
600-48312-20	2012 - BY - 2 (0-2')	T	Solid	Moisture	

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Method Blank - Batch: 600-69471

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-69471/1-A	Analysis Batch:	600-69531	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69471	Lab File ID:	A010612
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/06/2012 1214	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/05/2012 1222				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Lead	0.1385	J	0.105	0.500

Lab Control Sample - Batch: 600-69471

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-69471/2-A	Analysis Batch:	600-69531	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69471	Lab File ID:	A010612
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/06/2012 1218	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/05/2012 1222				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	58.70	83	81 - 119	
Lead	144	125.1	87	79 - 121	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69471

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48312-6	Analysis Batch:	600-69531	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69471	Lab File ID:	A010612
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/06/2012 1044			Final Weight/Volume:	50 mL
Prep Date:	01/05/2012 1222				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48312-6	Analysis Batch:	600-69531	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69471	Lab File ID:	A010612
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	01/06/2012 1056			Final Weight/Volume:	50 mL
Prep Date:	01/05/2012 1222				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	81	80	75 - 125	0	20		
Lead	-12	-137	75 - 125	67	20	N	N

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69471

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48312-8	Analysis Batch:	600-69531	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69471	Lab File ID:	A010612
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	01/06/2012 1111			Final Weight/Volume:	50 mL
Prep Date:	01/05/2012 1222				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48312-8	Analysis Batch:	600-69531	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69471	Lab File ID:	A010612
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	01/06/2012 1115			Final Weight/Volume:	50 mL
Prep Date:	01/05/2012 1222				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	73	70	75 - 125	4	20	N	N
Lead	-200	-232	75 - 125	2	20	4	4

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69471

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48312-6	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	01/06/2012 1044		
Prep Date:	01/05/2012 1222		
Leach Date:	N/A		

MSD Lab Sample ID:	600-48312-6
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	01/06/2012 1056
Prep Date:	01/05/2012 1222
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	1.24	31.2	31.5	26.54		26.42	
Lead	164	62.5	63.1	156.7	N	78.05	N

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69471

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48312-8	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	01/06/2012 1111		
Prep Date:	01/05/2012 1222		
Leach Date:	N/A		

MSD Lab Sample ID:	600-48312-8
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	01/06/2012 1115
Prep Date:	01/05/2012 1222
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	6.95	31.2	30.9	29.62	N	28.47	N
Lead	1090	62.4	61.8	969.8	4	951.3	4

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Duplicate - Batch: 600-69471

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-48312-6	Analysis Batch:	600-69531	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69471	Lab File ID:	A010612
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	01/06/2012 1040	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/05/2012 1222				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cadmium	1.24	0.3262	117	20	F
Lead	164	31.16	136	20	F

Duplicate - Batch: 600-69471

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-48312-8	Analysis Batch:	600-69531	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69471	Lab File ID:	A010612
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	01/06/2012 1107	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/05/2012 1222				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cadmium	6.95	6.356	9	20	
Lead	1090	927.1	17	20	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Method Blank - Batch: 600-69554

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-69554/1-A	Analysis Batch:	600-69734	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69554	Lab File ID:	011012.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 0927	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/06/2012 1500				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-69554

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-69554/2-A	Analysis Batch:	600-69734	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69554	Lab File ID:	011012.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 0930	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/06/2012 1500				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.4924	98	80 - 120	
Lead	1.00	0.9919	99	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69554

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48312-21	Analysis Batch:	600-69734	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69554	Lab File ID:	011012.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 0937			Final Weight/Volume:	50 mL
Prep Date:	01/06/2012 1500				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48312-21	Analysis Batch:	600-69734	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69554	Lab File ID:	011012.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 0940			Final Weight/Volume:	50 mL
Prep Date:	01/06/2012 1500				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	101	99	75 - 125	2	20		
Lead	101	101	75 - 125	1	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69554

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48312-21	Units:	mg/L	MSD Lab Sample ID:	600-48312-21
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/10/2012 0937			Analysis Date:	01/10/2012 0940
Prep Date:	01/06/2012 1500			Prep Date:	01/06/2012 1500
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000800	J	0.500	0.500	0.5057	0.4974
Lead	0.00650	J	1.00	1.00	1.021	1.014

Duplicate - Batch: 600-69554

Method: 6010B
Preparation: 3010A

Lab Sample ID:	600-48312-21	Analysis Batch:	600-69734	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69554	Lab File ID:	011012.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 0935	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/06/2012 1500				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.000800	J	0.000350	NC	20	U
Lead	0.00650	J	0.004100	45	20	J

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Method Blank - Batch: 600-69818

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-69818/1-A	Analysis Batch:	600-69969	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69818	Lab File ID:	B011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/12/2012 1515	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0807				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Lead	0.105	U	0.105	0.500

Lab Control Sample - Batch: 600-69818

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-69818/2-A	Analysis Batch:	600-69969	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69818	Lab File ID:	B011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/12/2012 1518	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0807				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	71.36	101	81 - 119	
Lead	144	139.8	97	79 - 121	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69818

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48312-16	Analysis Batch:	600-69969	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69818	Lab File ID:	B011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/12/2012 1526			Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0807				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48312-16	Analysis Batch:	600-69969	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69818	Lab File ID:	B011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	01/12/2012 1528			Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0807				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	94	111	75 - 125	14	20		
Lead	738	867	75 - 125	13	20	N	N

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69818

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48312-16	Units: mg/Kg	MSD Lab Sample ID:	600-48312-16	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	01/12/2012 1526		Analysis Date:	01/12/2012 1528	
Prep Date:	01/12/2012 0807		Prep Date:	01/12/2012 0807	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	1.01	29.0	28.5	28.25		32.48	
Lead	28.4	58.1	57.0	457.2	N	522.4	N

Duplicate - Batch: 600-69818

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-48312-16	Analysis Batch:	600-69969	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69818	Lab File ID:	B011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	01/12/2012 1523	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0807				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cadmium	1.01	1.599	45	20	F
Lead	28.4	100.6	112	20	F

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Duplicate - Batch: 600-69502

Method: Moisture
Preparation: N/A

Lab Sample ID:	600-48312-1	Analysis Batch:	600-69502	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/05/2012 1647	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	21	20	6.00		
Percent Solids	79	80	2.00		

Duplicate - Batch: 600-69502

Method: Moisture
Preparation: N/A

Lab Sample ID:	600-48312-A-11 DU	Analysis Batch:	600-69502	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/05/2012 1647	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture		19			
Percent Solids		81			

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012 - BSA - 1 (0-2')	600-48312-1
2012 - BSA - 3 (0-2')	600-48312-2
2012 - BSA - 4 (0-2')	600-48312-3
2012 - BSA - 5 (0-2')	600-48312-4
2012 - BSA - 2 (0-2')	600-48312-5
2012 - SDA - 1 (0-2')	600-48312-6
2012 - SDA - 1 (2-4')	600-48312-7
2012 - SDA - 2 (0-2')	600-48312-8
2012 - SDA - 2 (2-4')	600-48312-9
2012 - SDA - 3 (0-2')	600-48312-10
2012 - SDA - 3 (2-4')	600-48312-11
2012 - SDA - 4 (0-2')	600-48312-12
2012 - SDA - 4 (2-4')	600-48312-13
2012 - SDA - 5 (0-2')	600-48312-14
2012 - SDA - 5 (2-2.9')	600-48312-15
2012 - BY - 1 (0-2')	600-48312-16
2012 - BY - 5 (0-2')	600-48312-17
2012 - BY - 4 (0-2')	600-48312-18
2012 - BY - 3 (0-2')	600-48312-19
2012 - BY - 2 (0-2')	600-48312-20
Equipment Blank 1	600-48312-21

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BSA - 1 (0-2') Lab Sample ID: 600-48312-1

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG ID.:

Matrix: Solid Date Sampled: 01/04/2012 09:36

Reporting Basis: DRY Date Received: 01/05/2012 09:17

% Solids: 79.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	5.10	0.304	0.0311	mg/Kg			1	6010B
7439-92-1	Lead	1250	0.607	0.127	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BSA - 3 (0-2') Lab Sample ID: 600-48312-2

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG ID.:

Matrix: Solid Date Sampled: 01/04/2012 09:52

Reporting Basis: DRY Date Received: 01/05/2012 09:17

% Solids: 80.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	95.2	0.309	0.0317	mg/Kg			1	6010B
7439-92-1	Lead	106	0.619	0.130	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BSA - 4 (0-2') Lab Sample ID: 600-48312-3

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG ID.:

Matrix: Solid Date Sampled: 01/04/2012 10:04

Reporting Basis: DRY Date Received: 01/05/2012 09:17

% Solids: 78.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.02	0.306	0.0314	mg/Kg			1	6010B
7439-92-1	Lead	1090	0.613	0.128	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BSA - 5 (0-2')
Lab Sample ID: 600-48312-4
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 10:15
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 78.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	13.4	0.314	0.0322	mg/Kg			1	6010B
7439-92-1	Lead	858	0.628	0.132	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BSA - 2 (0-2')
Lab Sample ID: 600-48312-5
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 10:27
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 87.4

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	102	0.280	0.0288	mg/Kg			1	6010B
7439-92-1	Lead	25900	11.2	2.35	mg/Kg		b	20	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 1 (0-2')
Lab Sample ID: 600-48312-6
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 11:14
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 77.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.24	0.322	0.0330	mg/Kg			1	6010B
7439-92-1	Lead	164	0.643	0.135	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 1 (2-4')
Lab Sample ID: 600-48312-7
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 11:20
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 78.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0580	0.319	0.0327	mg/Kg	J		1	6010B
7439-92-1	Lead	32.7	0.637	0.134	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 2 (0-2')
Lab Sample ID: 600-48312-8
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 11:32
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 79.4

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	6.95	0.306	0.0314	mg/Kg			1	6010B
7439-92-1	Lead	1090	0.612	0.128	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 2 (2-4')
Lab Sample ID: 600-48312-9
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 11:40
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 80.1

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.258	0.303	0.0311	mg/Kg	J		1	6010B
7439-92-1	Lead	11.3	0.606	0.127	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 3 (0-2') Lab Sample ID: 600-48312-10

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG ID.:

Matrix: Solid Date Sampled: 01/04/2012 11:47

Reporting Basis: DRY Date Received: 01/05/2012 09:17

% Solids: 79.3

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.983	0.312	0.0320	mg/Kg			1	6010B
7439-92-1	Lead	73.5	0.624	0.131	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 3 (2-4')
Lab Sample ID: 600-48312-11
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 11:52
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 81.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.566	0.297	0.0304	mg/Kg			1	6010B
7439-92-1	Lead	13.3	0.593	0.124	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 4 (0-2')
Lab Sample ID: 600-48312-12
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 13:40
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 86.3

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.832	0.281	0.0289	mg/Kg			1	6010B
7439-92-1	Lead	20.1	0.563	0.118	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 4 (2-4')
Lab Sample ID: 600-48312-13
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 13:45
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 92.7

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.534	0.257	0.0263	mg/Kg			1	6010B
7439-92-1	Lead	4.23	0.513	0.108	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 5 (0-2')
Lab Sample ID: 600-48312-14
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 13:54
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 84.3

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.05	0.291	0.0298	mg/Kg			1	6010B
7439-92-1	Lead	90.9	0.582	0.122	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SDA - 5 (2-2.9')
Lab Sample ID: 600-48312-15
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 13:58
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 94.7

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.358	0.256	0.0263	mg/Kg			1	6010B
7439-92-1	Lead	3.71	0.513	0.107	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BY - 1 (0-2')
Lab Sample ID: 600-48312-16
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 15:05
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 86.1

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.01	0.277	0.0284	mg/Kg			1	6010B
7439-92-1	Lead	28.4	0.553	0.116	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BY - 5 (0-2')
Lab Sample ID: 600-48312-17
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 15:18
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 80.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	5.36	0.298	0.0306	mg/Kg			1	6010B
7439-92-1	Lead	431	0.596	0.125	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BY - 4 (0-2')
Lab Sample ID: 600-48312-18
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 15:35
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 84.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	65.9	0.281	0.0289	mg/Kg			1	6010B
7439-92-1	Lead	47000	11.3	2.36	mg/Kg		b	20	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BY - 3 (0-2') Lab Sample ID: 600-48312-19

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG ID.:

Matrix: Solid Date Sampled: 01/04/2012 15:55

Reporting Basis: DRY Date Received: 01/05/2012 09:17

% Solids: 85.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.897	0.286	0.0293	mg/Kg			1	6010B
7439-92-1	Lead	75.2	0.571	0.120	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - BY - 2 (0-2')
Lab Sample ID: 600-48312-20
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/04/2012 16:10
Reporting Basis: DRY
Date Received: 01/05/2012 09:17
% Solids: 82.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	13.0	0.300	0.0308	mg/Kg			1	6010B
7439-92-1	Lead	1420	0.600	0.126	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Equipment Blank 1 Lab Sample ID: 600-48312-21

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG ID.:

Matrix: Water Date Sampled: 01/04/2012 16:15

Reporting Basis: WET Date Received: 01/05/2012 09:17

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000800	0.00500	0.000350	mg/L	J		1	6010B
7439-92-1	Lead	0.00650	0.0100	0.00290	mg/L	J		1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	ICV 600-69734/9 01/10/2012 08:24				CCV 600-69734/27 01/10/2012 09:11				CCV 600-69734/40 01/10/2012 09:45			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4961		0.500	99	0.4997		0.500	100	0.5033		0.500	101
Lead	0.4914		0.500	98	0.4982		0.500	100	0.5084		0.500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	CCV 600-69734/53 01/10/2012 10:20				CCV 600-69734/63 01/10/2012 10:47							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5168		0.500	103	0.5166		0.500	103				
Lead	0.5313		0.500	106	0.5320		0.500	106				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	ICV 600-69969/9 01/12/2012 14:05				CCV 600-69969/14 01/12/2012 14:18				CCV 600-69969/27 01/12/2012 15:41			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4910		0.500	98	0.4952		0.500	99	0.4749		0.500	95
Lead	0.4901		0.500	98	0.4806		0.500	96	0.4748		0.500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	CCV 600-69969/40 01/12/2012 16:16				CCV 600-69969/44 01/12/2012 16:26							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4937		0.500	99	0.4862		0.500	97				
Lead	0.4932		0.500	99	0.4789		0.500	96				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

ICV Source: MET1211CCV_00003 Concentration Units: mg/L

CCV Source: MET1211CCV_00003

Analyte	ICV 600-69531/4 01/06/2012 07:39				CCV 600-69531/40 01/06/2012 09:59				CCV 600-69531/52 01/06/2012 10:47			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4933		0.500	99	0.4768		0.500	95	0.4846		0.500	97
Lead	0.4936		0.500	99	0.4694		0.500	94	0.4761		0.500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

ICV Source: MET1211CCV_00003 Concentration Units: mg/L

CCV Source: MET1211CCV_00003

Analyte	CCV 600-69531/64 01/06/2012 11:34				CCV 600-69531/76 01/06/2012 12:22				CCV 600-69531/87 01/06/2012 13:05			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4815		0.500	96	0.4851		0.500	97	0.4790		0.500	96
Lead	0.4665		0.500	93	0.4664		0.500	93	0.4540		0.500	91

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

ICV Source: MET1211CCV_00003 Concentration Units: mg/L

CCV Source: MET1211CCV_00003

Analyte	ICV 600-69583/4 01/06/2012 14:04				CCV 600-69583/21 01/06/2012 15:11				CCV 600-69583/31 01/06/2012 15:50			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.4924		0.500	98	0.4976		0.500	100	0.4926		0.500	99
Cadmium	0.4944		0.500	99	0.5025		0.500	101	0.4976		0.500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-69531/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005200		104	0-500
Lead	0.0100	0.009390	J	94	0-500

Lab Sample ID: CRI 600-69531/89 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.004910	J	98	0-500
Lead	0.0100	0.01068		107	0-500

Lab Sample ID: CRI 600-69583/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005180		104	0-500
Lead	0.0100	0.01025		103	0-500

Lab Sample ID: CRI 600-69583/33 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005240		105	0-500
Lead	0.0100	0.009460	J	95	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69734/11 01/10/2012 08:29		CCB 600-69734/29 01/10/2012 09:16		CCB 600-69734/42 01/10/2012 09:50		CCB 600-69734/55 01/10/2012 10:25	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-69734/65 01/10/2012 10:52							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69969/11 01/12/2012 14:11		CCB 600-69969/16 01/12/2012 14:23		CCB 600-69969/29 01/12/2012 15:46		CCB 600-69969/42 01/12/2012 16:21	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-69969/46 01/12/2012 16:31							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69531/5 01/06/2012 07:43		CCB 600-69531/41 01/06/2012 10:03		CCB 600-69531/53 01/06/2012 10:51		CCB 600-69531/65 01/06/2012 11:38	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-69531/77 01/06/2012 12:26		CCB 600-69531/88 01/06/2012 13:09					
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U				
Lead	0.0100	0.00290	U	0.00290	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69583/5 01/06/2012 14:08		CCB 600-69583/22 01/06/2012 15:14		CCB 600-69583/32 01/06/2012 15:54			
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U		
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-69471/1-A

Instrument Code: TJA1 Batch No.: 69531

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.1385	J		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-69554/1-A

Instrument Code: Thermo6500 Batch No.: 69734

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.00290	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-69818/1-A

Instrument Code: Thermo6500 Batch No.: 69969

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.105	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSA 600-69734/12 Instrument ID: Thermo6500

Lab File ID: 011012.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0002**	
Lead		**-0.0095**	
Aluminum	*500*	*521*	*104*
Antimony		*-0.0011*	
Arsenic		*-0.0028*	
Barium		*0.0007*	
Beryllium		*0.0000*	
Boron		*0.0017*	
Calcium	*500*	*517*	*103*
Chromium		*0.0020*	
Cobalt		*0.0001*	
Copper		*0.0032*	
Iron	*200*	*201*	*100*
Lithium		*0.0073*	
Magnesium	*500*	*588*	*118*
Manganese		*-0.0057*	
Molybdenum		*-0.0002*	
Nickel		*0.0036*	
Potassium		*0.0905*	
Selenium		*-0.0005*	
Silicon		*-0.0032*	
Silver		*-0.0007*	
Sodium		*0.0198*	
Strontium		*0.0026*	
Thallium		*-0.0047*	
Tin		*0.0015*	
Titanium		*0.0020*	
Vanadium		*-0.0030*	
Zinc		*0.0043*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSAB 600-69734/13 Instrument ID: Thermo6500

Lab File ID: 011012.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.513**	**103**
Lead	**1.00**	**0.962**	**96**
Aluminum	*510*	*540*	*106*
Antimony	*1.00*	*0.963*	*96*
Arsenic	*1.00*	*1.01*	*101*
Barium	*1.00*	*1.12*	*112*
Beryllium	*0.500*	*0.536*	*107*
Boron	*1.00*	*1.10*	*110*
Calcium	*510*	*523*	*103*
Chromium	*1.00*	*0.936*	*94*
Cobalt	*1.00*	*1.00*	*100*
Copper	*1.00*	*1.05*	*105*
Iron	*210*	*209*	*100*
Lithium	*1.00*	*1.09*	*109*
Magnesium	*510*	*603*	*118*
Manganese	*1.00*	*0.928*	*93*
Molybdenum	*1.00*	*0.920*	*92*
Nickel	*1.00*	*0.984*	*98*
Potassium	*10.0*	*11.3*	*113*
Selenium	*1.00*	*0.997*	*100*
Silicon	*1.00*	*0.943*	*94*
Silver	*0.500*	*0.554*	*111*
Sodium	*10.0*	*11.0*	*110*
Strontium	*0.500*	*0.553*	*111*
Thallium	*1.00*	*0.918*	*92*
Tin	*1.00*	*0.999*	*100*
Titanium	*1.00*	*0.971*	*97*
Vanadium	*1.00*	*0.948*	*95*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSA 600-69734/72 Instrument ID: Thermo6500

Lab File ID: 011012.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0001**	
Lead		**-0.0201**	
Aluminum	*500*	*563*	*113*
Antimony		*-0.0042*	
Arsenic		*0.0002*	
Barium		*0.0003*	
Beryllium		*-0.0001*	
Boron		*0.0042*	
Calcium	*500*	*542*	*108*
Chromium		*0.0020*	
Cobalt		*-0.0001*	
Copper		*0.0079*	
Iron	*200*	*203*	*101*
Lithium		*0.0087*	
Magnesium	*500*	*556*	*111*
Manganese		*-0.0054*	
Molybdenum		*-0.0017*	
Nickel		*0.0024*	
Potassium		*-0.0054*	
Selenium		*0.0010*	
Silicon		*0.0032*	
Silver		*0.0000*	
Sodium		*0.0306*	
Strontium		*0.0028*	
Thallium		*-0.0061*	
Tin		*0.0020*	
Titanium		*0.0029*	
Vanadium		*-0.0054*	
Zinc		*0.0044*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSAB 600-69734/73 Instrument ID: Thermo6500

Lab File ID: 011012.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Cadmium	**0.500**	**0.539**	**108**
Lead	**1.00**	**1.02**	**102**
Aluminum	*510*	*558*	*109*
Antimony	*1.00*	*1.01*	*101*
Arsenic	*1.00*	*1.14*	*114*
Barium	*1.00*	*1.12*	*112*
Beryllium	*0.500*	*0.520*	*104*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*532*	*104*
Chromium	*1.00*	*0.984*	*98*
Cobalt	*1.00*	*1.01*	*101*
Copper	*1.00*	*1.18*	*118*
Iron	*210*	*205*	*97*
Lithium	*1.00*	*1.23*	*123*
Magnesium	*510*	*553*	*108*
Manganese	*1.00*	*0.842*	*84*
Molybdenum	*1.00*	*0.903*	*90*
Nickel	*1.00*	*0.919*	*92*
Potassium	*10.0*	*11.6*	*116*
Selenium	*1.00*	*0.983*	*98*
Silicon	*1.00*	*0.871*	*87*
Silver	*0.500*	*0.510*	*102*
Sodium	*10.0*	*11.7*	*117*
Strontium	*0.500*	*0.595*	*119*
Thallium	*1.00*	*0.888*	*89*
Tin	*1.00*	*0.950*	*95*
Titanium	*1.00*	*0.920*	*92*
Vanadium	*1.00*	*0.918*	*92*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSA 600-69969/12 Instrument ID: Thermo6500

Lab File ID: B011212.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0168**	
Aluminum	*500*	*529*	*106*
Antimony		*-0.0067*	
Arsenic		*-0.0003*	
Barium		*0.0001*	
Beryllium		*0.0000*	
Boron		*0.0035*	
Calcium	*500*	*518*	*104*
Chromium		*0.0022*	
Cobalt		*0.0002*	
Copper		*0.0033*	
Iron	*200*	*202*	*101*
Lithium		*0.0096*	
Magnesium	*500*	*587*	*117*
Manganese		*-0.0054*	
Molybdenum		*-0.0011*	
Nickel		*0.0055*	
Potassium		*0.0019*	
Selenium		*0.0003*	
Silicon		*-0.0050*	
Silver		*0.0003*	
Sodium		*0.0264*	
Strontium		*0.0024*	
Thallium		*-0.0025*	
Tin		*0.0025*	
Titanium		*0.0027*	
Vanadium		*-0.0060*	
Zinc		*0.0042*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSAB 600-69969/13 Instrument ID: Thermo6500

Lab File ID: B011212.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.518**	**104**
Lead	**1.00**	**0.956**	**96**
Aluminum	*510*	*556*	*109*
Antimony	*1.00*	*0.971*	*97*
Arsenic	*1.00*	*1.01*	*101*
Barium	*1.00*	*1.15*	*115*
Beryllium	*0.500*	*0.545*	*109*
Boron	*1.00*	*1.13*	*113*
Calcium	*510*	*535*	*105*
Chromium	*1.00*	*0.942*	*94*
Cobalt	*1.00*	*1.01*	*101*
Copper	*1.00*	*1.05*	*105*
Iron	*210*	*214*	*102*
Lithium	*1.00*	*1.13*	*113*
Magnesium	*510*	*615*	*121*
Manganese	*1.00*	*0.925*	*92*
Molybdenum	*1.00*	*0.922*	*92*
Nickel	*1.00*	*0.990*	*99*
Potassium	*10.0*	*11.8*	*118*
Selenium	*1.00*	*1.00*	*100*
Silicon	*1.00*	*1.02*	*102*
Silver	*0.500*	*0.550*	*110*
Sodium	*10.0*	*11.4*	*114*
Strontium	*0.500*	*0.563*	*113*
Thallium	*1.00*	*0.934*	*93*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*0.977*	*98*
Vanadium	*1.00*	*0.949*	*95*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSA 600-69969/58 Instrument ID: Thermo6500

Lab File ID: B011212.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0268**	
Aluminum	*500*	*578*	*116*
Antimony		*-0.0052*	
Arsenic		*-0.0015*	
Barium		*0.0001*	
Beryllium		*0.0001*	
Boron		*0.0052*	
Calcium	*500*	*543*	*109*
Chromium		*0.0022*	
Cobalt		*0.0003*	
Copper		*0.0034*	
Iron	*200*	*199*	*100*
Lithium		*0.0111*	
Magnesium	*500*	*571*	*114*
Manganese		*-0.0053*	
Molybdenum		*-0.0001*	
Nickel		*0.0054*	
Potassium		*0.0116*	
Selenium		*-0.0005*	
Silicon		*0.0040*	
Silver		*0.0004*	
Sodium		*0.0891*	
Strontium		*0.0026*	
Thallium		*-0.0071*	
Tin		*0.0016*	
Titanium		*0.0028*	
Vanadium		*-0.0059*	
Zinc		*0.0044*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSA 600-69531/7 Instrument ID: TJA1

Lab File ID: A010612 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0033**	
Lead		**0.0085**	
Aluminum	*500*	*502*	*100*
Antimony		*-0.0010*	
Arsenic		*0.0025*	
Barium		*0.0017*	
Beryllium		*-0.0002*	
Boron		*-0.0005*	
Calcium	*500*	*449*	*90*
Chromium		*0.0012*	
Cobalt		*-0.0002*	
Copper		*0.0133*	
Iron	*200*	*190*	*95*
Lithium		*0.0046*	
Magnesium	*500*	*507*	*101*
Manganese		*-0.0076*	
Molybdenum		*-0.0001*	
Nickel		*0.0009*	
Potassium		*0.119*	
Selenium		*-0.0116*	
Silicon		*0.0170*	
Silver		*-0.0005*	
Sodium		*0.169*	
Strontium		*-0.0088*	
Thallium		*-0.0115*	
Tin		*0.0012*	
Titanium		*-0.0026*	
Vanadium		*0.0037*	
Zinc		*0.0014*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSAB 600-69531/8 Instrument ID: TJA1

Lab File ID: A010612 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.464**	**93**
Lead	**1.00**	**0.947**	**95**
Aluminum	*510*	*505*	*99*
Antimony	*1.00*	*1.00*	*100*
Arsenic	*1.00*	*0.995*	*99*
Barium	*1.00*	*1.01*	*101*
Beryllium	*0.500*	*0.476*	*95*
Boron	*1.00*	*1.02*	*102*
Calcium	*510*	*449*	*88*
Chromium	*1.00*	*0.935*	*94*
Cobalt	*1.00*	*0.911*	*91*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*197*	*94*
Lithium	*1.00*	*1.23*	*123*
Magnesium	*510*	*509*	*100*
Manganese	*1.00*	*0.930*	*93*
Molybdenum	*1.00*	*0.962*	*96*
Nickel	*1.00*	*0.913*	*91*
Potassium	*10.0*	*13.9*	*139*
Selenium	*1.00*	*0.977*	*98*
Silicon	*1.00*	*0.953*	*95*
Silver	*0.500*	*0.523*	*105*
Sodium	*10.0*	*13.7*	*137*
Strontium	*0.500*	*0.489*	*98*
Thallium	*1.00*	*0.939*	*94*
Tin	*1.00*	*0.964*	*96*
Titanium	*1.00*	*0.967*	*97*
Vanadium	*1.00*	*0.961*	*96*
Zinc	*1.00*	*0.984*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSA 600-69531/90 Instrument ID: TJA1

Lab File ID: A010612 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0026**	
Lead		**0.0096**	
Aluminum	*500*	*460*	*92*
Antimony		*0.0005*	
Arsenic		*0.0005*	
Barium		*0.0016*	
Beryllium		*-0.0012*	
Boron		*-0.0018*	
Calcium	*500*	*401*	*80*
Chromium		*0.0010*	
Cobalt		*0.0002*	
Copper		*0.0090*	
Iron	*200*	*174*	*87*
Lithium		*0.0041*	
Magnesium	*500*	*435*	*87*
Manganese		*-0.0063*	
Molybdenum		*0.0000*	
Nickel		*0.0014*	
Potassium		*-0.204*	
Selenium		*-0.0156*	
Silicon		*-0.0054*	
Silver		*-0.0009*	
Sodium		*0.152*	
Strontium		*-0.0077*	
Thallium		*0.0136*	
Tin		*-0.0005*	
Titanium		*-0.0023*	
Vanadium		*0.0047*	
Zinc		*-0.0002*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSAB 600-69531/91 Instrument ID: TJA1

Lab File ID: A010612 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.453**	**91**
Lead	**1.00**	**0.877**	**88**
Aluminum	*510*	*474*	*93*
Antimony	*1.00*	*0.998*	*100*
Arsenic	*1.00*	*0.967*	*97*
Barium	*1.00*	*1.04*	*104*
Beryllium	*0.500*	*0.407*	*81*
Boron	*1.00*	*1.00*	*100*
Calcium	*510*	*414*	*81*
Chromium	*1.00*	*0.828*	*83*
Cobalt	*1.00*	*0.794*	*79*
Copper	*1.00*	*0.983*	*98*
Iron	*210*	*185*	*88*
Lithium	*1.00*	*1.30*	*130*
Magnesium	*510*	*450*	*88*
Manganese	*1.00*	*0.849*	*85*
Molybdenum	*1.00*	*0.913*	*91*
Nickel	*1.00*	*1.01*	*101*
Potassium	*10.0*	*14.6*	*146*
Selenium	*1.00*	*0.909*	*91*
Silicon	*1.00*	*0.864*	*86*
Silver	*0.500*	*0.494*	*99*
Sodium	*10.0*	*14.3*	*143*
Strontium	*0.500*	*0.506*	*101*
Thallium	*1.00*	*0.981*	*98*
Tin	*1.00*	*0.864*	*86*
Titanium	*1.00*	*0.931*	*93*
Vanadium	*1.00*	*0.880*	*88*
Zinc	*1.00*	*0.943*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSA 600-69583/7 Instrument ID: TJA1

Lab File ID: B010612 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0117**	
Aluminum	*500*	*485*	*97*
Antimony		*-0.0030*	
Arsenic		*0.0011*	
Barium		*0.0017*	
Beryllium		*-0.0001*	
Boron		*-0.0010*	
Cadmium		*0.0058*	
Calcium	*500*	*441*	*88*
Chromium		*0.0014*	
Cobalt		*0.0003*	
Copper		*0.0123*	
Iron	*200*	*187*	*93*
Lithium		*0.0045*	
Magnesium	*500*	*494*	*99*
Manganese		*-0.0076*	
Molybdenum		*-0.0017*	
Nickel		*0.0012*	
Potassium		*0.0097*	
Selenium		*-0.0120*	
Silicon		*0.0106*	
Silver		*-0.0006*	
Sodium		*0.164*	
Sodium		*0.146*	
Strontium		*-0.0087*	
Thallium		*0.0023*	
Tin		*-0.0010*	
Titanium		*-0.0022*	
Vanadium		*0.0045*	
Zinc		*0.0021*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSAB 600-69583/8 Instrument ID: TJA1

Lab File ID: B010612 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Lead	**1.00**	**0.958**	**96**
Aluminum	*510*	*500*	*98*
Antimony	*1.00*	*1.01*	*101*
Arsenic	*1.00*	*1.01*	*101*
Barium	*1.00*	*1.01*	*101*
Beryllium	*0.500*	*0.475*	*95*
Boron	*1.00*	*1.02*	*102*
Cadmium	*0.500*	*0.472*	*94*
Calcium	*510*	*452*	*89*
Chromium	*1.00*	*0.941*	*94*
Cobalt	*1.00*	*0.917*	*92*
Copper	*1.00*	*1.07*	*107*
Iron	*210*	*197*	*94*
Lithium	*1.00*	*1.24*	*124*
Magnesium	*510*	*507*	*99*
Manganese	*1.00*	*0.935*	*94*
Molybdenum	*1.00*	*0.968*	*97*
Nickel	*1.00*	*0.925*	*93*
Potassium	*10.0*	*14.0*	*140*
Selenium	*1.00*	*0.982*	*98*
Silicon	*1.00*	*0.948*	*95*
Silver	*0.500*	*0.525*	*105*
Sodium	*10.0*	*12.5*	*125*
Sodium	*10.0*	*13.7*	*137*
Strontium	*0.500*	*0.493*	*99*
Thallium	*1.00*	*0.958*	*96*
Tin	*1.00*	*0.980*	*98*
Titanium	*1.00*	*0.971*	*97*
Vanadium	*1.00*	*0.964*	*96*
Zinc	*1.00*	*0.992*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSA 600-69583/34 Instrument ID: TJA1

Lab File ID: B010612 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0113**	
Aluminum	*500*	*485*	*97*
Antimony		*-0.0001*	
Arsenic		*-0.0017*	
Barium		*0.0017*	
Beryllium		*-0.0002*	
Boron		*-0.0017*	
Cadmium		*0.0051*	
Calcium	*500*	*439*	*88*
Chromium		*0.0016*	
Cobalt		*0.0000*	
Copper		*0.0122*	
Iron	*200*	*186*	*93*
Lithium		*0.0046*	
Magnesium	*500*	*489*	*98*
Manganese		*-0.0075*	
Molybdenum		*-0.0009*	
Nickel		*0.0002*	
Potassium		*0.0801*	
Selenium		*-0.0130*	
Silicon		*0.0095*	
Silver		*-0.0009*	
Sodium		*0.152*	
Strontium		*-0.0086*	
Thallium		*0.0010*	
Tin		*0.0009*	
Titanium		*-0.0021*	
Vanadium		*0.0049*	
Zinc		*0.0024*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Lab Sample ID: ICSAB 600-69583/35 Instrument ID: TJA1

Lab File ID: B010612 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**1.00**	**0.971**	**97**
Aluminum	*510*	*502*	*98*
Antimony	*1.00*	*1.03*	*103*
Arsenic	*1.00*	*1.01*	*101*
Barium	*1.00*	*1.03*	*103*
Beryllium	*0.500*	*0.472*	*94*
Boron	*1.00*	*1.03*	*103*
Cadmium	*0.500*	*0.482*	*96*
Calcium	*510*	*458*	*90*
Chromium	*1.00*	*0.948*	*95*
Cobalt	*1.00*	*0.926*	*93*
Copper	*1.00*	*1.06*	*106*
Iron	*210*	*200*	*95*
Lithium	*1.00*	*1.25*	*125*
Magnesium	*510*	*511*	*100*
Manganese	*1.00*	*0.945*	*95*
Molybdenum	*1.00*	*0.976*	*98*
Nickel	*1.00*	*0.945*	*95*
Potassium	*10.0*	*14.1*	*141*
Selenium	*1.00*	*0.982*	*98*
Silicon	*1.00*	*0.954*	*95*
Silver	*0.500*	*0.528*	*106*
Sodium	*10.0*	*13.8*	*138*
Strontium	*0.500*	*0.500*	*100*
Thallium	*1.00*	*0.990*	*99*
Tin	*1.00*	*0.992*	*99*
Titanium	*1.00*	*0.982*	*98*
Vanadium	*1.00*	*0.966*	*97*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012 - SDA - 1 (0-2') MS
Lab ID: 600-48312-6 MS
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 77.0

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	26.54		1.24		31.2	81	75-125		6010B
Lead	156.7		164		62.5	-12	75-125	N	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012 - SDA - 2 (0-2') MS
Lab ID: 600-48312-8 MS
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 79.4

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	29.62		6.95		31.2	73	75-125	N	6010B
Lead	969.8		1090		62.4	-200	75-125	4	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012 - BY - 1 (0-2') MS
Lab ID: 600-48312-16 MS
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 86.1

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	28.25		1.01		29.0	94	75-125		6010B
Lead	457.2		28.4		58.1	738	75-125	N	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 1 MS Lab ID: 600-48312-21 MS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5057		0.000800	J	0.500	101	75-125		6010B
Lead	1.021		0.00650	J	1.00	101	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012 - SDA - 1 (0-2') MSD
Lab ID: 600-48312-6 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 77.0

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	26.42		31.5	80	75-125	0	20		6010B
Lead	78.05		63.1	-137	75-125	67	20	N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012 - SDA - 2 (0-2') MSD
Lab ID: 600-48312-8 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 79.4

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	28.47		30.9	70	75-125	4	20	N	6010B
Lead	951.3		61.8	-232	75-125	2	20	4	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012 - BY - 1 (0-2') MSD
Lab ID: 600-48312-16 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48312-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 86.1

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	32.48		28.5	111	75-125	14	20		6010B
Lead	522.4		57.0	867	75-125	13	20	N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 1 MSD Lab ID: 600-48312-21 MSD

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.4974		0.500	99	75-125	2	20		6010B
Lead	1.014		1.00	101	75-125	1	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012 - SDA - 1 (0-2') PDS Lab ID: 600-48312-6 PDS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	27.97		1.24		32.2	83	75-125		6010B
Lead	209.3		164		64.3	70	75-125	W	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012 - BY - 1 (0-2') PDS Lab ID: 600-48312-16 PDS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	25.57		1.01		27.7	89	75-125		6010B
Lead	80.11		28.4		55.3	93	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 1 PDS Lab ID: 600-48312-21 PDS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Matrix: Water Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5128		0.000800	J	0.500	102	75-125		6010B
Lead	1.060		0.00650	J	1.00	105	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 2012 - SDA - 1 (0-2') DU Lab ID: 600-48312-6 DU

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

% Solids for Sample: 77.0 % Solids for Duplicate: 77.0

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.322	1.24		0.3262		117	F	6010B
Lead	0.643	164		31.16		136	F	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 2012 - SDA - 2 (0-2') DU Lab ID: 600-48312-8 DU

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

% Solids for Sample: 79.4 % Solids for Duplicate: 79.4

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.309	6.95		6.356		9		6010B
Lead	0.618	1090		927.1		17		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 2012 - BY - 1 (0-2') DU Lab ID: 600-48312-16 DU

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

% Solids for Sample: 86.1 % Solids for Duplicate: 86.1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.277	1.01		1.599		45	F	6010B
Lead	0.553	28.4		100.6		112	F	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Equipment Blank 1 DU Lab ID: 600-48312-21 DU

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.00500	0.000800	J	0.000350	U	NC		6010B
Lead	0.0100	0.00650	J	0.004100	J	45		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69471/2-A

Lab Name: TestAmerica Houston Job No.: 600-48312-1

Sample Matrix: Solid LCS Source: METSLCSS_00015

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	58.70		83	81	119		6010B
Lead	144	125.1		87	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69554/2-A

Lab Name: TestAmerica Houston Job No.: 600-48312-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.4924		98	80	120		6010B
Lead	1.00	0.9919		99	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69818/2-A

Lab Name: TestAmerica Houston Job No.: 600-48312-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	71.36		101	81	119		6010B
Lead	144	139.8		97	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-48312-6

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48312-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	1.24		1.078	J	NC		6010B
Lead	164		172.3		4.8		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-48312-16

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48312-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	1.01		0.6086	J	NC		6010B
Lead	28.4		29.32		3.1		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-48312-21

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48312-1

Matrix: Water Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	0.000800	J	0.02100	J	NC		6010B
Lead	0.00650	J	0.04550	J	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG Number:

Matrix: Solid Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-48312-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-69471/1-A	01/05/2012 12:22	69471	1.00		50
LCS 600-69471/2-A	01/05/2012 12:22	69471	0.50		50
600-48312-1	01/05/2012 12:22	69471	1.04		50
600-48312-2	01/05/2012 12:22	69471	1.01		50
600-48312-3	01/05/2012 12:22	69471	1.04		50
600-48312-4	01/05/2012 12:22	69471	1.01		50
600-48312-5	01/05/2012 12:22	69471	1.02		50
600-48312-6	01/05/2012 12:22	69471	1.01		50
600-48312-6 DU	01/05/2012 12:22	69471	1.01		50
600-48312-6 MS	01/05/2012 12:22	69471	1.04		50
600-48312-6 MSD	01/05/2012 12:22	69471	1.03		50
600-48312-7	01/05/2012 12:22	69471	1.00		50
600-48312-8	01/05/2012 12:22	69471	1.03		50
600-48312-8 DU	01/05/2012 12:22	69471	1.02		50
600-48312-8 MS	01/05/2012 12:22	69471	1.01		50
600-48312-8 MSD	01/05/2012 12:22	69471	1.02		50
600-48312-9	01/05/2012 12:22	69471	1.03		50
600-48312-10	01/05/2012 12:22	69471	1.01		50
600-48312-11	01/05/2012 12:22	69471	1.04		50
600-48312-12	01/05/2012 12:22	69471	1.03		50
600-48312-13	01/05/2012 12:22	69471	1.05		50
600-48312-14	01/05/2012 12:22	69471	1.02		50
600-48312-15	01/05/2012 12:22	69471	1.03		50
600-48312-17	01/05/2012 12:22	69471	1.04		50
600-48312-18	01/05/2012 12:22	69471	1.05		50
600-48312-19	01/05/2012 12:22	69471	1.02		50
600-48312-20	01/05/2012 12:22	69471	1.01		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-69554/1-A	01/06/2012 15:00	69554		50	50
LCS 600-69554/2-A	01/06/2012 15:00	69554		50	50
600-48312-21	01/06/2012 15:00	69554		50	50
600-48312-21 DU	01/06/2012 15:00	69554		50	50
600-48312-21 MS	01/06/2012 15:00	69554		50	50
600-48312-21 MSD	01/06/2012 15:00	69554		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-69818/1-A	01/12/2012 08:07	69818	1.00		50
LCS 600-69818/2-A	01/12/2012 08:07	69818	0.50		50
600-48312-16	01/12/2012 08:07	69818	1.05		50
600-48312-16 DU	01/12/2012 08:07	69818	1.05		50
600-48312-16 MS	01/12/2012 08:07	69818	1.00		50
600-48312-16 MSD	01/12/2012 08:07	69818	1.02		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/10/2012 08:04 End Date: 01/10/2012 12:33

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-69734/1			08:04																					
RINSE 600-69734/2			08:06																					
ZZZZZZ			08:09																					
ZZZZZZ			08:12																					
CALIBSTD 600-69734/5 IC			08:14	X	X																			
CALIBSTD 600-69734/6 IC			08:17	X	X																			
CALIBSTD 600-69734/7 IC			08:19	X	X																			
CALIBSTD 600-69734/8 IC			08:22	X	X																			
ICV 600-69734/9	1		08:24	X	X																			
ZZZZZZ			08:26																					
ICB 600-69734/11	1		08:29	X	X																			
ICSA 600-69734/12	1		08:32	X	X																			
ICSAB 600-69734/13	1		08:35	X	X																			
CCV 600-69734/14			08:37																					
ZZZZZZ			08:39																					
CCB 600-69734/16			08:42																					
ZZZZZZ			08:45																					
ZZZZZZ			08:47																					
ZZZZZZ			08:50																					
ZZZZZZ			08:53																					
ZZZZZZ			08:55																					
ZZZZZZ			08:58																					
ZZZZZZ			09:00																					
ZZZZZZ			09:03																					
ZZZZZZ			09:06																					
ZZZZZZ			09:08																					
CCV 600-69734/27	1		09:11	X	X																			
ZZZZZZ			09:14																					
CCB 600-69734/29	1		09:16	X	X																			
ZZZZZZ			09:19																					
ZZZZZZ			09:22																					
ZZZZZZ			09:24																					
MB 600-69554/1-A	1	T	09:27	X	X																			
LCS 600-69554/2-A	1	T	09:30	X	X																			
600-48312-21	1	T	09:32	X	X																			
600-48312-21 DU	1	T	09:35	X	X																			
600-48312-21 MS	1	T	09:37	X	X																			
600-48312-21 MSD	1	T	09:40	X	X																			
ZZZZZZ			09:42																					
CCV 600-69734/40	1		09:45	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/10/2012 08:04 End Date: 01/10/2012 12:33

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			09:47																					
CCB 600-69734/42	1		09:50	X	X																			
ZZZZZZ			09:53																					
ZZZZZZ			09:56																					
ZZZZZZ			09:58																					
ZZZZZZ			10:01																					
ZZZZZZ			10:04																					
ZZZZZZ			10:06																					
ZZZZZZ			10:09																					
ZZZZZZ			10:12																					
ZZZZZZ			10:15																					
ZZZZZZ			10:17																					
CCV 600-69734/53	1		10:20	X	X																			
ZZZZZZ			10:23																					
CCB 600-69734/55	1		10:25	X	X																			
ZZZZZZ			10:28																					
ZZZZZZ			10:31																					
ZZZZZZ			10:34																					
ZZZZZZ			10:36																					
ZZZZZZ			10:39																					
600-48312-21 PDS	1	T	10:42	X	X																			
600-48312-21 SD	5	T	10:44	X	X																			
CCV 600-69734/63	1		10:47	X	X																			
ZZZZZZ			10:49																					
CCB 600-69734/65	1		10:52	X	X																			
ZZZZZZ			12:04																					
ZZZZZZ			12:07																					
ZZZZZZ			12:09																					
CCV 600-69734/69			12:12																					
ZZZZZZ			12:14																					
CCB 600-69734/71			12:17																					
ICSA 600-69734/72	1		12:20	X	X																			
ICSAB 600-69734/73	1		12:22	X	X																			
CCV 600-69734/74			12:25																					
CCB 600-69734/75			12:27																					
RINSE 600-69734/76			12:30																					
RINSE 600-69734/77			12:33																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/12/2012 13:44 End Date: 01/12/2012 17:16

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-69969/1			13:44																					
RINSE 600-69969/2			13:47																					
ZZZZZZ			13:50																					
ZZZZZZ			13:53																					
CALIBSTD 600-69969/5 IC			13:55	X	X																			
CALIBSTD 600-69969/6 IC			13:58	X	X																			
CALIBSTD 600-69969/7 IC			14:00	X	X																			
CALIBSTD 600-69969/8 IC			14:03	X	X																			
ICV 600-69969/9	1		14:05	X	X																			
ZZZZZZ			14:08																					
ICB 600-69969/11	1		14:11	X	X																			
ICSA 600-69969/12	1		14:13	X	X																			
ICSAB 600-69969/13	1		14:16	X	X																			
CCV 600-69969/14	1		14:18	X	X																			
ZZZZZZ			14:21																					
CCB 600-69969/16	1		14:23	X	X																			
MB 600-69818/1-A	1	T	15:15	X	X																			
LCS 600-69818/2-A	1	T	15:18	X	X																			
600-48312-16	1	T	15:20	X	X																			
600-48312-16 DU	1	T	15:23	X	X																			
600-48312-16 MS	1	T	15:26	X	X																			
600-48312-16 MSD	1	T	15:28	X	X																			
ZZZZZZ			15:31																					
ZZZZZZ			15:33																					
ZZZZZZ			15:36																					
ZZZZZZ			15:39																					
CCV 600-69969/27	1		15:41	X	X																			
ZZZZZZ			15:44																					
CCB 600-69969/29	1		15:46	X	X																			
ZZZZZZ			15:49																					
ZZZZZZ			15:52																					
ZZZZZZ			15:55																					
ZZZZZZ			15:57																					
ZZZZZZ			16:00																					
ZZZZZZ			16:03																					
ZZZZZZ			16:05																					
ZZZZZZ			16:08																					
ZZZZZZ			16:11																					
600-48312-16 PDS	1	T	16:13	X	X																			
CCV 600-69969/40	1		16:16	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/12/2012 13:44 End Date: 01/12/2012 17:16

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			16:18																					
CCB 600-69969/42	1		16:21	X	X																			
600-48312-16 SD	5	T	16:24	X	X																			
CCV 600-69969/44	1		16:26	X	X																			
ZZZZZZ			16:29																					
CCB 600-69969/46	1		16:31	X	X																			
ZZZZZZ			16:34																					
ZZZZZZ			16:37																					
ZZZZZZ			16:39																					
ZZZZZZ			16:42																					
ZZZZZZ			16:45																					
ZZZZZZ			16:47																					
ZZZZZZ			16:50																					
ZZZZZZ			16:52																					
CCV 600-69969/55			16:55																					
ZZZZZZ			16:57																					
CCB 600-69969/57			17:00																					
ICSA 600-69969/58	1		17:03	X	X																			
ICSAB 600-69969/59			17:05																					
CCV 600-69969/60			17:08																					
CCB 600-69969/61			17:10																					
RINSE 600-69969/62			17:13																					
RINSE 600-69969/63			17:16																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/06/2012 07:27 End Date: 01/06/2012 13:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			07:27																					
STD 600-69531/2 IC			07:31	X	X																			
ZZZZZZ			07:35																					
ICV 600-69531/4	1		07:39	X	X																			
ICB 600-69531/5	1		07:43	X	X																			
CRI 600-69531/6	1		07:47	X	X																			
ICSA 600-69531/7	1		07:50	X	X																			
ICSAB 600-69531/8	1		07:54	X	X																			
CCV 600-69531/9			07:58																					
CCB 600-69531/10			08:02																					
ZZZZZZ			08:07																					
ZZZZZZ			08:11																					
ZZZZZZ			08:14																					
ZZZZZZ			08:18																					
ZZZZZZ			08:22																					
ZZZZZZ			08:26																					
ZZZZZZ			08:30																					
ZZZZZZ			08:34																					
ZZZZZZ			08:37																					
ZZZZZZ			08:41																					
CCV 600-69531/21			08:45																					
CCB 600-69531/22			08:49																					
ZZZZZZ			08:53																					
ZZZZZZ			08:57																					
ZZZZZZ			09:01																					
ZZZZZZ			09:04																					
ZZZZZZ			09:08																					
ZZZZZZ			09:12																					
ZZZZZZ			09:16																					
ZZZZZZ			09:20																					
ZZZZZZ			09:24																					
ZZZZZZ			09:28																					
CCV 600-69531/33			09:31																					
CCB 600-69531/34			09:35																					
ZZZZZZ			09:40																					
ZZZZZZ			09:44																					
ZZZZZZ			09:48																					
ZZZZZZ			09:51																					
ZZZZZZ			09:55																					
CCV 600-69531/40	1		09:59	X	X																			
CCB 600-69531/41	1		10:03	X	X																			
ZZZZZZ			10:09																					

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/06/2012 07:27 End Date: 01/06/2012 13:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			10:13																				
600-48312-1	1	T	10:17	X	X																		
600-48312-2	1	T	10:20	X	X																		
600-48312-3	1	T	10:24	X	X																		
600-48312-4	1	T	10:28	X	X																		
600-48312-5	1	T	10:32	X																			
600-48312-6	1	T	10:36	X	X																		
600-48312-6 DU	1	T	10:40	X	X																		
600-48312-6 MS	1	T	10:44	X	X																		
CCV 600-69531/52	1		10:47	X	X																		
CCB 600-69531/53	1		10:51	X	X																		
600-48312-6 MSD	1	T	10:56	X	X																		
600-48312-7	1	T	11:00	X	X																		
600-48312-8	1	T	11:03	X	X																		
600-48312-8 DU	1	T	11:07	X	X																		
600-48312-8 MS	1	T	11:11	X	X																		
600-48312-8 MSD	1	T	11:15	X	X																		
600-48312-9	1	T	11:19	X	X																		
600-48312-10	1	T	11:23	X	X																		
600-48312-11	1	T	11:27	X	X																		
600-48312-12	1	T	11:30	X	X																		
CCV 600-69531/64	1		11:34	X	X																		
CCB 600-69531/65	1		11:38	X	X																		
600-48312-13	1	T	11:43	X	X																		
600-48312-14	1	T	11:47	X	X																		
600-48312-15	1	T	11:51	X	X																		
ZZZZZZ			11:55																				
600-48312-17	1	T	11:59	X	X																		
600-48312-18	1	T	12:03	X																			
600-48312-19	1	T	12:06	X	X																		
600-48312-20	1	T	12:10	X	X																		
MB 600-69471/1-A	1	T	12:14	X	X																		
LCS 600-69471/2-A	1	T	12:18	X	X																		
CCV 600-69531/76	1		12:22	X	X																		
CCB 600-69531/77	1		12:26	X	X																		
600-48312-6 PDS	1	T	12:30	X	X																		
600-48312-6 SD	5	T	12:34	X	X																		
ZZZZZZ			12:38																				
ZZZZZZ			12:42																				
ZZZZZZ			12:46																				
ZZZZZZ			12:49																				
ZZZZZZ			12:53																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/06/2012 07:27 End Date: 01/06/2012 13:30

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			12:57																				
ZZZZZZ			13:01																				
CCV 600-69531/87	1		13:05	X	X																		
CCB 600-69531/88	1		13:09	X	X																		
CRI 600-69531/89	1		13:15	X	X																		
ICSA 600-69531/90	1		13:19	X	X																		
ICSAB 600-69531/91	1		13:23	X	X																		
CCV 600-69531/92			13:26																				
CCB 600-69531/93			13:30																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/06/2012 13:52 End Date: 01/06/2012 16:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			13:52																					
STD 600-69583/2 IC			13:56	X																				
ZZZZZZ			14:00																					
ICV 600-69583/4	1		14:04	X																				
ICB 600-69583/5	1		14:08	X																				
CRI 600-69583/6	1		14:12	X																				
ICSA 600-69583/7	1		14:16	X																				
ICSAB 600-69583/8	1		14:20	X																				
CCV 600-69583/9			14:23																					
CCB 600-69583/10			14:27																					
ZZZZZZ			14:32																					
ZZZZZZ			14:36																					
ZZZZZZ			14:40																					
ZZZZZZ			14:44																					
ZZZZZZ			14:47																					
ZZZZZZ			14:51																					
ZZZZZZ			14:55																					
ZZZZZZ			14:59																					
ZZZZZZ			15:03																					
ZZZZZZ			15:07																					
CCV 600-69583/21	1		15:11	X																				
CCB 600-69583/22	1		15:14	X																				
ZZZZZZ			15:19																					
ZZZZZZ			15:23																					
ZZZZZZ			15:27																					
ZZZZZZ			15:31																					
ZZZZZZ			15:35																					
ZZZZZZ			15:38																					
600-48312-5	20	T	15:42	X																				
600-48312-18	20	T	15:46	X																				
CCV 600-69583/31	1		15:50	X																				
CCB 600-69583/32	1		15:54	X																				
CRI 600-69583/33	1		15:59	X																				
ICSA 600-69583/34	1		16:03	X																				
ICSAB 600-69583/35	1		16:07	X																				
CCV 600-69583/36			16:11																					
CCB 600-69583/37			16:14																					

Prep Types

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v604)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/10/2012 8:04:07
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0.0003	92.56	-0.0004	-0.0001
Al3082	308.215	{1 In2306	ppm	0.0211	0.0231	109.8	0.0374	0.0047
As1890	189.042	{4 Y_2243	ppm	0.0005	0.0005	104.9	0.0001	0.0008
B_2496	249.678	{1 Y_3710	ppm	-0.0003	0.0008	243.6	0.0002	-0.0009
Ba4554	455.403	{ 7 Y_3710	ppm	0.0002	0.0001	38.99	0.0002	0.0003
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	530.4	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.015	0.003	20.25	0.0172	0.0129
Ca3181	318.128	{1 In2306	ppm	-0.0064	0.0295	458	-0.0273	0.0144
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	385	-0.0001	0
Co2286	228.616	{4 In2306	ppm	-0.0001	0.0001	122.6	-0.0002	0
Cr2677	267.716	{1 Y_3600	ppm	0.0001	0	35.93	0.0001	0.0001
Cu3247	324.754	{1 Y_3600	ppm	-0.0094	0.0001	0.7379	-0.0093	-0.0094
Fe2404	240.488	{1 In2306	ppm	-0.0021	0.0016	76.41	-0.001	-0.0033
K_7664	766.490	{ 4 Y_3710	ppm	-0.0155	0.0079	51.07	-0.0212	-0.0099
K_7698	769.896	{ 4 Y_3710	ppm	0.0479	0.0006	1.228	0.0474	0.0483
Li6707	670.784	{ 5 Y_3710	ppm	0.0007	0.0001	10.29	0.0008	0.0007
Mg2790	279.079	{1 Y_3710	ppm	0.0247	0.0278	112.4	0.0444	0.0051
Mn2576	257.610	{1 Y_3600	ppm	-0.0001	0	3.67	-0.0001	-0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0008	0.0002	25.25	0.001	0.0007
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0002	227.4	-0.0001	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.0066	0.0024	37.04	0.0049	0.0083
Na8183	818.326	{ 4 Y_3710	ppm	0.1374	0.0787	57.26	0.0818	0.193
Ni2316	231.604	{4 In2306	ppm	0.0005	0	8.877	0.0005	0.0004
P_1782	178.284	{4 In2306	ppm	-0.0026	0.0001	3.606	-0.0027	-0.0026
Pb2203	220.353	{4 In2306	ppm	0.0015	0.001	64.02	0.0022	0.0008
S_1820	182.034	{4 Y_2243	ppm	0.0797	0.1807	226.9	0.2074	-0.0481
Sb2068	206.833	{4 Y_2243	ppm	0.0012	0.0004	31.59	0.0015	0.001
Se1960	196.090	{4 Y_2243	ppm	0.0017	0.0008	47.84	0.0023	0.0011
Si2516	251.611	{1 Y_3710	ppm	0.0221	0.0019	8.741	0.0235	0.0208
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0002	59.93	0.0001	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	0.0001	0	28.63	0.0001	0.0001
Ti3349	334.904	{1 Y_3600	ppm	-0.0005	0	7.788	-0.0005	-0.0004
Tl1908	190.856	{4 In2306	ppm	0.0013	0.0006	50.92	0.0017	0.0008
V_2924	292.402	{1 Y_3600	ppm	0.0008	0.0003	42.26	0.001	0.0006
Zn2062	206.200	{4 In2306	ppm	0.0006	0.0001	11.68	0.0007	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	247.49	2.4424	0.98689	249.21	245.76
In2306	230.606	{4 Cts/S	10020	19.472	0.19434	10006	10034
Y_2243	224.306	{4 Cts/S	14386	62.086	0.43158	14342	14430
Y_3600	360.073	{ 9 Cts/S	131510	28.243	0.02148	131490	131530

Y_3710	371.030 {	९	Cts/S	12496	37.867	0.30303	12523	12469

[Sample Header]
Method=ICP6500Metals_TRY3(v604)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/10/2012 8:06:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0002	0.0003	173.6	-0.0004	0
Al3082	308.215	{1	In2306	ppm	-0.0005	0.0052	1020	-0.0042	0.0032
As1890	189.042	{4	Y_2243	ppm	-0.0002	0.0006	244	0.0002	-0.0006
B_2496	249.678	{1	Y_3710	ppm	0.0012	0.0008	66.12	0.0018	0.0007
Ba4554	455.403	{ 7	Y_3710	ppm	0.0002	0.0001	66.94	0.0001	0.0003
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0	25.86	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	0.0243	0.0067	27.5	0.029	0.0195
Ca3181	318.128	{1	In2306	ppm	0.0306	0.0251	82.02	0.0483	0.0128
Cd2288	228.802	{4	Y_2243	ppm	0	0	80.36	0	0
Co2286	228.616	{4	In2306	ppm	0	0	66.73	-0.0001	0
Cr2677	267.716	{1	Y_3600	ppm	0	0.0002	662.6	0.0001	-0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0085	0.0003	3.949	-0.0083	-0.0088
Fe2404	240.488	{1	In2306	ppm	-0.0006	0.0009	155.9	-0.0012	0.0001
K_7664	766.490	{ 4	Y_3710	ppm	-0.0124	0.0165	133.5	-0.0241	-0.0007
K_7698	769.896	{ 4	Y_3710	ppm	0.0418	0.0439	105	0.0728	0.0107
Li6707	670.784	{ 5	Y_3710	ppm	0.0007	0.0003	45.57	0.001	0.0005
Mg2790	279.079	{1	Y_3710	ppm	0.0182	0.0207	114.2	0.0328	0.0035
Mn2576	257.610	{1	Y_3600	ppm	-0.0001	0	0.1453	-0.0001	-0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	0.0003	0.0008	250.8	-0.0002	0.0008
Mo2020	202.030	{4	Y_2243	ppm	-0.0001	0.0002	130.7	-0.0003	0
Na5895	589.592	{ 5	Y_3710	ppm	0.0059	0.0013	22.34	0.0049	0.0068
Na8183	818.326	{ 4	Y_3710	ppm	0.1376	0.0138	10.02	0.1473	0.1279
Ni2316	231.604	{4	In2306	ppm	0.0003	0.0002	66.3	0.0005	0.0002
P_1782	178.284	{4	In2306	ppm	-0.0023	0.0006	28.29	-0.0018	-0.0027
Pb2203	220.353	{4	In2306	ppm	-0.0004	0.0005	110.9	-0.0001	-0.0008
S_1820	182.034	{4	Y_2243	ppm	1.536	0.8776	57.12	0.9157	2.157
Sb2068	206.833	{4	Y_2243	ppm	0.0021	0.0008	37.57	0.0026	0.0015
Se1960	196.090	{4	Y_2243	ppm	0.0008	0.0011	126.9	0.0001	0.0016
Si2516	251.611	{1	Y_3710	ppm	0.011	0.0019	16.89	0.0124	0.0097
Sn1899	189.989	{4	In2306	ppm	-0.0002	0.0002	115.1	0	-0.0003
Sr4215	421.552	{ 8	Y_3710	ppm	0	0.0001	145	0.0001	0
Ti3349	334.904	{1	Y_3600	ppm	-0.0005	0.0002	32.32	-0.0007	-0.0004
Tl1908	190.856	{4	In2306	ppm	-0.0005	0.0008	161	0.0001	-0.0011
V_2924	292.402	{1	Y_3600	ppm	0.0007	0.0003	40.26	0.0005	0.0008
Zn2062	206.200	{4	In2306	ppm	0.0009	0.0001	13.98	0.001	0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	240.44	0.09996	0.04157	240.37	240.51
In2306	230.606	{4	Cts/S	10030	6.2965	0.06278	10025	10034
Y_2243	224.306	{4	Cts/S	14401	8.7428	0.06071	14395	14407
Y_3600	360.073	{ 9	Cts/S	130100	64.929	0.04991	130150	130050

Y_3710	371.030 { 9	Cts/S	12681	3.2057	0.02528	12679	12683	

[Sample Header]
Method=ICP6500Metals_TRY3(v604)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/10/2012 8:09:28
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0	0	87.28	0	0
Al3082	308.215 {1	In2306	Cts/S	0.0637	0.0045	7.068	0.0669	0.0605
As1890	189.042 {4	Y_2243	Cts/S	0	0	89.54	0	0
B_2496	249.678 {1	Y_3710	Cts/S	0	0.0001	423.7	0	0.0001
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0054	0.0002	4.105	0.0052	0.0055
Be3130	313.042 {1	Y_3710	Cts/S	0.0001	0.0004	295.4	0.0004	-0.0001
Ca3158	315.887 {1	In2306	Cts/S	-0.0388	0.0056	14.52	-0.0428	-0.0349
Ca3181	318.128 {1	In2306	Cts/S	-0.0042	0.0091	216.2	0.0022	-0.0106
Cd2288	228.802 {4	Y_2243	Cts/S	0.0004	0	7.304	0.0003	0.0004
Co2286	228.616 {4	In2306	Cts/S	-0.0003	0.0001	21.52	-0.0003	-0.0004
Cr2677	267.716 {1	Y_3600	Cts/S	0	0	114	0	0
Cu3247	324.754 {1	Y_3600	Cts/S	0.0025	0	0.4021	0.0024	0.0025
Fe2404	240.488 {1	In2306	Cts/S	0.0051	0.0006	11.16	0.0055	0.0047
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0023	0.0001	6.528	-0.0024	-0.0022
K_7698	769.896 { 4	Y_3710	Cts/S	0.0164	0.0004	2.488	0.0161	0.0167
Li6707	670.784 { 5	Y_3710	Cts/S	0.0035	0.0005	14.09	0.0038	0.0031
Mg2790	279.079 {1	Y_3710	Cts/S	-0.0002	0.0003	175.5	-0.0004	0
Mn2576	257.610 {1	Y_3600	Cts/S	0.0001	0	7.124	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	Cts/S	-0.0001	0.0001	88.03	-0.0002	0
Mo2020	202.030 {4	Y_2243	Cts/S	0.0001	0	10.99	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	Cts/S	0.0039	0.0009	23.48	0.0033	0.0046
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0051	0.0014	28.05	-0.0041	-0.0061
Ni2316	231.604 {4	In2306	Cts/S	0.0001	0.0001	72.06	0.0002	0.0001
P_1782	178.284 {4	In2306	Cts/S	0.0003	0.0001	34.76	0.0004	0.0002
Pb2203	220.353 {4	In2306	Cts/S	-0.0002	0.0001	46.44	-0.0002	-0.0001
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	3.278	-0.0005	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	-0.0001	0	8.229	-0.0001	-0.0001
Se1960	196.090 {4	Y_2243	Cts/S	0	0	22.19	0	0
Si2516	251.611 {1	Y_3710	Cts/S	0.0004	0.0002	35.31	0.0003	0.0005
Sn1899	189.989 {4	In2306	Cts/S	0.0001	0	7.03	0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	Cts/S	-0.0004	0	10.7	-0.0004	-0.0004
Ti3349	334.904 {1	Y_3600	Cts/S	0	0	10.16	0	0
Tl1908	190.856 {4	In2306	Cts/S	-0.0002	0.0001	37.87	-0.0001	-0.0002
V_2924	292.402 {1	Y_3600	Cts/S	-0.0001	0	4.94	-0.0001	-0.0001
Zn2062	206.200 {4	In2306	Cts/S	0.0007	0	1.246	0.0007	0.0007

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	243.26	0.75906	0.31204	243.79	242.72
In2306	230.606 {4	Cts/S	10050	8.9489	0.08904	10044	10056
Y_2243	224.306 {4	Cts/S	14436	8.3067	0.05754	14430	14442

Y_3600	360.073 { 9	Cts/S	130730	224.5	0.17172	130890	130570
Y_3710	371.030 { 9	Cts/S	12714	5.2618	0.04139	12718	12710

[Sample Header]
Method=ICP6500Metals_TRY3(v604)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/10/2012 8:12:07
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0058	0	0.4106	0.0058	0.0058
Al3082	308.215 {1	In2306	Cts/S	0.477	0.007	1.475	0.482	0.4721
As1890	189.042 {4	Y_2243	Cts/S	0.0065	0	0.3672	0.0064	0.0065
B_2496	249.678 {1	Y_3710	Cts/S	0.0048	0.0001	2.76	0.0047	0.0049
Ba4554	455.403 { 7	Y_3710	Cts/S	0.3588	0.0017	0.4694	0.36	0.3576
Be3130	313.042 {1	Y_3710	Cts/S	0.2224	0.0006	0.2662	0.2228	0.2219
Ca3158	315.887 {1	In2306	Cts/S	1.205	0.0023	0.1932	1.207	1.203
Ca3181	318.128 {1	In2306	Cts/S	0.2778	0.0191	6.879	0.2913	0.2643
Cd2288	228.802 {4	Y_2243	Cts/S	0.053	0.0007	1.273	0.0526	0.0535
Co2286	228.616 {4	In2306	Cts/S	0.0975	0.0012	1.259	0.0967	0.0984
Cr2677	267.716 {1	Y_3600	Cts/S	0.0087	0	0.5589	0.0087	0.0087
Cu3247	324.754 {1	Y_3600	Cts/S	0.0209	0.0001	0.6011	0.0208	0.021
Fe2404	240.488 {1	In2306	Cts/S	1.31	0.0332	2.535	1.334	1.287
K_7664	766.490 { 4	Y_3710	Cts/S	0.083	0.0022	2.631	0.0814	0.0845
K_7698	769.896 { 4	Y_3710	Cts/S	0.0509	0.0022	4.288	0.0493	0.0524
Li6707	670.784 { 5	Y_3710	Cts/S	0.2949	0.003	1.028	0.2928	0.2971
Mg2790	279.079 {1	Y_3710	Cts/S	0.0071	0.0001	2.035	0.0072	0.007
Mn2576	257.610 {1	Y_3600	Cts/S	0.0608	0.0002	0.4073	0.061	0.0606
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0317	0.0004	1.253	0.0319	0.0314
Mo2020	202.030 {4	Y_2243	Cts/S	0.0362	0.0004	1.196	0.0359	0.0365
Na5895	589.592 { 5	Y_3710	Cts/S	0.2683	0.0018	0.6643	0.2671	0.2696
Na8183	818.326 { 4	Y_3710	Cts/S	0.0074	0.002	27.3	0.0059	0.0088
Ni2316	231.604 {4	In2306	Cts/S	0.053	0.0009	1.673	0.0523	0.0536
P_1782	178.284 {4	In2306	Cts/S	0.0069	0.0001	1.552	0.0068	0.007
Pb2203	220.353 {4	In2306	Cts/S	0.0158	0.0003	2.118	0.0156	0.016
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	6.645	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0054	0	0.3183	0.0053	0.0054
Se1960	196.090 {4	Y_2243	Cts/S	0.0043	0.0001	1.597	0.0042	0.0043
Si2516	251.611 {1	Y_3710	Cts/S	0.0026	0.0003	9.871	0.0024	0.0028
Sn1899	189.989 {4	In2306	Cts/S	0.0264	0.0003	1.202	0.0261	0.0266
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2118	0.0008	0.3547	0.2124	0.2113
Ti3349	334.904 {1	Y_3600	Cts/S	0.0163	0.0001	0.5476	0.0164	0.0162
Tl1908	190.856 {4	In2306	Cts/S	0.0087	0.0001	0.7951	0.0086	0.0087
V_2924	292.402 {1	Y_3600	Cts/S	0.0145	0	0.0917	0.0145	0.0145
Zn2062	206.200 {4	In2306	Cts/S	0.1203	0.0017	1.452	0.119	0.1215

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	244.76	3.0267	1.2366	242.62	246.9
In2306	230.606 {4	Cts/S	9820.8	103.01	1.0489	9893.6	9747.9

Y_2243	224.306 {4	Cts/S	14311	132.17	0.92357	14404	14217
Y_3600	360.073 { 9	Cts/S	130480	305.3	0.23398	130700	130270
Y_3710	371.030 { 9	Cts/S	12730	24.502	0.19247	12713	12748

[Sample Header]
Method=ICP6500Metals_TRY3(v604)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/10/2012 8:14:41
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0116	0.0001	0.5453	0.0116	0.0116
Al3082	308.215 {1	In2306	Cts/S	0.8734	0.0131	1.498	0.8641	0.8826
As1890	189.042 {4	Y_2243	Cts/S	0.0128	0	0.2714	0.0128	0.0129
B_2496	249.678 {1	Y_3710	Cts/S	0.0096	0.0002	1.922	0.0095	0.0097
Ba4554	455.403 { 7	Y_3710	Cts/S	0.7115	0.0014	0.1994	0.7105	0.7125
Be3130	313.042 {1	Y_3710	Cts/S	0.4476	0.0007	0.1506	0.448	0.4471
Ca3158	315.887 {1	In2306	Cts/S	2.416	0.0113	0.4684	2.408	2.424
Ca3181	318.128 {1	In2306	Cts/S	0.5679	0.0083	1.462	0.5737	0.562
Cd2288	228.802 {4	Y_2243	Cts/S	0.1051	0.0001	0.0932	0.1051	0.1052
Co2286	228.616 {4	In2306	Cts/S	0.1953	0.0001	0.0701	0.1952	0.1954
Cr2677	267.716 {1	Y_3600	Cts/S	0.0176	0.0002	1.075	0.0175	0.0177
Cu3247	324.754 {1	Y_3600	Cts/S	0.0388	0.0002	0.4713	0.039	0.0387
Fe2404	240.488 {1	In2306	Cts/S	2.605	0.0163	0.625	2.617	2.594
K_7664	766.490 { 4	Y_3710	Cts/S	0.1719	0.0002	0.138	0.1718	0.1721
K_7698	769.896 { 4	Y_3710	Cts/S	0.0844	0.0007	0.8749	0.0839	0.0849
Li6707	670.784 { 5	Y_3710	Cts/S	0.6075	0.0048	0.7964	0.6041	0.611
Mg2790	279.079 {1	Y_3710	Cts/S	0.0143	0.0001	0.9209	0.0142	0.0144
Mn2576	257.610 {1	Y_3600	Cts/S	0.1212	0.0006	0.4817	0.1207	0.1216
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0626	0.0001	0.1671	0.0627	0.0625
Mo2020	202.030 {4	Y_2243	Cts/S	0.0723	0	0.0454	0.0724	0.0723
Na5895	589.592 { 5	Y_3710	Cts/S	0.5493	0.0003	0.0531	0.5495	0.5491
Na8183	818.326 { 4	Y_3710	Cts/S	0.0185	0.0001	0.4171	0.0184	0.0185
Ni2316	231.604 {4	In2306	Cts/S	0.1055	0.0006	0.6019	0.1059	0.105
P_1782	178.284 {4	In2306	Cts/S	0.0136	0	0.3623	0.0136	0.0135
Pb2203	220.353 {4	In2306	Cts/S	0.0316	0	0.0692	0.0316	0.0316
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	4.522	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0111	0.0001	0.6865	0.0112	0.0111
Se1960	196.090 {4	Y_2243	Cts/S	0.0084	0	0.2695	0.0084	0.0084
Si2516	251.611 {1	Y_3710	Cts/S	0.005	0.0001	2.876	0.0049	0.0051
Sn1899	189.989 {4	In2306	Cts/S	0.0528	0	0.0244	0.0528	0.0528
Sr4215	421.552 { 8	Y_3710	Cts/S	0.4247	0.0005	0.1223	0.4244	0.4251
Ti3349	334.904 {1	Y_3600	Cts/S	0.0329	0.0001	0.2083	0.0329	0.033
Tl1908	190.856 {4	In2306	Cts/S	0.0176	0	0.233	0.0176	0.0176
V_2924	292.402 {1	Y_3600	Cts/S	0.0292	0.0001	0.5137	0.0291	0.0293
Zn2062	206.200 {4	In2306	Cts/S	0.2393	0.0007	0.2829	0.2398	0.2389

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	243.42	2.3433	0.96265	245.08	241.76

In2306	230.606 {4	Cts/S	9803.5	29.903	0.30502	9824.6	9782.3
Y_2243	224.306 {4	Cts/S	14416	54.522	0.37821	14454	14377
Y_3600	360.073 { 9	Cts/S	130100	198.2	0.15235	130240	129960
Y_3710	371.030 { 9	Cts/S	12666	4.1811	0.03301	12669	12663

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Custom ID2=
Custom ID3=
Run Time=1/10/2012 8:17:11
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0233	0.0001	0.5123	0.0233	0.0232
Al3082	308.215 {1	In2306	Cts/S	1.682	0.0091	0.5401	1.676	1.689
As1890	189.042 {4	Y_2243	Cts/S	0.0257	0.0001	0.3661	0.0257	0.0256
B_2496	249.678 {1	Y_3710	Cts/S	0.0191	0.0001	0.3112	0.0191	0.019
Ba4554	455.403 { 7	Y_3710	Cts/S	1.423	0.0036	0.2554	1.421	1.426
Be3130	313.042 {1	Y_3710	Cts/S	0.8965	0.0047	0.5283	0.8999	0.8932
Ca3158	315.887 {1	In2306	Cts/S	4.906	0.0424	0.864	4.876	4.936
Ca3181	318.128 {1	In2306	Cts/S	1.162	0.0104	0.8959	1.154	1.169
Cd2288	228.802 {4	Y_2243	Cts/S	0.2081	0.0006	0.2848	0.2085	0.2077
Co2286	228.616 {4	In2306	Cts/S	0.3905	0.0012	0.315	0.3914	0.3897
Cr2677	267.716 {1	Y_3600	Cts/S	0.0348	0.0001	0.2462	0.0348	0.0347
Cu3247	324.754 {1	Y_3600	Cts/S	0.0747	0.0004	0.5674	0.0744	0.075
Fe2404	240.488 {1	In2306	Cts/S	5.203	0.102	1.961	5.131	5.275
K_7664	766.490 { 4	Y_3710	Cts/S	0.3423	0.0029	0.8574	0.3402	0.3443
K_7698	769.896 { 4	Y_3710	Cts/S	0.1532	0.0012	0.7819	0.1524	0.1541
Li6707	670.784 { 5	Y_3710	Cts/S	1.215	0.0118	0.9727	1.207	1.224
Mg2790	279.079 {1	Y_3710	Cts/S	0.0288	0.0002	0.6751	0.029	0.0287
Mn2576	257.610 {1	Y_3600	Cts/S	0.2399	0.0001	0.0362	0.24	0.2398
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1251	0.001	0.7899	0.1258	0.1244
Mo2020	202.030 {4	Y_2243	Cts/S	0.1424	0.0001	0.0765	0.1425	0.1423
Na5895	589.592 { 5	Y_3710	Cts/S	1.086	0.0084	0.7748	1.08	1.092
Na8183	818.326 { 4	Y_3710	Cts/S	0.0393	0.0001	0.2714	0.0394	0.0393
Ni2316	231.604 {4	In2306	Cts/S	0.2116	0.0007	0.3205	0.2121	0.2111
P_1782	178.284 {4	In2306	Cts/S	0.0274	0.0002	0.6744	0.0275	0.0273
Pb2203	220.353 {4	In2306	Cts/S	0.0635	0	0.0145	0.0635	0.0636
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	5.436	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0221	0.0004	1.881	0.0223	0.0218
Se1960	196.090 {4	Y_2243	Cts/S	0.0168	0.0001	0.6252	0.0169	0.0167
Si2516	251.611 {1	Y_3710	Cts/S	0.0095	0	0.4135	0.0095	0.0096
Sn1899	189.989 {4	In2306	Cts/S	0.106	0.0002	0.1831	0.1061	0.1058
Sr4215	421.552 { 8	Y_3710	Cts/S	0.8504	0.0002	0.0203	0.8503	0.8505
Ti3349	334.904 {1	Y_3600	Cts/S	0.0654	0.0001	0.1482	0.0655	0.0653
Tl1908	190.856 {4	In2306	Cts/S	0.0353	0.0001	0.3471	0.0353	0.0352
V_2924	292.402 {1	Y_3600	Cts/S	0.0581	0.0003	0.5185	0.0578	0.0583
Zn2062	206.200 {4	In2306	Cts/S	0.4809	0.0013	0.2694	0.4818	0.48

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	243.03	3.2139	1.3225	245.3	240.75
In2306	230.606 {4	Cts/S	9668.1	29.455	0.30466	9647.3	9689
Y_2243	224.306 {4	Cts/S	14443	33.102	0.22919	14420	14467
Y_3600	360.073 { 9	Cts/S	129180	140.99	0.10914	129080	129280
Y_3710	371.030 { 9	Cts/S	12593	44.962	0.35705	12561	12624

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Custom ID3=
Run Time=1/10/2012 8:19:38
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0463	0.0001	0.2562	0.0464	0.0462
Al3082	308.215 {1	In2306	Cts/S	3.298	0.0204	0.6173	3.284	3.313
As1890	189.042 {4	Y_2243	Cts/S	0.0522	0.0005	0.871	0.0525	0.0519
B_2496	249.678 {1	Y_3710	Cts/S	0.0386	0.0007	1.926	0.038	0.0391
Ba4554	455.403 { 7	Y_3710	Cts/S	2.851	0.0316	1.107	2.829	2.874
Be3130	313.042 {1	Y_3710	Cts/S	1.792	0.0265	1.477	1.773	1.81
Ca3158	315.887 {1	In2306	Cts/S	9.684	0.2027	2.093	9.54	9.827
Ca3181	318.128 {1	In2306	Cts/S	2.321	0.0463	1.996	2.289	2.354
Cd2288	228.802 {4	Y_2243	Cts/S	0.4192	0.0014	0.3332	0.4202	0.4182
Co2286	228.616 {4	In2306	Cts/S	0.7936	0.0037	0.4658	0.7962	0.791
Cr2677	267.716 {1	Y_3600	Cts/S	0.0692	0.0002	0.326	0.069	0.0693
Cu3247	324.754 {1	Y_3600	Cts/S	0.146	0.0007	0.4633	0.1464	0.1455
Fe2404	240.488 {1	In2306	Cts/S	10.32	0.2361	2.288	10.15	10.49
K_7664	766.490 { 4	Y_3710	Cts/S	0.689	0.0103	1.493	0.6818	0.6963
K_7698	769.896 { 4	Y_3710	Cts/S	0.2911	0.0046	1.577	0.2878	0.2943
Li6707	670.784 { 5	Y_3710	Cts/S	2.427	0.0297	1.222	2.407	2.448
Mg2790	279.079 {1	Y_3710	Cts/S	0.0575	0.0007	1.203	0.057	0.058
Mn2576	257.610 {1	Y_3600	Cts/S	0.4765	0.0001	0.0238	0.4764	0.4766
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2513	0.0039	1.564	0.2485	0.2541
Mo2020	202.030 {4	Y_2243	Cts/S	0.2872	0.0011	0.3907	0.288	0.2864
Na5895	589.592 { 5	Y_3710	Cts/S	2.162	0.0277	1.28	2.143	2.182
Na8183	818.326 { 4	Y_3710	Cts/S	0.0855	0.0001	0.0675	0.0855	0.0855
Ni2316	231.604 {4	In2306	Cts/S	0.4279	0.0015	0.3442	0.4289	0.4269
P_1782	178.284 {4	In2306	Cts/S	0.0563	0.0005	0.8748	0.0567	0.056
Pb2203	220.353 {4	In2306	Cts/S	0.1286	0.001	0.7426	0.1292	0.1279
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	0.1616	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0454	0.0002	0.3477	0.0455	0.0453
Se1960	196.090 {4	Y_2243	Cts/S	0.0342	0.0002	0.5944	0.0344	0.0341
Si2516	251.611 {1	Y_3710	Cts/S	0.0195	0.0008	4.107	0.0189	0.02
Sn1899	189.989 {4	In2306	Cts/S	0.2157	0.001	0.4824	0.2165	0.215
Sr4215	421.552 { 8	Y_3710	Cts/S	1.695	0.0194	1.146	1.682	1.709
Ti3349	334.904 {1	Y_3600	Cts/S	0.1312	0.0004	0.2887	0.1315	0.1309
Tl1908	190.856 {4	In2306	Cts/S	0.0717	0.0003	0.4133	0.0715	0.0719
V_2924	292.402 {1	Y_3600	Cts/S	0.1166	0.0001	0.1177	0.1165	0.1167
Zn2062	206.200 {4	In2306	Cts/S	0.9769	0.0038	0.3854	0.9795	0.9742

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	244.89	4.5611	1.8625	248.11	241.66
In2306	230.606 {4	Cts/S	9395.3	23.315	0.24815	9378.8	9411.8
Y_2243	224.306 {4	Cts/S	14267	49.136	0.34441	14232	14302
Y_3600	360.073 { 9	Cts/S	128170	29.874	0.02331	128140	128190
Y_3710	371.030 { 9	Cts/S	12577	161.64	1.2852	12692	12463

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Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0927	0.0009	0.9757	0.0933	0.092
Al3082	308.215 {1	In2306	Cts/S	6.624	0.1645	2.483	6.741	6.508
As1890	189.042 {4	Y_2243	Cts/S	0.1033	0.0015	1.498	0.1044	0.1022
B_2496	249.678 {1	Y_3710	Cts/S	0.0776	0.0008	1.092	0.0782	0.077
Ba4554	455.403 { 7	Y_3710	Cts/S	5.772	0.0806	1.396	5.829	5.715
Be3130	313.042 {1	Y_3710	Cts/S	3.625	0.0405	1.116	3.654	3.597
Ca3158	315.887 {1	In2306	Cts/S	19.79	0.5426	2.741	20.18	19.41
Ca3181	318.128 {1	In2306	Cts/S	4.766	0.1112	2.334	4.845	4.688
Cd2288	228.802 {4	Y_2243	Cts/S	0.8346	0.0084	1.003	0.8405	0.8287
Co2286	228.616 {4	In2306	Cts/S	1.589	0.0158	0.9946	1.601	1.578
Cr2677	267.716 {1	Y_3600	Cts/S	0.1375	0.0016	1.153	0.1386	0.1364
Cu3247	324.754 {1	Y_3600	Cts/S	0.2898	0.003	1.021	0.2919	0.2877
Fe2404	240.488 {1	In2306	Cts/S	21.03	0.6486	3.085	21.49	20.57
K_7664	766.490 { 4	Y_3710	Cts/S	1.377	0.0144	1.048	1.387	1.367
K_7698	769.896 { 4	Y_3710	Cts/S	0.5694	0.0081	1.428	0.5752	0.5637
Li6707	670.784 { 5	Y_3710	Cts/S	4.843	0.0706	1.459	4.893	4.793
Mg2790	279.079 {1	Y_3710	Cts/S	0.1182	0.0012	0.9807	0.119	0.1174
Mn2576	257.610 {1	Y_3600	Cts/S	0.9408	0.0092	0.979	0.9473	0.9343
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.5087	0.0043	0.8359	0.5117	0.5057
Mo2020	202.030 {4	Y_2243	Cts/S	0.5679	0.0058	1.018	0.572	0.5638
Na5895	589.592 { 5	Y_3710	Cts/S	4.317	0.0482	1.116	4.351	4.283
Na8183	818.326 { 4	Y_3710	Cts/S	0.1769	0.0021	1.189	0.1784	0.1754
Ni2316	231.604 {4	In2306	Cts/S	0.8592	0.0075	0.8674	0.8644	0.8539
P_1782	178.284 {4	In2306	Cts/S	0.1146	0.0014	1.254	0.1156	0.1136
Pb2203	220.353 {4	In2306	Cts/S	0.2561	0.0021	0.8389	0.2577	0.2546
Sb2068	206.833 {4	Y_2243	Cts/S	0.0909	0.0009	1.002	0.0916	0.0903
Se1960	196.090 {4	Y_2243	Cts/S	0.0684	0.0008	1.196	0.069	0.0678
Si2516	251.611 {1	Y_3710	Cts/S	0.04	0.0005	1.349	0.0396	0.0404
Sn1899	189.989 {4	In2306	Cts/S	0.4325	0.0047	1.083	0.4358	0.4292
Sr4215	421.552 { 8	Y_3710	Cts/S	3.411	0.0431	1.263	3.441	3.38
Ti3349	334.904 {1	Y_3600	Cts/S	0.2617	0.003	1.135	0.2638	0.2596
Tl1908	190.856 {4	In2306	Cts/S	0.1425	0.0013	0.9005	0.1434	0.1416
V_2924	292.402 {1	Y_3600	Cts/S	0.2333	0.003	1.265	0.2354	0.2312
Zn2062	206.200 {4	In2306	Cts/S	1.97	0.0182	0.9235	1.983	1.957

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	239.52	6.0326	2.5186	235.25	243.79
In2306	230.606 {4	Cts/S	9106.4	66.025	0.72504	9059.7	9153.1
Y_2243	224.306 {4	Cts/S	14140	110.14	0.77889	14063	14218
Y_3600	360.073 { 9	Cts/S	125580	909.48	0.72422	124940	126220
Y_3710	371.030 { 9	Cts/S	12344	106.76	0.86486	12269	12420

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2495	0.0009	0.3524	0.2501	0.2489
Al3082	308.215 {1	In2306	ppm	2.462	0.0729	2.962	2.514	2.411
As1890	189.042 {4	Y_2243	ppm	0.4928	0.0104	2.109	0.4854	0.5001
B_2496	249.678 {1	Y_3710	ppm	0.5054	0.0102	2.019	0.5126	0.4982
Ba4554	455.403 { 7	Y_3710	ppm	0.4958	0.0081	1.644	0.5016	0.4901
Be3130	313.042 {1	Y_3710	ppm	0.5112	0.0087	1.708	0.5173	0.505
Ca3158	315.887 {1	In2306	ppm	12.45	0.1103	0.8865	12.52	12.37
Ca3181	318.128 {1	In2306	ppm	12.57	0.1504	1.196	12.68	12.47
Cd2288	228.802 {4	Y_2243	ppm	0.4961	0.0092	1.858	0.4896	0.5026
Co2286	228.616 {4	In2306	ppm	0.4979	0.0146	2.936	0.4875	0.5082
Cr2677	267.716 {1	Y_3600	ppm	0.5031	0.0007	0.1309	0.5026	0.5036
Cu3247	324.754 {1	Y_3600	ppm	0.5028	0.0004	0.0768	0.503	0.5025
Fe2404	240.488 {1	In2306	ppm	2.499	0.0351	1.403	2.524	2.474
K_7664	766.490 { 4	Y_3710	ppm	12.66	0.3375	2.665	12.9	12.43
K_7698	769.896 { 4	Y_3710	ppm	12.67	0.3361	2.653	12.91	12.43
Li6707	670.784 { 5	Y_3710	ppm	0.5004	0.0174	3.469	0.5127	0.4881
Mg2790	279.079 {1	Y_3710	ppm	5.063	0.1002	1.98	5.134	4.993
Mn2576	257.610 {1	Y_3600	ppm	0.4982	0.0007	0.1463	0.4977	0.4987
Mn2576-2	257.610 {1	Y_3710	ppm	0.4971	0.0064	1.282	0.5016	0.4926
Mo2020	202.030 {4	Y_2243	ppm	0.5117	0.0148	2.896	0.5013	0.5222
Na5895	589.592 { 5	Y_3710	ppm	12.62	0.3755	2.975	12.88	12.35
Na8183	818.326 { 4	Y_3710	ppm	12.39	0.228	1.84	12.55	12.23
Ni2316	231.604 {4	In2306	ppm	0.4931	0.014	2.849	0.4831	0.503
P_1782	178.284 {4	In2306	ppm	0.0045	0.0051	113.3	0.0009	0.0081
Pb2203	220.353 {4	In2306	ppm	0.4914	0.0137	2.786	0.4817	0.501
S_1820	182.034 {4	Y_2243	ppm	-118.1	2.1	1.778	-116.7	-119.6
Sb2068	206.833 {4	Y_2243	ppm	0.5082	0.0161	3.176	0.4968	0.5196
Se1960	196.090 {4	Y_2243	ppm	0.5038	0.0115	2.277	0.4956	0.5119
Si2516	251.611 {1	Y_3710	ppm	0.8811	0.0126	1.425	0.89	0.8723
Sn1899	189.989 {4	In2306	ppm	0.5055	0.0159	3.149	0.4943	0.5168
Sr4215	421.552 { 8	Y_3710	ppm	0.2547	0.0043	1.681	0.2578	0.2517
Ti3349	334.904 {1	Y_3600	ppm	0.5141	0.001	0.2026	0.5134	0.5148
Tl1908	190.856 {4	In2306	ppm	0.4974	0.0095	1.908	0.4906	0.5041
V_2924	292.402 {1	Y_3600	ppm	0.5113	0.0007	0.1281	0.5109	0.5118
Zn2062	206.200 {4	In2306	ppm	0.4925	0.0138	2.811	0.4827	0.5023

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	243.95	2.9937	1.2271	241.84	246.07
In2306	230.606 {4	Cts/S	9558.1	136.03	1.4232	9654.3	9461.9
Y_2243	224.306 {4	Cts/S	14345	164.36	1.1458	14462	14229
Y_3600	360.073 { 9	Cts/S	127090	149.81	0.11788	127200	126980
Y_3710	371.030 { 9	Cts/S	12395	160.32	1.2934	12282	12508

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0.0004	8.518	0.0048	0.0054
Al3082	308.215 {1	In2306	ppm	0.094	0.0133	14.11	0.1033	0.0846
As1890	189.042 {4	Y_2243	ppm	0.0133	0.0068	51.09	0.0085	0.0181
B_2496	249.678 {1	Y_3710	ppm	0.0128	0.0047	36.25	0.0161	0.0096
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0001	0.9448	0.0098	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0001	1.449	0.005	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1177	0.0094	8.026	0.1244	0.1111
Ca3181	318.128 {1	In2306	ppm	0.0887	0.0074	8.323	0.094	0.0835
Cd2288	228.802 {4	Y_2243	ppm	0.01	0.0061	61.03	0.0057	0.0144
Co2286	228.616 {4	In2306	ppm	0.0154	0.0068	44.1	0.0106	0.0202
Cr2677	267.716 {1	Y_3600	ppm	0.0096	0.0001	0.6224	0.0097	0.0096
Cu3247	324.754 {1	Y_3600	ppm	0.011	0.0003	2.467	0.0112	0.0108
Fe2404	240.488 {1	In2306	ppm	0.0947	0.0041	4.356	0.0976	0.0918
K_7664	766.490 { 4	Y_3710	ppm	0.5738	0.0166	2.892	0.562	0.5855
K_7698	769.896 { 4	Y_3710	ppm	0.6486	0.0331	5.097	0.6252	0.672
Li6707	670.784 { 5	Y_3710	ppm	0.0091	0.0005	5.941	0.0095	0.0087
Mg2790	279.079 {1	Y_3710	ppm	0.123	0.0187	15.23	0.1362	0.1097
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0.0001	0.6607	0.0102	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0108	0.0008	7.656	0.0114	0.0102
Mo2020	202.030 {4	Y_2243	ppm	0.0182	0.0081	44.34	0.0125	0.0239
Na5895	589.592 { 5	Y_3710	ppm	0.5678	0.0059	1.046	0.5636	0.572
Na8183	818.326 { 4	Y_3710	ppm	0.5977	0.1662	27.81	0.4801	0.7152
Ni2316	231.604 {4	In2306	ppm	0.0153	0.0063	41.47	0.0108	0.0197
P_1782	178.284 {4	In2306	ppm	0.0062	0.0001	2.102	0.0061	0.0063
Pb2203	220.353 {4	In2306	ppm	0.015	0.0059	39.1	0.0108	0.0191
S_1820	182.034 {4	Y_2243	ppm	-1.076	1.177	109.4	-0.2432	-1.908
Sb2068	206.833 {4	Y_2243	ppm	0.0257	0.0053	20.57	0.022	0.0294
Se1960	196.090 {4	Y_2243	ppm	0.0154	0.0046	30.18	0.0121	0.0186
Si2516	251.611 {1	Y_3710	ppm	0.0027	0.0049	178.9	-0.0007	0.0062
Sn1899	189.989 {4	In2306	ppm	0.0167	0.0072	43.25	0.0116	0.0218
Sr4215	421.552 { 8	Y_3710	ppm	0.005	0	0.9948	0.005	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0103	0.0001	0.8338	0.0102	0.0103
Tl1908	190.856 {4	In2306	ppm	0.0164	0.0071	43.55	0.0114	0.0215
V_2924	292.402 {1	Y_3600	ppm	0.01	0	0.2152	0.01	0.01
Zn2062	206.200 {4	In2306	ppm	0.0152	0.0064	41.85	0.0107	0.0197

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	244.91	0.27815	0.11357	244.71	245.1
In2306	230.606 {4	Cts/S	10019	11.706	0.11683	10011	10027
Y_2243	224.306 {4	Cts/S	14461	33.037	0.22847	14437	14484
Y_3600	360.073 { 9	Cts/S	130710	232.11	0.17758	130870	130550
Y_3710	371.030 { 9	Cts/S	12792	11.221	0.08772	12784	12800

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0003	389.8	0.0001	-0.0002
Al3082	308.215 {1	In2306	ppm	-0.0153	0.0112	73.48	-0.0073	-0.0232
As1890	189.042 {4	Y_2243	ppm	-0.0009	0.0001	9.723	-0.0008	-0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0067	0.0053	78.82	0.0104	0.003
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0003	626.9	0.0002	-0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	58.09	0	0
Ca3158	315.887 {1	In2306	ppm	0.0077	0.0007	9.6	0.0083	0.0072
Ca3181	318.128 {1	In2306	ppm	-0.0225	0.0204	90.73	-0.037	-0.0081
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	72.57	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0003	0.0002	76.79	0.0001	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0	28.04	0.0001	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0002	82.86	-0.0001	-0.0004
Fe2404	240.488 {1	In2306	ppm	0.0054	0.0035	64.36	0.0029	0.0078
K_7664	766.490 { 4	Y_3710	ppm	0.0096	0.0112	117.4	0.0175	0.0016
K_7698	769.896 { 4	Y_3710	ppm	0.03	0.0098	32.67	0.0231	0.0369
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0.0005	113.9	-0.0008	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0206	0.0316	153.6	0.0429	-0.0018
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	606.8	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0015	0.0002	12.55	0.0016	0.0014
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0006	139.7	0	0.0008
Na5895	589.592 { 5	Y_3710	ppm	-0.0026	0.0011	41.43	-0.0018	-0.0033
Na8183	818.326 { 4	Y_3710	ppm	-0.03	0.0131	43.49	-0.0208	-0.0392
Ni2316	231.604 {4	In2306	ppm	0.0005	0.0003	68.76	0.0002	0.0007
P_1782	178.284 {4	In2306	ppm	-0.0017	0.0004	25.96	-0.002	-0.0014
Pb2203	220.353 {4	In2306	ppm	0.0012	0.001	85.94	0.0005	0.0019
S_1820	182.034 {4	Y_2243	ppm	-0.0919	0.2689	292.8	0.0983	-0.282
Sb2068	206.833 {4	Y_2243	ppm	0.0035	0.0002	6.845	0.0036	0.0033
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0002	14.12	0.0011	0.0013
Si2516	251.611 {1	Y_3710	ppm	-0.0015	0.0056	383.2	0.0025	-0.0055
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	91.65	0.0001	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0002	182	0	0.0002
Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0.0002	64.37	-0.0002	-0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0008	622.3	0.0004	-0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0001	22.99	0.0003	0.0002

Zn2062	206.200 {4	In2306	ppm	0.0003	0.0002	82.64	0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	248.89	0.25186	0.10119	249.07	248.72
In2306	230.606 {4	Cts/S	10076	10.498	0.10418	10069	10084
Y_2243	224.306 {4	Cts/S	14469	18.35	0.12683	14456	14482
Y_3600	360.073 { 9	Cts/S	130720	533.58	0.40818	130340	131100
Y_3710	371.030 { 9	Cts/S	12675	2.5362	0.02001	12674	12677

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0007	0.0001	11.95	-0.0007	-0.0008
Al3082	308.215 {1	In2306	ppm	521.4	2.202	0.4223	519.9	523
As1890	189.042 {4	Y_2243	ppm	-0.0028	0.0015	51.85	-0.0018	-0.0039
B_2496	249.678 {1	Y_3710	ppm	0.0017	0.0056	325.7	0.0057	-0.0023
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0006	80.82	0.0011	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	329.2	0	0
Ca3158	315.887 {1	In2306	ppm	516.5	1.329	0.2572	517.4	515.6
Ca3181	318.128 {1	In2306	ppm	524.7	0.634	0.1208	525.2	524.3
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0002	64.72	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0001	0.0003	190.6	0	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0003	14.63	0.0022	0.0018
Cu3247	324.754 {1	Y_3600	ppm	0.0032	0.0001	4.1	0.0031	0.0033
Fe2404	240.488 {1	In2306	ppm	200.8	0.1945	0.0968	200.9	200.7
K_7664	766.490 { 4	Y_3710	ppm	0.0905	0.0048	5.3	0.0871	0.0939
K_7698	769.896 { 4	Y_3710	ppm	-0.0048	0.0025	52.6	-0.003	-0.0066
Li6707	670.784 { 5	Y_3710	ppm	0.0073	0.0001	1.736	0.0074	0.0072
Mg2790	279.079 {1	Y_3710	ppm	588.2	0.8931	0.1518	588.9	587.6
Mn2576	257.610 {1	Y_3600	ppm	-0.0057	0	0.4805	-0.0058	-0.0057
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0073	0.0001	1.204	-0.0072	-0.0074
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0	26.19	-0.0002	-0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0198	0.0016	8.061	0.0186	0.0209
Na8183	818.326 { 4	Y_3710	ppm	0.6381	0.0226	3.541	0.6221	0.6541
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0005	14.15	0.0033	0.004
P_1782	178.284 {4	In2306	ppm	0.0005	0.0008	145	0	0.0011
Pb2203	220.353 {4	In2306	ppm	-0.0095	0.0025	26.13	-0.0113	-0.0078
S_1820	182.034 {4	Y_2243	ppm	21.02	0.4127	1.964	20.72	21.31
Sb2068	206.833 {4	Y_2243	ppm	-0.0011	0.0037	338.3	-0.0038	0.0015
Se1960	196.090 {4	Y_2243	ppm	-0.0005	0	7.348	-0.0005	-0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0032	0.007	217.8	-0.0081	0.0017
Sn1899	189.989 {4	In2306	ppm	0.0015	0.0008	54.39	0.0021	0.001
Sr4215	421.552 { 8	Y_3710	ppm	0.0026	0.0001	4.817	0.0025	0.0027
Ti3349	334.904 {1	Y_3600	ppm	0.002	0.0005	24.74	0.0023	0.0016
Tl1908	190.856 {4	In2306	ppm	-0.0047	0.002	41.54	-0.0033	-0.0061

V_2924	292.402 {1	Y_3600	ppm	-0.003	0.0006	19.28	-0.0035	-0.0026
Zn2062	206.200 {4	In2306	ppm	0.0043	0.0002	3.63	0.0044	0.0042

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	224.32	0.05051	0.02252	224.36	224.29
In2306	230.606 {4	Cts/S	7317.4	35.023	0.47862	7292.6	7342.2
Y_2243	224.306 {4	Cts/S	12669	67.94	0.53627	12621	12717
Y_3600	360.073 { 9	Cts/S	110460	356.59	0.32282	110710	110210
Y_3710	371.030 { 9	Cts/S	11033	2.1365	0.01936	11035	11032

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5537	0.0015	0.2624	0.5547	0.5527
Al3082	308.215 {1	In2306	ppm	540.4	1.364	0.2525	539.4	541.4
As1890	189.042 {4	Y_2243	ppm	1.008	0.0062	0.6191	1.013	1.004
B_2496	249.678 {1	Y_3710	ppm	1.104	0.0065	0.5863	1.108	1.099
Ba4554	455.403 { 7	Y_3710	ppm	1.121	0.0001	0.0076	1.121	1.121
Be3130	313.042 {1	Y_3710	ppm	0.5364	0.0001	0.0268	0.5363	0.5365
Ca3158	315.887 {1	In2306	ppm	523.2	3.465	0.6622	520.8	525.7
Ca3181	318.128 {1	In2306	ppm	532.5	2.975	0.5586	530.4	534.6
Cd2288	228.802 {4	Y_2243	ppm	0.5131	0.0023	0.4428	0.5147	0.5114
Co2286	228.616 {4	In2306	ppm	1.003	0.0031	0.3135	1.005	1
Cr2677	267.716 {1	Y_3600	ppm	0.936	0.0004	0.0414	0.9357	0.9362
Cu3247	324.754 {1	Y_3600	ppm	1.047	0.0048	0.4603	1.051	1.044
Fe2404	240.488 {1	In2306	ppm	209.3	0.7962	0.3805	208.7	209.8
K_7664	766.490 { 4	Y_3710	ppm	11.32	0.0034	0.0297	11.33	11.32
K_7698	769.896 { 4	Y_3710	ppm	11.22	0.0386	0.344	11.19	11.24
Li6707	670.784 { 5	Y_3710	ppm	1.094	0.0042	0.3852	1.091	1.097
Mg2790	279.079 {1	Y_3710	ppm	603.4	0.6018	0.0997	603	603.8
Mn2576	257.610 {1	Y_3600	ppm	0.9282	0.0029	0.3148	0.9261	0.9303
Mn2576-2	257.610 {1	Y_3710	ppm	1.06	0.0056	0.5273	1.056	1.064
Mo2020	202.030 {4	Y_2243	ppm	0.9196	0.0055	0.5965	0.9235	0.9157
Na5895	589.592 { 5	Y_3710	ppm	10.96	0.0279	0.2543	10.94	10.98
Na8183	818.326 { 4	Y_3710	ppm	11.82	0.0049	0.0415	11.81	11.82
Ni2316	231.604 {4	In2306	ppm	0.984	0.0057	0.5843	0.9881	0.9799
P_1782	178.284 {4	In2306	ppm	1.127	0.0038	0.3355	1.13	1.125
Pb2203	220.353 {4	In2306	ppm	0.962	0.0001	0.0117	0.962	0.9619
S_1820	182.034 {4	Y_2243	ppm	21.17	0.1349	0.637	21.27	21.07
Sb2068	206.833 {4	Y_2243	ppm	0.9634	0.0125	1.293	0.9722	0.9546
Se1960	196.090 {4	Y_2243	ppm	0.9973	0.0002	0.0249	0.9974	0.9971
Si2516	251.611 {1	Y_3710	ppm	0.9428	0.0112	1.191	0.9507	0.9348
Sn1899	189.989 {4	In2306	ppm	0.9987	0.0057	0.5691	1.003	0.9947
Sr4215	421.552 { 8	Y_3710	ppm	0.5532	0.0005	0.0913	0.5536	0.5529
Ti3349	334.904 {1	Y_3600	ppm	0.9712	0.0056	0.572	0.9672	0.9751

Tl1908	190.856 {4	In2306	ppm	0.9183	0.0029	0.3205	0.9204	0.9162
V_2924	292.402 {1	Y_3600	ppm	0.9484	0.0023	0.2396	0.9468	0.95
Zn2062	206.200 {4	In2306	ppm	1.009	0.002	0.2007	1.011	1.008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	220.75	0.56013	0.25374	221.15	220.35
In2306	230.606 {4	Cts/S	7249.9	22.773	0.31412	7233.8	7266
Y_2243	224.306 {4	Cts/S	12608	46.743	0.37074	12575	12641
Y_3600	360.073 { 9	Cts/S	110320	414.78	0.37599	110610	110020
Y_3710	371.030 { 9	Cts/S	10776	10.347	0.09602	10768	10783

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2496	0.0013	0.5118	0.2505	0.2487
Al3082	308.215 {1	In2306	ppm	2.553	0.0175	0.6871	2.565	2.541
As1890	189.042 {4	Y_2243	ppm	0.501	0	0.0042	0.501	0.501
B_2496	249.678 {1	Y_3710	ppm	0.4978	0.0025	0.504	0.4961	0.4996
Ba4554	455.403 { 7	Y_3710	ppm	0.4894	0.0026	0.5262	0.4876	0.4912
Be3130	313.042 {1	Y_3710	ppm	0.5041	0	0.0002	0.5041	0.5041
Ca3158	315.887 {1	In2306	ppm	12.81	0.0382	0.2986	12.83	12.78
Ca3181	318.128 {1	In2306	ppm	12.9	0.0294	0.228	12.92	12.88
Cd2288	228.802 {4	Y_2243	ppm	0.4987	0.0014	0.2786	0.4996	0.4977
Co2286	228.616 {4	In2306	ppm	0.5042	0.0032	0.6334	0.5019	0.5065
Cr2677	267.716 {1	Y_3600	ppm	0.4993	0.0009	0.1833	0.4986	0.4999
Cu3247	324.754 {1	Y_3600	ppm	0.5025	0.0042	0.8432	0.5055	0.4995
Fe2404	240.488 {1	In2306	ppm	2.563	0.0153	0.5967	2.574	2.552
K_7664	766.490 { 4	Y_3710	ppm	12.46	0.0355	0.2849	12.43	12.48
K_7698	769.896 { 4	Y_3710	ppm	12.47	0.0566	0.454	12.43	12.51
Li6707	670.784 { 5	Y_3710	ppm	0.4904	0.0064	1.306	0.4858	0.4949
Mg2790	279.079 {1	Y_3710	ppm	4.985	0.0351	0.7038	5.01	4.96
Mn2576	257.610 {1	Y_3600	ppm	0.4979	0.0001	0.0207	0.498	0.4978
Mn2576-2	257.610 {1	Y_3710	ppm	0.4931	0.0006	0.1201	0.4935	0.4926
Mo2020	202.030 {4	Y_2243	ppm	0.5129	0.0009	0.1732	0.5123	0.5136
Na5895	589.592 { 5	Y_3710	ppm	12.38	0.1152	0.9304	12.3	12.46
Na8183	818.326 { 4	Y_3710	ppm	12.46	0.1417	1.138	12.36	12.56
Ni2316	231.604 {4	In2306	ppm	0.5	0.0029	0.5859	0.4979	0.5021
P_1782	178.284 {4	In2306	ppm	0.0052	0.0073	140.3	0	0.0104
Pb2203	220.353 {4	In2306	ppm	0.497	0.004	0.8095	0.4941	0.4998
S_1820	182.034 {4	Y_2243	ppm	-118.7	1.496	1.26	-119.7	-117.6
Sb2068	206.833 {4	Y_2243	ppm	0.5194	0.0001	0.0121	0.5193	0.5194
Se1960	196.090 {4	Y_2243	ppm	0.5112	0.0022	0.4278	0.5096	0.5127
Si2516	251.611 {1	Y_3710	ppm	0.846	0.0189	2.239	0.8326	0.8594
Sn1899	189.989 {4	In2306	ppm	0.5105	0.0037	0.7277	0.5078	0.5131
Sr4215	421.552 { 8	Y_3710	ppm	0.2517	0.0002	0.0978	0.2518	0.2515

Ti3349	334.904 {1	Y_3600	ppm	0.5114	0.0004	0.0739	0.5112	0.5117
Tl1908	190.856 {4	In2306	ppm	0.5081	0.0033	0.6458	0.5057	0.5104
V_2924	292.402 {1	Y_3600	ppm	0.5061	0.0006	0.1103	0.5057	0.5065
Zn2062	206.200 {4	In2306	ppm	0.4997	0.0041	0.8109	0.4968	0.5026

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	236.62	0.45398	0.19186	236.3	236.95
In2306	230.606 {4	Cts/S	9391.1	88.725	0.94477	9453.9	9328.4
Y_2243	224.306 {4	Cts/S	14209	44.498	0.31317	14240	14177
Y_3600	360.073 { 9	Cts/S	127450	42.494	0.03334	127420	127480
Y_3710	371.030 { 9	Cts/S	12431	6.9175	0.05565	12426	12436

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0001	2.09	0.0049	0.0048
Al3082	308.215 {1	In2306	ppm	0.1096	0.0285	26.01	0.0895	0.1298
As1890	189.042 {4	Y_2243	ppm	0.0146	0.0064	43.92	0.01	0.0191
B_2496	249.678 {1	Y_3710	ppm	0.0126	0.0028	22.16	0.0106	0.0146
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0001	1.379	0.0096	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0049	0	0.6029	0.0049	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1163	0.0074	6.353	0.1111	0.1215
Ca3181	318.128 {1	In2306	ppm	0.1084	0.0302	27.91	0.087	0.1297
Cd2288	228.802 {4	Y_2243	ppm	0.01	0.0064	63.35	0.0055	0.0145
Co2286	228.616 {4	In2306	ppm	0.0154	0.0069	45.22	0.0104	0.0203
Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0009	8.577	0.0106	0.0094
Cu3247	324.754 {1	Y_3600	ppm	0.0105	0	0.3645	0.0105	0.0106
Fe2404	240.488 {1	In2306	ppm	0.0992	0.0014	1.417	0.0982	0.1002
K_7664	766.490 { 4	Y_3710	ppm	0.6137	0.0086	1.403	0.6198	0.6076
K_7698	769.896 { 4	Y_3710	ppm	0.6628	0.0498	7.509	0.698	0.6276
Li6707	670.784 { 5	Y_3710	ppm	0.0084	0.0003	3.062	0.0086	0.0082
Mg2790	279.079 {1	Y_3710	ppm	0.0886	0.0082	9.242	0.0944	0.0829
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0	0.1884	0.0102	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0102	0.0003	3.041	0.01	0.0104
Mo2020	202.030 {4	Y_2243	ppm	0.0178	0.0083	46.76	0.0119	0.0237
Na5895	589.592 { 5	Y_3710	ppm	0.5854	0.0004	0.0601	0.5852	0.5857
Na8183	818.326 { 4	Y_3710	ppm	0.7829	0.0214	2.735	0.7677	0.798
Ni2316	231.604 {4	In2306	ppm	0.0154	0.0071	45.98	0.0104	0.0205
P_1782	178.284 {4	In2306	ppm	0.0061	0.0013	21.1	0.0052	0.007
Pb2203	220.353 {4	In2306	ppm	0.0159	0.0054	33.95	0.0121	0.0198
S_1820	182.034 {4	Y_2243	ppm	-0.9101	1.738	191	0.3188	-2.139
Sb2068	206.833 {4	Y_2243	ppm	0.0247	0.0072	29.17	0.0196	0.0298
Se1960	196.090 {4	Y_2243	ppm	0.0161	0.0073	45.47	0.0109	0.0213
Si2516	251.611 {1	Y_3710	ppm	0.0026	0.011	421.2	-0.0052	0.0104
Sn1899	189.989 {4	In2306	ppm	0.0163	0.0074	45.16	0.0111	0.0215

Sr4215	421.552 { 8	Y_3710	ppm	0.005	0.0001	1.135	0.005	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.011	0.0004	3.219	0.0108	0.0113
Tl1908	190.856 {4	In2306	ppm	0.0161	0.0074	46.09	0.0109	0.0214
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0003	2.665	0.0099	0.0102
Zn2062	206.200 {4	In2306	ppm	0.0153	0.0066	43.12	0.0107	0.02

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	240.54	2.7418	1.1399	242.48	238.6
In2306	230.606 {4	Cts/S	9999.3	48.492	0.48495	10034	9965
Y_2243	224.306 {4	Cts/S	14451	30.907	0.21387	14473	14429
Y_3600	360.073 { 9	Cts/S	131120	82.609	0.063	131180	131060
Y_3710	371.030 { 9	Cts/S	12603	54.797	0.43479	12642	12564

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	52.71	-0.0002	-0.0005
Al3082	308.215 {1	In2306	ppm	-0.0115	0.0203	176.1	0.0028	-0.0259
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0008	550.1	0.0007	-0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0031	0.0022	71.47	0.0015	0.0046
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	160.8	0	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	166.2	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0275	0.0586	212.9	0.0139	-0.069
Ca3181	318.128 {1	In2306	ppm	-0.0193	0.0018	9.257	-0.0206	-0.018
Cd2288	228.802 {4	Y_2243	ppm	0	0	86.95	0	0
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	22.62	0.0003	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0003	550.5	0.0002	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0005	0.0001	25.51	0.0006	0.0004
Fe2404	240.488 {1	In2306	ppm	-0.0046	0.0069	151.5	0.0003	-0.0094
K_7664	766.490 { 4	Y_3710	ppm	-0.0136	0.0013	9.664	-0.0126	-0.0145
K_7698	769.896 { 4	Y_3710	ppm	0.0185	0.0069	37.54	0.0234	0.0136
Li6707	670.784 { 5	Y_3710	ppm	-0.0007	0.0003	33.83	-0.0006	-0.0009
Mg2790	279.079 {1	Y_3710	ppm	0.0244	0.0028	11.51	0.0224	0.0264
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	12.9	-0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.001	0.0005	48.74	0.0006	0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0003	82.2	0.0002	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.0024	0.0004	18.5	0.0021	0.0027
Na8183	818.326 { 4	Y_3710	ppm	0.0993	0.1369	137.8	0.0025	0.1961
Ni2316	231.604 {4	In2306	ppm	0.0005	0.0001	11.46	0.0005	0.0004
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0006	64.7	-0.0013	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0004	37.33	0.0007	0.0012
S_1820	182.034 {4	Y_2243	ppm	-0.0184	0.1057	573	0.0563	-0.0931
Sb2068	206.833 {4	Y_2243	ppm	0.0033	0.0004	12.97	0.003	0.0036
Se1960	196.090 {4	Y_2243	ppm	0.0027	0.0005	16.94	0.0024	0.003
Si2516	251.611 {1	Y_3710	ppm	-0.0077	0.009	116.8	-0.0013	-0.0141

Sn1899	189.989 {4	In2306	ppm	0	0.0001	205.4	0	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	125.9	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0001	15.17	0.0004	0.0005
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0002	278	0.0002	-0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0003	0	5.377	0.0003	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0001	0	31.26	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	239.58	1.5773	0.65834	238.47	240.7
In2306	230.606 {4	Cts/S	10048	9.3515	0.09307	10055	10042
Y_2243	224.306 {4	Cts/S	14420	3.6291	0.02517	14423	14418
Y_3600	360.073 { 9	Cts/S	130970	158.87	0.1213	131090	130860
Y_3710	371.030 { 9	Cts/S	12594	23.149	0.18381	12611	12578

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0001	27.43	-0.0004	-0.0003
Al3082	308.215 {1	In2306	ppm	-0.0183	0.0112	61.22	-0.0104	-0.0262
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0011	333.7	0.0011	-0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0002	0.0027	1464	0.0021	-0.0017
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0003	224.4	0.0004	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0	38.12	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0096	0.003	30.82	0.0117	0.0075
Ca3181	318.128 {1	In2306	ppm	-0.0156	0.0305	195.7	0.006	-0.0371
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	60.6	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	56.2	0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0002	109.9	-0.0003	0
Cu3247	324.754 {1	Y_3600	ppm	0.0013	0.0001	8.779	0.0014	0.0012
Fe2404	240.488 {1	In2306	ppm	0.0005	0.0026	480.2	-0.0013	0.0024
K_7664	766.490 { 4	Y_3710	ppm	0.0159	0.0102	64.24	0.0231	0.0087
K_7698	769.896 { 4	Y_3710	ppm	-0.0405	0.0217	53.75	-0.0558	-0.0251
Li6707	670.784 { 5	Y_3710	ppm	-0.0009	0.0001	7.948	-0.0008	-0.0009
Mg2790	279.079 {1	Y_3710	ppm	0.0281	0.0173	61.7	0.0404	0.0158
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	29	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0006	0.0007	119.1	0.0011	0.0001
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	564.7	0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.0029	0.0019	66.53	0.0042	0.0015
Na8183	818.326 { 4	Y_3710	ppm	0.0765	0.1231	161.1	0.1635	-0.0106
Ni2316	231.604 {4	In2306	ppm	0	0.0002	733.3	-0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0034	0.0001	1.706	-0.0034	-0.0033
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0005	88.31	0.0009	0.0002
S_1820	182.034 {4	Y_2243	ppm	-1.201	0.4322	35.99	-1.507	-0.8954
Sb2068	206.833 {4	Y_2243	ppm	0.0005	0.0012	234.2	-0.0003	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.0005	32.39	0.0019	0.0012

Si2516	251.611 {1	Y_3710	ppm	-0.006	0.0027	45.46	-0.0079	-0.004
Sn1899	189.989 {4	In2306	ppm	0	0.0003	999	-0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	10.17	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0	11.98	0.0003	0.0003
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0007	574.8	-0.0006	0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0002	126.7	0	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0023	0.0001	4.057	0.0023	0.0022

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	235.42	1.3166	0.55928	234.49	236.35
In2306	230.606 {4	Cts/S	10066	2.9434	0.02924	10064	10068
Y_2243	224.306 {4	Cts/S	14504	13.067	0.0901	14494	14513
Y_3600	360.073 { 9	Cts/S	131410	23.096	0.01758	131390	131430
Y_3710	371.030 { 9	Cts/S	12727	17.12	0.13451	12739	12715

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4967	0.0009	0.1713	0.4973	0.4961
Al3082	308.215 {1	In2306	ppm	10.03	0.1791	1.785	10.16	9.904
As1890	189.042 {4	Y_2243	ppm	0.9833	0.0004	0.0418	0.983	0.9836
B_2496	249.678 {1	Y_3710	ppm	0.9749	0.0051	0.5265	0.9785	0.9712
Ba4554	455.403 { 7	Y_3710	ppm	0.9836	0.0011	0.1068	0.9844	0.9829
Be3130	313.042 {1	Y_3710	ppm	0.4933	0.0004	0.0809	0.4936	0.493
Ca3158	315.887 {1	In2306	ppm	10.06	0.0433	0.43	10.09	10.03
Ca3181	318.128 {1	In2306	ppm	10.07	0.0135	0.1341	10.06	10.08
Cd2288	228.802 {4	Y_2243	ppm	0.4881	0.0028	0.57	0.4901	0.4862
Co2286	228.616 {4	In2306	ppm	0.9794	0.0059	0.6003	0.9835	0.9752
Cr2677	267.716 {1	Y_3600	ppm	0.9714	0.0038	0.3914	0.9741	0.9687
Cu3247	324.754 {1	Y_3600	ppm	0.985	0.0016	0.1666	0.9862	0.9839
Fe2404	240.488 {1	In2306	ppm	10.01	0.0393	0.3923	10.04	9.987
K_7664	766.490 { 4	Y_3710	ppm	10.38	0.0151	0.1454	10.39	10.37
K_7698	769.896 { 4	Y_3710	ppm	10.25	0.0075	0.0728	10.26	10.25
Li6707	670.784 { 5	Y_3710	ppm	0.5217	0.0047	0.901	0.525	0.5183
Mg2790	279.079 {1	Y_3710	ppm	9.639	0.0001	0.0015	9.639	9.639
Mn2576	257.610 {1	Y_3600	ppm	0.9672	0.0023	0.2415	0.9688	0.9655
Mn2576-2	257.610 {1	Y_3710	ppm	0.951	0.0026	0.2722	0.9491	0.9528
Mo2020	202.030 {4	Y_2243	ppm	0.9873	0.0074	0.7539	0.9925	0.982
Na5895	589.592 { 5	Y_3710	ppm	10.39	0.0554	0.5331	10.43	10.35
Na8183	818.326 { 4	Y_3710	ppm	9.984	0.0651	0.6518	10.03	9.938
Ni2316	231.604 {4	In2306	ppm	0.9649	0.0057	0.5898	0.9689	0.9609
P_1782	178.284 {4	In2306	ppm	-0.0032	0.0008	24.02	-0.0027	-0.0038
Pb2203	220.353 {4	In2306	ppm	0.9723	0.0084	0.86	0.9782	0.9664
S_1820	182.034 {4	Y_2243	ppm	0.1056	0.1946	184.4	0.2432	-0.0321
Sb2068	206.833 {4	Y_2243	ppm	0.9645	0.0027	0.2769	0.9664	0.9626

Se1960	196.090 {4	Y_2243	ppm	0.9891	0.004	0.4081	0.9919	0.9862
Si2516	251.611 {1	Y_3710	ppm	0.8013	0.0017	0.2174	0.8025	0.8
Sn1899	189.989 {4	In2306	ppm	0.9826	0.0089	0.9053	0.9889	0.9763
Sr4215	421.552 { 8	Y_3710	ppm	0.4961	0.0002	0.0377	0.4962	0.4959
Ti3349	334.904 {1	Y_3600	ppm	0.985	0.0006	0.0593	0.9854	0.9846
Tl1908	190.856 {4	In2306	ppm	0.9837	0.0107	1.087	0.9913	0.9761
V_2924	292.402 {1	Y_3600	ppm	0.9833	0.0012	0.1224	0.9824	0.9841
Zn2062	206.200 {4	In2306	ppm	0.9633	0.0079	0.8244	0.9689	0.9577

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	231.92	2.0354	0.87763	230.48	233.36
In2306	230.606 {4	Cts/S	9435.8	2.2526	0.02387	9434.2	9437.4
Y_2243	224.306 {4	Cts/S	14225	22.311	0.15685	14241	14209
Y_3600	360.073 { 9	Cts/S	128190	68.906	0.05375	128240	128140
Y_3710	371.030 { 9	Cts/S	12364	34.434	0.2785	12339	12388

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	215.5	0.0004	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0641	0.0521	81.35	0.1009	0.0272
As1890	189.042 {4	Y_2243	ppm	0.012	0.011	92.27	0.0042	0.0198
B_2496	249.678 {1	Y_3710	ppm	0.3905	0.0019	0.4949	0.3891	0.3919
Ba4554	455.403 { 7	Y_3710	ppm	0.2445	0.0002	0.102	0.2443	0.2446
Be3130	313.042 {1	Y_3710	ppm	0	0	88.61	0.0001	0
Ca3158	315.887 {1	In2306	ppm	92.09	0.6056	0.6576	92.52	91.66
Ca3181	318.128 {1	In2306	ppm	93.18	0.4048	0.4344	93.47	92.89
Cd2288	228.802 {4	Y_2243	ppm	0.0051	0.006	117.5	0.0009	0.0094
Co2286	228.616 {4	In2306	ppm	0.0111	0.0123	111.1	0.0024	0.0198
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0002	27.11	0.001	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0015	0.0001	4.322	0.0014	0.0015
Fe2404	240.488 {1	In2306	ppm	0.0416	0.0066	15.77	0.0369	0.0462
K_7664	766.490 { 4	Y_3710	ppm	35.87	0.0129	0.036	35.88	35.86
K_7698	769.896 { 4	Y_3710	ppm	36.61	0.117	0.3197	36.52	36.69
Li6707	670.784 { 5	Y_3710	ppm	0.035	0.0004	1.033	0.0352	0.0347
Mg2790	279.079 {1	Y_3710	ppm	32.54	0.0695	0.2135	32.59	32.49
Mn2576	257.610 {1	Y_3600	ppm	0.0329	0.0002	0.6136	0.033	0.0327
Mn2576-2	257.610 {1	Y_3710	ppm	0.0322	0.0007	2.135	0.0327	0.0317
Mo2020	202.030 {4	Y_2243	ppm	0.2636	0.0086	3.251	0.2576	0.2697
Na5895	589.592 { 5	Y_3710	ppm	514.5	1.817	0.3531	515.8	513.2
Na8183	818.326 { 4	Y_3710	ppm	615.5	1.795	0.2916	614.3	616.8
Ni2316	231.604 {4	In2306	ppm	0.016	0.0121	75.7	0.0074	0.0245
P_1782	178.284 {4	In2306	ppm	0.1786	0.0048	2.696	0.182	0.1752
Pb2203	220.353 {4	In2306	ppm	0.0099	0.0105	106.1	0.0025	0.0173
S_1820	182.034 {4	Y_2243	ppm	-25990	380.5	1.464	-26260	-25720

Sb2068	206.833 {4	Y_2243	ppm	0.0235	0.0094	39.78	0.0169	0.0302
Se1960	196.090 {4	Y_2243	ppm	0.0122	0.0094	76.82	0.0056	0.0188
Si2516	251.611 {1	Y_3710	ppm	4.681	0.0174	0.3712	4.693	4.668
Sn1899	189.989 {4	In2306	ppm	0.0132	0.013	98.28	0.004	0.0224
Sr4215	421.552 { 8	Y_3710	ppm	1.252	0.0026	0.2072	1.25	1.254
Ti3349	334.904 {1	Y_3600	ppm	0.0029	0.0002	7.87	0.003	0.0027
Tl1908	190.856 {4	In2306	ppm	0.0117	0.0101	86.81	0.0045	0.0189
V_2924	292.402 {1	Y_3600	ppm	0.0128	0.0001	0.4016	0.0127	0.0128
Zn2062	206.200 {4	In2306	ppm	0.0284	0.0124	43.47	0.0197	0.0372

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	225.28	0.62773	0.27865	224.83	225.72
In2306	230.606 {4	Cts/S	7815.6	13.36	0.17094	7806.2	7825.1
Y_2243	224.306 {4	Cts/S	12727	26.693	0.20973	12708	12746
Y_3600	360.073 { 9	Cts/S	111470	212.11	0.19028	111320	111620
Y_3710	371.030 { 9	Cts/S	12179	3.8389	0.03152	12181	12176

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	302.5	-0.0002	0.0001
Al3082	308.215 {1	In2306	ppm	0.0473	0.0158	33.32	0.0362	0.0585
As1890	189.042 {4	Y_2243	ppm	0.0046	0.0006	13.11	0.0042	0.0051
B_2496	249.678 {1	Y_3710	ppm	0.3947	0.0032	0.8055	0.3924	0.3969
Ba4554	455.403 { 7	Y_3710	ppm	0.2444	0.0005	0.2181	0.244	0.2448
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	77.84	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	91.37	0.7821	0.856	90.82	91.93
Ca3181	318.128 {1	In2306	ppm	92.57	1.053	1.138	91.83	93.32
Cd2288	228.802 {4	Y_2243	ppm	0.0008	0.0007	89.26	0.0003	0.0013
Co2286	228.616 {4	In2306	ppm	0.0016	0.0015	89.77	0.0006	0.0027
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0007	85.53	0.0013	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0012	0	3.523	0.0012	0.0012
Fe2404	240.488 {1	In2306	ppm	0.0396	0.0124	31.2	0.0483	0.0309
K_7664	766.490 { 4	Y_3710	ppm	36.22	0.0633	0.1749	36.17	36.26
K_7698	769.896 { 4	Y_3710	ppm	36.95	0.1536	0.4158	36.84	37.06
Li6707	670.784 { 5	Y_3710	ppm	0.0349	0.0002	0.5658	0.0347	0.035
Mg2790	279.079 {1	Y_3710	ppm	32.82	0.0616	0.1876	32.86	32.77
Mn2576	257.610 {1	Y_3600	ppm	0.0262	0.0001	0.2541	0.0262	0.0263
Mn2576-2	257.610 {1	Y_3710	ppm	0.0267	0.0006	2.26	0.0271	0.0262
Mo2020	202.030 {4	Y_2243	ppm	0.2534	0.0013	0.5032	0.2543	0.2525
Na5895	589.592 { 5	Y_3710	ppm	521.4	5.701	1.093	525.4	517.3
Na8183	818.326 { 4	Y_3710	ppm	615.8	2.163	0.3512	614.3	617.4
Ni2316	231.604 {4	In2306	ppm	0.0069	0.001	13.83	0.0062	0.0076
P_1782	178.284 {4	In2306	ppm	0.1808	0.0033	1.849	0.1831	0.1784
Pb2203	220.353 {4	In2306	ppm	0.0015	0.002	138.2	0	0.0029

S_1820	182.034 {4	Y_2243	ppm	-26000	289.5	1.113	-26210	-25800
Sb2068	206.833 {4	Y_2243	ppm	0.0076	0.0009	12.04	0.007	0.0083
Se1960	196.090 {4	Y_2243	ppm	0.0055	0.0009	16.78	0.0049	0.0062
Si2516	251.611 {1	Y_3710	ppm	4.721	0.0137	0.2906	4.731	4.711
Sn1899	189.989 {4	In2306	ppm	0.0017	0.0013	79.04	0.0008	0.0027
Sr4215	421.552 { 8	Y_3710	ppm	1.254	0.0039	0.3133	1.252	1.257
Ti3349	334.904 {1	Y_3600	ppm	0.0015	0.0002	13.11	0.0016	0.0013
Tl1908	190.856 {4	In2306	ppm	0.0014	0.001	70.47	0.0007	0.002
V_2924	292.402 {1	Y_3600	ppm	0.013	0.0001	0.483	0.013	0.0131
Zn2062	206.200 {4	In2306	ppm	0.0185	0.001	5.378	0.0178	0.0192

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	226.66	2.3039	1.0165	228.29	225.03
In2306	230.606 {4	Cts/S	7812.6	0.87442	0.01119	7813.2	7812
Y_2243	224.306 {4	Cts/S	12708	22.637	0.17813	12724	12692
Y_3600	360.073 { 9	Cts/S	111140	252.3	0.22701	111320	110960
Y_3710	371.030 { 9	Cts/S	12089	7.0834	0.0586	12094	12084

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Custom ID3=
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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5442	0.0003	0.0477	0.544	0.5444
Al3082	308.215 {1	In2306	ppm	10.27	0.2208	2.15	10.43	10.12
As1890	189.042 {4	Y_2243	ppm	1.065	0.0143	1.338	1.075	1.055
B_2496	249.678 {1	Y_3710	ppm	1.346	0.0236	1.749	1.363	1.33
Ba4554	455.403 { 7	Y_3710	ppm	1.219	0.0153	1.259	1.23	1.208
Be3130	313.042 {1	Y_3710	ppm	0.486	0.002	0.4165	0.4874	0.4846
Ca3158	315.887 {1	In2306	ppm	103.7	0.9612	0.9266	104.4	103.1
Ca3181	318.128 {1	In2306	ppm	104.5	1.152	1.102	105.4	103.7
Cd2288	228.802 {4	Y_2243	ppm	0.5151	0.0013	0.2557	0.516	0.5141
Co2286	228.616 {4	In2306	ppm	1.035	0.0097	0.9335	1.041	1.028
Cr2677	267.716 {1	Y_3600	ppm	0.962	0.0036	0.3726	0.9645	0.9594
Cu3247	324.754 {1	Y_3600	ppm	1.012	0.0017	0.1687	1.01	1.013
Fe2404	240.488 {1	In2306	ppm	10.26	0.1215	1.184	10.34	10.17
K_7664	766.490 { 4	Y_3710	ppm	45.29	0.9225	2.037	45.94	44.63
K_7698	769.896 { 4	Y_3710	ppm	46.25	0.7899	1.708	46.81	45.69
Li6707	670.784 { 5	Y_3710	ppm	0.5	0.0165	3.302	0.5117	0.4883
Mg2790	279.079 {1	Y_3710	ppm	42.44	0.3826	0.9014	42.17	42.71
Mn2576	257.610 {1	Y_3600	ppm	0.9896	0.0011	0.109	0.9904	0.9889
Mn2576-2	257.610 {1	Y_3710	ppm	0.9626	0.0011	0.1151	0.9634	0.9619
Mo2020	202.030 {4	Y_2243	ppm	1.228	0.0038	0.3112	1.231	1.226
Na5895	589.592 { 5	Y_3710	ppm	515.8	8.219	1.593	521.6	510
Na8183	818.326 { 4	Y_3710	ppm	621.6	8.928	1.436	627.9	615.3
Ni2316	231.604 {4	In2306	ppm	1.022	0.0116	1.132	1.03	1.014
P_1782	178.284 {4	In2306	ppm	0.1794	0.0005	0.2905	0.1798	0.179

Pb2203	220.353 {4	In2306	ppm	0.9939	0.0091	0.9143	1	0.9875
S_1820	182.034 {4	Y_2243	ppm	-25860	39.47	0.1526	-25890	-25840
Sb2068	206.833 {4	Y_2243	ppm	1.014	0.0087	0.859	1.02	1.008
Se1960	196.090 {4	Y_2243	ppm	1.085	0.0003	0.0296	1.085	1.085
Si2516	251.611 {1	Y_3710	ppm	5.509	0.0157	0.2847	5.52	5.498
Sn1899	189.989 {4	In2306	ppm	1.039	0.0122	1.178	1.048	1.03
Sr4215	421.552 { 8	Y_3710	ppm	1.734	0.0181	1.045	1.747	1.721
Ti3349	334.904 {1	Y_3600	ppm	0.9927	0.0001	0.0076	0.9926	0.9927
Tl1908	190.856 {4	In2306	ppm	0.9466	0.0159	1.685	0.9579	0.9353
V_2924	292.402 {1	Y_3600	ppm	1.007	0.0008	0.077	1.007	1.006
Zn2062	206.200 {4	In2306	ppm	1.08	0.0122	1.127	1.089	1.072

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	222.96	4.0771	1.8286	220.08	225.84
In2306	230.606 {4	Cts/S	7709.6	17.335	0.22485	7697.4	7721.9
Y_2243	224.306 {4	Cts/S	12765	21.337	0.16715	12780	12750
Y_3600	360.073 { 9	Cts/S	111750	172.8	0.15463	111870	111630
Y_3710	371.030 { 9	Cts/S	12157	58.05	0.47752	12116	12198

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5383	0.0006	0.1145	0.5388	0.5379
Al3082	308.215 {1	In2306	ppm	10.29	0.0113	0.1101	10.3	10.28
As1890	189.042 {4	Y_2243	ppm	1.056	0.0116	1.099	1.065	1.048
B_2496	249.678 {1	Y_3710	ppm	1.356	0	0.0021	1.356	1.356
Ba4554	455.403 { 7	Y_3710	ppm	1.216	0.0023	0.1866	1.218	1.215
Be3130	313.042 {1	Y_3710	ppm	0.489	0.0002	0.0322	0.4892	0.4889
Ca3158	315.887 {1	In2306	ppm	103.6	0.0803	0.0775	103.7	103.6
Ca3181	318.128 {1	In2306	ppm	104.8	0.2411	0.2301	105	104.6
Cd2288	228.802 {4	Y_2243	ppm	0.5111	0.0032	0.617	0.5133	0.5089
Co2286	228.616 {4	In2306	ppm	1.023	0.0027	0.2677	1.025	1.021
Cr2677	267.716 {1	Y_3600	ppm	0.9603	0.001	0.1066	0.961	0.9595
Cu3247	324.754 {1	Y_3600	ppm	1.006	0.002	0.1955	1.005	1.007
Fe2404	240.488 {1	In2306	ppm	10.31	0.0271	0.2628	10.29	10.33
K_7664	766.490 { 4	Y_3710	ppm	45.3	0.1397	0.3084	45.2	45.4
K_7698	769.896 { 4	Y_3710	ppm	46.38	0.0914	0.197	46.31	46.44
Li6707	670.784 { 5	Y_3710	ppm	0.5006	0.0014	0.2804	0.4996	0.5016
Mg2790	279.079 {1	Y_3710	ppm	42.47	0.2699	0.6356	42.66	42.28
Mn2576	257.610 {1	Y_3600	ppm	0.9788	0.0004	0.0397	0.9791	0.9785
Mn2576-2	257.610 {1	Y_3710	ppm	0.9667	0.004	0.4131	0.9695	0.9639
Mo2020	202.030 {4	Y_2243	ppm	1.222	0.0094	0.768	1.229	1.215
Na5895	589.592 { 5	Y_3710	ppm	515.1	12.39	2.405	523.9	506.3
Na8183	818.326 { 4	Y_3710	ppm	619.1	0.32	0.0517	619.4	618.9
Ni2316	231.604 {4	In2306	ppm	1.011	0.0036	0.3587	1.014	1.008

P_1782	178.284 {4	In2306	ppm	0.1783	0.0019	1.048	0.1796	0.1769
Pb2203	220.353 {4	In2306	ppm	0.9815	0.0016	0.1652	0.9803	0.9826
S_1820	182.034 {4	Y_2243	ppm	-25510	119.6	0.4688	-25600	-25430
Sb2068	206.833 {4	Y_2243	ppm	1.018	0.0133	1.303	1.028	1.009
Se1960	196.090 {4	Y_2243	ppm	1.077	0.0063	0.5826	1.081	1.072
Si2516	251.611 {1	Y_3710	ppm	5.552	0.043	0.7754	5.582	5.521
Sn1899	189.989 {4	In2306	ppm	1.029	0.0029	0.2811	1.031	1.027
Sr4215	421.552 { 8	Y_3710	ppm	1.727	0.0011	0.0624	1.728	1.726
Ti3349	334.904 {1	Y_3600	ppm	0.9849	0.0012	0.1194	0.9858	0.9841
Tl1908	190.856 {4	In2306	ppm	0.9343	0.0074	0.7971	0.9396	0.9291
V_2924	292.402 {1	Y_3600	ppm	1.002	0.0008	0.0812	1.001	1.003
Zn2062	206.200 {4	In2306	ppm	1.065	0.0005	0.0423	1.065	1.065

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	220.66	0.07125	0.03229	220.71	220.61
In2306	230.606 {4	Cts/S	7740.7	19.201	0.24806	7727.1	7754.3
Y_2243	224.306 {4	Cts/S	12787	57.222	0.44751	12746	12827
Y_3600	360.073 { 9	Cts/S	112510	195.04	0.17336	112370	112650
Y_3710	371.030 { 9	Cts/S	12098	42.452	0.3509	12068	12128

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	1764	-0.0001	0.0001
Al3082	308.215 {1	In2306	ppm	0.1236	0.0022	1.783	0.122	0.1251
As1890	189.042 {4	Y_2243	ppm	0.038	0.0372	97.9	0.0117	0.0643
B_2496	249.678 {1	Y_3710	ppm	0.2211	0.0071	3.232	0.2161	0.2262
Ba4554	455.403 { 7	Y_3710	ppm	0.1585	0.0003	0.1691	0.1583	0.1586
Be3130	313.042 {1	Y_3710	ppm	0	0	588.4	0	0
Ca3158	315.887 {1	In2306	ppm	29.62	0.1451	0.49	29.52	29.72
Ca3181	318.128 {1	In2306	ppm	29.94	0.3118	1.041	29.72	30.16
Cd2288	228.802 {4	Y_2243	ppm	0.0189	0.0195	103.4	0.0051	0.0327
Co2286	228.616 {4	In2306	ppm	0.0395	0.0398	100.6	0.0114	0.0677
Cr2677	267.716 {1	Y_3600	ppm	0.0014	0.0006	45.04	0.001	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.0017	0.0006	32.5	0.0013	0.0021
Fe2404	240.488 {1	In2306	ppm	5.144	0.0549	1.067	5.105	5.182
K_7664	766.490 { 4	Y_3710	ppm	7.85	0.0385	0.4907	7.877	7.823
K_7698	769.896 { 4	Y_3710	ppm	7.944	0.0387	0.4872	7.972	7.917
Li6707	670.784 { 5	Y_3710	ppm	0.075	0.0015	1.977	0.0761	0.074
Mg2790	279.079 {1	Y_3710	ppm	26.13	0.2205	0.8439	26.29	25.97
Mn2576	257.610 {1	Y_3600	ppm	0.2939	0.0002	0.0802	0.2937	0.294
Mn2576-2	257.610 {1	Y_3710	ppm	0.2799	0.0001	0.0276	0.28	0.2799
Mo2020	202.030 {4	Y_2243	ppm	0.0557	0.0511	91.65	0.0196	0.0918
Na5895	589.592 { 5	Y_3710	ppm	240.7	2.126	0.883	242.2	239.2
Na8183	818.326 { 4	Y_3710	ppm	265.7	0.7771	0.2924	266.3	265.2

Ni2316	231.604 {4	In2306	ppm	0.0601	0.0382	63.55	0.0331	0.0871
P_1782	178.284 {4	In2306	ppm	0.0201	0.006	30.01	0.0159	0.0244
Pb2203	220.353 {4	In2306	ppm	0.0346	0.0379	109.5	0.0078	0.0614
S_1820	182.034 {4	Y_2243	ppm	-3989	776.3	19.46	-3441	-4538
Sb2068	206.833 {4	Y_2243	ppm	0.0496	0.0358	72.2	0.0243	0.075
Se1960	196.090 {4	Y_2243	ppm	0.0351	0.0369	105.1	0.009	0.0612
Si2516	251.611 {1	Y_3710	ppm	0.2716	0.0005	0.1806	0.2719	0.2712
Sn1899	189.989 {4	In2306	ppm	0.0428	0.0403	94.21	0.0143	0.0713
Sr4215	421.552 { 8	Y_3710	ppm	0.3896	0	0.0062	0.3897	0.3896
Ti3349	334.904 {1	Y_3600	ppm	0.0044	0.0003	6.688	0.0042	0.0046
Tl1908	190.856 {4	In2306	ppm	0.0392	0.0379	96.86	0.0123	0.066
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0007	441.2	-0.0007	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0672	0.0399	59.35	0.039	0.0955

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	229.03	1.3998	0.61121	230.02	228.04
In2306	230.606 {4	Cts/S	8389	24.394	0.29078	8406.3	8371.8
Y_2243	224.306 {4	Cts/S	13245	22.328	0.16858	13229	13261
Y_3600	360.073 { 9	Cts/S	116800	204.61	0.17518	116940	116650
Y_3710	371.030 { 9	Cts/S	12376	3.7085	0.02997	12373	12378

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0004	72.39	-0.0008	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0061	0.0238	387.7	-0.0107	0.023
As1890	189.042 {4	Y_2243	ppm	0.0038	0.0041	107.4	0.0009	0.0067
B_2496	249.678 {1	Y_3710	ppm	0.2881	0.0026	0.9027	0.2862	0.2899
Ba4554	455.403 { 7	Y_3710	ppm	0.0136	0.0001	1.078	0.0135	0.0137
Be3130	313.042 {1	Y_3710	ppm	0	0	87.19	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	79.05	0.3725	0.4711	79.32	78.79
Ca3181	318.128 {1	In2306	ppm	79.52	0.131	0.1647	79.61	79.42
Cd2288	228.802 {4	Y_2243	ppm	0.0018	0.0018	101	0.0005	0.003
Co2286	228.616 {4	In2306	ppm	0.0035	0.0037	105.3	0.0009	0.0061
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0003	33.24	0.0012	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0014	0.0004	26.9	0.0011	0.0017
Fe2404	240.488 {1	In2306	ppm	4.474	0.0151	0.3372	4.484	4.463
K_7664	766.490 { 4	Y_3710	ppm	10.9	0.1456	1.336	10.8	11
K_7698	769.896 { 4	Y_3710	ppm	11	0.1104	1.004	10.92	11.08
Li6707	670.784 { 5	Y_3710	ppm	0.0747	0.0017	2.26	0.0735	0.0759
Mg2790	279.079 {1	Y_3710	ppm	40.18	0.3835	0.9543	39.91	40.46
Mn2576	257.610 {1	Y_3600	ppm	0.0501	0.0014	2.824	0.0511	0.0491
Mn2576-2	257.610 {1	Y_3710	ppm	0.0487	0.0003	0.6741	0.049	0.0485
Mo2020	202.030 {4	Y_2243	ppm	0.0053	0.0049	91.54	0.0019	0.0088
Na5895	589.592 { 5	Y_3710	ppm	204.6	9.483	4.635	197.9	211.3

Na8183	818.326 { 4	Y_3710	ppm	223.4	2.055	0.9201	221.9	224.8
Ni2316	231.604 {4	In2306	ppm	0.0059	0.004	67.51	0.0031	0.0087
P_1782	178.284 {4	In2306	ppm	0.003	0.0009	30.53	0.0023	0.0036
Pb2203	220.353 {4	In2306	ppm	0.0032	0.0019	59.96	0.0019	0.0046
S_1820	182.034 {4	Y_2243	ppm	-9567	111.1	1.161	-9645	-9488
Sb2068	206.833 {4	Y_2243	ppm	0.009	0.0051	56.74	0.0054	0.0126
Se1960	196.090 {4	Y_2243	ppm	0.0051	0.0033	64.58	0.0028	0.0074
Si2516	251.611 {1	Y_3710	ppm	0.275	0.0023	0.8484	0.2734	0.2767
Sn1899	189.989 {4	In2306	ppm	0.0039	0.0035	89.56	0.0014	0.0063
Sr4215	421.552 { 8	Y_3710	ppm	0.9061	0.0082	0.9042	0.9003	0.9119
Ti3349	334.904 {1	Y_3600	ppm	0.0014	0.0001	8.964	0.0015	0.0013
Tl1908	190.856 {4	In2306	ppm	0.0035	0.0051	143.2	0	0.0071
V_2924	292.402 {1	Y_3600	ppm	-0.0008	0.0002	26.73	-0.0006	-0.0009
Zn2062	206.200 {4	In2306	ppm	0.0102	0.004	39.59	0.0073	0.013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	222.05	0.82747	0.37265	221.46	222.63
In2306	230.606 {4	Cts/S	8368.6	3.4016	0.04065	8371	8366.2
Y_2243	224.306 {4	Cts/S	13166	13.714	0.10416	13157	13176
Y_3600	360.073 { 9	Cts/S	117760	3115	2.6453	115560	119960
Y_3710	371.030 { 9	Cts/S	12278	119.39	0.97235	12363	12194

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0	12.52	-0.0003	-0.0003
Al3082	308.215 {1	In2306	ppm	0.022	0.0135	61.44	0.0315	0.0124
As1890	189.042 {4	Y_2243	ppm	0.0014	0.0014	99.95	0.0024	0.0004
B_2496	249.678 {1	Y_3710	ppm	0.1272	0.0004	0.2904	0.127	0.1275
Ba4554	455.403 { 7	Y_3710	ppm	0.0699	0	0.0357	0.0699	0.0699
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	47.16	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	79.11	0.3477	0.4395	78.87	79.36
Ca3181	318.128 {1	In2306	ppm	79.93	0.064	0.0801	79.88	79.97
Cd2288	228.802 {4	Y_2243	ppm	0	0.0002	1079	-0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0005	0.0003	55.58	0.0003	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0031	0.0001	2.96	0.0032	0.003
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0	1.808	0.0024	0.0025
Fe2404	240.488 {1	In2306	ppm	7.615	0.0095	0.1247	7.608	7.622
K_7664	766.490 { 4	Y_3710	ppm	25.33	0.0465	0.1834	25.36	25.29
K_7698	769.896 { 4	Y_3710	ppm	25.72	0.0099	0.0385	25.72	25.71
Li6707	670.784 { 5	Y_3710	ppm	0.0174	0.001	5.737	0.0167	0.0181
Mg2790	279.079 {1	Y_3710	ppm	24.68	0.0444	0.1798	24.65	24.71
Mn2576	257.610 {1	Y_3600	ppm	1.305	0.0012	0.0888	1.306	1.304
Mn2576-2	257.610 {1	Y_3710	ppm	1.249	0.0033	0.2607	1.251	1.247
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0002	57.5	0.0002	0.0005

Na5895	589.592 { 5	Y_3710	ppm	146	0.0764	0.0524	146.1	146
Na8183	818.326 { 4	Y_3710	ppm	158.2	0.0169	0.0107	158.2	158.2
Ni2316	231.604 {4	In2306	ppm	0.0203	0	0.056	0.0203	0.0203
P_1782	178.284 {4	In2306	ppm	0.0009	0.0002	24.53	0.0007	0.001
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0004	106.9	-0.0006	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-3989	24.45	0.613	-3971	-4006
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0001	10.61	0.0013	0.0011
Se1960	196.090 {4	Y_2243	ppm	0.0014	0.0019	138	0	0.0028
Si2516	251.611 {1	Y_3710	ppm	0.2167	0.0004	0.185	0.2164	0.217
Sn1899	189.989 {4	In2306	ppm	0.0006	0	0.6751	0.0006	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.4155	0.0005	0.1275	0.4152	0.4159
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0001	14.07	0.001	0.0009
Tl1908	190.856 {4	In2306	ppm	-0.0011	0.0007	60.7	-0.0006	-0.0016
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0001	23.37	-0.0004	-0.0006
Zn2062	206.200 {4	In2306	ppm	0.0054	0	0.2708	0.0054	0.0054

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	222.97	0.50777	0.22773	223.33	222.61
In2306	230.606 {4	Cts/S	8477.2	17.223	0.20317	8489.4	8465
Y_2243	224.306 {4	Cts/S	13259	25.28	0.19066	13277	13241
Y_3600	360.073 { 9	Cts/S	117100	273.1	0.23323	116900	117290
Y_3710	371.030 { 9	Cts/S	12318	13.922	0.11303	12327	12308

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	2320	0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.7433	0.0343	4.611	0.7675	0.719
As1890	189.042 {4	Y_2243	ppm	0.0004	0	7.434	0.0004	0.0004
B_2496	249.678 {1	Y_3710	ppm	0.1148	0.0001	0.105	0.1149	0.1147
Ba4554	455.403 { 7	Y_3710	ppm	0.0688	0.0001	0.1135	0.0688	0.0689
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	97.43	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	230.4	1.846	0.8011	231.7	229.1
Ca3181	318.128 {1	In2306	ppm	232.2	2.025	0.872	233.6	230.7
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	30.86	0.0003	0.0005
Co2286	228.616 {4	In2306	ppm	0.0016	0.0001	7.847	0.0017	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.0017	0	0.1017	0.0017	0.0017
Cu3247	324.754 {1	Y_3600	ppm	0.0188	0.0002	0.9743	0.0189	0.0187
Fe2404	240.488 {1	In2306	ppm	0.1603	0.0011	0.6863	0.1596	0.1611
K_7664	766.490 { 4	Y_3710	ppm	21	0.0458	0.2179	20.97	21.03
K_7698	769.896 { 4	Y_3710	ppm	21.46	0.1559	0.7262	21.35	21.57
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0.0003	2.939	0.01	0.0096
Mg2790	279.079 {1	Y_3710	ppm	40.35	0.1683	0.4172	40.23	40.47
Mn2576	257.610 {1	Y_3600	ppm	0.0657	0.0001	0.2233	0.0656	0.0658
Mn2576-2	257.610 {1	Y_3710	ppm	0.065	0	0.0156	0.065	0.065

Mo2020	202.030 {4	Y_2243	ppm	0.0038	0.0001	2.983	0.0039	0.0037
Na5895	589.592 { 5	Y_3710	ppm	750.3	15.58	2.077	761.3	739.3
Na8183	818.326 { 4	Y_3710	ppm	959.6	1.207	0.1258	958.8	960.5
Ni2316	231.604 {4	In2306	ppm	0.0135	0.0001	0.4531	0.0135	0.0136
P_1782	178.284 {4	In2306	ppm	0.1564	0.0039	2.504	0.1592	0.1537
Pb2203	220.353 {4	In2306	ppm	0.009	0.0023	25.18	0.0074	0.0106
S_1820	182.034 {4	Y_2243	ppm	-46340	396.4	0.8555	-46620	-46060
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0	51.58	0.0001	0.0001
Se1960	196.090 {4	Y_2243	ppm	0.0022	0.001	44.96	0.0015	0.0028
Si2516	251.611 {1	Y_3710	ppm	18.29	0.0205	0.1122	18.27	18.3
Sn1899	189.989 {4	In2306	ppm	0	0.0005	1373	-0.0004	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.4784	0.0011	0.2302	0.4777	0.4792
Ti3349	334.904 {1	Y_3600	ppm	0.0017	0.0005	32.24	0.002	0.0013
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0002	154.3	0	-0.0003
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	20.87	0.0003	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0959	0.001	1.093	0.0966	0.0951

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	222.69	1.8272	0.82052	221.4	223.98
In2306	230.606 {4	Cts/S	7385.7	10.761	0.1457	7378.1	7393.3
Y_2243	224.306 {4	Cts/S	12310	17.253	0.14015	12298	12322
Y_3600	360.073 { 9	Cts/S	107100	15.995	0.01493	107110	107090
Y_3710	371.030 { 9	Cts/S	11978	38.089	0.31799	12005	11951

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.25	0.0015	0.5931	0.251	0.2489
Al3082	308.215 {1	In2306	ppm	2.588	0.0564	2.181	2.628	2.548
As1890	189.042 {4	Y_2243	ppm	0.5009	0.0073	1.451	0.5061	0.4958
B_2496	249.678 {1	Y_3710	ppm	0.4861	0.0089	1.834	0.4797	0.4924
Ba4554	455.403 { 7	Y_3710	ppm	0.4908	0.0008	0.1617	0.4914	0.4903
Be3130	313.042 {1	Y_3710	ppm	0.4969	0.0008	0.153	0.4964	0.4975
Ca3158	315.887 {1	In2306	ppm	12.99	0.2081	1.603	13.13	12.84
Ca3181	318.128 {1	In2306	ppm	12.95	0.2168	1.674	13.1	12.8
Cd2288	228.802 {4	Y_2243	ppm	0.4997	0.001	0.1932	0.5004	0.499
Co2286	228.616 {4	In2306	ppm	0.5008	0.001	0.193	0.5015	0.5001
Cr2677	267.716 {1	Y_3600	ppm	0.5027	0.001	0.199	0.5034	0.502
Cu3247	324.754 {1	Y_3600	ppm	0.4985	0.0005	0.1103	0.4981	0.4988
Fe2404	240.488 {1	In2306	ppm	2.573	0.0427	1.661	2.603	2.543
K_7664	766.490 { 4	Y_3710	ppm	12.61	0.1469	1.165	12.71	12.5
K_7698	769.896 { 4	Y_3710	ppm	12.6	0.0841	0.6675	12.66	12.54
Li6707	670.784 { 5	Y_3710	ppm	0.4974	0.0075	1.511	0.5027	0.4921
Mg2790	279.079 {1	Y_3710	ppm	4.893	0.0773	1.58	4.838	4.947
Mn2576	257.610 {1	Y_3600	ppm	0.4986	0.0021	0.4199	0.5001	0.4971

Mn2576-2	257.610 {1	Y_3710	ppm	0.4804	0.0013	0.2735	0.4794	0.4813
Mo2020	202.030 {4	Y_2243	ppm	0.5083	0.0035	0.6825	0.5108	0.5059
Na5895	589.592 { 5	Y_3710	ppm	12.62	0.1822	1.444	12.74	12.49
Na8183	818.326 { 4	Y_3710	ppm	12.58	0.0941	0.748	12.64	12.51
Ni2316	231.604 {4	In2306	ppm	0.4948	0.0003	0.0513	0.495	0.4946
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0002	24.3	-0.0008	-0.0006
Pb2203	220.353 {4	In2306	ppm	0.4982	0.0006	0.124	0.4978	0.4987
S_1820	182.034 {4	Y_2243	ppm	-160	48.5	30.32	-125.7	-194.3
Sb2068	206.833 {4	Y_2243	ppm	0.4926	0.0016	0.3209	0.4937	0.4914
Se1960	196.090 {4	Y_2243	ppm	0.5063	0.0021	0.4079	0.5077	0.5048
Si2516	251.611 {1	Y_3710	ppm	0.9115	0.0162	1.783	0.9	0.923
Sn1899	189.989 {4	In2306	ppm	0.5042	0.0019	0.3775	0.5056	0.5029
Sr4215	421.552 { 8	Y_3710	ppm	0.252	0.0003	0.1137	0.2522	0.2518
Ti3349	334.904 {1	Y_3600	ppm	0.5098	0.0007	0.1355	0.5103	0.5093
Tl1908	190.856 {4	In2306	ppm	0.501	0.003	0.604	0.5032	0.4989
V_2924	292.402 {1	Y_3600	ppm	0.507	0.0003	0.067	0.5072	0.5067
Zn2062	206.200 {4	In2306	ppm	0.497	0.0015	0.2921	0.498	0.496

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	229.94	4.5139	1.9631	226.75	233.13
In2306	230.606 {4	Cts/S	9453.5	40.213	0.42538	9481.9	9425
Y_2243	224.306 {4	Cts/S	14207	38.507	0.27104	14234	14180
Y_3600	360.073 { 9	Cts/S	126860	78.988	0.06227	126910	126800
Y_3710	371.030 { 9	Cts/S	12448	21.481	0.17256	12433	12463

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Custom ID3=
Run Time=1/10/2012 9:14:06
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0003	6.457	0.0045	0.0049
Al3082	308.215 {1	In2306	ppm	0.1149	0.0202	17.6	0.1006	0.1292
As1890	189.042 {4	Y_2243	ppm	0.0114	0.0029	25.8	0.0093	0.0135
B_2496	249.678 {1	Y_3710	ppm	0.0093	0.0026	27.91	0.0112	0.0075
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0001	0.6075	0.0098	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	2.009	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.1146	0.0015	1.351	0.1157	0.1135
Ca3181	318.128 {1	In2306	ppm	0.0349	0.0117	33.46	0.0431	0.0266
Cd2288	228.802 {4	Y_2243	ppm	0.0071	0.0028	39.69	0.0051	0.0091
Co2286	228.616 {4	In2306	ppm	0.012	0.003	25.15	0.0099	0.0142
Cr2677	267.716 {1	Y_3600	ppm	0.0096	0.0005	5.234	0.0099	0.0092
Cu3247	324.754 {1	Y_3600	ppm	0.0112	0.0002	1.503	0.011	0.0113
Fe2404	240.488 {1	In2306	ppm	0.0995	0.0051	5.164	0.1032	0.0959
K_7664	766.490 { 4	Y_3710	ppm	0.6329	0.006	0.9403	0.6372	0.6287
K_7698	769.896 { 4	Y_3710	ppm	0.6723	0.0545	8.112	0.7108	0.6337
Li6707	670.784 { 5	Y_3710	ppm	0.009	0.0003	3.51	0.0088	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.0903	0.0436	48.25	0.0595	0.1211

Mn2576	257.610 {1	Y_3600	ppm	0.0102	0.0001	1.148	0.0103	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.011	0.0007	6.647	0.0115	0.0105
Mo2020	202.030 {4	Y_2243	ppm	0.0136	0.0037	27.47	0.0109	0.0162
Na5895	589.592 { 5	Y_3710	ppm	0.648	0.0019	0.2993	0.6466	0.6494
Na8183	818.326 { 4	Y_3710	ppm	0.6269	0.0748	11.93	0.5741	0.6798
Ni2316	231.604 {4	In2306	ppm	0.012	0.0028	23.28	0.0101	0.014
P_1782	178.284 {4	In2306	ppm	0.0069	0.001	14.01	0.0063	0.0076
Pb2203	220.353 {4	In2306	ppm	0.0123	0.0035	28.53	0.0098	0.0148
S_1820	182.034 {4	Y_2243	ppm	-4.033	2.8	69.41	-2.054	-6.013
Sb2068	206.833 {4	Y_2243	ppm	0.0179	0.0038	21.46	0.0152	0.0206
Se1960	196.090 {4	Y_2243	ppm	0.0111	0.0012	10.49	0.0103	0.012
Si2516	251.611 {1	Y_3710	ppm	0.0127	0.0012	9.154	0.0119	0.0135
Sn1899	189.989 {4	In2306	ppm	0.0127	0.0034	26.44	0.0103	0.0151
Sr4215	421.552 { 8	Y_3710	ppm	0.005	0.0002	3.525	0.0051	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0105	0.0006	5.458	0.0109	0.0101
Tl1908	190.856 {4	In2306	ppm	0.0136	0.0024	17.43	0.012	0.0153
V_2924	292.402 {1	Y_3600	ppm	0.0101	0	0.3113	0.0101	0.0101
Zn2062	206.200 {4	In2306	ppm	0.0122	0.003	24.79	0.0101	0.0144

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	232.1	0.47055	0.20274	231.77	232.43
In2306	230.606 {4	Cts/S	10003	141.92	1.4188	10103	9902.4
Y_2243	224.306 {4	Cts/S	14439	204.02	1.413	14583	14294
Y_3600	360.073 { 9	Cts/S	130530	562.41	0.43088	130130	130920
Y_3710	371.030 { 9	Cts/S	12647	31.171	0.24647	12625	12669

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0001	17.61	0.0004	0.0005
Al3082	308.215 {1	In2306	ppm	0.0104	0.0233	224.3	-0.0061	0.0268
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0003	28.36	0.0011	0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0009	0.0012	134.6	0	0.0017
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0002	135.6	-0.0002	0
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	206	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0011	0.0083	739	0.007	-0.0047
Ca3181	318.128 {1	In2306	ppm	-0.0368	0.0017	4.676	-0.038	-0.0356
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	1515	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	77.08	0.0004	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0003	167.9	-0.0003	0
Cu3247	324.754 {1	Y_3600	ppm	0	0.0002	596.8	0.0001	-0.0002
Fe2404	240.488 {1	In2306	ppm	0.0061	0.0012	19.55	0.0052	0.0069
K_7664	766.490 { 4	Y_3710	ppm	0.0325	0.0092	28.45	0.039	0.026
K_7698	769.896 { 4	Y_3710	ppm	0.0686	0.0479	69.78	0.1025	0.0348
Li6707	670.784 { 5	Y_3710	ppm	-0.001	0.0006	56.64	-0.0006	-0.0014

Mg2790	279.079	{1	Y_3710	ppm	0.0062	0.0167	270.9	0.018	-0.0057
Mn2576	257.610	{1	Y_3600	ppm	0	0	79.06	0	-0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	0.0006	0.0003	42.93	0.0008	0.0004
Mo2020	202.030	{4	Y_2243	ppm	0.0002	0.0001	64.54	0.0001	0.0003
Na5895	589.592	{ 5	Y_3710	ppm	0.0554	0.0035	6.304	0.0579	0.0529
Na8183	818.326	{ 4	Y_3710	ppm	0.1115	0.0237	21.22	0.0948	0.1283
Ni2316	231.604	{4	In2306	ppm	0.0003	0.0005	176.9	0.0006	-0.0001
P_1782	178.284	{4	In2306	ppm	-0.0021	0.0008	37.55	-0.0027	-0.0016
Pb2203	220.353	{4	In2306	ppm	0.001	0.0009	83.09	0.0016	0.0004
S_1820	182.034	{4	Y_2243	ppm	-1.032	0.2891	28.03	-1.236	-0.8271
Sb2068	206.833	{4	Y_2243	ppm	0.0032	0.0006	18.38	0.0028	0.0036
Se1960	196.090	{4	Y_2243	ppm	0.0013	0.0015	114.2	0.0024	0.0003
Si2516	251.611	{1	Y_3710	ppm	-0.0003	0.0027	881	-0.0022	0.0016
Sn1899	189.989	{4	In2306	ppm	0.0002	0	1.981	0.0002	0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	0.0001	0.0002	170.1	0.0002	0
Ti3349	334.904	{1	Y_3600	ppm	0.0001	0.0001	124.4	0.0002	0
Tl1908	190.856	{4	In2306	ppm	0.0013	0.0019	151.8	0.0026	-0.0001
V_2924	292.402	{1	Y_3600	ppm	0.0002	0.0001	34.17	0.0003	0.0002
Zn2062	206.200	{4	In2306	ppm	0	0	3393	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	233.54	4.1843	1.7917	236.5	230.58
In2306	230.606	{4	Cts/S	10046	18.594	0.18509	10033	10059
Y_2243	224.306	{4	Cts/S	14408	17.155	0.11907	14396	14420
Y_3600	360.073	{ 9	Cts/S	130560	333.75	0.25564	130790	130320
Y_3710	371.030	{ 9	Cts/S	12570	27.762	0.22085	12590	12551

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0005	0.0001	11.28	-0.0005	-0.0006
Al3082	308.215	{1	In2306	ppm	0.0231	0.0002	0.9829	0.0232	0.0229
As1890	189.042	{4	Y_2243	ppm	-0.0007	0.0007	105.6	-0.0002	-0.0011
B_2496	249.678	{1	Y_3710	ppm	0.0044	0.0012	25.99	0.0053	0.0036
Ba4554	455.403	{ 7	Y_3710	ppm	0.001	0.0001	7.981	0.0009	0.001
Be3130	313.042	{1	Y_3710	ppm	0	0.0001	637.3	-0.0001	0.0001
Ca3158	315.887	{1	In2306	ppm	0.7564	0.0092	1.211	0.7499	0.7629
Ca3181	318.128	{1	In2306	ppm	0.6907	0.0557	8.069	0.6513	0.7301
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0.0001	93.76	0	-0.0001
Co2286	228.616	{4	In2306	ppm	0.0002	0.0001	72.84	0.0003	0.0001
Cr2677	267.716	{1	Y_3600	ppm	-0.0002	0.0002	116.4	0	-0.0003
Cu3247	324.754	{1	Y_3600	ppm	0.0012	0.0002	16.6	0.0013	0.001
Fe2404	240.488	{1	In2306	ppm	0.0716	0.002	2.802	0.0702	0.073
K_7664	766.490	{ 4	Y_3710	ppm	8.874	0.0626	0.7049	8.829	8.918
K_7698	769.896	{ 4	Y_3710	ppm	8.904	0.0461	0.5181	8.871	8.936

Li6707	670.784 { 5	Y_3710	ppm	-0.001	0.0001	9.933	-0.001	-0.0011
Mg2790	279.079 {1	Y_3710	ppm	0.0879	0.017	19.39	0.0759	0.1
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0	2.07	0.0013	0.0013
Mn2576-2	257.610 {1	Y_3710	ppm	0.0022	0.0002	10.26	0.0021	0.0024
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	25.88	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	36.42	0.4286	1.177	36.11	36.72
Na8183	818.326 { 4	Y_3710	ppm	36.9	0.3589	0.9725	36.65	37.16
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0001	54.19	0.0003	0.0001
P_1782	178.284 {4	In2306	ppm	0.247	0.0013	0.5384	0.2479	0.246
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0006	118	0.0001	0.001
S_1820	182.034 {4	Y_2243	ppm	-789.3	4.463	0.5655	-792.4	-786.1
Sb2068	206.833 {4	Y_2243	ppm	-0.0004	0.0017	434.7	0.0008	-0.0016
Se1960	196.090 {4	Y_2243	ppm	0.0023	0.0012	50.42	0.0031	0.0015
Si2516	251.611 {1	Y_3710	ppm	0.0838	0.0073	8.749	0.0786	0.089
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	39.43	0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0.0002	4.262	0.0045	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0	0	38.39	0	0
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0002	35.99	0.0008	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0001	55.61	0.0001	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0041	0.0001	2.851	0.0042	0.0041

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	233.29	3.4339	1.472	235.71	230.86
In2306	230.606 {4	Cts/S	9454.1	1.61	0.01703	9455.2	9452.9
Y_2243	224.306 {4	Cts/S	14129	8.9371	0.06325	14136	14123
Y_3600	360.073 { 9	Cts/S	125350	182.96	0.14595	125480	125230
Y_3710	371.030 { 9	Cts/S	12581	42.726	0.33961	12551	12611

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Custom ID3=
Run Time=1/10/2012 9:22:08
Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5286	0.0007	0.1304	0.5281	0.5291
Al3082	308.215 {1	In2306	ppm	10.16	0.012	0.1182	10.17	10.15
As1890	189.042 {4	Y_2243	ppm	1.058	0.0011	0.0993	1.059	1.058
B_2496	249.678 {1	Y_3710	ppm	1.328	0.0069	0.5181	1.323	1.332
Ba4554	455.403 { 7	Y_3710	ppm	1.216	0.0047	0.3828	1.213	1.22
Be3130	313.042 {1	Y_3710	ppm	0.4749	0.0011	0.2224	0.4741	0.4756
Ca3158	315.887 {1	In2306	ppm	102.8	0.2062	0.2007	102.6	102.9
Ca3181	318.128 {1	In2306	ppm	103.6	0.1901	0.1835	103.5	103.7
Cd2288	228.802 {4	Y_2243	ppm	0.5108	0.0014	0.2684	0.5117	0.5098
Co2286	228.616 {4	In2306	ppm	1.016	0.0038	0.3727	1.019	1.013
Cr2677	267.716 {1	Y_3600	ppm	0.9596	0.0033	0.344	0.962	0.9573
Cu3247	324.754 {1	Y_3600	ppm	0.9963	0.0033	0.3311	0.9986	0.9939
Fe2404	240.488 {1	In2306	ppm	10	0.0262	0.2618	9.982	10.02
K_7664	766.490 { 4	Y_3710	ppm	45	0.3057	0.6794	44.78	45.21

K_7698	769.896 {	4	Y_3710	ppm	45.95	0.2416	0.5257	45.78	46.12
Li6707	670.784 {	5	Y_3710	ppm	0.9655	0.0109	1.125	0.9578	0.9732
Mg2790	279.079 {1		Y_3710	ppm	41.99	0.0278	0.0662	42.01	41.97
Mn2576	257.610 {1		Y_3600	ppm	0.9942	0.0013	0.1306	0.9952	0.9933
Mn2576-2	257.610 {1		Y_3710	ppm	0.974	0.0008	0.0799	0.9734	0.9745
Mo2020	202.030 {4		Y_2243	ppm	1.198	0.0067	0.5565	1.202	1.193
Na5895	589.592 {	5	Y_3710	ppm	517.2	9.013	1.743	523.6	510.9
Na8183	818.326 {	4	Y_3710	ppm	618.9	3.718	0.6007	616.3	621.5
Ni2316	231.604 {4		In2306	ppm	1.01	0.003	0.2976	1.012	1.008
P_1782	178.284 {4		In2306	ppm	1.359	0.0064	0.47	1.363	1.354
Pb2203	220.353 {4		In2306	ppm	0.988	0.0009	0.0953	0.9873	0.9887
S_1820	182.034 {4		Y_2243	ppm	-25680	10.25	0.0399	-25690	-25680
Sb2068	206.833 {4		Y_2243	ppm	0.9957	0.019	1.906	1.009	0.9823
Se1960	196.090 {4		Y_2243	ppm	1.052	0.0016	0.1526	1.053	1.051
Si2516	251.611 {1		Y_3710	ppm	5.55	0.0599	1.079	5.507	5.592
Sn1899	189.989 {4		In2306	ppm	1.008	0.0033	0.3238	1.01	1.006
Sr4215	421.552 {	8	Y_3710	ppm	1.723	0.0069	0.3989	1.718	1.728
Ti3349	334.904 {1		Y_3600	ppm	0.9628	0.0062	0.6444	0.9672	0.9584
Tl1908	190.856 {4		In2306	ppm	0.9234	0.0007	0.0806	0.9239	0.9229
V_2924	292.402 {1		Y_3600	ppm	0.9872	0.0005	0.0502	0.9876	0.9869
Zn2062	206.200 {4		In2306	ppm	1.07	0.0024	0.2235	1.072	1.068

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	221.82	1.1589	0.52244	222.64	221
In2306	230.606 {4	Cts/S	7724.2	13.897	0.17991	7734.1	7714.4
Y_2243	224.306 {4	Cts/S	12765	19.373	0.15177	12778	12751
Y_3600	360.073 {	9	Cts/S	112170	395.95	0.353	112450	111890
Y_3710	371.030 {	9	Cts/S	12115	9.6589	0.07973	12122	12108

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Custom ID3=
Run Time=1/10/2012 9:24:36
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0001	12.26	0.0005	0.0004
Al3082	308.215 {1	In2306	ppm	0.0229	0.0211	91.99	0.0379	0.008
As1890	189.042 {4	Y_2243	ppm	0.0028	0.0023	80.09	0.0012	0.0045
B_2496	249.678 {1	Y_3710	ppm	0.086	0.0002	0.2842	0.0862	0.0859
Ba4554	455.403 {	7	Y_3710	ppm	0.0501	0.0001	0.2826	0.05	0.0502
Be3130	313.042 {1	Y_3710	ppm	0	0	3473	0	0
Ca3158	315.887 {1	In2306	ppm	19.16	0.0604	0.3154	19.21	19.12
Ca3181	318.128 {1	In2306	ppm	19.1	0.0535	0.2801	19.13	19.06
Cd2288	228.802 {4	Y_2243	ppm	0.0009	0.001	120.3	0.0001	0.0016
Co2286	228.616 {4	In2306	ppm	0.002	0.0022	107.5	0.0005	0.0036
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0	40.24	0.0002	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0012	0.0001	10.23	0.0011	0.0013
Fe2404	240.488 {1	In2306	ppm	0.0148	0.0003	1.726	0.0146	0.0149

K_7664	766.490 {	4	Y_3710	ppm	7.438	0.0543	0.7307	7.477	7.4
K_7698	769.896 {	4	Y_3710	ppm	7.469	0.0685	0.9165	7.517	7.42
Li6707	670.784 {	5	Y_3710	ppm	0.0062	0.0004	6.491	0.0065	0.0059
Mg2790	279.079 {1		Y_3710	ppm	6.689	0.0584	0.8737	6.73	6.648
Mn2576	257.610 {1		Y_3600	ppm	0.0068	0	0.3945	0.0069	0.0068
Mn2576-2	257.610 {1		Y_3710	ppm	0.0077	0.0003	4.131	0.0079	0.0075
Mo2020	202.030 {4		Y_2243	ppm	0.0576	0.0038	6.628	0.0549	0.0603
Na5895	589.592 {	5	Y_3710	ppm	114.2	0.1997	0.1749	114.3	114
Na8183	818.326 {	4	Y_3710	ppm	123.7	0.1656	0.1338	123.9	123.6
Ni2316	231.604 {4		In2306	ppm	0.0034	0.0022	65.1	0.0018	0.0049
P_1782	178.284 {4		In2306	ppm	0.0345	0.0011	3.261	0.0337	0.0353
Pb2203	220.353 {4		In2306	ppm	0.0014	0.0021	156.1	-0.0001	0.0029
S_1820	182.034 {4		Y_2243	ppm	-5247	42.16	0.8036	-5217	-5277
Sb2068	206.833 {4		Y_2243	ppm	0.0087	0.0026	29.54	0.0069	0.0106
Se1960	196.090 {4		Y_2243	ppm	0.0023	0.0004	17.9	0.002	0.0026
Si2516	251.611 {1		Y_3710	ppm	0.9517	0.0163	1.716	0.9401	0.9632
Sn1899	189.989 {4		In2306	ppm	0.0032	0.0024	74.79	0.0015	0.0049
Sr4215	421.552 {	8	Y_3710	ppm	0.2561	0.0002	0.0648	0.256	0.2562
Ti3349	334.904 {1		Y_3600	ppm	0.0018	0.0001	3.707	0.0019	0.0018
Tl1908	190.856 {4		In2306	ppm	0.0006	0.0007	112.5	0.0001	0.0012
V_2924	292.402 {1		Y_3600	ppm	0.0026	0.0001	5.05	0.0027	0.0025
Zn2062	206.200 {4		In2306	ppm	0.0076	0.0023	29.98	0.006	0.0092

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	231.06	0.03134	0.01356	231.08	231.04
In2306	230.606 {4	Cts/S	8912.5	5.5722	0.06252	8916.4	8908.5
Y_2243	224.306 {4	Cts/S	13776	40.182	0.29168	13805	13748
Y_3600	360.073 {	Cts/S	121050	52.892	0.04369	121020	121090
Y_3710	371.030 {	Cts/S	12445	7.5421	0.06061	12439	12450

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Custom ID3=
Run Time=1/10/2012 9:27:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0	108.2	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0275	0.0299	108.6	0.0486	0.0064
As1890	189.042 {4	Y_2243	ppm	-0.0005	0	5.089	-0.0005	-0.0006
B_2496	249.678 {1	Y_3710	ppm	0.0033	0.0008	24.71	0.0027	0.0039
Ba4554	455.403 {	7	Y_3710	ppm	0.0003	0.0004	138.3	0	0.0006
Be3130	313.042 {1	Y_3710	ppm	0	0	104.8	0	0
Ca3158	315.887 {1	In2306	ppm	0.0037	0.0006	15.74	0.0041	0.0033
Ca3181	318.128 {1	In2306	ppm	0.01	0.0195	194.7	-0.0038	0.0238
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	153.7	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0002	0	14.67	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0	0.7981	-0.0003	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0007	0.0004	59.07	0.001	0.0004

Fe2404	240.488 {1	In2306	ppm	0.0044	0.0017	38.45	0.0032	0.0056
K_7664	766.490 { 4	Y_3710	ppm	0.0709	0.0055	7.778	0.067	0.0748
K_7698	769.896 { 4	Y_3710	ppm	0.0707	0.0193	27.36	0.0843	0.057
Li6707	670.784 { 5	Y_3710	ppm	-0.0009	0	2.859	-0.0009	-0.0009
Mg2790	279.079 {1	Y_3710	ppm	-0.0164	0.0488	296.9	0.0181	-0.0509
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	12.64	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0004	0.0001	30.29	0.0005	0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0004	84.52	0.0002	0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.087	0.0067	7.726	0.0918	0.0823
Na8183	818.326 { 4	Y_3710	ppm	0.1077	0.0049	4.582	0.1043	0.1112
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0002	39.52	0.0005	0.0003
P_1782	178.284 {4	In2306	ppm	-0.0035	0.0011	31.36	-0.0027	-0.0042
Pb2203	220.353 {4	In2306	ppm	0.0012	0.0002	20.54	0.0014	0.001
S_1820	182.034 {4	Y_2243	ppm	-10.93	12.74	116.5	-1.923	-19.93
Sb2068	206.833 {4	Y_2243	ppm	0.0037	0.0007	18.65	0.0042	0.0032
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0004	69.58	0.0003	0.0009
Si2516	251.611 {1	Y_3710	ppm	0.0006	0.0028	483.8	-0.0014	0.0025
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0002	99.15	0.0003	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	104	0	0.0002
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0005	840.6	-0.0004	0.0003
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0014	152.2	-0.0001	0.002
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0004	528.3	0.0003	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0044	0.0001	2.09	0.0043	0.0044

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	232.31	2.5654	1.1043	230.49	234.12
In2306	230.606 {4	Cts/S	10041	30.355	0.30231	10063	10020
Y_2243	224.306 {4	Cts/S	14480	18.219	0.12583	14492	14467
Y_3600	360.073 { 9	Cts/S	132130	30.073	0.02276	132150	132100
Y_3710	371.030 { 9	Cts/S	12642	19.947	0.15778	12628	12656

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5027	0.002	0.4007	0.5012	0.5041
Al3082	308.215 {1	In2306	ppm	10	0.7783	7.781	9.453	10.55
As1890	189.042 {4	Y_2243	ppm	0.9999	0.0054	0.5423	1.004	0.9961
B_2496	249.678 {1	Y_3710	ppm	0.9601	0.0823	8.569	0.9019	1.018
Ba4554	455.403 { 7	Y_3710	ppm	0.9705	0.0854	8.805	0.91	1.031
Be3130	313.042 {1	Y_3710	ppm	0.4844	0.0411	8.475	0.4554	0.5135
Ca3158	315.887 {1	In2306	ppm	10.29	0.6816	6.623	9.81	10.77
Ca3181	318.128 {1	In2306	ppm	10.2	0.6353	6.228	9.752	10.65
Cd2288	228.802 {4	Y_2243	ppm	0.4924	0.0009	0.1913	0.4931	0.4918
Co2286	228.616 {4	In2306	ppm	0.9915	0.0049	0.4956	0.995	0.988
Cr2677	267.716 {1	Y_3600	ppm	0.9779	0.0034	0.3457	0.9755	0.9803

Cu3247	324.754 {1	Y_3600	ppm	0.9906	0.0086	0.869	0.9845	0.9967
Fe2404	240.488 {1	In2306	ppm	10.09	0.6909	6.845	9.606	10.58
K_7664	766.490 { 4	Y_3710	ppm	10.09	0.8164	8.088	9.517	10.67
K_7698	769.896 { 4	Y_3710	ppm	9.99	0.8646	8.655	9.379	10.6
Li6707	670.784 { 5	Y_3710	ppm	0.4996	0.0446	8.924	0.4681	0.5311
Mg2790	279.079 {1	Y_3710	ppm	9.622	0.7881	8.191	9.064	10.18
Mn2576	257.610 {1	Y_3600	ppm	0.9743	0.0017	0.1773	0.9731	0.9755
Mn2576-2	257.610 {1	Y_3710	ppm	0.9379	0.0795	8.471	0.8817	0.9941
Mo2020	202.030 {4	Y_2243	ppm	0.9902	0.0039	0.3953	0.9929	0.9874
Na5895	589.592 { 5	Y_3710	ppm	10.07	0.8695	8.635	9.455	10.68
Na8183	818.326 { 4	Y_3710	ppm	9.907	0.7671	7.743	9.365	10.45
Ni2316	231.604 {4	In2306	ppm	0.9736	0.0051	0.5265	0.9772	0.97
P_1782	178.284 {4	In2306	ppm	-0.0022	0	0.7094	-0.0022	-0.0022
Pb2203	220.353 {4	In2306	ppm	0.9919	0.0039	0.3927	0.9947	0.9892
S_1820	182.034 {4	Y_2243	ppm	-1.624	0.2911	17.93	-1.418	-1.829
Sb2068	206.833 {4	Y_2243	ppm	0.9646	0.0051	0.5326	0.9682	0.9609
Se1960	196.090 {4	Y_2243	ppm	0.9965	0.0044	0.4459	0.9934	0.9997
Si2516	251.611 {1	Y_3710	ppm	0.7779	0.0664	8.536	0.7309	0.8248
Sn1899	189.989 {4	In2306	ppm	0.9963	0.005	0.5012	0.9999	0.9928
Sr4215	421.552 { 8	Y_3710	ppm	0.4898	0.0415	8.48	0.4605	0.5192
Ti3349	334.904 {1	Y_3600	ppm	0.9858	0.0024	0.2395	0.9841	0.9875
Tl1908	190.856 {4	In2306	ppm	0.9913	0.0039	0.398	0.9941	0.9885
V_2924	292.402 {1	Y_3600	ppm	0.9812	0.0067	0.678	0.9765	0.9859
Zn2062	206.200 {4	In2306	ppm	0.9823	0.0048	0.4903	0.9857	0.9789

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	233.31	12.603	5.4019	242.22	224.4
In2306	230.606 {4	Cts/S	9470.2	7.5631	0.07986	9464.9	9475.6
Y_2243	224.306 {4	Cts/S	14304	5.7932	0.0405	14309	14300
Y_3600	360.073 { 9	Cts/S	128620	510.53	0.39692	128980	128260
Y_3710	371.030 { 9	Cts/S	12652	871.13	6.8851	13268	12036

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0002	53.03	-0.0003	-0.0006
Al3082	308.215 {1	In2306	ppm	0.0394	0.011	27.94	0.0316	0.0472
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0019	157.1	-0.0001	0.0025
B_2496	249.678 {1	Y_3710	ppm	0.01	0.0018	18.37	0.0087	0.0113
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0.0001	11.92	0.0009	0.0011
Be3130	313.042 {1	Y_3710	ppm	0	0	529.7	0	0
Ca3158	315.887 {1	In2306	ppm	0.4206	0.0061	1.443	0.4249	0.4163
Ca3181	318.128 {1	In2306	ppm	0.37	0.0609	16.46	0.327	0.4131
Cd2288	228.802 {4	Y_2243	ppm	0.0008	0.0011	139	0	0.0016
Co2286	228.616 {4	In2306	ppm	0.0022	0.0026	117.2	0.0004	0.0041

Cr2677	267.716 {1	Y_3600	ppm	0.0019	0	0.1571	0.0019	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.0017	0.0003	15.08	0.0015	0.0018
Fe2404	240.488 {1	In2306	ppm	0.6093	0.0032	0.5175	0.6115	0.607
K_7664	766.490 { 4	Y_3710	ppm	0.2849	0.0243	8.512	0.302	0.2678
K_7698	769.896 { 4	Y_3710	ppm	0.1297	0.0056	4.331	0.1337	0.1257
Li6707	670.784 { 5	Y_3710	ppm	-0.0007	0.0001	18.16	-0.0006	-0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.0089	0.0228	255.3	-0.0072	0.025
Mn2576	257.610 {1	Y_3600	ppm	0.0044	0.0001	1.712	0.0044	0.0043
Mn2576-2	257.610 {1	Y_3710	ppm	0.0049	0.0005	10.05	0.0045	0.0052
Mo2020	202.030 {4	Y_2243	ppm	0.0049	0.0033	67.1	0.0026	0.0072
Na5895	589.592 { 5	Y_3710	ppm	0.2524	0.0049	1.944	0.2558	0.2489
Na8183	818.326 { 4	Y_3710	ppm	0.1668	0.1149	68.88	0.248	0.0855
Ni2316	231.604 {4	In2306	ppm	0.0034	0.0025	74.92	0.0016	0.0051
P_1782	178.284 {4	In2306	ppm	-0.0014	0.0008	55.5	-0.002	-0.0009
Pb2203	220.353 {4	In2306	ppm	0.0065	0.0015	23.45	0.0054	0.0075
S_1820	182.034 {4	Y_2243	ppm	-23.09	0.4842	2.097	-23.43	-22.75
Sb2068	206.833 {4	Y_2243	ppm	0.0177	0.002	11.24	0.0163	0.0192
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0018	92.24	0.0007	0.0033
Si2516	251.611 {1	Y_3710	ppm	0.053	0.0072	13.55	0.0581	0.0479
Sn1899	189.989 {4	In2306	ppm	0.0049	0.0027	53.68	0.0031	0.0068
Sr4215	421.552 { 6	Y_3710	ppm	0.0018	0.0001	4.556	0.0017	0.0018
Ti3349	334.904 {1	Y_3600	ppm	0.0026	0.0003	9.82	0.0024	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0035	0.0025	71.23	0.0018	0.0053
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	22.22	0.0004	0.0005
Zn2062	206.200 {4	In2306	ppm	0.007	0.0024	33.81	0.0053	0.0086

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	235.62	2.5352	1.076	233.82	237.41
In2306	230.606 {4	Cts/S	10116	28.127	0.27804	10136	10096
Y_2243	224.306 {4	Cts/S	14497	50.463	0.3481	14533	14461
Y_3600	360.073 { 9	Cts/S	132790	382.06	0.28771	133060	132520
Y_3710	371.030 { 9	Cts/S	12736	7.4558	0.05854	12731	12741

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0003	323.6	0.0001	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0405	0.0159	39.24	0.0293	0.0517
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0001	12.49	0.0008	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0069	0.0007	10.73	0.0074	0.0064
Ba4554	455.403 { 7	Y_3710	ppm	0.0026	0.0001	4.781	0.0027	0.0025
Be3130	313.042 {1	Y_3710	ppm	0	0	182.6	0	0
Ca3158	315.887 {1	In2306	ppm	0.4226	0.0084	1.99	0.4285	0.4166
Ca3181	318.128 {1	In2306	ppm	0.3738	0.0075	2.007	0.3684	0.3791
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	20.54	-0.0001	-0.0001

Co2286	228.616 {4	In2306	ppm	0.0004	0.0002	45.4	0.0002	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0018	0.0002	13.62	0.002	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0019	0.0002	8.188	0.002	0.0018
Fe2404	240.488 {1	In2306	ppm	0.6398	0.0102	1.593	0.647	0.6326
K_7664	766.490 { 4	Y_3710	ppm	0.2592	0.0074	2.843	0.254	0.2644
K_7698	769.896 { 4	Y_3710	ppm	0.0823	0.0043	5.209	0.0853	0.0793
Li6707	670.784 { 5	Y_3710	ppm	-0.0005	0.0001	17.9	-0.0005	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0065	0.0131	202.3	0.0157	-0.0028
Mn2576	257.610 {1	Y_3600	ppm	0.0053	0.0001	1.057	0.0053	0.0054
Mn2576-2	257.610 {1	Y_3710	ppm	0.0049	0.002	40.97	0.0063	0.0035
Mo2020	202.030 {4	Y_2243	ppm	0.0011	0.0004	35.52	0.0008	0.0014
Na5895	589.592 { 5	Y_3710	ppm	0.2569	0.0083	3.213	0.2511	0.2627
Na8183	818.326 { 4	Y_3710	ppm	0.3062	0.0584	19.07	0.3475	0.2649
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0001	4.652	0.0015	0.0016
P_1782	178.284 {4	In2306	ppm	-0.0003	0	2.809	-0.0003	-0.0003
Pb2203	220.353 {4	In2306	ppm	0.0041	0.0002	5.413	0.004	0.0043
S_1820	182.034 {4	Y_2243	ppm	-25.27	0.0021	0.0081	-25.28	-25.27
Sb2068	206.833 {4	Y_2243	ppm	0.0027	0.0014	52.17	0.0017	0.0037
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0015	159.4	0.002	-0.0001
Si2516	251.611 {1	Y_3710	ppm	0.0474	0.0073	15.32	0.0525	0.0423
Sn1899	189.989 {4	In2306	ppm	0.0007	0.0002	33.67	0.0005	0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.0019	0.0001	7.523	0.0018	0.002
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0003	39.04	0.0008	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0004	0	12.17	-0.0004	-0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0002	0	18.92	0.0002	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0049	0.0001	2.834	0.0048	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	233.39	0.95196	0.40789	232.72	234.06
In2306	230.606 {4	Cts/S	10126	3.8707	0.03823	10123	10129
Y_2243	224.306 {4	Cts/S	14457	17.756	0.12282	14445	14470
Y_3600	360.073 { 9	Cts/S	131570	787.12	0.59827	132120	131010
Y_3710	371.030 { 9	Cts/S	12791	30.117	0.23545	12770	12813

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.505	0.0071	1.415	0.5	0.5101
Al3082	308.215 {1	In2306	ppm	10.55	0.4818	4.569	10.89	10.21
As1890	189.042 {4	Y_2243	ppm	1.032	0.0308	2.987	1.053	1.01
B_2496	249.678 {1	Y_3710	ppm	0.9948	0.0557	5.603	1.034	0.9554
Ba4554	455.403 { 7	Y_3710	ppm	1.003	0.0619	6.179	1.046	0.9588
Be3130	313.042 {1	Y_3710	ppm	0.4982	0.0328	6.584	0.5214	0.475
Ca3158	315.887 {1	In2306	ppm	11	0.6391	5.808	11.46	10.55
Ca3181	318.128 {1	In2306	ppm	10.87	0.5507	5.067	11.26	10.48

Cd2288	228.802 {4	Y_2243	ppm	0.5057	0.0178	3.515	0.5183	0.4931
Co2286	228.616 {4	In2306	ppm	1.007	0.0348	3.452	1.032	0.9826
Cr2677	267.716 {1	Y_3600	ppm	0.9838	0.0128	1.303	0.9748	0.9929
Cu3247	324.754 {1	Y_3600	ppm	1.006	0.0016	0.1546	1.004	1.007
Fe2404	240.488 {1	In2306	ppm	10.98	0.6177	5.624	11.42	10.55
K_7664	766.490 { 4	Y_3710	ppm	11.02	0.5563	5.048	11.41	10.63
K_7698	769.896 { 4	Y_3710	ppm	10.75	0.5416	5.039	11.13	10.37
Li6707	670.784 { 5	Y_3710	ppm	0.5402	0.0245	4.536	0.5575	0.5228
Mg2790	279.079 {1	Y_3710	ppm	9.862	0.6396	6.486	10.31	9.41
Mn2576	257.610 {1	Y_3600	ppm	0.9721	0.0098	1.007	0.9652	0.979
Mn2576-2	257.610 {1	Y_3710	ppm	0.9584	0.0648	6.76	1.004	0.9126
Mo2020	202.030 {4	Y_2243	ppm	1.001	0.0387	3.864	1.028	0.9737
Na5895	589.592 { 5	Y_3710	ppm	11	0.5176	4.705	11.37	10.63
Na8183	818.326 { 4	Y_3710	ppm	10.46	0.3711	3.547	10.72	10.2
Ni2316	231.604 {4	In2306	ppm	0.9863	0.0368	3.736	1.012	0.9603
P_1782	178.284 {4	In2306	ppm	-0.0013	0.0003	26.56	-0.001	-0.0015
Pb2203	220.353 {4	In2306	ppm	1.021	0.0325	3.18	1.043	0.9976
S_1820	182.034 {4	Y_2243	ppm	-23.79	0.5717	2.403	-24.2	-23.39
Sb2068	206.833 {4	Y_2243	ppm	0.9821	0.0408	4.155	1.011	0.9532
Se1960	196.090 {4	Y_2243	ppm	1.022	0.0316	3.097	1.044	0.9993
Si2516	251.611 {1	Y_3710	ppm	0.7011	0.0651	9.293	0.7471	0.655
Sn1899	189.989 {4	In2306	ppm	0.9966	0.0372	3.736	1.023	0.9703
Sr4215	421.552 { 8	Y_3710	ppm	0.511	0.0318	6.223	0.5335	0.4885
Ti3349	334.904 {1	Y_3600	ppm	0.985	0.0107	1.083	0.9775	0.9925
Tl1908	190.856 {4	In2306	ppm	1.014	0.0396	3.909	1.042	0.9858
V_2924	292.402 {1	Y_3600	ppm	0.9816	0.0148	1.505	0.9711	0.992
Zn2062	206.200 {4	In2306	ppm	0.995	0.0347	3.485	1.02	0.9705

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	225.51	8.7211	3.8672	219.35	231.68
In2306	230.606 {4	Cts/S	9247.4	208.47	2.2544	9100	9394.8
Y_2243	224.306 {4	Cts/S	13890	311.24	2.2407	13670	14110
Y_3600	360.073 { 9	Cts/S	127160	1254.9	0.9869	128050	126270
Y_3710	371.030 { 9	Cts/S	12265	609.04	4.9656	11835	12696

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Custom ID2=
Custom ID3=
Run Time=1/10/2012 9:40:14
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5059	0.0011	0.2197	0.5051	0.5066
Al3082	308.215 {1	In2306	ppm	10.59	0.2736	2.582	10.79	10.4
As1890	189.042 {4	Y_2243	ppm	1.031	0.0008	0.0757	1.03	1.031
B_2496	249.678 {1	Y_3710	ppm	0.9822	0.0039	0.3962	0.9794	0.9849
Ba4554	455.403 { 7	Y_3710	ppm	0.9985	0.0041	0.4093	0.9956	1.001
Be3130	313.042 {1	Y_3710	ppm	0.4925	0.0016	0.327	0.4913	0.4936
Ca3158	315.887 {1	In2306	ppm	11.13	0.185	1.662	11	11.26

Ca3181	318.128 {1	In2306	ppm	10.89	0.0942	0.8657	10.82	10.95
Cd2288	228.802 {4	Y_2243	ppm	0.4974	0.0016	0.3142	0.4985	0.4963
Co2286	228.616 {4	In2306	ppm	0.9998	0.0006	0.0634	1	0.9993
Cr2677	267.716 {1	Y_3600	ppm	0.9872	0.0017	0.169	0.9884	0.986
Cu3247	324.754 {1	Y_3600	ppm	1.018	0.0006	0.0578	1.018	1.017
Fe2404	240.488 {1	In2306	ppm	11.13	0.1495	1.343	11.02	11.23
K_7664	766.490 { 4	Y_3710	ppm	10.84	0.0227	0.2097	10.86	10.83
K_7698	769.896 { 4	Y_3710	ppm	10.74	0.0507	0.4715	10.71	10.78
Li6707	670.784 { 5	Y_3710	ppm	0.5453	0.0007	0.1291	0.5458	0.5448
Mg2790	279.079 {1	Y_3710	ppm	9.634	0.0745	0.7737	9.582	9.687
Mn2576	257.610 {1	Y_3600	ppm	0.98	0.0004	0.0371	0.9798	0.9803
Mn2576-2	257.610 {1	Y_3710	ppm	0.9422	0.0064	0.6826	0.9377	0.9467
Mo2020	202.030 {4	Y_2243	ppm	0.9927	0.0009	0.0936	0.9933	0.992
Na5895	589.592 { 5	Y_3710	ppm	10.93	0.0128	0.1172	10.94	10.92
Na8183	818.326 { 4	Y_3710	ppm	10.52	0.0157	0.1493	10.51	10.53
Ni2316	231.604 {4	In2306	ppm	0.9695	0.0024	0.2491	0.9712	0.9678
P_1782	178.284 {4	In2306	ppm	-0.001	0.0001	10.48	-0.0011	-0.001
Pb2203	220.353 {4	In2306	ppm	1.014	0.0056	0.556	1.018	1.01
S_1820	182.034 {4	Y_2243	ppm	-23.57	0.1555	0.6597	-23.68	-23.46
Sb2068	206.833 {4	Y_2243	ppm	0.9985	0.0038	0.3834	1.001	0.9958
Se1960	196.090 {4	Y_2243	ppm	1.003	0.0013	0.1292	1.002	1.004
Si2516	251.611 {1	Y_3710	ppm	0.8464	0.0163	1.924	0.8349	0.8579
Sn1899	189.989 {4	In2306	ppm	0.9987	0.0046	0.4631	1.002	0.9954
Sr4215	421.552 { 8	Y_3710	ppm	0.5128	0.0019	0.3617	0.5115	0.5141
Ti3349	334.904 {1	Y_3600	ppm	0.9825	0.0017	0.168	0.9837	0.9814
Tl1908	190.856 {4	In2306	ppm	0.9919	0.0063	0.6316	0.9964	0.9875
V_2924	292.402 {1	Y_3600	ppm	0.979	0.0027	0.2804	0.9771	0.9809
Zn2062	206.200 {4	In2306	ppm	0.9806	0.0002	0.0188	0.9807	0.9805

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	222.52	2.1295	0.95698	224.03	221.02
In2306	230.606 {4	Cts/S	9329.5	5.862	0.06283	9325.4	9333.7
Y_2243	224.306 {4	Cts/S	14004	21.307	0.15214	13989	14019
Y_3600	360.073 { 9	Cts/S	126170	306.85	0.24321	125950	126390
Y_3710	371.030 { 9	Cts/S	12388	57.303	0.46256	12429	12348

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/10/2012 9:42:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.001	0.0003	30.43	0.0012	0.0008
Al3082	308.215 {1	In2306	ppm	0.1087	0.0421	38.72	0.0789	0.1385
As1890	189.042 {4	Y_2243	ppm	0.0137	0.0127	92.21	0.0048	0.0227
B_2496	249.678 {1	Y_3710	ppm	0.134	0.0027	2.035	0.1321	0.1359
Ba4554	455.403 { 7	Y_3710	ppm	0.1363	0.0007	0.5348	0.1368	0.1358
Be3130	313.042 {1	Y_3710	ppm	0	0	142.5	0.0001	0

Ca3158	315.887 {1	In2306	ppm	1378	21.91	1.59	1363	1394
Ca3181	318.128 {1	In2306	ppm	1430	13.73	0.9601	1420	1440
Cd2288	228.802 {4	Y_2243	ppm	0.0058	0.0065	111.9	0.0012	0.0104
Co2286	228.616 {4	In2306	ppm	0.0112	0.0118	105.3	0.0029	0.0195
Cr2677	267.716 {1	Y_3600	ppm	0.0063	0.0007	11.26	0.0058	0.0068
Cu3247	324.754 {1	Y_3600	ppm	0.0039	0.0003	7.452	0.0041	0.0037
Fe2404	240.488 {1	In2306	ppm	0.2614	0.0053	2.012	0.2651	0.2577
K_7664	766.490 { 4	Y_3710	ppm	7.473	0.0388	0.5199	7.445	7.5
K_7698	769.896 { 4	Y_3710	ppm	7.634	0.0922	1.208	7.569	7.699
Li6707	670.784 { 5	Y_3710	ppm	0.0301	0.0004	1.41	0.0304	0.0298
Mg2790	279.079 {1	Y_3710	ppm	20.98	0.0751	0.3582	20.92	21.03
Mn2576	257.610 {1	Y_3600	ppm	0.0736	0.0001	0.181	0.0735	0.0737
Mn2576-2	257.610 {1	Y_3710	ppm	0.0694	0.0017	2.427	0.0706	0.0682
Mo2020	202.030 {4	Y_2243	ppm	0.0287	0.0114	39.7	0.0207	0.0368
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2838	55.22	1.946	2799	2877
Ni2316	231.604 {4	In2306	ppm	0.0204	0.0107	52.19	0.0129	0.028
P_1782	178.284 {4	In2306	ppm	0.5646	0.0335	5.93	0.5883	0.5409
Pb2203	220.353 {4	In2306	ppm	0.0107	0.0095	88.69	0.004	0.0174
S_1820	182.034 {4	Y_2243	ppm	-59080	2281	3.861	-60690	-57470
Sb2068	206.833 {4	Y_2243	ppm	0.0266	0.013	48.9	0.0174	0.0358
Se1960	196.090 {4	Y_2243	ppm	0.0121	0.0124	102.9	0.0033	0.0209
Si2516	251.611 {1	Y_3710	ppm	4.314	0.1014	2.352	4.385	4.242
Sn1899	189.989 {4	In2306	ppm	0.0144	0.0117	81.18	0.0061	0.0226
Sr4215	421.552 { 8	Y_3710	ppm	2.819	0.0036	0.1264	2.816	2.821
Ti3349	334.904 {1	Y_3600	ppm	0.0092	0.0005	5.539	0.0088	0.0095
Tl1908	190.856 {4	In2306	ppm	0.0106	0.01	94.16	0.0036	0.0177
V_2924	292.402 {1	Y_3600	ppm	0.002	0.0002	10.93	0.0022	0.0019
Zn2062	206.200 {4	In2306	ppm	0.0266	0.0118	44.32	0.0183	0.035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	205.97	2.569	1.2473	207.79	204.16
In2306	230.606 {4	Cts/S	6025.7	138.26	2.2945	5927.9	6123.4
Y_2243	224.306 {4	Cts/S	10271	230.68	2.2459	10108	10434
Y_3600	360.073 { 9	Cts/S	89360	122.9	0.13753	89273	89446
Y_3710	371.030 { 9	Cts/S	11903	31.34	0.2633	11925	11881

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2476	0.0005	0.1826	0.2473	0.248
Al3082	308.215 {1	In2306	ppm	2.603	0.0635	2.44	2.558	2.648
As1890	189.042 {4	Y_2243	ppm	0.5234	0.0047	0.8927	0.5201	0.5267
B_2496	249.678 {1	Y_3710	ppm	0.4772	0.0069	1.448	0.4821	0.4723
Ba4554	455.403 { 7	Y_3710	ppm	0.489	0.0014	0.2944	0.4901	0.488

Be3130	313.042 {1	Y_3710	ppm	0.4874	0.0039	0.7961	0.4901	0.4846
Ca3158	315.887 {1	In2306	ppm	13.67	0.3687	2.698	13.4	13.93
Ca3181	318.128 {1	In2306	ppm	13.36	0.3055	2.288	13.14	13.57
Cd2288	228.802 {4	Y_2243	ppm	0.5033	0.0021	0.4164	0.5048	0.5018
Co2286	228.616 {4	In2306	ppm	0.5006	0.0021	0.4164	0.5021	0.4992
Cr2677	267.716 {1	Y_3600	ppm	0.5058	0.0007	0.1377	0.5063	0.5053
Cu3247	324.754 {1	Y_3600	ppm	0.5165	0.0044	0.8528	0.5196	0.5133
Fe2404	240.488 {1	In2306	ppm	2.625	0.0628	2.391	2.58	2.669
K_7664	766.490 { 4	Y_3710	ppm	12.47	0.077	0.6176	12.53	12.42
K_7698	769.896 { 4	Y_3710	ppm	12.56	0.0587	0.4672	12.61	12.52
Li6707	670.784 { 5	Y_3710	ppm	0.5056	0.0012	0.2274	0.5065	0.5048
Mg2790	279.079 {1	Y_3710	ppm	4.788	0.0479	0.9994	4.822	4.754
Mn2576	257.610 {1	Y_3600	ppm	0.4878	0.0003	0.0642	0.4876	0.4881
Mn2576-2	257.610 {1	Y_3710	ppm	0.4579	0.0058	1.262	0.462	0.4538
Mo2020	202.030 {4	Y_2243	ppm	0.5019	0.0025	0.5035	0.5037	0.5001
Na5895	589.592 { 5	Y_3710	ppm	12.94	0.1305	1.009	13.03	12.85
Na8183	818.326 { 4	Y_3710	ppm	12.81	0.0152	0.1189	12.82	12.8
Ni2316	231.604 {4	In2306	ppm	0.4849	0.0032	0.6538	0.4871	0.4826
P_1782	178.284 {4	In2306	ppm	0.0012	0.0032	269.6	-0.0011	0.0035
Pb2203	220.353 {4	In2306	ppm	0.5084	0.0005	0.106	0.5088	0.508
S_1820	182.034 {4	Y_2243	ppm	-294.9	205.4	69.64	-149.7	-440.1
Sb2068	206.833 {4	Y_2243	ppm	0.5023	0.0003	0.0576	0.5021	0.5025
Se1960	196.090 {4	Y_2243	ppm	0.5064	0.0018	0.3566	0.5052	0.5077
Si2516	251.611 {1	Y_3710	ppm	0.8006	0.0255	3.182	0.7826	0.8186
Sn1899	189.989 {4	In2306	ppm	0.4985	0.0019	0.3897	0.4998	0.4971
Sr4215	421.552 { 8	Y_3710	ppm	0.2565	0.0015	0.5657	0.2576	0.2555
Ti3349	334.904 {1	Y_3600	ppm	0.5016	0.0032	0.6305	0.4994	0.5038
Tl1908	190.856 {4	In2306	ppm	0.4938	0.0026	0.5309	0.4956	0.4919
V_2924	292.402 {1	Y_3600	ppm	0.4981	0.0004	0.0728	0.4984	0.4978
Zn2062	206.200 {4	In2306	ppm	0.4973	0.0003	0.0558	0.4971	0.4975

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	225.45	5.0845	2.2552	229.05	221.86
In2306	230.606 {4	Cts/S	9234.9	105.36	1.1409	9309.4	9160.4
Y_2243	224.306 {4	Cts/S	13784	92.589	0.67172	13849	13718
Y_3600	360.073 { 9	Cts/S	125680	243.03	0.19337	125860	125510
Y_3710	371.030 { 9	Cts/S	12642	101.77	0.80497	12570	12714

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0004	7.468	0.0046	0.0051
Al3082	308.215 {1	In2306	ppm	0.1053	0.0191	18.14	0.1188	0.0918
As1890	189.042 {4	Y_2243	ppm	0.0107	0.0012	10.77	0.0099	0.0115
B_2496	249.678 {1	Y_3710	ppm	0.0111	0.0015	13.04	0.0122	0.0101

Ba4554	455.403 { 7	Y_3710	ppm	0.0096	0	0.1994	0.0096	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0001	2.579	0.0048	0.0047
Ca3158	315.887 {1	In2306	ppm	0.1104	0.0014	1.24	0.1114	0.1094
Ca3181	318.128 {1	In2306	ppm	0.0607	0.0269	44.36	0.0797	0.0417
Cd2288	228.802 {4	Y_2243	ppm	0.0059	0.0012	19.64	0.0051	0.0067
Co2286	228.616 {4	In2306	ppm	0.0108	0.0013	12.02	0.0099	0.0117
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0003	3.081	0.01	0.0095
Cu3247	324.754 {1	Y_3600	ppm	0.0132	0.0001	0.5737	0.0133	0.0132
Fe2404	240.488 {1	In2306	ppm	0.1042	0.0101	9.737	0.0971	0.1114
K_7664	766.490 { 4	Y_3710	ppm	0.6421	0.0457	7.124	0.6744	0.6098
K_7698	769.896 { 4	Y_3710	ppm	0.64	0.0583	9.117	0.5987	0.6812
Li6707	670.784 { 5	Y_3710	ppm	0.009	0.0006	7.172	0.0086	0.0095
Mg2790	279.079 {1	Y_3710	ppm	0.0801	0.0068	8.534	0.0849	0.0753
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0	0.106	0.0101	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0097	0.0001	0.5689	0.0097	0.0097
Mo2020	202.030 {4	Y_2243	ppm	0.0119	0.0017	14.46	0.0107	0.0132
Na5895	589.592 { 5	Y_3710	ppm	0.852	0.0055	0.6509	0.8559	0.8481
Na8183	818.326 { 4	Y_3710	ppm	0.9441	0.1874	19.84	1.077	0.8116
Ni2316	231.604 {4	In2306	ppm	0.0106	0.001	9.37	0.0099	0.0113
P_1782	178.284 {4	In2306	ppm	0.0073	0.0002	3.243	0.0075	0.0072
Pb2203	220.353 {4	In2306	ppm	0.0121	0.0008	6.502	0.0115	0.0126
S_1820	182.034 {4	Y_2243	ppm	-6.622	4.944	74.66	-3.126	-10.12
Sb2068	206.833 {4	Y_2243	ppm	0.0184	0	0.0318	0.0184	0.0184
Se1960	196.090 {4	Y_2243	ppm	0.012	0.0027	22.58	0.0101	0.0139
Si2516	251.611 {1	Y_3710	ppm	0.01	0.0105	104.6	0.0026	0.0175
Sn1899	189.989 {4	In2306	ppm	0.0115	0.0013	11.18	0.0106	0.0124
Sr4215	421.552 { 8	Y_3710	ppm	0.005	0.0001	1.993	0.0051	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0101	0.0006	6.288	0.0106	0.0097
Tl1908	190.856 {4	In2306	ppm	0.0108	0.0011	10.59	0.01	0.0116
V_2924	292.402 {1	Y_3600	ppm	0.0099	0.0003	2.938	0.0101	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0109	0.0012	10.7	0.0101	0.0117

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	231.71	0.28676	0.12376	231.51	231.92
In2306	230.606 {4	Cts/S	9861	7.9675	0.0808	9866.6	9855.3
Y_2243	224.306 {4	Cts/S	14107	1.9343	0.01371	14106	14109
Y_3600	360.073 { 9	Cts/S	128710	134.28	0.10433	128800	128610
Y_3710	371.030 { 9	Cts/S	12753	11.352	0.08901	12745	12761

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Custom ID3=
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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0008	713.4	0.0007	-0.0004
Al3082	308.215 {1	In2306	ppm	-0.0015	0.0007	44.26	-0.0011	-0.002
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0003	36.57	-0.0006	-0.0011

B_2496	249.678 {1	Y_3710	ppm	0.0023	0.0003	11.39	0.0021	0.0025
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0001	122.8	-0.0002	0
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	325.6	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0024	0.0158	649.2	0.0136	-0.0087
Ca3181	318.128 {1	In2306	ppm	-0.0072	0.0236	329.1	0.0095	-0.0238
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	51.65	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	97.82	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0001	19.4	-0.0003	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0033	0.0003	9.839	0.0035	0.0031
Fe2404	240.488 {1	In2306	ppm	0.0019	0.0024	124.7	0.0002	0.0036
K_7664	766.490 { 4	Y_3710	ppm	0.0547	0.0212	38.8	0.0697	0.0397
K_7698	769.896 { 4	Y_3710	ppm	0.0273	0.0349	128.1	0.052	0.0026
Li6707	670.784 { 5	Y_3710	ppm	-0.0006	0.0002	39.52	-0.0004	-0.0007
Mg2790	279.079 {1	Y_3710	ppm	0.0175	0.0006	3.397	0.0179	0.0171
Mn2576	257.610 {1	Y_3600	ppm	0	0	71.53	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0009	0.0002	28.45	0.0007	0.0011
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0001	47.93	0.0002	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.1923	0.0059	3.068	0.1965	0.1881
Na8183	818.326 { 4	Y_3710	ppm	0.3195	0.0669	20.95	0.2722	0.3669
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0001	15.77	0.0004	0.0005
P_1782	178.284 {4	In2306	ppm	-0.0018	0.0001	3.614	-0.0017	-0.0018
Pb2203	220.353 {4	In2306	ppm	0.0002	0	14.56	0.0002	0.0002
S_1820	182.034 {4	Y_2243	ppm	-2.099	0.0778	3.704	-2.154	-2.044
Sb2068	206.833 {4	Y_2243	ppm	0.0041	0.0008	19.77	0.0035	0.0047
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0012	318.8	-0.0005	0.0013
Si2516	251.611 {1	Y_3710	ppm	-0.002	0.0014	68.32	-0.001	-0.003
Sn1899	189.989 {4	In2306	ppm	0.0003	0	9.171	0.0003	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	185.8	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0002	228	0.0001	-0.0003
Tl1908	190.856 {4	In2306	ppm	-0.0006	0.0003	54.65	-0.0008	-0.0004
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0001	94.4	0	-0.0002
Zn2062	206.200 {4	In2306	ppm	0	0	43.37	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	230.43	0.59202	0.25692	230.85	230.01
In2306	230.606 {4	Cts/S	9885.9	10.875	0.11001	9893.6	9878.2
Y_2243	224.306 {4	Cts/S	14060	34.708	0.24687	14084	14035
Y_3600	360.073 { 9	Cts/S	127970	136.79	0.10689	128060	127870
Y_3710	371.030 { 9	Cts/S	12748	31.73	0.2489	12770	12726

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0003	98.45	-0.0006	-0.0001
Al3082	308.215 {1	In2306	ppm	0.1223	0.0085	6.945	0.1163	0.1283

As1890	189.042 {4	Y_2243	ppm	0.0066	0.0015	23.05	0.0055	0.0077
B_2496	249.678 {1	Y_3710	ppm	0.3454	0.011	3.181	0.3376	0.3532
Ba4554	455.403 { 7	Y_3710	ppm	0.0777	0.0014	1.782	0.0767	0.0787
Be3130	313.042 {1	Y_3710	ppm	0	0	709.8	0	0
Ca3158	315.887 {1	In2306	ppm	58.84	0.0994	0.1689	58.91	58.77
Ca3181	318.128 {1	In2306	ppm	57.77	0.2596	0.4494	57.96	57.59
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	4398	0	0
Co2286	228.616 {4	In2306	ppm	0.0012	0	2.691	0.0012	0.0012
Cr2677	267.716 {1	Y_3600	ppm	0.0022	0.0003	13.15	0.0024	0.002
Cu3247	324.754 {1	Y_3600	ppm	0.0046	0.0003	6.634	0.0048	0.0044
Fe2404	240.488 {1	In2306	ppm	0.176	0.0028	1.583	0.178	0.1741
K_7664	766.490 { 4	Y_3710	ppm	10.41	0.1326	1.274	10.32	10.51
K_7698	769.896 { 4	Y_3710	ppm	10.45	0.1158	1.108	10.37	10.53
Li6707	670.784 { 5	Y_3710	ppm	0.0368	0.0006	1.709	0.0363	0.0372
Mg2790	279.079 {1	Y_3710	ppm	6.824	0.0545	0.7987	6.786	6.863
Mn2576	257.610 {1	Y_3600	ppm	0.0054	0	0.7734	0.0054	0.0054
Mn2576-2	257.610 {1	Y_3710	ppm	0.0057	0.0003	4.789	0.0059	0.0055
Mo2020	202.030 {4	Y_2243	ppm	0.0191	0.0001	0.5611	0.0192	0.0191
Na5895	589.592 { 5	Y_3710	ppm	629.6	11.63	1.847	621.4	637.8
Na8183	818.326 { 4	Y_3710	ppm	802.9	8.657	1.078	796.8	809.1
Ni2316	231.604 {4	In2306	ppm	0.0051	0.0001	2.47	0.0051	0.005
P_1782	178.284 {4	In2306	ppm	0.6079	0.0019	0.3157	0.6092	0.6065
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0001	167.1	0.0002	0
S_1820	182.034 {4	Y_2243	ppm	-53480	135.3	0.253	-53390	-53580
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.0007	106.6	0.0002	0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0896	0.0011	1.278	0.0904	0.0888
Si2516	251.611 {1	Y_3710	ppm	3.526	0.0199	0.5643	3.512	3.541
Sn1899	189.989 {4	In2306	ppm	-0.0004	0	11.22	-0.0004	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.5316	0.0061	1.14	0.5273	0.5359
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0007	26.77	0.0033	0.0022
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0003	47.33	0.0004	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0062	0.0001	1.23	0.0062	0.0063
Zn2062	206.200 {4	In2306	ppm	0.0899	0.0003	0.3113	0.0901	0.0897

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	226.2	0.50857	0.22483	225.84	226.56
In2306	230.606 {4	Cts/S	7634.8	52.713	0.69043	7672.1	7597.5
Y_2243	224.306 {4	Cts/S	12400	104.98	0.84662	12474	12325
Y_3600	360.073 { 9	Cts/S	108330	810.69	0.74835	108900	107760
Y_3710	371.030 { 9	Cts/S	12571	141.26	1.1236	12671	12471

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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	154	0	0.0001

Al3082	308.215 {1	In2306	ppm	0.0854	0.0345	40.39	0.1097	0.061
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0004	23.88	0.0019	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.6731	0.0046	0.6846	0.6698	0.6764
Ba4554	455.403 { 7	Y_3710	ppm	0.0952	0.0005	0.4961	0.0949	0.0955
Be3130	313.042 {1	Y_3710	ppm	0	0	27.53	0	0
Ca3158	315.887 {1	In2306	ppm	29.04	0.0975	0.3357	29.11	28.97
Ca3181	318.128 {1	In2306	ppm	28.11	0.1783	0.6343	28.23	27.98
Cd2288	228.802 {4	Y_2243	ppm	0	0	153.4	0	0
Co2286	228.616 {4	In2306	ppm	0.0002	0	6.578	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0003	41.91	0.001	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0248	0.0003	1.168	0.0246	0.025
Fe2404	240.488 {1	In2306	ppm	0.0353	0.0008	2.302	0.0347	0.0358
K_7664	766.490 { 4	Y_3710	ppm	15.44	0.128	0.8288	15.35	15.54
K_7698	769.896 { 4	Y_3710	ppm	15.49	0.1465	0.9459	15.38	15.59
Li6707	670.784 { 5	Y_3710	ppm	0.0323	0.0003	0.8137	0.0321	0.0325
Mg2790	279.079 {1	Y_3710	ppm	6.637	0.0041	0.0619	6.635	6.64
Mn2576	257.610 {1	Y_3600	ppm	0.008	0.0001	1.708	0.0079	0.0081
Mn2576-2	257.610 {1	Y_3710	ppm	0.008	0.0001	0.7698	0.0081	0.008
Mo2020	202.030 {4	Y_2243	ppm	0.0031	0.0001	4.324	0.0032	0.003
Na5895	589.592 { 5	Y_3710	ppm	199.1	4.468	2.244	196	202.3
Na8183	818.326 { 4	Y_3710	ppm	217.2	1.775	0.8175	215.9	218.4
Ni2316	231.604 {4	In2306	ppm	0.001	0.0002	17.74	0.0011	0.0008
P_1782	178.284 {4	In2306	ppm	4.726	0.0291	0.6167	4.746	4.705
Pb2203	220.353 {4	In2306	ppm	0	0.0007	1958	0.0005	-0.0005
S_1820	182.034 {4	Y_2243	ppm	-2003	101.6	5.073	-1931	-2075
Sb2068	206.833 {4	Y_2243	ppm	-0.0007	0.0013	201.9	0.0003	-0.0016
Se1960	196.090 {4	Y_2243	ppm	0.0021	0	2.224	0.0021	0.0021
Si2516	251.611 {1	Y_3710	ppm	3.707	0.026	0.7024	3.689	3.726
Sn1899	189.989 {4	In2306	ppm	0.0005	0	1.667	0.0005	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.544	0.0045	0.8235	0.5409	0.5472
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0001	13.26	0.0008	0.0007
Tl1908	190.856 {4	In2306	ppm	0.001	0.0005	46.41	0.0007	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0003	0	10.33	0.0003	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0655	0.0001	0.0987	0.0655	0.0654

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	221.16	0.40331	0.18236	220.88	221.45
In2306	230.606 {4	Cts/S	8403	14.753	0.17556	8392.6	8413.4
Y_2243	224.306 {4	Cts/S	12954	30.021	0.23175	12933	12975
Y_3600	360.073 { 9	Cts/S	114650	2158	1.8822	116180	113130
Y_3710	371.030 { 9	Cts/S	12496	67.076	0.53677	12544	12449

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.0013	0.0001	7.78	0.0013	0.0014
Al3082	308.215 {1	In2306	ppm	0.5115	0.0412	8.056	0.5407	0.4824
As1890	189.042 {4	Y_2243	ppm	0.0025	0.0006	22.68	0.0029	0.0021
B_2496	249.678 {1	Y_3710	ppm	0.5565	0.0246	4.413	0.5739	0.5392
Ba4554	455.403 { 7	Y_3710	ppm	0.1949	0.0073	3.768	0.2001	0.1897
Be3130	313.042 {1	Y_3710	ppm	0	0	96.43	0	0
Ca3158	315.887 {1	In2306	ppm	30.13	0.5174	1.717	30.49	29.76
Ca3181	318.128 {1	In2306	ppm	29.1	0.5556	1.91	29.49	28.7
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	68.95	0.0002	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0002	8467	0.0002	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0007	36.77	0.0024	0.0014
Cu3247	324.754 {1	Y_3600	ppm	0.2114	0.0046	2.18	0.2147	0.2082
Fe2404	240.488 {1	In2306	ppm	0.4193	0.0067	1.601	0.424	0.4145
K_7664	766.490 { 4	Y_3710	ppm	16.42	0.6181	3.765	16.86	15.98
K_7698	769.896 { 4	Y_3710	ppm	16.56	0.6408	3.869	17.01	16.11
Li6707	670.784 { 5	Y_3710	ppm	0.0358	0.0019	5.192	0.0371	0.0345
Mg2790	279.079 {1	Y_3710	ppm	7.353	0.1693	2.303	7.473	7.233
Mn2576	257.610 {1	Y_3600	ppm	0.0284	0.0005	1.888	0.0288	0.0281
Mn2576-2	257.610 {1	Y_3710	ppm	0.0266	0.0015	5.624	0.0276	0.0255
Mo2020	202.030 {4	Y_2243	ppm	0.0038	0.0003	6.631	0.004	0.0036
Na5895	589.592 { 5	Y_3710	ppm	202.6	11.18	5.517	210.5	194.7
Na8183	818.326 { 4	Y_3710	ppm	218	7.831	3.593	223.5	212.4
Ni2316	231.604 {4	In2306	ppm	0.0021	0.0003	14.31	0.0019	0.0023
P_1782	178.284 {4	In2306	ppm	9.772	0.2256	2.309	9.932	9.613
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0003	33.98	0.0006	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1422	21.84	1.536	-1437	-1406
Sb2068	206.833 {4	Y_2243	ppm	0.001	0.0002	22.48	0.0012	0.0008
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0008	31.65	0.0019	0.0031
Si2516	251.611 {1	Y_3710	ppm	1.953	0.0702	3.593	2.002	1.903
Sn1899	189.989 {4	In2306	ppm	0.0041	0.0005	11.65	0.0044	0.0037
Sr4215	421.552 { 8	Y_3710	ppm	0.6359	0.0208	3.265	0.6506	0.6212
Ti3349	334.904 {1	Y_3600	ppm	0.0023	0.0001	4.855	0.0024	0.0022
Tl1908	190.856 {4	In2306	ppm	-0.0004	0.0006	155.4	-0.0008	0
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0001	38.91	0.0004	0.0002
Zn2062	206.200 {4	In2306	ppm	0.1424	0.0031	2.177	0.1446	0.1402

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	220.32	5.3264	2.4176	216.55	224.09
In2306	230.606 {4	Cts/S	8363.5	120.3	1.4384	8278.4	8448.5
Y_2243	224.306 {4	Cts/S	12884	179.64	1.3943	12757	13011
Y_3600	360.073 { 9	Cts/S	115560	1856	1.6061	114250	116870
Y_3710	371.030 { 9	Cts/S	12365	339.2	2.7433	12125	12604

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.0002	42.39	0.0003	0.0006
Al3082	308.215	{1	In2306	ppm	0.3085	0.0126	4.097	0.2995	0.3174
As1890	189.042	{4	Y_2243	ppm	0.0042	0.0001	3.329	0.0041	0.0043
B_2496	249.678	{1	Y_3710	ppm	0.1966	0.0087	4.435	0.1904	0.2028
Ba4554	455.403	{ 7	Y_3710	ppm	0.183	0.0001	0.0298	0.183	0.183
Be3130	313.042	{1	Y_3710	ppm	0	0	50.71	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	54.63	1.118	2.047	55.42	53.84
Ca3181	318.128	{1	In2306	ppm	53.15	0.8854	1.666	53.77	52.52
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0	0.0045	0.0002	0.0002
Co2286	228.616	{4	In2306	ppm	0.0002	0.0001	33.06	0.0002	0.0003
Cr2677	267.716	{1	Y_3600	ppm	0.0018	0.0002	9.439	0.0019	0.0017
Cu3247	324.754	{1	Y_3600	ppm	0.0426	0.0011	2.554	0.0434	0.0418
Fe2404	240.488	{1	In2306	ppm	0.1541	0.0138	8.957	0.1639	0.1444
K_7664	766.490	{ 4	Y_3710	ppm	13.78	0.0316	0.2296	13.76	13.8
K_7698	769.896	{ 4	Y_3710	ppm	13.73	0.0341	0.2481	13.71	13.75
Li6707	670.784	{ 5	Y_3710	ppm	0.0098	0.0002	1.685	0.0097	0.0099
Mg2790	279.079	{1	Y_3710	ppm	5.146	0.0443	0.8609	5.115	5.177
Mn2576	257.610	{1	Y_3600	ppm	0.0273	0.0007	2.596	0.0278	0.0268
Mn2576-2	257.610	{1	Y_3710	ppm	0.0261	0.0009	3.337	0.0255	0.0267
Mo2020	202.030	{4	Y_2243	ppm	0.0014	0.0004	28.4	0.0011	0.0017
Na5895	589.592	{ 5	Y_3710	ppm	78.52	0.0194	0.0247	78.51	78.53
Na8183	818.326	{ 4	Y_3710	ppm	77.44	0.1076	0.1389	77.52	77.36
Ni2316	231.604	{4	In2306	ppm	0.0021	0.0002	8.279	0.0022	0.0019
P_1782	178.284	{4	In2306	ppm	6.85	0.191	2.788	6.715	6.985
Pb2203	220.353	{4	In2306	ppm	0.002	0.0005	25.32	0.0017	0.0024
S_1820	182.034	{4	Y_2243	ppm	-1580	33.89	2.146	-1556	-1604
Sb2068	206.833	{4	Y_2243	ppm	0.0013	0.0021	158.1	0.0028	-0.0002
Se1960	196.090	{4	Y_2243	ppm	0.0029	0	0.0143	0.0029	0.0029
Si2516	251.611	{1	Y_3710	ppm	1.62	0.0219	1.352	1.605	1.636
Sn1899	189.989	{4	In2306	ppm	0.0028	0	1.286	0.0027	0.0028
Sr4215	421.552	{ 8	Y_3710	ppm	0.2309	0.0006	0.2542	0.2305	0.2313
Ti3349	334.904	{1	Y_3600	ppm	0.0013	0	2.977	0.0013	0.0013
Tl1908	190.856	{4	In2306	ppm	-0.0006	0.001	150.6	0	-0.0013
V_2924	292.402	{1	Y_3600	ppm	0.0034	0.0003	8.111	0.0032	0.0036
Zn2062	206.200	{4	In2306	ppm	0.1224	0.0024	1.978	0.1207	0.1241

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	216.46	4.2747	1.9749	213.44	219.48
In2306	230.606	{4	Cts/S	8566.6	211.31	2.4667	8716	8417.2
Y_2243	224.306	{4	Cts/S	12845	335.41	2.6111	13083	12608
Y_3600	360.073	{ 9	Cts/S	118590	2156.7	1.8186	117070	120120
Y_3710	371.030	{ 9	Cts/S	12228	73.427	0.60047	12280	12176

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0001	428.3	0.0001	-0.0001
Al3082	308.215	{1	In2306	ppm	0.0156	0.0206	132	0.001	0.0302
As1890	189.042	{4	Y_2243	ppm	0.0036	0.0009	24.23	0.003	0.0042
B_2496	249.678	{1	Y_3710	ppm	0.3226	0.0051	1.567	0.3262	0.3191
Ba4554	455.403	{ 7	Y_3710	ppm	0.1269	0.0005	0.4138	0.1265	0.1272
Be3130	313.042	{1	Y_3710	ppm	0	0	168.7	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	10.35	0.1224	1.183	10.43	10.26
Ca3181	318.128	{1	In2306	ppm	9.932	0.218	2.195	10.09	9.778
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0	6.642	0.0003	0.0003
Co2286	228.616	{4	In2306	ppm	0.0006	0.0001	14.4	0.0007	0.0005
Cr2677	267.716	{1	Y_3600	ppm	0.0009	0.0001	13.84	0.001	0.0008
Cu3247	324.754	{1	Y_3600	ppm	0.7012	0.001	0.1491	0.7019	0.7004
Fe2404	240.488	{1	In2306	ppm	1.812	0.0209	1.151	1.827	1.798
K_7664	766.490	{ 4	Y_3710	ppm	2.753	0.0076	0.2744	2.748	2.759
K_7698	769.896	{ 4	Y_3710	ppm	2.82	0.0014	0.0493	2.819	2.821
Li6707	670.784	{ 5	Y_3710	ppm	0.0196	0.0009	4.771	0.0189	0.0203
Mg2790	279.079	{1	Y_3710	ppm	2.706	0.0111	0.4091	2.713	2.698
Mn2576	257.610	{1	Y_3600	ppm	0.047	0.0001	0.2753	0.047	0.0469
Mn2576-2	257.610	{1	Y_3710	ppm	0.0432	0.0017	4.038	0.042	0.0444
Mo2020	202.030	{4	Y_2243	ppm	0.0056	0.0001	1.304	0.0057	0.0056
Na5895	589.592	{ 5	Y_3710	ppm	247.7	2.263	0.9135	249.3	246.1
Na8183	818.326	{ 4	Y_3710	ppm	267.3	0.0588	0.022	267.3	267.2
Ni2316	231.604	{4	In2306	ppm	0.0014	0.0001	8.182	0.0013	0.0014
P_1782	178.284	{4	In2306	ppm	0.5562	0.1209	21.73	0.4707	0.6416
Pb2203	220.353	{4	In2306	ppm	0.0116	0.0006	4.887	0.012	0.0112
S_1820	182.034	{4	Y_2243	ppm	-191.7	22.77	11.87	-175.6	-207.8
Sb2068	206.833	{4	Y_2243	ppm	0.0039	0.0001	1.518	0.0039	0.004
Se1960	196.090	{4	Y_2243	ppm	0.0015	0.0002	10.29	0.0014	0.0016
Si2516	251.611	{1	Y_3710	ppm	7.277	0.1662	2.285	7.394	7.159
Sn1899	189.989	{4	In2306	ppm	0.0016	0.0003	20.62	0.0018	0.0013
Sr4215	421.552	{ 8	Y_3710	ppm	0.2376	0.0001	0.0505	0.2375	0.2376
Ti3349	334.904	{1	Y_3600	ppm	0.0018	0.0012	70.51	0.0026	0.0009
Tl1908	190.856	{4	In2306	ppm	-0.0006	0.0007	129.2	0	-0.0011
V_2924	292.402	{1	Y_3600	ppm	0.0009	0	5.137	0.0009	0.001
Zn2062	206.200	{4	In2306	ppm	0.229	0.0051	2.246	0.2326	0.2253

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	222.86	2.5905	1.1624	221.03	224.7
In2306	230.606	{4	Cts/S	8273.4	20.837	0.25186	8258.6	8288.1
Y_2243	224.306	{4	Cts/S	12795	21.103	0.16493	12780	12810
Y_3600	360.073	{ 9	Cts/S	114490	138.79	0.12123	114390	114580
Y_3710	371.030	{ 9	Cts/S	12394	5.4176	0.04371	12390	12398

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0002	209.1	0.0001	-0.0003
Al3082	308.215	{1	In2306	ppm	0.0867	0.0306	35.3	0.1084	0.0651
As1890	189.042	{4	Y_2243	ppm	0.0019	0.0008	43.62	0.0025	0.0013
B_2496	249.678	{1	Y_3710	ppm	0.1221	0.0032	2.601	0.1244	0.1199
Ba4554	455.403	{ 7	Y_3710	ppm	0.0815	0.0012	1.508	0.0824	0.0807
Be3130	313.042	{1	Y_3710	ppm	0	0.0001	1035	-0.0001	0
Ca3158	315.887	{1	In2306	ppm	27.9	0.1074	0.3848	27.98	27.83
Ca3181	318.128	{1	In2306	ppm	26.81	0.1774	0.6617	26.93	26.68
Cd2288	228.802	{4	Y_2243	ppm	0	0.0001	118	-0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0004	0.0002	45.42	0.0002	0.0005
Cr2677	267.716	{1	Y_3600	ppm	0.001	0	2.133	0.0011	0.001
Cu3247	324.754	{1	Y_3600	ppm	0.0053	0.0001	2.036	0.0054	0.0052
Fe2404	240.488	{1	In2306	ppm	0.1076	0.0006	0.5193	0.1072	0.108
K_7664	766.490	{ 4	Y_3710	ppm	6.554	0.057	0.8699	6.595	6.514
K_7698	769.896	{ 4	Y_3710	ppm	6.446	0.0504	0.7825	6.482	6.41
Li6707	670.784	{ 5	Y_3710	ppm	0.0049	0.0001	1.683	0.005	0.0049
Mg2790	279.079	{1	Y_3710	ppm	3.276	0.0233	0.7119	3.259	3.292
Mn2576	257.610	{1	Y_3600	ppm	0.0213	0	0.0863	0.0213	0.0214
Mn2576-2	257.610	{1	Y_3710	ppm	0.0205	0.0005	2.41	0.0209	0.0202
Mo2020	202.030	{4	Y_2243	ppm	0.0018	0.0001	7.227	0.0019	0.0017
Na5895	589.592	{ 5	Y_3710	ppm	57.39	0.8271	1.441	57.98	56.81
Na8183	818.326	{ 4	Y_3710	ppm	56.64	0.6803	1.201	57.12	56.16
Ni2316	231.604	{4	In2306	ppm	0.0017	0.0002	14.75	0.0019	0.0015
P_1782	178.284	{4	In2306	ppm	0.1334	0.0099	7.457	0.1264	0.1404
Pb2203	220.353	{4	In2306	ppm	0.0005	0.0012	228.3	0.0014	-0.0003
S_1820	182.034	{4	Y_2243	ppm	-1155	22.46	1.945	-1171	-1139
Sb2068	206.833	{4	Y_2243	ppm	0.0001	0.0003	256.5	-0.0001	0.0003
Se1960	196.090	{4	Y_2243	ppm	0.0004	0.0019	421.3	-0.0009	0.0018
Si2516	251.611	{1	Y_3710	ppm	1.051	0.0006	0.0553	1.051	1.051
Sn1899	189.989	{4	In2306	ppm	0.0002	0.0001	62.72	0.0001	0.0003
Sr4215	421.552	{ 8	Y_3710	ppm	0.1655	0.0016	0.9878	0.1666	0.1643
Ti3349	334.904	{1	Y_3600	ppm	0.0022	0.0001	2.463	0.0023	0.0022
Tl1908	190.856	{4	In2306	ppm	-0.0007	0.0016	211	0.0004	-0.0019
V_2924	292.402	{1	Y_3600	ppm	0.0022	0	0.7605	0.0022	0.0021
Zn2062	206.200	{4	In2306	ppm	0.01	0.0028	28.29	0.008	0.012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	225.22	1.8806	0.83499	223.89	226.55
In2306	230.606	{4	Cts/S	8816.9	19.675	0.22315	8803	8830.8
Y_2243	224.306	{4	Cts/S	13071	24.655	0.18863	13053	13088
Y_3600	360.073	{ 9	Cts/S	121470	36.143	0.02976	121440	121490
Y_3710	371.030	{ 9	Cts/S	12498	76.627	0.61309	12444	12553

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0005	191.3	0.0006	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0869	0.0026	3.007	0.085	0.0887
As1890	189.042 {4	Y_2243	ppm	0.0196	0.0003	1.364	0.0197	0.0194
B_2496	249.678 {1	Y_3710	ppm	0.8169	0.0231	2.83	0.8332	0.8005
Ba4554	455.403 { 7	Y_3710	ppm	0.0197	0.0001	0.7261	0.0198	0.0196
Be3130	313.042 {1	Y_3710	ppm	0	0	78.99	0	0.0001
Ca3158	315.887 {1	In2306	ppm	114.4	3.932	3.436	117.2	111.7
Ca3181	318.128 {1	In2306	ppm	110.2	3.957	3.591	113	107.4
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	53.39	0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	57.98	-0.0002	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0004	21.49	0.0014	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.0125	0.0003	2.31	0.0123	0.0127
Fe2404	240.488 {1	In2306	ppm	0.1633	0.0019	1.188	0.1647	0.162
K_7664	766.490 { 4	Y_3710	ppm	21.42	0.087	0.4061	21.48	21.36
K_7698	769.896 { 4	Y_3710	ppm	21.71	0.1256	0.5787	21.8	21.62
Li6707	670.784 { 5	Y_3710	ppm	0.2256	0.0001	0.0552	0.2255	0.2257
Mg2790	279.079 {1	Y_3710	ppm	144.8	4.239	2.927	147.8	141.8
Mn2576	257.610 {1	Y_3600	ppm	0.0023	0.0001	4.453	0.0022	0.0024
Mn2576-2	257.610 {1	Y_3710	ppm	0.0021	0.0002	10.95	0.0019	0.0023
Mo2020	202.030 {4	Y_2243	ppm	0.003	0	0.785	0.003	0.0031
Na5895	589.592 { 5	Y_3710	ppm	167.8	4.086	2.435	164.9	170.7
Na8183	818.326 { 4	Y_3710	ppm	177.6	1.571	0.8845	178.7	176.5
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0003	57.2	0.0003	0.0006
P_1782	178.284 {4	In2306	ppm	0.0143	0.0023	15.93	0.0127	0.016
Pb2203	220.353 {4	In2306	ppm	0.0023	0.0002	8.87	0.0025	0.0022
S_1820	182.034 {4	Y_2243	ppm	-22490	417.6	1.857	-22780	-22190
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0001	44.1	0.0002	0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0511	0.0038	7.373	0.0538	0.0484
Si2516	251.611 {1	Y_3710	ppm	2.478	0.0204	0.8242	2.464	2.493
Sn1899	189.989 {4	In2306	ppm	0	0.0002	719.4	0.0001	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	7.725	0.1509	1.954	7.832	7.618
Ti3349	334.904 {1	Y_3600	ppm	0.0015	0	2.545	0.0015	0.0015
Tl1908	190.856 {4	In2306	ppm	-0.0009	0.0008	82.87	-0.0004	-0.0014
V_2924	292.402 {1	Y_3600	ppm	0.0604	0.0005	0.8765	0.06	0.0608
Zn2062	206.200 {4	In2306	ppm	0.0127	0.0001	0.485	0.0127	0.0128

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	215.86	4.7252	2.189	212.52	219.21
In2306	230.606 {4	Cts/S	7939.7	1.1165	0.01406	7938.9	7940.5
Y_2243	224.306 {4	Cts/S	12210	34.504	0.28258	12234	12186
Y_3600	360.073 { 9	Cts/S	111060	230.25	0.20731	111220	110900
Y_3710	371.030 { 9	Cts/S	12374	207.36	1.6758	12227	12521

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Mode=CONC

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0006	767.6	0.0003	-0.0005
Al3082	308.215	{1	In2306	ppm	0.0033	0.0458	1391	-0.0291	0.0357
As1890	189.042	{4	Y_2243	ppm	0.0143	0.0008	5.277	0.0148	0.0137
B_2496	249.678	{1	Y_3710	ppm	0.6123	0.0369	6.033	0.5862	0.6384
Ba4554	455.403	{ 7	Y_3710	ppm	0.0204	0.0018	8.732	0.0192	0.0217
Be3130	313.042	{1	Y_3710	ppm	0	0	1006	0	0
Ca3158	315.887	{1	In2306	ppm	100.9	4.179	4.142	97.95	103.9
Ca3181	318.128	{1	In2306	ppm	96.88	4.047	4.178	94.02	99.74
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0.0001	24.73	0.0003	0.0002
Co2286	228.616	{4	In2306	ppm	0.0002	0.0001	32.5	0.0002	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0009	0.0007	70.48	0.0005	0.0014
Cu3247	324.754	{1	Y_3600	ppm	0.0158	0.0002	1.425	0.0159	0.0156
Fe2404	240.488	{1	In2306	ppm	0.0182	0.005	27.33	0.0217	0.0147
K_7664	766.490	{ 4	Y_3710	ppm	24.06	1.753	7.286	22.82	25.3
K_7698	769.896	{ 4	Y_3710	ppm	24.55	1.878	7.649	23.22	25.88
Li6707	670.784	{ 5	Y_3710	ppm	0.2278	0.0198	8.69	0.2138	0.2418
Mg2790	279.079	{1	Y_3710	ppm	145.1	6.371	4.39	140.6	149.6
Mn2576	257.610	{1	Y_3600	ppm	-0.0008	0	5.914	-0.0008	-0.0009
Mn2576-2	257.610	{1	Y_3710	ppm	-0.001	0.0008	81.34	-0.0015	-0.0004
Mo2020	202.030	{4	Y_2243	ppm	0.0051	0.0001	2.856	0.0052	0.005
Na5895	589.592	{ 5	Y_3710	ppm	275.1	17.25	6.271	262.9	287.2
Na8183	818.326	{ 4	Y_3710	ppm	302	20.01	6.625	287.8	316.1
Ni2316	231.604	{4	In2306	ppm	0.0012	0.0002	16.66	0.0013	0.001
P_1782	178.284	{4	In2306	ppm	0.0082	0.0009	11.37	0.0088	0.0075
Pb2203	220.353	{4	In2306	ppm	0.0014	0.0003	19.54	0.0016	0.0012
S_1820	182.034	{4	Y_2243	ppm	-21120	692.9	3.28	-21610	-20630
Sb2068	206.833	{4	Y_2243	ppm	0	0.0003	679.8	-0.0002	0.0003
Se1960	196.090	{4	Y_2243	ppm	0.0297	0.0019	6.309	0.031	0.0283
Si2516	251.611	{1	Y_3710	ppm	1.868	0.0038	0.2054	1.865	1.87
Sn1899	189.989	{4	In2306	ppm	0.0003	0.0003	99.94	0.0005	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	7.896	0.333	4.217	7.661	8.132
Ti3349	334.904	{1	Y_3600	ppm	0.0016	0.0003	15.92	0.0014	0.0018
Tl1908	190.856	{4	In2306	ppm	0.0017	0.0008	50.03	0.0023	0.0011
V_2924	292.402	{1	Y_3600	ppm	0.0508	0.0001	0.271	0.0507	0.0509
Zn2062	206.200	{4	In2306	ppm	0.0721	0.0029	3.97	0.0741	0.0701

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	224.48	10.505	4.6797	231.91	217.05
In2306	230.606	{4	Cts/S	7757.9	153.02	1.9725	7649.7	7866.1
Y_2243	224.306	{4	Cts/S	12037	244	2.0271	11864	12209
Y_3600	360.073	{ 9	Cts/S	108910	50.982	0.04681	108870	108940
Y_3710	371.030	{ 9	Cts/S	12752	608.15	4.7691	13182	12322

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Sample Type=Unk

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0002	0.0001	60.21	0.0001	0.0003
Al3082	308.215	{1	In2306	ppm	0.0166	0.0169	102	0.0046	0.0286
As1890	189.042	{4	Y_2243	ppm	0.0133	0.0007	5.45	0.0128	0.0139
B_2496	249.678	{1	Y_3710	ppm	0.5679	0.0082	1.443	0.5621	0.5737
Ba4554	455.403	{ 7	Y_3710	ppm	0.0263	0.0006	2.409	0.0258	0.0267
Be3130	313.042	{1	Y_3710	ppm	0	0.0001	370.2	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	103.4	1.983	1.918	102	104.8
Ca3181	318.128	{1	In2306	ppm	98.89	1.658	1.677	97.72	100.1
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0	34.9	0.0002	0.0001
Co2286	228.616	{4	In2306	ppm	0	0.0002	1775	0.0001	-0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0042	0	0.2265	0.0042	0.0042
Cu3247	324.754	{1	Y_3600	ppm	0.0131	0.0003	1.92	0.0133	0.013
Fe2404	240.488	{1	In2306	ppm	0.017	0.0011	6.685	0.0178	0.0162
K_7664	766.490	{ 4	Y_3710	ppm	28.34	0.224	0.7904	28.18	28.5
K_7698	769.896	{ 4	Y_3710	ppm	29.05	0.1588	0.5467	28.93	29.16
Li6707	670.784	{ 5	Y_3710	ppm	0.2845	0.0004	0.1478	0.2842	0.2848
Mg2790	279.079	{1	Y_3710	ppm	154.7	2.215	1.432	153.1	156.2
Mn2576	257.610	{1	Y_3600	ppm	-0.0014	0.0001	4.526	-0.0013	-0.0014
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0009	0.0005	50.65	-0.0006	-0.0012
Mo2020	202.030	{4	Y_2243	ppm	0.0037	0	0.4772	0.0037	0.0037
Na5895	589.592	{ 5	Y_3710	ppm	372.4	8.557	2.298	366.4	378.5
Na8183	818.326	{ 4	Y_3710	ppm	444.3	5.079	1.143	440.7	447.9
Ni2316	231.604	{4	In2306	ppm	0.0001	0.0001	42.86	0.0002	0.0001
P_1782	178.284	{4	In2306	ppm	0.0067	0.0004	6.678	0.007	0.0064
Pb2203	220.353	{4	In2306	ppm	0.0025	0.0008	32.26	0.003	0.0019
S_1820	182.034	{4	Y_2243	ppm	-21130	192.7	0.912	-21260	-20990
Sb2068	206.833	{4	Y_2243	ppm	-0.0008	0.0019	249.2	0.0006	-0.0022
Se1960	196.090	{4	Y_2243	ppm	0.0233	0.0007	3.221	0.0238	0.0227
Si2516	251.611	{1	Y_3710	ppm	1.888	0.0374	1.982	1.861	1.914
Sn1899	189.989	{4	In2306	ppm	0.0001	0.0003	248.2	0.0003	-0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	8.585	0.0051	0.0591	8.582	8.589
Ti3349	334.904	{1	Y_3600	ppm	0.0011	0	1.231	0.0011	0.0011
Tl1908	190.856	{4	In2306	ppm	0.0003	0.0005	201.2	0.0006	-0.0001
V_2924	292.402	{1	Y_3600	ppm	0.0397	0.0004	0.9	0.0395	0.04
Zn2062	206.200	{4	In2306	ppm	0.0127	0.0004	2.857	0.0125	0.013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	214.14	2.769	1.2931	216.1	212.18
In2306	230.606	{4	Cts/S	7517.5	39.131	0.52054	7489.8	7545.1
Y_2243	224.306	{4	Cts/S	11724	72.348	0.61709	11673	11775
Y_3600	360.073	{ 9	Cts/S	106120	20.078	0.01892	106100	106130
Y_3710	371.030	{ 9	Cts/S	12152	132.85	1.0932	12246	12058

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/10/2012 10:17:49

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0	119.4	0	0
Al3082	308.215	{1	In2306	ppm	0.0642	0.0093	14.42	0.0577	0.0707
As1890	189.042	{4	Y_2243	ppm	0.0157	0.0006	3.516	0.0153	0.016
B_2496	249.678	{1	Y_3710	ppm	0.7242	0.014	1.933	0.7341	0.7143
Ba4554	455.403	{ 7	Y_3710	ppm	0.0329	0.0006	1.745	0.0333	0.0325
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	135.8	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	124.3	3.885	3.126	127.1	121.6
Ca3181	318.128	{1	In2306	ppm	118.4	3.807	3.216	121.1	115.7
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0	24.62	0.0001	0.0002
Co2286	228.616	{4	In2306	ppm	-0.0001	0.0001	63.94	-0.0002	-0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.001	0.0001	9.531	0.001	0.0009
Cu3247	324.754	{1	Y_3600	ppm	0.007	0.0002	3.357	0.0069	0.0072
Fe2404	240.488	{1	In2306	ppm	0.174	0.0041	2.353	0.1711	0.1768
K_7664	766.490	{ 4	Y_3710	ppm	20.41	0.4595	2.252	20.73	20.08
K_7698	769.896	{ 4	Y_3710	ppm	20.78	0.4909	2.362	21.13	20.44
Li6707	670.784	{ 5	Y_3710	ppm	0.1976	0.0042	2.145	0.2006	0.1947
Mg2790	279.079	{1	Y_3710	ppm	158.9	2.613	1.644	160.8	157.1
Mn2576	257.610	{1	Y_3600	ppm	0.0043	0	0.9483	0.0042	0.0043
Mn2576-2	257.610	{1	Y_3710	ppm	0.0044	0.0003	7.524	0.0046	0.0042
Mo2020	202.030	{4	Y_2243	ppm	0.0111	0.0003	2.475	0.0109	0.0113
Na5895	589.592	{ 5	Y_3710	ppm	103	2.029	1.969	104.5	101.6
Na8183	818.326	{ 4	Y_3710	ppm	105.7	1.942	1.836	107.1	104.4
Ni2316	231.604	{4	In2306	ppm	0.0003	0.0002	65.7	0.0002	0.0004
P_1782	178.284	{4	In2306	ppm	0.0128	0.0006	4.696	0.0132	0.0124
Pb2203	220.353	{4	In2306	ppm	0.0014	0.0008	58.15	0.0008	0.0019
S_1820	182.034	{4	Y_2243	ppm	-16970	391.3	2.306	-16690	-17250
Sb2068	206.833	{4	Y_2243	ppm	-0.0008	0.0013	152.5	0.0001	-0.0017
Se1960	196.090	{4	Y_2243	ppm	0.059	0.0004	0.5939	0.0593	0.0588
Si2516	251.611	{1	Y_3710	ppm	7.413	0.0458	0.6185	7.445	7.38
Sn1899	189.989	{4	In2306	ppm	0.0005	0.0002	45.21	0.0004	0.0007
Sr4215	421.552	{ 8	Y_3710	ppm	8.509	0.123	1.445	8.422	8.596
Ti3349	334.904	{1	Y_3600	ppm	0.0018	0.0002	13.68	0.0019	0.0016
Tl1908	190.856	{4	In2306	ppm	-0.0018	0.0019	104.8	-0.0005	-0.0031
V_2924	292.402	{1	Y_3600	ppm	0.0483	0.0004	0.8962	0.0486	0.048
Zn2062	206.200	{4	In2306	ppm	0.0099	0.0002	2.203	0.0098	0.0101

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	213.09	7.3482	3.4483	207.9	218.29
In2306	230.606	{4	Cts/S	8025.9	168.44	2.0987	8145	7906.8
Y_2243	224.306	{4	Cts/S	12274	254.37	2.0723	12454	12095
Y_3600	360.073	{ 9	Cts/S	111800	259.77	0.23235	111610	111980
Y_3710	371.030	{ 9	Cts/S	11968	197.19	1.6476	11829	12108

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Custom ID3=

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2334	0.0033	1.423	0.2357	0.231
Al3082	308.215	{1 In2306	ppm	2.593	0.0081	0.3115	2.588	2.599
As1890	189.042	{4 Y_2243	ppm	0.5585	0.0002	0.0288	0.5586	0.5584
B_2496	249.678	{1 Y_3710	ppm	0.4813	0.0071	1.465	0.4862	0.4763
Ba4554	455.403	{ 7 Y_3710	ppm	0.4939	0.001	0.2023	0.4932	0.4946
Be3130	313.042	{1 Y_3710	ppm	0.4875	0.0015	0.2983	0.4885	0.4865
Ca3158	315.887	{1 In2306	ppm	13.26	0.1496	1.128	13.36	13.15
Ca3181	318.128	{1 In2306	ppm	12.43	0.3857	3.103	12.7	12.16
Cd2288	228.802	{4 Y_2243	ppm	0.5168	0.0004	0.0797	0.5165	0.5171
Co2286	228.616	{4 In2306	ppm	0.5058	0.0017	0.3402	0.5046	0.507
Cr2677	267.716	{1 Y_3600	ppm	0.5085	0.0093	1.826	0.5151	0.5019
Cu3247	324.754	{1 Y_3600	ppm	0.5419	0.006	1.108	0.5462	0.5377
Fe2404	240.488	{1 In2306	ppm	2.563	0.0024	0.0933	2.564	2.561
K_7664	766.490	{ 4 Y_3710	ppm	12.93	0.1507	1.166	12.82	13.03
K_7698	769.896	{ 4 Y_3710	ppm	13.11	0.1263	0.9633	13.02	13.2
Li6707	670.784	{ 5 Y_3710	ppm	0.5608	0.0142	2.537	0.5507	0.5709
Mg2790	279.079	{1 Y_3710	ppm	4.611	0.0455	0.9872	4.579	4.643
Mn2576	257.610	{1 Y_3600	ppm	0.4577	0.0077	1.687	0.4632	0.4523
Mn2576-2	257.610	{1 Y_3710	ppm	0.4276	0.0042	0.9731	0.4305	0.4247
Mo2020	202.030	{4 Y_2243	ppm	0.4967	0.0031	0.615	0.4988	0.4945
Na5895	589.592	{ 5 Y_3710	ppm	13.4	0.2279	1.701	13.24	13.56
Na8183	818.326	{ 4 Y_3710	ppm	12.93	0.2326	1.799	12.77	13.1
Ni2316	231.604	{4 In2306	ppm	0.4703	0.0007	0.1464	0.4698	0.4708
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0011	166.4	0.0001	-0.0014
Pb2203	220.353	{4 In2306	ppm	0.5313	0.0024	0.4498	0.5297	0.533
S_1820	182.034	{4 Y_2243	ppm	-152.9	14.8	9.681	-142.4	-163.4
Sb2068	206.833	{4 Y_2243	ppm	0.5106	0.0035	0.6828	0.5131	0.5082
Se1960	196.090	{4 Y_2243	ppm	0.5048	0.002	0.4052	0.5034	0.5063
Si2516	251.611	{1 Y_3710	ppm	0.7969	0.0109	1.374	0.7892	0.8046
Sn1899	189.989	{4 In2306	ppm	0.4909	0.0005	0.0969	0.4913	0.4906
Sr4215	421.552	{ 8 Y_3710	ppm	0.2707	0.0007	0.2447	0.2702	0.2712
Ti3349	334.904	{1 Y_3600	ppm	0.4797	0.0096	2.004	0.4865	0.4729
Tl1908	190.856	{4 In2306	ppm	0.4914	0	0.0023	0.4914	0.4914
V_2924	292.402	{1 Y_3600	ppm	0.4835	0.0092	1.905	0.49	0.4769
Zn2062	206.200	{4 In2306	ppm	0.5015	0.0002	0.0377	0.5013	0.5016

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	225.44	0.04305	0.0191	225.47	225.41
In2306	230.606	{4 Cts/S	9009.6	28.297	0.31408	9029.6	8989.6
Y_2243	224.306	{4 Cts/S	13169	24.323	0.1847	13186	13152
Y_3600	360.073	{ 9 Cts/S	124690	2067.9	1.6585	123220	126150
Y_3710	371.030	{ 9 Cts/S	12454	45.553	0.36578	12486	12421

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Custom ID2=

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0043	0.0007	15.7	0.0038	0.0047
Al3082	308.215 {1	In2306	ppm	0.0687	0.0013	1.889	0.0678	0.0696
As1890	189.042 {4	Y_2243	ppm	0.0118	0.0024	20.22	0.0101	0.0134
B_2496	249.678 {1	Y_3710	ppm	0.0122	0.0011	8.804	0.0129	0.0114
Ba4554	455.403 { 7	Y_3710	ppm	0.0094	0.0008	8.142	0.0088	0.0099
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	4.669	0.0045	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1044	0.0168	16.09	0.0925	0.1163
Ca3181	318.128 {1	In2306	ppm	0.0717	0.0011	1.54	0.0725	0.0709
Cd2288	228.802 {4	Y_2243	ppm	0.0072	0.0027	37.17	0.0053	0.009
Co2286	228.616 {4	In2306	ppm	0.0119	0.0024	20.43	0.0102	0.0137
Cr2677	267.716 {1	Y_3600	ppm	0.0101	0.0003	3.356	0.0099	0.0103
Cu3247	324.754 {1	Y_3600	ppm	0.0155	0.0001	0.792	0.0156	0.0154
Fe2404	240.488 {1	In2306	ppm	0.1019	0.0059	5.758	0.0978	0.1061
K_7664	766.490 { 4	Y_3710	ppm	0.6002	0.029	4.835	0.5796	0.6207
K_7698	769.896 { 4	Y_3710	ppm	0.6329	0.0534	8.437	0.5951	0.6706
Li6707	670.784 { 5	Y_3710	ppm	0.0094	0.0006	6.109	0.009	0.0098
Mg2790	279.079 {1	Y_3710	ppm	0.1255	0.0257	20.52	0.1073	0.1437
Mn2576	257.610 {1	Y_3600	ppm	0.0096	0.0001	1.129	0.0095	0.0096
Mn2576-2	257.610 {1	Y_3710	ppm	0.009	0.0005	6.04	0.0087	0.0094
Mo2020	202.030 {4	Y_2243	ppm	0.0132	0.0029	22.38	0.0111	0.0153
Na5895	589.592 { 5	Y_3710	ppm	0.647	0.0295	4.558	0.6261	0.6678
Na8183	818.326 { 4	Y_3710	ppm	0.7921	0.0666	8.402	0.745	0.8391
Ni2316	231.604 {4	In2306	ppm	0.0112	0.0022	19.39	0.0096	0.0127
P_1782	178.284 {4	In2306	ppm	0.0059	0.0003	5.457	0.0061	0.0057
Pb2203	220.353 {4	In2306	ppm	0.013	0.0014	10.72	0.012	0.014
S_1820	182.034 {4	Y_2243	ppm	-3.232	1.425	44.11	-2.224	-4.239
Sb2068	206.833 {4	Y_2243	ppm	0.0207	0.0033	15.79	0.0184	0.023
Se1960	196.090 {4	Y_2243	ppm	0.0113	0.0021	19.01	0.0098	0.0128
Si2516	251.611 {1	Y_3710	ppm	0.0157	0.01	63.88	0.0086	0.0228
Sn1899	189.989 {4	In2306	ppm	0.012	0.0028	23.47	0.01	0.014
Sr4215	421.552 { 8	Y_3710	ppm	0.0054	0.0002	4.211	0.0052	0.0055
Ti3349	334.904 {1	Y_3600	ppm	0.0104	0.0006	5.873	0.0099	0.0108
Tl1908	190.856 {4	In2306	ppm	0.0124	0.0021	16.79	0.0109	0.0139
V_2924	292.402 {1	Y_3600	ppm	0.0094	0.0002	2.017	0.0093	0.0095
Zn2062	206.200 {4	In2306	ppm	0.012	0.0024	20	0.0103	0.0137

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	230.35	8.8303	3.8334	236.6	224.11
In2306	230.606 {4	Cts/S	9597.1	108.5	1.1305	9520.4	9673.8
Y_2243	224.306 {4	Cts/S	13459	165.69	1.2311	13342	13576
Y_3600	360.073 { 9	Cts/S	126800	1717	1.3541	128010	125590
Y_3710	371.030 { 9	Cts/S	12829	462.43	3.6045	13156	12502

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0004	502.7	0.0002	-0.0003
Al3082	308.215	{1	In2306	ppm	-0.0195	0.0126	64.57	-0.0284	-0.0106
As1890	189.042	{4	Y_2243	ppm	0.0001	0.0005	325.6	-0.0002	0.0005
B_2496	249.678	{1	Y_3710	ppm	0.0046	0.002	42.08	0.0033	0.006
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0004	0	3.647	-0.0004	-0.0004
Be3130	313.042	{1	Y_3710	ppm	0	0	242	0	0
Ca3158	315.887	{1	In2306	ppm	0.01	0.0036	36.23	0.0126	0.0075
Ca3181	318.128	{1	In2306	ppm	-0.0251	0.045	179.2	0.0067	-0.0569
Cd2288	228.802	{4	Y_2243	ppm	0	0.0001	639.3	-0.0001	0.0001
Co2286	228.616	{4	In2306	ppm	0.0001	0.0001	68.07	0.0002	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0001	0.0005	425.7	0.0005	-0.0002
Cu3247	324.754	{1	Y_3600	ppm	0.0041	0.0002	4.284	0.004	0.0043
Fe2404	240.488	{1	In2306	ppm	0.0027	0.0024	89.5	0.001	0.0044
K_7664	766.490	{ 4	Y_3710	ppm	0.0307	0.0011	3.483	0.03	0.0315
K_7698	769.896	{ 4	Y_3710	ppm	0.0651	0.0587	90.06	0.1066	0.0237
Li6707	670.784	{ 5	Y_3710	ppm	-0.0011	0.0002	20.1	-0.0009	-0.0012
Mg2790	279.079	{1	Y_3710	ppm	0.0063	0.0171	272.9	-0.0058	0.0183
Mn2576	257.610	{1	Y_3600	ppm	0	0.0001	434.2	-0.0001	0
Mn2576-2	257.610	{1	Y_3710	ppm	0.0009	0.0002	16.9	0.0011	0.0008
Mo2020	202.030	{4	Y_2243	ppm	0.0001	0.0002	259.3	-0.0001	0.0003
Na5895	589.592	{ 5	Y_3710	ppm	0.0369	0.0037	10.16	0.0395	0.0342
Na8183	818.326	{ 4	Y_3710	ppm	0.1905	0.0132	6.904	0.1998	0.1812
Ni2316	231.604	{4	In2306	ppm	0.0002	0.0001	62.89	0.0002	0.0001
P_1782	178.284	{4	In2306	ppm	-0.002	0.0017	84.84	-0.0008	-0.0031
Pb2203	220.353	{4	In2306	ppm	0.001	0.0002	19.53	0.0009	0.0012
S_1820	182.034	{4	Y_2243	ppm	-1.113	0.2114	19	-1.263	-0.9635
Sb2068	206.833	{4	Y_2243	ppm	0.0008	0.0002	24.36	0.0006	0.0009
Se1960	196.090	{4	Y_2243	ppm	-0.0008	0.0008	111.5	-0.0002	-0.0014
Si2516	251.611	{1	Y_3710	ppm	0.0015	0.0124	846.4	-0.0073	0.0102
Sn1899	189.989	{4	In2306	ppm	0.0002	0.0002	101.7	0.0003	0
Sr4215	421.552	{ 8	Y_3710	ppm	0.0001	0.0001	56.59	0.0001	0.0001
Ti3349	334.904	{1	Y_3600	ppm	-0.0004	0.0002	55.28	-0.0005	-0.0002
Tl1908	190.856	{4	In2306	ppm	0.0013	0.0005	41.68	0.0009	0.0017
V_2924	292.402	{1	Y_3600	ppm	-0.0002	0.0002	109.7	0	-0.0003
Zn2062	206.200	{4	In2306	ppm	0	0.0001	144.5	0	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	231.77	9.0106	3.8878	225.4	238.14
In2306	230.606	{4	Cts/S	9657.6	50.133	0.51911	9693	9622.1
Y_2243	224.306	{4	Cts/S	13458	82.751	0.61488	13517	13400
Y_3600	360.073	{ 9	Cts/S	125200	124.44	0.09939	125290	125110
Y_3710	371.030	{ 9	Cts/S	13005	516.08	3.9684	12640	13370

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0004	172.3	0.0001	-0.0005
Al3082	308.215 {1	In2306	ppm	-0.0085	0.0041	48.48	-0.0056	-0.0114
As1890	189.042 {4	Y_2243	ppm	0.0237	0.0005	2.29	0.0241	0.0233
B_2496	249.678 {1	Y_3710	ppm	0.4096	0.0034	0.829	0.412	0.4072
Ba4554	455.403 { 7	Y_3710	ppm	0.0235	0.0004	1.559	0.0238	0.0233
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	152.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	104.7	1.307	1.248	105.6	103.8
Ca3181	318.128 {1	In2306	ppm	99.22	1.082	1.09	99.99	98.46
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	35.67	0.0003	0.0002
Co2286	228.616 {4	In2306	ppm	0	0.0003	878.9	-0.0003	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0001	17.83	0.0009	0.0007
Cu3247	324.754 {1	Y_3600	ppm	0.0063	0.0003	5.382	0.0065	0.006
Fe2404	240.488 {1	In2306	ppm	0.0119	0.003	25.43	0.0097	0.014
K_7664	766.490 { 4	Y_3710	ppm	31.19	0.1268	0.4065	31.28	31.1
K_7698	769.896 { 4	Y_3710	ppm	32.06	0.0519	0.1618	32.09	32.02
Li6707	670.784 { 5	Y_3710	ppm	0.2104	0.0027	1.289	0.2123	0.2084
Mg2790	279.079 {1	Y_3710	ppm	172.7	0.123	0.0712	172.6	172.8
Mn2576	257.610 {1	Y_3600	ppm	-0.0014	0	2.739	-0.0013	-0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0008	0.0007	81.16	-0.0004	-0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0003	12.5	0.0027	0.0022
Na5895	589.592 { 5	Y_3710	ppm	113.5	0.0415	0.0365	113.5	113.5
Na8183	818.326 { 4	Y_3710	ppm	123	0.6941	0.5645	123.5	122.5
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	169.2	0	0.0001
P_1782	178.284 {4	In2306	ppm	0.0106	0.0002	1.454	0.0105	0.0107
Pb2203	220.353 {4	In2306	ppm	0.0004	0.0012	285.4	0.0013	-0.0004
S_1820	182.034 {4	Y_2243	ppm	-24890	217.2	0.8727	-25040	-24740
Sb2068	206.833 {4	Y_2243	ppm	-0.0007	0.0014	189.7	0.0002	-0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0218	0.0003	1.303	0.0216	0.022
Si2516	251.611 {1	Y_3710	ppm	18.45	0.1701	0.9217	18.57	18.33
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0002	58.94	0.0004	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	8.335	0.0296	0.3546	8.315	8.356
Ti3349	334.904 {1	Y_3600	ppm	0.0013	0.0004	31.3	0.0015	0.001
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0004	59.17	0.0004	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0767	0.0008	1.08	0.0773	0.0761
Zn2062	206.200 {4	In2306	ppm	0.0097	0.0001	0.5938	0.0098	0.0097

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	216.77	2.625	1.211	214.91	218.63
In2306	230.606 {4	Cts/S	7818.2	42.357	0.54177	7788.3	7848.2
Y_2243	224.306 {4	Cts/S	11891	58.498	0.49195	11850	11932
Y_3600	360.073 { 9	Cts/S	111580	330.44	0.29615	111810	111340
Y_3710	371.030 { 9	Cts/S	12070	2.2383	0.01854	12071	12068

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	296.3	0	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0094	0.0045	48.33	-0.0062	-0.0126
As1890	189.042 {4	Y_2243	ppm	0.016	0.0006	3.854	0.0156	0.0164
B_2496	249.678 {1	Y_3710	ppm	0.8807	0.0371	4.217	0.8545	0.907
Ba4554	455.403 { 7	Y_3710	ppm	0.0233	0.001	4.441	0.0226	0.024
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	27.9	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	96.53	1.79	1.854	95.26	97.79
Ca3181	318.128 {1	In2306	ppm	91.41	1.83	2.002	90.12	92.71
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0	1.959	0.0003	0.0003
Co2286	228.616 {4	In2306	ppm	-0.0002	0	6.223	-0.0002	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0048	0.0001	1.893	0.0048	0.0049
Cu3247	324.754 {1	Y_3600	ppm	0.0138	0.0002	1.311	0.0139	0.0137
Fe2404	240.488 {1	In2306	ppm	0.0408	0.0037	9.15	0.0381	0.0434
K_7664	766.490 { 4	Y_3710	ppm	26.18	1.437	5.491	25.16	27.19
K_7698	769.896 { 4	Y_3710	ppm	26.91	1.504	5.588	25.84	27.97
Li6707	670.784 { 5	Y_3710	ppm	0.2237	0.0146	6.523	0.2134	0.2341
Mg2790	279.079 {1	Y_3710	ppm	147.9	5.127	3.467	144.3	151.5
Mn2576	257.610 {1	Y_3600	ppm	-0.0013	0.0001	8.028	-0.0012	-0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0009	0.0002	23.49	-0.0008	-0.0011
Mo2020	202.030 {4	Y_2243	ppm	0.0033	0.0001	1.898	0.0033	0.0034
Na5895	589.592 { 5	Y_3710	ppm	271.5	10.6	3.903	264	279
Na8183	818.326 { 4	Y_3710	ppm	292.3	13.89	4.75	282.5	302.1
Ni2316	231.604 {4	In2306	ppm	0.0004	0	8.44	0.0004	0.0004
P_1782	178.284 {4	In2306	ppm	0.0059	0.0014	23.46	0.0069	0.0049
Pb2203	220.353 {4	In2306	ppm	0.0025	0.0005	19.75	0.0022	0.0029
S_1820	182.034 {4	Y_2243	ppm	-21570	55.79	0.2587	-21530	-21610
Sb2068	206.833 {4	Y_2243	ppm	0.0016	0.0002	13.35	0.0015	0.0018
Se1960	196.090 {4	Y_2243	ppm	0.0271	0.0002	0.6097	0.027	0.0272
Si2516	251.611 {1	Y_3710	ppm	10.59	0.4392	4.146	10.28	10.9
Sn1899	189.989 {4	In2306	ppm	0	0.0002	12010	-0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	8.244	0.3609	4.378	7.989	8.5
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0001	11.92	0.0009	0.001
Tl1908	190.856 {4	In2306	ppm	0.0005	0.0005	92.48	0.0009	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.041	0.0007	1.598	0.0415	0.0405
Zn2062	206.200 {4	In2306	ppm	0.0262	0.0001	0.4519	0.0263	0.0262

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	217.55	5.5032	2.5296	221.44	213.66
In2306	230.606 {4	Cts/S	7522.2	30.422	0.40443	7543.7	7500.7
Y_2243	224.306 {4	Cts/S	11559	52.505	0.45425	11596	11522
Y_3600	360.073 { 9	Cts/S	108470	991.08	0.91365	107770	109180
Y_3710	371.030 { 9	Cts/S	12302	459.01	3.7312	12626	11977

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	140.1	-0.0002	0
Al3082	308.215 {1	In2306	ppm	-0.0279	0.0274	98.25	-0.0473	-0.0085
As1890	189.042 {4	Y_2243	ppm	0.0027	0.0005	19.16	0.003	0.0023
B_2496	249.678 {1	Y_3710	ppm	0.0467	0.0021	4.56	0.0482	0.0452
Ba4554	455.403 { 7	Y_3710	ppm	0.1994	0.0094	4.736	0.2061	0.1927
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	1354	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	52.49	2.329	4.437	54.14	50.84
Ca3181	318.128 {1	In2306	ppm	49.41	2.049	4.147	50.85	47.96
Cd2288	228.802 {4	Y_2243	ppm	0	0	87.33	0	0
Co2286	228.616 {4	In2306	ppm	-0.0002	0.0001	39.67	-0.0001	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0002	12.75	0.0017	0.0014
Cu3247	324.754 {1	Y_3600	ppm	0.0066	0.0003	5.09	0.0064	0.0068
Fe2404	240.488 {1	In2306	ppm	0.0062	0.0074	119.3	0.0115	0.001
K_7664	766.490 { 4	Y_3710	ppm	2.197	0.1094	4.979	2.274	2.12
K_7698	769.896 { 4	Y_3710	ppm	2.032	0.149	7.336	2.137	1.926
Li6707	670.784 { 5	Y_3710	ppm	0.0109	0.0012	10.65	0.0117	0.0101
Mg2790	279.079 {1	Y_3710	ppm	3.836	0.1857	4.841	3.967	3.705
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	6.359	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.001	0.0005	46.58	0.0014	0.0007
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0001	25.07	0.0003	0.0004
Na5895	589.592 { 5	Y_3710	ppm	35.02	1.958	5.592	36.41	33.64
Na8183	818.326 { 4	Y_3710	ppm	32.67	1.634	5.002	33.83	31.52
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	142.7	0.0002	0
P_1782	178.284 {4	In2306	ppm	0.0947	0.0006	0.6313	0.0951	0.0943
Pb2203	220.353 {4	In2306	ppm	0.0015	0.0003	21.81	0.0018	0.0013
S_1820	182.034 {4	Y_2243	ppm	-411.2	114.3	27.8	-330.4	-492.1
Sb2068	206.833 {4	Y_2243	ppm	0.0004	0.0022	560.9	-0.0012	0.002
Se1960	196.090 {4	Y_2243	ppm	0.0023	0.0004	17.85	0.002	0.0026
Si2516	251.611 {1	Y_3710	ppm	9.548	0.5735	6.007	9.954	9.143
Sn1899	189.989 {4	In2306	ppm	0	0	21.04	0	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.2496	0.012	4.824	0.2581	0.2411
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0004	129.7	0	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0004	0.0005	129.7	0.0008	0
V_2924	292.402 {1	Y_3600	ppm	0.0042	0.0002	4.359	0.0043	0.0041
Zn2062	206.200 {4	In2306	ppm	0.0198	0.0001	0.6038	0.0199	0.0197

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	222.58	9.4628	4.2514	215.89	229.27
In2306	230.606 {4	Cts/S	8716.6	18.534	0.21263	8729.7	8703.4
Y_2243	224.306 {4	Cts/S	12766	41.505	0.32513	12795	12736
Y_3600	360.073 { 9	Cts/S	123730	4308.3	3.482	120690	126780
Y_3710	371.030 { 9	Cts/S	12235	497.31	4.0646	11884	12587

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0006	0.0001	20.38	-0.0005	-0.0006
Al3082	308.215	{1	In2306	ppm	0.0654	0.0172	26.29	0.0775	0.0532
As1890	189.042	{4	Y_2243	ppm	-0.0001	0.0001	211.4	-0.0001	0
B_2496	249.678	{1	Y_3710	ppm	0.1501	0.0089	5.954	0.1438	0.1564
Ba4554	455.403	{ 7	Y_3710	ppm	0.0607	0.0005	0.788	0.0604	0.061
Be3130	313.042	{1	Y_3710	ppm	0	0	408.9	0	0
Ca3158	315.887	{1	In2306	ppm	53.08	0.1487	0.2801	53.18	52.97
Ca3181	318.128	{1	In2306	ppm	50.1	0.3334	0.6654	50.34	49.87
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0	12.32	0.0002	0.0002
Co2286	228.616	{4	In2306	ppm	0.0001	0.0001	126	0.0001	0
Cr2677	267.716	{1	Y_3600	ppm	0.0013	0.0004	34.1	0.001	0.0016
Cu3247	324.754	{1	Y_3600	ppm	0.0575	0.0003	0.5575	0.0577	0.0572
Fe2404	240.488	{1	In2306	ppm	0.7333	0.0045	0.6149	0.7301	0.7365
K_7664	766.490	{ 4	Y_3710	ppm	46.32	0.9301	2.008	45.66	46.98
K_7698	769.896	{ 4	Y_3710	ppm	47.65	0.9683	2.032	46.97	48.34
Li6707	670.784	{ 5	Y_3710	ppm	0.0197	0	0.2415	0.0197	0.0197
Mg2790	279.079	{1	Y_3710	ppm	7.948	0.0446	0.5616	7.979	7.916
Mn2576	257.610	{1	Y_3600	ppm	0.0469	0.0004	0.8517	0.0472	0.0467
Mn2576-2	257.610	{1	Y_3710	ppm	0.0436	0.0006	1.405	0.044	0.0432
Mo2020	202.030	{4	Y_2243	ppm	0.002	0	1.282	0.002	0.002
Na5895	589.592	{ 5	Y_3710	ppm	156.8	6.33	4.036	161.3	152.4
Na8183	818.326	{ 4	Y_3710	ppm	165	1.61	0.9758	163.8	166.1
Ni2316	231.604	{4	In2306	ppm	0.0055	0.0001	1.031	0.0055	0.0056
P_1782	178.284	{4	In2306	ppm	19.09	0.0073	0.038	19.09	19.08
Pb2203	220.353	{4	In2306	ppm	0.0017	0.0013	73.4	0.0026	0.0008
S_1820	182.034	{4	Y_2243	ppm	-2534	4.587	0.181	-2531	-2537
Sb2068	206.833	{4	Y_2243	ppm	-0.0006	0.0017	279.7	0.0006	-0.0018
Se1960	196.090	{4	Y_2243	ppm	0.0021	0.0027	129.3	0.004	0.0002
Si2516	251.611	{1	Y_3710	ppm	7.553	0.0541	0.7166	7.515	7.591
Sn1899	189.989	{4	In2306	ppm	0.0012	0.0001	8.566	0.0011	0.0013
Sr4215	421.552	{ 8	Y_3710	ppm	0.3618	0.0022	0.6082	0.3602	0.3633
Ti3349	334.904	{1	Y_3600	ppm	0.0032	0.0001	3.34	0.0031	0.0032
Tl1908	190.856	{4	In2306	ppm	0.0007	0.0005	70.67	0.0004	0.0011
V_2924	292.402	{1	Y_3600	ppm	0.0035	0.0005	13.68	0.0038	0.0032
Zn2062	206.200	{4	In2306	ppm	0.25	0.0003	0.1192	0.2502	0.2498

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	215.07	2.0777	0.96606	216.54	213.6
In2306	230.606	{4	Cts/S	8159.1	28.907	0.35429	8179.5	8138.6
Y_2243	224.306	{4	Cts/S	12262	40.768	0.33247	12291	12233
Y_3600	360.073	{ 9	Cts/S	113190	682.12	0.60264	112710	113670
Y_3710	371.030	{ 9	Cts/S	12141	40.375	0.33257	12169	12112

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0002	0.0001	51.86	-0.0003	-0.0001
Al3082	308.215	{1	In2306	ppm	0.0122	0.0483	396.8	0.0463	-0.022
As1890	189.042	{4	Y_2243	ppm	0.0011	0.0013	111.3	0.002	0.0002
B_2496	249.678	{1	Y_3710	ppm	0.0005	0.0011	243.2	-0.0003	0.0012
Ba4554	455.403	{ 7	Y_3710	ppm	0.0002	0.0002	86.83	0.0004	0.0001
Be3130	313.042	{1	Y_3710	ppm	0	0	111.4	-0.0001	0
Ca3158	315.887	{1	In2306	ppm	0.817	0.0145	1.772	0.8067	0.8272
Ca3181	318.128	{1	In2306	ppm	0.7318	0.0236	3.228	0.7151	0.7485
Cd2288	228.802	{4	Y_2243	ppm	0	0.0001	779.6	-0.0001	0.0001
Co2286	228.616	{4	In2306	ppm	0	0.0001	414.4	0.0001	0
Cr2677	267.716	{1	Y_3600	ppm	-0.0002	0.0001	47.63	-0.0003	-0.0001
Cu3247	324.754	{1	Y_3600	ppm	0.0059	0.0002	3.419	0.0057	0.006
Fe2404	240.488	{1	In2306	ppm	0.078	0.0019	2.45	0.0766	0.0793
K_7664	766.490	{ 4	Y_3710	ppm	9.3	0.0235	0.253	9.317	9.284
K_7698	769.896	{ 4	Y_3710	ppm	9.499	0.0511	0.538	9.463	9.535
Li6707	670.784	{ 5	Y_3710	ppm	0	0.0006	1312	0.0004	-0.0005
Mg2790	279.079	{1	Y_3710	ppm	0.1078	0.0239	22.16	0.1246	0.0909
Mn2576	257.610	{1	Y_3600	ppm	0.0012	0	2.864	0.0012	0.0012
Mn2576-2	257.610	{1	Y_3710	ppm	0.0019	0.0002	11.71	0.002	0.0017
Mo2020	202.030	{4	Y_2243	ppm	0	0	375.6	0	0
Na5895	589.592	{ 5	Y_3710	ppm	41.11	0.1468	0.3572	41.22	41.01
Na8183	818.326	{ 4	Y_3710	ppm	39.75	0.0795	0.2	39.81	39.7
Ni2316	231.604	{4	In2306	ppm	0.0004	0.0002	59.17	0.0002	0.0005
P_1782	178.284	{4	In2306	ppm	0.3244	0.0907	27.96	0.2602	0.3885
Pb2203	220.353	{4	In2306	ppm	0.0008	0.0003	44.84	0.001	0.0005
S_1820	182.034	{4	Y_2243	ppm	-951.4	30.08	3.162	-930.1	-972.7
Sb2068	206.833	{4	Y_2243	ppm	0.0013	0.0006	47.52	0.0008	0.0017
Se1960	196.090	{4	Y_2243	ppm	0.0005	0.0001	21.08	0.0006	0.0005
Si2516	251.611	{1	Y_3710	ppm	0.0791	0.0008	1.073	0.0797	0.0785
Sn1899	189.989	{4	In2306	ppm	-0.0001	0.0004	401.1	0.0002	-0.0004
Sr4215	421.552	{ 8	Y_3710	ppm	0.0052	0	0.5927	0.0052	0.0053
Ti3349	334.904	{1	Y_3600	ppm	0	0.0005	1281	0.0004	-0.0003
Tl1908	190.856	{4	In2306	ppm	0.0005	0.0001	21.18	0.0004	0.0005
V_2924	292.402	{1	Y_3600	ppm	-0.0002	0	5.111	-0.0002	-0.0002
Zn2062	206.200	{4	In2306	ppm	0.0056	0.0015	26.69	0.0046	0.0067

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	217.93	0.27031	0.12403	217.74	218.13
In2306	230.606	{4	Cts/S	8865.4	172.29	1.9434	8987.3	8743.6
Y_2243	224.306	{4	Cts/S	12785	244.26	1.9104	12958	12613
Y_3600	360.073	{ 9	Cts/S	120530	1187.8	0.98547	119690	121370
Y_3710	371.030	{ 9	Cts/S	12533	12.599	0.10053	12542	12524

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Custom ID2=
Custom ID3=
Run Time=1/10/2012 10:42:05
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.4746	0.0023	0.4808	0.4763	0.473
Al3082	308.215	{1	In2306	ppm	10.79	0.1045	0.9682	10.72	10.87
As1890	189.042	{4	Y_2243	ppm	1.111	0.0138	1.243	1.121	1.101
B_2496	249.678	{1	Y_3710	ppm	0.9581	0.0214	2.239	0.9429	0.9732
Ba4554	455.403	{ 7	Y_3710	ppm	0.9952	0.0147	1.482	0.9848	1.006
Be3130	313.042	{1	Y_3710	ppm	0.4738	0.0032	0.6827	0.4715	0.4761
Ca3158	315.887	{1	In2306	ppm	10.94	0.0315	0.2883	10.96	10.92
Ca3181	318.128	{1	In2306	ppm	10.23	0.0195	0.1902	10.25	10.22
Cd2288	228.802	{4	Y_2243	ppm	0.5128	0.0041	0.7994	0.5157	0.5099
Co2286	228.616	{4	In2306	ppm	0.9712	0.0078	0.802	0.9767	0.9657
Cr2677	267.716	{1	Y_3600	ppm	1.052	0.0024	0.2239	1.05	1.054
Cu3247	324.754	{1	Y_3600	ppm	1.125	0.0092	0.8173	1.131	1.118
Fe2404	240.488	{1	In2306	ppm	10.74	0.0561	0.522	10.7	10.78
K_7664	766.490	{ 4	Y_3710	ppm	11.19	0.4504	4.024	10.87	11.51
K_7698	769.896	{ 4	Y_3710	ppm	11.09	0.3884	3.502	10.81	11.36
Li6707	670.784	{ 5	Y_3710	ppm	1.211	0.065	5.37	1.165	1.257
Mg2790	279.079	{1	Y_3710	ppm	9.055	0.0717	0.7921	9.004	9.105
Mn2576	257.610	{1	Y_3600	ppm	0.9206	0.0015	0.1618	0.9195	0.9217
Mn2576-2	257.610	{1	Y_3710	ppm	0.8469	0.0034	0.4011	0.8493	0.8445
Mo2020	202.030	{4	Y_2243	ppm	0.9388	0.0083	0.8892	0.9447	0.9329
Na5895	589.592	{ 5	Y_3710	ppm	11.69	0.521	4.456	11.32	12.06
Na8183	818.326	{ 4	Y_3710	ppm	10.8	0.1898	1.757	10.67	10.93
Ni2316	231.604	{4	In2306	ppm	0.9009	0.0077	0.8545	0.9063	0.8955
P_1782	178.284	{4	In2306	ppm	1.027	0.0121	1.177	1.035	1.018
Pb2203	220.353	{4	In2306	ppm	1.06	0.0076	0.7148	1.065	1.054
S_1820	182.034	{4	Y_2243	ppm	-27.48	0.5151	1.875	-27.11	-27.84
Sb2068	206.833	{4	Y_2243	ppm	0.9149	0.0334	3.654	0.9386	0.8913
Se1960	196.090	{4	Y_2243	ppm	0.9709	0.0076	0.7819	0.9763	0.9655
Si2516	251.611	{1	Y_3710	ppm	0.8751	0.0279	3.184	0.8554	0.8948
Sn1899	189.989	{4	In2306	ppm	0.9075	0.0111	1.223	0.9154	0.8997
Sr4215	421.552	{ 8	Y_3710	ppm	0.5381	0.0067	1.247	0.5333	0.5428
Ti3349	334.904	{1	Y_3600	ppm	0.9429	0.0023	0.2471	0.9446	0.9413
Tl1908	190.856	{4	In2306	ppm	0.9467	0.0081	0.8554	0.9524	0.941
V_2924	292.402	{1	Y_3600	ppm	0.9566	0.002	0.2097	0.958	0.9552
Zn2062	206.200	{4	In2306	ppm	0.9672	0.0084	0.8684	0.9731	0.9613

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	222.15	3.6084	1.6243	224.7	219.6
In2306	230.606	{4	Cts/S	9010.6	53.651	0.59542	8972.6	9048.5
Y_2243	224.306	{4	Cts/S	13079	70.393	0.53823	13029	13128
Y_3600	360.073	{ 9	Cts/S	121630	95.099	0.07819	121560	121700
Y_3710	371.030	{ 9	Cts/S	12396	147.69	1.1914	12501	12292

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Custom ID1=
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Custom ID3=
Run Time=1/10/2012 10:44:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0002	0.0003	142.5	-0.0004	0
Al3082	308.215	{1	In2306	ppm	0.0129	0.0132	102.4	0.0222	0.0036
As1890	189.042	{4	Y_2243	ppm	0.0083	0.0106	127.7	0.0008	0.0158
B_2496	249.678	{1	Y_3710	ppm	0.003	0.0005	17.63	0.0026	0.0033
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0002	0	21.62	-0.0002	-0.0001
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	140.3	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	0.0879	0.0022	2.555	0.0864	0.0895
Ca3181	318.128	{1	In2306	ppm	0.081	0.0038	4.699	0.0783	0.0837
Cd2288	228.802	{4	Y_2243	ppm	0.0042	0.0053	123.9	0.0005	0.008
Co2286	228.616	{4	In2306	ppm	0.0085	0.0106	125	0.001	0.0159
Cr2677	267.716	{1	Y_3600	ppm	0.0004	0.0001	38.25	0.0005	0.0003
Cu3247	324.754	{1	Y_3600	ppm	0.0049	0.0004	7.386	0.0052	0.0046
Fe2404	240.488	{1	In2306	ppm	0.1248	0.0077	6.199	0.1303	0.1193
K_7664	766.490	{ 4	Y_3710	ppm	0.0664	0.0021	3.199	0.0679	0.0649
K_7698	769.896	{ 4	Y_3710	ppm	0.0915	0.0147	16.09	0.1019	0.0811
Li6707	670.784	{ 5	Y_3710	ppm	-0.0005	0.0003	59.41	-0.0003	-0.0007
Mg2790	279.079	{1	Y_3710	ppm	0.0126	0.0297	236.3	-0.0084	0.0336
Mn2576	257.610	{1	Y_3600	ppm	0.0008	0.0001	7.468	0.0008	0.0009
Mn2576-2	257.610	{1	Y_3710	ppm	0.0018	0.0006	33.62	0.0022	0.0013
Mo2020	202.030	{4	Y_2243	ppm	0.0124	0.0124	99.63	0.0037	0.0212
Na5895	589.592	{ 5	Y_3710	ppm	0.0749	0.0038	5.022	0.0776	0.0722
Na8183	818.326	{ 4	Y_3710	ppm	0.2503	0.0639	25.51	0.2954	0.2051
Ni2316	231.604	{4	In2306	ppm	0.0084	0.0096	113.6	0.0017	0.0152
P_1782	178.284	{4	In2306	ppm	0.0043	0.0101	237.4	-0.0029	0.0114
Pb2203	220.353	{4	In2306	ppm	0.0091	0.0094	103.3	0.0025	0.0158
S_1820	182.034	{4	Y_2243	ppm	-6.946	0.6014	8.659	-6.521	-7.371
Sb2068	206.833	{4	Y_2243	ppm	0.0659	0.0333	50.62	0.0423	0.0895
Se1960	196.090	{4	Y_2243	ppm	0.0062	0.0068	109.4	0.0014	0.011
Si2516	251.611	{1	Y_3710	ppm	0.0306	0.0015	4.767	0.0296	0.0316
Sn1899	189.989	{4	In2306	ppm	0.0181	0.0098	54.4	0.0111	0.025
Sr4215	421.552	{ 8	Y_3710	ppm	0.0006	0.0001	15.09	0.0005	0.0006
Ti3349	334.904	{1	Y_3600	ppm	0.0031	0.0007	21.29	0.0036	0.0026
Tl1908	190.856	{4	In2306	ppm	0.0034	0.0041	123.8	0.0004	0.0063
V_2924	292.402	{1	Y_3600	ppm	0.0001	0.0001	84.58	0.0002	0.0001
Zn2062	206.200	{4	In2306	ppm	0.0114	0.01	87.31	0.0044	0.0185

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	226.94	3.4742	1.5309	224.48	229.39
In2306	230.606	{4	Cts/S	9516.5	47.152	0.49548	9483.1	9549.8
Y_2243	224.306	{4	Cts/S	13190	61.723	0.46794	13146	13234
Y_3600	360.073	{ 9	Cts/S	123080	2653.6	2.1559	121210	124960

Y_3710	371.030 { 9	Cts/S	12724	172.87	1.3586	12602	12847	

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Run Time=1/10/2012 10:47:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2375	0.0034	1.429	0.2399	0.2351
Al3082	308.215 {1	In2306	ppm	2.675	0.0852	3.187	2.735	2.615
As1890	189.042 {4	Y_2243	ppm	0.5723	0.0048	0.845	0.5758	0.5689
B_2496	249.678 {1	Y_3710	ppm	0.4823	0.0073	1.505	0.4875	0.4772
Ba4554	455.403 { 7	Y_3710	ppm	0.5043	0.009	1.788	0.5107	0.498
Be3130	313.042 {1	Y_3710	ppm	0.4927	0.008	1.617	0.4983	0.487
Ca3158	315.887 {1	In2306	ppm	13.69	0.2639	1.927	13.88	13.5
Ca3181	318.128 {1	In2306	ppm	12.74	0.2294	1.801	12.9	12.58
Cd2288	228.802 {4	Y_2243	ppm	0.5166	0.006	1.152	0.5208	0.5124
Co2286	228.616 {4	In2306	ppm	0.499	0.0047	0.9474	0.5024	0.4957
Cr2677	267.716 {1	Y_3600	ppm	0.5373	0.0011	0.2048	0.5365	0.538
Cu3247	324.754 {1	Y_3600	ppm	0.5734	0.0009	0.1499	0.574	0.5728
Fe2404	240.488 {1	In2306	ppm	2.624	0.0498	1.899	2.659	2.589
K_7664	766.490 { 4	Y_3710	ppm	13.02	0.2818	2.163	13.22	12.83
K_7698	769.896 { 4	Y_3710	ppm	13.4	0.3115	2.325	13.62	13.18
Li6707	670.784 { 5	Y_3710	ppm	0.5828	0.0138	2.362	0.5926	0.5731
Mg2790	279.079 {1	Y_3710	ppm	4.608	0.0457	0.9912	4.64	4.575
Mn2576	257.610 {1	Y_3600	ppm	0.4617	0.0031	0.6708	0.4639	0.4595
Mn2576-2	257.610 {1	Y_3710	ppm	0.4243	0.0086	2.029	0.4304	0.4182
Mo2020	202.030 {4	Y_2243	ppm	0.4919	0.0081	1.639	0.4976	0.4862
Na5895	589.592 { 5	Y_3710	ppm	13.71	0.3144	2.293	13.93	13.49
Na8183	818.326 { 4	Y_3710	ppm	13.1	0.1181	0.9011	13.19	13.02
Ni2316	231.604 {4	In2306	ppm	0.456	0.0034	0.7549	0.4584	0.4535
P_1782	178.284 {4	In2306	ppm	-0.0002	0.0005	224.1	0.0001	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.532	0.0025	0.4748	0.5338	0.5302
S_1820	182.034 {4	Y_2243	ppm	-145.1	1.492	1.028	-146.2	-144
Sb2068	206.833 {4	Y_2243	ppm	0.516	0.008	1.551	0.5217	0.5103
Se1960	196.090 {4	Y_2243	ppm	0.4928	0.0043	0.8739	0.4958	0.4897
Si2516	251.611 {1	Y_3710	ppm	0.7836	0.0146	1.863	0.794	0.7733
Sn1899	189.989 {4	In2306	ppm	0.4788	0.0045	0.9324	0.482	0.4757
Sr4215	421.552 { 8	Y_3710	ppm	0.2796	0.005	1.777	0.2832	0.2761
Ti3349	334.904 {1	Y_3600	ppm	0.4911	0.0028	0.5634	0.4931	0.4892
Tl1908	190.856 {4	In2306	ppm	0.4768	0.0066	1.376	0.4815	0.4722
V_2924	292.402 {1	Y_3600	ppm	0.4949	0.0027	0.5454	0.4968	0.493
Zn2062	206.200 {4	In2306	ppm	0.4933	0.0032	0.6398	0.4955	0.491

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	219.72	3.6786	1.6742	217.12	222.33
In2306	230.606 {4	Cts/S	8934.2	56.237	0.62946	8894.4	8973.9
Y_2243	224.306 {4	Cts/S	12886	112.74	0.87494	12806	12965

Y_3600	360.073 { 9	Cts/S	119720	422.62	0.353	119430	120020
Y_3710	371.030 { 9	Cts/S	12273	180.69	1.4723	12145	12400

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0001	1.918	0.0049	0.0048
Al3082	308.215 {1	In2306	ppm	0.0761	0.011	14.51	0.0839	0.0683
As1890	189.042 {4	Y_2243	ppm	0.0175	0.0094	53.53	0.0109	0.0241
B_2496	249.678 {1	Y_3710	ppm	0.0108	0.0014	13.18	0.0098	0.0118
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0003	3.066	0.0097	0.0102
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	1.737	0.0048	0.0047
Ca3158	315.887 {1	In2306	ppm	0.1066	0.0018	1.711	0.1053	0.1079
Ca3181	318.128 {1	In2306	ppm	0.1086	0.0122	11.2	0.1	0.1172
Cd2288	228.802 {4	Y_2243	ppm	0.0123	0.009	73.6	0.0059	0.0187
Co2286	228.616 {4	In2306	ppm	0.0168	0.0086	51.18	0.0107	0.0229
Cr2677	267.716 {1	Y_3600	ppm	0.0108	0.0002	2.229	0.0106	0.0109
Cu3247	324.754 {1	Y_3600	ppm	0.017	0.0004	2.232	0.0168	0.0173
Fe2404	240.488 {1	In2306	ppm	0.1002	0.0047	4.724	0.1036	0.0969
K_7664	766.490 { 4	Y_3710	ppm	0.6319	0.0234	3.71	0.6154	0.6485
K_7698	769.896 { 4	Y_3710	ppm	0.6872	0.036	5.243	0.7126	0.6617
Li6707	670.784 { 5	Y_3710	ppm	0.0108	0.0005	4.714	0.0111	0.0104
Mg2790	279.079 {1	Y_3710	ppm	0.1064	0.0068	6.434	0.1113	0.1016
Mn2576	257.610 {1	Y_3600	ppm	0.0096	0.0002	2.217	0.0095	0.0098
Mn2576-2	257.610 {1	Y_3710	ppm	0.0087	0.0007	7.934	0.0083	0.0092
Mo2020	202.030 {4	Y_2243	ppm	0.0186	0.0098	52.81	0.0117	0.0256
Na5895	589.592 { 5	Y_3710	ppm	0.6732	0.0125	1.854	0.682	0.6644
Na8183	818.326 { 4	Y_3710	ppm	0.7805	0.0329	4.217	0.8038	0.7572
Ni2316	231.604 {4	In2306	ppm	0.0156	0.0082	52.72	0.0098	0.0214
P_1782	178.284 {4	In2306	ppm	0.0069	0.001	14.35	0.0076	0.0062
Pb2203	220.353 {4	In2306	ppm	0.0173	0.0081	46.99	0.0116	0.0231
S_1820	182.034 {4	Y_2243	ppm	-3.041	2.168	71.28	-1.508	-4.574
Sb2068	206.833 {4	Y_2243	ppm	0.0249	0.0079	31.92	0.0192	0.0305
Se1960	196.090 {4	Y_2243	ppm	0.0167	0.0085	50.75	0.0107	0.0227
Si2516	251.611 {1	Y_3710	ppm	0.0111	0.0025	22.65	0.0093	0.0129
Sn1899	189.989 {4	In2306	ppm	0.0169	0.0091	54.01	0.0104	0.0233
Sr4215	421.552 { 8	Y_3710	ppm	0.0056	0.0002	3.268	0.0058	0.0055
Ti3349	334.904 {1	Y_3600	ppm	0.01	0.0004	3.828	0.0097	0.0103
Tl1908	190.856 {4	In2306	ppm	0.0166	0.0079	47.59	0.011	0.0222
V_2924	292.402 {1	Y_3600	ppm	0.0096	0.0003	3.523	0.0093	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0167	0.0084	50.64	0.0107	0.0226

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	222.75	2.2408	1.006	221.16	224.33
In2306	230.606 {4	Cts/S	9398	39.375	0.41897	9370.2	9425.8

Y_2243	224.306 {4	Cts/S	13046	89.984	0.68972	12983	13110
Y_3600	360.073 { 9	Cts/S	122730	2877	2.3441	124770	120700
Y_3710	371.030 { 9	Cts/S	12464	105.73	0.84824	12390	12539

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/10/2012 10:52:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	41.99	0.0002	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0104	0.0289	278.1	0.0101	-0.0309
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0006	39.81	0.0011	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0036	0.0019	51.79	0.0049	0.0023
Ba4554	455.403 { 7	Y_3710	ppm	-0.0003	0	3.489	-0.0003	-0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	226.7	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.0044	0.0001	3.404	0.0043	0.0045
Ca3181	318.128 {1	In2306	ppm	-0.0218	0.0691	317.8	-0.0706	0.0271
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0003	111.7	0.0001	0.0005
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	40.69	0.0003	0.0006
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0	16.62	-0.0001	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0044	0.0004	8.006	0.0042	0.0047
Fe2404	240.488 {1	In2306	ppm	-0.0039	0.0055	141.6	0	-0.0078
K_7664	766.490 { 4	Y_3710	ppm	-0.0097	0.001	9.984	-0.0104	-0.0091
K_7698	769.896 { 4	Y_3710	ppm	0.074	0.0297	40.15	0.053	0.095
Li6707	670.784 { 5	Y_3710	ppm	-0.0009	0.0003	29.22	-0.0007	-0.0011
Mg2790	279.079 {1	Y_3710	ppm	0.0201	0.0055	27.24	0.024	0.0162
Mn2576	257.610 {1	Y_3600	ppm	0	0	45.67	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0012	0.0003	22.67	0.0014	0.001
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0005	73.48	0.0003	0.0011
Na5895	589.592 { 5	Y_3710	ppm	0.0214	0.0007	3.065	0.0209	0.0219
Na8183	818.326 { 4	Y_3710	ppm	0.1974	0.191	96.76	0.0624	0.3325
Ni2316	231.604 {4	In2306	ppm	0.0008	0.0003	35.37	0.0006	0.001
P_1782	178.284 {4	In2306	ppm	-0.0019	0.0003	15.98	-0.0021	-0.0017
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	40.81	0.0005	0.0008
S_1820	182.034 {4	Y_2243	ppm	-0.9867	0.3231	32.74	-1.215	-0.7583
Sb2068	206.833 {4	Y_2243	ppm	0.0045	0.0006	12.62	0.0041	0.0049
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0016	176.4	-0.0002	0.002
Si2516	251.611 {1	Y_3710	ppm	-0.0006	0.0005	80.92	-0.0003	-0.001
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0005	166.9	-0.0001	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0	0	48.26	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0002	197.1	0	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0001	0	7.765	0.0001	0.0001
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0	22.56	-0.0002	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0003	138.8	0	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	225.37	0.00037	0.00016	225.37	225.37

In2306	230.606 {4	Cts/S	9595.8	101.26	1.0552	9524.2	9667.4	
Y_2243	224.306 {4	Cts/S	13226	164.04	1.2403	13110	13342	
Y_3600	360.073 { 9	Cts/S	123380	1462.3	1.1852	124410	122340	
Y_3710	371.030 { 9	Cts/S	12374	160.72	1.2988	12261	12488	

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0005	0.0001	23.99	-0.0006	-0.0004
Al3082	308.215 {1	In2306	ppm	-0.0004	0.0084	2360	-0.0063	0.0056
As1890	189.042 {4	Y_2243	ppm	0.0011	0.001	92.36	0.0018	0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0616	0.0005	0.744	0.0619	0.0613
Ba4554	455.403 { 7	Y_3710	ppm	0.0019	0	2.513	0.0019	0.002
Be3130	313.042 {1	Y_3710	ppm	0	0	214.4	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	9.79	0.0718	0.7337	9.841	9.74
Ca3181	318.128 {1	In2306	ppm	9.118	0.0466	0.5107	9.151	9.085
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	1493	0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	65.01	0.0001	0
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	108.4	0.0002	0
Cu3247	324.754 {1	Y_3600	ppm	0.0054	0	0.5999	0.0054	0.0054
Fe2404	240.488 {1	In2306	ppm	0.0001	0	19.57	0.0001	0.0001
K_7664	766.490 { 4	Y_3710	ppm	2.533	0.0111	0.4399	2.525	2.541
K_7698	769.896 { 4	Y_3710	ppm	2.698	0.0353	1.31	2.723	2.673
Li6707	670.784 { 5	Y_3710	ppm	0.0265	0.0001	0.2691	0.0264	0.0265
Mg2790	279.079 {1	Y_3710	ppm	13.89	0.1177	0.8477	13.97	13.8
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	20.87	-0.0001	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0009	0.0001	14.97	0.0009	0.0008
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0002	74.98	0.0001	0.0004
Na5895	589.592 { 5	Y_3710	ppm	32.97	0.2433	0.7379	32.8	33.14
Na8183	818.326 { 4	Y_3710	ppm	31.07	0.1258	0.4049	30.98	31.16
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0001	28.89	0.0003	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0019	0.0002	12.67	-0.0017	-0.0021
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0004	74	0.0009	0.0003
S_1820	182.034 {4	Y_2243	ppm	-2085	10.07	0.4828	-2078	-2092
Sb2068	206.833 {4	Y_2243	ppm	0.0037	0.0009	25.63	0.003	0.0044
Se1960	196.090 {4	Y_2243	ppm	0.0032	0.0005	17.14	0.0036	0.0028
Si2516	251.611 {1	Y_3710	ppm	0.1832	0.0048	2.622	0.1866	0.1798
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	108.2	0.0001	0
Sr4215	421.552 { 8	Y_3710	ppm	0.8629	0.0048	0.5521	0.8596	0.8663
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0.0001	57.51	-0.0002	-0.0001
Tl1908	190.856 {4	In2306	ppm	-0.0004	0.0003	66.27	-0.0006	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0039	0	0.2169	0.0039	0.0039
Zn2062	206.200 {4	In2306	ppm	0.0094	0	0.329	0.0094	0.0094

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	226.5	0.38441	0.16972	226.78	226.23
In2306	230.606 {4	Cts/S	8861.9	57.141	0.6448	8902.3	8821.5
Y_2243	224.306 {4	Cts/S	12728	102.75	0.80724	12801	12656
Y_3600	360.073 { 9	Cts/S	118520	13.694	0.01155	118510	118520
Y_3710	371.030 { 9	Cts/S	12171	46.303	0.38045	12204	12138

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	174.9	-0.0004	0
Al3082	308.215 {1	In2306	ppm	-0.0234	0.0188	80.2	-0.0101	-0.0367
As1890	189.042 {4	Y_2243	ppm	0.0005	0.0003	54.54	0.0007	0.0003
B_2496	249.678 {1	Y_3710	ppm	0.0595	0.0024	4.09	0.0613	0.0578
Ba4554	455.403 { 7	Y_3710	ppm	0.0022	0.0001	5.782	0.0023	0.0021
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	27.91	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	9.69	0.2701	2.787	9.499	9.88
Ca3181	318.128 {1	In2306	ppm	9.067	0.1795	1.98	8.94	9.194
Cd2288	228.802 {4	Y_2243	ppm	0	0	64.96	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	89.18	0.0003	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0	0.9921	0.0006	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0055	0.0001	1.626	0.0054	0.0055
Fe2404	240.488 {1	In2306	ppm	-0.0011	0.0062	544.3	0.0032	-0.0055
K_7664	766.490 { 4	Y_3710	ppm	2.653	0.0033	0.1241	2.65	2.655
K_7698	769.896 { 4	Y_3710	ppm	2.764	0.013	0.4721	2.773	2.755
Li6707	670.784 { 5	Y_3710	ppm	0.0278	0.0004	1.427	0.0275	0.0281
Mg2790	279.079 {1	Y_3710	ppm	13.98	0.0036	0.0261	13.97	13.98
Mn2576	257.610 {1	Y_3600	ppm	-0.0002	0	8.836	-0.0002	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0004	0	7.918	0.0004	0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	22.82	0.0004	0.0003
Na5895	589.592 { 5	Y_3710	ppm	43.14	0.3219	0.7461	42.91	43.37
Na8183	818.326 { 4	Y_3710	ppm	41.93	0.3804	0.9073	41.66	42.2
Ni2316	231.604 {4	In2306	ppm	0.0005	0.0001	24.51	0.0004	0.0006
P_1782	178.284 {4	In2306	ppm	-0.0032	0.0005	15.33	-0.0036	-0.0029
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0004	33.23	0.001	0.0016
S_1820	182.034 {4	Y_2243	ppm	-2055	32.75	1.594	-2078	-2032
Sb2068	206.833 {4	Y_2243	ppm	-0.0006	0.0004	72.4	-0.0009	-0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0031	0.0008	25.11	0.0026	0.0037
Si2516	251.611 {1	Y_3710	ppm	0.1713	0.0026	1.536	0.1732	0.1694
Sn1899	189.989 {4	In2306	ppm	0.0001	0	54.9	0	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.89	0.0072	0.8041	0.8849	0.8951
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0001	12.38	0.0007	0.0006
Tl1908	190.856 {4	In2306	ppm	-0.001	0.0011	114.1	-0.0002	-0.0017
V_2924	292.402 {1	Y_3600	ppm	0.0034	0.0002	7.117	0.0035	0.0032
Zn2062	206.200 {4	In2306	ppm	0.0034	0.0001	2.69	0.0034	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	228.76	6.3632	2.7815	233.26	224.26
In2306	230.606 {4	Cts/S	8734.4	108.36	1.2406	8657.8	8811
Y_2243	224.306 {4	Cts/S	12642	171.21	1.3544	12521	12763
Y_3600	360.073 { 9	Cts/S	120720	181.57	0.15041	120590	120850
Y_3710	371.030 { 9	Cts/S	12458	63.904	0.51295	12503	12413

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0004	567.5	0.0002	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0046	0.0073	160.1	0.0098	-0.0006
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0004	59.51	0.0009	0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0929	0.001	1.044	0.0923	0.0936
Ba4554	455.403 { 7	Y_3710	ppm	0.0017	0	2.34	0.0017	0.0017
Be3130	313.042 {1	Y_3710	ppm	0	0	8.726	0	0
Ca3158	315.887 {1	In2306	ppm	9.303	0.2348	2.524	9.137	9.469
Ca3181	318.128 {1	In2306	ppm	8.731	0.2588	2.964	8.548	8.914
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	90.61	0.0002	0
Co2286	228.616 {4	In2306	ppm	0.0002	0	23.35	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0001	11.06	0.0006	0.0007
Cu3247	324.754 {1	Y_3600	ppm	0.0051	0.0001	2.964	0.0049	0.0052
Fe2404	240.488 {1	In2306	ppm	0.0081	0.0204	252.7	0.0225	-0.0064
K_7664	766.490 { 4	Y_3710	ppm	2.593	0.0663	2.557	2.546	2.64
K_7698	769.896 { 4	Y_3710	ppm	2.758	0.1056	3.828	2.683	2.833
Li6707	670.784 { 5	Y_3710	ppm	0.0221	0.0012	5.524	0.0212	0.023
Mg2790	279.079 {1	Y_3710	ppm	14.24	0.1723	1.21	14.12	14.36
Mn2576	257.610 {1	Y_3600	ppm	-0.0002	0	6.052	-0.0002	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0005	0.0008	157.1	-0.0001	0.0011
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0002	83.72	0.0001	0.0003
Na5895	589.592 { 5	Y_3710	ppm	29.74	1.176	3.954	28.91	30.57
Na8183	818.326 { 4	Y_3710	ppm	28.35	0.6434	2.27	27.89	28.8
Ni2316	231.604 {4	In2306	ppm	0.0005	0	2.186	0.0005	0.0005
P_1782	178.284 {4	In2306	ppm	-0.0025	0.0004	14.76	-0.0027	-0.0022
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0003	36.26	0.0009	0.0005
S_1820	182.034 {4	Y_2243	ppm	-2047	9.768	0.4772	-2040	-2054
Sb2068	206.833 {4	Y_2243	ppm	0.0014	0.0003	18.94	0.0016	0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0022	0.0006	27.21	0.0018	0.0027
Si2516	251.611 {1	Y_3710	ppm	0.9185	0.0347	3.777	0.8939	0.943
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	126.7	-0.0003	0
Sr4215	421.552 { 8	Y_3710	ppm	0.8563	0.0149	1.737	0.8458	0.8668
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0002	133.3	0	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0005	92.19	0.001	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0036	0	1.244	0.0035	0.0036
Zn2062	206.200 {4	In2306	ppm	0.0048	0.0001	1.833	0.0047	0.0048

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	226.55	7.1623	3.1614	231.62	221.49
In2306	230.606 {4	Cts/S	8863.7	0.09582	0.00108	8863.6	8863.7
Y_2243	224.306 {4	Cts/S	12726	19.457	0.15289	12713	12740
Y_3600	360.073 { 9	Cts/S	119540	259.2	0.21683	119360	119720
Y_3710	371.030 { 9	Cts/S	12231	172.55	1.4108	12353	12109

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Custom ID3=
Run Time=1/10/2012 12:12:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2332	0.0026	1.098	0.2314	0.2351
Al3082	308.215 {1	In2306	ppm	2.617	0.0803	3.066	2.674	2.561
As1890	189.042 {4	Y_2243	ppm	0.5668	0.0091	1.612	0.5733	0.5604
B_2496	249.678 {1	Y_3710	ppm	0.4879	0.0014	0.2971	0.4889	0.4869
Ba4554	455.403 { 7	Y_3710	ppm	0.5028	0.0054	1.076	0.5066	0.4989
Be3130	313.042 {1	Y_3710	ppm	0.4931	0.0068	1.382	0.4979	0.4883
Ca3158	315.887 {1	In2306	ppm	13.37	0.1889	1.413	13.5	13.23
Ca3181	318.128 {1	In2306	ppm	12.39	0.3404	2.748	12.63	12.14
Cd2288	228.802 {4	Y_2243	ppm	0.5137	0.0039	0.7572	0.5164	0.5109
Co2286	228.616 {4	In2306	ppm	0.4969	0.0047	0.945	0.5003	0.4936
Cr2677	267.716 {1	Y_3600	ppm	0.531	0.0103	1.94	0.5238	0.5383
Cu3247	324.754 {1	Y_3600	ppm	0.5686	0.0037	0.6581	0.5659	0.5712
Fe2404	240.488 {1	In2306	ppm	2.562	0.0759	2.964	2.616	2.508
K_7664	766.490 { 4	Y_3710	ppm	12.96	0.3599	2.777	13.21	12.71
K_7698	769.896 { 4	Y_3710	ppm	13.32	0.1965	1.476	13.45	13.18
Li6707	670.784 { 5	Y_3710	ppm	0.5867	0.0173	2.945	0.5989	0.5745
Mg2790	279.079 {1	Y_3710	ppm	4.539	0.0471	1.037	4.572	4.505
Mn2576	257.610 {1	Y_3600	ppm	0.4553	0.0074	1.618	0.4501	0.4605
Mn2576-2	257.610 {1	Y_3710	ppm	0.4174	0.0078	1.859	0.4229	0.412
Mo2020	202.030 {4	Y_2243	ppm	0.4878	0.0072	1.471	0.4929	0.4828
Na5895	589.592 { 5	Y_3710	ppm	13.72	0.3505	2.554	13.97	13.48
Na8183	818.326 { 4	Y_3710	ppm	13.04	0.0513	0.3933	13.07	13
Ni2316	231.604 {4	In2306	ppm	0.4517	0.0045	1.001	0.4549	0.4485
P_1782	178.284 {4	In2306	ppm	-0.0012	0.0003	22.17	-0.001	-0.0014
Pb2203	220.353 {4	In2306	ppm	0.5316	0.0053	1.005	0.5354	0.5279
S_1820	182.034 {4	Y_2243	ppm	-144.8	0.6926	0.4783	-144.3	-145.3
Sb2068	206.833 {4	Y_2243	ppm	0.5077	0.0046	0.9137	0.511	0.5045
Se1960	196.090 {4	Y_2243	ppm	0.486	0.0028	0.5671	0.4879	0.484
Si2516	251.611 {1	Y_3710	ppm	0.7984	0.0106	1.332	0.7908	0.8059
Sn1899	189.989 {4	In2306	ppm	0.4725	0.0058	1.23	0.4766	0.4684
Sr4215	421.552 { 8	Y_3710	ppm	0.2812	0.0033	1.167	0.2835	0.2789
Ti3349	334.904 {1	Y_3600	ppm	0.484	0.0078	1.614	0.4785	0.4896
Tl1908	190.856 {4	In2306	ppm	0.4738	0.0036	0.7643	0.4764	0.4712
V_2924	292.402 {1	Y_3600	ppm	0.4909	0.0038	0.7648	0.4882	0.4935

Zn2062	206.200 {4	In2306	ppm	0.4927	0.0059	1.192	0.4968	0.4885

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	223.38	5.1932	2.3248	219.71	227.05
In2306	230.606 {4	Cts/S	8968.5	40.726	0.45411	8939.7	8997.3
Y_2243	224.306 {4	Cts/S	12931	45.368	0.35085	12899	12963
Y_3600	360.073 { 9	Cts/S	120230	1075.2	0.89434	120990	119470
Y_3710	371.030 { 9	Cts/S	12249	146.43	1.1954	12146	12353

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0006	12.86	0.0043	0.0052
Al3082	308.215 {1	In2306	ppm	0.0925	0.0255	27.6	0.1106	0.0745
As1890	189.042 {4	Y_2243	ppm	0.0135	0.0045	32.9	0.0104	0.0167
B_2496	249.678 {1	Y_3710	ppm	0.0104	0.0043	41.77	0.0073	0.0135
Ba4554	455.403 { 7	Y_3710	ppm	0.0093	0	0.3977	0.0093	0.0094
Be3130	313.042 {1	Y_3710	ppm	0.0046	0.0001	1.166	0.0047	0.0046
Ca3158	315.887 {1	In2306	ppm	0.1143	0.0085	7.419	0.1083	0.1203
Ca3181	318.128 {1	In2306	ppm	0.0406	0.0067	16.54	0.0358	0.0453
Cd2288	228.802 {4	Y_2243	ppm	0.0089	0.0048	53.93	0.0055	0.0123
Co2286	228.616 {4	In2306	ppm	0.0137	0.0049	36.18	0.0102	0.0171
Cr2677	267.716 {1	Y_3600	ppm	0.0107	0.0005	4.956	0.0103	0.0111
Cu3247	324.754 {1	Y_3600	ppm	0.0161	0.0006	3.653	0.0157	0.0165
Fe2404	240.488 {1	In2306	ppm	0.0964	0.0018	1.86	0.0977	0.0952
K_7664	766.490 { 4	Y_3710	ppm	0.5805	0.0137	2.352	0.5901	0.5708
K_7698	769.896 { 4	Y_3710	ppm	0.5964	0.1107	18.56	0.6746	0.5181
Li6707	670.784 { 5	Y_3710	ppm	0.0108	0.0004	3.45	0.0111	0.0106
Mg2790	279.079 {1	Y_3710	ppm	0.063	0.014	22.22	0.0729	0.0531
Mn2576	257.610 {1	Y_3600	ppm	0.0091	0.0005	5.609	0.0087	0.0094
Mn2576-2	257.610 {1	Y_3710	ppm	0.0092	0.0003	3.502	0.0095	0.009
Mo2020	202.030 {4	Y_2243	ppm	0.0151	0.0059	38.72	0.011	0.0193
Na5895	589.592 { 5	Y_3710	ppm	0.6373	0.0116	1.822	0.6291	0.6455
Na8183	818.326 { 4	Y_3710	ppm	0.7552	0.0162	2.143	0.7438	0.7667
Ni2316	231.604 {4	In2306	ppm	0.0128	0.0042	32.85	0.0098	0.0157
P_1782	178.284 {4	In2306	ppm	0.0067	0.0008	11.62	0.0073	0.0062
Pb2203	220.353 {4	In2306	ppm	0.0152	0.0049	32.25	0.0117	0.0187
S_1820	182.034 {4	Y_2243	ppm	-1.927	1.103	57.21	-1.148	-2.707
Sb2068	206.833 {4	Y_2243	ppm	0.0227	0.0064	28.21	0.0182	0.0272
Se1960	196.090 {4	Y_2243	ppm	0.0125	0.0032	25.56	0.0102	0.0148
Si2516	251.611 {1	Y_3710	ppm	0.0027	0.0064	238.9	-0.0018	0.0072
Sn1899	189.989 {4	In2306	ppm	0.0139	0.0054	39.11	0.01	0.0177
Sr4215	421.552 { 8	Y_3710	ppm	0.0054	0.0001	1.412	0.0053	0.0055
Ti3349	334.904 {1	Y_3600	ppm	0.0097	0.0005	5.437	0.0093	0.0101
Tl1908	190.856 {4	In2306	ppm	0.0141	0.0059	41.43	0.01	0.0183

V_2924	292.402 {1	Y_3600	ppm	0.0092	0.0002	2.708	0.009	0.0094
Zn2062	206.200 {4	In2306	ppm	0.0135	0.0047	34.76	0.0102	0.0169

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	228.75	2.8489	1.2454	230.77	226.74
In2306	230.606 {4	Cts/S	9445.4	64.701	0.68501	9491.1	9399.6
Y_2243	224.306 {4	Cts/S	13083	74.822	0.57191	13136	13030
Y_3600	360.073 { 9	Cts/S	126040	5581.3	4.4281	129990	122100
Y_3710	371.030 { 9	Cts/S	12629	46.225	0.36602	12662	12596

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	1460	0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0317	0.0254	80.29	-0.0497	-0.0137
As1890	189.042 {4	Y_2243	ppm	-0.0002	0	14.19	-0.0001	-0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0026	0.0046	174.9	0.0059	-0.0006
Ba4554	455.403 { 7	Y_3710	ppm	-0.0004	0.0002	69.83	-0.0005	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	2.902	0	0
Ca3158	315.887 {1	In2306	ppm	0.0054	0.002	37.04	0.004	0.0068
Ca3181	318.128 {1	In2306	ppm	-0.0414	0.0588	141.8	0.0001	-0.083
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	27.43	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	35.94	0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0001	49.33	-0.0001	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0048	0.0003	6.728	0.005	0.0045
Fe2404	240.488 {1	In2306	ppm	0.0027	0.0001	4.499	0.0027	0.0028
K_7664	766.490 { 4	Y_3710	ppm	-0.0187	0.0198	105.9	-0.0047	-0.0327
K_7698	769.896 { 4	Y_3710	ppm	0.109	0.0102	9.325	0.1018	0.1161
Li6707	670.784 { 5	Y_3710	ppm	-0.001	0.0001	7.311	-0.001	-0.0011
Mg2790	279.079 {1	Y_3710	ppm	0.0051	0.0031	61.27	0.0073	0.0029
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	300.2	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0008	0.0001	14.14	0.0007	0.0009
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	60.32	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0083	0.0039	47.34	0.0111	0.0055
Na8183	818.326 { 4	Y_3710	ppm	0.1837	0.0489	26.61	0.2182	0.1491
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0002	90.08	0.0003	0.0001
P_1782	178.284 {4	In2306	ppm	-0.0017	0.0007	43.05	-0.0022	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0014	265.8	-0.0005	0.0015
S_1820	182.034 {4	Y_2243	ppm	-0.386	0.0811	21	-0.3286	-0.4433
Sb2068	206.833 {4	Y_2243	ppm	0.0052	0.0025	47.98	0.0034	0.0069
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0005	58.77	0.0011	0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0033	0.0056	171.3	-0.0072	0.0007
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	155.6	0	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	139.1	0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0.0001	32.19	-0.0004	-0.0006

Tl1908	190.856 {4	In2306	ppm	0.0004	0.0017	481.8	0.0016	-0.0009
V_2924	292.402 {1	Y_3600	ppm	-0.0007	0.0002	35.25	-0.0005	-0.0008
Zn2062	206.200 {4	In2306	ppm	0.0001	0	39.44	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	228.84	7.0439	3.0781	233.82	223.86
In2306	230.606 {4	Cts/S	9539.2	0.12008	0.00126	9539.3	9539.1
Y_2243	224.306 {4	Cts/S	13161	30.897	0.23476	13139	13183
Y_3600	360.073 { 9	Cts/S	123940	670.61	0.54105	124420	123470
Y_3710	371.030 { 9	Cts/S	12388	237.01	1.9132	12556	12221

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	1707	0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	563.4	10.67	1.894	555.8	570.9
As1890	189.042 {4	Y_2243	ppm	0.0002	0.001	422.7	-0.0005	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0042	0.0077	181.8	-0.0012	0.0096
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	39.07	0.0002	0.0004
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	261.4	0	-0.0002
Ca3158	315.887 {1	In2306	ppm	542.3	15.36	2.833	531.5	553.2
Ca3181	318.128 {1	In2306	ppm	513.8	14.68	2.857	503.4	524.2
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	46.9	0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0002	206.8	-0.0003	0
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0004	18.63	0.0017	0.0023
Cu3247	324.754 {1	Y_3600	ppm	0.0079	0.0006	7.146	0.0075	0.0083
Fe2404	240.488 {1	In2306	ppm	202.9	5.123	2.524	199.3	206.6
K_7664	766.490 { 4	Y_3710	ppm	-0.0054	0.0142	263.3	-0.0155	0.0047
K_7698	769.896 { 4	Y_3710	ppm	-0.0478	0.0157	32.85	-0.0367	-0.0589
Li6707	670.784 { 5	Y_3710	ppm	0.0087	0.0009	10.06	0.0093	0.008
Mg2790	279.079 {1	Y_3710	ppm	555.5	3.311	0.596	553.2	557.9
Mn2576	257.610 {1	Y_3600	ppm	-0.0054	0	0.5474	-0.0054	-0.0054
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0065	0.0011	16.8	-0.0058	-0.0073
Mo2020	202.030 {4	Y_2243	ppm	-0.0017	0.0004	24.75	-0.0014	-0.002
Na5895	589.592 { 5	Y_3710	ppm	0.0306	0.0059	19.39	0.0264	0.0348
Na8183	818.326 { 4	Y_3710	ppm	0.8201	0.0106	1.287	0.8127	0.8276
Ni2316	231.604 {4	In2306	ppm	0.0024	0.0001	4.07	0.0025	0.0024
P_1782	178.284 {4	In2306	ppm	0.0017	0.0003	16.77	0.0019	0.0015
Pb2203	220.353 {4	In2306	ppm	-0.0201	0.0001	0.3463	-0.02	-0.0201
S_1820	182.034 {4	Y_2243	ppm	21.01	0.2536	1.207	20.83	21.19
Sb2068	206.833 {4	Y_2243	ppm	-0.0042	0.0006	13.7	-0.0046	-0.0038
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0009	88.54	0.0004	0.0016
Si2516	251.611 {1	Y_3710	ppm	0.0032	0.021	654.3	-0.0117	0.0181
Sn1899	189.989 {4	In2306	ppm	0.002	0.0002	12.4	0.0022	0.0018

Sr4215	421.552 { 8	Y_3710	ppm	0.0028	0.0001	2.94	0.0028	0.0027
Ti3349	334.904 {1	Y_3600	ppm	0.0029	0.0001	2.54	0.003	0.0029
Tl1908	190.856 {4	In2306	ppm	-0.0061	0.002	32.08	-0.0047	-0.0075
V_2924	292.402 {1	Y_3600	ppm	-0.0054	0	0.0138	-0.0054	-0.0054
Zn2062	206.200 {4	In2306	ppm	0.0044	0.0002	5.612	0.0042	0.0046

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	208.41	4.5547	2.1855	211.63	205.18
In2306	230.606 {4	Cts/S	6865.2	52.264	0.76128	6902.2	6828.3
Y_2243	224.306 {4	Cts/S	11439	80.499	0.70371	11496	11382
Y_3600	360.073 { 9	Cts/S	103770	401.99	0.38739	103480	104050
Y_3710	371.030 { 9	Cts/S	10506	3.9187	0.0373	10508	10503

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5101	0.0023	0.4469	0.5085	0.5117
Al3082	308.215 {1	In2306	ppm	558	5.248	0.9407	561.7	554.2
As1890	189.042 {4	Y_2243	ppm	1.14	0.0031	0.2746	1.142	1.137
B_2496	249.678 {1	Y_3710	ppm	1.063	0.0173	1.631	1.075	1.051
Ba4554	455.403 { 7	Y_3710	ppm	1.122	0.0204	1.82	1.136	1.107
Be3130	313.042 {1	Y_3710	ppm	0.5197	0.0033	0.6427	0.522	0.5173
Ca3158	315.887 {1	In2306	ppm	531.6	2.673	0.5028	529.7	533.5
Ca3181	318.128 {1	In2306	ppm	506.2	2.054	0.4059	504.7	507.6
Cd2288	228.802 {4	Y_2243	ppm	0.5387	0.002	0.3723	0.5401	0.5372
Co2286	228.616 {4	In2306	ppm	1.005	0.0028	0.2772	1.007	1.003
Cr2677	267.716 {1	Y_3600	ppm	0.9837	0.0001	0.0071	0.9838	0.9837
Cu3247	324.754 {1	Y_3600	ppm	1.178	0.0004	0.0356	1.179	1.178
Fe2404	240.488 {1	In2306	ppm	204.5	0.19	0.0929	204.4	204.6
K_7664	766.490 { 4	Y_3710	ppm	11.58	0.2781	2.401	11.78	11.39
K_7698	769.896 { 4	Y_3710	ppm	11.82	0.2817	2.384	12.02	11.62
Li6707	670.784 { 5	Y_3710	ppm	1.234	0.04	3.245	1.262	1.206
Mg2790	279.079 {1	Y_3710	ppm	552.8	0.6626	0.1199	553.3	552.4
Mn2576	257.610 {1	Y_3600	ppm	0.8415	0.0003	0.0409	0.8413	0.8418
Mn2576-2	257.610 {1	Y_3710	ppm	0.9105	0.0071	0.7754	0.9155	0.9055
Mo2020	202.030 {4	Y_2243	ppm	0.903	0.0029	0.3193	0.905	0.9009
Na5895	589.592 { 5	Y_3710	ppm	11.7	0.2964	2.532	11.91	11.49
Na8183	818.326 { 4	Y_3710	ppm	12.35	0.2602	2.107	12.53	12.16
Ni2316	231.604 {4	In2306	ppm	0.9194	0.0063	0.6847	0.9149	0.9238
P_1782	178.284 {4	In2306	ppm	1.201	0.0075	0.6284	1.206	1.195
Pb2203	220.353 {4	In2306	ppm	1.024	0.0066	0.6473	1.019	1.029
S_1820	182.034 {4	Y_2243	ppm	22.49	0.8867	3.942	23.12	21.87
Sb2068	206.833 {4	Y_2243	ppm	1.014	0.0026	0.2552	1.016	1.012
Se1960	196.090 {4	Y_2243	ppm	0.9828	0.0038	0.3843	0.9801	0.9855
Si2516	251.611 {1	Y_3710	ppm	0.8705	0.0026	0.2947	0.8687	0.8723

Sn1899	189.989 {4	In2306	ppm	0.9501	0.0082	0.8623	0.9558	0.9443
Sr4215	421.552 { 8	Y_3710	ppm	0.5947	0.0087	1.456	0.6008	0.5886
Ti3349	334.904 {1	Y_3600	ppm	0.9197	0.0031	0.3401	0.9175	0.9219
Tl1908	190.856 {4	In2306	ppm	0.8876	0.0031	0.3523	0.8898	0.8854
V_2924	292.402 {1	Y_3600	ppm	0.9181	0.0013	0.1363	0.9172	0.919
Zn2062	206.200 {4	In2306	ppm	1.018	0.0022	0.2145	1.02	1.017

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	212.95	0.52232	0.24528	212.58	213.32
In2306	230.606 {4	Cts/S	6779	2.9716	0.04384	6776.9	6781.1
Y_2243	224.306 {4	Cts/S	11377	15.337	0.13481	11366	11388
Y_3600	360.073 { 9	Cts/S	105920	56.302	0.05315	105960	105880
Y_3710	371.030 { 9	Cts/S	10636	77.793	0.73144	10581	10691

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2557	0.0065	2.548	0.2511	0.2603
Al3082	308.215 {1	In2306	ppm	2.551	0.0447	1.754	2.582	2.519
As1890	189.042 {4	Y_2243	ppm	0.5544	0.0031	0.5509	0.5522	0.5566
B_2496	249.678 {1	Y_3710	ppm	0.4755	0.0135	2.841	0.4851	0.466
Ba4554	455.403 { 7	Y_3710	ppm	0.4866	0.0128	2.634	0.4957	0.4775
Be3130	313.042 {1	Y_3710	ppm	0.4833	0.0151	3.124	0.494	0.4727
Ca3158	315.887 {1	In2306	ppm	12.66	0.3504	2.768	12.91	12.41
Ca3181	318.128 {1	In2306	ppm	11.86	0.4503	3.797	12.18	11.54
Cd2288	228.802 {4	Y_2243	ppm	0.5108	0.0035	0.6895	0.5133	0.5083
Co2286	228.616 {4	In2306	ppm	0.4925	0.0022	0.4401	0.4941	0.491
Cr2677	267.716 {1	Y_3600	ppm	0.5854	0.017	2.897	0.5734	0.5974
Cu3247	324.754 {1	Y_3600	ppm	0.6219	0.0129	2.069	0.6128	0.6309
Fe2404	240.488 {1	In2306	ppm	2.435	0.0706	2.899	2.485	2.385
K_7664	766.490 { 4	Y_3710	ppm	12.74	0.3199	2.51	12.97	12.52
K_7698	769.896 { 4	Y_3710	ppm	13.01	0.361	2.774	13.27	12.76
Li6707	670.784 { 5	Y_3710	ppm	0.5697	0.0124	2.185	0.5785	0.5609
Mg2790	279.079 {1	Y_3710	ppm	4.458	0.1795	4.026	4.585	4.332
Mn2576	257.610 {1	Y_3600	ppm	0.5046	0.0161	3.201	0.4931	0.516
Mn2576-2	257.610 {1	Y_3710	ppm	0.4108	0.012	2.931	0.4193	0.4023
Mo2020	202.030 {4	Y_2243	ppm	0.4921	0.0045	0.9044	0.4952	0.4889
Na5895	589.592 { 5	Y_3710	ppm	13.41	0.3156	2.353	13.64	13.19
Na8183	818.326 { 4	Y_3710	ppm	12.85	0.3605	2.805	13.11	12.6
Ni2316	231.604 {4	In2306	ppm	0.453	0.0035	0.7809	0.4555	0.4505
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0014	279.6	-0.0015	0.0005
Pb2203	220.353 {4	In2306	ppm	0.5228	0.0001	0.0256	0.5229	0.5227
S_1820	182.034 {4	Y_2243	ppm	-139.7	0.539	0.3857	-140.1	-139.4
Sb2068	206.833 {4	Y_2243	ppm	0.5312	0.0079	1.487	0.5368	0.5256
Se1960	196.090 {4	Y_2243	ppm	0.4882	0.0038	0.7725	0.4909	0.4856

Si2516	251.611 {1	Y_3710	ppm	0.7579	0.0098	1.29	0.7648	0.751
Sn1899	189.989 {4	In2306	ppm	0.474	0.0026	0.5546	0.4758	0.4721
Sr4215	421.552 { 8	Y_3710	ppm	0.2704	0.0087	3.209	0.2765	0.2643
Ti3349	334.904 {1	Y_3600	ppm	0.5408	0.0148	2.737	0.5304	0.5513
Tl1908	190.856 {4	In2306	ppm	0.4786	0.0054	1.136	0.4824	0.4747
V_2924	292.402 {1	Y_3600	ppm	0.5456	0.0171	3.141	0.5335	0.5578
Zn2062	206.200 {4	In2306	ppm	0.488	0.0019	0.3796	0.4894	0.4867

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	230.74	4.6811	2.0287	227.43	234.05
In2306	230.606 {4	Cts/S	9063.5	44.624	0.49235	9031.9	9095
Y_2243	224.306 {4	Cts/S	13133	79.36	0.6043	13076	13189
Y_3600	360.073 { 9	Cts/S	112670	2443.7	2.1688	114400	110950
Y_3710	371.030 { 9	Cts/S	12445	301.86	2.4255	12232	12659

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Custom ID2=
Custom ID3=
Run Time=1/10/2012 12:27:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0004	226.2	0.0004	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0011	0.0181	1634	0.0117	-0.0139
As1890	189.042 {4	Y_2243	ppm	0.0008	0.0002	31.24	0.0006	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0037	0.0018	49.07	0.0049	0.0024
Ba4554	455.403 { 7	Y_3710	ppm	-0.0004	0.0004	92	-0.0001	-0.0007
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	64.09	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0015	0.0005	36.69	0.0019	0.0011
Ca3181	318.128 {1	In2306	ppm	-0.0465	0.0271	58.35	-0.0273	-0.0657
Cd2288	228.802 {4	Y_2243	ppm	0.0009	0.0013	143.4	0	0.0018
Co2286	228.616 {4	In2306	ppm	0.0011	0.0014	131.5	0.0001	0.002
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	917.6	0.0003	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0043	0.0005	11.89	0.004	0.0047
Fe2404	240.488 {1	In2306	ppm	0.0084	0.0027	31.91	0.0065	0.0103
K_7664	766.490 { 4	Y_3710	ppm	0.0088	0.0172	196.1	-0.0034	0.0209
K_7698	769.896 { 4	Y_3710	ppm	0.1669	0.0065	3.866	0.1715	0.1624
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0002	58.49	-0.0004	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0009	0.0331	3544	-0.0225	0.0244
Mn2576	257.610 {1	Y_3600	ppm	0	0	439.6	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0008	0.0001	8.479	0.0007	0.0008
Mo2020	202.030 {4	Y_2243	ppm	0.0023	0.0018	80.48	0.001	0.0036
Na5895	589.592 { 5	Y_3710	ppm	0.0029	0.0037	128.4	0.0055	0.0003
Na8183	818.326 { 4	Y_3710	ppm	0.219	0.0975	44.51	0.1501	0.2879
Ni2316	231.604 {4	In2306	ppm	0.0011	0.0015	135	0	0.0021
P_1782	178.284 {4	In2306	ppm	-0.0022	0.0001	2.631	-0.0021	-0.0022
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0021	311.5	-0.0008	0.0022
S_1820	182.034 {4	Y_2243	ppm	-0.4128	0.5411	131.1	-0.0302	-0.7954
Sb2068	206.833 {4	Y_2243	ppm	0.0134	0.0004	2.86	0.0131	0.0136

Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0025	510.3	-0.0013	0.0022
Si2516	251.611 {1	Y_3710	ppm	-0.0003	0.0062	1792	0.0041	-0.0047
Sn1899	189.989 {4	In2306	ppm	0.002	0.0019	92.74	0.0007	0.0033
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	42.44	0.0001	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0001	10.95	0.0007	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0021	0.0004	20.53	0.0018	0.0024
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0006	244	-0.0007	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0009	0.0012	128.5	0.0001	0.0018

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	220.58	4.8266	2.1881	217.17	223.99
In2306	230.606 {4	Cts/S	9459.2	123.22	1.3026	9546.3	9372.1
Y_2243	224.306 {4	Cts/S	13057	171.44	1.3131	13178	12935
Y_3600	360.073 { 9	Cts/S	125970	1521.7	1.208	124900	127050
Y_3710	371.030 { 9	Cts/S	12208	90.151	0.73849	12144	12271

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	291.2	-0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0133	0.0053	39.46	-0.017	-0.0096
As1890	189.042 {4	Y_2243	ppm	0.001	0.0004	36.7	0.0008	0.0013
B_2496	249.678 {1	Y_3710	ppm	-0.0004	0.0003	70.42	-0.0005	-0.0002
Ba4554	455.403 { 7	Y_3710	ppm	-0.0004	0	6	-0.0004	-0.0004
Be3130	313.042 {1	Y_3710	ppm	0	0	37.26	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0058	0.0036	63.08	-0.0032	-0.0084
Ca3181	318.128 {1	In2306	ppm	-0.0312	0.0275	88.29	-0.0117	-0.0506
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	44.58	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0	0.4643	0.0004	0.0004
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0006	135.5	0	-0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0047	0	0.8258	0.0047	0.0047
Fe2404	240.488 {1	In2306	ppm	-0.0033	0.0075	229.3	0.002	-0.0086
K_7664	766.490 { 4	Y_3710	ppm	0.0059	0.0079	133.8	0.0003	0.0114
K_7698	769.896 { 4	Y_3710	ppm	-0.3388	0.0207	6.123	-0.3242	-0.3535
Li6707	670.784 { 5	Y_3710	ppm	-0.0009	0.0001	15.56	-0.0008	-0.001
Mg2790	279.079 {1	Y_3710	ppm	-0.0081	0.0174	214	0.0042	-0.0204
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	7.155	-0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0006	0.0001	13.02	0.0006	0.0007
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0	15.35	-0.0002	-0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0013	0.0018	137.9	0.0026	0
Na8183	818.326 { 4	Y_3710	ppm	0.2509	0.0781	31.15	0.1956	0.3062
Ni2316	231.604 {4	In2306	ppm	0	0.0003	597.8	-0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0031	0	1.134	-0.0031	-0.0031
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0006	65.1	0.0005	0.0013
S_1820	182.034 {4	Y_2243	ppm	-0.0299	0.0792	265.1	0.0261	-0.0859

Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.0005	26.18	0.0022	0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0002	13.69	0.0014	0.0017
Si2516	251.611 {1	Y_3710	ppm	-0.0115	0.0029	25.47	-0.0136	-0.0094
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0001	27.38	-0.0005	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	91.15	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0.0002	31.36	-0.0006	-0.0004
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0009	111.3	0.0014	0.0002
V_2924	292.402 {1	Y_3600	ppm	-0.0009	0.0002	21.36	-0.0007	-0.001
Zn2062	206.200 {4	In2306	ppm	-0.0002	0.0001	34.96	-0.0003	-0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	241.99	3.8192	1.5783	244.69	239.29
In2306	230.606 {4	Cts/S	9795	52.778	0.53883	9757.7	9832.3
Y_2243	224.306 {4	Cts/S	13350	109.54	0.82057	13272	13427
Y_3600	360.073 { 9	Cts/S	125060	1186.1	0.94845	125900	124220
Y_3710	371.030 { 9	Cts/S	12901	63.787	0.49445	12946	12856

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Custom ID1=
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Custom ID3=
Run Time=1/10/2012 12:33:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	155.3	0	-0.0004
Al3082	308.215 {1	In2306	ppm	-0.0393	0.0047	12.09	-0.0359	-0.0426
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0003	34.79	-0.001	-0.0006
B_2496	249.678 {1	Y_3710	ppm	-0.0022	0.0048	218.3	0.0012	-0.0056
Ba4554	455.403 { 7	Y_3710	ppm	-0.0002	0	8.986	-0.0002	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	272.9	0	0
Ca3158	315.887 {1	In2306	ppm	0.0075	0.0032	43.16	0.0052	0.0097
Ca3181	318.128 {1	In2306	ppm	-0.0788	0.0109	13.83	-0.0865	-0.0711
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	15.57	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0	13.89	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0001	19.17	-0.0005	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0043	0.0007	16.75	0.0048	0.0038
Fe2404	240.488 {1	In2306	ppm	0.0007	0.0067	982	-0.004	0.0054
K_7664	766.490 { 4	Y_3710	ppm	-0.0045	0.0013	27.69	-0.0036	-0.0054
K_7698	769.896 { 4	Y_3710	ppm	-0.3587	0.002	0.5682	-0.3573	-0.3602
Li6707	670.784 { 5	Y_3710	ppm	-0.001	0.0006	60.59	-0.0006	-0.0014
Mg2790	279.079 {1	Y_3710	ppm	0.0247	0.0105	42.49	0.0321	0.0173
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	2.596	-0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0005	0.0004	76.85	0.0008	0.0002
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0.0001	44.44	-0.0002	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0044	0.0008	18.16	0.005	0.0038
Na8183	818.326 { 4	Y_3710	ppm	0.2482	0.1301	52.42	0.3402	0.1562
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	252.9	-0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.0041	0.0007	16.84	-0.0046	-0.0036
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0001	8.1	0.0008	0.0007

S_1820	182.034 {4	Y_2243	ppm	0.0159	0.2448	1536	0.189	-0.1571
Sb2068	206.833 {4	Y_2243	ppm	-0.0006	0.001	164	0.0001	-0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0001	8.803	0.0006	0.0006
Si2516	251.611 {1	Y_3710	ppm	0.0009	0.0028	303.5	0.0029	-0.0011
Sn1899	189.989 {4	In2306	ppm	-0.0008	0.0001	14.62	-0.0007	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0	0	509.2	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	186.4	0	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0002	13.54	0.0011	0.0014
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0001	20.84	-0.0006	-0.0005
Zn2062	206.200 {4	In2306	ppm	-0.0003	0	5.386	-0.0003	-0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	242.72	8.2731	3.4085	248.57	236.87
In2306	230.606 {4	Cts/S	9723.6	126.35	1.2994	9634.3	9813
Y_2243	224.306 {4	Cts/S	13259	196.81	1.4843	13120	13398
Y_3600	360.073 { 9	Cts/S	124250	1880.9	1.5138	125580	122920
Y_3710	371.030 { 9	Cts/S	13084	310.53	2.3734	13303	12864

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	84.18	-0.0001	-0.0003
Al3082	308.215	{1 In2306	ppm	0.0233	0.0095	40.77	0.0301	0.0166
As1890	189.042	{4 Y_2243	ppm	0.0012	0.0009	73.51	0.0018	0.0006
B_2496	249.678	{1 Y_3710	ppm	0.0019	0.0015	80.75	0.003	0.0008
Ba4554	455.403	{ 7 Y_3710	ppm	0.0001	0	2.833	0.0001	0.0001
Be3130	313.042	{1 Y_3710	ppm	0	0	118	0	0
Ca3158	315.887	{1 In2306	ppm	-0.0014	0.0042	292.3	-0.0044	0.0015
Ca3181	318.128	{1 In2306	ppm	-0.0045	0.0483	1083	0.0297	-0.0386
Cd2288	228.802	{4 Y_2243	ppm	-0.0002	0.0001	32.75	-0.0002	-0.0002
Co2286	228.616	{4 In2306	ppm	0	0.0001	205.6	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	0.0002	0.0004	153	0	0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0003	326.8	0.0003	-0.0001
Fe2404	240.488	{1 In2306	ppm	0.0001	0.0008	1335	-0.0005	0.0006
K_7664	766.490	{ 4 Y_3710	ppm	-0.0324	0.0229	70.72	-0.0162	-0.0486
K_7698	769.896	{ 4 Y_3710	ppm	-0.026	0.0284	109.4	-0.0461	-0.0059
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0001	78.9	-0.0001	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0012	0.0184	1495	-0.0143	0.0118
Mn2576	257.610	{1 Y_3600	ppm	0	0.0001	129.3	0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0003	0.0003	101.2	0.0001	0.0006
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0001	87.2	0	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.002	0.0021	105.2	0.0034	0.0005
Na8183	818.326	{ 4 Y_3710	ppm	0.1518	0.2084	137.3	0.2992	0.0045
Ni2316	231.604	{4 In2306	ppm	-0.0002	0	8.987	-0.0002	-0.0002
P_1782	178.284	{4 In2306	ppm	-0.0012	0.0008	65.84	-0.0018	-0.0006
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0006	89.9	0.0011	0.0002
S_1820	182.034	{4 Y_2243	ppm	-1.168	0.0124	1.063	-1.177	-1.16
Sb2068	206.833	{4 Y_2243	ppm	0.0031	0.0003	8.518	0.0033	0.0029
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.0003	63.92	-0.0003	-0.0007
Si2516	251.611	{1 Y_3710	ppm	-0.0009	0.0071	778.8	-0.0059	0.0041
Sn1899	189.989	{4 In2306	ppm	0.0004	0.0004	93.11	0.0001	0.0006
Sr4215	421.552	{ 8 Y_3710	ppm	0	0	269.1	0	0
Ti3349	334.904	{1 Y_3600	ppm	-0.0012	0.0004	33.92	-0.0009	-0.0015
Tl1908	190.856	{4 In2306	ppm	-0.0014	0.0008	54.62	-0.0009	-0.002
V_2924	292.402	{1 Y_3600	ppm	-0.0011	0.0001	13.3	-0.001	-0.0012
Zn2062	206.200	{4 In2306	ppm	0.0004	0.0001	11.63	0.0005	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	188.95	1.1059	0.58526	188.17	189.74
In2306	230.606	{4 Cts/S	10634	170.08	1.5994	10514	10754
Y_2243	224.306	{4 Cts/S	13274	228.19	1.7191	13113	13435
Y_3600	360.073	{ 9 Cts/S	105330	221.36	0.21017	105480	105170
Y_3710	371.030	{ 9 Cts/S	12909	24.259	0.18792	12892	12926

[Sample Header]
Method=ICP6500Metals_TRY3(v611)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 13:47:24
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	945.9	0	0
Al3082	308.215	{1 In2306	ppm	0.0353	0.0384	108.7	0.0082	0.0625
As1890	189.042	{4 Y_2243	ppm	-0.0001	0.0005	322.1	0.0002	-0.0005
B_2496	249.678	{1 Y_3710	ppm	0.0048	0.0012	24.88	0.0056	0.0039
Ba4554	455.403	{ 7 Y_3710	ppm	0.0002	0.0002	103.3	0.0001	0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	2029	0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.0008	0.0057	686.9	-0.0032	0.0049
Ca3181	318.128	{1 In2306	ppm	-0.0176	0.067	380.2	-0.065	0.0297
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	29.17	-0.0001	-0.0002
Co2286	228.616	{4 In2306	ppm	0	0	77.42	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	0.0002	0	18.7	0.0002	0.0002
Cu3247	324.754	{1 Y_3600	ppm	-0.0005	0.0002	47.53	-0.0006	-0.0003
Fe2404	240.488	{1 In2306	ppm	-0.0042	0.0055	129.5	-0.0004	-0.0081
K_7664	766.490	{ 4 Y_3710	ppm	0.0016	0.0151	922.4	-0.0091	0.0123
K_7698	769.896	{ 4 Y_3710	ppm	0.0079	0.0679	854.6	-0.0401	0.056
Li6707	670.784	{ 5 Y_3710	ppm	-0.0002	0.0002	115.7	0	-0.0003
Mg2790	279.079	{1 Y_3710	ppm	0.0256	0.014	54.61	0.0157	0.0355
Mn2576	257.610	{1 Y_3600	ppm	0	0.0001	170.6	0	-0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0002	0.0001	87.93	0.0001	0.0003
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0001	154.5	0	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0065	0.0032	49.11	0.0042	0.0087
Na8183	818.326	{ 4 Y_3710	ppm	0.3147	0.0774	24.58	0.3694	0.26
Ni2316	231.604	{4 In2306	ppm	-0.0004	0.0002	50.57	-0.0003	-0.0006
P_1782	178.284	{4 In2306	ppm	-0.0016	0	0.4376	-0.0016	-0.0016
Pb2203	220.353	{4 In2306	ppm	-0.0002	0.0004	216.2	0.0001	-0.0005
S_1820	182.034	{4 Y_2243	ppm	-0.7636	0.4621	60.52	-0.4369	-1.09
Sb2068	206.833	{4 Y_2243	ppm	0.0018	0.0008	42.22	0.0023	0.0013
Se1960	196.090	{4 Y_2243	ppm	-0.0004	0.0008	203.7	-0.001	0.0002
Si2516	251.611	{1 Y_3710	ppm	-0.0044	0.0007	15.55	-0.0039	-0.0048
Sn1899	189.989	{4 In2306	ppm	0.0005	0.0001	17.57	0.0006	0.0005
Sr4215	421.552	{ 8 Y_3710	ppm	0.0001	0	1.945	0.0001	0.0001
Ti3349	334.904	{1 Y_3600	ppm	-0.0006	0.0001	10.91	-0.0007	-0.0006
Tl1908	190.856	{4 In2306	ppm	0.0001	0.0003	248.2	0.0003	-0.0001
V_2924	292.402	{1 Y_3600	ppm	-0.001	0.0003	27.21	-0.0008	-0.0012
Zn2062	206.200	{4 In2306	ppm	0.0006	0	2.088	0.0007	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	188.71	9.971	5.2837	195.76	181.66
In2306	230.606	{4 Cts/S	10706	34.067	0.3182	10682	10730
Y_2243	224.306	{4 Cts/S	13424	63.717	0.47466	13378	13469
Y_3600	360.073	{ 9 Cts/S	104230	17.785	0.01706	104250	104220
Y_3710	371.030	{ 9 Cts/S	12723	706.2	5.5505	13223	12224

[Sample Header]
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SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 13:50:43
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0	0	536.4	0	0
Al3082	308.215	{1 In2306	Cts/S	0.0699	0.0069	9.803	0.0651	0.0748
As1890	189.042	{4 Y_2243	Cts/S	0	0	128.4	0	0.0001
B_2496	249.678	{1 Y_3710	Cts/S	0.0001	0	56.76	0	0.0001
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.0047	0.0005	10.36	0.0043	0.005
Be3130	313.042	{1 Y_3710	Cts/S	-0.0004	0	7.514	-0.0004	-0.0005
Ca3158	315.887	{1 In2306	Cts/S	-0.0362	0.0002	0.508	-0.0361	-0.0364
Ca3181	318.128	{1 In2306	Cts/S	-0.0091	0.0111	121.9	-0.0169	-0.0013
Cd2288	228.802	{4 Y_2243	Cts/S	0.0004	0.0002	41.03	0.0005	0.0003
Co2286	228.616	{4 In2306	Cts/S	-0.0001	0	10.19	-0.0001	-0.0002
Cr2677	267.716	{1 Y_3600	Cts/S	0	0	6.558	0	0
Cu3247	324.754	{1 Y_3600	Cts/S	0.0012	0	0.4639	0.0012	0.0012
Fe2404	240.488	{1 In2306	Cts/S	0.0119	0.005	42.11	0.0154	0.0083
K_7664	766.490	{ 4 Y_3710	Cts/S	-0.0003	0.001	292	-0.001	0.0004
K_7698	769.896	{ 4 Y_3710	Cts/S	0.0182	0.0011	6.104	0.0174	0.019
Li6707	670.784	{ 5 Y_3710	Cts/S	0.002	0.0014	71.71	0.001	0.003
Mg2790	279.079	{1 Y_3710	Cts/S	-0.0001	0.0001	133.3	-0.0002	0
Mn2576	257.610	{1 Y_3600	Cts/S	0.0001	0	0.3046	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	Cts/S	0	0.0001	165.9	0.0001	0
Mo2020	202.030	{4 Y_2243	Cts/S	0.0001	0	41.82	0.0002	0.0001
Na5895	589.592	{ 5 Y_3710	Cts/S	0.0036	0.001	26.76	0.0029	0.0043
Na8183	818.326	{ 4 Y_3710	Cts/S	-0.0072	0.0011	15.01	-0.0064	-0.008
Ni2316	231.604	{4 In2306	Cts/S	0	0	3.563	0	0
P_1782	178.284	{4 In2306	Cts/S	0.0002	0	13.34	0.0002	0.0002
Pb2203	220.353	{4 In2306	Cts/S	-0.0002	0.0001	34.14	-0.0002	-0.0003
S_1820	182.034	{4 Y_2243	Cts/S	-0.0004	0.0001	14.94	-0.0004	-0.0005
Sb2068	206.833	{4 Y_2243	Cts/S	0	0	415.9	0	0
Se1960	196.090	{4 Y_2243	Cts/S	0	0	115.3	0	0
Si2516	251.611	{1 Y_3710	Cts/S	0.0003	0.0003	99.44	0.0005	0.0001
Sn1899	189.989	{4 In2306	Cts/S	0.0001	0	24.62	0.0001	0.0001
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.0002	0.0004	221.8	-0.0001	0.0005
Ti3349	334.904	{1 Y_3600	Cts/S	-0.0001	0	13.12	-0.0001	-0.0001
Tl1908	190.856	{4 In2306	Cts/S	0	0	32.03	0	0
V_2924	292.402	{1 Y_3600	Cts/S	-0.0003	0	5.501	-0.0003	-0.0003
Zn2062	206.200	{4 In2306	Cts/S	0.0007	0	1.9	0.0007	0.0007

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	185.49	14.272	7.6944	195.58	175.4
In2306	230.606	{4 Cts/S	10667	1.125	0.01055	10667	10668
Y_2243	224.306	{4 Cts/S	13389	12.653	0.0945	13398	13380
Y_3600	360.073	{ 9 Cts/S	105050	414.51	0.39458	104760	105340
Y_3710	371.030	{ 9 Cts/S	12292	1000.3	8.1376	13000	11585

[Sample Header]
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SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 13:53:22
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	Cts/S	0.0075	0	0.2318	0.0075	0.0075
Al3082	308.215	{1	In2306	Cts/S	0.5223	0.0031	0.5944	0.5201	0.5245
As1890	189.042	{4	Y_2243	Cts/S	0.0075	0	0.1914	0.0075	0.0075
B_2496	249.678	{1	Y_3710	Cts/S	0.004	0	0.2665	0.0039	0.004
Ba4554	455.403	{ 7	Y_3710	Cts/S	0.3748	0.0059	1.565	0.3789	0.3706
Be3130	313.042	{1	Y_3710	Cts/S	0.196	0.0022	1.114	0.1975	0.1944
Ca3158	315.887	{1	In2306	Cts/S	1.524	0.0418	2.744	1.554	1.495
Ca3181	318.128	{1	In2306	Cts/S	0.3376	0.0004	0.1054	0.3374	0.3379
Cd2288	228.802	{4	Y_2243	Cts/S	0.0553	0.0002	0.3961	0.0554	0.0551
Co2286	228.616	{4	In2306	Cts/S	0.09	0.0003	0.2947	0.0901	0.0898
Cr2677	267.716	{1	Y_3600	Cts/S	0.0115	0.0001	0.9015	0.0116	0.0115
Cu3247	324.754	{1	Y_3600	Cts/S	0.0251	0.0002	0.8059	0.0252	0.0249
Fe2404	240.488	{1	In2306	Cts/S	1.447	0.0242	1.672	1.464	1.43
K_7664	766.490	{ 4	Y_3710	Cts/S	0.0769	0.0014	1.879	0.0779	0.0759
K_7698	769.896	{ 4	Y_3710	Cts/S	0.0506	0.0003	0.6847	0.0509	0.0504
Li6707	670.784	{ 5	Y_3710	Cts/S	0.3068	0.0033	1.087	0.3091	0.3044
Mg2790	279.079	{1	Y_3710	Cts/S	0.0059	0.0001	0.9014	0.0059	0.0059
Mn2576	257.610	{1	Y_3600	Cts/S	0.0803	0.0003	0.3516	0.0805	0.0801
Mn2576-2	257.610	{1	Y_3710	Cts/S	0.0274	0.0004	1.361	0.0276	0.0271
Mo2020	202.030	{4	Y_2243	Cts/S	0.0399	0.0002	0.4241	0.04	0.0398
Na5895	589.592	{ 5	Y_3710	Cts/S	0.2711	0.0036	1.318	0.2736	0.2686
Na8183	818.326	{ 4	Y_3710	Cts/S	0.0038	0.0007	19.63	0.0032	0.0043
Ni2316	231.604	{4	In2306	Cts/S	0.0504	0	0.0166	0.0504	0.0503
P_1782	178.284	{4	In2306	Cts/S	0.007	0.0001	2.057	0.0071	0.0069
Pb2203	220.353	{4	In2306	Cts/S	0.0162	0.0002	0.9498	0.0161	0.0163
S_1820	182.034	{4	Y_2243	Cts/S	-0.0004	0	6.697	-0.0004	-0.0005
Sb2068	206.833	{4	Y_2243	Cts/S	0.006	0	0.7038	0.006	0.006
Se1960	196.090	{4	Y_2243	Cts/S	0.0049	0	0.7877	0.0049	0.0049
Si2516	251.611	{1	Y_3710	Cts/S	0.002	0.0003	16.94	0.0017	0.0022
Sn1899	189.989	{4	In2306	Cts/S	0.0229	0.0001	0.378	0.023	0.0229
Sr4215	421.552	{ 8	Y_3710	Cts/S	0.2436	0.0036	1.458	0.2462	0.2411
Ti3349	334.904	{1	Y_3600	Cts/S	0.0188	0.0002	0.8561	0.0189	0.0187
Tl1908	190.856	{4	In2306	Cts/S	0.0076	0	0.3701	0.0076	0.0076
V_2924	292.402	{1	Y_3600	Cts/S	0.0165	0.0001	0.3299	0.0165	0.0164
Zn2062	206.200	{4	In2306	Cts/S	0.1156	0.0001	0.0629	0.1156	0.1155

[Internal Standards]

Elem	WL		Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	192.54	1.7113	0.88882	191.33	193.75
In2306	230.606	{4	Cts/S	10562	30.139	0.28535	10541	10583
Y_2243	224.306	{4	Cts/S	13496	40.809	0.30237	13468	13525
Y_3600	360.073	{ 9	Cts/S	104680	217.66	0.20793	104520	104830
Y_3710	371.030	{ 9	Cts/S	12750	152.41	1.1954	12642	12858

[Sample Header]
Method=ICP6500Metals_TRY3(v611)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 13:55:55
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	Cts/S	0.015	0	0.1702	0.015	0.015
Al3082	308.215	{1	In2306	Cts/S	0.9543	0.0178	1.861	0.9418	0.9669
As1890	189.042	{4	Y_2243	Cts/S	0.0154	0	0.115	0.0154	0.0154
B_2496	249.678	{1	Y_3710	Cts/S	0.0076	0	0.1143	0.0076	0.0076
Ba4554	455.403	{ 7	Y_3710	Cts/S	0.7387	0.0013	0.1771	0.7396	0.7378
Be3130	313.042	{1	Y_3710	Cts/S	0.3849	0.0003	0.0667	0.3851	0.3847
Ca3158	315.887	{1	In2306	Cts/S	3.126	0.0175	0.5605	3.113	3.138
Ca3181	318.128	{1	In2306	Cts/S	0.6778	0.0008	0.1167	0.6784	0.6773
Cd2288	228.802	{4	Y_2243	Cts/S	0.1106	0.0002	0.1651	0.1107	0.1105
Co2286	228.616	{4	In2306	Cts/S	0.1822	0	0.0053	0.1822	0.1822
Cr2677	267.716	{1	Y_3600	Cts/S	0.0228	0	0.0095	0.0228	0.0228
Cu3247	324.754	{1	Y_3600	Cts/S	0.0493	0.0002	0.366	0.0494	0.0491
Fe2404	240.488	{1	In2306	Cts/S	2.902	0.0158	0.5433	2.891	2.914
K_7664	766.490	{ 4	Y_3710	Cts/S	0.1527	0.0018	1.207	0.1514	0.154
K_7698	769.896	{ 4	Y_3710	Cts/S	0.0817	0.0002	0.2986	0.0816	0.0819
Li6707	670.784	{ 5	Y_3710	Cts/S	0.6059	0.0064	1.048	0.6014	0.6104
Mg2790	279.079	{1	Y_3710	Cts/S	0.0116	0	0.1696	0.0116	0.0116
Mn2576	257.610	{1	Y_3600	Cts/S	0.1596	0.0006	0.4028	0.16	0.1591
Mn2576-2	257.610	{1	Y_3710	Cts/S	0.0538	0.0001	0.1903	0.0539	0.0537
Mo2020	202.030	{4	Y_2243	Cts/S	0.0803	0.0001	0.158	0.0804	0.0802
Na5895	589.592	{ 5	Y_3710	Cts/S	0.5316	0.0067	1.263	0.5269	0.5364
Na8183	818.326	{ 4	Y_3710	Cts/S	0.0171	0.0007	4.015	0.0175	0.0166
Ni2316	231.604	{4	In2306	Cts/S	0.1015	0.0001	0.1321	0.1014	0.1016
P_1782	178.284	{4	In2306	Cts/S	0.0141	0	0.1895	0.0141	0.0141
Pb2203	220.353	{4	In2306	Cts/S	0.0325	0.0001	0.2786	0.0325	0.0324
S_1820	182.034	{4	Y_2243	Cts/S	-0.0004	0	6.801	-0.0004	-0.0004
Sb2068	206.833	{4	Y_2243	Cts/S	0.0124	0	0.0922	0.0124	0.0124
Se1960	196.090	{4	Y_2243	Cts/S	0.0099	0	0.2672	0.0099	0.0099
Si2516	251.611	{1	Y_3710	Cts/S	0.0035	0.0001	3.313	0.0036	0.0035
Sn1899	189.989	{4	In2306	Cts/S	0.0463	0.0001	0.2962	0.0462	0.0464
Sr4215	421.552	{ 8	Y_3710	Cts/S	0.4817	0.0001	0.0269	0.4816	0.4818
Ti3349	334.904	{1	Y_3600	Cts/S	0.0371	0	0.0247	0.0371	0.0371
Tl1908	190.856	{4	In2306	Cts/S	0.0154	0	0.2246	0.0154	0.0154
V_2924	292.402	{1	Y_3600	Cts/S	0.0333	0.0002	0.4537	0.0334	0.0332
Zn2062	206.200	{4	In2306	Cts/S	0.2313	0.0012	0.5114	0.2305	0.2321

[Internal Standards]

Elem	WL		Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	192.13	1.078	0.56107	192.89	191.37
In2306	230.606	{4	Cts/S	10438	1.4155	0.01356	10439	10437
Y_2243	224.306	{4	Cts/S	13426	10.487	0.0781	13419	13434
Y_3600	360.073	{ 9	Cts/S	104460	80.208	0.07678	104520	104400
Y_3710	371.030	{ 9	Cts/S	12902	7.0399	0.05457	12897	12907

[Sample Header]
Method=ICP6500Metals_TRY3(v611)
SampleName=CalibStd-3
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 13:58:26
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	Cts/S	0.0297	0.0001	0.1809	0.0296	0.0297
Al3082	308.215	{1	In2306	Cts/S	1.861	0.0332	1.781	1.838	1.885
As1890	189.042	{4	Y_2243	Cts/S	0.031	0.0004	1.365	0.0307	0.0313
B_2496	249.678	{1	Y_3710	Cts/S	0.0151	0	0.139	0.0151	0.0152
Ba4554	455.403	{ 7	Y_3710	Cts/S	1.481	0.006	0.406	1.477	1.485
Be3130	313.042	{1	Y_3710	Cts/S	0.7764	0.0018	0.2365	0.7752	0.7777
Ca3158	315.887	{1	In2306	Cts/S	6.255	0.0661	1.057	6.301	6.208
Ca3181	318.128	{1	In2306	Cts/S	1.364	0.0122	0.8918	1.372	1.355
Cd2288	228.802	{4	Y_2243	Cts/S	0.2215	0.0034	1.554	0.2191	0.224
Co2286	228.616	{4	In2306	Cts/S	0.3699	0.0052	1.41	0.3662	0.3736
Cr2677	267.716	{1	Y_3600	Cts/S	0.0454	0.0001	0.1349	0.0454	0.0455
Cu3247	324.754	{1	Y_3600	Cts/S	0.0956	0.0002	0.2375	0.0954	0.0958
Fe2404	240.488	{1	In2306	Cts/S	5.8	0.0157	0.2699	5.811	5.789
K_7664	766.490	{ 4	Y_3710	Cts/S	0.3132	0.0029	0.9125	0.3112	0.3152
K_7698	769.896	{ 4	Y_3710	Cts/S	0.1474	0.0022	1.511	0.1458	0.149
Li6707	670.784	{ 5	Y_3710	Cts/S	1.222	0.0235	1.921	1.206	1.239
Mg2790	279.079	{1	Y_3710	Cts/S	0.0236	0.0001	0.2209	0.0236	0.0237
Mn2576	257.610	{1	Y_3600	Cts/S	0.3144	0.0005	0.1736	0.314	0.3148
Mn2576-2	257.610	{1	Y_3710	Cts/S	0.1075	0	0.044	0.1075	0.1075
Mo2020	202.030	{4	Y_2243	Cts/S	0.1599	0.0019	1.218	0.1585	0.1613
Na5895	589.592	{ 5	Y_3710	Cts/S	1.059	0.0149	1.41	1.049	1.07
Na8183	818.326	{ 4	Y_3710	Cts/S	0.0396	0.0004	0.9638	0.0393	0.0398
Ni2316	231.604	{4	In2306	Cts/S	0.2052	0.0026	1.259	0.2034	0.207
P_1782	178.284	{4	In2306	Cts/S	0.0285	0.0004	1.252	0.0283	0.0288
Pb2203	220.353	{4	In2306	Cts/S	0.0661	0.0007	0.9892	0.0656	0.0666
S_1820	182.034	{4	Y_2243	Cts/S	-0.0005	0	3.922	-0.0005	-0.0005
Sb2068	206.833	{4	Y_2243	Cts/S	0.0251	0.0003	1.031	0.0249	0.0253
Se1960	196.090	{4	Y_2243	Cts/S	0.0197	0.0002	1.026	0.0196	0.0198
Si2516	251.611	{1	Y_3710	Cts/S	0.0071	0.0002	3.292	0.0069	0.0073
Sn1899	189.989	{4	In2306	Cts/S	0.0943	0.0014	1.455	0.0933	0.0952
Sr4215	421.552	{ 8	Y_3710	Cts/S	0.9676	0.0048	0.4978	0.9642	0.971
Ti3349	334.904	{1	Y_3600	Cts/S	0.0749	0	0.0221	0.0749	0.0749
Tl1908	190.856	{4	In2306	Cts/S	0.0313	0.0005	1.49	0.031	0.0316
V_2924	292.402	{1	Y_3600	Cts/S	0.0664	0.0005	0.717	0.0661	0.0668
Zn2062	206.200	{4	In2306	Cts/S	0.4712	0.006	1.27	0.4669	0.4754

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	191.41	0.04336	0.02265	191.44	191.38
In2306	230.606	{4	Cts/S	10210	133.1	1.3037	10304	10115
Y_2243	224.306	{4	Cts/S	13388	177.98	1.3295	13514	13262
Y_3600	360.073	{ 9	Cts/S	103990	71.749	0.069	103940	104040
Y_3710	371.030	{ 9	Cts/S	12867	17.24	0.13398	12855	12879

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 14:00:54
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	Cts/S	0.0598	0.0002	0.3614	0.06	0.0597
Al3082	308.215	{1	In2306	Cts/S	3.729	0.0434	1.165	3.759	3.698
As1890	189.042	{4	Y_2243	Cts/S	0.0621	0.0001	0.0966	0.062	0.0621
B_2496	249.678	{1	Y_3710	Cts/S	0.0311	0.0001	0.2582	0.031	0.0311
Ba4554	455.403	{ 7	Y_3710	Cts/S	2.993	0.0008	0.0265	2.992	2.994
Be3130	313.042	{1	Y_3710	Cts/S	1.582	0.0034	0.2132	1.579	1.584
Ca3158	315.887	{1	In2306	Cts/S	12.7	0.133	1.047	12.8	12.61
Ca3181	318.128	{1	In2306	Cts/S	2.773	0.0164	0.5911	2.785	2.762
Cd2288	228.802	{4	Y_2243	Cts/S	0.4399	0.0009	0.2117	0.4406	0.4393
Co2286	228.616	{4	In2306	Cts/S	0.7421	0.0023	0.307	0.7405	0.7437
Cr2677	267.716	{1	Y_3600	Cts/S	0.0925	0.0004	0.4845	0.0922	0.0928
Cu3247	324.754	{1	Y_3600	Cts/S	0.1905	0.0019	0.9822	0.1918	0.1892
Fe2404	240.488	{1	In2306	Cts/S	11.75	0.0659	0.5615	11.79	11.7
K_7664	766.490	{ 4	Y_3710	Cts/S	0.6362	0.0039	0.616	0.639	0.6335
K_7698	769.896	{ 4	Y_3710	Cts/S	0.2812	0.0026	0.9364	0.283	0.2793
Li6707	670.784	{ 5	Y_3710	Cts/S	2.478	0.0196	0.79	2.492	2.464
Mg2790	279.079	{1	Y_3710	Cts/S	0.0489	0.0001	0.198	0.0488	0.0489
Mn2576	257.610	{1	Y_3600	Cts/S	0.6308	0.001	0.1599	0.6301	0.6316
Mn2576-2	257.610	{1	Y_3710	Cts/S	0.2181	0.0001	0.0629	0.218	0.2182
Mo2020	202.030	{4	Y_2243	Cts/S	0.3155	0.0011	0.3451	0.3162	0.3147
Na5895	589.592	{ 5	Y_3710	Cts/S	2.147	0.0173	0.8068	2.159	2.135
Na8183	818.326	{ 4	Y_3710	Cts/S	0.0879	0.0006	0.6325	0.0883	0.0875
Ni2316	231.604	{4	In2306	Cts/S	0.4102	0.0007	0.1787	0.4097	0.4107
P_1782	178.284	{4	In2306	Cts/S	0.0578	0.0001	0.2359	0.0577	0.0579
Pb2203	220.353	{4	In2306	Cts/S	0.1323	0.0005	0.3748	0.1319	0.1326
S_1820	182.034	{4	Y_2243	Cts/S	-0.0005	0	8.329	-0.0005	-0.0004
Sb2068	206.833	{4	Y_2243	Cts/S	0.0502	0.0002	0.3977	0.0503	0.0501
Se1960	196.090	{4	Y_2243	Cts/S	0.0394	0	0.119	0.0394	0.0394
Si2516	251.611	{1	Y_3710	Cts/S	0.0145	0.0005	3.229	0.0141	0.0148
Sn1899	189.989	{4	In2306	Cts/S	0.1902	0.0004	0.1907	0.1899	0.1905
Sr4215	421.552	{ 8	Y_3710	Cts/S	1.943	0.0006	0.0326	1.944	1.943
Ti3349	334.904	{1	Y_3600	Cts/S	0.1525	0.0002	0.1301	0.1524	0.1527
Tl1908	190.856	{4	In2306	Cts/S	0.0627	0.0001	0.0948	0.0626	0.0627
V_2924	292.402	{1	Y_3600	Cts/S	0.1348	0.0006	0.4575	0.1352	0.1343
Zn2062	206.200	{4	In2306	Cts/S	0.9492	0.0042	0.44	0.9462	0.9521

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	189.83	2.2322	1.1759	188.25	191.41
In2306	230.606	{4	Cts/S	10032	13.714	0.1367	10042	10022
Y_2243	224.306	{4	Cts/S	13413	27.784	0.20714	13394	13433
Y_3600	360.073	{ 9	Cts/S	101620	126.14	0.12414	101530	101710
Y_3710	371.030	{ 9	Cts/S	12663	3.9395	0.03111	12666	12660

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Custom ID3=
Run Time=1/12/2012 14:03:18
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	Cts/S	0.1184	0.0003	0.2856	0.1186	0.1182
Al3082	308.215	{1	In2306	Cts/S	7.217	0.0505	0.6991	7.182	7.253
As1890	189.042	{4	Y_2243	Cts/S	0.1235	0.0008	0.6233	0.124	0.123
B_2496	249.678	{1	Y_3710	Cts/S	0.0624	0.0003	0.408	0.0626	0.0622
Ba4554	455.403	{ 7	Y_3710	Cts/S	5.979	0.0106	0.1779	5.987	5.972
Be3130	313.042	{1	Y_3710	Cts/S	3.125	0.0087	0.2775	3.131	3.119
Ca3158	315.887	{1	In2306	Cts/S	24.33	0.1305	0.5362	24.24	24.43
Ca3181	318.128	{1	In2306	Cts/S	5.354	0.003	0.0559	5.356	5.352
Cd2288	228.802	{4	Y_2243	Cts/S	0.8696	0.0053	0.6147	0.8734	0.8658
Co2286	228.616	{4	In2306	Cts/S	1.476	0.0126	0.8505	1.485	1.467
Cr2677	267.716	{1	Y_3600	Cts/S	0.18	0.0005	0.2887	0.1796	0.1804
Cu3247	324.754	{1	Y_3600	Cts/S	0.3776	0.0011	0.2831	0.3783	0.3768
Fe2404	240.488	{1	In2306	Cts/S	22.55	0.0303	0.1345	22.57	22.53
K_7664	766.490	{ 4	Y_3710	Cts/S	1.268	0.0149	1.178	1.257	1.278
K_7698	769.896	{ 4	Y_3710	Cts/S	0.5491	0.0053	0.9588	0.5453	0.5528
Li6707	670.784	{ 5	Y_3710	Cts/S	4.989	0.0648	1.298	4.944	5.035
Mg2790	279.079	{1	Y_3710	Cts/S	0.0966	0.0002	0.2355	0.0968	0.0965
Mn2576	257.610	{1	Y_3600	Cts/S	1.229	0.0015	0.1193	1.23	1.228
Mn2576-2	257.610	{1	Y_3710	Cts/S	0.4279	0.001	0.244	0.4286	0.4271
Mo2020	202.030	{4	Y_2243	Cts/S	0.6165	0.0044	0.7187	0.6196	0.6133
Na5895	589.592	{ 5	Y_3710	Cts/S	4.28	0.0541	1.263	4.242	4.318
Na8183	818.326	{ 4	Y_3710	Cts/S	0.1797	0.0001	0.0697	0.1798	0.1797
Ni2316	231.604	{4	In2306	Cts/S	0.8124	0.0072	0.8891	0.8175	0.8073
P_1782	178.284	{4	In2306	Cts/S	0.1168	0.0009	0.7344	0.1175	0.1162
Pb2203	220.353	{4	In2306	Cts/S	0.2621	0.0021	0.7841	0.2636	0.2607
Sb2068	206.833	{4	Y_2243	Cts/S	0.0996	0.0005	0.4618	0.0999	0.0992
Se1960	196.090	{4	Y_2243	Cts/S	0.0781	0.0005	0.6404	0.0785	0.0778
Si2516	251.611	{1	Y_3710	Cts/S	0.0292	0.0009	3.22	0.0285	0.0298
Sn1899	189.989	{4	In2306	Cts/S	0.3777	0.0028	0.7388	0.3797	0.3757
Sr4215	421.552	{ 8	Y_3710	Cts/S	3.852	0.0076	0.1968	3.857	3.846
Ti3349	334.904	{1	Y_3600	Cts/S	0.2986	0.0012	0.4073	0.2977	0.2994
Tl1908	190.856	{4	In2306	Cts/S	0.1233	0.0011	0.8688	0.1241	0.1225
V_2924	292.402	{1	Y_3600	Cts/S	0.2661	0.0005	0.1884	0.2665	0.2658
Zn2062	206.200	{4	In2306	Cts/S	1.898	0.0173	0.911	1.91	1.885

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	193.31	0.80365	0.41573	193.88	192.74
In2306	230.606	{4	Cts/S	9750.1	41.184	0.42239	9721	9779.2
Y_2243	224.306	{4	Cts/S	13307	40.296	0.30283	13278	13335
Y_3600	360.073	{ 9	Cts/S	100680	176.69	0.17549	100800	100550
Y_3710	371.030	{ 9	Cts/S	12637	19.728	0.15611	12623	12651

[Sample Header]

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 14:05:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2471	0.0014	0.5537	0.248	0.2461
Al3082	308.215	{1 In2306	ppm	2.419	0.0287	1.186	2.44	2.399
As1890	189.042	{4 Y_2243	ppm	0.4941	0.0018	0.3656	0.4929	0.4954
B_2496	249.678	{1 Y_3710	ppm	0.4839	0.0003	0.0709	0.4841	0.4836
Ba4554	455.403	{ 7 Y_3710	ppm	0.4792	0.0018	0.3659	0.4779	0.4804
Be3130	313.042	{1 Y_3710	ppm	0.4933	0.0005	0.1083	0.493	0.4937
Ca3158	315.887	{1 In2306	ppm	12.3	0.1871	1.521	12.43	12.16
Ca3181	318.128	{1 In2306	ppm	12.28	0.2593	2.112	12.46	12.09
Cd2288	228.802	{4 Y_2243	ppm	0.491	0.001	0.2047	0.4917	0.4903
Co2286	228.616	{4 In2306	ppm	0.4937	0.0015	0.2987	0.4927	0.4948
Cr2677	267.716	{1 Y_3600	ppm	0.4917	0.0009	0.191	0.4924	0.4911
Cu3247	324.754	{1 Y_3600	ppm	0.4935	0.0049	0.9953	0.497	0.49
Fe2404	240.488	{1 In2306	ppm	2.465	0.0568	2.303	2.505	2.425
K_7664	766.490	{ 4 Y_3710	ppm	12.2	0.1368	1.121	12.1	12.3
K_7698	769.896	{ 4 Y_3710	ppm	12.17	0.1107	0.9095	12.1	12.25
Li6707	670.784	{ 5 Y_3710	ppm	0.4824	0.0081	1.683	0.4766	0.4881
Mg2790	279.079	{1 Y_3710	ppm	4.864	0.0188	0.3862	4.851	4.877
Mn2576	257.610	{1 Y_3600	ppm	0.4893	0.002	0.4183	0.4908	0.4879
Mn2576-2	257.610	{1 Y_3710	ppm	0.4793	0.0015	0.3127	0.4803	0.4782
Mo2020	202.030	{4 Y_2243	ppm	0.505	0.0004	0.088	0.5046	0.5053
Na5895	589.592	{ 5 Y_3710	ppm	12.17	0.1725	1.417	12.05	12.3
Na8183	818.326	{ 4 Y_3710	ppm	12.25	0.1885	1.539	12.12	12.39
Ni2316	231.604	{4 In2306	ppm	0.4898	0	0.0026	0.4898	0.4898
P_1782	178.284	{4 In2306	ppm	0.0009	0.0012	128.6	0.0001	0.0018
Pb2203	220.353	{4 In2306	ppm	0.4901	0.0022	0.4527	0.4885	0.4917
S_1820	182.034	{4 Y_2243	ppm	-224.9	0.0155	0.0069	-224.8	-224.9
Sb2068	206.833	{4 Y_2243	ppm	0.4967	0.0009	0.1909	0.4973	0.496
Se1960	196.090	{4 Y_2243	ppm	0.5035	0.0002	0.0427	0.5034	0.5037
Si2516	251.611	{1 Y_3710	ppm	0.8969	0.0207	2.313	0.8823	0.9116
Sn1899	189.989	{4 In2306	ppm	0.5007	0.0024	0.4728	0.499	0.5023
Sr4215	421.552	{ 8 Y_3710	ppm	0.247	0.0009	0.3711	0.2464	0.2476
Ti3349	334.904	{1 Y_3600	ppm	0.5043	0.0003	0.0512	0.5045	0.5041
Tl1908	190.856	{4 In2306	ppm	0.4983	0.0025	0.4969	0.5	0.4965
V_2924	292.402	{1 Y_3600	ppm	0.501	0.0021	0.4174	0.5025	0.4995
Zn2062	206.200	{4 In2306	ppm	0.4877	0.0003	0.0515	0.4875	0.4879

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	192.97	2.781	1.4412	191.01	194.94
In2306	230.606	{4 Cts/S	10074	1.733	0.0172	10073	10076
Y_2243	224.306	{4 Cts/S	13284	13.827	0.10409	13274	13294
Y_3600	360.073	{ 9 Cts/S	101250	380.66	0.37594	100980	101520
Y_3710	371.030	{ 9 Cts/S	12754	22.301	0.17486	12770	12738

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Custom ID3=
Run Time=1/12/2012 14:08:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0057	0.001	17.43	0.005	0.0064
Al3082	308.215	{1 In2306	ppm	0.0957	0.0067	6.977	0.1004	0.091
As1890	189.042	{4 Y_2243	ppm	0.0087	0.0009	9.801	0.0081	0.0093
B_2496	249.678	{1 Y_3710	ppm	0.0113	0.0039	34.51	0.0086	0.0141
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0.0003	2.793	0.0096	0.0093
Be3130	313.042	{1 Y_3710	ppm	0.0049	0	0.3009	0.0049	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0953	0.0108	11.3	0.1029	0.0876
Ca3181	318.128	{1 In2306	ppm	0.0781	0.0519	66.44	0.0414	0.1147
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0008	14.14	0.0048	0.0059
Co2286	228.616	{4 In2306	ppm	0.0098	0.0009	9.217	0.0092	0.0105
Cr2677	267.716	{1 Y_3600	ppm	0.0106	0.0016	14.92	0.0095	0.0118
Cu3247	324.754	{1 Y_3600	ppm	0.0112	0.0019	17.07	0.0098	0.0125
Fe2404	240.488	{1 In2306	ppm	0.0935	0.0054	5.824	0.0896	0.0973
K_7664	766.490	{ 4 Y_3710	ppm	0.5782	0.006	1.041	0.5739	0.5825
K_7698	769.896	{ 4 Y_3710	ppm	0.5524	0.0271	4.908	0.5716	0.5333
Li6707	670.784	{ 5 Y_3710	ppm	0.0092	0.0003	3.722	0.0095	0.009
Mg2790	279.079	{1 Y_3710	ppm	0.1154	0.0172	14.91	0.1275	0.1032
Mn2576	257.610	{1 Y_3600	ppm	0.0112	0.0016	14.23	0.0101	0.0123
Mn2576-2	257.610	{1 Y_3710	ppm	0.0093	0.0006	6.687	0.0098	0.0089
Mo2020	202.030	{4 Y_2243	ppm	0.0119	0.0012	10.37	0.011	0.0128
Na5895	589.592	{ 5 Y_3710	ppm	0.565	0.013	2.306	0.5558	0.5742
Na8183	818.326	{ 4 Y_3710	ppm	0.8822	0.0901	10.21	0.8185	0.9459
Ni2316	231.604	{4 In2306	ppm	0.0103	0.0007	6.584	0.0098	0.0108
P_1782	178.284	{4 In2306	ppm	0.0073	0	0.1094	0.0073	0.0073
Pb2203	220.353	{4 In2306	ppm	0.011	0.0017	15.56	0.0098	0.0122
S_1820	182.034	{4 Y_2243	ppm	-0.0675	0.1332	197.3	-0.1617	0.0267
Sb2068	206.833	{4 Y_2243	ppm	0.0192	0.0001	0.5595	0.0191	0.0193
Se1960	196.090	{4 Y_2243	ppm	0.0085	0.0002	1.827	0.0084	0.0086
Si2516	251.611	{1 Y_3710	ppm	0.0071	0.0045	64.01	0.0103	0.0039
Sn1899	189.989	{4 In2306	ppm	0.0107	0.001	9.663	0.01	0.0114
Sr4215	421.552	{ 8 Y_3710	ppm	0.0048	0.0001	1.246	0.0048	0.0047
Ti3349	334.904	{1 Y_3600	ppm	0.0122	0.0015	11.88	0.0112	0.0133
Tl1908	190.856	{4 In2306	ppm	0.0094	0.0004	4.155	0.0091	0.0097
V_2924	292.402	{1 Y_3600	ppm	0.0112	0.0016	14.55	0.01	0.0123
Zn2062	206.200	{4 In2306	ppm	0.0098	0.0008	8.023	0.0093	0.0104

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	192.69	0.39436	0.20465	192.97	192.41
In2306	230.606	{4 Cts/S	10678	51.279	0.48025	10714	10641
Y_2243	224.306	{4 Cts/S	13623	62.495	0.45873	13668	13579
Y_3600	360.073	{ 9 Cts/S	96725	10754	11.118	104330	89121
Y_3710	371.030	{ 9 Cts/S	12990	27.954	0.2152	13010	12970

[Sample Header]

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 14:11:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0003	189.5	0	0.0003
Al3082	308.215	{1 In2306	ppm	-0.0126	0.0049	39.08	-0.0091	-0.0161
As1890	189.042	{4 Y_2243	ppm	0.0004	0.0001	35.75	0.0005	0.0003
B_2496	249.678	{1 Y_3710	ppm	0.0005	0.0007	146.9	0.001	0
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0001	25.56	-0.0003	-0.0004
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	0.885	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0048	0.0103	214.6	0.0025	-0.012
Ca3181	318.128	{1 In2306	ppm	-0.0271	0.0116	42.73	-0.0353	-0.0189
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0001	95.35	-0.0001	0
Co2286	228.616	{4 In2306	ppm	-0.0001	0.0002	177	0	-0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0002	105.6	-0.0003	0
Cu3247	324.754	{1 Y_3600	ppm	-0.0003	0.0002	78.02	-0.0001	-0.0004
Fe2404	240.488	{1 In2306	ppm	-0.0121	0.0051	42.31	-0.0085	-0.0157
K_7664	766.490	{ 4 Y_3710	ppm	-0.0084	0.0045	53.19	-0.0116	-0.0052
K_7698	769.896	{ 4 Y_3710	ppm	-0.0555	0.0774	139.4	-0.1103	-0.0008
Li6707	670.784	{ 5 Y_3710	ppm	-0.0003	0.0008	283.3	-0.0008	0.0003
Mg2790	279.079	{1 Y_3710	ppm	-0.0176	0.031	176.4	0.0043	-0.0395
Mn2576	257.610	{1 Y_3600	ppm	0	0	65.47	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0002	0.0006	349.7	-0.0002	0.0006
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0001	37.63	0.0002	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.0031	0.0039	126.3	0.0003	0.0059
Na8183	818.326	{ 4 Y_3710	ppm	0.4506	0.0721	16.01	0.5016	0.3996
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0002	43.19	0.0003	0.0006
P_1782	178.284	{4 In2306	ppm	-0.0012	0.0001	11.09	-0.0011	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0001	13.33	0.0008	0.001
S_1820	182.034	{4 Y_2243	ppm	0.72	0.5242	72.8	0.3494	1.091
Sb2068	206.833	{4 Y_2243	ppm	0.0024	0.0012	50.84	0.0032	0.0015
Se1960	196.090	{4 Y_2243	ppm	0.0002	0	28.89	0.0002	0.0001
Si2516	251.611	{1 Y_3710	ppm	-0.0033	0.0004	12.49	-0.003	-0.0036
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0001	27.82	0.0002	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0.0001	60.14	-0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0001	0.0004	376.4	0.0002	-0.0004
Tl1908	190.856	{4 In2306	ppm	-0.0013	0.0003	27.88	-0.0015	-0.001
V_2924	292.402	{1 Y_3600	ppm	0.0002	0.0002	66.73	0.0004	0.0001
Zn2062	206.200	{4 In2306	ppm	-0.0001	0	67.99	-0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	193.24	1.4612	0.75612	194.28	192.21
In2306	230.606	{4 Cts/S	10725	55.915	0.52133	10686	10765
Y_2243	224.306	{4 Cts/S	13625	65.965	0.48414	13579	13672
Y_3600	360.073	{ 9 Cts/S	103310	230.27	0.2229	103470	103140
Y_3710	371.030	{ 9 Cts/S	12965	114.35	0.88195	13046	12884

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	55.78	0.0002	0.0005
Al3082	308.215 {1	In2306	ppm	529.3	0.694	0.1311	529.8	528.8
As1890	189.042 {4	Y_2243	ppm	-0.0003	0.0011	326.4	-0.0011	0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0035	0.0078	223.9	-0.002	0.009
Ba4554	455.403 {	Y_3710	ppm	0.0001	0	24.03	0.0001	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	213.1	0	0
Ca3158	315.887 {1	In2306	ppm	518	2.352	0.454	516.3	519.7
Ca3181	318.128 {1	In2306	ppm	525.9	1.209	0.2299	525.1	526.8
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	105.4	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	51.3	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0022	0.0003	14.42	0.0024	0.002
Cu3247	324.754 {1	Y_3600	ppm	0.0033	0.0006	16.85	0.0029	0.0037
Fe2404	240.488 {1	In2306	ppm	201.8	0.4818	0.2388	201.4	202.1
K_7664	766.490 {	Y_3710	ppm	0.0019	0.0015	79.25	0.0029	0.0008
K_7698	769.896 {	Y_3710	ppm	-0.0991	0.0195	19.71	-0.1129	-0.0853
Li6707	670.784 {	Y_3710	ppm	0.0096	0.0001	1.255	0.0095	0.0096
Mg2790	279.079 {1	Y_3710	ppm	586.9	5.104	0.8698	590.5	583.3
Mn2576	257.610 {1	Y_3600	ppm	-0.0054	0	0.3732	-0.0054	-0.0054
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0079	0.0007	8.193	-0.0075	-0.0084
Mo2020	202.030 {4	Y_2243	ppm	-0.0011	0.0005	42.51	-0.0008	-0.0014
Na5895	589.592 {	Y_3710	ppm	0.0264	0.0013	4.844	0.0273	0.0255
Na8183	818.326 {	Y_3710	ppm	0.8791	0.0707	8.048	0.9291	0.8291
Ni2316	231.604 {4	In2306	ppm	0.0055	0.0004	6.572	0.0058	0.0053
P_1782	178.284 {4	In2306	ppm	-0.0002	0.0021	1277	-0.0017	0.0013
Pb2203	220.353 {4	In2306	ppm	-0.0168	0.001	5.967	-0.016	-0.0175
S_1820	182.034 {4	Y_2243	ppm	34.22	0.8932	2.61	34.85	33.59
Sb2068	206.833 {4	Y_2243	ppm	-0.0067	0.0043	63.85	-0.0097	-0.0037
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0017	598.7	0.0015	-0.0009
Si2516	251.611 {1	Y_3710	ppm	-0.005	0.017	339.5	0.007	-0.0171
Sn1899	189.989 {4	In2306	ppm	0.0025	0.0011	43.82	0.0032	0.0017
Sr4215	421.552 {	Y_3710	ppm	0.0024	0	0.2007	0.0024	0.0024
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0	0.3368	0.0027	0.0027
Tl1908	190.856 {4	In2306	ppm	-0.0025	0.002	81.72	-0.001	-0.0039
V_2924	292.402 {1	Y_3600	ppm	-0.006	0.0001	1.744	-0.006	-0.0059
Zn2062	206.200 {4	In2306	ppm	0.0042	0	0.8702	0.0042	0.0042

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	175.9	0.50621	0.28779	176.25	175.54
In2306	230.606 {4	Cts/S	7692.5	52.819	0.68662	7655.2	7729.9
Y_2243	224.306 {4	Cts/S	11706	68.568	0.58573	11658	11755
Y_3600	360.073 {	Cts/S	86549	369.33	0.42673	86288	86810
Y_3710	371.030 {	Cts/S	11187	71.204	0.63651	11136	11237

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 14:16:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5501	0.0076	1.384	0.5447	0.5555
Al3082	308.215	{1 In2306	ppm	556.3	3.287	0.5908	554	558.6
As1890	189.042	{4 Y_2243	ppm	1.01	0.0034	0.3344	1.013	1.008
B_2496	249.678	{1 Y_3710	ppm	1.127	0.0291	2.581	1.106	1.148
Ba4554	455.403	{ 7 Y_3710	ppm	1.149	0.0256	2.226	1.131	1.167
Be3130	313.042	{1 Y_3710	ppm	0.545	0.0103	1.889	0.5378	0.5523
Ca3158	315.887	{1 In2306	ppm	534.6	6.835	1.278	539.4	529.8
Ca3181	318.128	{1 In2306	ppm	542.9	5.508	1.015	546.8	539
Cd2288	228.802	{4 Y_2243	ppm	0.5181	0.0015	0.2974	0.5192	0.517
Co2286	228.616	{4 In2306	ppm	1.009	0.002	0.1993	1.01	1.007
Cr2677	267.716	{1 Y_3600	ppm	0.942	0.0115	1.225	0.9339	0.9502
Cu3247	324.754	{1 Y_3600	ppm	1.048	0.0177	1.691	1.036	1.061
Fe2404	240.488	{1 In2306	ppm	213.9	1.996	0.933	215.3	212.5
K_7664	766.490	{ 4 Y_3710	ppm	11.78	0.4128	3.504	11.49	12.07
K_7698	769.896	{ 4 Y_3710	ppm	11.69	0.3616	3.093	11.44	11.95
Li6707	670.784	{ 5 Y_3710	ppm	1.127	0.0423	3.753	1.097	1.157
Mg2790	279.079	{1 Y_3710	ppm	615.1	7.605	1.237	609.7	620.4
Mn2576	257.610	{1 Y_3600	ppm	0.9247	0.0113	1.217	0.9168	0.9327
Mn2576-2	257.610	{1 Y_3710	ppm	1.069	0.0172	1.612	1.057	1.081
Mo2020	202.030	{4 Y_2243	ppm	0.9221	0.0037	0.4045	0.9247	0.9195
Na5895	589.592	{ 5 Y_3710	ppm	11.38	0.4074	3.579	11.09	11.67
Na8183	818.326	{ 4 Y_3710	ppm	12.33	0.3884	3.149	12.06	12.61
Ni2316	231.604	{4 In2306	ppm	0.9896	0.003	0.3002	0.9917	0.9875
P_1782	178.284	{4 In2306	ppm	1.132	0.0055	0.4839	1.136	1.129
Pb2203	220.353	{4 In2306	ppm	0.9555	0.0035	0.3664	0.9579	0.953
S_1820	182.034	{4 Y_2243	ppm	34.95	0.1737	0.497	35.07	34.83
Sb2068	206.833	{4 Y_2243	ppm	0.9711	0.0101	1.04	0.9782	0.9639
Se1960	196.090	{4 Y_2243	ppm	1.002	0.0002	0.0172	1.002	1.002
Si2516	251.611	{1 Y_3710	ppm	1.016	0.0152	1.493	1.005	1.027
Sn1899	189.989	{4 In2306	ppm	1.008	0.003	0.2994	1.01	1.006
Sr4215	421.552	{ 8 Y_3710	ppm	0.5633	0.0111	1.962	0.5554	0.5711
Ti3349	334.904	{1 Y_3600	ppm	0.9772	0.0116	1.189	0.969	0.9854
Tl1908	190.856	{4 In2306	ppm	0.9337	0.0076	0.817	0.9391	0.9283
V_2924	292.402	{1 Y_3600	ppm	0.9489	0.0137	1.442	0.9392	0.9586
Zn2062	206.200	{4 In2306	ppm	1.017	0.0008	0.0787	1.017	1.016

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	171.47	1.0693	0.62361	170.71	172.22
In2306	230.606	{4 Cts/S	7712.7	6.6526	0.08626	7708	7717.4
Y_2243	224.306	{4 Cts/S	11810	23.808	0.2016	11793	11826
Y_3600	360.073	{ 9 Cts/S	87946	997.6	1.1343	88651	87240
Y_3710	371.030	{ 9 Cts/S	10806	149.94	1.3875	10912	10700

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Custom ID3=
Run Time=1/12/2012 14:18:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2545	0.0019	0.7606	0.2559	0.2531
Al3082	308.215	{1 In2306	ppm	2.526	0.0448	1.774	2.494	2.558
As1890	189.042	{4 Y_2243	ppm	0.4693	0.0026	0.5476	0.4711	0.4675
B_2496	249.678	{1 Y_3710	ppm	0.4843	0.007	1.452	0.4794	0.4893
Ba4554	455.403	{ 7 Y_3710	ppm	0.4903	0.0026	0.537	0.4884	0.4922
Be3130	313.042	{1 Y_3710	ppm	0.4902	0.0021	0.4267	0.4887	0.4917
Ca3158	315.887	{1 In2306	ppm	12.29	0.076	0.6183	12.24	12.35
Ca3181	318.128	{1 In2306	ppm	12.73	0.0663	0.5208	12.69	12.78
Cd2288	228.802	{4 Y_2243	ppm	0.4952	0.001	0.1928	0.4958	0.4945
Co2286	228.616	{4 In2306	ppm	0.5108	0.0002	0.031	0.5109	0.5106
Cr2677	267.716	{1 Y_3600	ppm	0.5365	0.0035	0.6612	0.534	0.539
Cu3247	324.754	{1 Y_3600	ppm	0.516	0.0002	0.0354	0.5161	0.5158
Fe2404	240.488	{1 In2306	ppm	2.483	0.0056	0.224	2.479	2.487
K_7664	766.490	{ 4 Y_3710	ppm	12.43	0.0435	0.3503	12.4	12.46
K_7698	769.896	{ 4 Y_3710	ppm	12.8	0.0807	0.6304	12.74	12.85
Li6707	670.784	{ 5 Y_3710	ppm	0.478	0.003	0.6281	0.4759	0.4801
Mg2790	279.079	{1 Y_3710	ppm	5.062	0.0362	0.7156	5.036	5.088
Mn2576	257.610	{1 Y_3600	ppm	0.5121	0.0003	0.0545	0.512	0.5123
Mn2576-2	257.610	{1 Y_3710	ppm	0.4481	0.0014	0.3136	0.4471	0.4491
Mo2020	202.030	{4 Y_2243	ppm	0.468	0.0013	0.2789	0.4689	0.4671
Na5895	589.592	{ 5 Y_3710	ppm	12.42	0.0465	0.3741	12.39	12.46
Na8183	818.326	{ 4 Y_3710	ppm	12.66	0.037	0.2922	12.69	12.64
Ni2316	231.604	{4 In2306	ppm	0.472	0.0013	0.2661	0.4729	0.4712
P_1782	178.284	{4 In2306	ppm	0.0005	0.0015	299.1	-0.0006	0.0016
Pb2203	220.353	{4 In2306	ppm	0.4806	0.0005	0.1022	0.4802	0.4809
S_1820	182.034	{4 Y_2243	ppm	-247.1	0.1619	0.0655	-247.3	-247
Sb2068	206.833	{4 Y_2243	ppm	0.4793	0.0016	0.3367	0.4804	0.4781
Se1960	196.090	{4 Y_2243	ppm	0.4665	0	0.0078	0.4665	0.4665
Si2516	251.611	{1 Y_3710	ppm	0.7723	0.0183	2.364	0.7594	0.7852
Sn1899	189.989	{4 In2306	ppm	0.4996	0.0016	0.3271	0.5007	0.4984
Sr4215	421.552	{ 8 Y_3710	ppm	0.2382	0.0006	0.2321	0.2378	0.2386
Ti3349	334.904	{1 Y_3600	ppm	0.5292	0.0009	0.1745	0.5286	0.5299
Tl1908	190.856	{4 In2306	ppm	0.4691	0.0038	0.8131	0.4718	0.4664
V_2924	292.402	{1 Y_3600	ppm	0.5559	0.0029	0.5293	0.5538	0.558
Zn2062	206.200	{4 In2306	ppm	0.5054	0.0006	0.1218	0.5059	0.505

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	185.84	1.7983	0.96766	187.12	184.57
In2306	230.606	{4 Cts/S	10108	4.8163	0.04765	10112	10105
Y_2243	224.306	{4 Cts/S	13446	16.774	0.12475	13434	13458
Y_3600	360.073	{ 9 Cts/S	100840	34.809	0.03452	100810	100860
Y_3710	371.030	{ 9 Cts/S	12611	99.159	0.7863	12681	12541

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 14:21:15
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0054	0.0001	1.359	0.0054	0.0055
Al3082	308.215	{1 In2306	ppm	0.1151	0.0221	19.18	0.1307	0.0995
As1890	189.042	{4 Y_2243	ppm	0.0091	0.0012	13.23	0.0083	0.01
B_2496	249.678	{1 Y_3710	ppm	0.0107	0.0017	15.57	0.0118	0.0095
Ba4554	455.403	{ 7 Y_3710	ppm	0.0097	0.0001	1.382	0.0096	0.0098
Be3130	313.042	{1 Y_3710	ppm	0.0051	0	0.4672	0.005	0.0051
Ca3158	315.887	{1 In2306	ppm	0.0943	0.0063	6.691	0.0898	0.0988
Ca3181	318.128	{1 In2306	ppm	0.0858	0.0061	7.16	0.0901	0.0814
Cd2288	228.802	{4 Y_2243	ppm	0.0057	0.001	18.13	0.0049	0.0064
Co2286	228.616	{4 In2306	ppm	0.0104	0.001	9.854	0.0097	0.0112
Cr2677	267.716	{1 Y_3600	ppm	0.0101	0.0011	10.57	0.0094	0.0109
Cu3247	324.754	{1 Y_3600	ppm	0.0106	0.0011	10.26	0.0098	0.0113
Fe2404	240.488	{1 In2306	ppm	0.0884	0.0004	0.4016	0.0881	0.0886
K_7664	766.490	{ 4 Y_3710	ppm	0.5823	0.0171	2.929	0.5702	0.5943
K_7698	769.896	{ 4 Y_3710	ppm	0.5958	0.0252	4.225	0.578	0.6136
Li6707	670.784	{ 5 Y_3710	ppm	0.0096	0.0004	4.171	0.0099	0.0093
Mg2790	279.079	{1 Y_3710	ppm	0.0992	0.0151	15.17	0.1098	0.0886
Mn2576	257.610	{1 Y_3600	ppm	0.0106	0.0006	5.477	0.0101	0.011
Mn2576-2	257.610	{1 Y_3710	ppm	0.0099	0.0005	4.902	0.0103	0.0096
Mo2020	202.030	{4 Y_2243	ppm	0.0119	0.0016	13.48	0.0107	0.013
Na5895	589.592	{ 5 Y_3710	ppm	0.588	0.0069	1.168	0.5928	0.5831
Na8183	818.326	{ 4 Y_3710	ppm	1.061	0.1463	13.79	1.164	0.9572
Ni2316	231.604	{4 In2306	ppm	0.0108	0.0013	12.37	0.0098	0.0117
P_1782	178.284	{4 In2306	ppm	0.0085	0.0012	13.93	0.0077	0.0094
Pb2203	220.353	{4 In2306	ppm	0.0109	0.0003	3.165	0.0107	0.0112
S_1820	182.034	{4 Y_2243	ppm	-0.2401	0.7539	314	0.293	-0.7732
Sb2068	206.833	{4 Y_2243	ppm	0.0199	0.0011	5.623	0.0191	0.0207
Se1960	196.090	{4 Y_2243	ppm	0.0101	0.0006	6.308	0.0105	0.0096
Si2516	251.611	{1 Y_3710	ppm	0.0017	0.003	171.9	-0.0004	0.0038
Sn1899	189.989	{4 In2306	ppm	0.0114	0.0016	14.28	0.0103	0.0126
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0.0001	1.166	0.0047	0.0048
Ti3349	334.904	{1 Y_3600	ppm	0.0113	0.0009	8.094	0.0106	0.0119
Tl1908	190.856	{4 In2306	ppm	0.011	0.0019	17.72	0.0096	0.0123
V_2924	292.402	{1 Y_3600	ppm	0.0103	0.0006	6.171	0.0098	0.0107
Zn2062	206.200	{4 In2306	ppm	0.0102	0.0011	11.03	0.0094	0.011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	191.23	1.8038	0.94329	189.95	192.5
In2306	230.606	{4 Cts/S	10663	0.05298	0.0005	10663	10662
Y_2243	224.306	{4 Cts/S	13625	13.145	0.09648	13616	13634
Y_3600	360.073	{ 9 Cts/S	100010	4262.3	4.262	103020	96992
Y_3710	371.030	{ 9 Cts/S	12654	10.982	0.08679	12662	12647

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0009	405.4	0.0008	-0.0004
Al3082	308.215	{1 In2306	ppm	0.0475	0.007	14.69	0.0426	0.0524
As1890	189.042	{4 Y_2243	ppm	-0.0008	0.0005	56.65	-0.0005	-0.0011
B_2496	249.678	{1 Y_3710	ppm	-0.0001	0.002	1956	0.0013	-0.0015
Ba4554	455.403	{ 7 Y_3710	ppm	0.0004	0	4.028	0.0004	0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	468.1	0.0001	0
Ca3158	315.887	{1 In2306	ppm	0.0028	0.0068	244	0.0076	-0.002
Ca3181	318.128	{1 In2306	ppm	-0.0153	0.0334	218.3	-0.0389	0.0083
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	22.24	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	41.91	0.0002	0.0001
Cr2677	267.716	{1 Y_3600	ppm	0.0003	0.0002	89.33	0.0004	0.0001
Cu3247	324.754	{1 Y_3600	ppm	-0.0006	0.0003	47.85	-0.0008	-0.0004
Fe2404	240.488	{1 In2306	ppm	0	0.0099	21010	-0.0071	0.007
K_7664	766.490	{ 4 Y_3710	ppm	-0.0062	0.0248	396.6	0.0113	-0.0238
K_7698	769.896	{ 4 Y_3710	ppm	0.0184	0.0371	201.9	-0.0078	0.0446
Li6707	670.784	{ 5 Y_3710	ppm	-0.0004	0	0.0279	-0.0004	-0.0004
Mg2790	279.079	{1 Y_3710	ppm	0.0139	0.0143	102.9	0.024	0.0038
Mn2576	257.610	{1 Y_3600	ppm	0	0	136.6	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0002	0.0007	313.6	0.0003	-0.0007
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	65.3	0.0001	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.0027	0.0055	203.9	0.0066	-0.0012
Na8183	818.326	{ 4 Y_3710	ppm	0.1018	0.028	27.46	0.082	0.1216
Ni2316	231.604	{4 In2306	ppm	-0.0001	0	20.91	-0.0002	-0.0001
P_1782	178.284	{4 In2306	ppm	-0.0011	0.001	90.76	-0.0004	-0.0018
Pb2203	220.353	{4 In2306	ppm	0	0.0004	3920	0.0003	-0.0003
S_1820	182.034	{4 Y_2243	ppm	0.2053	0.2016	98.23	0.3479	0.0627
Sb2068	206.833	{4 Y_2243	ppm	0.0027	0.0009	33.56	0.0033	0.002
Se1960	196.090	{4 Y_2243	ppm	0.0009	0.0012	125.9	0.0001	0.0018
Si2516	251.611	{1 Y_3710	ppm	-0.0056	0.0019	34.12	-0.0043	-0.007
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0004	64.69	0.0009	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	0.0001	0	48.92	0.0001	0
Ti3349	334.904	{1 Y_3600	ppm	-0.0009	0.0003	37.03	-0.0012	-0.0007
Tl1908	190.856	{4 In2306	ppm	-0.0017	0.0005	30.1	-0.0021	-0.0014
V_2924	292.402	{1 Y_3600	ppm	-0.0011	0.0001	10.33	-0.0011	-0.0012
Zn2062	206.200	{4 In2306	ppm	0.0001	0.0001	87.36	0	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	186.32	1.323	0.71007	185.39	187.26
In2306	230.606	{4 Cts/S	10705	1.8889	0.01765	10703	10706
Y_2243	224.306	{4 Cts/S	13637	7.6615	0.05618	13632	13643
Y_3600	360.073	{ 9 Cts/S	102620	594.95	0.57977	102200	103040
Y_3710	371.030	{ 9 Cts/S	12693	44.851	0.35334	12662	12725

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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0002	74.58	0.0001	0.0005
Al3082	308.215	{1 In2306	ppm	0.0177	0.0088	49.7	0.0115	0.0239
As1890	189.042	{4 Y_2243	ppm	-0.0012	0.0003	26.17	-0.0014	-0.001
B_2496	249.678	{1 Y_3710	ppm	0.007	0.0008	11.22	0.0076	0.0065
Ba4554	455.403	{ 7 Y_3710	ppm	0.002	0	0.0602	0.002	0.002
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	31.5	0.0002	0.0001
Ca3158	315.887	{1 In2306	ppm	0.0056	0.0082	146.1	-0.0002	0.0114
Ca3181	318.128	{1 In2306	ppm	-0.0155	0.0012	7.678	-0.0163	-0.0146
Cd2288	228.802	{4 Y_2243	ppm	0	0	265.4	0	0
Co2286	228.616	{4 In2306	ppm	-0.0001	0.0001	81.71	0	-0.0002
Cr2677	267.716	{1 Y_3600	ppm	0	0.0003	116800	0.0002	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0	23.11	0.0002	0.0002
Fe2404	240.488	{1 In2306	ppm	0.0052	0.0052	99.33	0.0016	0.0089
K_7664	766.490	{ 4 Y_3710	ppm	0.0048	0.0008	16.73	0.0053	0.0042
K_7698	769.896	{ 4 Y_3710	ppm	-0.1935	0.0547	28.27	-0.2322	-0.1548
Li6707	670.784	{ 5 Y_3710	ppm	0.0003	0.0001	33.24	0.0002	0.0004
Mg2790	279.079	{1 Y_3710	ppm	0.0051	0.01	195.6	0.0122	-0.002
Mn2576	257.610	{1 Y_3600	ppm	0.0005	0	0.5932	0.0005	0.0005
Mn2576-2	257.610	{1 Y_3710	ppm	0.0007	0.0006	80.91	0.0011	0.0003
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0	41.25	0	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0179	0.0022	12.05	0.0195	0.0164
Na8183	818.326	{ 4 Y_3710	ppm	0.6113	0.0111	1.811	0.6035	0.6192
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0003	52.74	0.0007	0.0003
P_1782	178.284	{4 In2306	ppm	0.0225	0.0006	2.693	0.0229	0.0221
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0011	127.2	0.0017	0.0001
S_1820	182.034	{4 Y_2243	ppm	-2.582	0.0534	2.067	-2.544	-2.62
Sb2068	206.833	{4 Y_2243	ppm	0.0031	0.0007	21.43	0.0036	0.0027
Se1960	196.090	{4 Y_2243	ppm	-0.0009	0.0004	47.68	-0.0012	-0.0006
Si2516	251.611	{1 Y_3710	ppm	0.006	0.0071	119.2	0.0009	0.011
Sn1899	189.989	{4 In2306	ppm	0.0293	0.0003	0.9303	0.0292	0.0295
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0001	85340	-0.0001	0.0001
Ti3349	334.904	{1 Y_3600	ppm	0.0005	0.0001	17.49	0.0004	0.0005
Tl1908	190.856	{4 In2306	ppm	-0.0023	0.0003	11.2	-0.0021	-0.0025
V_2924	292.402	{1 Y_3600	ppm	0	0.0002	587	-0.0001	0.0002
Zn2062	206.200	{4 In2306	ppm	0.0059	0.0001	1.421	0.0059	0.006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	181.74	0.6851	0.37697	181.25	182.22
In2306	230.606	{4 Cts/S	10718	6.3131	0.0589	10713	10722
Y_2243	224.306	{4 Cts/S	13726	5.0219	0.03659	13722	13729
Y_3600	360.073	{ 9 Cts/S	103710	473.89	0.45693	104050	103380
Y_3710	371.030	{ 9 Cts/S	12505	14.016	0.11208	12495	12515

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4588	0.0044	0.9507	0.4557	0.4619
Al3082	308.215	{1 In2306	ppm	85.06	1.13	1.329	84.26	85.86
As1890	189.042	{4 Y_2243	ppm	1.314	0.016	1.221	1.326	1.303
B_2496	249.678	{1 Y_3710	ppm	0.868	0.0015	0.1781	0.8691	0.8669
Ba4554	455.403	{ 7 Y_3710	ppm	2.522	0.0055	0.2183	2.518	2.526
Be3130	313.042	{1 Y_3710	ppm	1.561	0.0023	0.1462	1.563	1.559
Ca3158	315.887	{1 In2306	ppm	101.3	1.356	1.339	100.3	102.2
Ca3181	318.128	{1 In2306	ppm	102.1	1.252	1.226	101.2	103
Cd2288	228.802	{4 Y_2243	ppm	0.7136	0.0083	1.168	0.7195	0.7077
Co2286	228.616	{4 In2306	ppm	1.481	0.0166	1.124	1.492	1.469
Cr2677	267.716	{1 Y_3600	ppm	1.011	0.0047	0.4643	1.008	1.015
Cu3247	324.754	{1 Y_3600	ppm	1.101	0.0032	0.294	1.098	1.103
Fe2404	240.488	{1 In2306	ppm	166	2.095	1.262	164.5	167.4
K_7664	766.490	{ 4 Y_3710	ppm	46.02	0.0444	0.0964	46.05	45.99
K_7698	769.896	{ 4 Y_3710	ppm	46.29	0.0175	0.0377	46.31	46.28
Li6707	670.784	{ 5 Y_3710	ppm	0.0832	0.0003	0.3407	0.083	0.0834
Mg2790	279.079	{1 Y_3710	ppm	40.87	0.2612	0.6391	41.06	40.69
Mn2576	257.610	{1 Y_3600	ppm	5.012	0.0168	0.335	5	5.024
Mn2576-2	257.610	{1 Y_3710	ppm	5.219	0.0019	0.037	5.22	5.217
Mo2020	202.030	{4 Y_2243	ppm	0.8886	0.0138	1.551	0.8983	0.8789
Na5895	589.592	{ 5 Y_3710	ppm	5.987	0.0012	0.0207	5.988	5.986
Na8183	818.326	{ 4 Y_3710	ppm	6.739	0.0076	0.1133	6.744	6.734
Ni2316	231.604	{4 In2306	ppm	1.372	0.0158	1.151	1.383	1.36
P_1782	178.284	{4 In2306	ppm	7.949	0.0673	0.8469	7.997	7.902
Pb2203	220.353	{4 In2306	ppm	1.398	0.006	0.4275	1.403	1.394
S_1820	182.034	{4 Y_2243	ppm	-913.5	8.8	0.9633	-919.7	-907.3
Sb2068	206.833	{4 Y_2243	ppm	0.7789	0.0138	1.773	0.7887	0.7692
Se1960	196.090	{4 Y_2243	ppm	1.927	0.0155	0.8056	1.938	1.916
Si2516	251.611	{1 Y_3710	ppm	5.211	0.0323	0.6206	5.188	5.234
Sn1899	189.989	{4 In2306	ppm	1.606	0.017	1.056	1.618	1.594
Sr4215	421.552	{ 8 Y_3710	ppm	2.359	0.0065	0.2759	2.355	2.364
Ti3349	334.904	{1 Y_3600	ppm	3.799	0.0005	0.0119	3.799	3.8
Tl1908	190.856	{4 In2306	ppm	1.553	0.0152	0.9775	1.564	1.542
V_2924	292.402	{1 Y_3600	ppm	0.6066	0.0135	2.229	0.6162	0.597
Zn2062	206.200	{4 In2306	ppm	2.636	0.0297	1.125	2.657	2.615

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	176.37	1.9774	1.1211	177.77	174.97
In2306	230.606	{4 Cts/S	9105	43.269	0.47522	9135.6	9074.4
Y_2243	224.306	{4 Cts/S	13401	38.476	0.28711	13428	13374
Y_3600	360.073	{ 9 Cts/S	99183	182.24	0.18374	99311	99054
Y_3710	371.030	{ 9 Cts/S	12363	36.363	0.29413	12337	12388

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0022	0.001	46.17	-0.003	-0.0015
Al3082	308.215	{1 In2306	ppm	215.4	0.6255	0.2904	215.9	215
As1890	189.042	{4 Y_2243	ppm	0.2151	0.0135	6.29	0.2055	0.2246
B_2496	249.678	{1 Y_3710	ppm	0.0539	0.0047	8.694	0.0572	0.0506
Ba4554	455.403	{ 7 Y_3710	ppm	1.69	0.0078	0.4607	1.695	1.684
Be3130	313.042	{1 Y_3710	ppm	0.0157	0.0002	1.27	0.0159	0.0156
Ca3158	315.887	{1 In2306	ppm	2473	47.85	1.935	2439	2507
Ca3181	318.128	{1 In2306	ppm	2803	22.26	0.7942	2787	2818
Cd2288	228.802	{4 Y_2243	ppm	0.0183	0.0092	50.09	0.0118	0.0248
Co2286	228.616	{4 In2306	ppm	0.1489	0.0197	13.2	0.135	0.1628
Cr2677	267.716	{1 Y_3600	ppm	0.2124	0.0017	0.8	0.2112	0.2136
Cu3247	324.754	{1 Y_3600	ppm	0.2229	0.001	0.4469	0.2222	0.2236
Fe2404	240.488	{1 In2306	ppm	311.4	2.095	0.6728	309.9	312.9
K_7664	766.490	{ 4 Y_3710	ppm	20.05	0.1471	0.7335	20.16	19.95
K_7698	769.896	{ 4 Y_3710	ppm	20.48	0.2521	1.231	20.66	20.31
Li6707	670.784	{ 5 Y_3710	ppm	0.1424	0.0002	0.1669	0.1423	0.1426
Mg2790	279.079	{1 Y_3710	ppm	32.11	0.0138	0.0429	32.1	32.12
Mn2576	257.610	{1 Y_3600	ppm	5.081	0.0101	0.1979	5.088	5.074
Mn2576-2	257.610	{1 Y_3710	ppm	6.023	0.0102	0.1688	6.03	6.015
Mo2020	202.030	{4 Y_2243	ppm	0.0201	0.0129	64.08	0.011	0.0293
Na5895	589.592	{ 5 Y_3710	ppm	2.799	0.0378	1.349	2.825	2.772
Na8183	818.326	{ 4 Y_3710	ppm	3.705	0.0203	0.549	3.69	3.719
Ni2316	231.604	{4 In2306	ppm	0.3881	0.0127	3.269	0.3791	0.397
P_1782	178.284	{4 In2306	ppm	21.72	0.31	1.427	21.94	21.5
Pb2203	220.353	{4 In2306	ppm	0.514	0.0095	1.84	0.5073	0.5206
S_1820	182.034	{4 Y_2243	ppm	-730.4	0.9103	0.1246	-731	-729.7
Sb2068	206.833	{4 Y_2243	ppm	0.0294	0.0115	39.27	0.0212	0.0375
Se1960	196.090	{4 Y_2243	ppm	0.0249	0.022	88.39	0.0093	0.0405
Si2516	251.611	{1 Y_3710	ppm	14.64	0.1098	0.7505	14.71	14.56
Sn1899	189.989	{4 In2306	ppm	0.0702	0.0242	34.44	0.0531	0.0872
Sr4215	421.552	{ 8 Y_3710	ppm	5.96	0.0242	0.4055	5.977	5.943
Ti3349	334.904	{1 Y_3600	ppm	0.3328	0.0032	0.951	0.3306	0.3351
Tl1908	190.856	{4 In2306	ppm	0.0138	0.0204	147.4	-0.0006	0.0282
V_2924	292.402	{1 Y_3600	ppm	0.8143	0.0068	0.8358	0.8095	0.8191
Zn2062	206.200	{4 In2306	ppm	0.8397	0.0227	2.698	0.8237	0.8558

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	164.85	1.3477	0.81758	165.8	163.89
In2306	230.606	{4 Cts/S	7010	33.464	0.47737	6986.3	7033.7
Y_2243	224.306	{4 Cts/S	12858	14.082	0.10952	12848	12868
Y_3600	360.073	{ 9 Cts/S	93135	487.5	0.52344	93479	92790
Y_3710	371.030	{ 9 Cts/S	11856	0.29024	0.00245	11856	11856

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Custom ID3=
Run Time=1/12/2012 15:23:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.003	0.0004	12.46	-0.0033	-0.0028
Al3082	308.215	{1 In2306	ppm	214	2.821	1.319	216	212
As1890	189.042	{4 Y_2243	ppm	0.1995	0.0018	0.9169	0.2008	0.1982
B_2496	249.678	{1 Y_3710	ppm	0.0644	0.0013	2.066	0.0653	0.0634
Ba4554	455.403	{ 7 Y_3710	ppm	1.59	0.0169	1.065	1.602	1.578
Be3130	313.042	{1 Y_3710	ppm	0.0152	0.0003	1.699	0.0154	0.015
Ca3158	315.887	{1 In2306	ppm	2191	33.23	1.517	2214	2167
Ca3181	318.128	{1 In2306	ppm	2451	5.679	0.2317	2455	2447
Cd2288	228.802	{4 Y_2243	ppm	0.0289	0.0002	0.8632	0.0287	0.0291
Co2286	228.616	{4 In2306	ppm	0.1168	0.0004	0.3102	0.117	0.1165
Cr2677	267.716	{1 Y_3600	ppm	0.2067	0.0032	1.524	0.2045	0.209
Cu3247	324.754	{1 Y_3600	ppm	0.2304	0.0023	0.9913	0.2287	0.232
Fe2404	240.488	{1 In2306	ppm	294.1	1.504	0.5116	295.2	293
K_7664	766.490	{ 4 Y_3710	ppm	23.58	0.2602	1.103	23.77	23.4
K_7698	769.896	{ 4 Y_3710	ppm	24.06	0.2654	1.103	24.24	23.87
Li6707	670.784	{ 5 Y_3710	ppm	0.1349	0.0023	1.731	0.1366	0.1333
Mg2790	279.079	{1 Y_3710	ppm	31.88	0.0539	0.1692	31.92	31.84
Mn2576	257.610	{1 Y_3600	ppm	4.615	0.0376	0.8145	4.589	4.642
Mn2576-2	257.610	{1 Y_3710	ppm	5.332	0.0331	0.6215	5.355	5.308
Mo2020	202.030	{4 Y_2243	ppm	0.0073	0.0005	6.714	0.0069	0.0076
Na5895	589.592	{ 5 Y_3710	ppm	2.59	0.0402	1.551	2.618	2.561
Na8183	818.326	{ 4 Y_3710	ppm	3.36	0.033	0.981	3.384	3.337
Ni2316	231.604	{4 In2306	ppm	0.353	0.0048	1.359	0.3564	0.3496
P_1782	178.284	{4 In2306	ppm	21.14	0.4004	1.894	21.42	20.86
Pb2203	220.353	{4 In2306	ppm	1.818	0.0473	2.602	1.852	1.785
S_1820	182.034	{4 Y_2243	ppm	-1008	14.64	1.451	-1019	-998.1
Sb2068	206.833	{4 Y_2243	ppm	0.0082	0.0014	17.18	0.0072	0.0092
Se1960	196.090	{4 Y_2243	ppm	0.01	0.0007	6.558	0.0095	0.0104
Si2516	251.611	{1 Y_3710	ppm	11.92	0.064	0.5366	11.97	11.88
Sn1899	189.989	{4 In2306	ppm	0.0537	0.0016	2.927	0.0526	0.0548
Sr4215	421.552	{ 8 Y_3710	ppm	5.369	0.0479	0.8922	5.403	5.335
Ti3349	334.904	{1 Y_3600	ppm	0.3147	0.0026	0.8216	0.3129	0.3165
Tl1908	190.856	{4 In2306	ppm	-0.007	0.0026	37.35	-0.0089	-0.0052
V_2924	292.402	{1 Y_3600	ppm	0.7069	0.0037	0.5234	0.7043	0.7095
Zn2062	206.200	{4 In2306	ppm	0.8517	0.0152	1.779	0.8624	0.8409

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	159.13	1.0991	0.69068	158.36	159.91
In2306	230.606	{4 Cts/S	7141.8	101.15	1.4164	7070.2	7213.3
Y_2243	224.306	{4 Cts/S	13059	124.54	0.95371	12971	13147
Y_3600	360.073	{ 9 Cts/S	95051	389.7	0.40999	95327	94776
Y_3710	371.030	{ 9 Cts/S	11914	83.46	0.70055	11854	11973

[Sample Header]

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:26:01
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4905	0.0005	0.094	0.4908	0.4902
Al3082	308.215	{1 In2306	ppm	261.1	0.8206	0.3143	261.7	260.5
As1890	189.042	{4 Y_2243	ppm	1.063	0.0025	0.2335	1.061	1.064
B_2496	249.678	{1 Y_3710	ppm	0.6773	0.0016	0.2373	0.6785	0.6762
Ba4554	455.403	{ 7 Y_3710	ppm	2.776	0.0014	0.05	2.775	2.777
Be3130	313.042	{1 Y_3710	ppm	0.4848	0.0014	0.2833	0.4838	0.4858
Ca3158	315.887	{1 In2306	ppm	2348	4.855	0.2068	2344	2351
Ca3181	318.128	{1 In2306	ppm	2612	22.88	0.876	2628	2596
Cd2288	228.802	{4 Y_2243	ppm	0.4863	0.0025	0.523	0.4881	0.4845
Co2286	228.616	{4 In2306	ppm	1.147	0.0048	0.4202	1.15	1.143
Cr2677	267.716	{1 Y_3600	ppm	1.028	0.0032	0.3156	1.03	1.025
Cu3247	324.754	{1 Y_3600	ppm	1.143	0.0003	0.0232	1.142	1.143
Fe2404	240.488	{1 In2306	ppm	305.8	2.505	0.819	307.6	304
K_7664	766.490	{ 4 Y_3710	ppm	35.54	0.1878	0.5283	35.41	35.68
K_7698	769.896	{ 4 Y_3710	ppm	36.21	0.1921	0.5305	36.08	36.35
Li6707	670.784	{ 5 Y_3710	ppm	0.6199	0.0045	0.7226	0.6168	0.6231
Mg2790	279.079	{1 Y_3710	ppm	44.39	0.0555	0.125	44.43	44.35
Mn2576	257.610	{1 Y_3600	ppm	7.276	0.0047	0.0648	7.28	7.273
Mn2576-2	257.610	{1 Y_3710	ppm	8.755	0.026	0.2975	8.773	8.736
Mo2020	202.030	{4 Y_2243	ppm	0.6569	0.0039	0.5915	0.6597	0.6542
Na5895	589.592	{ 5 Y_3710	ppm	12.52	0.0826	0.6596	12.46	12.58
Na8183	818.326	{ 4 Y_3710	ppm	13.95	0.2093	1.501	13.8	14.1
Ni2316	231.604	{4 In2306	ppm	1.301	0.0008	0.0623	1.301	1.302
P_1782	178.284	{4 In2306	ppm	21.45	0.0809	0.3773	21.39	21.5
Pb2203	220.353	{4 In2306	ppm	7.871	0.0302	0.3833	7.892	7.849
S_1820	182.034	{4 Y_2243	ppm	-1089	6.767	0.6211	-1085	-1094
Sb2068	206.833	{4 Y_2243	ppm	0.2897	0.0082	2.837	0.2839	0.2955
Se1960	196.090	{4 Y_2243	ppm	0.8528	0.0006	0.075	0.8523	0.8532
Si2516	251.611	{1 Y_3710	ppm	13.69	0.0127	0.0931	13.68	13.7
Sn1899	189.989	{4 In2306	ppm	0.9847	0.0105	1.066	0.9921	0.9772
Sr4215	421.552	{ 8 Y_3710	ppm	6.14	0.0014	0.0221	6.139	6.141
Ti3349	334.904	{1 Y_3600	ppm	0.6996	0.0042	0.5997	0.7026	0.6967
Tl1908	190.856	{4 In2306	ppm	0.8613	0.0115	1.331	0.8694	0.8532
V_2924	292.402	{1 Y_3600	ppm	1.603	0.0008	0.0512	1.603	1.602
Zn2062	206.200	{4 In2306	ppm	1.87	0.0017	0.0885	1.871	1.869

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	157.27	0.59931	0.38107	156.85	157.7
In2306	230.606	{4 Cts/S	7082.4	23.784	0.33582	7099.3	7065.6
Y_2243	224.306	{4 Cts/S	13046	59.559	0.45654	13088	13004
Y_3600	360.073	{ 9 Cts/S	93366	287.79	0.30824	93162	93569
Y_3710	371.030	{ 9 Cts/S	11510	20.708	0.17991	11525	11496

[Sample Header]

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SampleName=600-48312-A-16-E MSD
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:28:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4952	0.0018	0.3724	0.4965	0.4939
Al3082	308.215	{1 In2306	ppm	236.5	2.674	1.131	234.6	238.4
As1890	189.042	{4 Y_2243	ppm	1.086	0.0029	0.2656	1.088	1.084
B_2496	249.678	{1 Y_3710	ppm	0.6474	0.004	0.6219	0.6445	0.6502
Ba4554	455.403	{ 7 Y_3710	ppm	2.485	0.0394	1.587	2.457	2.513
Be3130	313.042	{1 Y_3710	ppm	0.4814	0.0063	1.316	0.477	0.4859
Ca3158	315.887	{1 In2306	ppm	1948	40.59	2.084	1919	1977
Ca3181	318.128	{1 In2306	ppm	2126	12.08	0.5683	2117	2134
Cd2288	228.802	{4 Y_2243	ppm	0.5703	0.0023	0.4096	0.572	0.5687
Co2286	228.616	{4 In2306	ppm	1.131	0.0028	0.2476	1.133	1.129
Cr2677	267.716	{1 Y_3600	ppm	1.05	0.0036	0.3475	1.053	1.047
Cu3247	324.754	{1 Y_3600	ppm	1.17	0.0011	0.0928	1.17	1.169
Fe2404	240.488	{1 In2306	ppm	313.5	1.652	0.5269	312.3	314.6
K_7664	766.490	{ 4 Y_3710	ppm	34.46	0.3989	1.158	34.18	34.74
K_7698	769.896	{ 4 Y_3710	ppm	35.02	0.5448	1.555	34.64	35.41
Li6707	670.784	{ 5 Y_3710	ppm	0.6227	0.0078	1.26	0.6171	0.6282
Mg2790	279.079	{1 Y_3710	ppm	39.67	0.5312	1.339	39.3	40.05
Mn2576	257.610	{1 Y_3600	ppm	6.058	0.0531	0.8759	6.021	6.096
Mn2576-2	257.610	{1 Y_3710	ppm	7.001	0.0713	1.018	6.951	7.051
Mo2020	202.030	{4 Y_2243	ppm	0.6791	0.0015	0.2199	0.6802	0.678
Na5895	589.592	{ 5 Y_3710	ppm	13.22	0.1718	1.299	13.1	13.35
Na8183	818.326	{ 4 Y_3710	ppm	14.79	0.1145	0.7738	14.71	14.87
Ni2316	231.604	{4 In2306	ppm	1.303	0.0002	0.0116	1.303	1.303
P_1782	178.284	{4 In2306	ppm	17.51	0.0262	0.1497	17.53	17.49
Pb2203	220.353	{4 In2306	ppm	9.173	0.0019	0.0205	9.172	9.174
S_1820	182.034	{4 Y_2243	ppm	-1325	0.5268	0.0398	-1325	-1324
Sb2068	206.833	{4 Y_2243	ppm	0.3226	0.0037	1.154	0.32	0.3252
Se1960	196.090	{4 Y_2243	ppm	0.8581	0.0061	0.7135	0.8625	0.8538
Si2516	251.611	{1 Y_3710	ppm	9.514	0.1017	1.069	9.442	9.586
Sn1899	189.989	{4 In2306	ppm	0.9975	0.004	0.3977	1	0.9947
Sr4215	421.552	{ 8 Y_3710	ppm	5.916	0.0764	1.291	5.862	5.97
Ti3349	334.904	{1 Y_3600	ppm	0.7333	0.002	0.2711	0.7347	0.7319
Tl1908	190.856	{4 In2306	ppm	0.8788	0.0042	0.4743	0.8817	0.8758
V_2924	292.402	{1 Y_3600	ppm	1.478	0.0085	0.5777	1.484	1.472
Zn2062	206.200	{4 In2306	ppm	1.911	0.0016	0.084	1.91	1.912

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	156.41	1.1796	0.7542	157.24	155.57
In2306	230.606	{4 Cts/S	7326.2	38.737	0.52874	7298.8	7353.6
Y_2243	224.306	{4 Cts/S	13188	66.814	0.50663	13141	13235
Y_3600	360.073	{ 9 Cts/S	93473	64.035	0.06851	93428	93518
Y_3710	371.030	{ 9 Cts/S	11557	130.35	1.1279	11649	11465

[Sample Header]

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Custom ID1=
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Custom ID3=
Run Time=1/12/2012 15:31:07
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0007	0	5.574	0.0007	0.0008
Al3082	308.215	{1 In2306	ppm	0.0392	0.0093	23.83	0.0326	0.0458
As1890	189.042	{4 Y_2243	ppm	0.0055	0.0055	100.2	0.0016	0.0093
B_2496	249.678	{1 Y_3710	ppm	0.1208	0.0012	1.011	0.1199	0.1216
Ba4554	455.403	{ 7 Y_3710	ppm	0.0221	0.0001	0.6246	0.022	0.0222
Be3130	313.042	{1 Y_3710	ppm	0.0002	0	7.006	0.0002	0.0002
Ca3158	315.887	{1 In2306	ppm	0.2278	0.0759	33.33	0.2815	0.1741
Ca3181	318.128	{1 In2306	ppm	0.2242	0.0797	35.53	0.2806	0.1679
Cd2288	228.802	{4 Y_2243	ppm	0.0033	0.0037	111.9	0.0007	0.0058
Co2286	228.616	{4 In2306	ppm	0.0061	0.0066	107.5	0.0015	0.0108
Cr2677	267.716	{1 Y_3600	ppm	0.0001	0.0004	253.1	0.0004	-0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0004	0	11.76	0.0004	0.0003
Fe2404	240.488	{1 In2306	ppm	0.0353	0.009	25.55	0.0416	0.0289
K_7664	766.490	{ 4 Y_3710	ppm	0.1099	0.0024	2.219	0.1117	0.1082
K_7698	769.896	{ 4 Y_3710	ppm	0.0777	0.0027	3.451	0.0758	0.0796
Li6707	670.784	{ 5 Y_3710	ppm	0.0013	0.0001	7.468	0.0014	0.0012
Mg2790	279.079	{1 Y_3710	ppm	-0.0024	0.0164	670.5	-0.0141	0.0092
Mn2576	257.610	{1 Y_3600	ppm	0.0008	0	4.86	0.0007	0.0008
Mn2576-2	257.610	{1 Y_3710	ppm	0.001	0.0001	8.578	0.001	0.0009
Mo2020	202.030	{4 Y_2243	ppm	0.0072	0.0062	86.19	0.0028	0.0115
Na5895	589.592	{ 5 Y_3710	ppm	0.0172	0.0004	2.397	0.0175	0.0169
Na8183	818.326	{ 4 Y_3710	ppm	0.3516	0.1007	28.64	0.4228	0.2804
Ni2316	231.604	{4 In2306	ppm	0.0075	0.0075	100.1	0.0022	0.0127
P_1782	178.284	{4 In2306	ppm	0.0788	0.0824	104.5	0.0206	0.1371
Pb2203	220.353	{4 In2306	ppm	0.0471	0.0531	112.7	0.0096	0.0846
S_1820	182.034	{4 Y_2243	ppm	-12.06	7.423	61.55	-6.811	-17.31
Sb2068	206.833	{4 Y_2243	ppm	0.0097	0.0025	25.88	0.0079	0.0115
Se1960	196.090	{4 Y_2243	ppm	0.0039	0.005	128.1	0.0004	0.0075
Si2516	251.611	{1 Y_3710	ppm	0.0252	0.0117	46.23	0.017	0.0334
Sn1899	189.989	{4 In2306	ppm	0.0101	0.0064	63.23	0.0056	0.0147
Sr4215	421.552	{ 8 Y_3710	ppm	0.0026	0.0002	9.241	0.0027	0.0024
Ti3349	334.904	{1 Y_3600	ppm	0.0018	0.0003	15.8	0.0016	0.002
Tl1908	190.856	{4 In2306	ppm	0.0055	0.008	145.2	-0.0001	0.0112
V_2924	292.402	{1 Y_3600	ppm	0	0.0005	3535	-0.0004	0.0003
Zn2062	206.200	{4 In2306	ppm	0.0192	0.0107	55.84	0.0116	0.0268

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	170.41	2.1314	1.2508	168.9	171.91
In2306	230.606	{4 Cts/S	10599	231.31	2.1824	10763	10435
Y_2243	224.306	{4 Cts/S	13700	160.27	1.1698	13814	13587
Y_3600	360.073	{ 9 Cts/S	103670	90.923	0.08771	103730	103600
Y_3710	371.030	{ 9 Cts/S	12044	10.005	0.08307	12051	12037

[Sample Header]

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:33:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0001	72.72	0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.0203	0.006	29.59	0.0245	0.016
As1890	189.042	{4 Y_2243	ppm	0.0005	0.0003	64.77	0.0007	0.0003
B_2496	249.678	{1 Y_3710	ppm	0.0022	0.005	227.1	-0.0013	0.0058
Ba4554	455.403	{ 7 Y_3710	ppm	0.005	0.0001	1.095	0.005	0.0051
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	630.3	0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.0841	0.0037	4.402	0.0867	0.0815
Ca3181	318.128	{1 In2306	ppm	0.085	0.0058	6.791	0.0809	0.089
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0002	189.4	0	0.0003
Co2286	228.616	{4 In2306	ppm	0.0003	0.0004	129.3	0	0.0006
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0003	93.24	-0.0001	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0003	0.0001	41.66	0.0002	0.0004
Fe2404	240.488	{1 In2306	ppm	-0.0018	0.0043	241	0.0012	-0.0048
K_7664	766.490	{ 4 Y_3710	ppm	0.0076	0	0.2	0.0076	0.0076
K_7698	769.896	{ 4 Y_3710	ppm	-0.0231	0.0115	49.87	-0.0313	-0.015
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0005	860.2	0.0003	-0.0004
Mg2790	279.079	{1 Y_3710	ppm	-0.0224	0.0129	57.24	-0.0315	-0.0134
Mn2576	257.610	{1 Y_3600	ppm	0.0004	0	1.509	0.0004	0.0004
Mn2576-2	257.610	{1 Y_3710	ppm	0.0005	0.0003	69.65	0.0002	0.0007
Mo2020	202.030	{4 Y_2243	ppm	0.0007	0.0003	36.95	0.0005	0.0009
Na5895	589.592	{ 5 Y_3710	ppm	0.0301	0.0059	19.65	0.0343	0.026
Na8183	818.326	{ 4 Y_3710	ppm	0.6612	0.0739	11.18	0.7135	0.6089
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0005	111.2	0.0001	0.0008
P_1782	178.284	{4 In2306	ppm	0.01	0.0049	48.59	0.0066	0.0135
Pb2203	220.353	{4 In2306	ppm	0.0031	0.0024	76.87	0.0014	0.0047
S_1820	182.034	{4 Y_2243	ppm	-5.93	0.1963	3.31	-6.069	-5.792
Sb2068	206.833	{4 Y_2243	ppm	0.0012	0.0012	101.4	0.0003	0.002
Se1960	196.090	{4 Y_2243	ppm	0.0028	0.0015	52.64	0.0039	0.0018
Si2516	251.611	{1 Y_3710	ppm	0.0114	0.0084	73.98	0.0054	0.0174
Sn1899	189.989	{4 In2306	ppm	0.0039	0.0006	15.21	0.0035	0.0043
Sr4215	421.552	{ 8 Y_3710	ppm	0.0016	0.0002	10.56	0.0015	0.0017
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0.0003	181.4	0.0004	0
Tl1908	190.856	{4 In2306	ppm	-0.0021	0.0005	22.91	-0.0024	-0.0017
V_2924	292.402	{1 Y_3600	ppm	0.0003	0.0001	37.4	0.0002	0.0004
Zn2062	206.200	{4 In2306	ppm	0.0086	0.0009	10.02	0.008	0.0092

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	165.35	2.2669	1.371	163.74	166.95
In2306	230.606	{4 Cts/S	10894	171.07	1.5703	11015	10773
Y_2243	224.306	{4 Cts/S	13843	234.6	1.6947	14009	13678
Y_3600	360.073	{ 9 Cts/S	104010	389.74	0.37473	103730	104280
Y_3710	371.030	{ 9 Cts/S	12113	63.767	0.52642	12068	12158

[Sample Header]

Method=ICP6500Metals_TRY3(v611)
SampleName=600-48542-A-3-A@10
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:36:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0005	0.0001	28.31	0.0006	0.0004
Al3082	308.215	{1 In2306	ppm	0.788	0.033	4.183	0.7647	0.8113
As1890	189.042	{4 Y_2243	ppm	-0.0004	0.0005	123.9	-0.0001	-0.0008
B_2496	249.678	{1 Y_3710	ppm	0.0042	0.0024	56.57	0.0059	0.0025
Ba4554	455.403	{ 7 Y_3710	ppm	4.23	0.0405	0.958	4.201	4.258
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	17.57	0.0002	0.0001
Ca3158	315.887	{1 In2306	ppm	1.045	0.0308	2.947	1.023	1.067
Ca3181	318.128	{1 In2306	ppm	1.043	0.063	6.044	0.9981	1.087
Cd2288	228.802	{4 Y_2243	ppm	0	0	371	0	0
Co2286	228.616	{4 In2306	ppm	0.0008	0.0002	20.37	0.0007	0.0009
Cr2677	267.716	{1 Y_3600	ppm	0.0011	0.0002	17.03	0.0009	0.0012
Cu3247	324.754	{1 Y_3600	ppm	0.0353	0.0005	1.373	0.035	0.0357
Fe2404	240.488	{1 In2306	ppm	0.7919	0.0094	1.189	0.7853	0.7986
K_7664	766.490	{ 4 Y_3710	ppm	0.1306	0.0359	27.51	0.156	0.1052
K_7698	769.896	{ 4 Y_3710	ppm	0.1236	0.1274	103.1	0.2137	0.0335
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0003	83.4	0.0002	0.0007
Mg2790	279.079	{1 Y_3710	ppm	0.2856	0.0377	13.2	0.2589	0.3122
Mn2576	257.610	{1 Y_3600	ppm	0.0299	0.0001	0.2089	0.0299	0.03
Mn2576-2	257.610	{1 Y_3710	ppm	0.0287	0.0028	9.603	0.0306	0.0267
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	87.91	0.0001	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.1125	0.0012	1.101	0.1134	0.1117
Na8183	818.326	{ 4 Y_3710	ppm	0.3948	0.1623	41.09	0.5096	0.2801
Ni2316	231.604	{4 In2306	ppm	0.0009	0.0003	35.53	0.0007	0.0011
P_1782	178.284	{4 In2306	ppm	0.1143	0.0003	0.2838	0.1141	0.1145
Pb2203	220.353	{4 In2306	ppm	0.0072	0.0006	9.065	0.0076	0.0067
S_1820	182.034	{4 Y_2243	ppm	-904.2	8.328	0.921	-910.1	-898.3
Sb2068	206.833	{4 Y_2243	ppm	0.001	0.0002	15.2	0.0009	0.0011
Se1960	196.090	{4 Y_2243	ppm	0.0015	0.0009	59.93	0.0008	0.0021
Si2516	251.611	{1 Y_3710	ppm	0.2781	0.0165	5.917	0.2664	0.2897
Sn1899	189.989	{4 In2306	ppm	0.0034	0.0001	3.021	0.0033	0.0034
Sr4215	421.552	{ 8 Y_3710	ppm	8.26	0.0655	0.7933	8.214	8.306
Ti3349	334.904	{1 Y_3600	ppm	0.0287	0.0006	1.985	0.0291	0.0283
Tl1908	190.856	{4 In2306	ppm	0	0.0013	6505	0.0009	-0.001
V_2924	292.402	{1 Y_3600	ppm	0.0017	0.0001	4.264	0.0018	0.0017
Zn2062	206.200	{4 In2306	ppm	0.0224	0	0.0142	0.0224	0.0224

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	168.18	2.1792	1.2958	169.72	166.64
In2306	230.606	{4 Cts/S	10676	36.079	0.33795	10701	10650
Y_2243	224.306	{4 Cts/S	13702	14.875	0.10857	13712	13691
Y_3600	360.073	{ 9 Cts/S	103220	360.85	0.3496	102960	103470
Y_3710	371.030	{ 9 Cts/S	12059	119.55	0.99137	12144	11975

[Sample Header]

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:39:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0002	63.95	0.0004	0.0001
Al3082	308.215	{1 In2306	ppm	0.1575	0.0135	8.547	0.148	0.167
As1890	189.042	{4 Y_2243	ppm	0.0003	0.0006	176	0.0007	-0.0001
B_2496	249.678	{1 Y_3710	ppm	0.003	0.0043	145.3	-0.0001	0.0061
Ba4554	455.403	{ 7 Y_3710	ppm	0.4181	0.0033	0.796	0.4204	0.4157
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	32.4	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	69.99	0.5996	0.8567	69.56	70.41
Ca3181	318.128	{1 In2306	ppm	70.9	0.6544	0.9231	70.43	71.36
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	20.52	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0	0	92.02	0	0
Cr2677	267.716	{1 Y_3600	ppm	0.0003	0	9.575	0.0003	0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.001	0.0002	16.04	0.0011	0.0009
Fe2404	240.488	{1 In2306	ppm	0.0645	0.001	1.522	0.0652	0.0638
K_7664	766.490	{ 4 Y_3710	ppm	0.0001	0.0221	15780	0.0158	-0.0155
K_7698	769.896	{ 4 Y_3710	ppm	-0.0168	0.0259	154.4	-0.0351	0.0015
Li6707	670.784	{ 5 Y_3710	ppm	0.0007	0.0002	31.85	0.0006	0.0009
Mg2790	279.079	{1 Y_3710	ppm	0.5352	0.0009	0.1638	0.5346	0.5358
Mn2576	257.610	{1 Y_3600	ppm	0.0043	0.0002	4.486	0.0041	0.0044
Mn2576-2	257.610	{1 Y_3710	ppm	0.0037	0.0006	16.87	0.0042	0.0033
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0	10.15	0.0001	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.1229	0.0059	4.796	0.1271	0.1187
Na8183	818.326	{ 4 Y_3710	ppm	0.0741	0.0332	44.75	0.0976	0.0507
Ni2316	231.604	{4 In2306	ppm	0.0003	0.0001	26.59	0.0003	0.0004
P_1782	178.284	{4 In2306	ppm	0.0447	0.0014	3.13	0.0437	0.0457
Pb2203	220.353	{4 In2306	ppm	0.0016	0.0008	51.69	0.001	0.0022
S_1820	182.034	{4 Y_2243	ppm	-50.58	24.47	48.38	-33.28	-67.89
Sb2068	206.833	{4 Y_2243	ppm	-0.0009	0	1.294	-0.0009	-0.0009
Se1960	196.090	{4 Y_2243	ppm	0.0005	0.0009	197.2	0.0011	-0.0002
Si2516	251.611	{1 Y_3710	ppm	0.1366	0.0098	7.141	0.1435	0.1297
Sn1899	189.989	{4 In2306	ppm	0.0281	0.0017	5.944	0.0292	0.0269
Sr4215	421.552	{ 8 Y_3710	ppm	0.058	0.0005	0.8414	0.0583	0.0576
Ti3349	334.904	{1 Y_3600	ppm	0.0012	0.0007	57.88	0.0017	0.0007
Tl1908	190.856	{4 In2306	ppm	-0.002	0.002	100.7	-0.0006	-0.0034
V_2924	292.402	{1 Y_3600	ppm	0.0002	0.0002	107.3	0.0003	0
Zn2062	206.200	{4 In2306	ppm	0.0077	0.0004	4.583	0.0074	0.0079

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	164.38	1.7571	1.0689	165.62	163.14
In2306	230.606	{4 Cts/S	10009	59.436	0.59384	9966.7	10051
Y_2243	224.306	{4 Cts/S	13040	33.723	0.25862	13016	13063
Y_3600	360.073	{ 9 Cts/S	100260	3490.9	3.482	102720	97788
Y_3710	371.030	{ 9 Cts/S	11946	41.977	0.35138	11917	11976

[Sample Header]

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:41:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2484	0.0014	0.5827	0.2474	0.2495
Al3082	308.215	{1 In2306	ppm	2.607	0.0131	0.5019	2.616	2.598
As1890	189.042	{4 Y_2243	ppm	0.4753	0.0126	2.659	0.4664	0.4842
B_2496	249.678	{1 Y_3710	ppm	0.4666	0.0082	1.763	0.4724	0.4608
Ba4554	455.403	{ 7 Y_3710	ppm	0.5057	0.0012	0.2332	0.5048	0.5065
Be3130	313.042	{1 Y_3710	ppm	0.4838	0.0006	0.1198	0.4842	0.4834
Ca3158	315.887	{1 In2306	ppm	13.06	0.2295	1.757	13.23	12.9
Ca3181	318.128	{1 In2306	ppm	13.12	0.2016	1.536	13.27	12.98
Cd2288	228.802	{4 Y_2243	ppm	0.4749	0.0079	1.656	0.4693	0.4804
Co2286	228.616	{4 In2306	ppm	0.4818	0.0086	1.78	0.4757	0.4879
Cr2677	267.716	{1 Y_3600	ppm	0.4917	0.0014	0.2782	0.4927	0.4907
Cu3247	324.754	{1 Y_3600	ppm	0.4975	0.0015	0.311	0.4986	0.4964
Fe2404	240.488	{1 In2306	ppm	2.514	0.0385	1.533	2.541	2.487
K_7664	766.490	{ 4 Y_3710	ppm	13.2	0.1256	0.9517	13.11	13.28
K_7698	769.896	{ 4 Y_3710	ppm	13.08	0.1554	1.189	12.97	13.19
Li6707	670.784	{ 5 Y_3710	ppm	0.5214	0.0082	1.577	0.5156	0.5272
Mg2790	279.079	{1 Y_3710	ppm	4.795	0.0726	1.513	4.846	4.744
Mn2576	257.610	{1 Y_3600	ppm	0.4907	0.001	0.204	0.49	0.4914
Mn2576-2	257.610	{1 Y_3710	ppm	0.4581	0.005	1.102	0.4617	0.4545
Mo2020	202.030	{4 Y_2243	ppm	0.4816	0.0054	1.124	0.4777	0.4854
Na5895	589.592	{ 5 Y_3710	ppm	13.18	0.1647	1.25	13.06	13.29
Na8183	818.326	{ 4 Y_3710	ppm	13.19	0.0172	0.1302	13.18	13.2
Ni2316	231.604	{4 In2306	ppm	0.4726	0.009	1.912	0.4662	0.479
P_1782	178.284	{4 In2306	ppm	-0.0008	0.0011	126.9	-0.0001	-0.0016
Pb2203	220.353	{4 In2306	ppm	0.4748	0.0104	2.19	0.4674	0.4821
S_1820	182.034	{4 Y_2243	ppm	-217.5	3.974	1.827	-214.7	-220.3
Sb2068	206.833	{4 Y_2243	ppm	0.4648	0.0066	1.417	0.4601	0.4694
Se1960	196.090	{4 Y_2243	ppm	0.4837	0.0085	1.75	0.4777	0.4897
Si2516	251.611	{1 Y_3710	ppm	0.8555	0.0176	2.055	0.8431	0.868
Sn1899	189.989	{4 In2306	ppm	0.4909	0.008	1.638	0.4852	0.4966
Sr4215	421.552	{ 8 Y_3710	ppm	0.2529	0.0005	0.216	0.2525	0.2532
Ti3349	334.904	{1 Y_3600	ppm	0.5056	0.0014	0.2778	0.5046	0.5066
Tl1908	190.856	{4 In2306	ppm	0.4798	0.0063	1.31	0.4753	0.4842
V_2924	292.402	{1 Y_3600	ppm	0.5092	0.001	0.2023	0.5085	0.51
Zn2062	206.200	{4 In2306	ppm	0.4769	0.0092	1.919	0.4704	0.4834

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	167.83	0.50249	0.2994	167.48	168.19
In2306	230.606	{4 Cts/S	10280	184.55	1.7952	10411	10150
Y_2243	224.306	{4 Cts/S	13678	243.53	1.7805	13850	13505
Y_3600	360.073	{ 9 Cts/S	100780	5.2182	0.00518	100780	100790
Y_3710	371.030	{ 9 Cts/S	12122	13.733	0.11329	12112	12132

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:44:20
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0057	0.0004	6.33	0.006	0.0055
Al3082	308.215	{1 In2306	ppm	0.0941	0.0311	33.01	0.116	0.0721
As1890	189.042	{4 Y_2243	ppm	0.0094	0.0017	17.64	0.0082	0.0106
B_2496	249.678	{1 Y_3710	ppm	0.0118	0.0046	39.2	0.0085	0.0151
Ba4554	455.403	{ 7 Y_3710	ppm	0.0098	0.0002	1.531	0.0097	0.0099
Be3130	313.042	{1 Y_3710	ppm	0.0048	0.0001	1.275	0.0049	0.0048
Ca3158	315.887	{1 In2306	ppm	0.1063	0.0047	4.456	0.1097	0.103
Ca3181	318.128	{1 In2306	ppm	0.1041	0.0347	33.33	0.0796	0.1287
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0009	15.8	0.0048	0.006
Co2286	228.616	{4 In2306	ppm	0.0103	0.0009	8.755	0.0097	0.011
Cr2677	267.716	{1 Y_3600	ppm	0.01	0	0.027	0.01	0.01
Cu3247	324.754	{1 Y_3600	ppm	0.0101	0.0004	4.245	0.0104	0.0098
Fe2404	240.488	{1 In2306	ppm	0.0971	0.0023	2.341	0.0988	0.0955
K_7664	766.490	{ 4 Y_3710	ppm	0.6123	0.0069	1.123	0.6074	0.6172
K_7698	769.896	{ 4 Y_3710	ppm	0.603	0.0391	6.478	0.5754	0.6307
Li6707	670.784	{ 5 Y_3710	ppm	0.0098	0	0.0857	0.0098	0.0098
Mg2790	279.079	{1 Y_3710	ppm	0.0948	0.002	2.089	0.0934	0.0962
Mn2576	257.610	{1 Y_3600	ppm	0.0102	0.0002	2.132	0.0103	0.01
Mn2576-2	257.610	{1 Y_3710	ppm	0.0091	0.0002	2.169	0.0093	0.009
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0012	10.76	0.0106	0.0123
Na5895	589.592	{ 5 Y_3710	ppm	0.6038	0.0016	0.264	0.6027	0.605
Na8183	818.326	{ 4 Y_3710	ppm	1.003	0.0086	0.854	0.9967	1.009
Ni2316	231.604	{4 In2306	ppm	0.0105	0.0007	6.887	0.01	0.011
P_1782	178.284	{4 In2306	ppm	0.0085	0.0012	14.65	0.0094	0.0076
Pb2203	220.353	{4 In2306	ppm	0.0119	0.0009	7.457	0.0113	0.0125
S_1820	182.034	{4 Y_2243	ppm	0.7566	0.65	85.92	1.216	0.2969
Sb2068	206.833	{4 Y_2243	ppm	0.0149	0.0001	0.9545	0.0148	0.015
Se1960	196.090	{4 Y_2243	ppm	0.0092	0.0016	16.88	0.0081	0.0103
Si2516	251.611	{1 Y_3710	ppm	0.0104	0.0017	16.06	0.0093	0.0116
Sn1899	189.989	{4 In2306	ppm	0.0111	0.0011	9.869	0.0103	0.0119
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0.0002	4.357	0.0046	0.0048
Ti3349	334.904	{1 Y_3600	ppm	0.0098	0.0023	23.88	0.0115	0.0082
Tl1908	190.856	{4 In2306	ppm	0.0093	0.0006	6.594	0.0097	0.0088
V_2924	292.402	{1 Y_3600	ppm	0.0101	0.0004	3.83	0.0099	0.0104
Zn2062	206.200	{4 In2306	ppm	0.0101	0.001	9.575	0.0095	0.0108

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	174.38	1.9134	1.0973	173.02	175.73
In2306	230.606	{4 Cts/S	10671	23.139	0.21685	10655	10687
Y_2243	224.306	{4 Cts/S	13679	41.559	0.30382	13649	13708
Y_3600	360.073	{ 9 Cts/S	103670	776.99	0.74951	103120	104220
Y_3710	371.030	{ 9 Cts/S	12457	37.155	0.29827	12483	12431

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:46:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0003	106.2	0.0001	0.0006
Al3082	308.215	{1 In2306	ppm	0.008	0.0056	70.38	0.012	0.004
As1890	189.042	{4 Y_2243	ppm	-0.0013	0.0014	109.2	-0.0003	-0.0024
B_2496	249.678	{1 Y_3710	ppm	-0.0018	0.0033	183.1	-0.0042	0.0005
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0001	124.6	-0.0001	0
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	77.73	0.0001	0
Ca3158	315.887	{1 In2306	ppm	0.0058	0.0033	57.06	0.0034	0.0081
Ca3181	318.128	{1 In2306	ppm	-0.0251	0.0407	162.4	0.0037	-0.0539
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	3.901	0	0.0001
Co2286	228.616	{4 In2306	ppm	-0.0001	0	70.91	-0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	0	0.0002	648.4	-0.0001	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0004	0.0002	38.7	0.0005	0.0003
Fe2404	240.488	{1 In2306	ppm	-0.0013	0.0044	351.9	-0.0044	0.0019
K_7664	766.490	{ 4 Y_3710	ppm	-0.0245	0.0035	14.46	-0.027	-0.022
K_7698	769.896	{ 4 Y_3710	ppm	-0.0074	0.0014	18.29	-0.0065	-0.0084
Li6707	670.784	{ 5 Y_3710	ppm	0.0001	0	34.21	0.0001	0.0001
Mg2790	279.079	{1 Y_3710	ppm	0.0263	0.0324	123.2	0.0492	0.0034
Mn2576	257.610	{1 Y_3600	ppm	0	0	534.4	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0003	0.0001	26.78	0.0003	0.0002
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0002	273.6	-0.0001	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	-0.0018	0.0002	13.36	-0.0019	-0.0016
Na8183	818.326	{ 4 Y_3710	ppm	0.053	0.0931	175.4	0.1189	-0.0128
Ni2316	231.604	{4 In2306	ppm	0.0005	0	10.11	0.0004	0.0005
P_1782	178.284	{4 In2306	ppm	-0.0005	0.0002	33.43	-0.0006	-0.0004
Pb2203	220.353	{4 In2306	ppm	0.0016	0.0001	6.903	0.0017	0.0016
S_1820	182.034	{4 Y_2243	ppm	0.5517	0.0103	1.868	0.559	0.5444
Sb2068	206.833	{4 Y_2243	ppm	-0.0004	0.0001	31.82	-0.0003	-0.0005
Se1960	196.090	{4 Y_2243	ppm	-0.0004	0.0002	49.57	-0.0003	-0.0006
Si2516	251.611	{1 Y_3710	ppm	0.0076	0.0023	29.84	0.006	0.0092
Sn1899	189.989	{4 In2306	ppm	-0.0001	0.0001	75.88	-0.0002	-0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	0	0	126.5	0	0
Ti3349	334.904	{1 Y_3600	ppm	0.0007	0.0003	35.98	0.0009	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0002	116.8	0	0.0004
V_2924	292.402	{1 Y_3600	ppm	0	0.0001	532	0	-0.0001
Zn2062	206.200	{4 In2306	ppm	0	0.0001	411.2	-0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	170.43	1.8806	1.1034	169.1	171.76
In2306	230.606	{4 Cts/S	10706	18.989	0.17737	10693	10720
Y_2243	224.306	{4 Cts/S	13578	3.4963	0.02575	13576	13581
Y_3600	360.073	{ 9 Cts/S	103110	218.23	0.21165	102950	103260
Y_3710	371.030	{ 9 Cts/S	12213	30.201	0.24727	12192	12235

[Sample Header]

Method=ICP6500Metals_TRY3(v611)
SampleName=600-48542-A-5-A@10
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:49:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0006	0	5.836	0.0006	0.0006
Al3082	308.215	{1 In2306	ppm	-0.0253	0.0206	81.53	-0.0399	-0.0107
As1890	189.042	{4 Y_2243	ppm	-0.0011	0.0011	98.22	-0.0003	-0.0018
B_2496	249.678	{1 Y_3710	ppm	0.0024	0.0036	147.5	0.0049	-0.0001
Ba4554	455.403	{ 7 Y_3710	ppm	0.0064	0.0006	9.287	0.0059	0.0068
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	274	0.0001	0
Ca3158	315.887	{1 In2306	ppm	0.0562	0.0006	1.092	0.0566	0.0557
Ca3181	318.128	{1 In2306	ppm	0.0556	0.007	12.56	0.0506	0.0605
Cd2288	228.802	{4 Y_2243	ppm	0	0	318.3	0	0
Co2286	228.616	{4 In2306	ppm	-0.0001	0.0001	54.63	-0.0001	-0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0001	0.0003	315.5	0.0001	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0003	0.0001	22.47	0.0003	0.0002
Fe2404	240.488	{1 In2306	ppm	-0.0007	0.003	435	-0.0028	0.0014
K_7664	766.490	{ 4 Y_3710	ppm	-0.0256	0.0177	69.4	-0.013	-0.0381
K_7698	769.896	{ 4 Y_3710	ppm	-0.036	0.0157	43.65	-0.0249	-0.0472
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0004	296.3	0.0001	-0.0004
Mg2790	279.079	{1 Y_3710	ppm	0.0077	0.0491	634.6	0.0425	-0.027
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	14.18	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0005	0.0007	142	-0.0009	0
Mo2020	202.030	{4 Y_2243	ppm	-0.0001	0.0001	64.9	-0.0002	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0185	0.003	16.34	0.0163	0.0206
Na8183	818.326	{ 4 Y_3710	ppm	0.3431	0.0512	14.93	0.3793	0.3069
Ni2316	231.604	{4 In2306	ppm	0	0.0002	583.6	0.0001	-0.0002
P_1782	178.284	{4 In2306	ppm	0.006	0.0002	3.204	0.0058	0.0061
Pb2203	220.353	{4 In2306	ppm	0.0013	0.0005	41.71	0.0009	0.0017
S_1820	182.034	{4 Y_2243	ppm	-2.441	0.0374	1.533	-2.415	-2.468
Sb2068	206.833	{4 Y_2243	ppm	-0.0018	0.0011	59.13	-0.0026	-0.001
Se1960	196.090	{4 Y_2243	ppm	0.0025	0.0002	8.56	0.0026	0.0023
Si2516	251.611	{1 Y_3710	ppm	0.0178	0.0053	29.77	0.014	0.0215
Sn1899	189.989	{4 In2306	ppm	0.0035	0.0001	1.851	0.0035	0.0034
Sr4215	421.552	{ 8 Y_3710	ppm	0.0003	0.0003	81.63	0.0001	0.0005
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0002	43.6	0.0005	0.0002
Tl1908	190.856	{4 In2306	ppm	-0.0012	0	0.4392	-0.0012	-0.0012
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0003	414	-0.0003	0.0002
Zn2062	206.200	{4 In2306	ppm	0.0101	0.0003	2.808	0.0103	0.0099

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	160.82	9.6928	6.0273	167.67	153.96
In2306	230.606	{4 Cts/S	10775	35.787	0.33214	10749	10800
Y_2243	224.306	{4 Cts/S	13428	8.95	0.06665	13434	13422
Y_3600	360.073	{ 9 Cts/S	103560	436.37	0.42135	103250	103870
Y_3710	371.030	{ 9 Cts/S	11904	802.18	6.7388	12471	11337

[Sample Header]

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:52:23
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0004	162	0	0.0006
Al3082	308.215	{1 In2306	ppm	1.837	0.064	3.482	1.882	1.792
As1890	189.042	{4 Y_2243	ppm	0.0003	0.0015	481.4	0.0014	-0.0008
B_2496	249.678	{1 Y_3710	ppm	0.0003	0.0041	1457	0.0032	-0.0026
Ba4554	455.403	{ 7 Y_3710	ppm	1.07	0.0206	1.929	1.085	1.056
Be3130	313.042	{1 Y_3710	ppm	0.0003	0	12	0.0002	0.0003
Ca3158	315.887	{1 In2306	ppm	125.8	2.313	1.839	127.4	124.1
Ca3181	318.128	{1 In2306	ppm	126.2	2.423	1.919	128	124.5
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	394.3	0	-0.0001
Co2286	228.616	{4 In2306	ppm	0	0	168.9	0	0
Cr2677	267.716	{1 Y_3600	ppm	0.0009	0	5.012	0.0009	0.0009
Cu3247	324.754	{1 Y_3600	ppm	0.0043	0.0004	9.609	0.004	0.0045
Fe2404	240.488	{1 In2306	ppm	0.0878	0.0013	1.445	0.0869	0.0887
K_7664	766.490	{ 4 Y_3710	ppm	0.0481	0.0122	25.34	0.0395	0.0567
K_7698	769.896	{ 4 Y_3710	ppm	0.0738	0.0305	41.3	0.0954	0.0523
Li6707	670.784	{ 5 Y_3710	ppm	0.0012	0.0001	4.593	0.0012	0.0011
Mg2790	279.079	{1 Y_3710	ppm	1.044	0.058	5.551	1.085	1.003
Mn2576	257.610	{1 Y_3600	ppm	0.0073	0	0.58	0.0072	0.0073
Mn2576-2	257.610	{1 Y_3710	ppm	0.0064	0.0001	1.709	0.0063	0.0065
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0002	105.2	0	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.2962	0.0093	3.142	0.3028	0.2896
Na8183	818.326	{ 4 Y_3710	ppm	0.5821	0.0306	5.262	0.5605	0.6038
Ni2316	231.604	{4 In2306	ppm	0.001	0.0002	16.64	0.0009	0.0011
P_1782	178.284	{4 In2306	ppm	0.067	0.0018	2.694	0.0683	0.0658
Pb2203	220.353	{4 In2306	ppm	0.0017	0.0013	78.88	0.0026	0.0007
S_1820	182.034	{4 Y_2243	ppm	-71.21	1.569	2.203	-72.31	-70.1
Sb2068	206.833	{4 Y_2243	ppm	-0.0018	0.0011	60.06	-0.001	-0.0026
Se1960	196.090	{4 Y_2243	ppm	0	0.0015	3642	-0.001	0.0011
Si2516	251.611	{1 Y_3710	ppm	0.2079	0.0053	2.551	0.2117	0.2041
Sn1899	189.989	{4 In2306	ppm	0.0307	0.001	3.11	0.0314	0.03
Sr4215	421.552	{ 8 Y_3710	ppm	0.1077	0.002	1.849	0.1091	0.1063
Ti3349	334.904	{1 Y_3600	ppm	0.1286	0.0008	0.6407	0.1292	0.128
Tl1908	190.856	{4 In2306	ppm	-0.0005	0.001	192	0.0002	-0.0012
V_2924	292.402	{1 Y_3600	ppm	0.0006	0.0003	59.03	0.0008	0.0003
Zn2062	206.200	{4 In2306	ppm	0.0101	0.0002	1.949	0.0102	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	160.01	2.1134	1.3208	158.52	161.51
In2306	230.606	{4 Cts/S	9656.8	0.17994	0.00186	9656.6	9656.9
Y_2243	224.306	{4 Cts/S	12576	48.442	0.38521	12610	12541
Y_3600	360.073	{ 9 Cts/S	97927	240.45	0.24554	97757	98097
Y_3710	371.030	{ 9 Cts/S	11668	172.07	1.4747	11547	11790

[Sample Header]

Method=ICP6500Metals_TRY3(v611)
SampleName=600-48542-A-7-A@10
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:55:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0006	0.0001	14.39	0.0007	0.0006
Al3082	308.215	{1 In2306	ppm	0.003	0.0546	1803	0.0416	-0.0356
As1890	189.042	{4 Y_2243	ppm	0.0007	0.0004	61.97	0.0004	0.001
B_2496	249.678	{1 Y_3710	ppm	0.069	0.0088	12.81	0.0628	0.0753
Ba4554	455.403	{ 7 Y_3710	ppm	0.0479	0	0.0434	0.0479	0.0479
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	37.79	0.0002	0.0001
Ca3158	315.887	{1 In2306	ppm	0.0317	0.0026	8.307	0.0298	0.0336
Ca3181	318.128	{1 In2306	ppm	0.0004	0.0587	14890	-0.0411	0.0419
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0001	91.46	0	-0.0001
Co2286	228.616	{4 In2306	ppm	0	0	3020	0	0
Cr2677	267.716	{1 Y_3600	ppm	0.0006	0	2.539	0.0006	0.0006
Cu3247	324.754	{1 Y_3600	ppm	0.0003	0	13.18	0.0003	0.0004
Fe2404	240.488	{1 In2306	ppm	0.0466	0.003	6.521	0.0487	0.0444
K_7664	766.490	{ 4 Y_3710	ppm	-0.0268	0.011	41.17	-0.019	-0.0346
K_7698	769.896	{ 4 Y_3710	ppm	-0.0217	0.007	32.48	-0.0167	-0.0267
Li6707	670.784	{ 5 Y_3710	ppm	-0.0002	0.0002	150	-0.0003	0
Mg2790	279.079	{1 Y_3710	ppm	0.0218	0.0005	2.202	0.0215	0.0222
Mn2576	257.610	{1 Y_3600	ppm	0.0005	0	4.339	0.0005	0.0004
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0002	0	18.55	-0.0002	-0.0003
Mo2020	202.030	{4 Y_2243	ppm	-0.0002	0.0001	58.5	-0.0002	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0156	0.0019	11.9	0.017	0.0143
Na8183	818.326	{ 4 Y_3710	ppm	-0.001	0.043	4391	0.0294	-0.0314
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0002	33.25	0.0004	0.0006
P_1782	178.284	{4 In2306	ppm	0.0055	0.0006	10.24	0.0051	0.0059
Pb2203	220.353	{4 In2306	ppm	0.0014	0.0006	45.3	0.0009	0.0018
S_1820	182.034	{4 Y_2243	ppm	-7.708	0.5575	7.233	-7.313	-8.102
Sb2068	206.833	{4 Y_2243	ppm	-0.0009	0.0001	6.573	-0.0008	-0.0009
Se1960	196.090	{4 Y_2243	ppm	0.0022	0.0002	8.688	0.0024	0.0021
Si2516	251.611	{1 Y_3710	ppm	-0.0047	0.001	21.45	-0.004	-0.0054
Sn1899	189.989	{4 In2306	ppm	0.0028	0.0001	1.821	0.0027	0.0028
Sr4215	421.552	{ 8 Y_3710	ppm	0.0007	0	2.068	0.0006	0.0007
Ti3349	334.904	{1 Y_3600	ppm	0.0008	0	0.8755	0.0008	0.0008
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0003	151.7	0.0005	0
V_2924	292.402	{1 Y_3600	ppm	0.0002	0.0001	73.55	0.0001	0.0003
Zn2062	206.200	{4 In2306	ppm	0.0075	0.0001	1.902	0.0076	0.0074

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	166.49	0.85702	0.51477	165.88	167.09
In2306	230.606	{4 Cts/S	10872	27.417	0.25219	10852	10891
Y_2243	224.306	{4 Cts/S	13412	18.044	0.13454	13399	13424
Y_3600	360.073	{ 9 Cts/S	106370	234.32	0.22029	106210	106540
Y_3710	371.030	{ 9 Cts/S	12174	32.487	0.26685	12197	12151

[Sample Header]

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 15:57:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0004	485.8	-0.0002	0.0004
Al3082	308.215	{1 In2306	ppm	0.1196	0.0001	0.099	0.1195	0.1196
As1890	189.042	{4 Y_2243	ppm	-0.0016	0.0007	43	-0.0021	-0.0011
B_2496	249.678	{1 Y_3710	ppm	0.002	0.0005	24.09	0.0016	0.0023
Ba4554	455.403	{ 7 Y_3710	ppm	1.14	0.002	0.177	1.141	1.138
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	12.15	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	140.1	0.7282	0.5197	140.6	139.6
Ca3181	318.128	{1 In2306	ppm	140	0.9112	0.6508	140.7	139.4
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	61.16	0	-0.0001
Co2286	228.616	{4 In2306	ppm	-0.0001	0.0001	236	-0.0002	0
Cr2677	267.716	{1 Y_3600	ppm	0.0006	0.0001	22.71	0.0005	0.0007
Cu3247	324.754	{1 Y_3600	ppm	0.002	0.0002	11.8	0.0022	0.0018
Fe2404	240.488	{1 In2306	ppm	0.0516	0.0012	2.256	0.0508	0.0524
K_7664	766.490	{ 4 Y_3710	ppm	0.0014	0.0273	1970	0.0207	-0.0179
K_7698	769.896	{ 4 Y_3710	ppm	-0.027	0.0133	49.23	-0.0176	-0.0363
Li6707	670.784	{ 5 Y_3710	ppm	0.0015	0.0003	19.91	0.0013	0.0018
Mg2790	279.079	{1 Y_3710	ppm	1.087	0.0429	3.948	1.057	1.117
Mn2576	257.610	{1 Y_3600	ppm	0.007	0.0002	2.377	0.0071	0.0069
Mn2576-2	257.610	{1 Y_3710	ppm	0.007	0.0005	7.831	0.0066	0.0074
Mo2020	202.030	{4 Y_2243	ppm	0	0.0001	160.9	0	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0877	0.0014	1.595	0.0867	0.0887
Na8183	818.326	{ 4 Y_3710	ppm	0.3415	0.0188	5.498	0.3283	0.3548
Ni2316	231.604	{4 In2306	ppm	0.0007	0.0001	18.13	0.0006	0.0008
P_1782	178.284	{4 In2306	ppm	0.0422	0.001	2.324	0.0429	0.0415
Pb2203	220.353	{4 In2306	ppm	0.0026	0.0002	9.129	0.0024	0.0028
S_1820	182.034	{4 Y_2243	ppm	-83.58	1.448	1.733	-84.61	-82.56
Sb2068	206.833	{4 Y_2243	ppm	-0.0015	0.0003	19.56	-0.0013	-0.0017
Se1960	196.090	{4 Y_2243	ppm	0.0003	0.0001	21.19	0.0003	0.0002
Si2516	251.611	{1 Y_3710	ppm	0.1274	0.0011	0.83	0.1282	0.1267
Sn1899	189.989	{4 In2306	ppm	0.0289	0.0007	2.477	0.0294	0.0284
Sr4215	421.552	{ 8 Y_3710	ppm	0.1193	0.0008	0.6969	0.1199	0.1187
Ti3349	334.904	{1 Y_3600	ppm	0.0013	0.0005	35.52	0.0017	0.001
Tl1908	190.856	{4 In2306	ppm	-0.0011	0.0003	29.84	-0.0009	-0.0014
V_2924	292.402	{1 Y_3600	ppm	0.0006	0.0002	36.96	0.0005	0.0008
Zn2062	206.200	{4 In2306	ppm	0.0099	0.0001	1.301	0.01	0.0098

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	161.39	0.28328	0.17553	161.19	161.59
In2306	230.606	{4 Cts/S	9593.3	37.8	0.39403	9566.5	9620
Y_2243	224.306	{4 Cts/S	12414	10.525	0.08479	12407	12422
Y_3600	360.073	{ 9 Cts/S	101530	1414.6	1.3933	100530	102530
Y_3710	371.030	{ 9 Cts/S	11729	53.872	0.45929	11691	11767

[Sample Header]

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SampleName=600-48542-A-9-A@10
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 16:00:23
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0	13.14	0.0003	0.0003
Al3082	308.215	{1 In2306	ppm	0.3253	0.0125	3.857	0.3164	0.3341
As1890	189.042	{4 Y_2243	ppm	-0.0006	0.0004	66.9	-0.0003	-0.0009
B_2496	249.678	{1 Y_3710	ppm	0.002	0.0056	275.2	-0.0019	0.0059
Ba4554	455.403	{ 7 Y_3710	ppm	0.0022	0.0001	3.106	0.0022	0.0023
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	33.44	0.0002	0.0001
Ca3158	315.887	{1 In2306	ppm	0.4031	0.0097	2.413	0.41	0.3962
Ca3181	318.128	{1 In2306	ppm	0.3955	0.0298	7.539	0.4166	0.3744
Cd2288	228.802	{4 Y_2243	ppm	0	0	61.47	0	0
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	42.1	0.0002	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0004	0.0003	76.54	0.0002	0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0042	0.0001	3.074	0.0041	0.0043
Fe2404	240.488	{1 In2306	ppm	0.2989	0.0244	8.155	0.2817	0.3162
K_7664	766.490	{ 4 Y_3710	ppm	0.0025	0.0145	581.3	-0.0077	0.0127
K_7698	769.896	{ 4 Y_3710	ppm	-0.0728	0.0023	3.132	-0.0712	-0.0744
Li6707	670.784	{ 5 Y_3710	ppm	0.0001	0.0002	208.1	-0.0001	0.0003
Mg2790	279.079	{1 Y_3710	ppm	0.8637	0.0021	0.2418	0.8622	0.8652
Mn2576	257.610	{1 Y_3600	ppm	0.008	0.0002	2.143	0.0079	0.0081
Mn2576-2	257.610	{1 Y_3710	ppm	0.0073	0.0002	2.626	0.0072	0.0074
Mo2020	202.030	{4 Y_2243	ppm	-0.0001	0.0002	145.9	0	-0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.1659	0.0006	0.3739	0.1654	0.1663
Na8183	818.326	{ 4 Y_3710	ppm	0.3263	0.0385	11.8	0.299	0.3535
Ni2316	231.604	{4 In2306	ppm	0.0004	0.0001	25.45	0.0004	0.0003
P_1782	178.284	{4 In2306	ppm	0.0191	0.0002	0.9307	0.019	0.0192
Pb2203	220.353	{4 In2306	ppm	0.0016	0.0006	39.59	0.0012	0.0021
S_1820	182.034	{4 Y_2243	ppm	-8.626	0.2615	3.032	-8.441	-8.811
Sb2068	206.833	{4 Y_2243	ppm	-0.0016	0.0005	32.02	-0.0013	-0.002
Se1960	196.090	{4 Y_2243	ppm	-0.0004	0.0004	98.91	-0.0007	-0.0001
Si2516	251.611	{1 Y_3710	ppm	0.2135	0.0009	0.4129	0.2129	0.2141
Sn1899	189.989	{4 In2306	ppm	0.0027	0.0002	7.722	0.0028	0.0025
Sr4215	421.552	{ 8 Y_3710	ppm	0.0009	0	4.307	0.0009	0.0009
Ti3349	334.904	{1 Y_3600	ppm	0.0012	0.0003	21.85	0.0014	0.001
Tl1908	190.856	{4 In2306	ppm	-0.0011	0.0003	27.63	-0.0014	-0.0009
V_2924	292.402	{1 Y_3600	ppm	0.0022	0.0004	17.88	0.0024	0.0019
Zn2062	206.200	{4 In2306	ppm	0.01	0.0001	0.8553	0.01	0.0099

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	161.05	2.6397	1.6391	162.91	159.18
In2306	230.606	{4 Cts/S	10601	89.127	0.8407	10538	10664
Y_2243	224.306	{4 Cts/S	13037	111.43	0.8547	12958	13116
Y_3600	360.073	{ 9 Cts/S	106580	1659.3	1.5568	107760	105410
Y_3710	371.030	{ 9 Cts/S	12130	141.79	1.1689	12230	12030

[Sample Header]

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 16:03:05
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0001	39.68	0.0001	0.0002
Al3082	308.215	{1 In2306	ppm	110.2	1.45	1.316	111.2	109.2
As1890	189.042	{4 Y_2243	ppm	0.0581	0.0021	3.554	0.0595	0.0566
B_2496	249.678	{1 Y_3710	ppm	0.1205	0.0013	1.084	0.1196	0.1214
Ba4554	455.403	{ 7 Y_3710	ppm	1.623	0.0071	0.4394	1.628	1.618
Be3130	313.042	{1 Y_3710	ppm	0.005	0.0001	1.96	0.0051	0.0049
Ca3158	315.887	{1 In2306	ppm	1388	28.93	2.084	1409	1368
Ca3181	318.128	{1 In2306	ppm	1472	15.11	1.026	1483	1462
Cd2288	228.802	{4 Y_2243	ppm	0.0019	0	1.854	0.0018	0.0019
Co2286	228.616	{4 In2306	ppm	0.0517	0.001	1.854	0.0524	0.051
Cr2677	267.716	{1 Y_3600	ppm	0.8134	0.0013	0.1553	0.8143	0.8125
Cu3247	324.754	{1 Y_3600	ppm	0.1034	0.0004	0.3988	0.1031	0.1037
Fe2404	240.488	{1 In2306	ppm	110.4	1.448	1.312	111.4	109.4
K_7664	766.490	{ 4 Y_3710	ppm	8.718	0.086	0.986	8.779	8.657
K_7698	769.896	{ 4 Y_3710	ppm	8.864	0.079	0.8909	8.919	8.808
Li6707	670.784	{ 5 Y_3710	ppm	0.0658	0.0012	1.774	0.0667	0.065
Mg2790	279.079	{1 Y_3710	ppm	27.42	0.1714	0.6251	27.54	27.3
Mn2576	257.610	{1 Y_3600	ppm	7.24	0.0469	0.6482	7.273	7.207
Mn2576-2	257.610	{1 Y_3710	ppm	8.479	0.0264	0.3111	8.497	8.46
Mo2020	202.030	{4 Y_2243	ppm	0.023	0.0003	1.399	0.0232	0.0228
Na5895	589.592	{ 5 Y_3710	ppm	2.781	0.0389	1.398	2.809	2.754
Na8183	818.326	{ 4 Y_3710	ppm	3.043	0.0284	0.9328	3.063	3.023
Ni2316	231.604	{4 In2306	ppm	0.1689	0.0032	1.921	0.1712	0.1666
P_1782	178.284	{4 In2306	ppm	3.559	0.0505	1.419	3.594	3.523
Pb2203	220.353	{4 In2306	ppm	0.0547	0.0008	1.481	0.0553	0.0541
S_1820	182.034	{4 Y_2243	ppm	-6521	57.93	0.8883	-6562	-6480
Sb2068	206.833	{4 Y_2243	ppm	-0.0091	0.0019	21.31	-0.0077	-0.0104
Se1960	196.090	{4 Y_2243	ppm	0.0072	0.0013	17.69	0.0081	0.0063
Si2516	251.611	{1 Y_3710	ppm	4.549	0.0416	0.915	4.578	4.519
Sn1899	189.989	{4 In2306	ppm	0.0397	0.0014	3.61	0.0407	0.0387
Sr4215	421.552	{ 8 Y_3710	ppm	3.471	0.0153	0.4404	3.482	3.461
Ti3349	334.904	{1 Y_3600	ppm	2.595	0.0072	0.2783	2.59	2.6
Tl1908	190.856	{4 In2306	ppm	-0.0084	0.0011	13.45	-0.0076	-0.0092
V_2924	292.402	{1 Y_3600	ppm	0.2825	0	0.0028	0.2825	0.2825
Zn2062	206.200	{4 In2306	ppm	1.927	0.036	1.867	1.953	1.902

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	154.74	2.2217	1.4357	153.17	156.31
In2306	230.606	{4 Cts/S	7751.7	7.1588	0.09235	7746.6	7756.7
Y_2243	224.306	{4 Cts/S	12080	35.632	0.29498	12105	12054
Y_3600	360.073	{ 9 Cts/S	94281	252.1	0.26739	94460	94103
Y_3710	371.030	{ 9 Cts/S	10944	43.217	0.39491	10913	10974

[Sample Header]

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Custom ID2=
Custom ID3=
Run Time=1/12/2012 16:05:46
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.0004	81.53	0.0002	0.0007
Al3082	308.215	{1	In2306	ppm	103.5	0.0877	0.0847	103.6	103.4
As1890	189.042	{4	Y_2243	ppm	0.0555	0.0018	3.26	0.0567	0.0542
B_2496	249.678	{1	Y_3710	ppm	0.104	0.0026	2.536	0.1059	0.1021
Ba4554	455.403	{ 7	Y_3710	ppm	5.969	0.0433	0.7259	5.938	5.999
Be3130	313.042	{1	Y_3710	ppm	0.0048	0	0.7749	0.0047	0.0048
Ca3158	315.887	{1	In2306	ppm	1409	23.86	1.693	1426	1392
Ca3181	318.128	{1	In2306	ppm	1501	16.01	1.067	1512	1490
Cd2288	228.802	{4	Y_2243	ppm	0.0031	0.0001	3.44	0.0031	0.003
Co2286	228.616	{4	In2306	ppm	0.066	0.0023	3.411	0.0676	0.0645
Cr2677	267.716	{1	Y_3600	ppm	3.907	0.0009	0.0229	3.906	3.907
Cu3247	324.754	{1	Y_3600	ppm	0.1166	0.001	0.881	0.1174	0.1159
Fe2404	240.488	{1	In2306	ppm	117.4	1.446	1.231	118.5	116.4
K_7664	766.490	{ 4	Y_3710	ppm	10.45	0.0956	0.9149	10.38	10.51
K_7698	769.896	{ 4	Y_3710	ppm	10.56	0.0614	0.5811	10.52	10.61
Li6707	670.784	{ 5	Y_3710	ppm	0.0747	0.0004	0.497	0.075	0.0745
Mg2790	279.079	{1	Y_3710	ppm	27.98	0.1296	0.4631	27.89	28.07
Mn2576	257.610	{1	Y_3600	ppm	5.473	0.0062	0.113	5.477	5.469
Mn2576-2	257.610	{1	Y_3710	ppm	6.479	0.0201	0.3104	6.465	6.493
Mo2020	202.030	{4	Y_2243	ppm	0.0429	0.0012	2.742	0.0438	0.0421
Na5895	589.592	{ 5	Y_3710	ppm	2.634	0.0143	0.5427	2.624	2.644
Na8183	818.326	{ 4	Y_3710	ppm	2.799	0.0177	0.6341	2.812	2.786
Ni2316	231.604	{4	In2306	ppm	0.1856	0.005	2.714	0.1891	0.182
P_1782	178.284	{4	In2306	ppm	3.324	0.0838	2.52	3.384	3.265
Pb2203	220.353	{4	In2306	ppm	10.77	0.4844	4.498	11.11	10.43
S_1820	182.034	{4	Y_2243	ppm	-6353	131.5	2.069	-6446	-6260
Sb2068	206.833	{4	Y_2243	ppm	-0.0271	0.0008	3.073	-0.0266	-0.0277
Se1960	196.090	{4	Y_2243	ppm	0.0084	0.0012	13.97	0.0092	0.0076
Si2516	251.611	{1	Y_3710	ppm	4.697	0.0368	0.7832	4.671	4.723
Sn1899	189.989	{4	In2306	ppm	0.0404	0.0021	5.217	0.0419	0.0389
Sr4215	421.552	{ 8	Y_3710	ppm	3.597	0.0063	0.1739	3.593	3.602
Ti3349	334.904	{1	Y_3600	ppm	2.486	0.0078	0.3132	2.491	2.48
Tl1908	190.856	{4	In2306	ppm	-0.0079	0.0007	8.893	-0.0084	-0.0074
V_2924	292.402	{1	Y_3600	ppm	0.2723	0.0009	0.3269	0.2729	0.2717
Zn2062	206.200	{4	In2306	ppm	3.658	0.1293	3.536	3.749	3.566

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	151.58	1.3258	0.87464	150.64	152.52
In2306	230.606	{4	Cts/S	7643.3	118.75	1.5536	7559.3	7727.2
Y_2243	224.306	{4	Cts/S	11866	164.65	1.3876	11750	11983
Y_3600	360.073	{ 9	Cts/S	95192	170.02	0.17861	95072	95313
Y_3710	371.030	{ 9	Cts/S	10827	29.1	0.26877	10848	10807

[Sample Header]

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5104	0.0028	0.5484	0.5084	0.5124
Al3082	308.215	{1 In2306	ppm	138.9	3.301	2.377	141.2	136.5
As1890	189.042	{4 Y_2243	ppm	1.061	0.0122	1.154	1.07	1.052
B_2496	249.678	{1 Y_3710	ppm	1.113	0.0348	3.123	1.138	1.089
Ba4554	455.403	{ 7 Y_3710	ppm	2.916	0.1259	4.317	3.005	2.827
Be3130	313.042	{1 Y_3710	ppm	0.5168	0.0168	3.249	0.5286	0.5049
Ca3158	315.887	{1 In2306	ppm	1494	27.53	1.842	1514	1475
Ca3181	318.128	{1 In2306	ppm	1634	14.53	0.8895	1644	1624
Cd2288	228.802	{4 Y_2243	ppm	0.4851	0.0053	1.083	0.4888	0.4814
Co2286	228.616	{4 In2306	ppm	1.037	0.0092	0.8881	1.044	1.031
Cr2677	267.716	{1 Y_3600	ppm	1.439	0.0124	0.862	1.43	1.447
Cu3247	324.754	{1 Y_3600	ppm	1.04	0.0063	0.6102	1.036	1.044
Fe2404	240.488	{1 In2306	ppm	113.7	1.471	1.293	114.8	112.7
K_7664	766.490	{ 4 Y_3710	ppm	23.18	1.185	5.112	24.02	22.34
K_7698	769.896	{ 4 Y_3710	ppm	23.73	1.186	4.997	24.57	22.89
Li6707	670.784	{ 5 Y_3710	ppm	0.6463	0.0381	5.889	0.6732	0.6194
Mg2790	279.079	{1 Y_3710	ppm	37.08	0.9192	2.479	37.73	36.44
Mn2576	257.610	{1 Y_3600	ppm	7.158	0.0467	0.6519	7.125	7.191
Mn2576-2	257.610	{1 Y_3710	ppm	8.74	0.2623	3.001	8.925	8.554
Mo2020	202.030	{4 Y_2243	ppm	0.9336	0.0137	1.47	0.9433	0.9239
Na5895	589.592	{ 5 Y_3710	ppm	15.51	0.8161	5.261	16.09	14.94
Na8183	818.326	{ 4 Y_3710	ppm	16.03	0.7508	4.685	16.56	15.49
Ni2316	231.604	{4 In2306	ppm	1.156	0.0099	0.8563	1.163	1.149
P_1782	178.284	{4 In2306	ppm	4.005	0.0152	0.3787	4.016	3.994
Pb2203	220.353	{4 In2306	ppm	1.092	0.0523	4.789	1.055	1.129
S_1820	182.034	{4 Y_2243	ppm	-7309	36.68	0.5018	-7335	-7283
Sb2068	206.833	{4 Y_2243	ppm	0.3018	0.0089	2.961	0.3082	0.2955
Se1960	196.090	{4 Y_2243	ppm	1.018	0.014	1.378	1.028	1.009
Si2516	251.611	{1 Y_3710	ppm	5.648	0.1975	3.496	5.788	5.508
Sn1899	189.989	{4 In2306	ppm	0.9716	0.011	1.131	0.9794	0.9639
Sr4215	421.552	{ 8 Y_3710	ppm	4.843	0.1977	4.082	4.983	4.703
Ti3349	334.904	{1 Y_3600	ppm	4.248	0.02	0.4709	4.234	4.262
Tl1908	190.856	{4 In2306	ppm	0.931	0.0132	1.421	0.9403	0.9216
V_2924	292.402	{1 Y_3600	ppm	1.165	0.0113	0.9665	1.157	1.173
Zn2062	206.200	{4 In2306	ppm	2.371	0.0036	0.1534	2.369	2.374

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	152.2	2.5963	1.7059	150.36	154.04
In2306	230.606	{4 Cts/S	7618.9	14.221	0.18665	7608.9	7629
Y_2243	224.306	{4 Cts/S	11941	42.742	0.35795	11911	11971
Y_3600	360.073	{ 9 Cts/S	94296	214.78	0.22777	94448	94144
Y_3710	371.030	{ 9 Cts/S	10506	337.15	3.209	10268	10745

[Sample Header]

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 16:11:07
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.5091	0.0083	1.627	0.5149	0.5032
Al3082	308.215	{1	In2306	ppm	106.7	1.525	1.43	107.8	105.6
As1890	189.042	{4	Y_2243	ppm	1.044	0.0059	0.5647	1.048	1.04
B_2496	249.678	{1	Y_3710	ppm	1.015	0.0031	0.3057	1.013	1.017
Ba4554	455.403	{ 7	Y_3710	ppm	2.452	0.0029	0.1164	2.454	2.45
Be3130	313.042	{1	Y_3710	ppm	0.4969	0.0019	0.3742	0.4956	0.4983
Ca3158	315.887	{1	In2306	ppm	1332	18.69	1.404	1345	1318
Ca3181	318.128	{1	In2306	ppm	1372	23.09	1.683	1388	1356
Cd2288	228.802	{4	Y_2243	ppm	0.4863	0.0029	0.5998	0.4884	0.4843
Co2286	228.616	{4	In2306	ppm	1.022	0.0048	0.4667	1.025	1.018
Cr2677	267.716	{1	Y_3600	ppm	1.36	0.0214	1.576	1.375	1.345
Cu3247	324.754	{1	Y_3600	ppm	1.03	0.0168	1.628	1.042	1.018
Fe2404	240.488	{1	In2306	ppm	91.57	1.553	1.696	92.66	90.47
K_7664	766.490	{ 4	Y_3710	ppm	22.07	0.0466	0.2111	22.04	22.1
K_7698	769.896	{ 4	Y_3710	ppm	22.54	0.0027	0.0118	22.54	22.53
Li6707	670.784	{ 5	Y_3710	ppm	0.6211	0.0013	0.2061	0.6202	0.622
Mg2790	279.079	{1	Y_3710	ppm	34.28	0.1199	0.3499	34.2	34.37
Mn2576	257.610	{1	Y_3600	ppm	5.182	0.0981	1.894	5.251	5.112
Mn2576-2	257.610	{1	Y_3710	ppm	6.011	0.0002	0.0041	6.011	6.011
Mo2020	202.030	{4	Y_2243	ppm	0.9405	0.0067	0.7116	0.9453	0.9358
Na5895	589.592	{ 5	Y_3710	ppm	16.4	0.0578	0.3522	16.36	16.44
Na8183	818.326	{ 4	Y_3710	ppm	16.99	0.0753	0.4433	16.93	17.04
Ni2316	231.604	{4	In2306	ppm	1.101	0.0059	0.5323	1.105	1.097
P_1782	178.284	{4	In2306	ppm	2.577	0.0071	0.276	2.582	2.572
Pb2203	220.353	{4	In2306	ppm	1.012	0.0025	0.2481	1.013	1.01
S_1820	182.034	{4	Y_2243	ppm	-4776	10.35	0.2168	-4783	-4768
Sb2068	206.833	{4	Y_2243	ppm	0.3673	0.0036	0.9894	0.3699	0.3648
Se1960	196.090	{4	Y_2243	ppm	1.02	0.0043	0.4197	1.023	1.017
Si2516	251.611	{1	Y_3710	ppm	5.126	0.0098	0.1908	5.119	5.133
Sn1899	189.989	{4	In2306	ppm	0.9714	0.0045	0.461	0.9745	0.9682
Sr4215	421.552	{ 8	Y_3710	ppm	3.922	0.0018	0.0454	3.921	3.924
Ti3349	334.904	{1	Y_3600	ppm	2.813	0.0483	1.717	2.847	2.779
Tl1908	190.856	{4	In2306	ppm	0.9361	0.0047	0.5014	0.9394	0.9328
V_2924	292.402	{1	Y_3600	ppm	1.088	0.0186	1.71	1.101	1.075
Zn2062	206.200	{4	In2306	ppm	4.272	0.0218	0.5114	4.288	4.257

[Internal Standards]

Elem	WL		Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	150.09	2.0911	1.3932	148.61	151.57
In2306	230.606	{4	Cts/S	7829.6	49.883	0.63711	7794.4	7864.9
Y_2243	224.306	{4	Cts/S	12029	73.866	0.61405	11977	12081
Y_3600	360.073	{ 9	Cts/S	94758	1041.1	1.0987	94022	95494
Y_3710	371.030	{ 9	Cts/S	10820	38.337	0.35432	10847	10793

[Sample Header]

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 16:13:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.465	0.0009	0.1904	0.4644	0.4656
Al3082	308.215	{1 In2306	ppm	240.9	4.606	1.912	237.7	244.2
As1890	189.042	{4 Y_2243	ppm	1.148	0.0274	2.385	1.129	1.168
B_2496	249.678	{1 Y_3710	ppm	0.94	0.0058	0.6218	0.9441	0.9358
Ba4554	455.403	{ 7 Y_3710	ppm	2.821	0.0237	0.8394	2.838	2.804
Be3130	313.042	{1 Y_3710	ppm	0.4524	0.0024	0.5228	0.4541	0.4508
Ca3158	315.887	{1 In2306	ppm	2630	35.49	1.35	2605	2655
Ca3181	318.128	{1 In2306	ppm	2934	80.94	2.759	2877	2992
Cd2288	228.802	{4 Y_2243	ppm	0.4622	0.0121	2.625	0.4536	0.4708
Co2286	228.616	{4 In2306	ppm	1.098	0.0317	2.891	1.075	1.12
Cr2677	267.716	{1 Y_3600	ppm	0.921	0.0014	0.1515	0.922	0.92
Cu3247	324.754	{1 Y_3600	ppm	1.07	0.0079	0.7385	1.064	1.075
Fe2404	240.488	{1 In2306	ppm	323.7	8.707	2.69	317.6	329.9
K_7664	766.490	{ 4 Y_3710	ppm	31.98	0.2906	0.9086	32.18	31.77
K_7698	769.896	{ 4 Y_3710	ppm	32.88	0.3939	1.198	33.16	32.6
Li6707	670.784	{ 5 Y_3710	ppm	1.165	0.0118	1.017	1.174	1.157
Mg2790	279.079	{1 Y_3710	ppm	39.54	0.1194	0.3021	39.45	39.62
Mn2576	257.610	{1 Y_3600	ppm	5.521	0.0266	0.4814	5.502	5.54
Mn2576-2	257.610	{1 Y_3710	ppm	6.799	0.007	0.1035	6.804	6.794
Mo2020	202.030	{4 Y_2243	ppm	0.8179	0.0207	2.532	0.8033	0.8325
Na5895	589.592	{ 5 Y_3710	ppm	13.41	0.1288	0.9608	13.5	13.31
Na8183	818.326	{ 4 Y_3710	ppm	14.35	0.0836	0.5824	14.41	14.29
Ni2316	231.604	{4 In2306	ppm	1.356	0.0402	2.967	1.328	1.385
P_1782	178.284	{4 In2306	ppm	23.3	0.6023	2.584	22.88	23.73
Pb2203	220.353	{4 In2306	ppm	1.448	0.0394	2.721	1.42	1.476
S_1820	182.034	{4 Y_2243	ppm	-803.5	29.14	3.626	-782.9	-824.1
Sb2068	206.833	{4 Y_2243	ppm	0.9008	0.0167	1.853	0.889	0.9126
Se1960	196.090	{4 Y_2243	ppm	0.9379	0.0257	2.736	0.9197	0.956
Si2516	251.611	{1 Y_3710	ppm	16.77	0.1509	0.9001	16.87	16.66
Sn1899	189.989	{4 In2306	ppm	0.9909	0.0328	3.312	0.9677	1.014
Sr4215	421.552	{ 8 Y_3710	ppm	6.755	0.0785	1.162	6.81	6.699
Ti3349	334.904	{1 Y_3600	ppm	1.054	0.0014	0.1288	1.053	1.055
Tl1908	190.856	{4 In2306	ppm	0.9018	0.0289	3.207	0.8814	0.9223
V_2924	292.402	{1 Y_3600	ppm	1.484	0.0133	0.8991	1.474	1.493
Zn2062	206.200	{4 In2306	ppm	1.795	0.0655	3.65	1.749	1.841

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	143.77	2.6537	1.8458	145.64	141.89
In2306	230.606	{4 Cts/S	6781.8	152.7	2.2516	6889.8	6673.9
Y_2243	224.306	{4 Cts/S	12041	228.45	1.8973	12202	11879
Y_3600	360.073	{ 9 Cts/S	97925	442.63	0.452	98238	97612
Y_3710	371.030	{ 9 Cts/S	11113	96.899	0.87197	11044	11181

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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2428	0.0002	0.0653	0.2429	0.2427
Al3082	308.215	{1 In2306	ppm	2.652	0.0057	0.2131	2.648	2.656
As1890	189.042	{4 Y_2243	ppm	0.5076	0.0007	0.1284	0.5071	0.5081
B_2496	249.678	{1 Y_3710	ppm	0.466	0.0059	1.276	0.4702	0.4618
Ba4554	455.403	{ 7 Y_3710	ppm	0.5233	0.0001	0.0216	0.5234	0.5232
Be3130	313.042	{1 Y_3710	ppm	0.4859	0.002	0.417	0.4873	0.4844
Ca3158	315.887	{1 In2306	ppm	13.19	0.1211	0.9184	13.27	13.1
Ca3181	318.128	{1 In2306	ppm	13.07	0.0449	0.3433	13.1	13.03
Cd2288	228.802	{4 Y_2243	ppm	0.4937	0.0011	0.2308	0.4945	0.4929
Co2286	228.616	{4 In2306	ppm	0.4877	0.0031	0.6283	0.4856	0.4899
Cr2677	267.716	{1 Y_3600	ppm	0.4768	0.0017	0.3667	0.4781	0.4756
Cu3247	324.754	{1 Y_3600	ppm	0.4846	0.0001	0.0194	0.4846	0.4845
Fe2404	240.488	{1 In2306	ppm	2.481	0.0347	1.398	2.506	2.457
K_7664	766.490	{ 4 Y_3710	ppm	13.83	0.1138	0.8232	13.75	13.91
K_7698	769.896	{ 4 Y_3710	ppm	13.93	0.0464	0.3332	13.89	13.96
Li6707	670.784	{ 5 Y_3710	ppm	0.5658	0.0066	1.163	0.5612	0.5705
Mg2790	279.079	{1 Y_3710	ppm	4.738	0.0055	0.1166	4.734	4.742
Mn2576	257.610	{1 Y_3600	ppm	0.4813	0.0014	0.2981	0.4823	0.4802
Mn2576-2	257.610	{1 Y_3710	ppm	0.4676	0.0005	0.1164	0.4679	0.4672
Mo2020	202.030	{4 Y_2243	ppm	0.5222	0.0008	0.1579	0.5216	0.5228
Na5895	589.592	{ 5 Y_3710	ppm	14.11	0.1566	1.11	14	14.22
Na8183	818.326	{ 4 Y_3710	ppm	13.67	0.0421	0.308	13.7	13.64
Ni2316	231.604	{4 In2306	ppm	0.4948	0.0045	0.9106	0.4916	0.498
P_1782	178.284	{4 In2306	ppm	0.0597	0.0767	128.5	0.0054	0.1139
Pb2203	220.353	{4 In2306	ppm	0.4932	0.0048	0.9714	0.4898	0.4966
S_1820	182.034	{4 Y_2243	ppm	-238.1	2.849	1.196	-236.1	-240.1
Sb2068	206.833	{4 Y_2243	ppm	0.5188	0.0017	0.3353	0.5201	0.5176
Se1960	196.090	{4 Y_2243	ppm	0.5217	0.002	0.3767	0.5203	0.5231
Si2516	251.611	{1 Y_3710	ppm	0.9486	0.0073	0.7734	0.9435	0.9538
Sn1899	189.989	{4 In2306	ppm	0.4896	0.0045	0.9162	0.4864	0.4928
Sr4215	421.552	{ 8 Y_3710	ppm	0.2642	0.0004	0.1624	0.2645	0.2639
Ti3349	334.904	{1 Y_3600	ppm	0.4761	0.0015	0.3081	0.4772	0.4751
Tl1908	190.856	{4 In2306	ppm	0.5042	0.0005	0.103	0.5038	0.5046
V_2924	292.402	{1 Y_3600	ppm	0.4757	0.0002	0.0467	0.4758	0.4755
Zn2062	206.200	{4 In2306	ppm	0.4874	0.0086	1.772	0.4813	0.4935

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	162.5	0.80084	0.49283	161.93	163.07
In2306	230.606	{4 Cts/S	9992.2	78.012	0.78073	10047	9937.1
Y_2243	224.306	{4 Cts/S	12943	13.744	0.10619	12952	12933
Y_3600	360.073	{ 9 Cts/S	104630	73.387	0.07014	104580	104680
Y_3710	371.030	{ 9 Cts/S	11598	0.50545	0.00436	11598	11598

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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0055	0.0001	1.157	0.0055	0.0054
Al3082	308.215	{1 In2306	ppm	0.1124	0.0008	0.7314	0.113	0.1118
As1890	189.042	{4 Y_2243	ppm	0.0106	0.0033	30.96	0.0083	0.0129
B_2496	249.678	{1 Y_3710	ppm	0.0074	0.0014	19.34	0.0064	0.0084
Ba4554	455.403	{ 7 Y_3710	ppm	0.01	0.0001	0.701	0.0099	0.01
Be3130	313.042	{1 Y_3710	ppm	0.0047	0.0001	1.982	0.0048	0.0046
Ca3158	315.887	{1 In2306	ppm	0.1093	0.0041	3.748	0.1064	0.1122
Ca3181	318.128	{1 In2306	ppm	0.0906	0.008	8.859	0.0963	0.0849
Cd2288	228.802	{4 Y_2243	ppm	0.0067	0.0025	36.87	0.005	0.0085
Co2286	228.616	{4 In2306	ppm	0.0113	0.0026	23.14	0.0095	0.0132
Cr2677	267.716	{1 Y_3600	ppm	0.0099	0	0.2096	0.0099	0.0099
Cu3247	324.754	{1 Y_3600	ppm	0.0099	0.0006	5.568	0.0095	0.0103
Fe2404	240.488	{1 In2306	ppm	0.0875	0.0027	3.099	0.0894	0.0856
K_7664	766.490	{ 4 Y_3710	ppm	0.6489	0.0179	2.764	0.6616	0.6362
K_7698	769.896	{ 4 Y_3710	ppm	0.7279	0.0119	1.631	0.7363	0.7195
Li6707	670.784	{ 5 Y_3710	ppm	0.0108	0.0002	2.112	0.0106	0.0109
Mg2790	279.079	{1 Y_3710	ppm	0.1187	0.0171	14.41	0.1308	0.1066
Mn2576	257.610	{1 Y_3600	ppm	0.0101	0.0001	1.064	0.01	0.0102
Mn2576-2	257.610	{1 Y_3710	ppm	0.0097	0.0002	1.712	0.0096	0.0098
Mo2020	202.030	{4 Y_2243	ppm	0.014	0.0036	25.61	0.0115	0.0166
Na5895	589.592	{ 5 Y_3710	ppm	0.6634	0.009	1.361	0.6697	0.657
Na8183	818.326	{ 4 Y_3710	ppm	1.136	0.145	12.76	1.239	1.034
Ni2316	231.604	{4 In2306	ppm	0.0117	0.0028	23.82	0.0097	0.0137
P_1782	178.284	{4 In2306	ppm	0.0117	0.003	25.69	0.0096	0.0138
Pb2203	220.353	{4 In2306	ppm	0.0124	0.0019	15.18	0.0111	0.0137
S_1820	182.034	{4 Y_2243	ppm	-0.9483	0.7975	84.1	-0.3844	-1.512
Sb2068	206.833	{4 Y_2243	ppm	0.0217	0.0025	11.4	0.0199	0.0234
Se1960	196.090	{4 Y_2243	ppm	0.0104	0.0016	15.53	0.0092	0.0115
Si2516	251.611	{1 Y_3710	ppm	0.0154	0.0122	79.02	0.0068	0.024
Sn1899	189.989	{4 In2306	ppm	0.0126	0.0033	26.07	0.0103	0.0149
Sr4215	421.552	{ 8 Y_3710	ppm	0.0049	0.0001	1.543	0.005	0.0049
Ti3349	334.904	{1 Y_3600	ppm	0.0111	0.0002	2.006	0.011	0.0113
Tl1908	190.856	{4 In2306	ppm	0.0121	0.0044	36.35	0.009	0.0152
V_2924	292.402	{1 Y_3600	ppm	0.0095	0.0001	1.158	0.0095	0.0096
Zn2062	206.200	{4 In2306	ppm	0.0114	0.0027	23.65	0.0095	0.0133

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	166.07	1.2272	0.73896	165.2	166.94
In2306	230.606	{4 Cts/S	10638	94.926	0.89235	10705	10571
Y_2243	224.306	{4 Cts/S	13224	106.88	0.80819	13300	13149
Y_3600	360.073	{ 9 Cts/S	105080	1357	1.2913	106040	104120
Y_3710	371.030	{ 9 Cts/S	11812	29.266	0.24776	11792	11833

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0002	76.1	0.0001	0.0004
Al3082	308.215	{1 In2306	ppm	0.0355	0.0152	42.75	0.0248	0.0463
As1890	189.042	{4 Y_2243	ppm	-0.0016	0	2.81	-0.0016	-0.0016
B_2496	249.678	{1 Y_3710	ppm	-0.0022	0.0003	16.09	-0.0024	-0.0019
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0	14.05	-0.0002	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	27.7	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	0.01	0.0174	173.5	0.0223	-0.0023
Ca3181	318.128	{1 In2306	ppm	-0.0072	0.0188	261	-0.0205	0.0061
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0002	251.4	-0.0001	0.0002
Co2286	228.616	{4 In2306	ppm	0	0.0001	1108	-0.0001	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0001	75.84	-0.0001	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0	0.0002	320.5	0.0002	-0.0001
Fe2404	240.488	{1 In2306	ppm	-0.0038	0.0035	91.18	-0.0063	-0.0014
K_7664	766.490	{ 4 Y_3710	ppm	0.0034	0.0138	407.8	-0.0064	0.0132
K_7698	769.896	{ 4 Y_3710	ppm	0.0787	0.0217	27.62	0.0941	0.0633
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	31.56	0.0002	0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.0152	0.0126	82.8	-0.0241	-0.0063
Mn2576	257.610	{1 Y_3600	ppm	0	0	20.42	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0001	0.0004	728.2	0.0002	-0.0004
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0003	125.8	0	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	-0.0006	0.0023	395	0.0011	-0.0022
Na8183	818.326	{ 4 Y_3710	ppm	0.3067	0.0074	2.418	0.3015	0.312
Ni2316	231.604	{4 In2306	ppm	0.0004	0.0001	17.04	0.0003	0.0004
P_1782	178.284	{4 In2306	ppm	-0.0004	0.0002	55.33	-0.0002	-0.0006
Pb2203	220.353	{4 In2306	ppm	0.0014	0.001	74.05	0.0021	0.0007
S_1820	182.034	{4 Y_2243	ppm	-0.5672	0.7009	123.6	-0.0716	-1.063
Sb2068	206.833	{4 Y_2243	ppm	0.0023	0.0013	53.97	0.0015	0.0032
Se1960	196.090	{4 Y_2243	ppm	-0.001	0.0004	42.04	-0.0007	-0.0013
Si2516	251.611	{1 Y_3710	ppm	0.0046	0.0086	188.8	-0.0015	0.0106
Sn1899	189.989	{4 In2306	ppm	0.0004	0.0002	44.77	0.0003	0.0005
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0002	376.5	0.0001	-0.0001
Ti3349	334.904	{1 Y_3600	ppm	0.0007	0.0003	38.14	0.0005	0.0009
Tl1908	190.856	{4 In2306	ppm	-0.0007	0	1.207	-0.0007	-0.0007
V_2924	292.402	{1 Y_3600	ppm	0	0.0003	2667	0.0002	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0.0002	175.9	0	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	160.64	4.4655	2.7797	163.8	157.49
In2306	230.606	{4 Cts/S	10657	94.236	0.88429	10723	10590
Y_2243	224.306	{4 Cts/S	13126	114.99	0.87608	13207	13044
Y_3600	360.073	{ 9 Cts/S	105760	455.56	0.43076	106080	105430
Y_3710	371.030	{ 9 Cts/S	11669	2.0407	0.01749	11670	11667

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 16:24:07
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0006	0.0007	111.3	-0.0011	-0.0001
Al3082	308.215	{1 In2306	ppm	45.05	0.1969	0.437	45.19	44.91
As1890	189.042	{4 Y_2243	ppm	0.0454	0.0002	0.4985	0.0453	0.0456
B_2496	249.678	{1 Y_3710	ppm	0.0111	0.0026	23.69	0.0093	0.013
Ba4554	455.403	{ 7 Y_3710	ppm	0.3802	0.0032	0.8438	0.378	0.3825
Be3130	313.042	{1 Y_3710	ppm	0.0035	0	0.9596	0.0035	0.0035
Ca3158	315.887	{1 In2306	ppm	569.5	4.436	0.779	572.6	566.3
Ca3181	318.128	{1 In2306	ppm	571.5	4.882	0.8542	574.9	568
Cd2288	228.802	{4 Y_2243	ppm	0.0022	0	1.232	0.0022	0.0022
Co2286	228.616	{4 In2306	ppm	0.0258	0.0005	2.096	0.0262	0.0254
Cr2677	267.716	{1 Y_3600	ppm	0.049	0.0009	1.821	0.0483	0.0496
Cu3247	324.754	{1 Y_3600	ppm	0.0469	0.0011	2.311	0.0462	0.0477
Fe2404	240.488	{1 In2306	ppm	64.25	0.5683	0.8846	64.65	63.85
K_7664	766.490	{ 4 Y_3710	ppm	4.53	0.0466	1.029	4.497	4.563
K_7698	769.896	{ 4 Y_3710	ppm	4.682	0.0815	1.74	4.624	4.739
Li6707	670.784	{ 5 Y_3710	ppm	0.0337	0.0004	1.129	0.0334	0.0339
Mg2790	279.079	{1 Y_3710	ppm	6.648	0.0467	0.7023	6.615	6.681
Mn2576	257.610	{1 Y_3600	ppm	1.212	0.0188	1.553	1.198	1.225
Mn2576-2	257.610	{1 Y_3710	ppm	1.293	0.011	0.8539	1.285	1.301
Mo2020	202.030	{4 Y_2243	ppm	0.0016	0.0001	6.686	0.0016	0.0017
Na5895	589.592	{ 5 Y_3710	ppm	0.6984	0.0094	1.348	0.6918	0.7051
Na8183	818.326	{ 4 Y_3710	ppm	1.2	0.0932	7.772	1.134	1.266
Ni2316	231.604	{4 In2306	ppm	0.0781	0.0011	1.369	0.0789	0.0774
P_1782	178.284	{4 In2306	ppm	4.116	0.0652	1.583	4.163	4.07
Pb2203	220.353	{4 In2306	ppm	0.106	0.0016	1.486	0.1071	0.1049
S_1820	182.034	{4 Y_2243	ppm	-174	1.371	0.788	-175	-173
Sb2068	206.833	{4 Y_2243	ppm	-0.0022	0.0002	7.175	-0.0023	-0.0021
Se1960	196.090	{4 Y_2243	ppm	0.0012	0.0016	134.7	0.0023	0.0001
Si2516	251.611	{1 Y_3710	ppm	3.306	0.0463	1.401	3.273	3.338
Sn1899	189.989	{4 In2306	ppm	0.0084	0.0002	2.603	0.0085	0.0082
Sr4215	421.552	{ 8 Y_3710	ppm	1.362	0.0123	0.9037	1.353	1.37
Ti3349	334.904	{1 Y_3600	ppm	0.0686	0.0012	1.695	0.0678	0.0694
Tl1908	190.856	{4 In2306	ppm	-0.0017	0.0003	17.24	-0.0015	-0.0019
V_2924	292.402	{1 Y_3600	ppm	0.1756	0.0031	1.756	0.1734	0.1778
Zn2062	206.200	{4 In2306	ppm	0.1701	0.0031	1.813	0.1723	0.168

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	155.58	1.0621	0.68269	154.83	156.33
In2306	230.606	{4 Cts/S	8541.5	84.409	0.98823	8481.8	8601.2
Y_2243	224.306	{4 Cts/S	12325	81.126	0.65821	12268	12383
Y_3600	360.073	{ 9 Cts/S	99852	1002.1	1.0036	100560	99143
Y_3710	371.030	{ 9 Cts/S	11032	111.77	1.0131	11111	10953

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2436	0.001	0.3992	0.2429	0.2442
Al3082	308.215	{1 In2306	ppm	2.675	0.0667	2.495	2.627	2.722
As1890	189.042	{4 Y_2243	ppm	0.5021	0.0019	0.3708	0.5034	0.5008
B_2496	249.678	{1 Y_3710	ppm	0.4621	0.0003	0.0557	0.4619	0.4623
Ba4554	455.403	{ 7 Y_3710	ppm	0.525	0.0024	0.453	0.5233	0.5267
Be3130	313.042	{1 Y_3710	ppm	0.481	0.0031	0.6462	0.4788	0.4832
Ca3158	315.887	{1 In2306	ppm	13.24	0.1308	0.9884	13.15	13.33
Ca3181	318.128	{1 In2306	ppm	13.09	0.1997	1.526	12.94	13.23
Cd2288	228.802	{4 Y_2243	ppm	0.4862	0.0022	0.4587	0.4878	0.4847
Co2286	228.616	{4 In2306	ppm	0.4745	0.0019	0.4104	0.4759	0.4731
Cr2677	267.716	{1 Y_3600	ppm	0.4773	0.0004	0.0857	0.4776	0.477
Cu3247	324.754	{1 Y_3600	ppm	0.4871	0.0029	0.5945	0.485	0.4891
Fe2404	240.488	{1 In2306	ppm	2.497	0.0102	0.4078	2.49	2.504
K_7664	766.490	{ 4 Y_3710	ppm	13.84	0.2137	1.544	13.69	14
K_7698	769.896	{ 4 Y_3710	ppm	13.92	0.2344	1.683	13.76	14.09
Li6707	670.784	{ 5 Y_3710	ppm	0.5752	0.0111	1.938	0.5673	0.5831
Mg2790	279.079	{1 Y_3710	ppm	4.653	0.0425	0.913	4.623	4.683
Mn2576	257.610	{1 Y_3600	ppm	0.4816	0.0001	0.0309	0.4817	0.4815
Mn2576-2	257.610	{1 Y_3710	ppm	0.4625	0.0018	0.3834	0.4612	0.4637
Mo2020	202.030	{4 Y_2243	ppm	0.5142	0.0023	0.4544	0.5159	0.5126
Na5895	589.592	{ 5 Y_3710	ppm	14.24	0.2858	2.007	14.04	14.45
Na8183	818.326	{ 4 Y_3710	ppm	13.76	0.0131	0.0951	13.75	13.77
Ni2316	231.604	{4 In2306	ppm	0.4824	0.0017	0.3585	0.4836	0.4812
P_1782	178.284	{4 In2306	ppm	0.0025	0.0032	128.9	0.0002	0.0047
Pb2203	220.353	{4 In2306	ppm	0.4789	0.001	0.2009	0.4796	0.4782
S_1820	182.034	{4 Y_2243	ppm	-233.2	0.6976	0.2992	-233.7	-232.7
Sb2068	206.833	{4 Y_2243	ppm	0.491	0.0039	0.8037	0.4938	0.4882
Se1960	196.090	{4 Y_2243	ppm	0.514	0.0004	0.0794	0.5143	0.5137
Si2516	251.611	{1 Y_3710	ppm	0.8702	0.0087	0.9985	0.8641	0.8764
Sn1899	189.989	{4 In2306	ppm	0.4739	0.0037	0.7905	0.4765	0.4712
Sr4215	421.552	{ 8 Y_3710	ppm	0.2642	0.0017	0.6582	0.263	0.2654
Ti3349	334.904	{1 Y_3600	ppm	0.4704	0.0011	0.2326	0.4712	0.4696
Tl1908	190.856	{4 In2306	ppm	0.499	0	0.0044	0.499	0.499
V_2924	292.402	{1 Y_3600	ppm	0.4745	0.0036	0.7615	0.472	0.4771
Zn2062	206.200	{4 In2306	ppm	0.4705	0.0018	0.3828	0.4718	0.4692

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	158.55	2.325	1.4664	160.19	156.91
In2306	230.606	{4 Cts/S	10138	14.708	0.14508	10127	10148
Y_2243	224.306	{4 Cts/S	12997	23.88	0.18373	12981	13014
Y_3600	360.073	{ 9 Cts/S	104030	270.92	0.26043	104220	103840
Y_3710	371.030	{ 9 Cts/S	11588	89.077	0.76868	11651	11525

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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0054	0.0003	5.753	0.0052	0.0056
Al3082	308.215	{1 In2306	ppm	0.1148	0.0177	15.45	0.1274	0.1023
As1890	189.042	{4 Y_2243	ppm	0.009	0.0009	10.44	0.0083	0.0096
B_2496	249.678	{1 Y_3710	ppm	0.0115	0.0039	34.17	0.0087	0.0143
Ba4554	455.403	{ 7 Y_3710	ppm	0.0103	0.0001	0.4969	0.0104	0.0103
Be3130	313.042	{1 Y_3710	ppm	0.0047	0.0001	2.371	0.0046	0.0048
Ca3158	315.887	{1 In2306	ppm	0.104	0.0061	5.856	0.1083	0.0997
Ca3181	318.128	{1 In2306	ppm	0.0937	0.0182	19.38	0.0809	0.1066
Cd2288	228.802	{4 Y_2243	ppm	0.0055	0.0008	15.05	0.0049	0.0061
Co2286	228.616	{4 In2306	ppm	0.01	0.0007	6.793	0.0095	0.0105
Cr2677	267.716	{1 Y_3600	ppm	0.0095	0.0004	4.394	0.0097	0.0092
Cu3247	324.754	{1 Y_3600	ppm	0.0099	0.0002	2.406	0.0097	0.0101
Fe2404	240.488	{1 In2306	ppm	0.0913	0.0046	5.054	0.088	0.0946
K_7664	766.490	{ 4 Y_3710	ppm	0.6719	0.016	2.376	0.6606	0.6832
K_7698	769.896	{ 4 Y_3710	ppm	0.6615	0.0036	0.5428	0.664	0.6589
Li6707	670.784	{ 5 Y_3710	ppm	0.0115	0.0001	0.8333	0.0116	0.0114
Mg2790	279.079	{1 Y_3710	ppm	0.0769	0.0178	23.11	0.0644	0.0895
Mn2576	257.610	{1 Y_3600	ppm	0.0099	0	0.1872	0.0099	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0089	0.0003	2.931	0.0091	0.0087
Mo2020	202.030	{4 Y_2243	ppm	0.0119	0.0012	9.93	0.0111	0.0128
Na5895	589.592	{ 5 Y_3710	ppm	0.6687	0.0082	1.232	0.6745	0.6629
Na8183	818.326	{ 4 Y_3710	ppm	0.6443	0.0744	11.54	0.6968	0.5917
Ni2316	231.604	{4 In2306	ppm	0.0106	0.0011	10.65	0.0098	0.0114
P_1782	178.284	{4 In2306	ppm	0.0085	0.0005	5.456	0.0081	0.0088
Pb2203	220.353	{4 In2306	ppm	0.011	0.0003	2.837	0.0108	0.0112
S_1820	182.034	{4 Y_2243	ppm	0.3762	0.6509	173.1	0.8364	-0.0841
Sb2068	206.833	{4 Y_2243	ppm	0.0179	0.001	5.793	0.0172	0.0186
Se1960	196.090	{4 Y_2243	ppm	0.0103	0.0006	5.781	0.0099	0.0107
Si2516	251.611	{1 Y_3710	ppm	0.0037	0.0029	77.85	0.0017	0.0058
Sn1899	189.989	{4 In2306	ppm	0.0106	0.0012	11.05	0.0098	0.0114
Sr4215	421.552	{ 8 Y_3710	ppm	0.0051	0.0002	2.947	0.0052	0.005
Ti3349	334.904	{1 Y_3600	ppm	0.0096	0.0001	1.139	0.0097	0.0095
Tl1908	190.856	{4 In2306	ppm	0.0103	0.0012	11.67	0.0095	0.0112
V_2924	292.402	{1 Y_3600	ppm	0.0091	0	0.3947	0.0092	0.0091
Zn2062	206.200	{4 In2306	ppm	0.0098	0.0008	8.323	0.0092	0.0104

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	160.6	0.91138	0.56747	161.25	159.96
In2306	230.606	{4 Cts/S	10556	23.175	0.21953	10540	10573
Y_2243	224.306	{4 Cts/S	13078	26.417	0.202	13059	13097
Y_3600	360.073	{ 9 Cts/S	107530	368.43	0.34264	107270	107790
Y_3710	371.030	{ 9 Cts/S	11720	88.5	0.75512	11657	11783

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0004	119.1	0.0006	0.0001
Al3082	308.215	{1 In2306	ppm	0.0026	0.0017	66.71	0.0038	0.0014
As1890	189.042	{4 Y_2243	ppm	0	0.0001	591.2	0.0001	-0.0001
B_2496	249.678	{1 Y_3710	ppm	-0.0014	0.0024	165.3	-0.0031	0.0002
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0001	1193	-0.0001	0.0001
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	8.321	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0002	0.0042	2026	-0.0032	0.0027
Ca3181	318.128	{1 In2306	ppm	-0.0105	0.0141	134.9	-0.0005	-0.0205
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0.0003	131.3	0	0.0004
Co2286	228.616	{4 In2306	ppm	0.0003	0.0006	182.5	-0.0001	0.0008
Cr2677	267.716	{1 Y_3600	ppm	-0.0001	0.0003	193	0.0001	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	-0.0001	0.0001	188	-0.0001	0
Fe2404	240.488	{1 In2306	ppm	0.0017	0.0013	75.58	0.0008	0.0027
K_7664	766.490	{ 4 Y_3710	ppm	-0.0252	0.0113	44.94	-0.0332	-0.0172
K_7698	769.896	{ 4 Y_3710	ppm	0.092	0.0013	1.43	0.0911	0.0929
Li6707	670.784	{ 5 Y_3710	ppm	0.0006	0.0009	167.7	-0.0001	0.0012
Mg2790	279.079	{1 Y_3710	ppm	-0.0062	0.0193	313.2	0.0075	-0.0198
Mn2576	257.610	{1 Y_3600	ppm	0	0	405.4	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0006	0.0001	18.58	-0.0006	-0.0005
Mo2020	202.030	{4 Y_2243	ppm	0.0006	0.0006	92.05	0.0002	0.0011
Na5895	589.592	{ 5 Y_3710	ppm	-0.0009	0.0032	344.5	0.0013	-0.0032
Na8183	818.326	{ 4 Y_3710	ppm	0.3711	0.0937	25.25	0.4373	0.3048
Ni2316	231.604	{4 In2306	ppm	0.0006	0.0007	115.4	0.0001	0.001
P_1782	178.284	{4 In2306	ppm	0	0.0002	689.4	-0.0002	0.0001
Pb2203	220.353	{4 In2306	ppm	0.0019	0.0006	32.37	0.0015	0.0024
S_1820	182.034	{4 Y_2243	ppm	0.2459	0.0221	8.999	0.2615	0.2302
Sb2068	206.833	{4 Y_2243	ppm	0.0007	0.0019	283	-0.0007	0.002
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0004	161.3	-0.0005	0
Si2516	251.611	{1 Y_3710	ppm	0.0035	0.006	170.5	-0.0007	0.0078
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0003	179.5	-0.0001	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0.0001	88.55	0	-0.0001
Ti3349	334.904	{1 Y_3600	ppm	0.0001	0.0004	350	0.0004	-0.0002
Tl1908	190.856	{4 In2306	ppm	-0.0017	0.0001	4.268	-0.0017	-0.0018
V_2924	292.402	{1 Y_3600	ppm	0	0.0001	394.2	0.0001	-0.0001
Zn2062	206.200	{4 In2306	ppm	0.0003	0.0004	139.3	0	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	159.55	3.8299	2.4004	162.26	156.84
In2306	230.606	{4 Cts/S	10644	28.563	0.26834	10624	10664
Y_2243	224.306	{4 Cts/S	13098	22.29	0.17019	13082	13113
Y_3600	360.073	{ 9 Cts/S	105430	3273.5	3.105	107740	103110
Y_3710	371.030	{ 9 Cts/S	11330	331.67	2.9275	11564	11095

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0007	0	2.744	0.0007	0.0007
Al3082	308.215	{1 In2306	ppm	-0.0091	0.0127	139.2	-0.018	-0.0001
As1890	189.042	{4 Y_2243	ppm	-0.0003	0.0003	126.2	0	-0.0005
B_2496	249.678	{1 Y_3710	ppm	0.0026	0.0042	164.8	-0.0004	0.0056
Ba4554	455.403	{ 7 Y_3710	ppm	0.0034	0.0001	4.323	0.0035	0.0033
Be3130	313.042	{1 Y_3710	ppm	0	0	13.54	0	0
Ca3158	315.887	{1 In2306	ppm	0.0072	0.0043	59.22	0.0102	0.0042
Ca3181	318.128	{1 In2306	ppm	-0.0133	0.0212	159.5	-0.0282	0.0017
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	1070	-0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0	0.0002	481.7	-0.0001	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0002	43.07	-0.0006	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0014	0.0002	14.5	0.0012	0.0015
Fe2404	240.488	{1 In2306	ppm	0.0024	0.0004	17.59	0.0021	0.0027
K_7664	766.490	{ 4 Y_3710	ppm	-0.0298	0.0023	7.873	-0.0315	-0.0282
K_7698	769.896	{ 4 Y_3710	ppm	-0.0071	0.036	510.2	-0.0325	0.0184
Li6707	670.784	{ 5 Y_3710	ppm	0.0009	0.0001	13.61	0.0008	0.001
Mg2790	279.079	{1 Y_3710	ppm	0.0102	0.0385	377.4	-0.017	0.0375
Mn2576	257.610	{1 Y_3600	ppm	0.0003	0	4.33	0.0002	0.0003
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0002	0.0003	173.9	-0.0004	0
Mo2020	202.030	{4 Y_2243	ppm	0	0.0001	422.9	-0.0001	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0058	0.001	16.99	0.0065	0.0051
Na8183	818.326	{ 4 Y_3710	ppm	0.1483	0.0488	32.9	0.1138	0.1828
Ni2316	231.604	{4 In2306	ppm	0	0.0002	1728	0.0002	-0.0002
P_1782	178.284	{4 In2306	ppm	-0.0016	0.0006	38.78	-0.0021	-0.0012
Pb2203	220.353	{4 In2306	ppm	0.0016	0.0014	87.9	0.0026	0.0006
S_1820	182.034	{4 Y_2243	ppm	-0.4467	0.5351	119.8	-0.825	-0.0683
Sb2068	206.833	{4 Y_2243	ppm	0	0.0006	6846	-0.0004	0.0004
Se1960	196.090	{4 Y_2243	ppm	-0.0006	0.001	167.5	0.0001	-0.0013
Si2516	251.611	{1 Y_3710	ppm	0.0055	0.0035	63.29	0.008	0.003
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0003	258.1	0.0004	-0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	0.0014	0.0001	10.06	0.0013	0.0015
Ti3349	334.904	{1 Y_3600	ppm	-0.0001	0.0001	58.78	-0.0001	-0.0001
Tl1908	190.856	{4 In2306	ppm	-0.0014	0.0002	13.84	-0.0013	-0.0016
V_2924	292.402	{1 Y_3600	ppm	0.0001	0.0002	261.4	0.0002	-0.0001
Zn2062	206.200	{4 In2306	ppm	0.0025	0	0.3693	0.0025	0.0025

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	157.68	1.0446	0.66248	158.42	156.95
In2306	230.606	{4 Cts/S	10598	3.6854	0.03477	10596	10601
Y_2243	224.306	{4 Cts/S	13034	18.135	0.13914	13021	13047
Y_3600	360.073	{ 9 Cts/S	111030	5381.6	4.847	114840	107220
Y_3710	371.030	{ 9 Cts/S	11521	25.953	0.22527	11502	11539

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4983	0.0025	0.5095	0.4965	0.5001
Al3082	308.215	{1 In2306	ppm	10.81	0.2199	2.034	10.66	10.97
As1890	189.042	{4 Y_2243	ppm	1.059	0.0585	5.52	1.1	1.018
B_2496	249.678	{1 Y_3710	ppm	0.934	0.0113	1.214	0.926	0.942
Ba4554	455.403	{ 7 Y_3710	ppm	1.075	0.0167	1.55	1.063	1.087
Be3130	313.042	{1 Y_3710	ppm	0.49	0.0069	1.408	0.4851	0.4948
Ca3158	315.887	{1 In2306	ppm	10.64	0.1678	1.576	10.52	10.76
Ca3181	318.128	{1 In2306	ppm	10.53	0.0891	0.8468	10.46	10.59
Cd2288	228.802	{4 Y_2243	ppm	0.5159	0.0288	5.584	0.5363	0.4956
Co2286	228.616	{4 In2306	ppm	1.004	0.0551	5.481	1.043	0.9655
Cr2677	267.716	{1 Y_3600	ppm	0.9543	0.0006	0.0579	0.9539	0.9547
Cu3247	324.754	{1 Y_3600	ppm	0.9921	0.0029	0.2876	0.9901	0.9941
Fe2404	240.488	{1 In2306	ppm	10.07	0.1553	1.542	9.959	10.18
K_7664	766.490	{ 4 Y_3710	ppm	11.57	0.2441	2.109	11.4	11.75
K_7698	769.896	{ 4 Y_3710	ppm	11.51	0.1874	1.628	11.38	11.65
Li6707	670.784	{ 5 Y_3710	ppm	0.6044	0.0154	2.552	0.5935	0.6153
Mg2790	279.079	{1 Y_3710	ppm	9.461	0.1229	1.299	9.374	9.548
Mn2576	257.610	{1 Y_3600	ppm	0.9635	0.0004	0.04	0.9632	0.9638
Mn2576-2	257.610	{1 Y_3710	ppm	0.9405	0.0162	1.728	0.929	0.952
Mo2020	202.030	{4 Y_2243	ppm	1.084	0.0587	5.418	1.126	1.043
Na5895	589.592	{ 5 Y_3710	ppm	11.95	0.2855	2.389	11.75	12.15
Na8183	818.326	{ 4 Y_3710	ppm	11.38	0.1948	1.713	11.24	11.51
Ni2316	231.604	{4 In2306	ppm	1.015	0.0549	5.407	1.054	0.9767
P_1782	178.284	{4 In2306	ppm	-0.0009	0.0006	72.08	-0.0013	-0.0004
Pb2203	220.353	{4 In2306	ppm	1.014	0.0526	5.193	1.051	0.9765
S_1820	182.034	{4 Y_2243	ppm	0.6261	0.3147	50.26	0.8486	0.4036
Sb2068	206.833	{4 Y_2243	ppm	1.039	0.0611	5.877	1.082	0.9956
Se1960	196.090	{4 Y_2243	ppm	1.089	0.0552	5.071	1.128	1.05
Si2516	251.611	{1 Y_3710	ppm	0.8652	0.0409	4.723	0.8363	0.8941
Sn1899	189.989	{4 In2306	ppm	0.9951	0.0557	5.597	1.034	0.9557
Sr4215	421.552	{ 8 Y_3710	ppm	0.5323	0.0074	1.388	0.5271	0.5375
Ti3349	334.904	{1 Y_3600	ppm	0.9399	0.002	0.218	0.9385	0.9414
Tl1908	190.856	{4 In2306	ppm	1.049	0.0602	5.738	1.091	1.006
V_2924	292.402	{1 Y_3600	ppm	0.9533	0.0024	0.2473	0.9516	0.9549
Zn2062	206.200	{4 In2306	ppm	0.9826	0.0542	5.516	1.021	0.9443

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	158.22	2.3285	1.4717	159.87	156.58
In2306	230.606	{4 Cts/S	9757.5	407.85	4.1799	9469.1	10046
Y_2243	224.306	{4 Cts/S	12566	527.27	4.1962	12193	12938
Y_3600	360.073	{ 9 Cts/S	104850	44.229	0.04218	104880	104820
Y_3710	371.030	{ 9 Cts/S	11493	124.44	1.0828	11581	11405

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0004	0.0004	97.14	0.0006	0.0001
Al3082	308.215	{1 In2306	ppm	0.1032	0.0235	22.79	0.0865	0.1198
As1890	189.042	{4 Y_2243	ppm	0.0075	0.0065	86.76	0.0029	0.012
B_2496	249.678	{1 Y_3710	ppm	0.222	0.0018	0.8092	0.2233	0.2207
Ba4554	455.403	{ 7 Y_3710	ppm	0.155	0.002	1.307	0.1535	0.1564
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	70.83	0.0003	0.0001
Ca3158	315.887	{1 In2306	ppm	65.64	0.1219	0.1857	65.55	65.72
Ca3181	318.128	{1 In2306	ppm	64.87	0.0273	0.042	64.89	64.85
Cd2288	228.802	{4 Y_2243	ppm	0.0027	0.0032	116.1	0.0005	0.005
Co2286	228.616	{4 In2306	ppm	0.0057	0.0068	117.8	0.001	0.0105
Cr2677	267.716	{1 Y_3600	ppm	0.0008	0.0001	11.29	0.0008	0.0009
Cu3247	324.754	{1 Y_3600	ppm	0.0035	0.0001	2.69	0.0036	0.0035
Fe2404	240.488	{1 In2306	ppm	0.1454	0.0079	5.408	0.1509	0.1398
K_7664	766.490	{ 4 Y_3710	ppm	25.64	0.3482	1.358	25.39	25.88
K_7698	769.896	{ 4 Y_3710	ppm	26.01	0.3233	1.243	25.79	26.24
Li6707	670.784	{ 5 Y_3710	ppm	0.0261	0.0006	2.133	0.0257	0.0265
Mg2790	279.079	{1 Y_3710	ppm	17.53	0.1825	1.041	17.4	17.66
Mn2576	257.610	{1 Y_3600	ppm	0.0522	0.0004	0.7354	0.0525	0.052
Mn2576-2	257.610	{1 Y_3710	ppm	0.051	0.0005	0.908	0.0513	0.0507
Mo2020	202.030	{4 Y_2243	ppm	0.1443	0.0069	4.75	0.1395	0.1492
Na5895	589.592	{ 5 Y_3710	ppm	372.8	11.54	3.094	364.7	381
Na8183	818.326	{ 4 Y_3710	ppm	394.4	5.24	1.329	390.7	398.1
Ni2316	231.604	{4 In2306	ppm	0.0193	0.0064	32.98	0.0148	0.0239
P_1782	178.284	{4 In2306	ppm	0.1182	0.0032	2.718	0.1205	0.116
Pb2203	220.353	{4 In2306	ppm	0.0048	0.0056	117.1	0.0008	0.0088
S_1820	182.034	{4 Y_2243	ppm	-30000	205.1	0.6838	-30140	-29850
Sb2068	206.833	{4 Y_2243	ppm	0.0236	0.0075	31.7	0.0183	0.0289
Se1960	196.090	{4 Y_2243	ppm	0.0055	0.0025	45.57	0.0037	0.0073
Si2516	251.611	{1 Y_3710	ppm	3.253	0.0526	1.617	3.216	3.291
Sn1899	189.989	{4 In2306	ppm	0.008	0.0083	103.8	0.0021	0.0138
Sr4215	421.552	{ 8 Y_3710	ppm	0.8329	0.011	1.315	0.8251	0.8406
Ti3349	334.904	{1 Y_3600	ppm	0.0028	0.0001	4.317	0.0027	0.0029
Tl1908	190.856	{4 In2306	ppm	0.006	0.0079	131.1	0.0004	0.0116
V_2924	292.402	{1 Y_3600	ppm	0.0092	0.0002	2.187	0.0091	0.0093
Zn2062	206.200	{4 In2306	ppm	0.0209	0.0066	31.44	0.0163	0.0256

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	150.52	0.30318	0.20142	150.74	150.31
In2306	230.606	{4 Cts/S	8637.7	12.535	0.14512	8646.6	8628.9
Y_2243	224.306	{4 Cts/S	11714	7.2576	0.06196	11719	11709
Y_3600	360.073	{ 9 Cts/S	93960	874.64	0.93086	93342	94579
Y_3710	371.030	{ 9 Cts/S	11165	78.197	0.70036	11221	11110

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0001	53.58	0.0001	0.0003
Al3082	308.215	{1 In2306	ppm	0.0979	0.0147	14.98	0.1082	0.0875
As1890	189.042	{4 Y_2243	ppm	0.0022	0.0002	10.36	0.002	0.0024
B_2496	249.678	{1 Y_3710	ppm	0.2166	0.009	4.171	0.223	0.2102
Ba4554	455.403	{ 7 Y_3710	ppm	0.1543	0.0002	0.1066	0.1545	0.1542
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	106	0.0002	0
Ca3158	315.887	{1 In2306	ppm	65.72	0.3352	0.5101	65.95	65.48
Ca3181	318.128	{1 In2306	ppm	65.24	0.477	0.731	65.58	64.91
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	26.17	0.0001	0.0002
Co2286	228.616	{4 In2306	ppm	0.0008	0.0002	30.62	0.0006	0.0009
Cr2677	267.716	{1 Y_3600	ppm	0.0013	0	2	0.0012	0.0013
Cu3247	324.754	{1 Y_3600	ppm	0.003	0.0004	13.28	0.0033	0.0027
Fe2404	240.488	{1 In2306	ppm	0.1533	0.0082	5.357	0.1591	0.1475
K_7664	766.490	{ 4 Y_3710	ppm	25.83	0.0736	0.2851	25.78	25.89
K_7698	769.896	{ 4 Y_3710	ppm	26.22	0.1226	0.4675	26.14	26.31
Li6707	670.784	{ 5 Y_3710	ppm	0.0259	0.0001	0.5332	0.026	0.0258
Mg2790	279.079	{1 Y_3710	ppm	17.83	0.1033	0.5798	17.75	17.9
Mn2576	257.610	{1 Y_3600	ppm	0.0582	0.0003	0.5396	0.0584	0.058
Mn2576-2	257.610	{1 Y_3710	ppm	0.0558	0.0004	0.7465	0.0561	0.0555
Mo2020	202.030	{4 Y_2243	ppm	0.1402	0.0008	0.5723	0.1396	0.1408
Na5895	589.592	{ 5 Y_3710	ppm	369.8	0.5788	0.1565	370.2	369.4
Na8183	818.326	{ 4 Y_3710	ppm	394.4	1.875	0.4755	393.1	395.8
Ni2316	231.604	{4 In2306	ppm	0.0147	0.0004	2.407	0.0145	0.015
P_1782	178.284	{4 In2306	ppm	0.1247	0.001	0.8345	0.124	0.1255
Pb2203	220.353	{4 In2306	ppm	0.0016	0.0003	17.08	0.0018	0.0014
S_1820	182.034	{4 Y_2243	ppm	-30510	176.9	0.5797	-30390	-30640
Sb2068	206.833	{4 Y_2243	ppm	0.006	0.0001	1.252	0.006	0.0061
Se1960	196.090	{4 Y_2243	ppm	0.0019	0.0013	67.02	0.0028	0.001
Si2516	251.611	{1 Y_3710	ppm	3.271	0.0057	0.1739	3.267	3.275
Sn1899	189.989	{4 In2306	ppm	0.0005	0.0006	116.8	0.0001	0.0009
Sr4215	421.552	{ 8 Y_3710	ppm	0.8325	0.0044	0.5302	0.8293	0.8356
Ti3349	334.904	{1 Y_3600	ppm	0.0016	0	0.7275	0.0016	0.0016
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0005	119.8	-0.0007	-0.0001
V_2924	292.402	{1 Y_3600	ppm	0.009	0.0002	2.243	0.0088	0.0091
Zn2062	206.200	{4 In2306	ppm	0.0152	0.0005	3.051	0.0149	0.0156

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	152.81	1.5144	0.99104	151.73	153.88
In2306	230.606	{4 Cts/S	8626.4	15.581	0.18063	8637.4	8615.4
Y_2243	224.306	{4 Cts/S	11730	13.776	0.11745	11739	11720
Y_3600	360.073	{ 9 Cts/S	93685	227.52	0.24285	93524	93846
Y_3710	371.030	{ 9 Cts/S	11247	79.893	0.71036	11303	11190

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.518	0.0008	0.1631	0.5186	0.5174
Al3082	308.215	{1 In2306	ppm	11.15	0.1387	1.244	11.25	11.05
As1890	189.042	{4 Y_2243	ppm	1.1	0.0042	0.3836	1.103	1.097
B_2496	249.678	{1 Y_3710	ppm	1.167	0.0012	0.0989	1.168	1.166
Ba4554	455.403	{ 7 Y_3710	ppm	1.232	0.0024	0.1969	1.234	1.231
Be3130	313.042	{1 Y_3710	ppm	0.4948	0.0018	0.3633	0.4935	0.4961
Ca3158	315.887	{1 In2306	ppm	73.39	0.7479	1.019	73.92	72.86
Ca3181	318.128	{1 In2306	ppm	73.14	0.6527	0.8924	73.61	72.68
Cd2288	228.802	{4 Y_2243	ppm	0.5201	0.0023	0.4434	0.5217	0.5184
Co2286	228.616	{4 In2306	ppm	1.013	0.002	0.202	1.014	1.011
Cr2677	267.716	{1 Y_3600	ppm	0.9435	0.0036	0.3767	0.941	0.946
Cu3247	324.754	{1 Y_3600	ppm	0.9853	0.0062	0.6338	0.9897	0.9809
Fe2404	240.488	{1 In2306	ppm	10.11	0.1063	1.052	10.18	10.03
K_7664	766.490	{ 4 Y_3710	ppm	37.44	0.2523	0.6738	37.62	37.26
K_7698	769.896	{ 4 Y_3710	ppm	38.05	0.2303	0.6051	38.21	37.89
Li6707	670.784	{ 5 Y_3710	ppm	0.616	0.0077	1.247	0.6214	0.6106
Mg2790	279.079	{1 Y_3710	ppm	27.24	0.1162	0.4266	27.16	27.32
Mn2576	257.610	{1 Y_3600	ppm	1.003	0.0018	0.176	1.002	1.005
Mn2576-2	257.610	{1 Y_3710	ppm	1.003	0.0067	0.6715	0.9983	1.008
Mo2020	202.030	{4 Y_2243	ppm	1.179	0.0069	0.5851	1.184	1.174
Na5895	589.592	{ 5 Y_3710	ppm	372.6	6.026	1.617	376.8	368.3
Na8183	818.326	{ 4 Y_3710	ppm	402.7	1.255	0.3116	403.6	401.8
Ni2316	231.604	{4 In2306	ppm	1.034	0.0016	0.1559	1.035	1.033
P_1782	178.284	{4 In2306	ppm	0.1265	0.001	0.7783	0.1272	0.1258
Pb2203	220.353	{4 In2306	ppm	0.9975	0.0014	0.141	0.9985	0.9965
S_1820	182.034	{4 Y_2243	ppm	-29920	43.23	0.1445	-29950	-29890
Sb2068	206.833	{4 Y_2243	ppm	1.052	0.0091	0.8658	1.058	1.045
Se1960	196.090	{4 Y_2243	ppm	1.129	0.0017	0.1543	1.13	1.127
Si2516	251.611	{1 Y_3710	ppm	4.211	0.0193	0.4576	4.197	4.225
Sn1899	189.989	{4 In2306	ppm	0.999	0.0046	0.4625	1.002	0.9957
Sr4215	421.552	{ 8 Y_3710	ppm	1.357	0.0003	0.0195	1.357	1.357
Ti3349	334.904	{1 Y_3600	ppm	0.9373	0.0014	0.1544	0.9363	0.9384
Tl1908	190.856	{4 In2306	ppm	0.9938	0.0039	0.3925	0.9965	0.991
V_2924	292.402	{1 Y_3600	ppm	0.9483	0.0014	0.1491	0.9473	0.9493
Zn2062	206.200	{4 In2306	ppm	1.04	0.0022	0.2111	1.042	1.039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	155.06	1.9905	1.2837	153.65	156.46
In2306	230.606	{4 Cts/S	8561.8	0.32112	0.00375	8561.6	8562
Y_2243	224.306	{4 Cts/S	11810	4.9459	0.04188	11807	11814
Y_3600	360.073	{ 9 Cts/S	95467	172.49	0.18068	95345	95589
Y_3710	371.030	{ 9 Cts/S	11159	26.587	0.23825	11178	11140

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5305	0.0038	0.7239	0.5277	0.5332
Al3082	308.215	{1 In2306	ppm	11.37	0.0103	0.0906	11.36	11.37
As1890	189.042	{4 Y_2243	ppm	1.116	0.013	1.163	1.107	1.125
B_2496	249.678	{1 Y_3710	ppm	1.159	0.0047	0.4083	1.156	1.163
Ba4554	455.403	{ 7 Y_3710	ppm	1.247	0.0147	1.177	1.237	1.257
Be3130	313.042	{1 Y_3710	ppm	0.494	0.0018	0.356	0.4927	0.4952
Ca3158	315.887	{1 In2306	ppm	76.5	1.073	1.403	77.26	75.74
Ca3181	318.128	{1 In2306	ppm	75.58	1.26	1.666	76.47	74.69
Cd2288	228.802	{4 Y_2243	ppm	0.5285	0.0053	1.01	0.5247	0.5323
Co2286	228.616	{4 In2306	ppm	1.031	0.0079	0.7644	1.025	1.037
Cr2677	267.716	{1 Y_3600	ppm	0.9438	0.0087	0.9167	0.9377	0.95
Cu3247	324.754	{1 Y_3600	ppm	1.012	0.0058	0.5705	1.008	1.016
Fe2404	240.488	{1 In2306	ppm	10.54	0.1222	1.159	10.63	10.46
K_7664	766.490	{ 4 Y_3710	ppm	37.56	0.3803	1.012	37.3	37.83
K_7698	769.896	{ 4 Y_3710	ppm	38.19	0.3541	0.9271	37.94	38.44
Li6707	670.784	{ 5 Y_3710	ppm	0.6234	0.0112	1.797	0.6154	0.6313
Mg2790	279.079	{1 Y_3710	ppm	27.41	0.139	0.5072	27.51	27.31
Mn2576	257.610	{1 Y_3600	ppm	1.032	0.005	0.4872	1.028	1.035
Mn2576-2	257.610	{1 Y_3710	ppm	1.026	0.002	0.1963	1.028	1.025
Mo2020	202.030	{4 Y_2243	ppm	1.203	0.0122	1.017	1.194	1.211
Na5895	589.592	{ 5 Y_3710	ppm	374.3	4.046	1.081	377.2	371.5
Na8183	818.326	{ 4 Y_3710	ppm	407	3.602	0.8851	404.4	409.5
Ni2316	231.604	{4 In2306	ppm	1.054	0.0081	0.7672	1.048	1.059
P_1782	178.284	{4 In2306	ppm	0.1387	0.0026	1.903	0.1368	0.1405
Pb2203	220.353	{4 In2306	ppm	1.016	0.0086	0.8472	1.01	1.022
S_1820	182.034	{4 Y_2243	ppm	-30310	329.3	1.086	-30080	-30540
Sb2068	206.833	{4 Y_2243	ppm	1.087	0.0121	1.113	1.078	1.095
Se1960	196.090	{4 Y_2243	ppm	1.148	0.0121	1.057	1.14	1.157
Si2516	251.611	{1 Y_3710	ppm	4.254	0.0178	0.4181	4.241	4.266
Sn1899	189.989	{4 In2306	ppm	1.02	0.0051	0.4997	1.017	1.024
Sr4215	421.552	{ 8 Y_3710	ppm	1.37	0.0132	0.9661	1.36	1.379
Ti3349	334.904	{1 Y_3600	ppm	0.9424	0.0077	0.8185	0.9369	0.9478
Tl1908	190.856	{4 In2306	ppm	1.014	0.0079	0.7756	1.008	1.019
V_2924	292.402	{1 Y_3600	ppm	0.9647	0.0053	0.5482	0.961	0.9684
Zn2062	206.200	{4 In2306	ppm	1.06	0.0084	0.7955	1.054	1.066

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	151.64	0.88085	0.58089	151.01	152.26
In2306	230.606	{4 Cts/S	8523	59.966	0.70358	8565.4	8480.6
Y_2243	224.306	{4 Cts/S	11778	96.427	0.8187	11846	11710
Y_3600	360.073	{ 9 Cts/S	95475	477.49	0.50011	95813	95138
Y_3710	371.030	{ 9 Cts/S	11198	49.237	0.43968	11233	11164

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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4976	0.001	0.2023	0.4983	0.4969
Al3082	308.215	{1 In2306	ppm	10.54	0.0981	0.9301	10.61	10.48
As1890	189.042	{4 Y_2243	ppm	1.061	0.002	0.1891	1.059	1.062
B_2496	249.678	{1 Y_3710	ppm	1.114	0.0122	1.099	1.106	1.123
Ba4554	455.403	{ 7 Y_3710	ppm	1.188	0.0044	0.3671	1.184	1.191
Be3130	313.042	{1 Y_3710	ppm	0.4625	0.0012	0.253	0.4617	0.4634
Ca3158	315.887	{1 In2306	ppm	73.16	1.159	1.584	73.98	72.34
Ca3181	318.128	{1 In2306	ppm	72.56	1.285	1.77	73.47	71.65
Cd2288	228.802	{4 Y_2243	ppm	0.4993	0.0007	0.1336	0.4988	0.4998
Co2286	228.616	{4 In2306	ppm	0.9614	0.0013	0.1314	0.9623	0.9605
Cr2677	267.716	{1 Y_3600	ppm	0.8958	0.0028	0.3083	0.8939	0.8978
Cu3247	324.754	{1 Y_3600	ppm	0.9656	0.0015	0.1591	0.9666	0.9645
Fe2404	240.488	{1 In2306	ppm	9.678	0.1321	1.365	9.772	9.585
K_7664	766.490	{ 4 Y_3710	ppm	36.1	0.4562	1.264	35.77	36.42
K_7698	769.896	{ 4 Y_3710	ppm	36.79	0.5409	1.47	36.4	37.17
Li6707	670.784	{ 5 Y_3710	ppm	1.152	0.0219	1.898	1.137	1.168
Mg2790	279.079	{1 Y_3710	ppm	26.35	0.0186	0.0707	26.34	26.37
Mn2576	257.610	{1 Y_3600	ppm	0.9643	0.0013	0.1313	0.9651	0.9634
Mn2576-2	257.610	{1 Y_3710	ppm	0.9584	0.002	0.2137	0.9599	0.957
Mo2020	202.030	{4 Y_2243	ppm	1.129	0.0009	0.0835	1.13	1.129
Na5895	589.592	{ 5 Y_3710	ppm	372.3	4.826	1.296	375.7	368.8
Na8183	818.326	{ 4 Y_3710	ppm	395.6	2.144	0.5421	394.1	397.1
Ni2316	231.604	{4 In2306	ppm	0.9974	0.0017	0.1735	0.9986	0.9961
P_1782	178.284	{4 In2306	ppm	1.196	0.0016	0.1302	1.197	1.195
Pb2203	220.353	{4 In2306	ppm	0.9559	0.0006	0.0679	0.9564	0.9555
S_1820	182.034	{4 Y_2243	ppm	-29580	11.6	0.0392	-29570	-29590
Sb2068	206.833	{4 Y_2243	ppm	1.049	0.0018	0.1682	1.05	1.048
Se1960	196.090	{4 Y_2243	ppm	1.078	0.0016	0.1469	1.077	1.079
Si2516	251.611	{1 Y_3710	ppm	4.164	0.0406	0.9754	4.136	4.193
Sn1899	189.989	{4 In2306	ppm	0.9444	0.001	0.1076	0.9452	0.9437
Sr4215	421.552	{ 8 Y_3710	ppm	1.319	0.005	0.3821	1.315	1.322
Ti3349	334.904	{1 Y_3600	ppm	0.8852	0.0015	0.1654	0.8842	0.8863
Tl1908	190.856	{4 In2306	ppm	0.9491	0.004	0.4177	0.9519	0.9463
V_2924	292.402	{1 Y_3600	ppm	0.9089	0.0022	0.2365	0.9105	0.9074
Zn2062	206.200	{4 In2306	ppm	0.9946	0.0025	0.2524	0.9964	0.9929

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	153.98	0.65604	0.42607	153.51	154.44
In2306	230.606	{4 Cts/S	8529.6	3.0779	0.03608	8531.8	8527.4
Y_2243	224.306	{4 Cts/S	11713	24.328	0.2077	11730	11696
Y_3600	360.073	{ 9 Cts/S	95347	25.37	0.02661	95364	95329
Y_3710	371.030	{ 9 Cts/S	11191	59.312	0.53	11233	11149

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0005	0.0001	19.79	0.0005	0.0004
Al3082	308.215	{1	In2306	ppm	0.0379	0.025	66.09	0.0555	0.0202
As1890	189.042	{4	Y_2243	ppm	0.0015	0.0019	125.3	0.0002	0.0028
B_2496	249.678	{1	Y_3710	ppm	0.0454	0.0005	1.199	0.0458	0.045
Ba4554	455.403	{ 7	Y_3710	ppm	0.0305	0.0002	0.6874	0.0306	0.0303
Be3130	313.042	{1	Y_3710	ppm	0.0003	0.0001	26.58	0.0003	0.0002
Ca3158	315.887	{1	In2306	ppm	13.13	0.0589	0.4487	13.17	13.09
Ca3181	318.128	{1	In2306	ppm	12.92	0.0678	0.5245	12.97	12.88
Cd2288	228.802	{4	Y_2243	ppm	0.0007	0.0011	148.3	0	0.0015
Co2286	228.616	{4	In2306	ppm	0.0019	0.0022	114.9	0.0004	0.0035
Cr2677	267.716	{1	Y_3600	ppm	0.0005	0.0001	25.3	0.0005	0.0004
Cu3247	324.754	{1	Y_3600	ppm	0.0008	0.0002	19.95	0.0007	0.0009
Fe2404	240.488	{1	In2306	ppm	0.0208	0.0001	0.5721	0.0207	0.0209
K_7664	766.490	{ 4	Y_3710	ppm	5.19	0.0144	0.2773	5.18	5.2
K_7698	769.896	{ 4	Y_3710	ppm	5.325	0.0165	0.3107	5.337	5.314
Li6707	670.784	{ 5	Y_3710	ppm	0.0061	0.0003	4.586	0.0062	0.0059
Mg2790	279.079	{1	Y_3710	ppm	3.51	0.016	0.4568	3.521	3.499
Mn2576	257.610	{1	Y_3600	ppm	0.0106	0.0003	2.423	0.0104	0.0107
Mn2576-2	257.610	{1	Y_3710	ppm	0.011	0.0009	8.361	0.0116	0.0103
Mo2020	202.030	{4	Y_2243	ppm	0.0318	0.0041	12.86	0.0289	0.0347
Na5895	589.592	{ 5	Y_3710	ppm	79.91	0.3537	0.4427	79.66	80.16
Na8183	818.326	{ 4	Y_3710	ppm	77.91	0.1178	0.1512	77.82	77.99
Ni2316	231.604	{4	In2306	ppm	0.0049	0.0021	43.69	0.0034	0.0064
P_1782	178.284	{4	In2306	ppm	0.0203	0.0026	12.83	0.0185	0.0222
Pb2203	220.353	{4	In2306	ppm	0.002	0.0017	85.43	0.0008	0.0033
S_1820	182.034	{4	Y_2243	ppm	-5817	121.9	2.096	-5731	-5903
Sb2068	206.833	{4	Y_2243	ppm	0.0126	0.0038	30.06	0.0099	0.0153
Se1960	196.090	{4	Y_2243	ppm	0.002	0.0023	115	0.0004	0.0036
Si2516	251.611	{1	Y_3710	ppm	0.6525	0.0045	0.6937	0.6493	0.6557
Sn1899	189.989	{4	In2306	ppm	0.0029	0.0027	95.67	0.0009	0.0048
Sr4215	421.552	{ 8	Y_3710	ppm	0.1649	0.0011	0.6868	0.1657	0.1641
Ti3349	334.904	{1	Y_3600	ppm	0.0022	0.0002	7.642	0.0021	0.0023
Tl1908	190.856	{4	In2306	ppm	0	0.0024	6902	-0.0017	0.0017
V_2924	292.402	{1	Y_3600	ppm	0.0018	0.0005	25.92	0.0015	0.0021
Zn2062	206.200	{4	In2306	ppm	0.008	0.0021	26.25	0.0065	0.0094

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	155.62	0.12653	0.08131	155.53	155.71
In2306	230.606	{4	Cts/S	9744	136.64	1.4023	9840.6	9647.3
Y_2243	224.306	{4	Cts/S	12637	205.63	1.6272	12782	12492
Y_3600	360.073	{ 9	Cts/S	102830	2026.7	1.9708	104270	101400
Y_3710	371.030	{ 9	Cts/S	11538	37.712	0.32685	11511	11565

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.236	0.0075	3.163	0.2413	0.2307
Al3082	308.215	{1 In2306	ppm	2.847	0.1157	4.065	2.929	2.765
As1890	189.042	{4 Y_2243	ppm	0.5039	0.0005	0.1023	0.5036	0.5043
B_2496	249.678	{1 Y_3710	ppm	0.4845	0.0142	2.926	0.4946	0.4745
Ba4554	455.403	{ 7 Y_3710	ppm	0.5526	0.019	3.447	0.5661	0.5392
Be3130	313.042	{1 Y_3710	ppm	0.5064	0.0187	3.685	0.5196	0.4932
Ca3158	315.887	{1 In2306	ppm	13.76	0.5639	4.098	14.16	13.36
Ca3181	318.128	{1 In2306	ppm	13.61	0.5124	3.766	13.97	13.24
Cd2288	228.802	{4 Y_2243	ppm	0.4944	0.0016	0.3191	0.4933	0.4956
Co2286	228.616	{4 In2306	ppm	0.4828	0.0011	0.2378	0.482	0.4836
Cr2677	267.716	{1 Y_3600	ppm	0.4617	0.0163	3.538	0.4732	0.4501
Cu3247	324.754	{1 Y_3600	ppm	0.4728	0.0143	3.031	0.4829	0.4626
Fe2404	240.488	{1 In2306	ppm	2.591	0.1207	4.657	2.676	2.506
K_7664	766.490	{ 4 Y_3710	ppm	14.83	0.5973	4.028	15.25	14.41
K_7698	769.896	{ 4 Y_3710	ppm	14.96	0.718	4.799	15.47	14.45
Li6707	670.784	{ 5 Y_3710	ppm	0.6149	0.0256	4.161	0.633	0.5968
Mg2790	279.079	{1 Y_3710	ppm	4.843	0.1551	3.203	4.952	4.733
Mn2576	257.610	{1 Y_3600	ppm	0.4658	0.0161	3.456	0.4772	0.4544
Mn2576-2	257.610	{1 Y_3710	ppm	0.4833	0.019	3.921	0.4967	0.4699
Mo2020	202.030	{4 Y_2243	ppm	0.5218	0.0002	0.0442	0.5219	0.5216
Na5895	589.592	{ 5 Y_3710	ppm	15.31	0.6331	4.135	15.76	14.86
Na8183	818.326	{ 4 Y_3710	ppm	14.48	0.526	3.633	14.85	14.1
Ni2316	231.604	{4 In2306	ppm	0.489	0.0024	0.4868	0.4873	0.4907
P_1782	178.284	{4 In2306	ppm	-0.0005	0.0004	70.31	-0.0008	-0.0003
Pb2203	220.353	{4 In2306	ppm	0.488	0.001	0.2015	0.4873	0.4887
S_1820	182.034	{4 Y_2243	ppm	-245.4	4.426	1.804	-242.3	-248.5
Sb2068	206.833	{4 Y_2243	ppm	0.5007	0.0028	0.567	0.5027	0.4987
Se1960	196.090	{4 Y_2243	ppm	0.5175	0.0007	0.1341	0.517	0.518
Si2516	251.611	{1 Y_3710	ppm	0.9168	0.0299	3.257	0.9379	0.8956
Sn1899	189.989	{4 In2306	ppm	0.4824	0.0016	0.3393	0.4812	0.4835
Sr4215	421.552	{ 8 Y_3710	ppm	0.2786	0.0094	3.391	0.2853	0.272
Ti3349	334.904	{1 Y_3600	ppm	0.4586	0.0134	2.925	0.4681	0.4492
Tl1908	190.856	{4 In2306	ppm	0.5039	0.0017	0.3435	0.5027	0.5051
V_2924	292.402	{1 Y_3600	ppm	0.4601	0.014	3.033	0.47	0.4502
Zn2062	206.200	{4 In2306	ppm	0.4788	0.0021	0.447	0.4773	0.4803

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	151.7	5.0525	3.3307	148.12	155.27
In2306	230.606	{4 Cts/S	10007	25.666	0.25649	10025	9988.4
Y_2243	224.306	{4 Cts/S	12873	18.301	0.14217	12886	12860
Y_3600	360.073	{ 9 Cts/S	106070	2874.4	2.7098	104040	108110
Y_3710	371.030	{ 9 Cts/S	11032	347.41	3.149	10787	11278

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0052	0.0003	6.407	0.0055	0.005
Al3082	308.215	{1 In2306	ppm	0.1195	0.0251	20.97	0.1018	0.1372
As1890	189.042	{4 Y_2243	ppm	0.0094	0.0015	16.33	0.0083	0.0105
B_2496	249.678	{1 Y_3710	ppm	0.0098	0.0046	47.47	0.013	0.0065
Ba4554	455.403	{ 7 Y_3710	ppm	0.0105	0.0001	1.035	0.0106	0.0105
Be3130	313.042	{1 Y_3710	ppm	0.0048	0.0001	2.127	0.0049	0.0048
Ca3158	315.887	{1 In2306	ppm	0.1003	0.0078	7.789	0.0948	0.1058
Ca3181	318.128	{1 In2306	ppm	0.0883	0.007	7.984	0.0933	0.0833
Cd2288	228.802	{4 Y_2243	ppm	0.0061	0.0015	24.86	0.005	0.0071
Co2286	228.616	{4 In2306	ppm	0.0105	0.0014	13.17	0.0095	0.0114
Cr2677	267.716	{1 Y_3600	ppm	0.0096	0	0.1494	0.0096	0.0096
Cu3247	324.754	{1 Y_3600	ppm	0.0099	0.0002	2.004	0.01	0.0098
Fe2404	240.488	{1 In2306	ppm	0.1043	0.0015	1.46	0.1054	0.1033
K_7664	766.490	{ 4 Y_3710	ppm	0.7046	0.0334	4.742	0.681	0.7282
K_7698	769.896	{ 4 Y_3710	ppm	0.7909	0.0217	2.739	0.7756	0.8062
Li6707	670.784	{ 5 Y_3710	ppm	0.0117	0.0003	2.282	0.0115	0.0119
Mg2790	279.079	{1 Y_3710	ppm	0.1055	0.0443	41.98	0.0742	0.1368
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0	0.1039	0.0098	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0088	0.0005	5.546	0.0085	0.0092
Mo2020	202.030	{4 Y_2243	ppm	0.013	0.0024	18.16	0.0113	0.0146
Na5895	589.592	{ 5 Y_3710	ppm	0.751	0.0067	0.8959	0.7463	0.7558
Na8183	818.326	{ 4 Y_3710	ppm	0.6258	0.0219	3.497	0.6104	0.6413
Ni2316	231.604	{4 In2306	ppm	0.0108	0.0013	12.06	0.0099	0.0117
P_1782	178.284	{4 In2306	ppm	0.0086	0.0005	5.45	0.0083	0.0089
Pb2203	220.353	{4 In2306	ppm	0.0117	0.0019	16.02	0.0104	0.013
S_1820	182.034	{4 Y_2243	ppm	-5.776	0.5185	8.978	-5.409	-6.142
Sb2068	206.833	{4 Y_2243	ppm	0.0188	0.0012	6.197	0.0179	0.0196
Se1960	196.090	{4 Y_2243	ppm	0.0107	0.0004	3.67	0.0105	0.011
Si2516	251.611	{1 Y_3710	ppm	0.0029	0.0018	60.21	0.0017	0.0042
Sn1899	189.989	{4 In2306	ppm	0.0112	0.0019	17.1	0.0099	0.0126
Sr4215	421.552	{ 8 Y_3710	ppm	0.0051	0.0002	3.145	0.005	0.0052
Ti3349	334.904	{1 Y_3600	ppm	0.01	0.0003	2.624	0.0102	0.0098
Tl1908	190.856	{4 In2306	ppm	0.0111	0.0012	11	0.0103	0.012
V_2924	292.402	{1 Y_3600	ppm	0.0092	0.0001	1.457	0.0093	0.0091
Zn2062	206.200	{4 In2306	ppm	0.0102	0.0016	15.75	0.0091	0.0114

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	159.05	1.2151	0.76402	159.91	158.19
In2306	230.606	{4 Cts/S	10559	18.299	0.1733	10546	10572
Y_2243	224.306	{4 Cts/S	13007	8.1299	0.0625	13001	13013
Y_3600	360.073	{ 9 Cts/S	107350	458.52	0.42711	107030	107680
Y_3710	371.030	{ 9 Cts/S	11519	49.127	0.42649	11554	11484

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0	0.2301	0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	0.0155	0.0047	30.51	0.0122	0.0188
As1890	189.042	{4 Y_2243	ppm	-0.0016	0.0006	39.33	-0.002	-0.0012
B_2496	249.678	{1 Y_3710	ppm	-0.0004	0.001	268.2	0.0003	-0.0011
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0002	2443	-0.0001	0.0001
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	241.2	0.0002	0
Ca3158	315.887	{1 In2306	ppm	0.0017	0.0066	396.5	-0.003	0.0063
Ca3181	318.128	{1 In2306	ppm	0.0337	0.0014	4.034	0.0346	0.0327
Cd2288	228.802	{4 Y_2243	ppm	0	0	1122	0	0
Co2286	228.616	{4 In2306	ppm	0	0.0001	244.5	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0002	39.4	-0.0005	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0006	0.0001	11.76	0.0006	0.0007
Fe2404	240.488	{1 In2306	ppm	0	0.0018	5394	-0.0013	0.0013
K_7664	766.490	{ 4 Y_3710	ppm	0.0043	0.0067	157.1	0.0091	-0.0005
K_7698	769.896	{ 4 Y_3710	ppm	0.1119	0.0961	85.9	0.1798	0.0439
Li6707	670.784	{ 5 Y_3710	ppm	0.0009	0.0001	7.69	0.001	0.0009
Mg2790	279.079	{1 Y_3710	ppm	0.0078	0.0345	441.1	-0.0166	0.0322
Mn2576	257.610	{1 Y_3600	ppm	0	0	22.75	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0	0.0005	1245	-0.0003	0.0004
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0002	81.36	0.0001	0.0004
Na5895	589.592	{ 5 Y_3710	ppm	0.0451	0.0049	10.87	0.0486	0.0416
Na8183	818.326	{ 4 Y_3710	ppm	0.0031	0.1469	4778	-0.1008	0.107
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0003	52.01	0.0007	0.0003
P_1782	178.284	{4 In2306	ppm	-0.0009	0.0005	62.85	-0.0005	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.001	0.0007	64.49	0.0006	0.0015
S_1820	182.034	{4 Y_2243	ppm	-4.487	0.598	13.33	-4.91	-4.064
Sb2068	206.833	{4 Y_2243	ppm	0.0013	0.0004	27.94	0.0011	0.0016
Se1960	196.090	{4 Y_2243	ppm	-0.0012	0.001	86.78	-0.0019	-0.0004
Si2516	251.611	{1 Y_3710	ppm	0.004	0.0001	1.545	0.0039	0.004
Sn1899	189.989	{4 In2306	ppm	0.0004	0.0005	112.3	0.0001	0.0007
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0	6.213	-0.0002	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0	2.248	0.0003	0.0003
Tl1908	190.856	{4 In2306	ppm	-0.0006	0.0003	43.73	-0.0004	-0.0008
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0001	75.59	-0.0001	0
Zn2062	206.200	{4 In2306	ppm	0	0	90.34	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	158.7	1.8434	1.1616	160	157.39
In2306	230.606	{4 Cts/S	10579	13.663	0.12915	10589	10569
Y_2243	224.306	{4 Cts/S	12953	28.715	0.22169	12973	12932
Y_3600	360.073	{ 9 Cts/S	107170	558.8	0.52143	106770	107560
Y_3710	371.030	{ 9 Cts/S	11584	120.59	1.041	11669	11499

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0001	24.25	0.0003	0.0004
Al3082	308.215 {1	In2306	ppm	577.6	3.575	0.619	580.1	575.1
As1890	189.042 {4	Y_2243	ppm	-0.0015	0.0018	117.6	-0.0003	-0.0028
B_2496	249.678 {1	Y_3710	ppm	0.0052	0	0.031	0.0052	0.0052
Ba4554	455.403 {	Y_3710	ppm	0.0001	0.0001	112.2	0.0002	0
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	107.1	0.0002	0
Ca3158	315.887 {1	In2306	ppm	543	8.922	1.643	549.3	536.7
Ca3181	318.128 {1	In2306	ppm	541	8.765	1.62	547.2	534.8
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	23.53	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	26.13	0.0003	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0022	0	0.443	0.0022	0.0022
Cu3247	324.754 {1	Y_3600	ppm	0.0034	0.0001	3.395	0.0035	0.0033
Fe2404	240.488 {1	In2306	ppm	199.4	2.751	1.38	201.3	197.5
K_7664	766.490 {	Y_3710	ppm	0.0116	0.0366	317	0.0374	-0.0143
K_7698	769.896 {	Y_3710	ppm	-0.0459	0.0228	49.74	-0.0298	-0.062
Li6707	670.784 {	Y_3710	ppm	0.0111	0.0006	5.454	0.0107	0.0115
Mg2790	279.079 {1	Y_3710	ppm	570.6	2.912	0.5102	572.7	568.6
Mn2576	257.610 {1	Y_3600	ppm	-0.0053	0	0.5303	-0.0053	-0.0053
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0073	0	0.495	-0.0073	-0.0073
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0.0001	253.1	-0.0002	0
Na5895	589.592 {	Y_3710	ppm	0.0891	0.0047	5.26	0.0924	0.0858
Na8183	818.326 {	Y_3710	ppm	0.9326	0.0705	7.558	0.8828	0.9825
Ni2316	231.604 {4	In2306	ppm	0.0054	0	0.0052	0.0054	0.0054
P_1782	178.284 {4	In2306	ppm	0.0014	0.0009	62.7	0.0008	0.002
Pb2203	220.353 {4	In2306	ppm	-0.0268	0.0007	2.591	-0.0263	-0.0273
S_1820	182.034 {4	Y_2243	ppm	16.66	3.005	18.04	14.53	18.78
Sb2068	206.833 {4	Y_2243	ppm	-0.0052	0.0025	48	-0.0034	-0.007
Se1960	196.090 {4	Y_2243	ppm	-0.0005	0.0016	310.9	-0.0016	0.0006
Si2516	251.611 {1	Y_3710	ppm	0.004	0.0105	262	-0.0034	0.0115
Sn1899	189.989 {4	In2306	ppm	0.0016	0.0002	9.535	0.0017	0.0015
Sr4215	421.552 {	Y_3710	ppm	0.0026	0.0001	4.053	0.0025	0.0027
Ti3349	334.904 {1	Y_3600	ppm	0.0028	0.0005	19.3	0.0031	0.0024
Tl1908	190.856 {4	In2306	ppm	-0.0071	0.0009	12.19	-0.0078	-0.0065
V_2924	292.402 {1	Y_3600	ppm	-0.0059	0	0.0511	-0.0059	-0.0059
Zn2062	206.200 {4	In2306	ppm	0.0044	0.0001	1.488	0.0044	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	146.67	1.5125	1.0312	145.6	147.74
In2306	230.606 {4	Cts/S	7725.2	9.8213	0.12713	7732.1	7718.3
Y_2243	224.306 {4	Cts/S	11285	27.296	0.24188	11304	11266
Y_3600	360.073 {	Cts/S	91100	982.93	1.079	90405	91795
Y_3710	371.030 {	Cts/S	9856	9.613	0.09753	9862.8	9849.2

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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5498	0.0009	0.1604	0.5492	0.5504
Al3082	308.215	{1 In2306	ppm	594.5	1.748	0.2941	595.7	593.2
As1890	189.042	{4 Y_2243	ppm	1.059	0.0033	0.3129	1.061	1.057
B_2496	249.678	{1 Y_3710	ppm	1.054	0.008	0.7554	1.048	1.06
Ba4554	455.403	{ 7 Y_3710	ppm	1.24	0.0071	0.5762	1.235	1.245
Be3130	313.042	{1 Y_3710	ppm	0.5274	0.001	0.1924	0.5267	0.5281
Ca3158	315.887	{1 In2306	ppm	566.4	8.701	1.536	572.6	560.3
Ca3181	318.128	{1 In2306	ppm	563.3	8.902	1.58	569.6	557
Cd2288	228.802	{4 Y_2243	ppm	0.5265	0.0018	0.3373	0.5277	0.5252
Co2286	228.616	{4 In2306	ppm	0.9819	0.0002	0.0209	0.9818	0.9821
Cr2677	267.716	{1 Y_3600	ppm	0.8945	0.0034	0.3774	0.8969	0.8921
Cu3247	324.754	{1 Y_3600	ppm	1.054	0.0073	0.6946	1.049	1.059
Fe2404	240.488	{1 In2306	ppm	213	2.854	1.339	215.1	211
K_7664	766.490	{ 4 Y_3710	ppm	13.19	0.241	1.828	13.02	13.36
K_7698	769.896	{ 4 Y_3710	ppm	13.33	0.3215	2.412	13.1	13.55
Li6707	670.784	{ 5 Y_3710	ppm	1.335	0.0306	2.294	1.314	1.357
Mg2790	279.079	{1 Y_3710	ppm	581.5	1.609	0.2766	582.6	580.4
Mn2576	257.610	{1 Y_3600	ppm	0.906	0.0031	0.3437	0.9082	0.9038
Mn2576-2	257.610	{1 Y_3710	ppm	1.03	0.0012	0.1143	1.03	1.029
Mo2020	202.030	{4 Y_2243	ppm	0.9784	0.006	0.6129	0.9827	0.9742
Na5895	589.592	{ 5 Y_3710	ppm	13.28	0.2714	2.045	13.08	13.47
Na8183	818.326	{ 4 Y_3710	ppm	13.85	0.0959	0.6928	13.78	13.92
Ni2316	231.604	{4 In2306	ppm	0.9961	0.0027	0.2711	0.998	0.9942
P_1782	178.284	{4 In2306	ppm	1.124	0.0012	0.1079	1.125	1.123
Pb2203	220.353	{4 In2306	ppm	0.9428	0.0034	0.3558	0.9404	0.9451
S_1820	182.034	{4 Y_2243	ppm	28.12	1.09	3.876	27.35	28.89
Sb2068	206.833	{4 Y_2243	ppm	1.029	0.0112	1.091	1.037	1.021
Se1960	196.090	{4 Y_2243	ppm	1.071	0.0065	0.6029	1.075	1.066
Si2516	251.611	{1 Y_3710	ppm	0.9901	0.0005	0.0505	0.9904	0.9897
Sn1899	189.989	{4 In2306	ppm	0.965	0.0001	0.0133	0.9651	0.9649
Sr4215	421.552	{ 8 Y_3710	ppm	0.5987	0.0033	0.5447	0.5963	0.601
Ti3349	334.904	{1 Y_3600	ppm	0.9009	0.0011	0.12	0.9001	0.9016
Tl1908	190.856	{4 In2306	ppm	0.9548	0.0093	0.972	0.9614	0.9483
V_2924	292.402	{1 Y_3600	ppm	0.8948	0.0021	0.2374	0.8963	0.8933
Zn2062	206.200	{4 In2306	ppm	0.9868	0.0008	0.0857	0.9862	0.9874

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	143	1.1735	0.82062	142.18	143.83
In2306	230.606	{4 Cts/S	7591.2	1.555	0.02048	7592.3	7590.1
Y_2243	224.306	{4 Cts/S	11162	23.381	0.20948	11145	11178
Y_3600	360.073	{ 9 Cts/S	90279	76.049	0.08424	90332	90225
Y_3710	371.030	{ 9 Cts/S	9758.5	25.6	0.26234	9776.6	9740.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2405	0.0008	0.3178	0.2411	0.24
Al3082	308.215	{1 In2306	ppm	2.67	0.0083	0.3117	2.676	2.664
As1890	189.042	{4 Y_2243	ppm	0.5014	0.0164	3.262	0.4898	0.513
B_2496	249.678	{1 Y_3710	ppm	0.4558	0.0056	1.218	0.4519	0.4597
Ba4554	455.403	{ 7 Y_3710	ppm	0.5269	0.0025	0.4809	0.5251	0.5287
Be3130	313.042	{1 Y_3710	ppm	0.4798	0.0006	0.1236	0.4794	0.4802
Ca3158	315.887	{1 In2306	ppm	13.33	0.0559	0.419	13.29	13.37
Ca3181	318.128	{1 In2306	ppm	13.06	0.0083	0.0636	13.06	13.07
Cd2288	228.802	{4 Y_2243	ppm	0.4859	0.0125	2.57	0.4771	0.4947
Co2286	228.616	{4 In2306	ppm	0.4754	0.0153	3.211	0.4646	0.4862
Cr2677	267.716	{1 Y_3600	ppm	0.4737	0.0002	0.038	0.4738	0.4736
Cu3247	324.754	{1 Y_3600	ppm	0.4787	0.0036	0.7596	0.4812	0.4761
Fe2404	240.488	{1 In2306	ppm	2.505	0.0169	0.6734	2.493	2.517
K_7664	766.490	{ 4 Y_3710	ppm	13.99	0.1524	1.089	13.88	14.1
K_7698	769.896	{ 4 Y_3710	ppm	14.16	0.1698	1.2	14.03	14.28
Li6707	670.784	{ 5 Y_3710	ppm	0.5811	0.0096	1.654	0.5743	0.5878
Mg2790	279.079	{1 Y_3710	ppm	4.666	0.0116	0.2496	4.674	4.658
Mn2576	257.610	{1 Y_3600	ppm	0.4753	0.0014	0.3044	0.4763	0.4743
Mn2576-2	257.610	{1 Y_3710	ppm	0.463	0.0007	0.1502	0.4625	0.4635
Mo2020	202.030	{4 Y_2243	ppm	0.5168	0.0149	2.874	0.5063	0.5273
Na5895	589.592	{ 5 Y_3710	ppm	14.43	0.1794	1.243	14.3	14.56
Na8183	818.326	{ 4 Y_3710	ppm	13.76	0.0355	0.2577	13.74	13.79
Ni2316	231.604	{4 In2306	ppm	0.4822	0.0156	3.238	0.4712	0.4933
P_1782	178.284	{4 In2306	ppm	0.0018	0.0037	203.2	-0.0008	0.0044
Pb2203	220.353	{4 In2306	ppm	0.48	0.0141	2.928	0.4701	0.49
S_1820	182.034	{4 Y_2243	ppm	-235.1	5.184	2.205	-231.4	-238.8
Sb2068	206.833	{4 Y_2243	ppm	0.518	0.0149	2.867	0.5075	0.5285
Se1960	196.090	{4 Y_2243	ppm	0.5139	0.0138	2.691	0.5041	0.5237
Si2516	251.611	{1 Y_3710	ppm	0.8596	0.0139	1.611	0.8498	0.8694
Sn1899	189.989	{4 In2306	ppm	0.4762	0.015	3.153	0.4656	0.4868
Sr4215	421.552	{ 8 Y_3710	ppm	0.2646	0.0006	0.2399	0.2642	0.2651
Ti3349	334.904	{1 Y_3600	ppm	0.4692	0.0002	0.0367	0.4693	0.4691
Tl1908	190.856	{4 In2306	ppm	0.4995	0.0142	2.846	0.4894	0.5095
V_2924	292.402	{1 Y_3600	ppm	0.4681	0.0015	0.3255	0.4692	0.4671
Zn2062	206.200	{4 In2306	ppm	0.4705	0.0157	3.344	0.4594	0.4816

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	155.07	1.4363	0.92627	156.08	154.05
In2306	230.606	{4 Cts/S	10102	256.11	2.5353	10283	9920.6
Y_2243	224.306	{4 Cts/S	12981	267.67	2.062	13170	12792
Y_3600	360.073	{ 9 Cts/S	104720	113.85	0.10872	104640	104800
Y_3710	371.030	{ 9 Cts/S	11360	14.361	0.12642	11370	11350

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0001	18.91	0.0003	0.0003
Al3082	308.215	{1 In2306	ppm	0.0026	0.0109	425.6	0.0103	-0.0052
As1890	189.042	{4 Y_2243	ppm	0.002	0.0034	167.1	-0.0004	0.0044
B_2496	249.678	{1 Y_3710	ppm	-0.0001	0.004	2864	-0.003	0.0027
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0001	0.0001	75.3	-0.0001	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	41.63	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	0.0064	0.0117	183.3	0.0146	-0.0019
Ca3181	318.128	{1 In2306	ppm	-0.0101	0.0026	25.21	-0.0083	-0.0119
Cd2288	228.802	{4 Y_2243	ppm	0.0026	0.0032	123.9	0.0003	0.0048
Co2286	228.616	{4 In2306	ppm	0.0026	0.0032	121.3	0.0004	0.0049
Cr2677	267.716	{1 Y_3600	ppm	0	0.0001	737.4	-0.0001	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0004	0	9.449	0.0004	0.0003
Fe2404	240.488	{1 In2306	ppm	-0.0002	0.002	1080	0.0012	-0.0016
K_7664	766.490	{ 4 Y_3710	ppm	0.0091	0.0181	199.4	-0.0037	0.0219
K_7698	769.896	{ 4 Y_3710	ppm	0.1326	0.0457	34.48	0.1649	0.1003
Li6707	670.784	{ 5 Y_3710	ppm	0	0.0004	23820	-0.0003	0.0003
Mg2790	279.079	{1 Y_3710	ppm	-0.0229	0.0229	100.2	-0.0067	-0.0391
Mn2576	257.610	{1 Y_3600	ppm	0	0	140.8	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0003	0.0002	59.57	0.0002	0.0004
Mo2020	202.030	{4 Y_2243	ppm	0.0047	0.0047	100.7	0.0013	0.008
Na5895	589.592	{ 5 Y_3710	ppm	0.0358	0.0051	14.25	0.0394	0.0322
Na8183	818.326	{ 4 Y_3710	ppm	0.631	0.0341	5.398	0.6551	0.6069
Ni2316	231.604	{4 In2306	ppm	0.0031	0.0035	115.6	0.0006	0.0056
P_1782	178.284	{4 In2306	ppm	-0.0004	0.0005	128.5	-0.0007	0
Pb2203	220.353	{4 In2306	ppm	0.0033	0.0029	88.13	0.0013	0.0054
S_1820	182.034	{4 Y_2243	ppm	-2.215	0.5737	25.9	-1.81	-2.621
Sb2068	206.833	{4 Y_2243	ppm	0.0147	0.0042	28.61	0.0118	0.0177
Se1960	196.090	{4 Y_2243	ppm	0.0024	0.0026	107.7	0.0006	0.0042
Si2516	251.611	{1 Y_3710	ppm	0.0024	0.0028	113.8	0.0044	0.0005
Sn1899	189.989	{4 In2306	ppm	0.0038	0.0042	109.6	0.0009	0.0067
Sr4215	421.552	{ 8 Y_3710	ppm	0	0	53.85	-0.0001	0
Ti3349	334.904	{1 Y_3600	ppm	0.0007	0.0001	19.32	0.0008	0.0006
Tl1908	190.856	{4 In2306	ppm	0.004	0.0043	106.6	0.001	0.0071
V_2924	292.402	{1 Y_3600	ppm	0.0002	0	19.28	0.0003	0.0002
Zn2062	206.200	{4 In2306	ppm	0.0026	0.0033	128.7	0.0002	0.0049

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	158.67	0.8232	0.5188	158.09	159.26
In2306	230.606	{4 Cts/S	10604	3.0966	0.0292	10602	10606
Y_2243	224.306	{4 Cts/S	13048	45.783	0.35087	13016	13081
Y_3600	360.073	{ 9 Cts/S	107420	112.26	0.1045	107500	107340
Y_3710	371.030	{ 9 Cts/S	11217	5.5433	0.04942	11221	11213

[Sample Header]
Method=ICP6500Metals_TRY3(v611)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 17:13:20
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0002	100.4	0.0001	0.0003
Al3082	308.215	{1 In2306	ppm	0.0089	0.0081	89.99	0.0033	0.0146
As1890	189.042	{4 Y_2243	ppm	0.0003	0.0005	159.2	0.0007	0
B_2496	249.678	{1 Y_3710	ppm	-0.0008	0.0015	187.9	0.0003	-0.0018
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0002	1426	0.0002	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	39.02	0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.019	0.0018	9.446	-0.0203	-0.0178
Ca3181	318.128	{1 In2306	ppm	-0.0235	0.0184	78.34	-0.0366	-0.0105
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0001	69.07	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	57.15	0.0001	0.0003
Cr2677	267.716	{1 Y_3600	ppm	-0.0001	0.0001	51.02	-0.0001	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0007	0	2.636	0.0007	0.0008
Fe2404	240.488	{1 In2306	ppm	-0.0008	0.0066	869.2	-0.0054	0.0039
K_7664	766.490	{ 4 Y_3710	ppm	0.0137	0.015	109.2	0.0243	0.0031
K_7698	769.896	{ 4 Y_3710	ppm	-0.4499	0.0249	5.531	-0.4323	-0.4675
Li6707	670.784	{ 5 Y_3710	ppm	-0.0003	0.0004	125.4	0	-0.0006
Mg2790	279.079	{1 Y_3710	ppm	0.0035	0.0093	264.8	0.0101	-0.0031
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	29.02	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0005	0.0009	199.5	0.0011	-0.0002
Mo2020	202.030	{4 Y_2243	ppm	-0.0001	0.0003	447.2	-0.0003	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.0303	0.0043	14.1	0.0333	0.0273
Na8183	818.326	{ 4 Y_3710	ppm	-0.0721	0.097	134.5	-0.0035	-0.1407
Ni2316	231.604	{4 In2306	ppm	0	0.0002	530.1	-0.0001	0.0002
P_1782	178.284	{4 In2306	ppm	-0.0018	0.0004	21.77	-0.0015	-0.0021
Pb2203	220.353	{4 In2306	ppm	0.0016	0.0009	57.22	0.0022	0.0009
S_1820	182.034	{4 Y_2243	ppm	-0.9653	0.0704	7.293	-0.9156	-1.015
Sb2068	206.833	{4 Y_2243	ppm	-0.0028	0.0009	31.3	-0.0034	-0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.0017	320.9	0.0007	-0.0018
Si2516	251.611	{1 Y_3710	ppm	-0.0076	0.0047	62.21	-0.0043	-0.011
Sn1899	189.989	{4 In2306	ppm	-0.0007	0.0001	10.35	-0.0007	-0.0006
Sr4215	421.552	{ 8 Y_3710	ppm	0	0	239.3	0	0
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0.0002	164.5	0.0003	0
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0012	283.2	0.0004	-0.0012
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0001	86.48	0	-0.0001
Zn2062	206.200	{4 In2306	ppm	-0.0001	0.0002	369	-0.0002	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	166.96	0.16812	0.10069	166.84	167.08
In2306	230.606	{4 Cts/S	10950	48.126	0.4395	10984	10916
Y_2243	224.306	{4 Cts/S	13240	61.864	0.46725	13284	13196
Y_3600	360.073	{ 9 Cts/S	108090	1786.6	1.6528	106830	109360
Y_3710	371.030	{ 9 Cts/S	11571	41.022	0.35454	11600	11542

[Sample Header]
Method=ICP6500Metals_TRY3(v611)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 17:16:01
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0005	0.0002	45.99	0.0006	0.0003
Al3082	308.215	{1 In2306	ppm	-0.0022	0.0031	142.4	-0.0043	0
As1890	189.042	{4 Y_2243	ppm	-0.0018	0	2.542	-0.0018	-0.0018
B_2496	249.678	{1 Y_3710	ppm	-0.0004	0.0017	398.7	0.0008	-0.0016
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0001	22.18	-0.0004	-0.0003
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	70.18	0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.0196	0.006	30.48	-0.0238	-0.0153
Ca3181	318.128	{1 In2306	ppm	-0.0425	0.0331	77.99	-0.0659	-0.0191
Cd2288	228.802	{4 Y_2243	ppm	-0.0002	0	1.11	-0.0002	-0.0002
Co2286	228.616	{4 In2306	ppm	0	0.0001	281.7	-0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	37.02	-0.0002	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0008	0.0002	24.72	0.001	0.0007
Fe2404	240.488	{1 In2306	ppm	-0.0108	0.0018	16.33	-0.0121	-0.0096
K_7664	766.490	{ 4 Y_3710	ppm	-0.0205	0.0076	37.09	-0.0259	-0.0151
K_7698	769.896	{ 4 Y_3710	ppm	-0.4588	0.0469	10.21	-0.4919	-0.4257
Li6707	670.784	{ 5 Y_3710	ppm	0.0005	0.0001	19.21	0.0005	0.0004
Mg2790	279.079	{1 Y_3710	ppm	-0.0077	0.0234	301.7	-0.0243	0.0088
Mn2576	257.610	{1 Y_3600	ppm	0	0	1347	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0002	0	13.61	-0.0002	-0.0002
Mo2020	202.030	{4 Y_2243	ppm	-0.0002	0	2.517	-0.0002	-0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.0265	0.0053	20.13	0.0227	0.0302
Na8183	818.326	{ 4 Y_3710	ppm	-0.0166	0.0782	470.9	0.0387	-0.0719
Ni2316	231.604	{4 In2306	ppm	-0.0002	0	2.246	-0.0002	-0.0001
P_1782	178.284	{4 In2306	ppm	-0.0014	0.0003	20.13	-0.0016	-0.0012
Pb2203	220.353	{4 In2306	ppm	0.0014	0.0003	18.21	0.0016	0.0012
S_1820	182.034	{4 Y_2243	ppm	-0.4364	0.0087	1.985	-0.4303	-0.4425
Sb2068	206.833	{4 Y_2243	ppm	-0.0022	0.0004	16.69	-0.0025	-0.0019
Se1960	196.090	{4 Y_2243	ppm	0.0002	0.001	489.2	0.0009	-0.0005
Si2516	251.611	{1 Y_3710	ppm	-0.0051	0.0031	61.51	-0.0073	-0.0029
Sn1899	189.989	{4 In2306	ppm	-0.0003	0.0002	64.95	-0.0004	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	72.95	-0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0001	0.0001	99.49	0	0.0002
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0003	167.3	0	0.0003
V_2924	292.402	{1 Y_3600	ppm	0	0.0001	238.5	0	-0.0001
Zn2062	206.200	{4 In2306	ppm	-0.0003	0.0001	19.64	-0.0003	-0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	165.9	3.5438	2.1361	168.4	163.39
In2306	230.606	{4 Cts/S	10866	35.596	0.3276	10891	10841
Y_2243	224.306	{4 Cts/S	13055	58.351	0.44698	13096	13013
Y_3600	360.073	{ 9 Cts/S	107530	957.25	0.89024	106850	108200
Y_3710	371.030	{ 9 Cts/S	11701	428.26	3.6599	12004	11399

Method: 20076010 01/06/12 07:21:51 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A010612	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/06/12 07:31:09 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/06/12 07:27:46

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01356	.00299	-.00162	.00055	-.04736	.00768	.00224
SDev	.00032	.00183	.00151	.00067	.00063	.00371	.00149
%RSD	2.3187	61.086	92.985	121.29	1.3371	48.340	66.531
#1	.01379	.00428	-.00055	.00103	-.04691	.01030	.00329
#2	.01334	.00170	-.00268	.00008	-.04780	.00505	.00118

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00544	.00014	-.00067	.00514	.00143	.05092	.02499
SDev	.00004	.00076	.00017	.00046	.00381	.00061	.00023
%RSD	.77152	541.94	24.707	8.9591	266.47	1.1909	.92856
#1	.00547	.00067	-.00055	.00547	.00412	.05135	.02516
#2	.00541	-.00039	-.00079	.00482	-.00126	.05049	.02483

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00008	.00028	-.00275	.35054	.05285	-.00022	-.00291
SDev	.00011	.00011	.00198	.00303	.00095	.00031	.00080
%RSD	141.42	40.170	72.046	.86353	1.7915	141.42	27.652
#1	.00016	.00020	-.00135	.35268	.05352	.00000	-.00234
#2	.00000	.00036	-.00414	.34840	.05218	-.00043	-.00347

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.15032	-.00138	-.00188	-.00027	-.00316	-.00002	-.00004
SDev	.00139	.00184	.00031	.00324	.00038	.00025	.00039
%RSD	.92697	133.31	16.629	1189.4	12.119	1293.7	1002.5
#1	.15130	-.00008	-.00210	.00202	-.00289	.00016	.00024
#2	.14933	-.00268	-.00166	-.00257	-.00343	-.00020	-.00032

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00874	-.00045	-.00847	.00492

SDev	.00345	.00198	.00438	.00002
%RSD	39.438	438.77	51.769	.31070
#1	.00630	.00095	-.01157	.00491
#2	.01117	-.00186	-.00537	.00493

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25287	--	--	--	--	--	--
SDev	65.05383	--	--	--	--	--	--
%RSD	.2572619	--	--	--	--	--	--
#1	25241	--	--	--	--	--	--
#2	25333	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/06/12 07:31:23

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.1952	1.2557	1.2894	18.453	22.902	8.1139	13.210
SDev	.0024	.0013	.0020	.041	.008	.0096	.012
%RSD	.20010	.10066	.15797	.22460	.03342	.11836	.09459
#1	1.1969	1.2566	1.2909	18.482	22.907	8.1071	13.201
#2	1.1936	1.2548	1.2880	18.423	22.896	8.1207	13.219

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.8933	2.4452	1.4497	1.8713	5.2540	24.429	1.2991
SDev	.0005	.0013	.0003	.0028	.0019	.035	.0009
%RSD	.01750	.05411	.01829	.14978	.03558	.14347	.06971
#1	2.8937	2.4461	1.4499	1.8733	5.2527	24.454	1.2985
#2	2.8930	2.4443	1.4495	1.8693	5.2553	24.404	1.2998

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.1671	2.0429	6.5657	3.3934	1.0936	.99927	.16740
SDev	.0007	.0010	.0241	.0061	.0056	.00057	.00082
%RSD	.03242	.05006	.36733	.17953	.51224	.05709	.48771
#1	2.1676	2.0437	6.5828	3.3977	1.0976	.99968	.16798
#2	2.1666	2.0422	6.5487	3.3891	1.0896	.99887	.16682

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.435	55.509	.39465	2.8500	14.188	.65805	3.7478
SDev	.063	.158	.00041	.0051	.021	.00051	.0010
%RSD	.30733	.28477	.10298	.17909	.14906	.07749	.02704
#1	20.479	55.621	.39436	2.8464	14.203	.65841	3.7485
#2	20.390	55.398	.39494	2.8536	14.173	.65769	3.7470

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.2985	8.5855	1.3709	1.2481
SDev	.0015	.0005	.0002	.0017
%RSD	.03596	.00539	.01321	.13368
#1	4.2996	8.5852	1.3711	1.2493
#2	4.2974	8.5859	1.3708	1.2469

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24812	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0740963	--	--	--	--	--	--
#1	24825	--	--	--	--	--	--
#2	24799	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	16.9250	-.229583	01/06/12 07:31:23
Sb2068	206.838	STD	S0	1.60180	-.004786	01/06/12 07:31:23
As1890	189.042	STD	S0	1.53414	.002484	01/06/12 07:31:23
Ba4934	493.409	STD	S0	.108389	-.000060	01/06/12 07:31:23
Be3130	313.042	STD	S0	.043602	.002065	01/06/12 07:31:23
B_2496	249.678	STD	S0	.246725	-.001894	01/06/12 07:31:23
Cd2265	226.502	STD	S0	.075862	-.000170	01/06/12 07:31:23
Ca3179	317.933	STD	S0	6.92545	-.037658	01/06/12 07:31:23
Cr2677	267.716	STD	S0	.817980	-.000114	01/06/12 07:31:23
Co2286	228.616	STD	S0	1.37894	.000927	01/06/12 07:31:23
Cu3247	324.753	STD	S0	1.07116	-.005507	01/06/12 07:31:23
Fe2714	271.441	STD	S0	3.65001	-.005214	01/06/12 07:31:23
Li6707	670.784	STD	S0	.082041	-.004177	01/06/12 07:31:23
Pb2203	220.353		NONE	.000000	.000000	*01/06/12 07:31:23
Se1960	196.026		NONE	.000000	.000000	*01/06/12 07:31:23
Mg2790	279.078	STD	S0	15.6969	-.392319	01/06/12 07:31:23
Mn2576	257.610	STD	S0	.923112	-.000073	01/06/12 07:31:23
Mo2020	202.030	STD	S0	.979113	-.000271	01/06/12 07:31:23
Ni2316	231.604	STD	S0	.304486	.000836	01/06/12 07:31:23
K_7664	766.491	STD	S0	6.57277	-2.30402	01/06/12 07:31:23
Si2881	288.158	STD	S0	1.90401	-.100635	01/06/12 07:31:23
Ag3280	328.068	STD	S0	1.00078	.000217	01/06/12 07:31:23
Na3302	330.232	STD	S0	117.437	.341225	01/06/12 07:31:23
Na5889	588.995	STD	S0	.985982	-.148209	01/06/12 07:31:23
Sr4215	421.552	STD	S0	.018023	.000025	01/06/12 07:31:23
Tl1908	190.864	STD	S0	5.06004	.009507	01/06/12 07:31:23
Sn1899	189.989	STD	S0	.701694	.000191	01/06/12 07:31:23
Ti3349	334.941	STD	S0	.140933	.000446	01/06/12 07:31:23
V_2924	292.402	STD	S0	3.01008	.000059	01/06/12 07:31:23
Zn2138	213.856	STD	S0	.534300	.000021	01/06/12 07:31:23
2203/1	220.351	STD	S0	.468944	-.004096	01/06/12 07:31:23
2203/2	220.352	STD	S0	.232065	.000105	01/06/12 07:31:23
1960/1	196.021	STD	S0	1.45170	.012294	01/06/12 07:31:23
1960/2	196.022	STD	S0	1.60540	-.007904	01/06/12 07:31:23

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	.000000	-.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/06/12 07:34:47 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/06/12 07:34:47 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/06/12 07:39:15 AM page 1

Method: 20076010 Sample Name: S2-met1211cal_00001 Operator: SRP
Run Time: 01/06/12 07:35:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.040	1.9912	1.9856	2.0061	.99622	1.9975	.99051

SDev	.025	.0081	.0042	.0037	.00074	.0033	.00067
%RSD	.12485	.40825	.21169	.18628	.07431	.16441	.06760
#1	20.058	1.9970	1.9886	2.0087	.99675	1.9998	.99098
#2	20.022	1.9855	1.9827	2.0034	.99570	1.9952	.99004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.820	1.9867	1.9866	2.0038	19.874	2.0042	1.9845
SDev	.011	.0035	.0027	.0032	.013	.0034	.0017
%RSD	.05647	.17767	.13618	.15827	.06547	.16742	.08795
#1	19.828	1.9892	1.9886	2.0060	19.884	2.0066	1.9858
#2	19.812	1.9842	1.9847	2.0015	19.865	2.0018	1.9833

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9992	19.913	1.9890	1.9946	1.9593	20.085	1.9699
SDev	.0008	.015	.0025	.0017	.0088	.068	.0064
%RSD	.04172	.07480	.12699	.08681	.45048	.33906	.32395
#1	1.9987	19.923	1.9907	1.9958	1.9656	20.134	1.9744
#2	1.9998	19.902	1.9872	1.9934	1.9531	20.037	1.9653

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99865	19.993	20.044	.99715	1.9945	1.9789	1.9923
SDev	.00207	.062	.049	.00175	.0073	.0022	.0027
%RSD	.20710	.31102	.24373	.17516	.36519	.11198	.13754
#1	1.0001	20.037	20.079	.99839	1.9996	1.9773	1.9943
#2	.99718	19.950	20.009	.99592	1.9893	1.9805	1.9904

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9911	1.9930	1.9904	1.9816	2.0044	1.9967
SDev	.0026	.0038	.0078	.0065	.0186	.0080
%RSD	.13050	.19199	.38959	.32777	.92602	.40215
#1	1.9929	1.9957	1.9849	1.9862	1.9913	2.0023
#2	1.9892	1.9903	1.9958	1.9770	2.0175	1.9910

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24276	--	--	--	--	--	--
SDev	13.43503	--	--	--	--	--	--
%RSD	.0553417	--	--	--	--	--	--

#1	24267	--	--	--	--	--	--
#2	24286	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 07:39:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4643	.48576	.49189	.48986	.50042	.49310	.49330
SDev	.0064	.00134	.00148	.00132	.00022	.00071	.00074
%RSD	.25777	.27626	.30117	.26968	.04393	.14433	.14978
#1	2.4598	.48671	.49293	.48893	.50057	.49260	.49382
#2	2.4688	.48481	.49084	.49079	.50026	.49360	.49278

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.389	.49172	.49521	.49546	2.4948	.45613	.49355
SDev	.014	.00019	.00068	.00180	.0093	.00140	.00013
%RSD	.11264	.03927	.13761	.36340	.37283	.30709	.02695
#1	12.399	.49186	.49569	.49418	2.4883	.45514	.49346
#2	12.379	.49159	.49473	.49673	2.5014	.45712	.49365

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50265	4.9658	.48782	.49972	.48558	11.737	.92290
SDev	.00315	.0025	.00017	.00011	.00377	.031	.00104
%RSD	.62581	.05094	.03553	.02184	.77565	.26286	.11319
#1	.50042	4.9676	.48794	.49980	.48292	11.715	.92216
#2	.50487	4.9640	.48770	.49964	.48824	11.758	.92364

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24473	12.339	11.574	.24322	.49807	.50523	.49552
SDev	.00017	.024	.046	.00073	.00281	.00103	.00050
%RSD	.06973	.19671	.39706	.30161	.56501	.20424	.10017
#1	.24461	12.322	11.541	.24270	.49608	.50450	.49517
#2	.24485	12.356	11.606	.24374	.50006	.50596	.49587

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49632	.50373	.49415	.49325	.50163	.50321
SDev	.00034	.00018	.00005	.00022	.00098	.00521
%RSD	.06853	.03637	.01010	.04551	.19454	1.0346
#1	.49608	.50386	.49419	.49309	.50232	.49953
#2	.49656	.50360	.49412	.49341	.50094	.50690

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/06/12 07:43:07 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24700	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.1059207	--	--	--	--	--	--
#1	24682	--	--	--	--	--	--
#2	24719	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/06/12 07:43:11

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02013	-.00139	.00019	.00036	.00031	.00282	.00036
SDev	.00156	.00150	.00001	.00019	.00013	.00026	.00020
%RSD	7.7696	108.19	3.6619	52.489	41.892	9.2441	56.826
#1	.01902	-.00245	.00019	.00023	.00022	.00264	.00021
#2	.02123	-.00033	.00019	.00050	.00040	.00301	.00050

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02743	-.00003	-.00016	.00047	-.01501	.00062	.00016
SDev	.00327	.00035	.00051	.00036	.00717	.00011	.00005
%RSD	11.917	1109.0	320.13	76.906	47.803	17.060	32.440
#1	.02511	-.00028	-.00052	.00021	-.02008	.00054	.00020
#2	.02974	.00022	.00020	.00072	-.00993	.00069	.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.02264	.00034	.00066	.00004	.03493	.00130
SDev	.00346	.00387	.00016	.00064	.00054	.01512	.00154
%RSD	188.73	17.092	46.806	97.509	1516.0	43.299	118.20
#1	-.00061	.01991	.00023	.00020	-.00035	.02423	.00021
#2	.00429	.02538	.00045	.00111	.00042	.04562	.00239

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	-.15257	.01113	.00017	-.00195	.00035	.00026
SDev	.00054	.14171	.00314	.00009	.00114	.00239	.00023
%RSD	102.46	92.883	28.256	53.847	58.670	683.75	88.829
#1	-.00092	-.25278	.00891	.00010	-.00114	.00204	.00010
#2	-.00015	-.05237	.01335	.00023	-.00275	-.00134	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00029	-.00254	.00151	-.00320	.00435
SDev	.00044	.00017	.00031	.00008	.00492	.00274
%RSD	182.26	57.005	12.278	5.2038	153.62	62.853
#1	-.00055	.00017	-.00232	.00145	-.00668	.00242

#2	.00007	.00041	-.00276	.00156	.00028	.00629

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24739	--	--	--	--	--	--
SDev	36.76955	--	--	--	--	--	--
%RSD	.1486299	--	--	--	--	--	--
#1	24713	--	--	--	--	--	--
#2	24765	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/06/12 07:47:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10889	.01056	.01252	.01033	.00515	.01271	.00521
SDev	.00230	.00022	.00037	.00001	.00003	.00032	.00012
%RSD	2.1104	2.0758	2.9572	.06508	.56452	2.5249	2.3165
#1	.10726	.01040	.01278	.01032	.00517	.01248	.00529
#2	.11051	.01071	.01226	.01033	.00513	.01294	.00512

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10621	.01085	.00997	.01111	.09701	.00903	.00940
SDev	.00065	.00040	.00022	.00038	.00131	.00000	.00047
%RSD	.60921	3.7335	2.2207	3.4328	1.3461	.00825	5.0162
#1	.10667	.01056	.00981	.01084	.09609	.00903	.00907
#2	.10575	.01113	.01013	.01138	.09794	.00903	.00973

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01077	.11943	.01039	.01069	.01030	.63646	.01568
SDev	.00160	.00307	.00005	.00082	.00038	.01045	.00161
%RSD	14.819	2.5710	.50343	7.6601	3.6406	1.6416	10.263
#1	.00964	.11725	.01035	.01011	.01004	.62907	.01454
#2	.01190	.12160	.01043	.01127	.01057	.64384	.01682

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00486	.58354	.53138	.00499	.00823	.01192	.01035
SDev	.00027	.02434	.00064	.00001	.00029	.00062	.00006
%RSD	5.5913	4.1715	.12107	.22391	3.5055	5.2023	.62816
#1	.00466	.56633	.53092	.00498	.00803	.01235	.01031
#2	.00505	.60075	.53183	.00500	.00844	.01148	.01040

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01068	.01064	.00856	.00982	.00596	.01317

SDev	.00030	.00003	.00065	.00103	.00366	.00423
%RSD	2.7589	.24389	7.5614	10.500	61.479	32.078
#1	.01047	.01062	.00902	.00909	.00855	.01019
#2	.01088	.01066	.00810	.01055	.00337	.01616

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24478	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.2455483	--	--	--	--	--	--
#1	24520	--	--	--	--	--	--

#2	24435	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/06/12 07:50:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	502.37	-.00097	.00249	.00168	-.00023	-.00051	.00327
SDev	.25	.00137	.00183	.00003	.00002	.00027	.00010
%RSD	.04943	142.32	73.306	1.4859	6.6462	53.902	3.0990
#1	502.55	-.00194	.00120	.00170	-.00025	-.00070	.00319
#2	502.20	.00001	.00379	.00166	-.00022	-.00031	.00334

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	448.51	.00122	-.00020	.01335	190.38	.00457	.00847
SDev	.56	.00046	.00005	.00038	.01	.00010	.00056
%RSD	.12507	37.331	22.877	2.8411	.00478	2.1372	6.6125
#1	448.11	.00090	-.00023	.01308	190.37	.00464	.00807
#2	448.90	.00155	-.00017	.01361	190.38	.00450	.00886

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01163	506.61	-.00764	-.00012	.00088	.11904	.01698
SDev	.00113	.25	.00002	.00040	.00005	.00192	.00118
%RSD	9.7114	.05015	.24306	331.79	5.3771	1.6120	6.9519
#1	-.01083	506.43	-.00765	-.00040	.00085	.12040	.01614
#2	-.01243	506.79	-.00762	.00016	.00092	.11768	.01781

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	.00116	.16933	-.00885	-.01151	.00123	-.00256
SDev	.00025	.11295	.00147	.00000	.00717	.00042	.00003
%RSD	46.402	9750.3	.86731	.05224	62.308	34.081	1.3431
#1	-.00036	.08103	.16829	-.00885	-.01658	.00153	-.00259
#2	-.00071	-.07871	.17037	-.00885	-.00644	.00093	-.00254

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00372	.00141	-.09155	.05847	-.00963	-.01263
SDev	.00028	.00005	.00247	.00207	.00571	.00116
%RSD	7.4363	3.7201	2.6933	3.5445	59.277	9.1686
#1	.00352	.00145	-.08981	.05701	-.00559	-.01345
#2	.00391	.00138	-.09329	.05994	-.01366	-.01182

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22610	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.2658355	--	--	--	--	--	--

#1	22567	--	--	--	--	--	--
#2	22652	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/06/12 07:54:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	504.92	1.0018	.99478	1.0096	.47558	1.0174	.46421
SDev	.34	.0039	.00561	.0005	.00008	.0025	.00024
%RSD	.06706	.38504	.56411	.05011	.01757	.24322	.05076
#1	505.16	1.0045	.99082	1.0099	.47564	1.0156	.46437
#2	504.69	.99906	.99875	1.0092	.47553	1.0191	.46404

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	449.26	.93550	.91135	1.0760	196.69	1.2338	.94743
SDev	.29	.00032	.00134	.0014	.08	.0006	.00019
%RSD	.06525	.03396	.14741	.12905	.04086	.04875	.02002
#1	449.46	.93527	.91230	1.0750	196.75	1.2342	.94756
#2	449.05	.93572	.91040	1.0770	196.64	1.2333	.94729

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97721	508.52	.93019	.96240	.91259	13.895	.95262
SDev	.00243	.08	.00024	.00371	.00024	.017	.00077
%RSD	.24854	.01644	.02614	.38578	.02600	.12508	.08070
#1	.97893	508.58	.93036	.96503	.91243	13.907	.95207
#2	.97549	508.46	.93002	.95978	.91276	13.882	.95316

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52332	12.337	13.731	.48906	.93931	.96432	.96718
SDev	.00032	.012	.012	.00050	.00450	.00316	.00025

%RSD	.06044	.09332	.08567	.10156	.47869	.32800	.02555
#1	.52354	12.345	13.739	.48942	.94249	.96656	.96735
#2	.52309	12.329	13.723	.48871	.93613	.96208	.96700

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96102	.98353	.84214	1.0001	.98032	.97565
SDev	.00008	.00102	.00077	.0007	.00089	.00320
%RSD	.00792	.10405	.09207	.06722	.09023	.32808
#1	.96097	.98425	.84159	1.0005	.98095	.97792
#2	.96107	.98281	.84269	.99959	.97970	.97339

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22840	--	--	--	--	--	--

SDev	21.92031	--	--	--	--	--	--
%RSD	.0959754	--	--	--	--	--	--
#1	22824	--	--	--	--	--	--
#2	22855	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 07:58:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5342	.49845	.50123	.50126	.50799	.50081	.50118
SDev	.0082	.00271	.00053	.00089	.00010	.00051	.00002
%RSD	.32338	.54423	.10618	.17832	.01946	.10228	.00447
#1	2.5400	.50037	.50160	.50189	.50806	.50045	.50116
#2	2.5284	.49653	.50085	.50063	.50792	.50118	.50120

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.538	.49852	.50253	.50775	2.5333	.46749	.49961
SDev	.007	.00036	.00035	.00035	.0089	.00055	.00217
%RSD	.05781	.07165	.07032	.06957	.35095	.11782	.43532
#1	12.543	.49878	.50228	.50800	2.5271	.46788	.49807
#2	12.533	.49827	.50278	.50750	2.5396	.46710	.50114

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51260	5.0805	.49589	.50659	.50719	12.035	.94388
SDev	.00093	.0021	.00006	.00062	.00086	.011	.00077
%RSD	.18173	.04172	.01183	.12321	.16961	.09067	.08189
#1	.51326	5.0820	.49593	.50615	.50659	12.043	.94443
#2	.51194	5.0790	.49585	.50703	.50780	12.028	.94334

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24914	12.589	11.867	.24897	.50735	.51051	.50516
SDev	.00012	.090	.017	.00015	.00217	.00071	.00004
%RSD	.04928	.71799	.14022	.06072	.42692	.13912	.00844
#1	.24923	12.525	11.879	.24908	.50888	.51101	.50519
#2	.24905	12.653	11.855	.24887	.50582	.51001	.50513

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50543	.51142	.49778	.50052	.50857	.51468
SDev	.00000	.00026	.00240	.00206	.00071	.00104
%RSD	.00013	.05002	.48218	.41202	.13883	.20291
#1	.50543	.51124	.49608	.49906	.50907	.51542
#2	.50543	.51160	.49948	.50198	.50808	.51394

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	24134	--	--	--	--	--	--
SDev	110.3087	--	--	--	--	--	--
%RSD	.4570675	--	--	--	--	--	--
#1	24212	--	--	--	--	--	--
#2	24056	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 08:02:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02187	.00052	.00150	.00029	.00022	.00339	.00015
SDev	.00396	.00077	.00000	.00009	.00000	.00101	.00012
%RSD	18.090	149.45	.22881	30.368	.58554	29.684	76.923
#1	.02467	.00106	.00150	.00036	.00022	.00411	.00024
#2	.01907	-.00003	.00150	.00023	.00022	.00268	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01197	.00047	-.00010	.00053	-.00644	-.00001	-.00030
SDev	.00020	.00045	.00042	.00081	.01829	.00006	.00032
%RSD	1.6861	96.272	418.86	154.22	284.02	586.78	107.43
#1	.01211	.00078	.00020	.00110	.00649	.00003	-.00007
#2	.01183	.00015	-.00040	-.00005	-.01937	-.00005	-.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	.01232	.00030	.00021	.00047	.00811	.00323
SDev	.00213	.00729	.00006	.00084	.00062	.05051	.00421
%RSD	133.25	59.192	18.552	407.30	132.57	623.16	130.35

#1	.00009	.01747	.00034	.00080	.00091	.04382	.00621
#2	.00311	.00716	.00026	-.00039	.00003	-.02761	.00025

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.03996	.01010	.00013	.00094	.00031	.00035
SDev	.00059	.11426	.00217	.00004	.00224	.00164	.00015
%RSD	146.29	285.96	21.535	30.458	239.17	528.03	42.688
#1	.00001	.04084	.01164	.00016	.00252	.00147	.00045
#2	-.00083	-.12075	.00856	.00011	-.00065	-.00085	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	.00025	.00193	-.00141	.00262	.00109
SDev	.00044	.00011	.00134	.00020	.00124	.00258
%RSD	72.585	42.805	69.675	13.930	47.288	236.30
#1	.00092	.00032	.00288	-.00155	.00174	-.00073
#2	.00030	.00017	.00098	-.00127	.00349	.00292

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24771	--	--	--	--	--	--
SDev	199.4041	--	--	--	--	--	--
%RSD	.8049902	--	--	--	--	--	--
#1	24630	--	--	--	--	--	--
#2	24912	--	--	--	--	--	--

Analysis Report 01/06/12 08:10:58 AM page 1

Method: 20076010 Sample Name: mb 600-69276/1-a Operator: SRP
Run Time: 01/06/12 08:07:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02538	.00127	.00294	.00166	-.00008	.00236	.00004
SDev	.00034	.00107	.00045	.00004	.00001	.00063	.00020
%RSD	1.3354	84.280	15.445	2.4775	14.244	26.849	541.19
#1	.02514	.00051	.00326	.00163	-.00009	.00280	-.00010
#2	.02562	.00202	.00262	.00169	-.00007	.00191	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05996	.00063	-.00041	.00088	.01676	-.00004	.00064
SDev	.00094	.00012	.00000	.00031	.00408	.00005	.00029
%RSD	1.5709	19.819	1.0789	35.036	24.333	135.23	45.092
#1	.05929	.00054	-.00041	.00066	.01388	-.00008	.00084
#2	.06063	.00072	-.00041	.00110	.01965	-.00000	.00044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.01976	.00059	.00025	.00035	.12042	.00785
SDev	.00212	.00417	.00006	.00015	.00035	.01840	.00127
%RSD	3157.9	21.095	9.7166	60.218	99.543	15.279	16.158
#1	.00156	.01682	.00055	.00014	.00059	.10741	.00695
#2	-.00143	.02271	.00063	.00035	.00010	.13343	.00874

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00487	.02673	.00011	-.00467	.03102	.00023
SDev	.00006	.08987	.00208	.00001	.00191	.00050	.00006
%RSD	28.488	1845.1	7.7700	11.199	40.975	1.6262	27.177
#1	-.00025	-.05867	.02526	.00010	-.00602	.03137	.00019
#2	-.00016	.06842	.02820	.00012	-.00332	.03066	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00483	.00058	.00067	-.00685	.00353
SDev	.00018	.00003	.00138	.00112	.00050	.00293
%RSD	96.375	.64913	240.72	167.30	7.2352	82.965
#1	.00006	.00480	-.00040	.00147	-.00650	.00560
#2	.00032	.00485	.00155	-.00012	-.00721	.00146

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23732	--	--	--	--	--	--
SDev	78.48885	--	--	--	--	--	--
%RSD	.3307370	--	--	--	--	--	--

#1	23787	--	--	--	--	--	--
#2	23676	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69276/2-a Operator: SRP
Run Time: 01/06/12 08:11:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.470	.69459	1.3242	2.5760	1.4477	.78992	.62150
SDev	.194	.00211	.0013	.0015	.0022	.00147	.00077
%RSD	.22980	.30372	.10045	.05751	.15498	.18613	.12464
#1	84.607	.69608	1.3232	2.5770	1.4461	.78888	.62095
#2	84.333	.69310	1.3251	2.5750	1.4492	.79096	.62204

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.688	.95640	1.3030	1.0308	173.88	.08507	1.3824
SDev	.064	.00019	.0006	.0008	.02	.00022	.0011
%RSD	.07388	.02002	.04670	.08250	.01209	.26495	.07942
#1	86.642	.95654	1.3026	1.0314	173.87	.08523	1.3816
#2	86.733	.95627	1.3035	1.0302	173.90	.08491	1.3831

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8347	39.389	4.7080	.81879	1.1911	47.251	13.132
SDev	.0129	.031	.0002	.00149	.0019	.078	.007
%RSD	.70284	.07744	.00416	.18157	.15924	.16478	.05080
#1	1.8256	39.410	4.7079	.81774	1.1924	47.306	13.136
#2	1.8439	39.367	4.7082	.81984	1.1897	47.196	13.127

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42933	3.3558	6.4971	2.2832	1.5426	1.5520	4.0802
SDev	.00028	.0185	.0216	.0014	.0026	.0002	.0002
%RSD	.06522	.55207	.33290	.06211	.17166	.01396	.00515
#1	.42953	3.3427	6.5124	2.2842	1.5408	1.5518	4.0803
#2	.42913	3.3689	6.4818	2.2822	1.5445	1.5521	4.0800

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63027	2.1177	1.3631	1.3920	1.8270	1.8386
SDev	.00002	.0005	.0014	.0023	.0075	.0156
%RSD	.00367	.02454	.10032	.16742	.40987	.84841

#1	.63025	2.1173	1.3641	1.3904	1.8217	1.8276
#2	.63028	2.1180	1.3621	1.3937	1.8323	1.8496

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/06/12 08:14:49 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25283	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0391548	--	--	--	--	--	--
#1	25276	--	--	--	--	--	--
#2	25290	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-1-a Operator: SRP
Run Time: 01/06/12 08:14:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.225	.00050	.05334	.56727	.00440	.04895	.00603
SDev	.683	.00266	.00099	.00361	.00004	.00076	.00010
%RSD	.70209	533.36	1.8533	.63563	.85776	1.5604	1.6254
#1	97.708	.00238	.05265	.56982	.00442	.04949	.00610
#2	96.743	-.00138	.05404	.56472	.00437	.04841	.00596

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1990.8	.08681	.03017	.07042	70.763	.09536	.05322
SDev	15.6	.00038	.00027	.00031	.497	.00067	.00022
%RSD	.78512	.43839	.89565	.44570	.70195	.70200	.41608
#1	2001.8	.08708	.03036	.07064	71.114	.09583	.05307
#2	1979.7	.08654	.02998	.07020	70.411	.09488	.05338

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00725	20.768	4.3124	.00128	.11618	17.420	18.416
SDev	.00021	.132	.0281	.00018	.00088	.133	.122
%RSD	2.8483	.63781	.65182	13.972	.75413	.76172	.66401
#1	-.00710	20.862	4.3322	.00140	.11680	17.514	18.502
#2	-.00739	20.675	4.2925	.00115	.11556	17.326	18.329

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00256	4.0555	4.4866	10.942	-.00361	.02523	.17415
SDev	.00007	.1455	.0329	.085	.00412	.00089	.00208
%RSD	2.6570	3.5872	.73319	.77630	114.11	3.5191	1.1948
#1	-.00251	4.1584	4.5099	11.002	-.00070	.02586	.17563
#2	-.00260	3.9526	4.4633	10.882	-.00652	.02460	.17268

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25764	.31467	.02694	.06636	-.00160	-.01007

SDev	.00177	.00237	.00140	.00037	.00471	.00266
%RSD	.68761	.75285	5.1845	.55163	294.22	26.462
#1	.25889	.31634	.02595	.06662	-.00493	-.00819

#2	.25639	.31299	.02792	.06611	.00173	-.01195

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24665	--	--	--	--	--	--
SDev	161.2203	--	--	--	--	--	--
%RSD	.6536401	--	--	--	--	--	--
#1	24551	--	--	--	--	--	--
#2	24779	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-2-a Operator: SRP
Run Time: 01/06/12 08:18:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	110.21	.00129	.05853	.94551	.00606	.05816	.00430
SDev	.03	.00076	.00042	.00005	.00002	.00040	.00006
%RSD	.02490	59.287	.71440	.00477	.38929	.68093	1.3878
#1	110.23	.00183	.05824	.94548	.00608	.05788	.00434
#2	110.19	.00075	.05883	.94554	.00605	.05844	.00426

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1130.2	.10307	.05920	.17778	85.853	.07033	.09712
SDev	1.9	.00017	.00051	.00047	.007	.00012	.00115
%RSD	.16960	.16527	.86524	.26435	.00800	.17681	1.1855
#1	1131.5	.10319	.05956	.17812	85.848	.07042	.09631
#2	1128.8	.10294	.05884	.17745	85.858	.07024	.09794

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00579	18.697	5.7631	.00018	.13629	17.968	17.131
SDev	.00121	.011	.0041	.00027	.00011	.003	.014
%RSD	20.855	.05789	.07134	145.71	.07737	.01412	.07990
#1	-.00664	18.705	5.7660	.00038	.13621	17.970	17.140
#2	-.00494	18.689	5.7602	-.00001	.13636	17.966	17.121

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00125	2.2285	2.5948	4.0355	-.00795	.03022	.23406
SDev	.00016	.0720	.0015	.0019	.00225	.00159	.00019
%RSD	12.858	3.2288	.05801	.04793	28.321	5.2449	.07963
#1	-.00114	2.2794	2.5958	4.0342	-.00955	.02910	.23419
#2	-.00137	2.1777	2.5937	4.0369	-.00636	.03134	.23393

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26194	.41260	.07260	.10938	-.00661	-.00538

SDev	.00044	.00077	.00059	.00202	.00521	.00079
%RSD	.16821	.18689	.81235	1.8485	78.781	14.729
#1	.26225	.41315	.07302	.10795	-.01029	-.00482
#2	.26163	.41206	.07219	.11081	-.00293	-.00594

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25793	--	--	--	--	--	--
SDev	59.39697	--	--	--	--	--	--
%RSD	.2302833	--	--	--	--	--	--
#1	25751	--	--	--	--	--	--
#2	25835	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-3-a Operator: SRP
Run Time: 01/06/12 08:22:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	234.29	-.00065	.09020	2.0380	.01250	.04576	.00851
SDev	.42	.00051	.00141	.0049	.00003	.00065	.00014
%RSD	.17955	79.221	1.5625	.23980	.24343	1.4195	1.6526
#1	234.59	-.00029	.09119	2.0415	.01252	.04622	.00861
#2	233.99	-.00101	.08920	2.0346	.01248	.04530	.00841

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1063.5	.20126	.12648	.18181	170.21	.13806	.18222
SDev	2.2	.00002	.00024	.00007	.36	.00028	.00194
%RSD	.20329	.01150	.19050	.03609	.21254	.20644	1.0644
#1	1065.0	.20125	.12665	.18185	170.46	.13826	.18359
#2	1062.0	.20128	.12631	.18176	169.95	.13786	.18084

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01268	29.295	12.661	-.00067	.25759	27.837	18.291
SDev	.00267	.059	.029	.00010	.00174	.065	.028
%RSD	21.083	.20003	.22878	14.188	.67525	.23275	.15208
#1	-.01079	29.337	12.681	-.00074	.25882	27.883	18.311
#2	-.01457	29.254	12.640	-.00060	.25636	27.791	18.272

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00233	4.9161	5.4118	2.0319	-.01987	.03001	.23235
SDev	.00014	.0462	.0456	.0046	.00141	.00192	.00052
%RSD	5.8847	.93933	.84307	.22764	7.0954	6.4015	.22239
#1	-.00223	4.9487	5.4441	2.0352	-.02087	.02865	.23271
#2	-.00243	4.8834	5.3796	2.0286	-.01887	.03137	.23198

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51128	.59393	.13135	.20765	-.00954	-.01425
SDev	.00117	.00089	.00054	.00264	.00764	.00019
%RSD	.22836	.15021	.40988	1.2714	80.098	1.3350
#1	.51211	.59456	.13173	.20952	-.00414	-.01411
#2	.51046	.59330	.13097	.20578	-.01494	-.01438

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29496	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.2708992	--	--	--	--	--	--
#1	29439	--	--	--	--	--	--
#2	29552	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-4-a Operator: SRP
Run Time: 01/06/12 08:26:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	201.27	-.00033	.10725	1.7996	.01101	.06002	.00856
SDev	1.64	.00218	.00220	.0129	.00006	.00078	.00007
%RSD	.81725	665.65	2.0514	.71724	.56300	1.2954	.87349
#1	200.10	-.00187	.10880	1.7904	.01097	.05947	.00861
#2	202.43	.00122	.10569	1.8087	.01105	.06057	.00851

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1065.9	.18005	.10291	.17471	148.22	.12450	.19010
SDev	8.5	.00101	.00074	.00170	1.14	.00108	.00196
%RSD	.79950	.56311	.71713	.97195	.77231	.87076	1.0287
#1	1059.8	.17933	.10239	.17350	147.41	.12373	.18872
#2	1071.9	.18077	.10343	.17591	149.03	.12526	.19148

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00958	29.824	10.893	.00033	.22377	37.022	19.049
SDev	.00295	.211	.080	.00040	.00309	.285	.141
%RSD	30.732	.70620	.73763	122.03	1.3809	.77113	.73816
#1	-.00750	29.675	10.837	.00005	.22158	36.820	18.950
#2	-.01167	29.973	10.950	.00061	.22595	37.224	19.149

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00190	1.9086	2.0999	3.8049	-.02090	.03895	.20155
SDev	.00001	.0297	.0142	.0274	.00135	.00022	.00197

%RSD	.66239	1.5565	.67746	.71894	6.4633	.56412	.97821
#1	-.00189	1.9296	2.0899	3.7856	-.01994	.03911	.20016
#2	-.00191	1.8876	2.1100	3.8243	-.02185	.03880	.20295

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43853	.66972	.14289	.21370	-.00870	-.01002
SDev	.00388	.00484	.00167	.00210	.00706	.00089
%RSD	.88392	.72246	1.1676	.98226	81.089	8.8679
#1	.43579	.66630	.14171	.21222	-.00371	-.00939
#2	.44128	.67314	.14407	.21519	-.01369	-.01065

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27759	--	--	--	--	--	--
SDev	162.6346	--	--	--	--	--	--
%RSD	.5858805	--	--	--	--	--	--
#1	27874	--	--	--	--	--	--
#2	27644	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-5-a Operator: SRP
Run Time: 01/06/12 08:30:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	110.43	.00106	.07073	.79197	.00539	.05303	.00639
SDev	.08	.00242	.00125	.00054	.00000	.00021	.00015
%RSD	.07399	228.55	1.7705	.06812	.05576	.39842	2.2797
#1	110.37	-.00065	.06984	.79159	.00539	.05288	.00629
#2	110.48	.00277	.07161	.79235	.00540	.05318	.00650

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1510.5	.08155	.07335	.12110	87.537	.11033	.12367
SDev	6.0	.00029	.00022	.00010	.245	.00013	.00045
%RSD	.39855	.35632	.30574	.08366	.28039	.11824	.36295
#1	1506.3	.08135	.07351	.12117	87.364	.11042	.12335
#2	1514.8	.08176	.07319	.12103	87.711	.11023	.12399

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00737	22.205	5.9655	.00135	.16143	19.343	18.927
SDev	.00461	.076	.0171	.00005	.00043	.007	.024
%RSD	62.560	.34197	.28651	3.7183	.26370	.03799	.12841
#1	-.01063	22.151	5.9534	.00138	.16173	19.348	18.910
#2	-.00411	22.258	5.9776	.00131	.16113	19.338	18.944

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00209	4.4534	4.9357	6.5753	-.00811	.03531	.10898
SDev	.00006	.0243	.0086	.0054	.00174	.00039	.00042
%RSD	2.9571	.54459	.17358	.08256	21.409	1.0992	.38620
#1	-.00205	4.4362	4.9418	6.5714	-.00688	.03504	.10869
#2	-.00214	4.4705	4.9297	6.5791	-.00934	.03558	.10928

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21785	.50142	.09619	.13741	-.00706	-.00753
SDev	.00059	.00158	.00034	.00084	.00616	.00384
%RSD	.27201	.31580	.34819	.61186	87.282	50.977
#1	.21743	.50030	.09643	.13681	-.01141	-.01025
#2	.21827	.50254	.09595	.13800	-.00270	-.00482

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25446	--	--	--	--	--	--
SDev	69.29646	--	--	--	--	--	--
%RSD	.2723275	--	--	--	--	--	--
#1	25495	--	--	--	--	--	--
#2	25397	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-6-a Operator: SRP
Run Time: 01/06/12 08:34:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	228.75	-.00066	.12687	2.0416	.01274	.02990	.00677
SDev	.50	.00038	.00133	.0069	.00003	.00028	.00003
%RSD	.21912	56.979	1.0492	.33673	.19999	.92041	.38236
#1	229.11	-.00039	.12593	2.0465	.01272	.03009	.00675
#2	228.40	-.00092	.12781	2.0368	.01276	.02970	.00679

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	765.38	.20091	.11472	.16862	170.12	.12534	.18851
SDev	.52	.00016	.00066	.00038	.24	.00036	.00037
%RSD	.06754	.07888	.57810	.22490	.13994	.28919	.19722
#1	765.74	.20102	.11519	.16889	170.29	.12559	.18825
#2	765.01	.20079	.11425	.16836	169.95	.12508	.18877

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01039	30.120	11.483	-.00054	.23421	24.559	19.312
SDev	.00008	.037	.014	.00081	.00092	.049	.027
%RSD	.73640	.12413	.11959	149.83	.39186	.19855	.13733

#1	-.01044	30.146	11.493	-.00112	.23486	24.593	19.331

#2	-.01034	30.093	11.473	.00003	.23356	24.525	19.293

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00192	1.0579	1.2936	2.0419	-.01832	.02996	.25926
SDev	.00009	.0194	.0023	.0056	.00400	.00006	.00066
%RSD	4.7295	1.8385	.18043	.27187	21.833	.19899	.25542
#1	-.00186	1.0717	1.2953	2.0458	-.01549	.02992	.25973
#2	-.00199	1.0441	1.2920	2.0380	-.02115	.03000	.25879

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50540	.56935	.13870	.21342	-.00692	-.01213
SDev	.00093	.00063	.00181	.00146	.00007	.00008
%RSD	.18467	.11119	1.3072	.68607	1.0068	.65926
#1	.50606	.56980	.13998	.21238	-.00697	-.01218
#2	.50474	.56890	.13742	.21445	-.00687	-.01207

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29005	--	--	--	--	--	--
SDev	91.92388	--	--	--	--	--	--
%RSD	.3169243	--	--	--	--	--	--
#1	28940	--	--	--	--	--	--
#2	29070	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-7-a Operator: SRP
Run Time: 01/06/12 08:37:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	243.88	-.00153	.09110	2.6209	.01547	.03129	.00684
SDev	.97	.00063	.00168	.0072	.00004	.00035	.00016
%RSD	.39704	41.126	1.8404	.27523	.25082	1.1189	2.3104
#1	244.56	-.00109	.08991	2.6260	.01550	.03154	.00695
#2	243.20	-.00198	.09228	2.6158	.01545	.03105	.00673

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	341.72	.21887	.15361	.20872	190.58	.12274	.25491
SDev	1.15	.00067	.00050	.00093	.61	.00048	.00079
%RSD	.33750	.30478	.32451	.44802	.32200	.38758	.30842
#1	342.54	.21934	.15396	.20938	191.02	.12308	.25547
#2	340.90	.21840	.15326	.20806	190.15	.12241	.25436

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01295	34.617	15.252	-.00189	.29285	24.267	16.183
SDev	.00334	.110	.048	.00021	.00019	.077	.057
%RSD	25.828	.31903	.31349	10.879	.06430	.31850	.35393

#1	-.01531	34.695	15.286	-.00203	.29271	24.321	16.223
#2	-.01058	34.539	15.219	-.00174	.29298	24.212	16.142

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00222	.74979	.81115	1.2886	-.02507	.03101	.22260
SDev	.00015	.04918	.00125	.0031	.00207	.00031	.00053
%RSD	6.7849	6.5597	.15401	.23927	8.2423	1.0119	.23716

#1	-.00211	.71501	.81203	1.2908	-.02653	.03123	.22297
#2	-.00232	.78457	.81027	1.2864	-.02361	.03079	.22223

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55952	.63839	.20056	.28209	-.01388	-.01248
SDev	.00133	.00214	.00213	.00011	.00015	.00494
%RSD	.23680	.33459	1.0627	.04027	1.0848	39.581

#1	.56046	.63990	.20207	.28217	-.01398	-.01597
#2	.55859	.63688	.19906	.28201	-.01377	-.00899

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31180	--	--	--	--	--	--
SDev	108.1873	--	--	--	--	--	--
%RSD	.3469712	--	--	--	--	--	--

#1	31104	--	--	--	--	--	--
#2	31257	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-8-a Operator: SRP
Run Time: 01/06/12 08:41:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	232.30	.00033	.08936	2.6561	.01527	.02958	.00648
SDev	1.35	.00281	.00081	.0150	.00009	.00015	.00018
%RSD	.58259	844.42	.90385	.56571	.56839	.49190	2.7459

#1	233.25	.00232	.08993	2.6667	.01533	.02947	.00661
#2	231.34	-.00166	.08879	2.6455	.01520	.02968	.00636

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	344.71	.20820	.14718	.19598	186.48	.11647	.24546
SDev	1.90	.00087	.00119	.00158	1.00	.00070	.00009
%RSD	.55039	.41781	.81013	.80845	.53555	.59959	.03630

#1	346.06	.20881	.14802	.19710	187.19	.11696	.24553
#2	343.37	.20758	.14633	.19486	185.78	.11597	.24540

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01392	33.185	14.559	-.00115	.27875	22.997	15.739
SDev	.00049	.192	.079	.00008	.00019	.139	.083
%RSD	3.5064	.57867	.54419	7.0806	.06976	.60608	.52771
#1	-.01426	33.321	14.615	-.00110	.27889	23.095	15.797
#2	-.01357	33.049	14.503	-.00121	.27862	22.898	15.680

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00254	.96456	1.1025	1.2596	-.02064	.03133	.21222
SDev	.00006	.04708	.0101	.0068	.00396	.00159	.00096
%RSD	2.2814	4.8810	.91226	.53977	19.205	5.0853	.45179
#1	-.00258	.99785	1.1096	1.2645	-.01784	.03246	.21290
#2	-.00250	.93127	1.0954	1.2548	-.02344	.03020	.21155

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55675	.59614	.19300	.27170	-.01297	-.01439
SDev	.00254	.00328	.00134	.00054	.00432	.00143
%RSD	.45650	.55008	.69485	.19760	33.308	9.9231
#1	.55855	.59846	.19394	.27132	-.01602	-.01338
#2	.55496	.59382	.19205	.27208	-.00991	-.01540

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32128	--	--	--	--	--	--
SDev	161.9275	--	--	--	--	--	--
%RSD	.5039994	--	--	--	--	--	--
#1	32014	--	--	--	--	--	--
#2	32243	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 08:45:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4734	.48610	.49341	.48974	.49778	.49025	.49268
SDev	.0301	.00553	.00894	.00482	.00588	.00504	.00530
%RSD	1.2189	1.1368	1.8128	.98381	1.1803	1.0274	1.0755
#1	2.4947	.49001	.49974	.49315	.50193	.49381	.49643
#2	2.4520	.48219	.48709	.48633	.49362	.48669	.48893

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.303	.48849	.49140	.49454	2.4896	.45619	.49117
SDev	.157	.00611	.00540	.00373	.0368	.00407	.00670
%RSD	1.2775	1.2502	1.0997	.75364	1.4780	.89298	1.3637
#1	12.415	.49280	.49523	.49717	2.5156	.45907	.49590
#2	12.192	.48417	.48758	.49190	2.4635	.45331	.48643

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49886	4.9442	.48523	.49764	.51399	11.758	.95015
SDev	.00036	.0702	.00611	.00664	.00416	.104	.01997
%RSD	.07251	1.4207	1.2592	1.3347	.80931	.88597	2.1014
#1	.49912	4.9939	.48955	.50233	.51693	11.832	.96427
#2	.49861	4.8946	.48091	.49294	.51105	11.684	.93603

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24385	12.313	11.571	.24180	.49060	.50098	.49543
SDev	.00305	.086	.087	.00224	.00847	.00584	.00507
%RSD	1.2500	.70077	.75073	.92646	1.7261	1.1660	1.0240
#1	.24601	12.374	11.633	.24338	.49659	.50511	.49901
#2	.24169	12.252	11.510	.24021	.48462	.49684	.49184

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49502	.50246	.48864	.49243	.49132	.50269
SDev	.00570	.00636	.00533	.00738	.00491	.00191
%RSD	1.1515	1.2668	1.0916	1.4987	1.0001	.38070
#1	.49905	.50696	.49241	.49765	.49479	.50134
#2	.49099	.49796	.48487	.48721	.48784	.50404

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24456	--	--	--	--	--	--
SDev	259.5082	--	--	--	--	--	--
%RSD	1.061101	--	--	--	--	--	--
#1	24273	--	--	--	--	--	--
#2	24640	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 08:49:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02833	.00049	.00261	.00042	.00034	.00197	.00039
SDev	.00386	.00143	.00080	.00013	.00011	.00019	.00013

%RSD	13.639	290.83	30.752	31.763	33.088	9.4551	33.051
#1	.03106	.00150	.00204	.00051	.00041	.00210	.00048
#2	.02560	-.00052	.00318	.00032	.00026	.00184	.00030

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01434	.00009	.00016	.00053	.00410	.00024	.00006
SDev	.00532	.00005	.00012	.00022	.00215	.00015	.00032
%RSD	37.090	52.991	77.416	41.530	52.265	65.147	526.08

#1	.01810	.00005	.00007	.00068	.00259	.00035	-.00017
#2	.01058	.00012	.00025	.00037	.00562	.00013	.00029

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00487	.01958	.00042	.00078	.00040	.06153	.01108
SDev	.00053	.00772	.00016	.00052	.00136	.03064	.00188
%RSD	10.979	39.415	38.911	66.655	339.06	49.800	16.979
#1	.00449	.02504	.00054	.00114	.00136	.08319	.01241
#2	.00524	.01412	.00030	.00041	-.00056	.03986	.00975

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.01775	.01683	.00019	.00014	.00201	.00040
SDev	.00020	.04605	.00460	.00008	.00123	.00185	.00017
%RSD	2111.2	259.53	27.317	40.073	887.96	91.662	42.984
#1	-.00015	.05031	.02008	.00024	-.00073	.00332	.00052
#2	.00014	-.01482	.01358	.00014	.00101	.00071	.00028

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00023	.00102	-.00042	.00366	.00547
SDev	.00027	.00023	.00101	.00002	.00296	.00068
%RSD	71.574	102.06	99.375	4.5858	80.930	12.414
#1	.00057	.00040	.00030	-.00040	.00156	.00595
#2	.00019	.00006	.00173	-.00043	.00575	.00499

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24314	--	--	--	--	--	--
SDev	132.2290	--	--	--	--	--	--
%RSD	.5438276	--	--	--	--	--	--
#1	24221	--	--	--	--	--	--
#2	24408	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-9-a Operator: SRP
Run Time: 01/06/12 08:53:22
Comment: TRACE 61E

Analysis Report 01/06/12 08:57:10 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	144.37	-.00006	.09705	2.0804	.00757	.07097	.00815
SDev	.26	.00199	.00213	.0039	.00001	.00014	.00016
%RSD	.17817	3486.1	2.1969	.18814	.12447	.20195	1.9163
#1	144.55	.00135	.09554	2.0832	.00757	.07107	.00826
#2	144.19	-.00146	.09855	2.0777	.00756	.07087	.00804

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1483.9	.12431	.08178	.27816	109.07	.09805	.13664
SDev	3.3	.00005	.00011	.00002	.18	.00015	.00022
%RSD	.22266	.04338	.13742	.00569	.16947	.15135	.15794
#1	1486.2	.12435	.08186	.27817	109.20	.09816	.13679
#2	1481.5	.12428	.08170	.27814	108.94	.09795	.13648

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01291	24.243	12.422	.00075	.20779	22.016	17.973
SDev	.00199	.043	.020	.00080	.00040	.045	.020
%RSD	15.377	.17610	.16273	105.46	.19065	.20293	.11306
#1	-.01151	24.273	12.436	.00132	.20807	22.048	17.987
#2	-.01432	24.213	12.408	.00019	.20751	21.985	17.959

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00190	3.2341	3.6441	6.8569	-.01453	.03401	.17954
SDev	.00025	.0442	.0045	.0101	.00121	.00053	.00033
%RSD	12.896	1.3660	.12411	.14679	8.3454	1.5460	.18467
#1	-.00173	3.2653	3.6473	6.8640	-.01367	.03439	.17977
#2	-.00208	3.2028	3.6409	6.8497	-.01539	.03364	.17930

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34201	.52622	.09906	.15542	-.01237	-.01318
SDev	.00097	.00052	.00342	.00139	.00254	.00171
%RSD	.28387	.09792	3.4556	.89293	20.533	12.958
#1	.34269	.52658	.10148	.15444	-.01057	-.01198
#2	.34132	.52586	.09664	.15640	-.01416	-.01439

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25352	--	--	--	--	--	--
SDev	71.41779	--	--	--	--	--	--
%RSD	.2816992	--	--	--	--	--	--
#1	25302	--	--	--	--	--	--
#2	25403	--	--	--	--	--	--

Analysis Report 01/06/12 08:57:10 AM page 15

Method: 20076010 Sample Name: 600-48179-c-9-b du Operator: SRP
Run Time: 01/06/12 08:57:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	136.75	-.00171	.08227	1.1650	.00692	.07689	.00690
SDev	1.19	.00083	.00147	.0106	.00005	.00069	.00011
%RSD	.86835	48.400	1.7865	.90729	.67918	.89695	1.6566
#1	137.59	-.00230	.08331	1.1725	.00696	.07738	.00698
#2	135.91	-.00113	.08123	1.1575	.00689	.07641	.00682

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1600.7	.11873	.06200	.23876	101.65	.09591	.11781
SDev	13.5	.00091	.00072	.00215	.89	.00084	.00129
%RSD	.84182	.77014	1.1675	.89931	.87164	.87289	1.0937
#1	1610.3	.11937	.06251	.24028	102.28	.09650	.11872
#2	1591.2	.11808	.06149	.23724	101.03	.09532	.11690

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01220	24.702	6.9919	.00147	.15618	21.708	19.598
SDev	.00263	.203	.0624	.00012	.00055	.187	.175
%RSD	21.582	.82112	.89302	8.3878	.35013	.86279	.89128
#1	-.01034	24.846	7.0361	.00138	.15656	21.841	19.722
#2	-.01406	24.559	6.9478	.00155	.15579	21.576	19.475

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00186	3.6375	4.0975	8.1071	-.01222	.03604	.19200
SDev	.00026	.1612	.0348	.0739	.00238	.00207	.00201
%RSD	14.229	4.4304	.85033	.91111	19.481	5.7531	1.0448
#1	-.00167	3.7514	4.1221	8.1593	-.01054	.03751	.19341
#2	-.00205	3.5235	4.0728	8.0548	-.01391	.03457	.19058

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29098	.51671	.08349	.13497	-.01112	-.01274
SDev	.00252	.00446	.00172	.00107	.00934	.00072
%RSD	.86592	.86362	2.0644	.79340	84.011	5.6634
#1	.29276	.51986	.08471	.13573	-.00451	-.01325
#2	.28920	.51355	.08227	.13421	-.01773	-.01223

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25052	--	--	--	--	--	--

Analysis Report 01/06/12 09:01:01 AM page 16

SDev	217.0818	--	--	--	--	--	--
%RSD	.8665420	--	--	--	--	--	--
#1	24898	--	--	--	--	--	--
#2	25205	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-9-c ms Operator: SRP
Run Time: 01/06/12 09:01:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	208.63	.17578	.87736	2.1804	.37755	.70359	.36184
SDev	.38	.00017	.00093	.0014	.00007	.00037	.00034
%RSD	.18452	.09917	.10575	.06568	.01818	.05262	.09336

#1	208.36	.17590	.87802	2.1794	.37760	.70385	.36208
#2	208.91	.17565	.87671	2.1814	.37750	.70332	.36161

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1437.6	.87584	.78063	1.8888	132.49	.67377	.84732
SDev	2.4	.00017	.00057	.0010	.04	.00144	.00133
%RSD	.16534	.01965	.07309	.05176	.02672	.21332	.15750
#1	1439.3	.87571	.78103	1.8881	132.51	.67275	.84827
#2	1435.9	.87596	.78023	1.8895	132.46	.67479	.84638

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76255	37.384	8.5211	.64576	.91091	39.578	21.373
SDev	.00630	.013	.0016	.00048	.00385	.083	.024
%RSD	.82673	.03585	.01904	.07480	.42319	.20914	.11132
#1	.76701	37.393	8.5223	.64542	.91364	39.519	21.356
#2	.75809	37.374	8.5200	.64610	.90819	39.636	21.390

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42600	14.266	16.009	7.0657	.74169	.74107	.50908
SDev	.00026	.179	.032	.0100	.01006	.00078	.00049
%RSD	.06065	1.2514	.20228	.14144	1.3558	.10530	.09617
#1	.42618	14.392	15.986	7.0587	.73457	.74162	.50874
#2	.42581	14.139	16.032	7.0728	.74880	.74052	.50943

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0815	1.3514	.79152	.87523	.75640	.76563
SDev	.0004	.0004	.00266	.00067	.01586	.00153
%RSD	.03917	.02982	.33599	.07678	2.0972	.19918
#1	1.0818	1.3516	.79340	.87570	.76761	.76671
#2	1.0812	1.3511	.78964	.87475	.74518	.76455

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25589	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.2100126	--	--	--	--	--	--
#1	25551	--	--	--	--	--	--
#2	25627	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-9-d msd Operator: SRP
Run Time: 01/06/12 09:04:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	217.19	.18160	.90495	2.2173	.38432	.71486	.36806
SDev	.29	.00074	.00759	.0047	.00005	.00088	.00043
%RSD	.13275	.40551	.83877	.21154	.01387	.12259	.11574
#1	217.40	.18212	.91032	2.2206	.38436	.71424	.36776
#2	216.99	.18108	.89958	2.2140	.38429	.71548	.36836

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1390.9	.89870	.80347	1.1332	160.20	.68270	.87466
SDev	1.4	.00027	.00091	.0030	.05	.00160	.00055
%RSD	.10101	.02970	.11278	.26561	.03133	.23438	.06247
#1	1389.9	.89851	.80411	1.1353	160.24	.68383	.87428
#2	1391.9	.89889	.80282	1.1311	160.17	.68156	.87505

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77039	37.825	8.3684	.65433	.92672	40.093	21.680
SDev	.00423	.019	.0018	.00064	.00091	.083	.021
%RSD	.54893	.04932	.02171	.09704	.09813	.20701	.09685
#1	.77338	37.838	8.3697	.65478	.92737	40.152	21.695
#2	.76740	37.812	8.3672	.65388	.92608	40.034	21.665

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43137	14.421	16.147	6.6947	.75058	.75719	.54121
SDev	.00002	.079	.031	.0098	.00077	.00110	.00064
%RSD	.00409	.55017	.19200	.14613	.10277	.14578	.11883
#1	.43136	14.477	16.169	6.7016	.75112	.75641	.54166
#2	.43138	14.365	16.125	6.6878	.75003	.75797	.54075

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1387	1.4299	.81722	.90338	.76648	.77235
SDev	.0011	.0001	.00175	.00170	.00140	.00564
%RSD	.09925	.00819	.21457	.18778	.18254	.73074

#1	1.1395	1.4300	.81846	.90218	.76747	.77634
#2	1.1379	1.4298	.81598	.90458	.76549	.76836

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25870	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0847342	--	--	--	--	--	--
#1	25854	--	--	--	--	--	--
#2	25885	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-10-a Operator: SRP
Run Time: 01/06/12 09:08:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	280.19	-.00183	.16894	3.6574	.01683	.05199	.01020
SDev	1.86	.00144	.00076	.0231	.00008	.00085	.00005
%RSD	.66346	78.827	.44933	.63080	.47317	1.6440	.48337
#1	278.88	-.00285	.16948	3.6411	.01678	.05138	.01023
#2	281.51	-.00081	.16840	3.6738	.01689	.05259	.01016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	645.74	.24218	.21024	.34433	214.64	.15702	.27195
SDev	4.07	.00142	.00113	.00261	1.39	.00108	.00169
%RSD	.63055	.58522	.53600	.75864	.64579	.68942	.62042
#1	642.86	.24118	.20944	.34248	213.66	.15625	.27075
#2	648.62	.24318	.21104	.34618	215.62	.15778	.27314

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01778	38.610	21.511	-.00007	.36816	31.885	18.206
SDev	.00066	.249	.124	.00028	.00330	.198	.119
%RSD	3.7172	.64439	.57722	375.07	.89498	.62085	.65212
#1	-.01731	38.434	21.423	.00012	.36583	31.745	18.122
#2	-.01825	38.786	21.598	-.00027	.37049	32.024	18.290

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00268	1.5903	1.7668	2.1180	-.02657	.03010	.19599
SDev	.00010	.0047	.0124	.0136	.00152	.00059	.00135
%RSD	3.5966	.29291	.70373	.64426	5.7012	1.9538	.68877
#1	-.00275	1.5936	1.7580	2.1084	-.02550	.03051	.19503
#2	-.00261	1.5870	1.7756	2.1277	-.02765	.02968	.19694

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65948	.88759	.20901	.30342	-.02196	-.01569
SDev	.00436	.00548	.00245	.00130	.00203	.00002
%RSD	.66142	.61736	1.1727	.43018	9.2567	.15851
#1	.65639	.88371	.20728	.30249	-.02052	-.01571
#2	.66256	.89146	.21074	.30434	-.02339	-.01567

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32248	--	--	--	--	--	--
SDev	145.6640	--	--	--	--	--	--
%RSD	.4516993	--	--	--	--	--	--
#1	32351	--	--	--	--	--	--
#2	32145	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-11-a Operator: SRP
Run Time: 01/06/12 09:12:39
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	261.15	-.00122	.09430	3.4854	.01587	.02656	.00774
SDev	.18	.00023	.00222	.0007	.00001	.00083	.00019
%RSD	.06829	18.641	2.3505	.02091	.08657	3.1152	2.4918
#1	261.03	-.00106	.09273	3.4849	.01586	.02714	.00787
#2	261.28	-.00138	.09586	3.4859	.01588	.02597	.00760

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	401.12	.21826	.14214	.19544	193.04	.13359	.21071
SDev	.42	.00052	.00017	.00013	.20	.00002	.00087
%RSD	.10539	.24059	.12312	.06401	.10183	.01663	.41138
#1	400.82	.21789	.14202	.19535	192.90	.13360	.21010
#2	401.42	.21863	.14227	.19552	193.18	.13357	.21133

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02110	37.678	19.813	-.00130	.33299	26.304	13.821
SDev	.00396	.022	.015	.00065	.00081	.009	.008
%RSD	18.749	.05957	.07636	49.950	.24182	.03568	.05740
#1	-.01830	37.662	19.803	-.00176	.33242	26.298	13.816
#2	-.02390	37.694	19.824	-.00084	.33356	26.311	13.827

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00213	1.3501	1.5143	1.3256	-.02394	.02623	.18403
SDev	.00014	.0542	.0016	.0010	.00234	.00055	.00005
%RSD	6.4288	4.0136	.10492	.07878	9.7705	2.1125	.02552

#1	-.00223	1.3118	1.5131	1.3249	-.02228	.02662	.18400
#2	-.00203	1.3884	1.5154	1.3264	-.02559	.02583	.18407

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54573	.58100	.15234	.23990	-.02352	-.01989
SDev	.00019	.00029	.00072	.00094	.00478	.00354
%RSD	.03553	.05062	.47182	.39219	20.324	17.817
#1	.54559	.58120	.15183	.23923	-.02014	-.01738
#2	.54586	.58079	.15285	.24056	-.02690	-.02240

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30846	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0343851	--	--	--	--	--	--
#1	30854	--	--	--	--	--	--
#2	30839	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-12-a Operator: SRP

Run Time: 01/06/12 09:16:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.43	-.00099	.07548	.74607	.00557	.03744	.00764
SDev	.41	.00038	.00598	.00253	.00002	.00051	.00026
%RSD	.36434	37.953	7.9172	.33854	.38989	1.3668	3.4528
#1	111.72	-.00072	.07125	.74786	.00556	.03780	.00783
#2	111.15	-.00125	.07970	.74429	.00559	.03708	.00746

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1811.8	.09740	.04554	.09192	92.593	.09215	.08204
SDev	4.4	.00047	.00017	.00094	.272	.00029	.00147
%RSD	.24277	.48160	.37148	1.0259	.29370	.31027	1.7880
#1	1814.9	.09773	.04542	.09259	92.785	.09235	.08100
#2	1808.7	.09707	.04566	.09125	92.401	.09195	.08307

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00914	23.455	6.2978	.00048	.16852	17.610	19.686
SDev	.00204	.073	.0172	.00084	.00112	.067	.062
%RSD	22.362	.30992	.27387	174.29	.66403	.37912	.31538
#1	-.01058	23.506	6.3100	.00108	.16931	17.657	19.729
#2	-.00769	23.403	6.2856	-.00011	.16772	17.562	19.642

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00213	4.7765	5.3891	8.7619	-.00935	.02669	.17564
SDev	.00001	.0914	.0169	.0298	.00024	.00067	.00052
%RSD	.26918	1.9143	.31388	.34063	2.6091	2.4987	.29526
#1	-.00213	4.8412	5.4011	8.7830	-.00917	.02716	.17601
#2	-.00212	4.7119	5.3772	8.7408	-.00952	.02622	.17527

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25261	.42383	.05401	.09605	-.00424	-.01158
SDev	.00122	.00059	.00186	.00127	.00537	.00575
%RSD	.48282	.13812	3.4335	1.3253	126.41	49.625
#1	.25347	.42425	.05270	.09515	-.00045	-.01564
#2	.25175	.42342	.05532	.09695	-.00804	-.00752

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24678	--	--	--	--	--	--
SDev	59.39697	--	--	--	--	--	--
%RSD	.2406879	--	--	--	--	--	--
#1	24636	--	--	--	--	--	--
#2	24720	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-13-a Operator: SRP
Run Time: 01/06/12 09:20:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	247.37	-.00058	.16639	2.2462	.01399	.03750	.00761
SDev	.14	.00086	.00209	.0028	.00002	.00032	.00006
%RSD	.05654	148.59	1.2560	.12520	.10754	.85256	.72163
#1	247.28	-.00119	.16491	2.2443	.01398	.03773	.00765
#2	247.47	.00003	.16787	2.2482	.01400	.03728	.00757

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	638.64	.21442	.12593	.22335	183.68	.13681	.22754
SDev	.64	.00002	.00003	.00060	.26	.00002	.00078
%RSD	.10084	.00686	.02543	.26939	.14144	.01233	.34231
#1	638.19	.21441	.12590	.22293	183.49	.13680	.22699
#2	639.10	.21443	.12595	.22378	183.86	.13682	.22810

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01165	33.574	11.835	-.00059	.25502	27.383	17.963
SDev	.00069	.035	.015	.00000	.00025	.022	.017
%RSD	5.9019	.10330	.12971	.02797	.09937	.07869	.09573
#1	-.01214	33.550	11.824	-.00059	.25520	27.367	17.951

#2	-.01116	33.599	11.846	-.00059	.25484	27.398	17.975

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00217	3.0700	3.3225	2.4049	-.01618	.03355	.22357
SDev	.00005	.0507	.0012	.0040	.00735	.00052	.00032
%RSD	2.0931	1.6518	.03712	.16607	45.431	1.5607	.14109
#1	-.00220	3.1059	3.3234	2.4021	-.01098	.03392	.22335
#2	-.00214	3.0341	3.3216	2.4077	-.02137	.03318	.22379

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53380	.62885	.17005	.25629	-.01053	-.01221
SDev	.00105	.00048	.00117	.00175	.00911	.00559
%RSD	.19625	.07588	.68720	.68385	86.470	45.757
#1	.53306	.62851	.17087	.25505	-.00409	-.01616
#2	.53454	.62919	.16922	.25753	-.01698	-.00826

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30276	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0513818	--	--	--	--	--	--

#1	30287	--	--	--	--	--	--
#2	30265	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-14-a Operator: SRP
Run Time: 01/06/12 09:24:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	203.15	-.00040	.11906	1.8834	.01156	.05066	.00850
SDev	.46	.00061	.00350	.0036	.00005	.00073	.00012
%RSD	.22783	151.69	2.9443	.19378	.41836	1.4323	1.4436
#1	203.48	-.00084	.12154	1.8859	.01159	.05117	.00858
#2	202.83	.00003	.11658	1.8808	.01152	.05014	.00841

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	786.28	.18299	.10638	.18216	159.56	.11811	.21020
SDev	3.86	.00085	.00067	.00009	.73	.00001	.00021
%RSD	.49137	.46182	.63247	.05086	.45451	.00632	.10026
#1	789.01	.18358	.10686	.18222	160.07	.11811	.21035
#2	783.55	.18239	.10590	.18209	159.05	.11810	.21005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01186	30.370	10.880	-.00046	.22074	30.559	19.781

SDev	.00141	.121	.046	.00045	.00161	.016	.072
%RSD	11.919	.39870	.42043	99.127	.72793	.05380	.36564
#1	-.01286	30.456	10.913	-.00014	.22187	30.547	19.833
#2	-.01086	30.285	10.848	-.00077	.21960	30.571	19.730

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00186	1.3575	1.6363	2.6921	-.01826	.07955	.21937
SDev	.00026	.0090	.0019	.0046	.00035	.00252	.00077
%RSD	14.048	.66008	.11692	.17109	1.9018	3.1682	.35262
#1	-.00167	1.3638	1.6377	2.6953	-.01851	.08134	.21992
#2	-.00204	1.3511	1.6350	2.6888	-.01801	.07777	.21882

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45698	.75437	.16057	.23502	-.01059	-.01250
SDev	.00169	.00232	.00167	.00052	.00322	.00051
%RSD	.36941	.30814	1.0425	.22163	30.440	4.0755
#1	.45817	.75601	.16176	.23465	-.01287	-.01286
#2	.45579	.75272	.15939	.23539	-.00831	-.01214

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29121	--	--	--	--	--	--

SDev	93.33810	--	--	--	--	--	--
%RSD	.3205182	--	--	--	--	--	--
#1	29055	--	--	--	--	--	--
#2	29187	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-15-a Operator: SRP
Run Time: 01/06/12 09:28:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.930	-.00124	.06742	.68703	.00464	.05548	.00760
SDev	.278	.00118	.00222	.00209	.00000	.00011	.00012
%RSD	.28055	94.981	3.2974	.30442	.08622	.20549	1.5774
#1	99.126	-.00207	.06585	.68851	.00464	.05556	.00752
#2	98.734	-.00041	.06899	.68555	.00464	.05540	.00769

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1772.6	.10814	.04763	.11270	106.30	.09768	.07050
SDev	5.4	.00017	.00035	.00108	.30	.00032	.00065
%RSD	.30472	.15385	.73104	.95430	.28687	.32262	.91671
#1	1776.5	.10826	.04787	.11346	106.52	.09791	.07096

#2	1768.8	.10802	.04738	.11194	106.09	.09746	.07005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01225	24.078	5.3841	.00066	.17872	18.335	18.781
SDev	.00341	.080	.0158	.00029	.00090	.039	.050
%RSD	27.794	.33336	.29422	44.328	.50241	.21290	.26563
#1	-.00984	24.135	5.3953	.00045	.17935	18.363	18.816
#2	-.01466	24.021	5.3729	.00087	.17808	18.308	18.745

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00205	4.6125	5.2429	9.6973	-.01147	.02715	.20543
SDev	.00007	.0790	.0101	.0327	.00035	.00195	.00021
%RSD	3.6442	1.7128	.19357	.33712	3.0270	7.1807	.10423
#1	-.00200	4.6684	5.2501	9.7204	-.01122	.02577	.20558
#2	-.00210	4.5567	5.2357	9.6742	-.01171	.02853	.20528

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24537	.46825	.04438	.08357	-.00217	-.01729
SDev	.00075	.00116	.00078	.00058	.00537	.00242
%RSD	.30543	.24810	1.7543	.69433	247.27	14.005
#1	.24590	.46907	.04493	.08398	.00163	-.01558
#2	.24484	.46742	.04383	.08316	-.00597	-.01900

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25763	--	--	--	--	--	--
SDev	87.68124	--	--	--	--	--	--
%RSD	.3403378	--	--	--	--	--	--
#1	25701	--	--	--	--	--	--
#2	25825	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 09:31:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3923	.46709	.47258	.47958	.47431	.47633	.47290
SDev	.0019	.00180	.00031	.00077	.00061	.00034	.00052
%RSD	.07819	.38555	.06614	.16163	.12848	.07154	.11080
#1	2.3910	.46836	.47280	.47903	.47475	.47657	.47327
#2	2.3936	.46581	.47236	.48013	.47388	.47609	.47253

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	11.871	.46715	.46861	.48041	2.3974	.45186	.47001
SDev	.081	.00075	.00038	.00097	.0020	.00120	.00007
%RSD	.67974	.16081	.08154	.20166	.08161	.26526	.01491
#1	11.928	.46768	.46888	.47972	2.3960	.45101	.47006
#2	11.814	.46662	.46834	.48109	2.3987	.45271	.46996

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48332	4.6985	.46455	.48101	.48074	11.576	.91775
SDev	.00173	.0029	.00060	.00267	.00108	.024	.00921
%RSD	.35829	.06137	.12981	.55443	.22508	.20548	1.0035
#1	.48210	4.7006	.46498	.47912	.47998	11.559	.92426
#2	.48455	4.6965	.46413	.48290	.48151	11.592	.91124

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23630	12.021	11.465	.23671	.48625	.47445	.48094
SDev	.00060	.067	.045	.00035	.00475	.00220	.00017
%RSD	.25532	.55369	.39324	.14941	.97613	.46279	.03553
#1	.23587	11.974	11.433	.23646	.48290	.47290	.48082
#2	.23672	12.068	11.497	.23696	.48961	.47600	.48106

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47729	.48394	.46154	.47425	.47293	.48858
SDev	.00075	.00117	.00159	.00090	.00125	.00322
%RSD	.15791	.24119	.34533	.19020	.26373	.65927
#1	.47782	.48477	.46041	.47488	.47381	.48630
#2	.47676	.48312	.46266	.47361	.47204	.49086

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24966	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--
%RSD	.0566456	--	--	--	--	--	--
#1	24956	--	--	--	--	--	--
#2	24976	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 09:35:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02713	.00040	-.00030	.00029	.00015	.00167	.00019
SDev	.00751	.00205	.00270	.00007	.00004	.00087	.00002
%RSD	27.686	507.15	911.81	23.355	25.940	52.081	11.383

#1	.03244	.00185	.00162	.00034	.00012	.00229	.00021
#2	.02182	-.00105	-.00221	.00024	.00017	.00106	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02639	.00020	-.00027	-.00031	-.01379	.00004	-.00001
SDev	.01330	.00035	.00035	.00059	.02386	.00003	.00029
%RSD	50.399	175.23	127.97	190.83	172.97	78.937	3481.5
#1	.03579	.00045	-.00003	.00011	.00308	.00006	-.00021
#2	.01698	-.00005	-.00052	-.00072	-.03066	.00002	.00019

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.01051	.00043	.00023	.00003	.01356	.00703
SDev	.00028	.00761	.00014	.00031	.00030	.03718	.00409
%RSD	23.201	72.421	31.360	138.28	869.70	274.15	58.212
#1	.00100	.01589	.00053	.00045	-.00018	.03985	.00993
#2	.00140	.00513	.00034	.00000	.00025	-.01273	.00414

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	-.09046	.00993	.00017	-.00195	.00105	.00029
SDev	.00042	.15834	.00170	.00006	.00108	.00137	.00007
%RSD	86.701	175.04	17.103	36.251	55.435	130.84	24.484
#1	-.00019	.02151	.01113	.00022	-.00118	.00202	.00034
#2	-.00079	-.20242	.00873	.00013	-.00271	.00008	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00009	-.00015	.00006	-.00138	.00249
SDev	.00069	.00000	.00223	.00068	.00594	.00255
%RSD	1098.1	2.8333	1466.1	1074.8	431.69	102.65

#1	.00055	.00009	-.00173	.00055	-.00558	.00429
#2	-.00043	.00009	.00143	-.00042	.00283	.00068

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24726	--	--	--	--	--	--
SDev	164.0488	--	--	--	--	--	--
%RSD	.6634667	--	--	--	--	--	--
#1	24610	--	--	--	--	--	--
#2	24842	--	--	--	--	--	--

Analysis Report 01/06/12 09:44:13 AM page 1

Method: 20076010 Sample Name: 600-48179-c-16-a Operator: SRP
Run Time: 01/06/12 09:40:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	208.44	-.00353	.17181	5.1478	.01229	.12366	.01110
SDev	1.81	.00173	.00014	.0452	.00009	.00086	.00025
%RSD	.87052	49.057	.08096	.87730	.75389	.69591	2.2867
#1	209.72	-.00230	.17171	5.1798	.01236	.12427	.01128
#2	207.15	-.00475	.17191	5.1159	.01222	.12305	.01092

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1158.0	.17519	.29487	.28166	182.20	.12952	.27067
SDev	6.5	.00154	.00221	.00226	1.35	.00123	.00191
%RSD	.56357	.88018	.74898	.80226	.73935	.95186	.70398
#1	1162.6	.17628	.29643	.28326	183.15	.13039	.27202
#2	1153.4	.17410	.29330	.28006	181.24	.12865	.26932

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02461	28.654	41.543	.00680	.57868	26.205	18.884
SDev	.00121	.206	.301	.00081	.00424	.262	.131
%RSD	4.9206	.72026	.72500	11.971	.73269	1.0016	.69426
#1	-.02375	28.800	41.756	.00737	.58168	26.390	18.977
#2	-.02547	28.508	41.330	.00622	.57569	26.019	18.791

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00261	3.1665	3.6273	4.4846	-.02768	.02709	.20050
SDev	.00030	.0343	.0362	.0393	.00679	.00083	.00215
%RSD	11.558	1.0822	.99822	.87523	24.531	3.0540	1.0734
#1	-.00240	3.1907	3.6529	4.5124	-.02288	.02767	.20202
#2	-.00283	3.1422	3.6017	4.4569	-.03249	.02650	.19898

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.69724	.54894	.21522	.29839	-.03613	-.01885
SDev	.00505	.00229	.00071	.00250	.00222	.00071

%RSD	.72375	.41789	.33153	.83830	6.1481	3.7443
#1	.70081	.55056	.21572	.30016	-.03456	-.01835
#2	.69367	.54732	.21472	.29663	-.03770	-.01935

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28350	--	--	--	--	--	--
SDev	226.2742	--	--	--	--	--	--
%RSD	.7981452	--	--	--	--	--	--

#1	28190	--	--	--	--	--
#2	28510	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-16-b ms Operator: SRP
Run Time: 01/06/12 09:44:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	276.73	.13039	.85639	3.6072	.35921	.63454	.34178
SDev	1.32	.00117	.00376	.0172	.00121	.00155	.00115
%RSD	.47735	.89566	.43870	.47665	.33661	.24462	.33548
#1	277.66	.13122	.85904	3.6194	.36007	.63564	.34260
#2	275.79	.12957	.85373	3.5951	.35836	.63345	.34097

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	942.95	.89253	.82029	1.0573	195.23	.65435	.89917
SDev	2.16	.00310	.00292	.0052	.66	.00380	.00374
%RSD	.22927	.34774	.35541	.48950	.33737	.58058	.41585
#1	944.47	.89473	.82235	1.0609	195.70	.65703	.90181
#2	941.42	.89034	.81822	1.0536	194.77	.65166	.89652

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67737	42.830	15.953	.54277	.97731	41.583	19.343
SDev	.00395	.147	.054	.00108	.00298	.231	.068
%RSD	.58276	.34420	.33649	.19938	.30467	.55649	.35114
#1	.68016	42.935	15.991	.54353	.97942	41.747	19.391
#2	.67458	42.726	15.915	.54200	.97521	41.419	19.295

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39000	13.005	14.333	3.9356	.68634	.67403	.43117
SDev	.00247	.030	.082	.0180	.01292	.00424	.00125
%RSD	.63391	.23249	.57233	.45726	1.8822	.62979	.28895
#1	.39175	13.026	14.391	3.9483	.69547	.67703	.43205
#2	.38825	12.984	14.275	3.9229	.67720	.67103	.43029

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2803	1.3350	.82002	.93874	.66461	.68376
SDev	.0046	.0044	.00414	.00354	.00468	.00358
%RSD	.36161	.32693	.50470	.37705	.70484	.52342
#1	1.2836	1.3381	.82295	.94124	.66792	.68629
#2	1.2770	1.3320	.81709	.93624	.66129	.68123

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/06/12 09:48:04 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29050	--	--	--	--	--	--
SDev	115.2584	--	--	--	--	--	--
%RSD	.3967655	--	--	--	--	--	--
#1	28968	--	--	--	--	--	--
#2	29131	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48179-c-16-c msd Operator: SRP
Run Time: 01/06/12 09:48:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	282.96	.12964	.85674	3.3494	.35769	.66977	.34031
SDev	.60	.00550	.00308	.0083	.00080	.00284	.00077
%RSD	.21250	4.2455	.35950	.24633	.22305	.42458	.22537
#1	283.39	.12575	.85456	3.3552	.35825	.67178	.34085
#2	282.54	.13353	.85891	3.3435	.35713	.66776	.33977

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	886.34	.89672	.80511	1.1263	197.42	.64378	.90755
SDev	1.25	.00193	.00253	.0025	.38	.00147	.00060
%RSD	.14052	.21498	.31390	.22233	.19494	.22853	.06627
#1	887.22	.89808	.80690	1.1281	197.69	.64482	.90798
#2	885.45	.89535	.80332	1.1246	197.15	.64274	.90713

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67101	43.572	15.125	.53835	.95278	42.386	20.366
SDev	.00219	.107	.031	.00130	.00208	.142	.033
%RSD	.32622	.24597	.20764	.24202	.21837	.33531	.16121
#1	.67255	43.647	15.148	.53742	.95131	42.486	20.389
#2	.66946	43.496	15.103	.53927	.95425	42.285	20.343

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38450	12.629	13.848	3.6381	.67645	.67589	.44080
SDev	.00103	.092	.037	.0075	.00434	.00630	.00055
%RSD	.26916	.72741	.26793	.20734	.64085	.93231	.12425
#1	.38523	12.694	13.874	3.6434	.67952	.68035	.44118

#2	.38377	12.564	13.822	3.6328	.67339	.67144	.44041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2351	1.3641	.82663	.94801	.65965	.67668
SDev	.0029	.0019	.00251	.00035	.00241	.00208
%RSD	.23231	.14101	.30348	.03715	.36558	.30704
#1	1.2371	1.3655	.82841	.94776	.66136	.67815

#2	1.2331	1.3628	.82486	.94826	.65795	.67521	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29670	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.2693014	--	--	--	--	--	--
#1	29614	--	--	--	--	--	--
#2	29727	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48179-c-9-a Operator: SRP
Run Time: 01/06/12 09:51:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	149.74	.86987	.96874	2.9012	.39283	.95069	.39014
SDev	.14	.00515	.00504	.0023	.00005	.00169	.00043
%RSD	.09461	.59254	.52026	.07930	.01206	.17806	.11024
#1	149.63	.86622	.97231	2.8996	.39287	.94949	.38983
#2	149.84	.87351	.96518	2.9028	.39280	.95189	.39044

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1466.4	.88514	.83570	1.1729	114.98	1.2889	.91017
SDev	.3	.00018	.00134	.0013	.09	.0015	.00034
%RSD	.01852	.01991	.16068	.10990	.07947	.11678	.03734
#1	1466.6	.88501	.83665	1.1720	114.92	1.2878	.90993
#2	1466.2	.88526	.83475	1.1738	115.05	1.2899	.91041

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83496	31.195	12.776	.81907	.97601	34.745	18.932
SDev	.00122	.001	.003	.00165	.00070	.015	.012
%RSD	.14585	.00438	.02504	.20109	.07180	.04418	.06105
#1	.83582	31.196	12.774	.81791	.97651	34.734	18.924
#2	.83409	31.194	12.778	.82024	.97552	34.755	18.940

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45562	14.481	16.884	7.2914	.80382	.84097	1.0049
SDev	.00026	.034	.034	.0043	.00295	.00029	.0001
%RSD	.05805	.23787	.20217	.05896	.36677	.03487	.00915

#1	.45543	14.505	16.859	7.2883	.80591	.84076	1.0049
#2	.45581	14.456	16.908	7.2944	.80174	.84118	1.0048

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1399	1.3440	.85390	.93830	.81842	.84322

Analysis Report 01/06/12 09:55:46 AM page 5

SDev	.0000	.0021	.00137	.00018	.00729	.00182
%RSD	.00055	.15456	.16095	.01890	.89109	.21580
#1	1.1399	1.3425	.85293	.93843	.82357	.84194
#2	1.1399	1.3454	.85487	.93818	.81326	.84451

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25760	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0384297	--	--	--	--	--	--
#1	25753	--	--	--	--	--	--
#2	25767	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48179-c-9-a@5 Operator: SRP
Run Time: 01/06/12 09:55:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.184	.00245	.02212	.46840	.00147	.01871	.00134
SDev	.367	.00127	.00065	.00502	.00001	.00127	.00005
%RSD	1.1767	51.656	2.9364	1.0711	.71484	6.7848	3.7696
#1	31.443	.00335	.02166	.47195	.00148	.01960	.00130
#2	30.924	.00156	.02258	.46485	.00146	.01781	.00137

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	502.44	.02933	.01876	.05883	26.123	.01825	.03198
SDev	6.71	.00028	.00041	.00087	.311	.00024	.00059
%RSD	1.3360	.96421	2.1812	1.4747	1.1906	1.2967	1.8552
#1	507.18	.02953	.01905	.05944	26.343	.01841	.03240
#2	497.69	.02913	.01847	.05822	25.903	.01808	.03156

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	5.7706	3.0201	.00057	.04833	3.7417	4.1214
SDev	.00152	.0741	.0356	.00006	.00152	.0618	.0560
%RSD	682.22	1.2839	1.1785	11.377	3.1541	1.6530	1.3586
#1	.00129	5.8229	3.0452	.00061	.04941	3.7854	4.1610
#2	-.00085	5.7182	2.9949	.00052	.04725	3.6979	4.0818

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	.57971	.64590	1.4377	-.00174	.00817	.04161

SDev	.00022	.06525	.00763	.0144	.00120	.00030	.00065
%RSD	39.368	11.256	1.1809	1.0012	68.701	3.6552	1.5541
#1	-.00041	.53357	.65129	1.4479	-.00090	.00838	.04206
#2	-.00072	.62585	.64050	1.4276	-.00259	.00796	.04115

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07799	.12630	.02356	.03620	-.00097	.00082
SDev	.00101	.00159	.00249	.00036	.00201	.00328
%RSD	1.2935	1.2557	10.578	.98401	207.19	400.46
#1	.07870	.12742	.02533	.03594	-.00240	.00314
#2	.07727	.12518	.02180	.03645	.00045	-.00150

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24589	--	--	--	--	--	--
SDev	236.1737	--	--	--	--	--	--
%RSD	.9604850	--	--	--	--	--	--
#1	24422	--	--	--	--	--	--
#2	24756	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 09:59:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3815	.47262	.47509	.47947	.47190	.47749	.47679
SDev	.0055	.00282	.00079	.00136	.00176	.00226	.00139
%RSD	.23102	.59636	.16702	.28464	.37234	.47404	.29148
#1	2.3853	.47461	.47565	.48044	.47314	.47909	.47777
#2	2.3776	.47063	.47453	.47851	.47066	.47589	.47581

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.858	.46536	.46456	.47501	2.4010	.45224	.46940
SDev	.040	.00157	.00169	.00101	.0022	.00044	.00161
%RSD	.34006	.33760	.36290	.21204	.09210	.09618	.34286
#1	11.887	.46647	.46575	.47572	2.3995	.45254	.47053
#2	11.830	.46424	.46337	.47429	2.4026	.45193	.46826

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47828	4.6858	.46261	.48064	.48278	11.588	.90319
SDev	.00145	.0108	.00146	.00221	.00040	.004	.00677
%RSD	.30372	.22953	.31539	.45948	.08274	.03162	.74991
#1	.47725	4.6934	.46364	.47908	.48306	11.590	.90798
#2	.47931	4.6782	.46158	.48220	.48250	11.585	.89840

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23591	12.044	11.475	.23766	.48716	.47395	.48044
SDev	.00000	.024	.003	.00049	.00855	.00091	.00138

%RSD	.00002	.19923	.02586	.20626	1.7553	.19245	.28705
#1	.23591	12.027	11.473	.23801	.48111	.47459	.48142
#2	.23591	12.061	11.477	.23732	.49321	.47330	.47947

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47457	.48470	.45582	.47619	.46294	.48600
SDev	.00138	.00163	.00351	.00066	.00141	.00147
%RSD	.29096	.33740	.76974	.13855	.30486	.30309
#1	.47554	.48585	.45830	.47665	.46195	.48496
#2	.47359	.48354	.45334	.47572	.46394	.48704

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25284	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0475441	--	--	--	--	--	--
#1	25275	--	--	--	--	--	--
#2	25292	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 10:03:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03302	.00207	.00283	.00046	.00014	.00292	.00027
SDev	.00135	.00000	.00254	.00001	.00005	.00010	.00005
%RSD	4.0868	.11676	89.765	1.3410	31.777	3.2725	17.248
#1	.03397	.00206	.00462	.00046	.00018	.00298	.00031
#2	.03206	.00207	.00103	.00047	.00011	.00285	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01202	.00083	.00022	-.00005	-.00118	-.00006	.00044
SDev	.00154	.00005	.00000	.00021	.00343	.00002	.00029
%RSD	12.802	5.5178	.09202	396.08	290.70	37.792	64.694
#1	.01311	.00086	.00022	.00009	-.00361	-.00004	.00065
#2	.01093	.00079	.00022	-.00020	.00125	-.00007	.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	-.00694	.00048	-.00008	.00027	-.08405	.00233
SDev	.00039	.00121	.00005	.00011	.00009	.00951	.00141
%RSD	76.569	17.455	10.838	142.85	34.193	11.313	60.524
#1	.00078	-.00608	.00051	-.00015	.00034	-.07733	.00333
#2	.00023	-.00780	.00044	.00000	.00021	-.09077	.00133

Analysis Report Blank Sample 01/06/12 10:07:20 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.04336	.00614	.00023	-.00002	.00059	.00056
SDev	.00022	.02641	.00079	.00003	.00071	.00022	.00002
%RSD	371.12	60.913	12.801	11.386	3726.7	36.398	3.5187
#1	-.00022	.06203	.00669	.00025	.00048	.00044	.00057
#2	.00010	.02468	.00558	.00022	-.00052	.00075	.00055

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	.00031	-.00249	.00191	-.00068	.00110
SDev	.00008	.00016	.00148	.00031	.00036	.00076
%RSD	9.9716	53.789	59.681	16.373	53.296	69.358
#1	.00089	.00042	-.00144	.00169	-.00094	.00164
#2	.00077	.00019	-.00354	.00213	-.00042	.00056

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25233	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--
%RSD	.0280231	--	--	--	--	--	--
#1	25238	--	--	--	--	--	--
#2	25228	--	--	--	--	--	--

Analysis Report 01/06/12 10:13:12 AM page 1

Method: 20076010 Sample Name: mb 600-69471/1-a Operator: SRP
Run Time: 01/06/12 10:09:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03582	-.00018	.00218	.00482	-.00028	.00164	.00008
SDev	.00012	.00019	.00123	.00008	.00004	.00010	.00012
%RSD	.32009	106.23	56.656	1.5753	15.914	6.1467	150.67
#1	.03591	-.00004	.00305	.00477	-.00031	.00171	-.00001
#2	.03574	-.00031	.00131	.00487	-.00025	.00157	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06869	.00077	-.00053	-.00016	.02228	-.00024	.00675
SDev	.00195	.00026	.00032	.00015	.00405	.00006	.00022
%RSD	2.8371	33.657	59.658	93.813	18.176	26.764	3.3335
#1	.06731	.00059	-.00076	-.00027	.02514	-.00029	.00659
#2	.07006	.00095	-.00031	-.00005	.01941	-.00020	.00691

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	-.00072	.00079	-.00003	.00030	-.01306	.00682

SDev	.00036	.00119	.00005	.00006	.00006	.00194	.00098
%RSD	87.211	164.99	6.6668	178.76	20.776	14.828	14.315
#1	.00066	-.00156	.00075	.00001	.00025	-.01169	.00751
#2	.00016	.00012	.00083	-.00007	.00034	-.01443	.00613

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	-.01993	.01675	.00022	-.00441	.02986	.00015
SDev	.00000	.07118	.00223	.00002	.00423	.00030	.00006
%RSD	.06901	357.19	13.310	10.722	96.058	.99051	37.217
#1	-.00027	-.07026	.01517	.00020	-.00740	.03007	.00011
#2	-.00027	.03041	.01832	.00024	-.00141	.02965	.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00550	.00858	.00584	-.00527	.00325
SDev	.00017	.00024	.00163	.00048	.00051	.00079
%RSD	56.933	4.4406	18.997	8.1712	9.6652	24.365
#1	.00018	.00533	.00742	.00618	-.00563	.00381
#2	.00043	.00567	.00973	.00550	-.00491	.00269

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24552	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0432014	--	--	--	--	--	--

#1	24544	--	--	--	--	--	--
#2	24559	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69471/2-a Operator: SRP
Run Time: 01/06/12 10:13:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.258	.73932	1.1132	2.1735	1.2583	.72839	.61297
SDev	.199	.00046	.0057	.0088	.0054	.00383	.00242
%RSD	.29637	.06239	.51197	.40394	.42973	.52608	.39400
#1	67.399	.73964	1.1172	2.1797	1.2621	.73110	.61468
#2	67.118	.73899	1.1091	2.1673	1.2545	.72568	.61127

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.702	.86123	1.1608	.94400	133.75	.06906	1.1053
SDev	.315	.00359	.0051	.00442	.55	.00021	.0066
%RSD	.38534	.41675	.43886	.46830	.40764	.30372	.59284
#1	81.925	.86377	1.1644	.94713	134.13	.06921	1.1099
#2	81.480	.85870	1.1572	.94088	133.36	.06891	1.1006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6133	32.388	4.2667	.79632	1.1329	39.902	6.7760
SDev	.0047	.122	.0180	.00194	.0085	.157	.0222
%RSD	.28848	.37792	.42210	.24362	.75056	.39399	.32706
#1	1.6166	32.475	4.2794	.79769	1.1389	40.013	6.7916
#2	1.6100	32.301	4.2540	.79495	1.1269	39.791	6.7603

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38494	3.2191	5.8230	2.0771	1.3744	1.2951	3.1995
SDev	.00141	.0373	.0193	.0081	.0097	.0031	.0125
%RSD	.36656	1.1582	.33119	.39051	.70680	.23600	.39174
#1	.38593	3.1927	5.8366	2.0828	1.3813	1.2973	3.2083
#2	.38394	3.2455	5.8094	2.0714	1.3676	1.2930	3.1906

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50967	1.9365	1.0592	1.1283	1.5576	1.6411
SDev	.00179	.0082	.0061	.0068	.0034	.0053
%RSD	.35109	.42512	.57231	.60248	.21926	.32133
#1	.51093	1.9423	1.0635	1.1331	1.5600	1.6448
#2	.50840	1.9306	1.0549	1.1235	1.5552	1.6374

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/06/12 10:17:03 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26258	--	--	--	--	--	--
SDev	92.63099	--	--	--	--	--	--
%RSD	.3527657	--	--	--	--	--	--
#1	26193	--	--	--	--	--	--
#2	26324	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-1-a Operator: SRP
Run Time: 01/06/12 10:17:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	214.79	.21778	.29005	2.0843	.01281	.04749	.08408
SDev	.11	.00254	.00016	.0016	.00001	.00058	.00031
%RSD	.05319	1.1671	.05529	.07611	.09029	1.2161	.37197
#1	214.87	.21958	.28994	2.0854	.01280	.04789	.08430
#2	214.71	.21599	.29017	2.0831	.01281	.04708	.08386

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1029.3	.24431	.10159	1.0220	198.74	.13806	20.671
SDev	2.0	.00024	.00002	.0021	.28	.00021	.038
%RSD	.19753	.09858	.01817	.20107	.13939	.15580	.18541

#1	1027.9	.24414	.10160	1.0235	198.54	.13822	20.644
#2	1030.7	.24448	.10158	1.0206	198.93	.13791	20.698

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02177	31.791	9.5001	.00915	.46843	30.822	12.798
SDev	.00034	.041	.0108	.00078	.00014	.047	.009
%RSD	1.5714	.13013	.11367	8.5426	.02979	.15308	.06755

#1	.02153	31.762	9.4925	.00860	.46853	30.856	12.792
#2	.02201	31.820	9.5078	.00971	.46833	30.789	12.804

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00148	1.8489	2.1855	3.4874	-.01546	.41655	.24611
SDev	.00005	.0257	.0065	.0021	.00178	.00184	.00090
%RSD	3.3338	1.3925	.29650	.05928	11.530	.44223	.36614

#1	-.00145	1.8307	2.1901	3.4889	-.01420	.41524	.24675
#2	-.00152	1.8671	2.1809	3.4860	-.01672	.41785	.24547

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74782	.73538	19.916	21.049	.02665	.01933
SDev	.00052	.00176	.002	.058	.00296	.00097
%RSD	.06958	.23953	.01010	.27791	11.120	5.0135

#1	.74745	.73414	19.917	21.008	.02456	.02001

#2	.74818	.73663	19.915	21.090	.02875	.01864

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28158	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.0527364	--	--	--	--	--	--

#1	28147	--	--	--	--	--	--
#2	28168	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-2-a Operator: SRP
Run Time: 01/06/12 10:20:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	242.19	.00480	.10711	2.0862	.01431	.05133	1.5382
SDev	.45	.00097	.00067	.0021	.00002	.00025	.0005
%RSD	.18473	20.128	.62086	.10284	.16053	.48098	.03522

#1	242.51	.00548	.10758	2.0877	.01432	.05150	1.5386
#2	241.87	.00412	.10664	2.0847	.01429	.05115	1.5378

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	764.53	.24223	.07932	.24535	181.61	.14278	1.7120
SDev	.09	.00007	.00026	.00070	.06	.00034	.0017

%RSD	.01225	.03029	.32530	.28587	.03424	.24041	.09713
#1	764.60	.24228	.07950	.24585	181.65	.14302	1.7132
#2	764.47	.24218	.07913	.24486	181.56	.14254	1.7108

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00677	35.015	7.5328	.00133	.27620	28.403	11.505
SDev	.00163	.014	.0038	.00165	.00056	.092	.013
%RSD	24.139	.03987	.05075	124.72	.20208	.32446	.11171
#1	-.00792	35.025	7.5355	.00249	.27580	28.468	11.514
#2	-.00561	35.005	7.5301	.00016	.27659	28.338	11.496

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00218	2.9296	3.3885	1.9439	-.01485	.04174	.22059
SDev	.00035	.0020	.0111	.0018	.00251	.00142	.00036
%RSD	16.267	.06926	.32793	.09002	16.896	3.3927	.16324
#1	-.00193	2.9310	3.3963	1.9451	-.01308	.04275	.22084
#2	-.00243	2.9282	3.3806	1.9426	-.01663	.04074	.22033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.69132	.64817	1.6028	1.7666	-.00284	-.00873

SDev	.00084	.00056	.0056	.0003	.00544	.00517
%RSD	.12205	.08592	.35184	.01842	191.23	59.232
#1	.69191	.64856	1.6067	1.7664	.00100	-.01238
#2	.69072	.64777	1.5988	1.7668	-.00669	-.00507

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29764	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.0783998	--	--	--	--	--	--
#1	29747	--	--	--	--	--	--
#2	29780	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-3-a Operator: SRP
Run Time: 01/06/12 10:24:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	233.92	.04946	.17018	2.4844	.01389	.05996	.01660
SDev	1.10	.00078	.00092	.0114	.00007	.00074	.00024
%RSD	.46820	1.5880	.54131	.45932	.51552	1.2412	1.4457
#1	234.70	.04890	.17083	2.4925	.01394	.06049	.01677
#2	233.15	.05001	.16952	2.4763	.01384	.05944	.01643

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	855.20	.24275	.09120	.27694	204.32	.15784	17.835
SDev	3.77	.00096	.00064	.00210	.90	.00079	.078
%RSD	.44106	.39408	.70008	.75975	.43897	.49901	.43547
#1	857.86	.24343	.09165	.27843	204.95	.15840	17.890
#2	852.53	.24208	.09075	.27546	203.69	.15729	17.780

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01202	35.460	9.1068	.00354	.28962	30.481	12.145
SDev	.00428	.166	.0414	.00032	.00098	.117	.058
%RSD	35.622	.46788	.45457	9.1187	.33694	.38314	.47548
#1	-.01505	35.577	9.1360	.00332	.29031	30.563	12.186
#2	-.00899	35.342	9.0775	.00377	.28893	30.398	12.104

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00211	2.6518	3.0179	3.0708	-.01578	.07044	.25299
SDev	.00014	.0290	.0148	.0142	.00458	.00233	.00163
%RSD	6.6033	1.0948	.49085	.46245	29.040	3.3092	.64524
#1	-.00201	2.6313	3.0284	3.0808	-.01902	.07208	.25414
#2	-.00221	2.6724	3.0075	3.0607	-.01254	.06879	.25184

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70635	.78694	17.116	18.194	-.00896	-.01355
SDev	.00238	.00391	.082	.075	.01105	.00090
%RSD	.33710	.49697	.48049	.41429	123.40	6.6100
#1	.70804	.78971	17.174	18.248	-.01677	-.01418
#2	.70467	.78418	17.058	18.141	-.00114	-.01292

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28741	--	--	--	--	--	--
SDev	106.0660	--	--	--	--	--	--
%RSD	.3690408	--	--	--	--	--	--
#1	28666	--	--	--	--	--	--
#2	28816	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-4-a Operator: SRP
Run Time: 01/06/12 10:28:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	178.11	.05563	.12678	1.9934	.01059	.08306	.21340
SDev	.59	.00059	.00061	.0061	.00005	.00090	.00065
%RSD	.32928	1.0620	.48119	.30808	.42850	1.0852	.30425
#1	178.53	.05521	.12635	1.9977	.01062	.08369	.21386
#2	177.70	.05605	.12721	1.9890	.01055	.08242	.21294

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1236.4	.19822	.08544	.36385	152.25	.11629	13.662
SDev	4.4	.00107	.00045	.00084	.54	.00029	.028
%RSD	.35495	.53841	.52945	.23156	.35331	.25086	.20724
#1	1239.5	.19898	.08576	.36445	152.63	.11650	13.682
#2	1233.3	.19747	.08512	.36325	151.87	.11609	13.642

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	70.669	10.316	.00765	.29553	28.025	10.064
SDev	.00109	.236	.035	.00054	.00175	.086	.030
%RSD	69.057	.33446	.34077	7.0662	.59365	.30863	.29818
#1	-.00081	70.836	10.341	.00727	.29677	28.087	10.085
#2	-.00234	70.502	10.291	.00803	.29429	27.964	10.042

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00110	8.0749	9.0558	4.9797	-.01243	.09929	.24037
SDev	.00008	.0247	.0298	.0157	.00060	.00059	.00085

%RSD	7.4987	.30571	.32932	.31536	4.7935	.59285	.35406
#1	-.00115	8.0924	9.0769	4.9908	-.01286	.09970	.24098
#2	-.00104	8.0575	9.0347	4.9686	-.01201	.09887	.23977

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54015	1.0656	13.105	13.940	.00261	-.00367
SDev	.00182	.0041	.075	.005	.00402	.00038
%RSD	.33673	.38024	.57123	.03614	154.12	10.396
#1	.54144	1.0684	13.158	13.944	.00546	-.00394
#2	.53887	1.0627	13.052	13.937	-.00023	-.00340

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27068	--	--	--	--	--	--
SDev	75.66042	--	--	--	--	--	--
%RSD	.2795250	--	--	--	--	--	--
#1	27014	--	--	--	--	--	--
#2	27121	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-5-a Operator: SRP
Run Time: 01/06/12 10:32:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	145.32	6.1486	6.2531	1.7806	.00862	.06368	1.8248
SDev	.41	.0118	.0309	.0050	.00006	.00037	.0102
%RSD	.28276	.19263	.49415	.28129	.72057	.58571	.55687
#1	145.61	6.1570	6.2749	1.7842	.00866	.06342	1.8320

#2	145.03	6.1403	6.2312	1.7771	.00858	.06394	1.8176

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1479.8	.19800	.11602	1.2410	173.14	.11127	347.39
SDev	9.2	.00073	.00051	.0029	.85	.00023	1.23
%RSD	.62246	.36694	.43538	.23633	.48939	.20267	.35429
#1	1486.3	.19851	.11638	1.2431	173.74	.11143	348.26
#2	1473.3	.19748	.11567	1.2389	172.54	.11111	346.52

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02443	124.88	9.2691	.01517	1.9572	24.391	11.924
SDev	.00302	.55	.0408	.00038	.0140	.046	.042
%RSD	12.352	.43847	.43999	2.4993	.71342	.19001	.35611
#1	.02656	125.27	9.2979	.01490	1.9670	24.424	11.954
#2	.02230	124.50	9.2403	.01543	1.9473	24.359	11.894

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00495	6.4357	7.5119	5.1069	-.01442	2.0744	.43669
SDev	.00056	.0557	.0111	.0144	.00321	.0097	.00195
%RSD	11.277	.86482	.14804	.28234	22.292	.46914	.44674
#1	.00455	6.4751	7.5197	5.1171	-.01670	2.0812	.43807
#2	.00534	6.3964	7.5040	5.0967	-.01215	2.0675	.43531

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59537	.77534	326.41	357.89	.03050	.02139
SDev	.00270	.00285	1.58	1.05	.00672	.00117
%RSD	.45367	.36747	.48519	.29460	22.030	5.4515
#1	.59728	.77736	327.53	358.63	.03525	.02222
#2	.59346	.77333	325.29	357.14	.02575	.02057

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25465	--	--	--	--	--	--
SDev	137.1787	--	--	--	--	--	--
%RSD	.5386952	--	--	--	--	--	--
#1	25368	--	--	--	--	--	--
#2	25562	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-6-a Operator: SRP
Run Time: 01/06/12 10:36:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	136.05	.02487	.13417	.78114	.00868	.08011	.01926
SDev	.34	.00691	.00085	.00232	.00000	.00104	.00024
%RSD	.25235	27.779	.63610	.29693	.02964	1.2956	1.2572

#1	136.29	.02976	.13478	.78278	.00868	.07938	.01943
#2	135.81	.01999	.13357	.77950	.00868	.08085	.01909

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	291.34	.14940	.10878	.17859	319.34	.08026	2.5563
SDev	.06	.00028	.00011	.00068	.19	.00030	.0064
%RSD	.02075	.18666	.10074	.37781	.05891	.37013	.25210
#1	291.38	.14921	.10871	.17907	319.47	.08047	2.5608
#2	291.30	.14960	.10886	.17811	319.20	.08005	2.5517

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01311	20.475	1.6978	.00340	.10369	24.381	8.5267
SDev	.00050	.032	.0012	.00020	.00012	.061	.0142
%RSD	3.8479	.15560	.06900	5.7744	.11970	.25141	.16626

#1	-.01275	20.498	1.6986	.00326	.10378	24.425	8.5368
#2	-.01347	20.453	1.6970	.00354	.10361	24.338	8.5167

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00508	2.2634	2.6717	2.7247	-.02114	.04611	.42612
SDev	.00014	.0206	.0113	.0066	.00087	.00027	.00118
%RSD	2.7680	.91171	.42460	.24257	4.1276	.59267	.27574
#1	-.00518	2.2488	2.6798	2.7294	-.02052	.04630	.42695
#2	-.00498	2.2780	2.6637	2.7201	-.02176	.04591	.42529

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35001	.63558	2.4136	2.6276	-.01074	-.01429
SDev	.00002	.00030	.0008	.0101	.00245	.00047
%RSD	.00423	.04662	.03442	.38369	22.777	3.2672
#1	.35000	.63579	2.4130	2.6347	-.00901	-.01462
#2	.35002	.63537	2.4142	2.6205	-.01248	-.01396

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27187	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.1976684	--	--	--	--	--	--
#1	27149	--	--	--	--	--	--
#2	27225	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-6-b du Operator: SRP
Run Time: 01/06/12 10:40:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	132.11	.00745	.11257	.69881	.00830	.07550	.00507

SDev	.50	.00174	.00292	.00196	.00000	.00005	.00006
%RSD	.37895	23.366	2.5945	.28018	.03401	.06417	1.2512
#1	132.47	.00868	.11463	.70019	.00830	.07553	.00503
#2	131.76	.00622	.11050	.69742	.00830	.07546	.00512

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	203.50	.14264	.07684	.15315	324.30	.07731	.48442
SDev	.20	.00013	.00019	.00018	.37	.00034	.00080
%RSD	.09658	.08737	.24560	.11559	.11471	.44041	.16431
#1	203.64	.14273	.07698	.15327	324.56	.07755	.48499
#2	203.37	.14255	.07671	.15302	324.04	.07707	.48386

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00983	20.003	.79312	.00154	.09495	22.318	8.2493
SDev	.00026	.038	.00125	.00048	.00006	.127	.0155
%RSD	2.6962	.19239	.15784	31.259	.06278	.56751	.18799
#1	-.00964	20.030	.79401	.00120	.09499	22.408	8.2602
#2	-.01002	19.976	.79224	.00188	.09491	22.228	8.2383

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00499	2.4612	2.7789	2.6217	-.01478	.03657	.42771
SDev	.00013	.0307	.0159	.0109	.00104	.00117	.00092
%RSD	2.5885	1.2491	.57151	.41590	7.0503	3.1989	.21471
#1	-.00489	2.4829	2.7902	2.6295	-.01404	.03740	.42836
#2	-.00508	2.4395	2.7677	2.6140	-.01552	.03574	.42706

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31694	.64170	.43372	.50978	-.01393	-.00778
SDev	.00082	.00005	.00266	.00014	.00753	.00337
%RSD	.25793	.00840	.61302	.02658	54.057	43.286
#1	.31751	.64166	.43560	.50968	-.00860	-.01016
#2	.31636	.64174	.43184	.50987	-.01925	-.00540

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27254	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0129723	--	--	--	--	--	--
#1	27252	--	--	--	--	--	--
#2	27257	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-6-c ms Operator: SRP
Run Time: 01/06/12 10:44:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	189.16	.23570	.94169	1.7282	.41238	.54840	.42486
SDev	.05	.00106	.00402	.0002	.00037	.00104	.00043
%RSD	.02520	.45039	.42662	.01162	.09057	.18918	.10110
#1	189.13	.23645	.93885	1.7283	.41264	.54914	.42516
#2	189.20	.23495	.94453	1.7280	.41211	.54767	.42456

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	288.40	.98956	.86505	1.0753	344.25	.59373	2.5085
SDev	.20	.00007	.00049	.0004	.37	.00028	.0014
%RSD	.06852	.00681	.05642	.03490	.10673	.04743	.05534

#1	288.54	.98951	.86539	1.0756	344.51	.59353	2.5095
#2	288.26	.98960	.86470	1.0750	343.99	.59393	2.5075

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76230	32.838	2.0195	.66861	.87194	37.322	9.2724
SDev	.00184	.018	.0018	.00054	.00237	.014	.0005
%RSD	.24132	.05471	.08759	.08048	.27144	.03875	.00533
#1	.76360	32.850	2.0208	.66823	.87361	37.312	9.2720
#2	.76100	32.825	2.0183	.66900	.87026	37.332	9.2727

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43424	12.270	13.167	3.1841	.81933	.72796	.80306
SDev	.00067	.058	.001	.0013	.00099	.00193	.00072
%RSD	.15394	.47274	.00933	.04108	.12131	.26437	.08988
#1	.43471	12.311	13.166	3.1850	.81863	.72660	.80357
#2	.43376	12.229	13.168	3.1832	.82003	.72933	.80255

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1736	1.4764	2.3543	2.5856	.73442	.77624
SDev	.0004	.0007	.0004	.0019	.00116	.00218
%RSD	.03481	.04607	.01842	.07216	.15808	.28070
#1	1.1739	1.4769	2.3546	2.5869	.73524	.77779
#2	1.1733	1.4759	2.3540	2.5843	.73360	.77470

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26878	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.1236500	--	--	--	--	--	--
#1	26854	--	--	--	--	--	--
#2	26901	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 10:47:53

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4397	.48423	.48145	.49739	.46908	.48560	.48458
SDev	.0129	.00289	.00724	.00076	.00253	.00229	.00226
%RSD	.52954	.59720	1.5047	.15339	.54008	.47160	.46617
#1	2.4488	.48627	.48657	.49793	.47087	.48722	.48618
#2	2.4306	.48218	.47632	.49685	.46729	.48398	.48298

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.965	.46584	.46306	.48208	2.4383	.47085	.47609
SDev	.081	.00309	.00291	.00174	.0133	.00082	.00271
%RSD	.67736	.66359	.62773	.36176	.54665	.17397	.56917
#1	12.022	.46802	.46511	.48331	2.4477	.47143	.47800
#2	11.908	.46365	.46100	.48084	2.4289	.47027	.47417

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48716	4.6893	.46701	.48830	.45681	12.060	.91416
SDev	.00188	.0262	.00226	.00080	.00299	.030	.01340
%RSD	.38609	.55846	.48474	.16392	.65497	.24574	1.4661
#1	.48849	4.7078	.46861	.48887	.45893	12.081	.92364
#2	.48583	4.6707	.46541	.48773	.45469	12.039	.90469

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24044	12.324	11.902	.24741	.50170	.47467	.49130
SDev	.00126	.021	.015	.00033	.00142	.00299	.00202
%RSD	.52307	.17359	.13016	.13166	.28371	.63028	.41188
#1	.24133	12.339	11.913	.24764	.50271	.47679	.49273
#2	.23955	12.309	11.891	.24718	.50069	.47256	.48987

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47897	.49431	.45202	.48812	.46712	.49723
SDev	.00265	.00293	.00518	.00147	.00287	.00138
%RSD	.55336	.59341	1.1464	.30189	.61532	.27845
#1	.48085	.49638	.45569	.48916	.46915	.49821
#2	.47710	.49223	.44836	.48708	.46509	.49625

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24554	--	--	--	--	--	--
SDev	78.48885	--	--	--	--	--	--
%RSD	.3196516	--	--	--	--	--	--
#1	24499	--	--	--	--	--	--
#2	24610	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 10:51:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04326	.00151	.00285	.00031	-.00022	.00161	.00024
SDev	.00114	.00087	.00060	.00000	.00006	.00068	.00002

%RSD	2.6385	57.799	21.192	.49944	27.213	42.072	7.8784
#1	.04245	.00212	.00328	.00031	-.00026	.00209	.00026
#2	.04406	.00089	.00242	.00031	-.00018	.00113	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00634	.00037	.00013	-.00104	-.00226	-.00008	.00153
SDev	.00096	.00032	.00020	.00016	.00417	.00008	.00041
%RSD	15.170	85.769	148.67	15.542	184.44	107.58	27.052
#1	.00566	.00060	.00027	-.00093	.00069	-.00013	.00124
#2	.00702	.00015	-.00001	-.00116	-.00521	-.00002	.00182

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	-.00777	.00029	.00051	.00055	-.08427	-.00039
SDev	.00204	.00249	.00005	.00011	.00002	.01242	.00279
%RSD	350.42	32.059	18.159	21.072	3.3544	14.741	710.26
#1	.00086	-.00953	.00026	.00058	.00056	-.09306	.00158
#2	-.00202	-.00601	.00033	.00043	.00053	-.07549	-.00237

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.08562	.00338	.00014	-.00054	-.00005	.00030
SDev	.00037	.09081	.00146	.00001	.00203	.00018	.00005
%RSD	114.86	106.06	43.355	7.8996	373.89	388.67	17.174
#1	-.00006	-.02141	.00234	.00013	.00089	.00008	.00034
#2	-.00058	-.14983	.00441	.00015	-.00198	-.00017	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	-.00010	.00124	.00167	-.00307	.00066
SDev	.00000	.00002	.00061	.00093	.00022	.00317
%RSD	.00744	15.679	49.038	55.341	7.2037	478.27
#1	.00030	-.00008	.00167	.00102	-.00322	.00290
#2	.00030	-.00011	.00081	.00233	-.00291	-.00158

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25186	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.4183316	--	--	--	--	--	--

#1	25260	--	--	--	--	--	--
#2	25111	--	--	--	--	--	--

Analysis Report 01/06/12 11:00:01 AM page 1

Method: 20076010 Sample Name: 600-48312-a-6-d msd Operator: SRP
Run Time: 01/06/12 10:56:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	188.37	.24226	.94970	1.8838	.41639	.55906	.41888
SDev	.28	.00423	.00674	.0008	.00037	.00030	.00001
%RSD	.14926	1.7447	.70990	.04489	.08797	.05304	.00290
#1	188.17	.23927	.94493	1.8844	.41613	.55885	.41889
#2	188.57	.24525	.95447	1.8832	.41665	.55927	.41887

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	257.33	.99755	.89164	1.0780	363.31	.60741	1.2374
SDev	.80	.00207	.00148	.0005	.33	.00050	.0025
%RSD	.30939	.20782	.16611	.04456	.09025	.08168	.19957
#1	256.76	.99609	.89059	1.0783	363.08	.60706	1.2356
#2	257.89	.99902	.89269	1.0776	363.54	.60776	1.2391

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75858	33.385	2.5353	.67152	.88061	37.379	8.9496
SDev	.00115	.050	.0029	.00044	.00045	.002	.0277
%RSD	.15217	.14939	.11459	.06581	.05108	.00483	.30939
#1	.75939	33.350	2.5333	.67121	.88092	37.380	8.9300
#2	.75776	33.421	2.5374	.67183	.88029	37.377	8.9691

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44178	13.023	13.899	3.4865	.83717	.73623	.84999
SDev	.00039	.062	.012	.0005	.00365	.00265	.00042
%RSD	.08824	.47433	.08906	.01466	.43626	.36038	.05002
#1	.44151	13.067	13.890	3.4868	.83459	.73810	.84969
#2	.44206	12.979	13.907	3.4861	.83975	.73435	.85029

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1778	1.5286	1.1357	1.2882	.72573	.77500
SDev	.0011	.0018	.0008	.0033	.00105	.00226
%RSD	.09553	.11697	.06854	.25733	.14485	.29123
#1	1.1770	1.5273	1.1351	1.2858	.72498	.77660
#2	1.1786	1.5298	1.1363	1.2905	.72647	.77341

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26767	--	--	--	--	--	--

SDev	45.25483	--	--	--	--	--	--
%RSD	.1690695	--	--	--	--	--	--

Analysis Report 01/06/12 11:00:01 AM page 2

#1	26735	--	--	--	--	--	--
#2	26799	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-7-a Operator: SRP
Run Time: 01/06/12 11:00:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.598	.00154	.07142	1.3739	.00441	.05926	.00091
SDev	.221	.00120	.00330	.0023	.00003	.00058	.00004
%RSD	.26399	78.398	4.6248	.16795	.56985	.98335	4.1144
#1	83.754	.00239	.06909	1.3755	.00443	.05967	.00089
#2	83.442	.00069	.07376	1.3723	.00440	.05885	.00094

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.311	.09000	.04280	.15131	177.52	.04643	.51267
SDev	.194	.00015	.00032	.00020	.51	.00005	.00103
%RSD	.29278	.16548	.74697	.13049	.28756	.10102	.20175
#1	66.448	.09010	.04303	.15145	177.88	.04646	.51340
#2	66.174	.08989	.04258	.15117	177.16	.04640	.51194

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00460	21.061	.39875	.00092	.05576	31.250	7.5055
SDev	.00121	.067	.00128	.00014	.00007	.051	.0300
%RSD	26.222	.31780	.32036	14.932	.12310	.16429	.39990
#1	-.00375	21.108	.39966	.00102	.05571	31.286	7.5267
#2	-.00545	21.013	.39785	.00082	.05581	31.214	7.4842

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00419	3.1980	3.5999	4.2113	-.00705	.03425	.59381
SDev	.00023	.0410	.0060	.0068	.00129	.00110	.00178
%RSD	5.5433	1.2831	.16763	.16084	18.372	3.2209	.29949
#1	-.00402	3.2270	3.6042	4.2161	-.00796	.03503	.59507
#2	-.00435	3.1690	3.5956	4.2065	-.00613	.03347	.59256

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13169	.64299	.46918	.53441	-.01238	-.00071
SDev	.00066	.00124	.00097	.00106	.00079	.00141
%RSD	.50204	.19234	.20741	.19927	6.4156	198.84
#1	.13216	.64387	.46987	.53516	-.01182	.00029
#2	.13123	.64212	.46850	.53366	-.01294	-.00171

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25898	--	--	--	--	--	--
SDev	81.31728	--	--	--	--	--	--
%RSD	.3139845	--	--	--	--	--	--
#1	25841	--	--	--	--	--	--
#2	25956	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-8-a Operator: SRP
Run Time: 01/06/12 11:03:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	152.46	.07226	.17936	.83475	.01087	.09108	.11358
SDev	.44	.00174	.00301	.00241	.00004	.00061	.00002
%RSD	.28712	2.4108	1.6785	.28865	.39814	.67139	.01951
#1	152.77	.07103	.18149	.83646	.01090	.09151	.11357
#2	152.15	.07350	.17723	.83305	.01084	.09064	.11360

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	657.28	.18674	.08493	.24794	268.04	.12590	17.897
SDev	2.41	.00046	.00079	.00074	.86	.00027	.056
%RSD	.36712	.24819	.92831	.29812	.32270	.21636	.31205
#1	658.99	.18707	.08549	.24846	268.65	.12609	17.936
#2	655.58	.18642	.08437	.24741	267.42	.12571	17.857

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00845	25.001	2.5867	.01292	.18851	35.525	9.5307
SDev	.00145	.090	.0082	.00100	.00120	.079	.0275
%RSD	17.123	.36094	.31625	7.7205	.63886	.22235	.28814
#1	-.00947	25.065	2.5925	.01221	.18937	35.581	9.5502
#2	-.00742	24.937	2.5809	.01362	.18766	35.469	9.5113

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00394	2.0349	2.4078	3.8130	-.00734	.08436	.29793
SDev	.00016	.0500	.0101	.0114	.00296	.00013	.00102
%RSD	4.0262	2.4564	.41775	.29850	40.265	.14973	.34360
#1	-.00383	2.0702	2.4149	3.8210	-.00525	.08427	.29866
#2	-.00406	1.9996	2.4006	3.8049	-.00943	.08445	.29721

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47282	.71010	16.940	18.375	-.00460	-.01037
SDev	.00150	.00166	.074	.047	.00075	.00180
%RSD	.31805	.23324	.43673	.25458	16.209	17.326
#1	.47388	.71127	16.992	18.408	-.00513	-.01164

#2	.47176	.70893	16.888	18.342	-.00408	-.00910

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28465	--	--	--	--	--	--
SDev	104.6518	--	--	--	--	--	--
%RSD	.3676508	--	--	--	--	--	--
#1	28391	--	--	--	--	--	--
#2	28539	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-8-b du Operator: SRP
Run Time: 01/06/12 11:07:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	152.12	.06290	.18124	1.1522	.01066	.08917	.10290
SDev	.10	.00151	.00248	.0014	.00001	.00025	.00010
%RSD	.06892	2.3947	1.3689	.11714	.09072	.27594	.09195
#1	152.19	.06184	.18299	1.1532	.01067	.08934	.10297
#2	152.04	.06397	.17948	1.1513	.01065	.08900	.10283

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	606.21	.18883	.10504	.25252	268.63	.11797	15.009
SDev	.25	.00016	.00020	.00041	.13	.00010	.008
%RSD	.04094	.08619	.18697	.16377	.04947	.08281	.05230
#1	606.39	.18871	.10518	.25281	268.72	.11803	15.015
#2	606.04	.18894	.10490	.25223	268.53	.11790	15.004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00795	24.895	4.4826	.01413	.23891	34.522	9.4519
SDev	.00490	.016	.0030	.00077	.00035	.028	.0081
%RSD	61.646	.06600	.06746	5.4246	.14658	.08109	.08594
#1	-.01142	24.907	4.4847	.01467	.23916	34.541	9.4577
#2	-.00449	24.884	4.4804	.01359	.23866	34.502	9.4462

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00387	1.8036	2.2555	4.0063	-.00681	.07825	.30869
SDev	.00022	.0389	.0062	.0042	.00219	.00015	.00035
%RSD	5.6865	2.1561	.27276	.10360	32.217	.19047	.11340
#1	-.00403	1.7761	2.2599	4.0092	-.00526	.07836	.30894
#2	-.00372	1.8311	2.2512	4.0033	-.00836	.07815	.30844

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49308	.70773	14.174	15.427	-.00584	-.00901

SDev	.00050	.00088	.022	.001	.00257	.00607
%RSD	.10050	.12493	.15546	.00491	44.063	67.349
#1	.49273	.70836	14.189	15.428	-.00766	-.01330
#2	.49343	.70711	14.158	15.427	-.00402	-.00472

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29232	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0604747	--	--	--	--	--	--
#1	29219	--	--	--	--	--	--
#2	29244	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-8-c ms Operator: SRP
Run Time: 01/06/12 11:11:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	193.54	.27741	.94649	1.6653	.38428	.57082	.47480
SDev	.17	.00141	.00227	.0024	.00039	.00117	.00083
%RSD	.08871	.50764	.24005	.14351	.10041	.20468	.17541
#1	193.66	.27841	.94489	1.6670	.38401	.56999	.47421
#2	193.42	.27642	.94810	1.6636	.38455	.57164	.47539

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	479.45	.95431	.80664	1.0673	294.93	.62855	15.548
SDev	.69	.00075	.00087	.0010	.26	.00097	.016
%RSD	.14294	.07837	.10783	.09241	.08697	.15410	.10601
#1	478.97	.95378	.80602	1.0680	294.75	.62924	15.536
#2	479.94	.95483	.80725	1.0666	295.11	.62787	15.560

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73895	34.986	2.8508	.63806	.88216	46.023	9.6991
SDev	.00014	.018	.0021	.00108	.00091	.055	.0023
%RSD	.01889	.05129	.07193	.16959	.10299	.11986	.02393
#1	.73905	34.973	2.8493	.63730	.88152	46.062	9.6974
#2	.73885	34.999	2.8522	.63883	.88281	45.984	9.7007

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41288	11.749	12.891	4.0082	.77554	.74523	.66210
SDev	.00005	.054	.013	.0036	.00230	.00459	.00036
%RSD	.01117	.45557	.10451	.08909	.29595	.61594	.05392
#1	.41285	11.787	12.901	4.0108	.77391	.74199	.66235
#2	.41291	11.711	12.882	4.0057	.77716	.74848	.66184

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.2280	1.5154	14.664	15.990	.71245	.75220	
SDev	.0002	.0012	.024	.013	.00066	.00012	
%RSD	.01393	.07983	.16079	.08089	.09318	.01629	
#1	1.2279	1.5145	14.647	15.981	.71292	.75211	
#2	1.2281	1.5162	14.680	15.999	.71198	.75229	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28351	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1097411	--	--	--	--	--	--
#1	28329	--	--	--	--	--	--
#2	28373	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-8-d msd Operator: SRP
Run Time: 01/06/12 11:15:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	194.82	.26723	.95150	1.6647	.38562	.57571	.46097
SDev	.10	.00085	.00174	.0023	.00043	.00023	.00049
%RSD	.05297	.31914	.18299	.13521	.11215	.03944	.10614
#1	194.89	.26784	.95027	1.6663	.38593	.57588	.46132
#2	194.74	.26663	.95273	1.6631	.38532	.57555	.46062

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	465.13	.95765	.80476	1.0653	300.76	.62549	15.402
SDev	.25	.00023	.00068	.0019	.30	.00031	.007
%RSD	.05474	.02450	.08390	.17799	.10097	.04916	.04862
#1	465.31	.95781	.80523	1.0666	300.97	.62570	15.397
#2	464.95	.95748	.80428	1.0639	300.54	.62527	15.408

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73529	34.831	2.6931	.64176	.87241	45.920	8.9285
SDev	.00005	.020	.0017	.00073	.00304	.003	.0036
%RSD	.00674	.05773	.06270	.11413	.34875	.00570	.04024
#1	.73526	34.845	2.6942	.64124	.87456	45.922	8.9311
#2	.73533	34.817	2.6919	.64228	.87026	45.918	8.9260

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41288	11.783	12.944	4.0402	.79080	.74624	.69302
SDev	.00060	.016	.009	.0047	.00310	.00014	.00112

%RSD	.14538	.13499	.07031	.11637	.39233	.01853	.16123
#1	.41330	11.794	12.951	4.0435	.78860	.74634	.69381
#2	.41245	11.772	12.938	4.0368	.79299	.74615	.69223

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2265	1.5407	14.511	15.848	.70869	.74860
SDev	.0005	.0007	.003	.013	.00313	.00149
%RSD	.04253	.04600	.01784	.07906	.44097	.19880
#1	1.2269	1.5412	14.513	15.839	.70648	.74965
#2	1.2261	1.5402	14.509	15.857	.71090	.74754

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28514	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0371985	--	--	--	--	--	--
#1	28506	--	--	--	--	--	--
#2	28521	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-9-a Operator: SRP
Run Time: 01/06/12 11:19:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	148.48	.00335	.12878	.89858	.01132	.12120	.00426
SDev	.07	.00028	.00168	.00057	.00003	.00093	.00002
%RSD	.04644	8.2520	1.3060	.06337	.22303	.76870	.51837
#1	148.53	.00355	.12997	.89817	.01130	.12186	.00427
#2	148.43	.00315	.12760	.89898	.01133	.12054	.00424

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	424.77	.16415	.06678	.14315	292.25	.12769	.18649
SDev	.50	.00006	.00048	.00031	.42	.00004	.00227
%RSD	.11705	.03487	.72204	.21722	.14418	.02920	1.2148
#1	424.42	.16419	.06712	.14337	291.95	.12766	.18810
#2	425.12	.16411	.06644	.14293	292.55	.12771	.18489

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01258	24.515	.85241	.00757	.12295	28.431	8.2149
SDev	.00036	.020	.00092	.00021	.00047	.002	.0041
%RSD	2.8797	.08109	.10833	2.8286	.37991	.00825	.05041
#1	-.01233	24.501	.85176	.00772	.12328	28.430	8.2120
#2	-.01284	24.529	.85306	.00742	.12262	28.433	8.2179

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00462	11.590	12.360	5.1965	-.00744	.03569	.51685
SDev	.00013	.109	.012	.0050	.00156	.00042	.00045
%RSD	2.8648	.93937	.09770	.09559	20.962	1.1792	.08673

#1	-.00453	11.667	12.369	5.1930	-.00634	.03599	.51653
#2	-.00471	11.513	12.352	5.2000	-.00854	.03539	.51716

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37069	.59208	.14217	.20866	-.00675	-.01550
SDev	.00013	.00069	.00159	.00260	.00046	.00031
%RSD	.03366	.11718	1.1203	1.2470	6.8626	2.0127
#1	.37060	.59158	.14330	.21050	-.00642	-.01528
#2	.37078	.59257	.14104	.20682	-.00708	-.01572

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27911	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.1165380	--	--	--	--	--	--
#1	27934	--	--	--	--	--	--
#2	27888	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-10-a Operator: SRP
Run Time: 01/06/12 11:23:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	147.43	.00493	.14704	.86945	.00982	.10505	.01574
SDev	.07	.00023	.00004	.00028	.00001	.00052	.00014
%RSD	.04688	4.6930	.02701	.03193	.06539	.49817	.88563
#1	147.38	.00477	.14707	.86925	.00982	.10542	.01564
#2	147.48	.00509	.14702	.86964	.00981	.10468	.01584

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1037.6	.21784	.07327	.22097	225.95	.12654	1.1769
SDev	.2	.00016	.00001	.00045	.01	.00005	.0003
%RSD	.02386	.07280	.01947	.20373	.00223	.04037	.02621
#1	1037.7	.21795	.07326	.22128	225.94	.12650	1.1767
#2	1037.4	.21773	.07328	.22065	225.95	.12657	1.1772

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01219	25.788	4.2277	.02231	.23287	31.379	11.777
SDev	.00108	.001	.0004	.00009	.00057	.038	.003
%RSD	8.8789	.00349	.01034	.40199	.24489	.12065	.02661

#1	-.01142	25.788	4.2280	.02224	.23247	31.352	11.775
#2	-.01295	25.787	4.2274	.02237	.23327	31.405	11.779

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00341	3.4287	3.9710	6.2260	-.00197	.03281	.29392
SDev	.00027	.0956	.0030	.0015	.00767	.00042	.00057

%RSD	7.8667	2.7872	.07469	.02404	389.77	1.2804	.19564
#1	-.00322	3.4963	3.9689	6.2250	.00345	.03251	.29432
#2	-.00360	3.3612	3.9731	6.2271	-.00739	.03310	.29351

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58306	.70044	1.0776	1.2266	-.00625	-.01515
SDev	.00006	.00023	.0010	.0010	.00266	.00029
%RSD	.01112	.03350	.09426	.07912	42.496	1.9429
#1	.58301	.70027	1.0783	1.2259	-.00437	-.01494
#2	.58310	.70060	1.0769	1.2273	-.00813	-.01536

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28926	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0268894	--	--	--	--	--	--
#1	28921	--	--	--	--	--	--
#2	28932	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-11-a Operator: SRP
Run Time: 01/06/12 11:27:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	169.57	.00035	.16029	.88620	.01085	.10235	.00953
SDev	.47	.00042	.00307	.00177	.00005	.00054	.00011
%RSD	.27782	117.94	1.9165	.19914	.45628	.52727	1.1654
#1	169.90	.00006	.15812	.88745	.01089	.10273	.00946
#2	169.23	.00065	.16246	.88495	.01082	.10197	.00961

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1082.7	.24381	.06644	.21545	233.85	.15520	.22490
SDev	4.2	.00118	.00015	.00077	.67	.00043	.00047
%RSD	.39186	.48354	.23400	.35577	.28572	.27431	.20985
#1	1085.7	.24464	.06655	.21599	234.32	.15550	.22456
#2	1079.7	.24297	.06633	.21490	233.38	.15490	.22523

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01650	26.652	2.7828	.03363	.23657	28.560	12.891
SDev	.00027	.091	.0089	.00016	.00020	.074	.027
%RSD	1.6472	.34250	.31885	.48531	.08379	.26028	.21187
#1	-.01631	26.716	2.7891	.03351	.23643	28.613	12.910
#2	-.01670	26.587	2.7766	.03374	.23671	28.507	12.871

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00359	3.7898	4.5294	6.5386	.00008	.02766	.32893
SDev	.00018	.1010	.0053	.0142	.00027	.00001	.00093
%RSD	5.0329	2.6648	.11632	.21766	337.50	.02100	.28377
#1	-.00372	3.8612	4.5331	6.5487	-.00011	.02766	.32959
#2	-.00346	3.7184	4.5257	6.5285	.00027	.02766	.32827

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64266	.66677	.17248	.25111	-.00602	-.02175
SDev	.00221	.00200	.00073	.00108	.00012	.00035
%RSD	.34464	.29972	.42577	.42815	2.0265	1.5947
#1	.64423	.66818	.17300	.25035	-.00593	-.02150
#2	.64110	.66536	.17196	.25187	-.00611	-.02199

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29186	--	--	--	--	--	--
SDev	84.14571	--	--	--	--	--	--
%RSD	.2883134	--	--	--	--	--	--
#1	29126	--	--	--	--	--	--
#2	29245	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-12-a Operator: SRP
Run Time: 01/06/12 11:30:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.128	.00446	.23585	.54148	.00407	.08866	.01479
SDev	.067	.00020	.00088	.00109	.00003	.00013	.00006
%RSD	.10350	4.5222	.37426	.20207	.66682	.14901	.43089
#1	65.080	.00431	.23648	.54071	.00405	.08875	.01475
#2	65.175	.00460	.23523	.54226	.00409	.08856	.01484

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1853.3	.29056	.04840	.32534	133.40	.07655	.35691
SDev	5.2	.00127	.00016	.00039	.42	.00001	.00181
%RSD	.28080	.43858	.33419	.11872	.31469	.01466	.50616

#1	1849.7	.28966	.04851	.32507	133.10	.07656	.35563
#2	1857.0	.29146	.04829	.32562	133.69	.07654	.35819

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	22.285	4.0976	.05801	.32886	22.457	12.250
SDev	.00194	.073	.0131	.00031	.00214	.023	.043
%RSD	354.51	.32868	.32058	.53450	.65200	.10088	.34903
#1	-.00192	22.233	4.0883	.05823	.32735	22.473	12.220
#2	.00083	22.336	4.1069	.05779	.33038	22.441	12.280

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00276	8.6287	10.238	16.949	.00727	.02966	.47648
SDev	.00073	.0833	.002	.037	.00340	.00063	.00111
%RSD	26.256	.96486	.02438	.21580	46.777	2.1276	.23319
#1	-.00225	8.6876	10.236	16.924	.00968	.03011	.47569
#2	-.00328	8.5698	10.240	16.975	.00487	.02922	.47726

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72013	.79014	.31867	.37603	.01213	-.00689
SDev	.00147	.00199	.00429	.00056	.00451	.00517
%RSD	.20433	.25231	1.3460	.15031	37.155	75.041
#1	.71909	.78873	.31564	.37563	.01532	-.01055
#2	.72118	.79155	.32170	.37643	.00895	-.00323

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25358	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0167310	--	--	--	--	--	--
#1	25355	--	--	--	--	--	--
#2	25361	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 11:34:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3642	.47931	.47431	.48723	.45388	.47909	.48151
SDev	.0230	.00556	.00254	.00521	.00362	.00424	.00317
%RSD	.97320	1.1608	.53634	1.0691	.79747	.88417	.65865
#1	2.3479	.47538	.47251	.48355	.45132	.47610	.47927
#2	2.3805	.48325	.47610	.49092	.45644	.48209	.48375

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.924	.45350	.44911	.46276	2.4166	.46171	.46651
SDev	.001	.00281	.00397	.00440	.0211	.00411	.00160
%RSD	.00500	.61863	.88316	.95135	.87443	.89007	.34299
#1	11.924	.45152	.44631	.45965	2.4017	.45880	.46537
#2	11.925	.45549	.45192	.46588	2.4316	.46462	.46764

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47047	4.5582	.45628	.47905	.44827	11.794	.90152
SDev	.00513	.0320	.00378	.00364	.00304	.121	.00459
%RSD	1.0910	.70216	.82808	.75954	.67792	1.0245	.50921

#1	.46684	4.5356	.45361	.47648	.44612	11.709	.90476
#2	.47410	4.5809	.45895	.48163	.45042	11.880	.89827

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23451	12.161	11.663	.24279	.49543	.46141	.48002
SDev	.00188	.183	.105	.00265	.00470	.00479	.00472
%RSD	.80199	1.5022	.90394	1.0913	.94855	1.0374	.98366

#1	.23318	12.032	11.589	.24092	.49211	.45802	.47668
#2	.23584	12.290	11.738	.24466	.49875	.46479	.48336

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46637	.48721	.43644	.48154	.44108	.48522
SDev	.00421	.00404	.00068	.00274	.00539	.00500
%RSD	.90373	.82907	.15492	.56863	1.2228	1.0311

#1	.46339	.48435	.43691	.47960	.43726	.48168
#2	.46935	.49006	.43596	.48348	.44489	.48876

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25273	--	--	--	--	--	--
SDev	214.9605	--	--	--	--	--	--
%RSD	.8505538	--	--	--	--	--	--

#1	25425	--	--	--	--	--	--
#2	25121	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 11:38:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05413	-.00119	.00297	.00028	-.00044	.00178	.00021
SDev	.00170	.00039	.00009	.00007	.00001	.00120	.00008

%RSD	3.1345	32.924	2.9895	24.796	3.4084	67.423	38.006
#1	.05533	-.00146	.00304	.00032	-.00043	.00263	.00027
#2	.05293	-.00091	.00291	.00023	-.00045	.00093	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00517	.00020	-.00020	-.00165	-.00879	-.00016	.00063
SDev	.00077	.00007	.00019	.00017	.01185	.00005	.00077
%RSD	14.863	36.038	95.944	10.156	134.84	33.706	121.53
#1	.00571	.00024	-.00006	-.00153	-.00041	-.00012	.00117
#2	.00463	.00015	-.00033	-.00177	-.01716	-.00020	.00009

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00272	-.01121	.00024	-.00025	.00004	-.10214	.00000
SDev	.00175	.00385	.00003	.00019	.00021	.02999	.00279
%RSD	64.287	34.315	11.384	76.496	573.25	29.362	72197.
#1	.00395	-.00849	.00026	-.00039	-.00011	-.08093	.00198
#2	.00148	-.01393	.00022	-.00012	.00018	-.12334	-.00197

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.00909	.00109	.00015	-.00227	.00145	.00031
SDev	.00034	.02132	.00134	.00002	.00076	.00015	.00005
%RSD	152.74	234.47	122.53	10.980	33.665	10.538	15.356
#1	.00002	-.02417	.00203	.00016	-.00281	.00134	.00034
#2	-.00046	.00598	.00015	.00014	-.00173	.00155	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00006	.00142	.00023	.00161	.00327
SDev	.00034	.00003	.00070	.00150	.00298	.00411
%RSD	114.01	44.675	49.386	641.45	185.82	125.63
#1	.00054	.00008	.00093	.00130	-.00050	.00618
#2	.00006	.00004	.00192	-.00083	.00372	.00037

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25146	--	--	--	--	--	--
SDev	108.1873	--	--	--	--	--	--
%RSD	.4302453	--	--	--	--	--	--
#1	25069	--	--	--	--	--	--
#2	25222	--	--	--	--	--	--

Analysis Report 01/06/12 11:47:42 AM page 1

Method: 20076010 Sample Name: 600-48312-a-13-a Operator: SRP
Run Time: 01/06/12 11:43:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.467	.00098	.14652	.54925	.00445	.08815	.01041
SDev	.185	.00140	.00395	.00135	.00001	.00045	.00026
%RSD	.28187	143.73	2.6930	.24579	.25441	.51069	2.5177
#1	65.598	-.00002	.14931	.55020	.00445	.08847	.01059
#2	65.337	.00197	.14373	.54829	.00446	.08783	.01022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1868.1	.23434	.03796	.28230	123.07	.08308	.08238
SDev	6.5	.00041	.00059	.00113	.44	.00020	.00071
%RSD	.34548	.17465	1.5452	.39955	.35641	.24130	.85949
#1	1872.6	.23463	.03838	.28310	123.38	.08322	.08288
#2	1863.5	.23405	.03755	.28151	122.76	.08293	.08188

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01163	18.831	4.7098	.02097	.23271	23.931	9.9778
SDev	.00163	.054	.0141	.00015	.00036	.024	.0083
%RSD	14.055	.28645	.29988	.69582	.15632	.10169	.08274
#1	-.01278	18.869	4.7198	.02087	.23297	23.948	9.9836
#2	-.01047	18.793	4.6998	.02108	.23245	23.914	9.9719

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00315	5.9697	7.0081	17.995	.00885	.02803	.32990
SDev	.00043	.2088	.0150	.056	.00014	.00058	.00069
%RSD	13.785	3.4974	.21409	.31156	1.6234	2.0800	.20959
#1	-.00284	6.1173	7.0188	18.035	.00875	.02844	.33039
#2	-.00346	5.8221	6.9975	17.955	.00895	.02762	.32942

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42989	.62752	.05951	.09381	-.00088	-.01700
SDev	.00154	.00081	.00003	.00108	.00146	.00172
%RSD	.35868	.12826	.04692	1.1470	165.52	10.133
#1	.43098	.62809	.05949	.09457	-.00191	-.01822
#2	.42880	.62695	.05953	.09305	.00015	-.01578

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25394	--	--	--	--	--	--
SDev	86.26703	--	--	--	--	--	--
%RSD	.3397142	--	--	--	--	--	--

#1	25333	--	--	--	--	--	--
#2	25455	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-14-a Operator: SRP
Run Time: 01/06/12 11:47:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.889	.01237	.23501	.82625	.00457	.09324	.01805
SDev	.087	.00173	.00087	.00027	.00002	.00028	.00019
%RSD	.10636	13.968	.37156	.03309	.32764	.30003	1.0507
#1	81.828	.01359	.23563	.82605	.00456	.09305	.01818
#2	81.951	.01115	.23439	.82644	.00458	.09344	.01791

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1770.9	.17800	.07074	.25376	202.74	.06912	1.5620
SDev	1.5	.00032	.00049	.00002	.29	.00004	.0046
%RSD	.08737	.17987	.68617	.00715	.14164	.05403	.29285

#1	1769.8	.17778	.07108	.25374	202.53	.06909	1.5587
#2	1772.0	.17823	.07040	.25377	202.94	.06915	1.5652

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01552	20.683	8.2499	.03150	.32930	21.723	16.190
SDev	.00089	.034	.0088	.00082	.00027	.002	.059
%RSD	5.7068	.16379	.10656	2.6092	.08334	.01135	.36183

#1	-.01490	20.659	8.2437	.03209	.32949	21.721	16.148
#2	-.01615	20.707	8.2561	.03092	.32910	21.725	16.231

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00272	5.1607	6.1602	12.312	.00208	.03496	.54062
SDev	.00045	.1634	.0010	.014	.00071	.00152	.00053
%RSD	16.594	3.1660	.01652	.11044	34.022	4.3568	.09848

#1	-.00240	5.2762	6.1595	12.302	.00158	.03603	.54025
#2	-.00304	5.0451	6.1609	12.321	.00258	.03388	.54100

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59239	.60227	1.4437	1.6211	-.00724	-.01967
SDev	.00006	.00055	.0007	.0072	.00005	.00135
%RSD	.00960	.09100	.04989	.44547	.62542	6.8719

#1	.59235	.60189	1.4442	1.6160	-.00727	-.01871
#2	.59243	.60266	1.4432	1.6262	-.00720	-.02062

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/06/12 11:51:32 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24868	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.1336444	--	--	--	--	--	--

#1	24844	--	--	--	--	--	--
#2	24891	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-15-a Operator: SRP
Run Time: 01/06/12 11:51:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.859	-.00048	.06834	.72461	.00397	.05731	.00699
SDev	.072	.00010	.00285	.00003	.00002	.00036	.00016
%RSD	.07207	21.918	4.1699	.00432	.57218	.62454	2.3178

#1	99.910	-.00055	.07036	.72459	.00399	.05705	.00688
#2	99.808	-.00040	.06633	.72463	.00395	.05756	.00711

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1778.3	.10632	.04598	.11063	108.03	.10369	.07244

SDev	2.0	.00016	.00011	.00003	.05	.00013	.00073
%RSD	.11421	.14972	.24423	.02759	.04191	.12584	1.0046
#1	1776.9	.10620	.04606	.11061	108.00	.10379	.07193
#2	1779.8	.10643	.04590	.11065	108.06	.10360	.07296

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01279	23.761	5.3703	.00087	.16973	19.540	19.327
SDev	.00083	.007	.0023	.00048	.00099	.026	.020
%RSD	6.5097	.02888	.04323	55.502	.58289	.13382	.10313
#1	-.01220	23.756	5.3687	.00053	.16903	19.559	19.341
#2	-.01338	23.765	5.3720	.00122	.17043	19.522	19.313

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00269	4.6640	5.4846	10.253	.00036	.02490	.20519
SDev	.00035	.0118	.0099	.004	.00001	.00007	.00009
%RSD	13.157	.25283	.18031	.04363	2.9932	.27423	.04510
#1	-.00244	4.6557	5.4916	10.250	.00037	.02485	.20526
#2	-.00294	4.6724	5.4776	10.256	.00036	.02495	.20513

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24460	.48890	.04326	.08704	-.00438	-.01700
SDev	.00013	.00107	.00044	.00087	.00452	.00101
%RSD	.05333	.21918	1.0224	1.0002	103.35	5.9579
#1	.24451	.48965	.04294	.08642	-.00118	-.01771

#2	.24469	.48814	.04357	.08765	-.00757	-.01628	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24410	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1940890	--	--	--	--	--	--
#1	24443	--	--	--	--	--	--
#2	24376	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-16-a Operator: SRP
Run Time: 01/06/12 11:55:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	194.21	.00132	.17843	1.3753	.01306	.05796	.01487
SDev	.24	.00102	.00368	.0002	.00001	.00037	.00013
%RSD	.12161	77.025	2.0636	.01276	.10690	.64104	.86763
#1	194.38	.00204	.18103	1.3754	.01307	.05769	.01496
#2	194.05	.00060	.17582	1.3752	.01305	.05822	.01478

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1033.0	.21463	.07361	.25758	240.32	.15677	.66527
SDev	2.9	.00066	.00006	.00153	.39	.00012	.00044
%RSD	.28357	.30907	.08130	.59196	.16170	.07395	.06599
#1	1035.0	.21510	.07365	.25865	240.59	.15685	.66496
#2	1030.9	.21416	.07357	.25650	240.04	.15669	.66558

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01872	29.023	4.0171	.00717	.27198	30.758	13.017
SDev	.00061	.048	.0059	.00051	.00095	.033	.016
%RSD	3.2807	.16710	.14705	7.0754	.35091	.10801	.12219
#1	-.01916	29.057	4.0212	.00753	.27266	30.781	13.028
#2	-.01829	28.988	4.0129	.00681	.27131	30.734	13.006

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00323	2.7199	3.2189	4.0235	-.00203	.03218	.30164
SDev	.00009	.0940	.0037	.0001	.00161	.00192	.00052
%RSD	2.7989	3.4577	.11518	.00208	79.408	5.9616	.17072
#1	-.00317	2.7864	3.2215	4.0234	-.00089	.03354	.30201
#2	-.00329	2.6534	3.2162	4.0235	-.00317	.03083	.30128

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75417	.73240	.58061	.70760	-.00979	-.02319

SDev	.00070	.00188	.00172	.00152	.00269	.00227	
%RSD	.09299	.25717	.29570	.21439	27.467	9.7693	
#1	.75467	.73374	.58182	.70653	-.00789	-.02479	
#2	.75367	.73107	.57940	.70868	-.01169	-.02159	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28438	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.2710222	--	--	--	--	--	--
#1	28384	--	--	--	--	--	--
#2	28493	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-17-a Operator: SRP
Run Time: 01/06/12 11:59:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	206.04	.02429	.17133	1.8370	.01240	.05912	.08986
SDev	.04	.00155	.00276	.0003	.00002	.00017	.00000
%RSD	.02125	6.3788	1.6102	.01635	.15970	.28379	.00025
#1	206.08	.02538	.17328	1.8372	.01238	.05924	.08986
#2	206.01	.02319	.16938	1.8368	.01241	.05900	.08986

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	956.54	.23220	.09072	.26826	206.62	.15490	7.2291
SDev	.68	.00023	.00017	.00024	.17	.00002	.0145
%RSD	.07123	.10074	.18299	.09049	.08280	.01162	.20012
#1	956.06	.23203	.09083	.26843	206.50	.15489	7.2188
#2	957.03	.23236	.09060	.26809	206.74	.15492	7.2393

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01417	31.129	6.1543	.00735	.29139	28.450	12.720
SDev	.00227	.016	.0039	.00094	.00059	.021	.007
%RSD	15.998	.05239	.06316	12.846	.20126	.07347	.05606
#1	-.01257	31.118	6.1516	.00801	.29097	28.465	12.715
#2	-.01577	31.141	6.1571	.00668	.29180	28.436	12.725

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00291	2.9217	3.3845	3.8495	-.00273	.04521	.29362
SDev	.00017	.0550	.0026	.0002	.00099	.00014	.00013
%RSD	5.9523	1.8836	.07694	.00636	36.392	.30206	.04528
#1	-.00303	2.9606	3.3864	3.8493	-.00344	.04530	.29352
#2	-.00278	2.8828	3.3827	3.8497	-.00203	.04511	.29371

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70716	.72855	6.6935	7.4968	-.01130	-.01561
SDev	.00040	.00081	.0073	.0180	.00363	.00159
%RSD	.05628	.11089	.10958	.24054	32.127	10.161
#1	.70688	.72798	6.6883	7.4841	-.00873	-.01449
#2	.70744	.72912	6.6987	7.5096	-.01386	-.01673

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28603	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0049443	--	--	--	--	--	--
#1	28604	--	--	--	--	--	--
#2	28602	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-18-a Operator: SRP
Run Time: 01/06/12 12:03:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	185.16	5.3077	4.0380	9.7885	.01138	.28189	1.1710
SDev	.64	.0314	.0103	.0432	.00005	.00161	.0003
%RSD	.34317	.59079	.25422	.44133	.47699	.57062	.02818

#1	184.71	5.2855	4.0308	9.7580	.01135	.28075	1.1708
#2	185.61	5.3299	4.0453	9.8191	.01142	.28303	1.1713

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	981.90	.34944	.10165	4.9949	553.79	.15235	k212.40
SDev	2.01	.00069	.00065	.0210	.54	.00081	.85
%RSD	.20497	.19696	.63613	.42043	.09738	.53117	.39971

#1	983.32	.34896	.10211	4.9800	553.41	.15177	k213.00
#2	980.47	.34993	.10119	5.0097	554.17	.15292	k211.80

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08240	26.866	8.4312	.07300	.47141	29.364	13.309
SDev	.00187	.029	.0105	.00056	.00052	.153	.040
%RSD	2.2753	.10626	.12404	.76720	.10987	.52001	.30113

#1	.08373	26.846	8.4238	.07340	.47105	29.256	13.281
#2	.08108	26.886	8.4386	.07261	.47178	29.472	13.337

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00910	16.518	18.329	5.1440	.00327	3.7712	.46556
SDev	.00027	.143	.095	.0211	.00758	.0011	.00142

%RSD	2.9359	.86729	.51604	.40939	231.79	.03007	.30507

#1	.00929	16.619	18.262	5.1291	.00864	3.7721	.46456
#2	.00891	16.416	18.395	5.1589	-.00209	3.7704	.46657

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72973	3.6750	513.26	S61.965	.09256	.07732
SDev	.00146	.0052	2.32	.113	.00575	.00006
%RSD	.20072	.14142	.45232	.18187	6.2121	.08103

#1	.72870	3.6713	514.90	S62.045	.09663	.07728
#2	.73077	3.6786	511.62	S61.885	.08850	.07737

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28415	--	--	--	--	--	--
SDev	56.56854	--	--	--	--	--	--
%RSD	.1990799	--	--	--	--	--	--

#1	28375	--	--	--	--	--	--
#2	28455	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-19-a Operator: SRP
Run Time: 01/06/12 12:06:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	174.70	.02108	.16047	1.1564	.01073	.07396	.01570
SDev	.17	.00480	.00059	.0006	.00005	.00004	.00010

%RSD	.09872	22.773	.36752	.04782	.48563	.04916	.64128
#1	174.83	.02448	.16005	1.1568	.01077	.07398	.01577
#2	174.58	.01769	.16088	1.1560	.01069	.07393	.01563

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1195.6	.19196	.09722	.33307	216.84	.13013	1.3160
SDev	2.4	.00026	.00011	.00049	.62	.00008	.0146
%RSD	.20089	.13818	.11728	.14755	.28482	.06162	1.1130
#1	1197.3	.19215	.09730	.33341	217.28	.13007	1.3263
#2	1193.9	.19178	.09714	.33272	216.40	.13018	1.3056

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01535	26.953	6.7550	.00652	.25640	20.815	12.106
SDev	.00097	.066	.0183	.00001	.00081	.005	.022
%RSD	6.3385	.24406	.27080	.09121	.31396	.02239	.17880
#1	-.01466	27.000	6.7679	.00653	.25697	20.812	12.121
#2	-.01604	26.907	6.7421	.00652	.25583	20.818	12.090

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00345	10.283	11.850	5.2413	.00126	.08108	.29540
SDev	.00015	.065	.010	.0039	.00037	.00015	.00015
%RSD	4.2485	.63067	.08814	.07443	29.298	.18338	.05061
#1	-.00335	10.329	11.843	5.2440	.00100	.08097	.29551
#2	-.00355	10.237	11.858	5.2385	.00152	.08118	.29530

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64218	.54769	1.1747	1.3866	-.00632	-.01986
SDev	.00141	.00209	.0135	.0152	.00089	.00191
%RSD	.21967	.38168	1.1531	1.0959	14.136	9.5975
#1	.64318	.54917	1.1843	1.3974	-.00695	-.01851
#2	.64118	.54621	1.1651	1.3759	-.00569	-.02121

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30766	--	--	--	--	--	--
SDev	74.95332	--	--	--	--	--	--
%RSD	.2436239	--	--	--	--	--	--
#1	30819	--	--	--	--	--	--
#2	30713	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-20-a Operator: SRP
Run Time: 01/06/12 12:10:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	145.43	.10605	.42016	2.1575	.00918	.08095	.21739
SDev	.17	.00038	.00229	.0026	.00002	.00018	.00053
%RSD	.11984	.35616	.54602	.11955	.25554	.21927	.24177
#1	145.56	.10579	.41854	2.1593	.00916	.08107	.21776
#2	145.31	.10632	.42179	2.1557	.00920	.08082	.21702

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1273.2	.21903	.08358	2.9223	295.68	.12833	23.733
SDev	1.7	.00013	.00055	.0072	.27	.00011	.046
%RSD	.12972	.05801	.65557	.24731	.09022	.08510	.19308
#1	1274.4	.21912	.08397	2.9274	295.86	.12841	23.766
#2	1272.1	.21894	.08319	2.9172	295.49	.12825	23.701

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02810	33.549	5.3327	.01365	.48164	26.800	11.861
SDev	.00384	.039	.0071	.00030	.00001	.034	.010
%RSD	13.672	.11633	.13281	2.1896	.00257	.12562	.08132

#1	.02539	33.576	5.3377	.01386	.48163	26.824	11.868
#2	.03082	33.521	5.3277	.01344	.48165	26.776	11.855

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00335	12.692	14.571	7.8724	.00153	.87868	.27888
SDev	.00003	.048	.024	.0085	.00053	.00176	.00009
%RSD	.92593	.38042	.16616	.10855	34.709	.20021	.03352
#1	-.00337	12.726	14.588	7.8785	.00116	.87744	.27894
#2	-.00333	12.658	14.554	7.8664	.00191	.87992	.27881

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52322	.88977	21.877	24.661	.04010	.02210
SDev	.00053	.00136	.100	.019	.00214	.00469
%RSD	.10074	.15334	.45794	.07560	5.3318	21.238
#1	.52359	.89073	21.948	24.674	.03859	.01878
#2	.52285	.88880	21.806	24.648	.04161	.02542

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27328	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1448989	--	--	--	--	--	--
#1	27300	--	--	--	--	--	--
#2	27356	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-69471/1-a Operator: SRP
Run Time: 01/06/12 12:14:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06641	.00150	.00122	.00204	-.00080	-.00006	-.00010
SDev	.00050	.00065	.00162	.00003	.00001	.00056	.00006
%RSD	.75384	43.562	132.63	1.5942	1.4915	990.10	64.884
#1	.06676	.00104	.00008	.00202	-.00081	-.00045	-.00014
#2	.06606	.00197	.00237	.00206	-.00079	.00034	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08865	.00041	-.00045	-.00185	.01952	-.00056	.00278
SDev	.03363	.00043	.00004	.00005	.00135	.00001	.00041
%RSD	37.932	103.66	7.9423	2.8693	6.9071	2.5645	14.654
#1	.11242	.00011	-.00043	-.00189	.02047	-.00057	.00306
#2	.06487	.00072	-.00048	-.00181	.01857	-.00055	.00249

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	-.03225	.00069	-.00021	.00455	-.20597	.01345
SDev	.00122	.00026	.00010	.00052	.00605	.01194	.00431
%RSD	71.380	.81078	15.075	241.27	132.86	5.7979	32.016
#1	.00085	-.03243	.00076	-.00058	.00883	-.21442	.01650
#2	.00257	-.03206	.00061	.00015	.00028	-.19753	.01041

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.10638	.01605	.00026	-.00627	.02728	.00019
SDev	.00003	.01263	.00030	.00012	.00011	.00098	.00015
%RSD	18.207	11.870	1.8464	44.487	1.8117	3.6121	74.658
#1	-.00018	.11531	.01584	.00034	-.00619	.02658	.00009
#2	-.00014	.09746	.01626	.00018	-.00635	.02798	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00484	.00588	.00122	.00028	.00242
SDev	.00042	.00013	.00297	.00087	.00022	.00194
%RSD	14703.	2.6139	50.446	71.415	78.350	80.099
#1	-.00030	.00493	.00798	.00061	.00044	.00105
#2	.00030	.00475	.00378	.00184	.00013	.00380

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25502	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1691344	--	--	--	--	--	--
#1	25472	--	--	--	--	--	--
#2	25533	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69471/2-a Operator: SRP
Run Time: 01/06/12 12:18:33

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.569	.65670	1.2432	2.5248	1.2371	.74896	.58701
SDev	.274	.00129	.0026	.0096	.0021	.00192	.00157
%RSD	.35334	.19615	.20583	.37921	.17019	.25652	.26775
#1	77.762	.65579	1.2450	2.5316	1.2386	.75032	.58812
#2	77.375	.65761	1.2414	2.5181	1.2356	.74760	.58589

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.618	.83871	1.1234	.92647	160.37	.08434	1.2515
SDev	.146	.00067	.0023	.00310	.22	.00033	.0021
%RSD	.18570	.07974	.20561	.33479	.13706	.39351	.16396

#1	78.721	.83918	1.1250	.92867	160.52	.08457	1.2529
#2	78.515	.83824	1.1217	.92428	160.21	.08410	1.2500

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6638	34.615	4.2041	.75610	1.2584	47.010	12.753
SDev	.0122	.085	.0104	.00119	.0119	.142	.036
%RSD	.73068	.24670	.24626	.15745	.94723	.30233	.28158
#1	1.6723	34.676	4.2114	.75694	1.2668	47.111	12.778
#2	1.6552	34.555	4.1968	.75526	1.2499	46.910	12.727

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39521	3.1677	6.5286	2.2438	1.5198	1.3618	3.8320
SDev	.00096	.0253	.0207	.0066	.0118	.0053	.0091
%RSD	.24378	.79863	.31632	.29444	.77797	.38908	.23763
#1	.39589	3.1856	6.5432	2.2485	1.5282	1.3655	3.8385
#2	.39453	3.1498	6.5140	2.2391	1.5115	1.3580	3.8256

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56831	1.9755	1.1429	1.3057	1.5605	1.7154
SDev	.00060	.0032	.0067	.0003	.0153	.0106
%RSD	.10559	.15982	.58655	.02099	.98113	.61675
#1	.56873	1.9777	1.1477	1.3055	1.5713	1.7229
#2	.56788	1.9732	1.1382	1.3059	1.5497	1.7079

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27236	--	--	--	--	--	--
SDev	96.87363	--	--	--	--	--	--
%RSD	.3556888	--	--	--	--	--	--
#1	27167	--	--	--	--	--	--
#2	27304	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 12:22:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3970	.48480	.48237	.50048	.44612	.48486	.48508
SDev	.0233	.00258	.00073	.00415	.00402	.00395	.00446
%RSD	.97250	.53147	.15146	.82944	.90203	.81502	.91977
#1	2.3805	.48298	.48186	.49755	.44328	.48207	.48193
#2	2.4135	.48662	.48289	.50342	.44897	.48766	.48824

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.723	.44819	.44335	.46257	2.4272	.47329	.46639
SDev	.092	.00469	.00407	.00463	.0180	.00369	.00428
%RSD	.78482	1.0458	.91832	1.0018	.74249	.77928	.91859
#1	11.658	.44488	.44047	.45930	2.4145	.47068	.46336
#2	11.788	.45150	.44623	.46585	2.4400	.47590	.46942

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47773	4.5109	.45399	.48090	.54062	12.109	.87969
SDev	.00186	.0506	.00408	.00091	.00185	.101	.00456
%RSD	.38997	1.1224	.89828	.18969	.34165	.83453	.51788
#1	.47641	4.4751	.45110	.48026	.53931	12.038	.87647
#2	.47904	4.5467	.45687	.48155	.54192	12.181	.88291

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23530	12.311	11.986	.24902	.50498	.45859	.48404
SDev	.00264	.156	.099	.00241	.00823	.00654	.00414
%RSD	1.1213	1.2706	.82810	.96704	1.6291	1.4254	.85498
#1	.23343	12.201	11.916	.24731	.49916	.45397	.48112
#2	.23716	12.422	12.056	.25072	.51080	.46321	.48697

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46415	.48943	.43126	.48396	.44731	.49299
SDev	.00475	.00490	.00364	.00461	.00399	.00080
%RSD	1.0228	1.0008	.84392	.95186	.89286	.16189
#1	.46080	.48597	.42868	.48070	.44448	.49242
#2	.46751	.49289	.43383	.48722	.45013	.49355

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25186	--	--	--	--	--	--
SDev	273.6503	--	--	--	--	--	--
%RSD	1.086496	--	--	--	--	--	--

#1	25380	--	--	--	--	--	--
#2	24993	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 12:26:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06731	.00319	.00190	.00038	-.00058	.00165	.00021
SDev	.00068	.00134	.00332	.00007	.00006	.00032	.00009

%RSD	1.0035	41.856	174.97	18.682	11.199	19.082	42.754
#1	.06683	.00414	.00425	.00033	-.00062	.00187	.00015
#2	.06779	.00225	-.00045	.00042	-.00053	.00143	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00115	.00071	.00016	-.00180	.00469	-.00016	.00156
SDev	.00261	.00020	.00023	.00009	.01170	.00011	.00129
%RSD	227.22	28.146	141.42	4.8231	249.22	68.467	82.650
#1	-.00070	.00086	-.00000	-.00187	-.00358	-.00024	.00248
#2	.00299	.00057	.00032	-.00174	.01297	-.00008	.00065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	-.01873	.00031	.00008	-.00005	-.13920	-.00622
SDev	.00269	.00353	.00003	.00011	.00052	.01551	.00094
%RSD	228.82	18.826	9.1526	136.43	1062.9	11.143	15.079
#1	.00308	-.02123	.00029	.00015	.00032	-.15016	-.00556
#2	-.00073	-.01624	.00033	.00000	-.00042	-.12823	-.00689

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.06832	.00315	.00018	.00025	.00107	.00047
SDev	.00039	.01456	.00293	.00002	.00177	.00058	.00014
%RSD	180.09	21.318	92.883	11.678	702.17	53.933	29.416
#1	-.00006	.05802	.00108	.00016	.00151	.00066	.00057
#2	.00050	.07862	.00522	.00019	-.00100	.00148	.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00020	.00174	.00147	.00125	.00114
SDev	.00008	.00007	.00133	.00261	.00045	.00426
%RSD	13.696	37.272	76.366	176.65	36.176	374.14
#1	.00066	.00015	.00080	.00332	.00093	.00415
#2	.00054	.00025	.00268	-.00037	.00157	-.00187

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	25169	--	--	--	--	--	--
SDev	178.1909	--	--	--	--	--	--
%RSD	.7079777	--	--	--	--	--	--
#1	25295	--	--	--	--	--	--
#2	25043	--	--	--	--	--	--

Analysis Report 01/06/12 12:34:30 PM page 1

Method: 20076010 Sample Name: PDS-600-48312-a-6-a Operator: SRP
Run Time: 01/06/12 12:30:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	140.75	.90033	.99694	1.7132	.39492	.96410	.43472
SDev	.21	.00122	.00253	.0043	.00087	.00134	.00043
%RSD	.14645	.13583	.25405	.25320	.21980	.13846	.09790
#1	140.89	.90120	.99873	1.7163	.39554	.96505	.43502
#2	140.60	.89947	.99515	1.7101	.39431	.96316	.43442

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	286.23	.93068	.86857	1.0515	316.80	1.1385	3.2532
SDev	.43	.00130	.00239	.0029	.65	.0018	.0025
%RSD	.15139	.13930	.27479	.27924	.20511	.15554	.07678
#1	286.54	.93160	.87026	1.0535	317.26	1.1398	3.2550
#2	285.92	.92976	.86688	1.0494	316.34	1.1373	3.2514

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80891	27.113	2.4130	.85655	1.0498	35.532	9.0941
SDev	.00107	.059	.0046	.00108	.0070	.064	.0142
%RSD	.13260	.21813	.19049	.12554	.67062	.18007	.15646
#1	.80967	27.155	2.4163	.85731	1.0548	35.577	9.1041
#2	.80815	27.072	2.4098	.85579	1.0449	35.487	9.0840

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43606	12.131	13.722	3.2524	.88618	.84408	1.2783
SDev	.00057	.004	.020	.0067	.00466	.00658	.0028
%RSD	.13143	.02990	.14677	.20704	.52621	.77969	.21856
#1	.43647	12.128	13.737	3.2571	.88948	.84874	1.2803
#2	.43566	12.133	13.708	3.2476	.88288	.83943	1.2764

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1572	1.4672	2.9630	3.3983	.75967	.83352
SDev	.0016	.0035	.0098	.0011	.00340	.00009
%RSD	.13909	.24052	.33053	.03384	.44810	.01116
#1	1.1583	1.4697	2.9699	3.3975	.76208	.83346
#2	1.1561	1.4647	2.9561	3.3991	.75727	.83359

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27045	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1254987	--	--	--	--	--	--

#1	27021	--	--	--	--	--	--
#2	27069	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48312-a-6-a@5 Operator: SRP
Run Time: 01/06/12 12:34:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.401	.00340	.02969	.16695	.00105	.01864	.00336
SDev	.117	.00069	.00041	.00059	.00012	.00068	.00001
%RSD	.42854	20.318	1.3890	.35346	11.682	3.6498	.29175
#1	27.484	.00388	.02999	.16737	.00097	.01912	.00335
#2	27.318	.00291	.02940	.16653	.00114	.01816	.00336

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.062	.03061	.02197	.04414	65.862	.01466	.53580
SDev	.179	.00003	.00010	.00127	.189	.00013	.00098
%RSD	.28435	.10872	.45551	2.8692	.28629	.90502	.18375
#1	63.189	.03063	.02190	.04504	65.995	.01457	.53650
#2	62.935	.03058	.02204	.04325	65.728	.01476	.53511

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	4.1998	.35331	.00145	.02687	4.4311	1.7674
SDev	.00080	.0153	.00130	.00035	.00053	.0223	.0119
%RSD	855.51	.36479	.36677	24.215	1.9595	.50286	.67535
#1	-.00047	4.2106	.35423	.00120	.02725	4.4468	1.7758
#2	.00066	4.1890	.35239	.00170	.02650	4.4153	1.7589

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00112	.35293	.51855	.56421	-.00236	.01058	.08674
SDev	.00026	.07554	.00086	.00192	.00082	.00148	.00025
%RSD	22.822	21.403	.16591	.34077	34.620	14.026	.28310
#1	-.00130	.40634	.51916	.56557	-.00178	.00953	.08692
#2	-.00094	.29952	.51794	.56285	-.00294	.01163	.08657

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07153	.14728	.48699	.56021	-.00269	.00149
SDev	.00010	.00078	.00029	.00133	.00361	.00061
%RSD	.13457	.52937	.06039	.23736	134.09	41.234
#1	.07160	.14783	.48720	.56115	-.00525	.00192
#2	.07146	.14673	.48679	.55927	-.00014	.00105

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/06/12 12:38:21 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25295	--	--	--	--	--	--
SDev	65.05383	--	--	--	--	--	--
%RSD	.2571806	--	--	--	--	--	--
#1	25249	--	--	--	--	--	--
#2	25341	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-68626/1-a Operator: SRP
Run Time: 01/06/12 12:38:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07724	-.00017	-.00058	.00470	-.00083	.00061	-.00007
SDev	.00996	.00115	.00093	.00018	.00005	.00042	.00004
%RSD	12.895	678.49	160.78	3.8640	6.5370	69.269	60.182
#1	.07020	.00065	-.00123	.00457	-.00087	.00090	-.00010
#2	.08428	-.00099	.00008	.00482	-.00079	.00031	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01156	-.00002	-.00013	-.00214	.02878	-.00038	.00187
SDev	.02495	.00023	.00031	.00018	.00461	.00004	.00136
%RSD	215.84	1512.1	242.94	8.2348	16.024	11.338	72.831
#1	-.00608	-.00018	.00009	-.00226	.02552	-.00041	.00091
#2	.02920	.00015	-.00035	-.00202	.03204	-.00035	.00284

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	-.02174	.00024	.00001	-.00016	-.15346	-.00625
SDev	.00205	.00078	.00024	.00039	.00007	.01371	.00036
%RSD	140.71	3.5927	97.076	6946.6	45.361	8.9328	5.7548
#1	.00001	-.02119	.00008	.00028	-.00021	-.14377	-.00599
#2	.00291	-.02230	.00041	-.00027	-.00011	-.16315	-.00650

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.02436	-.00694	.00025	.00023	.00080	.00008
SDev	.00031	.11308	.00080	.00026	.00012	.00086	.00002
%RSD	866.55	464.27	11.496	106.83	53.509	107.60	30.365
#1	.00026	.10431	-.00750	.00006	.00032	.00141	.00009
#2	-.00019	-.05560	-.00637	.00043	.00014	.00019	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00223	.00283	.00139	.00264	.00087
SDev	.00034	.00012	.00244	.00083	.00225	.00195
%RSD	188.85	5.2134	86.107	59.332	85.310	225.28

#1	-.00006	.00215	.00111	.00081	.00105	-.00051

#2	.00042	.00232	.00456	.00198	.00423	.00224

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24822	--	--	--	--	--	--
SDev	52.32590	--	--	--	--	--	--
%RSD	.2108045	--	--	--	--	--	--
#1	24785	--	--	--	--	--	--
#2	24859	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-68626/2-a Operator: SRP
Run Time: 01/06/12 12:42:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.3157	.95011	.94479	1.0117	.43394	.95394	.47706
SDev	.0017	.00009	.00245	.0015	.00167	.00067	.00074
%RSD	.01810	.00939	.25880	.14579	.38579	.07020	.15515
#1	9.3169	.95017	.94651	1.0128	.43513	.95441	.47758
#2	9.3145	.95005	.94306	1.0107	.43276	.95346	.47653

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.2099	.87854	.86773	.91888	9.5026	.47043	.91217
SDev	.0161	.00326	.00433	.00285	.0235	.00055	.00087
%RSD	.17470	.37082	.49927	.31018	.24695	.11645	.09496
#1	9.2213	.88085	.87079	.92090	9.5192	.47082	.91278
#2	9.1985	.87624	.86466	.91686	9.4860	.47005	.91156

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93160	8.8523	.89436	.93786	1.0328	9.7744	.84407
SDev	.00139	.0329	.00256	.00172	.0067	.0038	.00226
%RSD	.14941	.37126	.28668	.18392	.65097	.03899	.26819
#1	.93258	8.8755	.89617	.93664	1.0376	9.7771	.84567
#2	.93061	8.8291	.89254	.93908	1.0280	9.7717	.84247

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47151	9.3752	9.7116	.50156	1.0072	.87551	.94176
SDev	.00218	.0490	.0014	.00053	.0041	.00555	.00161
%RSD	.46216	.52302	.01392	.10590	.40662	.63429	.17082
#1	.47305	9.3405	9.7125	.50193	1.0101	.87944	.94290
#2	.46997	9.4099	9.7106	.50118	1.0043	.87159	.94062

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91288	.96135	.83433	.95109	.87187	.96146

SDev	.00287	.00153	.00069	.00096	.00273	.00345
%RSD	.31468	.15942	.08253	.10041	.31310	.35912
#1	.91491	.96243	.83481	.95177	.86994	.96391
#2	.91085	.96026	.83384	.95042	.87380	.95902

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24751	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0228550	--	--	--	--	--	--
#1	24755	--	--	--	--	--	--
#2	24747	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47649-d-2-a Operator: SRP
Run Time: 01/06/12 12:46:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09900	.00152	.00235	.13682	-.00089	.63255	-.00004
SDev	.00160	.00033	.00194	.00033	.00003	.00310	.00002
%RSD	1.6180	21.549	82.659	.24091	2.9368	.49043	43.244
#1	.10013	.00175	.00372	.13705	-.00091	.63474	-.00003
#2	.09786	.00128	.00098	.13659	-.00087	.63035	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.537	.00062	-.00039	.01429	.05141	.03000	.00060
SDev	.203	.00017	.00022	.00030	.01461	.00004	.00003
%RSD	.86200	27.120	56.881	2.1247	28.428	.12784	5.4506
#1	23.681	.00074	-.00023	.01451	.06175	.03003	.00057
#2	23.394	.00050	-.00054	.01408	.04108	.02997	.00062

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	5.6726	.00453	.00211	.00120	17.282	7.9572
SDev	.00080	.0453	.00007	.00079	.00059	.019	.0385
%RSD	36.380	.79884	1.5117	37.616	49.650	.11180	.48422
#1	.00163	5.7046	.00458	.00267	.00162	17.268	7.9844
#2	.00276	5.6405	.00448	.00155	.00078	17.295	7.9299

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	216.86	160.82	.47211	-.00265	.00164	.00018
SDev	.00000	.17	.49	.00078	.00230	.00046	.00009
%RSD	1.6053	.07955	.30767	.16490	86.939	28.055	46.300
#1	-.00030	216.73	161.17	.47266	-.00102	.00131	.00024
#2	-.00030	216.98	160.47	.47156	-.00428	.00196	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.05120	.00032	.00074	.00253	.00203
SDev	.00035	.00036	.00068	.00039	.00123	.00058
%RSD	44.178	.71277	216.41	53.115	48.652	28.706
#1	.00105	.05145	.00080	.00046	.00166	.00161
#2	.00055	.05094	-.00017	.00101	.00340	.00244

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25163	--	--	--	--	--	--
SDev	231.9310	--	--	--	--	--	--
%RSD	.9217145	--	--	--	--	--	--
#1	24999	--	--	--	--	--	--
#2	25327	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47649-d-2-b du Operator: SRP
Run Time: 01/06/12 12:49:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10217	.00255	.00166	.10044	-.00098	.63654	-.00008
SDev	.00107	.00072	.00005	.00082	.00000	.00436	.00023
%RSD	1.0433	28.047	2.7757	.82067	.21484	.68482	287.18
#1	.10292	.00205	.00162	.10102	-.00098	.63962	-.00024
#2	.10141	.00306	.00169	.09986	-.00098	.63346	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.707	.00045	-.00024	.01433	.04845	.03027	.00085
SDev	.141	.00005	.00008	.00013	.00690	.00029	.00070
%RSD	.59680	10.229	32.149	.87908	14.233	.94798	82.511
#1	23.807	.00041	-.00018	.01442	.04357	.03048	.00135
#2	23.607	.00048	-.00029	.01424	.05333	.03007	.00036

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	5.7306	.00438	.00178	.00114	17.420	8.0415
SDev	.00147	.0353	.00006	.00089	.00004	.167	.0603
%RSD	106.48	.61666	1.3658	49.970	3.7637	.95587	.75000
#1	.00034	5.7556	.00443	.00115	.00111	17.538	8.0841
#2	.00242	5.7057	.00434	.00240	.00117	17.302	7.9989

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	218.95	162.17	.47605	-.00108	.00145	.00004
SDev	.00023	1.84	1.24	.00370	.00059	.00050	.00001

%RSD	933.00	.84238	.76609	.77715	55.251	34.330	27.815

#1	-.00019	220.26	163.04	.47866	-.00150	.00110	.00005
#2	.00014	217.65	161.29	.47343	-.00066	.00180	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.05126	.00215	.00021	.00166	.00124
SDev	.00009	.00026	.00020	.00096	.00398	.00021
%RSD	15.017	.50344	9.2161	465.01	239.57	17.269
#1	.00055	.05144	.00229	.00088	-.00115	.00109
#2	.00069	.05108	.00201	-.00047	.00448	.00139

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24871	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1762721	--	--	--	--	--	--
#1	24840	--	--	--	--	--	--
#2	24902	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47649-d-2-c ms Operator: SRP
Run Time: 01/06/12 12:53:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7642	.98413	.95541	1.0981	.43156	1.6236	.47201
SDev	.0074	.00047	.00635	.0013	.00053	.0019	.00084
%RSD	.07555	.04788	.66442	.11978	.12207	.11940	.17865
#1	9.7590	.98446	.95990	1.0991	.43194	1.6250	.47261
#2	9.7694	.98380	.95092	1.0972	.43119	1.6223	.47142

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.642	.86614	.86265	.94975	9.3971	.59436	.90436
SDev	.023	.00120	.00184	.00130	.0282	.00043	.00015
%RSD	.07159	.13904	.21316	.13655	.30016	.07201	.01709
#1	32.659	.86699	.86395	.95067	9.4170	.59467	.90425
#2	32.625	.86529	.86135	.94883	9.3771	.59406	.90447

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94999	14.467	.88576	.95920	1.0017	29.824	9.1860
SDev	.00107	.007	.00103	.00211	.0063	.064	.0028
%RSD	.11254	.04862	.11623	.22042	.62441	.21444	.03080
#1	.94923	14.472	.88649	.96069	1.0061	29.869	9.1840
#2	.95075	14.462	.88503	.95770	.99724	29.778	9.1880

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47469	233.77	172.35	.98135	1.0194	.91006	.95779

SDev	.00103	.01	.02	.00091	.0059	.00049	.00056
%RSD	.21621	.00530	.01300	.09278	.58260	.05385	.05842
#1	.47541	233.78	172.33	.98200	1.0152	.91041	.95818
#2	.47396	233.76	172.36	.98071	1.0236	.90971	.95739

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90701	1.0112	.82824	.94241	.88596	.98200
SDev	.00006	.0008	.00030	.00038	.00042	.00181
%RSD	.00657	.08334	.03687	.04080	.04704	.18452
#1	.90705	1.0118	.82845	.94214	.88626	.98072
#2	.90697	1.0106	.82802	.94269	.88567	.98329

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24722	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0715044	--	--	--	--	--	--
#1	24710	--	--	--	--	--	--
#2	24735	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47649-d-2-d msd Operator: SRP
Run Time: 01/06/12 12:57:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6966	.96790	.94910	1.0938	.42841	1.6052	.46940
SDev	.0005	.00426	.00290	.0010	.00180	.0042	.00190
%RSD	.00484	.44022	.30591	.09194	.42120	.26440	.40418
#1	9.6969	.97091	.95115	1.0945	.42969	1.6082	.47074
#2	9.6962	.96488	.94705	1.0931	.42714	1.6022	.46805

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.574	.86021	.85529	.94005	9.3551	.58827	.89850
SDev	.110	.00284	.00287	.00230	.0508	.00044	.00322
%RSD	.33797	.32998	.33602	.24450	.54317	.07442	.35852
#1	32.652	.86222	.85732	.94168	9.3910	.58858	.90077
#2	32.496	.85821	.85326	.93843	9.3192	.58796	.89622

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94056	14.376	.87946	.94260	.98748	29.595	9.1383
SDev	.00419	.038	.00282	.00106	.00582	.028	.0208
%RSD	.44576	.26404	.32089	.11280	.58925	.09525	.22776

#1	.94353	14.402	.88145	.94335	.98337	29.615	9.1531
#2	.93760	14.349	.87746	.94185	.99160	29.575	9.1236

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47063	232.51	171.56	.97399	1.0122	.89201	.93924
SDev	.00149	.11	.06	.00128	.0024	.00528	.00207
%RSD	.31726	.04574	.03370	.13173	.24200	.59214	.22057
#1	.47168	232.58	171.60	.97489	1.0139	.89574	.94071
#2	.46957	232.43	171.52	.97308	1.0104	.88827	.93778

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90046	1.0065	.81986	.93781	.87236	.97466
SDev	.00245	.0034	.00261	.00353	.00102	.00680
%RSD	.27244	.33768	.31795	.37625	.11700	.69760
#1	.90219	1.0089	.82170	.94031	.87164	.97947
#2	.89872	1.0041	.81801	.93532	.87309	.96986

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24937	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.1304364	--	--	--	--	--	--
#1	24914	--	--	--	--	--	--
#2	24960	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47682-a-2-a Operator: SRP
Run Time: 01/06/12 13:01:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4414	.00052	.00383	.02384	-.00088	.07305	-.00003
SDev	.0044	.00103	.00149	.00001	.00003	.00053	.00004
%RSD	.30285	196.61	38.833	.05296	2.9003	.73101	120.50
#1	1.4383	.00125	.00278	.02383	-.00086	.07343	-.00000
#2	1.4445	-.00020	.00488	.02385	-.00090	.07267	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4730	.00568	.00044	.00853	1.8887	.00205	.00540
SDev	.0142	.00013	.00015	.00007	.0173	.00001	.00045
%RSD	.14955	2.2306	33.749	.83823	.91522	.53837	8.4065
#1	9.4630	.00577	.00034	.00858	1.8765	.00204	.00508
#2	9.4830	.00559	.00055	.00848	1.9010	.00206	.00572

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 01/06/12 01:05:17 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.61001	.05555	.00374	.01843	4.0520	2.3430
SDev	.00087	.00064	.00005	.00008	.00012	.0012	.0008
%RSD	93.794	.10535	.08310	2.0241	.62302	.02924	.03255
#1	.00154	.61047	.05552	.00369	.01851	4.0511	2.3424
#2	.00031	.60956	.05558	.00379	.01835	4.0528	2.3435

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	6.0400	5.7613	.02639	-.00023	.00127	.01728
SDev	.00011	.0438	.0066	.00003	.00005	.00010	.00025
%RSD	21.966	.72459	.11436	.09896	23.116	8.0627	1.4489
#1	-.00056	6.0091	5.7660	.02637	-.00019	.00120	.01711
#2	-.00041	6.0710	5.7567	.02641	-.00027	.00135	.01746

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00268	.08732	.00476	.00572	.00136	.00071
SDev	.00015	.00066	.00002	.00067	.00094	.00084
%RSD	5.6540	.75900	.48562	11.698	69.198	117.18
#1	.00278	.08685	.00474	.00525	.00202	.00131
#2	.00257	.08779	.00477	.00620	.00069	.00012

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25636	--	--	--	--	--	--
SDev	138.5929	--	--	--	--	--	--
%RSD	.5406184	--	--	--	--	--	--
#1	25734	--	--	--	--	--	--
#2	25538	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 13:05:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3986	.48330	.46903	.50442	.42992	.48155	.47898
SDev	.0039	.00270	.00279	.00049	.00004	.00180	.00059
%RSD	.16154	.55811	.59481	.09741	.00998	.37310	.12218
#1	2.3959	.48139	.46705	.50407	.42989	.48028	.47857
#2	2.4014	.48521	.47100	.50477	.42995	.48282	.47939

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.429	.43569	.43030	.45632	2.3874	.47903	.45398
SDev	.010	.00015	.00018	.00019	.0251	.00100	.00028
%RSD	.08381	.03388	.04160	.04205	1.0493	.20826	.06200

#1	11.436	.43558	.43043	.45618	2.4052	.47833	.45418
#2	11.423	.43579	.43018	.45645	2.3697	.47974	.45378

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46256	4.3902	.44447	.47003	.49582	12.234	.85204
SDev	.00111	.0005	.00011	.00152	.00200	.034	.00046
%RSD	.24066	.01027	.02574	.32336	.40324	.27956	.05377

#1	.46335	4.3905	.44439	.46896	.49723	12.210	.85236
#2	.46177	4.3899	.44455	.47111	.49441	12.258	.85171

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23145	12.258	12.185	.25164	.50294	.44414	.47793
SDev	.00027	.092	.018	.00039	.00032	.00068	.00067
%RSD	.11686	.75282	.15026	.15451	.06278	.15365	.14053
#1	.23126	12.323	12.172	.25136	.50316	.44462	.47745
#2	.23164	12.193	12.198	.25191	.50271	.44366	.47840

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45491	.48098	.41556	.47319	.42633	.48073
SDev	.00017	.00006	.00296	.00106	.00188	.00073
%RSD	.03712	.01354	.71225	.22352	.44086	.15185
#1	.45479	.48093	.41765	.47244	.42766	.48124
#2	.45503	.48103	.41346	.47394	.42500	.48021

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25208	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1654970	--	--	--	--	--	--
#1	25238	--	--	--	--	--	--
#2	25179	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 13:09:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07870	.00011	.00295	.00033	-.00072	.00223	.00014
SDev	.00172	.00266	.00238	.00000	.00002	.00035	.00002
%RSD	2.1864	2429.7	80.937	.07362	3.3611	15.821	11.058
#1	.07991	.00199	.00463	.00033	-.00074	.00248	.00013
#2	.07748	-.00177	.00126	.00033	-.00071	.00198	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	.00018	.00013	-.00232	-.00846	-.00014	.00059
SDev	.00159	.00009	.00012	.00015	.00181	.00006	.00065
%RSD	269.58	51.234	91.644	6.4299	21.441	40.600	109.61
#1	-.00171	.00025	.00021	-.00221	-.00974	-.00018	.00013
#2	.00053	.00011	.00005	-.00243	-.00718	-.00010	.00105

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00438	-.02176	.00026	.00120	-.00000	-.15523	-.01401
SDev	.00416	.00066	.00005	.00058	.00007	.00405	.00199
%RSD	94.911	3.0164	20.041	48.500	2208.5	2.6079	14.209
#1	.00732	-.02130	.00030	.00161	.00005	-.15237	-.01260
#2	.00144	-.02223	.00022	.00079	-.00005	-.15810	-.01542

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.01061	.00633	.00017	.00263	.00099	.00028
SDev	.00014	.06656	.00154	.00001	.00115	.00188	.00012
%RSD	86.863	627.06	24.376	6.6892	43.548	190.10	42.307
#1	-.00026	.03645	.00524	.00016	.00345	-.00034	.00037
#2	-.00006	-.05768	.00743	.00018	.00182	.00232	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.00029	.00278	-.00050	.00394	.00460
SDev	.00052	.00002	.00027	.00084	.00378	.00434
%RSD	93.571	5.2086	9.7187	167.01	95.822	94.520
#1	.00092	.00028	.00259	-.00109	.00661	.00767
#2	.00019	.00030	.00297	.00009	.00127	.00152

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25035	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0621384	--	--	--	--	--	--
#1	25046	--	--	--	--	--	--
#2	25024	--	--	--	--	--	--

Analysis Report Blank Sample 01/06/12 01:19:08 PM page 1

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/06/12 13:15:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16840	.01135	.01199	.01050	.00343	.01081	.00492
SDev	.00115	.00161	.00269	.00001	.00002	.00009	.00014
%RSD	.68227	14.178	22.457	.05361	.50267	.84124	2.7835
#1	.16759	.01021	.01008	.01049	.00344	.01075	.00482
#2	.16922	.01249	.01389	.01050	.00342	.01087	.00501

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08038	.00949	.00851	.00708	.09554	.00853	.01068
SDev	.00059	.00026	.00071	.00022	.02100	.00002	.00033
%RSD	.73333	2.7400	8.3680	3.0918	21.983	.19750	3.0845
#1	.07996	.00968	.00800	.00724	.08069	.00852	.01045
#2	.08079	.00931	.00901	.00693	.11039	.00855	.01091

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00723	.06149	.00937	.00930	.00982	.40930	-.00547
SDev	.00063	.00165	.00004	.00004	.00000	.01180	.00059
%RSD	8.7340	2.6846	.38468	.47028	.02004	2.8835	10.830
#1	.00679	.06032	.00940	.00927	.00982	.40096	-.00505
#2	.00768	.06265	.00935	.00933	.00982	.41765	-.00589

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00418	.50495	.54208	.00510	.01008	.00883	.00982
SDev	.00054	.05980	.00089	.00000	.00057	.00144	.00013
%RSD	12.965	11.842	.16394	.04850	5.6623	16.282	1.3331
#1	.00380	.46267	.54145	.00510	.01049	.00781	.00973
#2	.00457	.54724	.54271	.00510	.00968	.00984	.00991

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00974	.00974	.00819	.01193	.00448	.00861
SDev	.00032	.00003	.00104	.00101	.00309	.00060
%RSD	3.3113	.32046	12.669	8.4949	69.049	6.9602
#1	.00996	.00977	.00893	.01121	.00229	.00903
#2	.00951	.00972	.00746	.01264	.00667	.00819

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25112	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1689487	--	--	--	--	--	--

#1	25142	--	--	--	--	--	--
#2	25082	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/06/12 13:19:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	459.76	.00046	.00055	.00165	-.00123	-.00179	.00258
SDev	.10	.00453	.00088	.00007	.00001	.00029	.00015
%RSD	.02178	993.21	161.02	4.1522	.87957	16.314	6.0065
#1	459.83	-.00275	.00117	.00160	-.00123	-.00159	.00269
#2	459.69	.00366	-.00008	.00170	-.00122	-.00200	.00247

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	400.77	.00105	.00016	.00896	173.96	.00409	.00965
SDev	.42	.00020	.00109	.00014	.16	.00000	.00105
%RSD	.10564	18.960	696.83	1.5717	.08910	.09082	10.862

#1	401.07	.00091	.00093	.00906	174.07	.00409	.00890
#2	400.47	.00119	-.00061	.00886	173.85	.00409	.01039

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01562	435.38	-.00632	-.00002	.00142	-.20375	-.00543
SDev	.00078	.17	.00000	.00006	.00060	.00375	.00062
%RSD	5.0118	.03907	.03653	325.25	42.396	1.8429	11.422

#1	-.01618	435.50	-.00632	.00002	.00099	-.20109	-.00499
#2	-.01507	435.26	-.00632	-.00006	.00184	-.20640	-.00587

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00094	.03582	.15176	-.00766	.01362	-.00046	-.00227
SDev	.00055	.12481	.00382	.00003	.00215	.00083	.00011
%RSD	57.899	348.47	2.5168	.43579	15.790	181.92	4.8427

#1	-.00056	.12407	.14906	-.00768	.01514	-.00105	-.00220
#2	-.00133	-.05244	.15446	-.00764	.01210	.00013	-.00235

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00472	-.00016	-.08656	.05775	.00342	-.02514
SDev	.00000	.00027	.00320	.00317	.00296	.00031
%RSD	.05714	169.03	3.7010	5.4950	86.645	1.2161

#1	.00472	.00003	-.08430	.05551	.00132	-.02493
#2	.00471	-.00035	-.08883	.05999	.00551	-.02536

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/06/12 01:22:59 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23262	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0455972	--	--	--	--	--	--

#1	23254	--	--	--	--	--	--
#2	23269	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/06/12 13:23:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	473.67	.99815	.96663	1.0385	.40723	1.0004	.45332
SDev	1.64	.00524	.00372	.0014	.00096	.0048	.00144
%RSD	.34680	.52488	.38519	.13538	.23664	.47850	.31803

#1	472.51	.99444	.96400	1.0375	.40655	.99704	.45230
#2	474.83	1.0019	.96926	1.0394	.40791	1.0038	.45434

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	414.04	.82838	.79425	.98335	185.44	1.3030	.87670

SDev	1.30	.00238	.00184	.00260	.56	.0031	.00441
%RSD	.31510	.28725	.23161	.26427	.30167	.23529	.50310
#1	413.11	.82669	.79295	.98151	185.05	1.3008	.87359
#2	414.96	.83006	.79555	.98518	185.84	1.3051	.87982

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90915	450.22	.84920	.91349	1.0052	14.648	.86414
SDev	.01178	1.46	.00220	.00536	.0028	.028	.00370
%RSD	1.2955	.32338	.25860	.58709	.28276	.19342	.42860
#1	.90082	449.19	.84765	.90970	1.0032	14.628	.86153
#2	.91747	451.25	.85075	.91729	1.0072	14.668	.86676

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49357	12.192	14.332	.50556	.98073	.86399	.93079
SDev	.00163	.114	.052	.00057	.00215	.00108	.00152
%RSD	.33098	.93900	.36612	.11315	.21932	.12499	.16294
#1	.49241	12.111	14.295	.50515	.97921	.86322	.92971
#2	.49472	12.273	14.369	.50596	.98225	.86475	.93186

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.87992	.94285	.70103	.96454	.86205	.93269
SDev	.00221	.00228	.00350	.00487	.00344	.01939
%RSD	.25132	.24229	.49942	.50443	.39899	2.0785
#1	.87836	.94124	.69856	.96110	.86449	.91899

#2	.88148	.94447	.70351	.96798	.85962	.94640	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23124	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.2690944	--	--	--	--	--	--
#1	23168	--	--	--	--	--	--
#2	23080	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 13:26:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5961	.48253	.47435	.50313	.42804	.48211	.48223
SDev	.0690	.00065	.00216	.00046	.00089	.00026	.00092
%RSD	2.6596	.13543	.45593	.09034	.20687	.05504	.19048
#1	2.6449	.48207	.47588	.50345	.42742	.48229	.48158
#2	2.5473	.48299	.47282	.50281	.42867	.48192	.48288

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.642	.43461	.42947	.45160	2.4966	.47798	.45568
SDev	.039	.00144	.00066	.00004	.0407	.00044	.00232
%RSD	.33703	.33176	.15455	.00825	1.6314	.09241	.51022
#1	11.669	.43359	.42900	.45163	2.5254	.47829	.45404
#2	11.614	.43563	.42994	.45157	2.4678	.47766	.45733

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46608	4.5933	.44441	.47130	.55522	12.211	.84309
SDev	.00052	.0699	.00105	.00070	.00252	.013	.00036
%RSD	.11072	1.5224	.23675	.14932	.45378	.10981	.04262
#1	.46644	4.6427	.44366	.47180	.55701	12.221	.84284
#2	.46571	4.5438	.44515	.47081	.55344	12.202	.84335

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23103	12.249	12.112	.25155	.50158	.44836	.47693
SDev	.00010	.035	.002	.00011	.00040	.00258	.00032
%RSD	.04113	.28373	.01684	.04267	.08012	.57537	.06652
#1	.23096	12.224	12.111	.25163	.50187	.44653	.47670
#2	.23109	12.274	12.114	.25147	.50130	.45018	.47715

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45329	.48194	.41626	.47539	.43380	.48227

SDev	.00072	.00089	.00127	.00285	.00059	.00107
%RSD	.15776	.18451	.30572	.59975	.13547	.22141
#1	.45278	.48131	.41536	.47338	.43338	.48302
#2	.45380	.48257	.41716	.47741	.43421	.48151

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25129	--	--	--	--	--	--
SDev	59.39697	--	--	--	--	--	--
%RSD	.2363682	--	--	--	--	--	--
#1	25171	--	--	--	--	--	--
#2	25087	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 13:30:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10062	.00081	.00167	.00021	-.00081	.00134	.00011
SDev	.00008	.00212	.00142	.00009	.00008	.00030	.00006
%RSD	.07641	260.43	85.167	40.542	9.4699	22.080	54.746
#1	.10068	.00231	.00066	.00027	-.00075	.00155	.00007
#2	.10057	-.00069	.00267	.00015	-.00086	.00113	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01977	-.00003	-.00001	-.00289	.01809	-.00029	.00104
SDev	.00252	.00007	.00016	.00001	.01148	.00002	.00006
%RSD	12.754	214.58	2589.6	.43165	63.427	5.8414	6.0857
#1	.02155	-.00008	.00011	-.00288	.02621	-.00027	.00109
#2	.01798	.00002	-.00012	-.00290	.00998	-.00030	.00100

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00304	-.00146	.00018	.00053	.00007	-.17179	-.01744
SDev	.00140	.00449	.00005	.00052	.00043	.02356	.00033
%RSD	46.064	308.34	27.333	98.479	629.45	13.715	1.8887
#1	.00403	-.00463	.00022	.00089	-.00024	-.18845	-.01721
#2	.00205	.00172	.00015	.00016	.00037	-.15513	-.01768

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.03278	-.00130	.00010	.00216	.00050	.00016
SDev	.00025	.04179	.00142	.00002	.00066	.00170	.00008
%RSD	129.03	127.46	108.65	19.192	30.556	337.02	49.306
#1	.00038	.06233	-.00030	.00012	.00170	-.00070	.00021
#2	.00002	.00324	-.00230	.00009	.00263	.00171	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00002	-.00000	.00157	-.00024	.00468
SDev	.00008	.00000	.00085	.00052	.00148	.00136
%RSD	33.250	7.4516	19885.	33.123	610.53	29.094
#1	.00019	.00002	-.00060	.00193	.00080	.00564
#2	.00030	.00002	.00060	.00120	-.00129	.00371

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25141	--	--	--	--	--	--
SDev	175.3625	--	--	--	--	--	--
%RSD	.6975160	--	--	--	--	--	--
#1	25265	--	--	--	--	--	--
#2	25017	--	--	--	--	--	--

Method: 20076010 01/06/12 01:47:54 PM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : B010612	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/06/12 01:56:17 PM page 1

Method: 20076010 Standard: S0
Run Time: 01/06/12 13:52:54

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01518	.00237	-.00151	.00014	-.06244	.00562	.00174
SDev	.00021	.00053	.00103	.00064	.00054	.00003	.00047
%RSD	1.3937	22.320	68.045	463.53	.87073	.60913	27.125
#1	.01503	.00200	-.00078	-.00031	-.06206	.00560	.00141
#2	.01533	.00275	-.00224	.00059	-.06283	.00565	.00208

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00474	-.00006	-.00094	.00388	-.00151	.04338	.02241
SDev	.00005	.00030	.00011	.00050	.00014	.00016	.00008
%RSD	1.0524	520.00	11.670	12.972	9.0673	.37188	.36361
#1	.00478	-.00027	-.00102	.00352	-.00161	.04326	.02236
#2	.00471	.00016	-.00086	.00424	-.00141	.04349	.02247

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00002	.00002	-.00366	.31219	.04761	-.00039	-.00359
SDev	.00008	.00014	.00008	.00136	.00089	.00039	.00013
%RSD	423.34	709.91	2.1524	.43589	1.8623	98.936	3.7477
#1	-.00004	.00012	-.00372	.31123	.04698	-.00067	-.00368
#2	.00008	-.00008	-.00361	.31315	.04824	-.00012	-.00349

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.13828	-.00260	-.00194	-.00031	-.00411	-.00002	-.00098
SDev	.00055	.00169	.00008	.00083	.00116	.00019	.00028
%RSD	.39689	64.771	4.1692	264.87	28.173	995.57	28.396
#1	.13790	-.00380	-.00200	.00027	-.00493	-.00016	-.00078
#2	.13867	-.00141	-.00188	-.00090	-.00329	.00012	-.00118

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.01344	.00038	-.00811	.00654

SDev	.00392	.00668	.00217	.00012
%RSD	29.162	1775.4	26.757	1.8100
#1	.01621	-.00435	-.00658	.00646
#2	.01067	.00510	-.00965	.00663

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25520	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.1163734	--	--	--	--	--	--
#1	25541	--	--	--	--	--	--
#2	25499	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/06/12 13:56:32

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.1533	1.2112	1.2349	18.447	20.625	7.8401	12.312
SDev	.0055	.0022	.0081	.103	.141	.0283	.121
%RSD	.47907	.17861	.65364	.55986	.68369	.36082	.98392
#1	1.1572	1.2097	1.2292	18.520	20.526	7.8201	12.226
#2	1.1494	1.2128	1.2406	18.374	20.725	7.8601	12.398

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.6682	2.2245	1.3086	1.8037	4.9322	25.191	1.1808
SDev	.0215	.0128	.0078	.0104	.0286	.163	.0050
%RSD	.80743	.57582	.59692	.57389	.58032	.64887	.42272
#1	2.6529	2.2155	1.3031	1.8111	4.9119	25.306	1.1773
#2	2.6834	2.2336	1.3141	1.7964	4.9524	25.075	1.1844

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.0058	1.9469	6.9896	3.4959	1.0288	.95488	.16589
SDev	.0079	.0099	.0815	.0285	.0017	.00151	.00191
%RSD	.39560	.51002	1.1657	.81647	.16120	.15790	1.1527
#1	2.0002	1.9399	6.9320	3.5161	1.0300	.95594	.16725
#2	2.0114	1.9539	7.0472	3.4758	1.0276	.95381	.16454

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.936	55.301	.38140	2.6035	13.677	.61738	3.5257
SDev	.177	.258	.00041	.0247	.004	.00148	.0170
%RSD	.84645	.46734	.10783	.94711	.03209	.23962	.48257
#1	21.062	55.484	.38111	2.5861	13.674	.61634	3.5137
#2	20.811	55.119	.38169	2.6210	13.680	.61843	3.5377

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.8257	8.0905	1.2544	1.2066
SDev	.0271	.0483	.0011	.0056
%RSD	.70777	.59718	.08996	.46527
#1	3.8066	8.0563	1.2536	1.2026
#2	3.8449	8.1246	1.2552	1.2106

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25302	--	--	--	--	--	--
SDev	376.8879	--	--	--	--	--	--
%RSD	1.489587	--	--	--	--	--	--
#1	25035	--	--	--	--	--	--
#2	25568	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	17.5733	-.266838	01/06/12 01:56:32
Sb2068	206.838	STD	S0	1.65995	-.003936	01/06/12 01:56:32
As1890	189.042	STD	S0	1.60199	.002418	01/06/12 01:56:32
Ba4934	493.409	STD	S0	.108417	-.000015	01/06/12 01:56:32
Be3130	313.042	STD	S0	.048369	.003020	01/06/12 01:56:32
B_2496	249.678	STD	S0	.255282	-.001435	01/06/12 01:56:32
Cd2265	226.502	STD	S0	.081393	-.000142	01/06/12 01:56:32
Ca3179	317.933	STD	S0	7.50915	-.035603	01/06/12 01:56:32
Cr2677	267.716	STD	S0	.899048	.000053	01/06/12 01:56:32
Co2286	228.616	STD	S0	1.52723	.001436	01/06/12 01:56:32
Cu3247	324.753	STD	S0	1.11061	-.004309	01/06/12 01:56:32
Fe2714	271.441	STD	S0	3.88595	.005862	01/06/12 01:56:32
Li6707	670.784	STD	S0	.079531	-.003450	01/06/12 01:56:32
Pb2203	220.353		NONE	.000000	.000000	*01/06/12 01:56:32
Se1960	196.026		NONE	.000000	.000000	*01/06/12 01:56:32
Mg2790	279.078	STD	S0	17.2648	-.386970	01/06/12 01:56:32
Mn2576	257.610	STD	S0	.997322	-.000020	01/06/12 01:56:32
Mo2020	202.030	STD	S0	1.02728	-.000020	01/06/12 01:56:32
Ni2316	231.604	STD	S0	.285988	.001048	01/06/12 01:56:32
K_7664	766.491	STD	S0	6.28191	-1.96113	01/06/12 01:56:32
Si2881	288.158	STD	S0	2.01961	-.096154	01/06/12 01:56:32
Ag3280	328.068	STD	S0	1.04711	.000410	01/06/12 01:56:32
Na3302	330.232	STD	S0	118.009	.423102	01/06/12 01:56:32
Na5889	588.995	STD	S0	.961625	-.132977	01/06/12 01:56:32
Sr4215	421.552	STD	S0	.018091	.000047	01/06/12 01:56:32
Tl1908	190.864	STD	S0	5.23415	.010152	01/06/12 01:56:32
Sn1899	189.989	STD	S0	.768094	.000241	01/06/12 01:56:32
Ti3349	334.941	STD	S0	.146185	.000601	01/06/12 01:56:32
V_2924	292.402	STD	S0	3.20834	.000062	01/06/12 01:56:32
Zn2138	213.856	STD	S0	.567799	.000556	01/06/12 01:56:32
2203/1	220.351	STD	S0	.527679	-.007091	01/06/12 01:56:32
2203/2	220.352	STD	S0	.246290	-.000093	01/06/12 01:56:32
1960/1	196.021	STD	S0	1.58607	.012867	01/06/12 01:56:32
1960/2	196.022	STD	S0	1.66311	-.010883	01/06/12 01:56:32

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	.000000	-.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	.000000	-.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/06/12 01:59:57 PM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/06/12 01:59:57 PM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	-.000000	.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/06/12 02:04:35 PM page 1

Method: 20076010 Sample Name: S2-met1211cal_00001 Operator: SRP
Run Time: 01/06/12 14:00:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.754	1.9847	1.9885	1.9757	.99581	1.9849	.99543

SDev	.031	.0036	.0082	.0067	.00134	.0045	.00019
%RSD	.15608	.18331	.40992	.33770	.13402	.22672	.01951
#1	19.776	1.9872	1.9942	1.9804	.99675	1.9881	.99557
#2	19.732	1.9821	1.9827	1.9710	.99487	1.9817	.99529

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.909	1.9861	1.9846	1.9714	19.897	1.9707	1.9875
SDev	.013	.0028	.0001	.0062	.004	.0044	.0019
%RSD	.06339	.14108	.00585	.31393	.02230	.22359	.09601
#1	19.900	1.9881	1.9845	1.9758	19.894	1.9739	1.9889
#2	19.918	1.9841	1.9847	1.9670	19.900	1.9676	1.9862

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9845	19.872	1.9854	1.9912	1.9977	19.697	1.9648
SDev	.0078	.002	.0025	.0005	.0050	.043	.0042
%RSD	.39097	.01053	.12488	.02560	.24814	.22082	.21593
#1	1.9900	19.874	1.9872	1.9909	1.9942	19.728	1.9678
#2	1.9791	19.871	1.9837	1.9916	2.0012	19.667	1.9618

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98919	19.803	19.704	.98780	2.0013	1.9846	1.9815
SDev	.00140	.114	.046	.00301	.0102	.0005	.0045
%RSD	.14157	.57640	.23360	.30488	.50858	.02583	.22815
#1	.99018	19.723	19.737	.98993	1.9941	1.9850	1.9847
#2	.98820	19.884	19.672	.98567	2.0085	1.9843	1.9783

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9814	1.9903	1.9801	1.9912	1.9823	1.9857
SDev	.0038	.0012	.0002	.0030	.0109	.0062
%RSD	.19250	.06229	.00931	.14838	.55086	.31116
#1	1.9841	1.9912	1.9800	1.9933	1.9900	1.9900
#2	1.9787	1.9894	1.9802	1.9891	1.9745	1.9813

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25520	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0858963	--	--	--	--	--	--

#1	25504	--	--	--	--	--	--
#2	25535	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 14:04:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4249	.48730	.49180	.48772	.49935	.49129	.49443
SDev	.0035	.00050	.00251	.00115	.00003	.00086	.00101
%RSD	.14265	.10287	.51097	.23615	.00690	.17607	.20433
#1	2.4225	.48694	.49358	.48853	.49933	.49068	.49372
#2	2.4274	.48765	.49002	.48690	.49938	.49190	.49515

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.388	.49211	.49541	.49169	2.5219	.45605	.49239
SDev	.020	.00065	.00014	.00092	.0064	.00106	.00125
%RSD	.16059	.13218	.02736	.18645	.25512	.23216	.25456
#1	12.374	.49165	.49532	.49234	2.5264	.45680	.49151
#2	12.402	.49257	.49551	.49104	2.5173	.45530	.49328

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49599	4.9245	.48720	.50159	.49580	11.707	.92537
SDev	.00120	.0054	.00002	.00283	.00006	.022	.00030
%RSD	.24194	.11050	.00406	.56519	.01150	.18792	.03298
#1	.49514	4.9207	.48718	.50359	.49584	11.723	.92559
#2	.49684	4.9284	.48721	.49958	.49576	11.692	.92515

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24380	12.328	11.588	.24461	.49968	.50563	.49641
SDev	.00012	.035	.029	.00046	.00166	.00225	.00035
%RSD	.04780	.28180	.25430	.18881	.33155	.44427	.07140
#1	.24372	12.353	11.609	.24494	.49851	.50721	.49666
#2	.24388	12.304	11.567	.24429	.50085	.50404	.49615

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49611	.50257	.48969	.49375	.49848	.49480
SDev	.00107	.00036	.00145	.00116	.00625	.00133
%RSD	.21632	.07191	.29544	.23429	1.2547	.26826
#1	.49687	.50232	.48866	.49293	.49406	.49573
#2	.49535	.50283	.49071	.49456	.50290	.49386

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/06/12 02:08:27 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25703	--	--	--	--	--	--
SDev	79.19596	--	--	--	--	--	--
%RSD	.3081195	--	--	--	--	--	--
#1	25759	--	--	--	--	--	--
#2	25647	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/06/12 14:08:30

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00638	.00094	.00424	.00038	.00047	.00363	.00021
SDev	.00104	.00129	.00089	.00014	.00016	.00036	.00000
%RSD	16.279	136.48	20.958	36.309	34.170	9.8222	.96470
#1	.00712	.00185	.00361	.00028	.00035	.00388	.00021
#2	.00565	.00003	.00486	.00048	.00058	.00338	.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01150	.00112	-.00020	.00055	-.00335	.00025	.00034
SDev	.00320	.00008	.00031	.00001	.00518	.00000	.00052
%RSD	27.818	7.3396	151.70	1.6983	154.70	.39499	152.83
#1	.00924	.00106	.00001	.00056	.00031	.00025	.00071
#2	.01377	.00118	-.00042	.00054	-.00702	.00025	-.00003

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	-.00283	.00038	.00138	.00049	-.03626	.00139
SDev	.00042	.00970	.00018	.00038	.00014	.05494	.00106
%RSD	82.299	342.36	48.266	27.667	28.413	151.52	76.235
#1	-.00021	.00403	.00025	.00165	.00039	.00259	.00215
#2	-.00081	-.00969	.00051	.00111	.00059	-.07510	.00064

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.02954	-.00033	.00019	.00202	.00055	.00068
SDev	.00022	.07766	.00148	.00007	.00088	.00015	.00012
%RSD	114.32	262.92	443.69	34.779	43.428	27.252	18.032
#1	-.00004	.08446	.00071	.00014	.00264	.00066	.00059
#2	-.00035	-.02538	-.00138	.00024	.00140	.00045	.00076

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.00045	-.00215	.00158	-.00120	-.00017
SDev	.00025	.00006	.00059	.00049	.00455	.00291
%RSD	28.152	14.264	27.260	30.689	379.05	1710.1
#1	.00070	.00040	-.00173	.00193	-.00442	.00189

#2	.00105	.00049	-.00256	.00124	.00202	-.00223

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26050	--	--	--	--	--	--
SDev	371.9382	--	--	--	--	--	--
%RSD	1.427786	--	--	--	--	--	--
#1	25787	--	--	--	--	--	--
#2	26313	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/06/12 14:12:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10248	.01190	.01153	.01042	.00527	.01177	.00518
SDev	.00258	.00132	.00170	.00007	.00004	.00000	.00020
%RSD	2.5168	11.077	14.755	.64003	.67588	.00819	3.8968
#1	.10066	.01284	.01273	.01038	.00529	.01177	.00533
#2	.10431	.01097	.01032	.01047	.00524	.01176	.00504

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09877	.01072	.01002	.01033	.11227	.00872	.01026
SDev	.00009	.00007	.00010	.00030	.00771	.00002	.00061
%RSD	.09054	.68260	1.0304	2.9484	6.8691	.25778	5.9066
#1	.09883	.01077	.01009	.01011	.11773	.00874	.01069
#2	.09870	.01067	.00995	.01054	.10682	.00870	.00983

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00972	.09211	.01033	.01085	.01089	.51495	.01019
SDev	.00296	.00487	.00002	.00048	.00053	.01500	.00155
%RSD	30.395	5.2865	.22033	4.4035	4.9115	2.9132	15.190
#1	.00763	.09555	.01035	.01118	.01127	.52555	.00910
#2	.01181	.08866	.01032	.01051	.01051	.50434	.01129

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00507	.68106	.53359	.00509	.01196	.01298	.01057
SDev	.00036	.04616	.00036	.00002	.00231	.00092	.00001
%RSD	7.0449	6.7780	.06691	.35049	19.353	7.0742	.13525
#1	.00532	.71371	.53384	.00507	.01360	.01363	.01056
#2	.00482	.64842	.53334	.00510	.01032	.01233	.01058

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01056	.01069	.00898	.01090	.00597	.01160

SDev	.00020	.00008	.00394	.00288	.00842	.00022
%RSD	1.9376	.78709	43.870	26.414	140.93	1.9286
#1	.01070	.01075	.00619	.01293	.00002	.01144
#2	.01041	.01063	.01176	.00886	.01193	.01176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25623	--	--	--	--	--	--
SDev	56.56854	--	--	--	--	--	--
%RSD	.2207725	--	--	--	--	--	--
#1	25583	--	--	--	--	--	--

#2	25663	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/06/12 14:16:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	485.44	-.00297	.00113	.00168	-.00008	-.00096	.00580
SDev	.51	.00165	.00222	.00001	.00004	.00019	.00017
%RSD	.10514	55.529	197.49	.30738	45.750	20.401	2.9952
#1	485.80	-.00414	.00270	.00168	-.00010	-.00109	.00593
#2	485.08	-.00181	-.00045	.00168	-.00005	-.00082	.00568

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	440.99	.00137	.00025	.01225	186.68	.00446	.01171
SDev	.27	.00006	.00023	.00006	.19	.00002	.00083
%RSD	.06157	4.1778	90.392	.51519	.10064	.43490	7.0568
#1	441.18	.00141	.00009	.01230	186.81	.00447	.01112
#2	440.80	.00133	.00042	.01221	186.54	.00444	.01229

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01204	494.10	-.00761	-.00170	.00118	.00968	.01065
SDev	.00290	.21	.00006	.00055	.00043	.00136	.00021
%RSD	24.100	.04331	.79338	32.535	36.382	14.044	1.9382
#1	-.01409	494.25	-.00757	-.00209	.00088	.01064	.01080
#2	-.00999	493.95	-.00766	-.00131	.00149	.00872	.01050

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00064	.16395	.14622	-.00866	.00226	-.00099	-.00222
SDev	.00007	.01666	.00111	.00000	.00633	.00256	.00003
%RSD	10.155	10.164	.76053	.05258	279.85	258.43	1.5537
#1	-.00069	.17574	.14544	-.00866	.00673	.00082	-.00225
#2	-.00060	.15217	.14701	-.00866	-.00221	-.00280	-.00220

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00454	.00215	-.08441	.05977	-.00467	-.01572
SDev	.00029	.00009	.00055	.00151	.00620	.00125
%RSD	6.4523	4.0260	.64622	2.5299	132.90	7.9564
#1	.00475	.00221	-.08403	.05870	-.00905	-.01661
#2	.00434	.00209	-.08480	.06084	-.00028	-.01484

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23904	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.3046790	--	--	--	--	--	--

#1	23853	--	--	--	--	--	--
#2	23956	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/06/12 14:20:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	499.55	1.0107	1.0060	1.0122	.47519	1.0190	.47228
SDev	.10	.0007	.0020	.0013	.00014	.0013	.00068
%RSD	.01942	.06935	.19430	.13321	.03019	.12706	.14307
#1	499.62	1.0112	1.0046	1.0131	.47509	1.0181	.47180
#2	499.49	1.0102	1.0074	1.0112	.47530	1.0199	.47275

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	451.57	.94087	.91706	1.0675	196.80	1.2404	.95802
SDev	.25	.00092	.00056	.0005	.03	.0013	.00282
%RSD	.05491	.09731	.06125	.04977	.01598	.10802	.29440
#1	451.39	.94022	.91746	1.0679	196.82	1.2414	.95603
#2	451.74	.94151	.91667	1.0671	196.78	1.2395	.96002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98188	507.14	.93519	.96799	.92541	14.009	.94836
SDev	.00079	.20	.00020	.00172	.00465	.021	.00096
%RSD	.08089	.04040	.02159	.17793	.50242	.15108	.10096
#1	.98132	507.00	.93533	.96677	.92213	14.024	.94904
#2	.98244	507.29	.93504	.96920	.92870	13.994	.94769

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52512	12.490	13.720	.49296	.95824	.98023	.97148
SDev	.00046	.004	.012	.00075	.00488	.00588	.00060

%RSD	.08744	.03533	.08523	.15169	.50941	.59932	.06191
#1	.52544	12.487	13.728	.49349	.96169	.98438	.97190
#2	.52480	12.493	13.712	.49243	.95479	.97608	.97105

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96438	.99216	.85801	1.0080	.98498	.98033
SDev	.00018	.00087	.00009	.0043	.00601	.00420
%RSD	.01874	.08785	.01052	.42418	.61011	.42803
#1	.96451	.99155	.85808	1.0050	.98923	.97736
#2	.96426	.99278	.85795	1.0110	.98073	.98330

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23432	--	--	--	--	--	--

SDev	19.09188	--	--	--	--	--	--
%RSD	.0814796	--	--	--	--	--	--
#1	23418	--	--	--	--	--	--
#2	23445	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 14:23:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8005	.49359	.49473	.49400	.50195	.49542	.50053
SDev	.0323	.00163	.00107	.00004	.00025	.00041	.00042
%RSD	1.1517	.33006	.21673	.00819	.05002	.08236	.08443
#1	2.7777	.49475	.49549	.49403	.50178	.49513	.50023
#2	2.8233	.49244	.49397	.49397	.50213	.49571	.50083

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.864	.49549	.49906	.49322	2.6859	.46072	.49891
SDev	.035	.00035	.00032	.00025	.0140	.00077	.00030
%RSD	.27001	.07021	.06395	.05025	.52175	.16638	.06058
#1	12.839	.49524	.49883	.49339	2.6760	.46126	.49913
#2	12.888	.49573	.49928	.49304	2.6958	.46018	.49870

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50089	5.3631	.49197	.50399	.50416	11.835	.92509
SDev	.00356	.0294	.00019	.00082	.00073	.015	.00040
%RSD	.71121	.54741	.03973	.16229	.14516	.12960	.04352
#1	.50341	5.3423	.49183	.50341	.50468	11.845	.92537
#2	.49837	5.3838	.49211	.50456	.50364	11.824	.92480

Analysis Report Blank Sample 01/06/12 02:27:45 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24561	12.322	11.671	.24803	.50671	.50886	.50100
SDev	.00026	.022	.018	.00014	.00419	.00135	.00012
%RSD	.10462	.18016	.15371	.05769	.82615	.26596	.02287
#1	.24543	12.338	11.683	.24793	.50967	.50981	.50092
#2	.24579	12.306	11.658	.24813	.50374	.50790	.50108

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50035	.50923	.49271	.50201	.50233	.50022
SDev	.00009	.00026	.00254	.00172	.00519	.00275
%RSD	.01697	.05080	.51494	.34301	1.0329	.54961
#1	.50029	.50905	.49092	.50323	.50600	.50217
#2	.50041	.50942	.49451	.50080	.49866	.49828

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25776	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1399098	--	--	--	--	--	--
#1	25801	--	--	--	--	--	--
#2	25750	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 14:27:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07201	.00154	.00192	.00042	.00050	.00199	.00036
SDev	.03919	.00115	.00080	.00021	.00013	.00003	.00003
%RSD	54.421	74.743	41.747	50.224	25.483	1.4921	8.6382
#1	.04430	.00236	.00135	.00027	.00041	.00201	.00034
#2	.09972	.00073	.00249	.00057	.00059	.00196	.00038

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08072	.00032	.00045	-.00016	.03405	.00031	-.00065
SDev	.04290	.00052	.00030	.00064	.00428	.00016	.00075
%RSD	53.143	165.02	65.309	394.63	12.557	51.023	115.51
#1	.05039	-.00005	.00066	-.00062	.03103	.00020	-.00012
#2	.11105	.00068	.00024	.00029	.03708	.00042	-.00119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00117	.07477	.00041	.00144	.00076	.00136	-.00339
SDev	.00118	.04226	.00022	.00020	.00054	.01533	.00069
%RSD	100.87	56.523	53.842	13.707	70.926	1131.1	20.397

#1	-.00033	.04489	.00025	.00130	.00114	-.00948	-.00388
#2	-.00200	.10465	.00056	.00159	.00038	.01219	-.00290

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.06576	.00563	.00020	.00074	.00101	.00044
SDev	.00000	.00963	.00366	.00011	.00261	.00155	.00034
%RSD	.01691	14.649	65.061	53.288	351.16	153.91	77.296
#1	.00021	.07257	.00304	.00012	-.00110	.00210	.00020
#2	.00021	.05895	.00822	.00027	.00259	-.00009	.00069

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00056	-.00231	.00018	-.00228	-.00061
SDev	.00036	.00014	.00476	.00125	.00775	.00211
%RSD	108.98	24.965	205.65	699.72	339.36	347.36
#1	.00008	.00046	.00105	-.00070	.00320	-.00210
#2	.00058	.00066	-.00568	.00106	-.00776	.00088

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25594	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0414426	--	--	--	--	--	--
#1	25586	--	--	--	--	--	--
#2	25601	--	--	--	--	--	--

Analysis Report 01/06/12 02:36:20 PM page 1

Method: 20076010 Sample Name: mb 600-69519/1-a Operator: SRP
Run Time: 01/06/12 14:32:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02327	.00332	.00064	.00288	.00017	.00141	.00007
SDev	.00162	.00116	.00021	.00002	.00001	.00001	.00004
%RSD	6.9640	34.871	33.186	.59102	8.0813	.39697	56.763
#1	.02213	.00250	.00079	.00287	.00016	.00141	.00010
#2	.02442	.00413	.00049	.00290	.00018	.00141	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03796	.00070	-.00011	.02625	.03244	-.00004	-.00021
SDev	.00050	.00002	.00033	.00026	.01135	.00000	.00082
%RSD	1.3228	3.1246	292.74	.98654	34.991	5.1448	390.82
#1	.03760	.00069	.00012	.02643	.04047	-.00004	-.00079
#2	.03831	.00072	-.00035	.02607	.02441	-.00004	.00037

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	-.00121	.00043	.00068	.00097	-.01924	.00727
SDev	.00140	.00067	.00003	.00088	.00051	.00395	.00068
%RSD	1621.4	55.076	6.8964	129.03	53.112	20.514	9.3867
#1	.00090	-.00169	.00045	.00131	.00133	-.01645	.00775
#2	-.00107	-.00074	.00041	.00006	.00060	-.02203	.00679

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.20663	.01977	.00070	-.00190	.03102	.00901
SDev	.00052	.00096	.00132	.00001	.00005	.00164	.00028
%RSD	209.70	.46546	6.6531	1.2828	2.8722	5.2931	3.1024
#1	.00062	.20595	.02070	.00070	-.00194	.03218	.00920
#2	-.00012	.20731	.01884	.00071	-.00186	.02986	.00881

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.01888	.00068	-.00066	-.00481	.00228
SDev	.00017	.00008	.00003	.00125	.00135	.00277
%RSD	52.500	.40595	5.0691	191.03	28.027	121.71
#1	.00020	.01882	.00070	-.00154	-.00576	.00423
#2	.00044	.01893	.00065	.00023	-.00386	.00032

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25622	--	--	--	--	--	--
SDev	113.8442	--	--	--	--	--	--
%RSD	.4443134	--	--	--	--	--	--

#1	25542	--	--	--	--	--	--
#2	25703	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69519/2-a Operator: SRP
Run Time: 01/06/12 14:36:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.777	.84939	1.2102	2.2314	1.3717	.77894	.67057
SDev	.179	.00650	.0019	.0047	.0024	.00055	.00083
%RSD	.26053	.76526	.15834	.21033	.17808	.07044	.12324
#1	68.904	.84479	1.2115	2.2347	1.3734	.77933	.67115
#2	68.651	.85398	1.2088	2.2281	1.3700	.77855	.66998

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.265	.93013	1.3008	1.0384	139.47	.07041	1.2185
SDev	.191	.00273	.0038	.0031	.33	.00012	.0036
%RSD	.21138	.29332	.28928	.30205	.23670	.17280	.29654
#1	90.399	.93206	1.3035	1.0406	139.70	.07050	1.2211
#2	90.130	.92820	1.2982	1.0362	139.24	.07033	1.2160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8069	34.400	4.6969	.91109	1.2509	40.191	1.7683
SDev	.0014	.084	.0108	.00383	.0059	.064	.0022
%RSD	.07898	.24393	.22914	.42009	.46804	.15982	.12613
#1	1.8079	34.460	4.7045	.91380	1.2550	40.236	1.7667
#2	1.8059	34.341	4.6893	.90839	1.2467	40.145	1.7698

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41277	3.6793	5.9705	2.3378	1.4536	1.4400	3.0776
SDev	.00102	.0075	.0082	.0051	.0111	.0014	.0063
%RSD	.24595	.20471	.13787	.21768	.76463	.09961	.20581
#1	.41349	3.6740	5.9763	2.3414	1.4615	1.4410	3.0821
#2	.41205	3.6847	5.9647	2.3342	1.4458	1.4389	3.0731

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55805	1.9088	1.1984	1.2286	1.8073	1.8067
SDev	.00112	.0022	.0042	.0033	.0004	.0020
%RSD	.20047	.11533	.34908	.27092	.01991	.10854

#1	.55884	1.9104	1.2013	1.2310	1.8076	1.8081
#2	.55726	1.9072	1.1954	1.2263	1.8071	1.8053

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/06/12 02:40:11 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27416	--	--	--	--	--	--
SDev	115.9655	--	--	--	--	--	--
%RSD	.4229848	--	--	--	--	--	--
#1	27334	--	--	--	--	--	--
#2	27498	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48361-a-1-a@10 Operator: SRP
Run Time: 01/06/12 14:40:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.970	.01205	.00646	2.1401	.00027	.00286	.00027
SDev	.065	.00438	.00035	.0028	.00001	.00029	.00019
%RSD	.12547	36.305	5.4377	.13255	3.9374	10.151	70.470
#1	52.017	.01515	.00621	2.1421	.00026	.00306	.00040
#2	51.924	.00896	.00671	2.1381	.00028	.00265	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7052	.01034	.00511	.12547	9.5522	.00082	.02776
SDev	.0032	.00008	.00012	.00054	.0096	.00002	.00016
%RSD	.08560	.75001	2.4105	.42684	.10098	1.7999	.58538
#1	3.7074	.01029	.00519	.12509	9.5590	.00081	.02788
#2	3.7029	.01040	.00502	.12585	9.5454	.00083	.02765

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	2.5358	.23389	.00219	.00889	.01407	1.2143
SDev	.00037	.0049	.00031	.00039	.00046	.00456	.0218
%RSD	20.788	.19517	.13320	17.880	5.2133	32.444	1.7949
#1	.00206	2.5323	.23411	.00192	.00922	.01084	1.1989
#2	.00154	2.5393	.23367	.00247	.00856	.01730	1.2297

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.05088	.07145	24.103	-.00055	.00627	.10055
SDev	.00014	.07046	.00105	.093	.00000	.00138	.00021
%RSD	539.70	138.48	1.4712	.38621	.73888	21.959	.20858
#1	.00013	.00106	.07071	24.168	-.00055	.00724	.10069
#2	-.00007	.10071	.07219	24.037	-.00056	.00529	.10040

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00712	.04760	.01625	.03352	.00536	.00002

SDev	.00018	.00004	.00074	.00012	.00112	.00000
%RSD	2.5451	.08600	4.5271	.36997	20.986	4.9878
#1	.00699	.04763	.01677	.03343	.00615	.00002

#2	.00725	.04757	.01573	.03361	.00456	.00002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25996	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0408001	--	--	--	--	--	--
#1	26004	--	--	--	--	--	--
#2	25989	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48360-a-1-a@10 Operator: SRP
Run Time: 01/06/12 14:44:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12223	.00142	.00358	.02165	.00021	.00549	.00007
SDev	.00239	.00318	.00000	.00008	.00002	.00003	.00004
%RSD	1.9527	224.47	.03833	.36966	7.9816	.53595	51.002
#1	.12392	.00367	.00358	.02170	.00020	.00551	.00010
#2	.12054	-.00083	.00358	.02159	.00022	.00547	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09846	.00038	.00042	.00448	.06833	-.00003	-.00008
SDev	.00037	.00002	.00037	.00016	.01717	.00000	.00053
%RSD	.37795	6.2975	88.304	3.6112	25.130	12.583	681.83
#1	.09872	.00036	.00068	.00459	.08047	-.00003	-.00045
#2	.09819	.00039	.00016	.00436	.05619	-.00004	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	-.01164	.00084	.00010	.00030	-.08918	.03623
SDev	.00067	.00001	.00003	.00022	.00013	.00779	.00942
%RSD	38.058	.08692	3.3450	227.19	43.156	8.7318	26.000
#1	.00128	-.01163	.00086	.00025	.00039	-.08368	.04289
#2	.00222	-.01165	.00082	-.00006	.00021	-.09469	.02957

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.15114	.03328	.03857	-.00281	.00719	.00068
SDev	.00051	.14910	.00031	.00036	.00083	.00185	.00016
%RSD	240.71	98.655	.94418	.92896	29.445	25.728	23.204
#1	.00057	.25657	.03350	.03883	-.00223	.00850	.00079
#2	-.00015	.04570	.03305	.03832	-.00340	.00589	.00057

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.01709	-.00046	.00011	.00416	.00054

SDev	.00008	.00034	.00119	.00020	.00078	.00061
%RSD	3754.0	1.9905	256.87	179.54	18.744	112.24
#1	-.00006	.01733	-.00130	-.00003	.00361	.00011
#2	.00006	.01685	.00038	.00026	.00471	.00097

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26242	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.1266420	--	--	--	--	--	--
#1	26219	--	--	--	--	--	--
#2	26266	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48360-a-2-a@10 Operator: SRP
Run Time: 01/06/12 14:47:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35170	.00154	.00291	.00254	.00020	.00137	-.00004
SDev	.00002	.00107	.00000	.00001	.00000	.00041	.00000
%RSD	.00611	69.321	.09266	.53675	.17180	29.792	6.5507
#1	.35168	.00229	.00291	.00253	.00020	.00108	-.00004
#2	.35171	.00078	.00291	.00255	.00020	.00166	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34169	.00072	.00007	.02162	.26916	.00003	-.00118
SDev	.00149	.00002	.00021	.00001	.00588	.00003	.00046
%RSD	.43540	2.7971	312.94	.03921	2.1866	105.84	38.767
#1	.34274	.00071	-.00008	.02162	.27332	.00005	-.00086
#2	.34064	.00073	.00022	.02161	.26500	.00001	-.00151

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.93658	.00591	.00045	.00047	-.09328	.23397
SDev	.00007	.00573	.00001	.00016	.00010	.01695	.00092
%RSD	14.159	.61200	.15607	36.337	20.411	18.175	.39381
#1	.00045	.94063	.00591	.00033	.00040	-.08129	.23462
#2	.00055	.93253	.00590	.00056	.00054	-.10527	.23332

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.14877	.08377	.00232	-.00341	.00515	.00132
SDev	.00003	.03981	.00142	.00001	.00105	.00216	.00005
%RSD	15.352	26.761	1.6987	.24294	30.672	41.970	3.9113
#1	-.00023	.12062	.08478	.00232	-.00267	.00668	.00136
#2	-.00019	.17692	.08276	.00232	-.00415	.00362	.00128

Analysis Report 01/06/12 02:51:43 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00202	.01724	-.00223	-.00066	.00380	-.00115
SDev	.00036	.00010	.00084	.00027	.00012	.00016
%RSD	17.596	.58613	37.662	40.638	3.0461	14.187
#1	.00228	.01731	-.00164	-.00047	.00388	-.00127
#2	.00177	.01717	-.00283	-.00085	.00372	-.00104

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26252	--	--	--	--	--	--
SDev	159.8061	--	--	--	--	--	--
%RSD	.6087389	--	--	--	--	--	--
#1	26139	--	--	--	--	--	--
#2	26365	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48360-a-3-a@10 Operator: SRP
Run Time: 01/06/12 14:51:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52336	.01527	.01983	.01268	.00283	.00273	.00741
SDev	.00245	.00251	.00031	.00004	.00002	.00006	.00017
%RSD	.46824	16.420	1.5842	.31921	.56418	2.3803	2.3171
#1	.52510	.01350	.01961	.01271	.00284	.00269	.00754
#2	.52163	.01705	.02006	.01265	.00282	.00278	.00729

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6594	.02449	.00279	385.58	14.596	.00066	.48278
SDev	.0130	.00018	.00000	.60	.036	.00010	.00239
%RSD	.27977	.74838	.02658	.15617	.24334	14.805	.49422
#1	4.6686	.02462	.00279	386.01	14.621	.00059	.48447
#2	4.6501	.02436	.00279	385.15	14.571	.00073	.48109

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00196	2.3943	.08631	.00675	.13719	.16834	.26756
SDev	.00280	.0046	.00017	.00019	.00047	.00313	.00080
%RSD	142.93	.19277	.19791	2.8569	.34491	1.8589	.29780
#1	.00002	2.3975	.08643	.00689	.13686	.17055	.26812
#2	-.00394	2.3910	.08619	.00662	.13753	.16612	.26700

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05094	11.869	.16965	.00256	-.00134	.58234	.02868
SDev	.00055	.119	.00097	.00001	.00172	.00044	.00007

Analysis Report 01/06/12 02:55:34 PM page 7

%RSD	1.0698	1.0042	.56882	.20377	128.24	.07516	.25310
#1	.05132	11.784	.17033	.00255	-.00013	.58265	.02873
#2	.05055	11.953	.16897	.00256	-.00256	.58203	.02862

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00391	36.026	.46826	.49004	-.00211	-.00188
SDev	.00009	.063	.00115	.00300	.00430	.00205
%RSD	2.2373	.17515	.24533	.61314	203.44	108.97
#1	.00397	36.070	.46908	.49216	.00093	-.00043
#2	.00385	35.981	.46745	.48792	-.00516	-.00334

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25864	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--
%RSD	.0546788	--	--	--	--	--	--
#1	25874	--	--	--	--	--	--
#2	25854	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48360-a-4-a@10 Operator: SRP
Run Time: 01/06/12 14:55:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34100	.01250	.01261	.00618	.00074	.00196	.00202
SDev	.00139	.00491	.00086	.00002	.00001	.00031	.00024
%RSD	.40756	39.283	6.8052	.31189	1.2972	15.787	12.108
#1	.34002	.01598	.01201	.00620	.00075	.00174	.00185
#2	.34199	.00903	.01322	.00617	.00073	.00218	.00220

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26903	.11378	.01251	381.29	95.686	.00073	.98559
SDev	.00134	.00032	.00024	1.52	.123	.00010	.00064
%RSD	.49970	.28562	1.9322	.39878	.12894	13.648	.06455
#1	.26808	.11355	.01234	380.22	95.599	.00066	.98514
#2	.26998	.11401	.01268	382.37	95.774	.00080	.98604

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00553	.21817	.91790	.01841	.24202	-.03779	.40787
SDev	.00277	.00421	.00087	.00042	.00041	.02026	.00215
%RSD	49.979	1.9281	.09454	2.2721	.16962	53.600	.52774
#1	-.00749	.21520	.91728	.01870	.24231	-.05212	.40634
#2	-.00358	.22115	.91851	.01811	.24173	-.02347	.40939

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03552	11.096	.09938	.00201	-.00249	.50742	.40667
SDev	.00039	.084	.00179	.00002	.00117	.00137	.00001
%RSD	1.1053	.75822	1.7972	.77772	47.070	.27007	.00282
#1	.03524	11.037	.09811	.00202	-.00166	.50645	.40666
#2	.03580	11.156	.10064	.00200	-.00332	.50839	.40668

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01572	35.846	.96647	.99516	-.00324	-.00668
SDev	.00004	.303	.00080	.00056	.00556	.00137
%RSD	.27779	.84642	.08236	.05589	171.70	20.492
#1	.01575	35.631	.96591	.99476	-.00717	-.00765
#2	.01569	36.060	.96703	.99555	.00069	-.00571

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26006	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.3072545	--	--	--	--	--	--
#1	26062	--	--	--	--	--	--
#2	25949	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48360-a-5-a@10 Operator: SRP
Run Time: 01/06/12 14:59:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82348	-.00097	.00557	.01828	.00044	.01974	.00007
SDev	.00165	.00037	.00118	.00001	.00002	.00010	.00010
%RSD	.20064	37.700	21.246	.06791	5.2576	.48081	146.63
#1	.82231	-.00123	.00473	.01827	.00045	.01967	.00014
#2	.82465	-.00071	.00641	.01828	.00042	.01981	-.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	124.68	.00209	.22619	9.7056	2.0060	.34381	.01313
SDev	.04	.00012	.00038	.0272	.0117	.00111	.00013
%RSD	.03566	5.8726	.16693	.28012	.58554	.32334	.95141
#1	124.65	.00218	.22592	9.6864	2.0143	.34303	.01304
#2	124.72	.00200	.22646	9.7249	1.9977	.34460	.01322

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	10.746	.25765	-.00032	.00441	.05586	.43417
SDev	.00057	.012	.00019	.00082	.00034	.00718	.00001
%RSD	435.45	.11222	.07208	256.15	7.6517	12.855	.00232

#1	-.00053	10.737	.25752	.00026	.00417	.06094	.43418

#2	.00027	10.754	.25779	-.00090	.00465	.05078	.43416
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.49163	.29581	.09737	-.00738	.01342	.02986
SDev	.00023	.03876	.00019	.00029	.00258	.00034	.00001
%RSD	50.907	7.8830	.06338	.29891	35.007	2.5268	.01878
#1	.00061	.51904	.29568	.09717	-.00555	.01318	.02985
#2	.00029	.46423	.29595	.09758	-.00921	.01365	.02986

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	3.1363	.01225	.01357	.00126	-.00083
SDev	.00018	.0001	.00003	.00017	.00417	.00123
%RSD	15.566	.00285	.26847	1.2596	330.51	149.02
#1	.00131	3.1363	.01222	.01345	-.00169	.00004
#2	.00105	3.1364	.01227	.01369	.00421	-.00170

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25828	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0191639	--	--	--	--	--	--
#1	25832	--	--	--	--	--	--
#2	25825	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48360-a-6-a@10 Operator: SRP
Run Time: 01/06/12 15:03:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.996	.00044	.00533	.03606	.00169	.10046	.00005
SDev	.066	.00112	.00212	.00006	.00004	.00036	.00003
%RSD	.31538	253.48	39.841	.15542	2.1373	.35911	57.033
#1	21.043	.00123	.00383	.03602	.00172	.10020	.00003
#2	20.949	-.00035	.00683	.03610	.00166	.10071	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.712	.01924	.00457	1.7304	3.5657	.05264	.00569
SDev	.255	.00042	.00002	.0006	.0057	.00003	.00106
%RSD	.29790	2.1862	.36030	.03666	.16091	.05549	18.604
#1	85.531	.01895	.00456	1.7299	3.5617	.05262	.00494
#2	85.892	.01954	.00458	1.7308	3.5698	.05266	.00643

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00252	1.2519	.26001	.00028	.00161	6.1586	.31605
SDev	.00123	.0053	.00082	.00053	.00004	.0222	.00128
%RSD	48.995	.42369	.31557	192.45	2.7289	.36059	.40644

#1	-.00165	1.2481	.25943	.00065	.00164	6.1429	.31514
#2	-.00339	1.2556	.26059	-.00010	.00158	6.1743	.31695

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	13.767	13.123	.31156	-.00323	.00510	.44961
SDev	.00023	.101	.056	.00034	.00065	.00013	.00108
%RSD	116.80	.73407	.42942	.10991	20.011	2.5607	.24091

#1	-.00003	13.838	13.163	.31132	-.00368	.00501	.44885
#2	-.00036	13.695	13.083	.31180	-.00277	.00519	.45038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00416	.54440	-.00031	.00868	-.00205	-.00275
SDev	.00002	.00249	.00094	.00206	.00251	.00060
%RSD	.39465	.45679	304.80	23.707	122.10	21.713

#1	.00415	.54264	.00036	.00723	-.00028	-.00233
#2	.00417	.54616	-.00098	.01014	-.00383	-.00318

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25837	--	--	--	--	--	--
SDev	135.7645	--	--	--	--	--	--
%RSD	.5254654	--	--	--	--	--	--

#1	25933	--	--	--	--	--	--
#2	25741	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48360-a-7-a@10 Operator: SRP
Run Time: 01/06/12 15:07:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.263	-.00064	.00155	6.0033	.00028	.00305	.00019
SDev	.052	.00022	.00217	.0004	.00000	.00032	.00001
%RSD	.27041	34.510	140.41	.00691	.57579	10.354	3.3230

#1	19.300	-.00049	.00308	6.0030	.00028	.00327	.00018
#2	19.226	-.00080	.00001	6.0036	.00028	.00282	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4576	.01046	.00299	.09046	13.847	.00540	.00121
SDev	.0029	.00027	.00025	.00008	.011	.00003	.00013
%RSD	.19943	2.5689	8.4507	.09317	.07619	.54244	10.893

#1	1.4597	.01065	.00317	.09052	13.854	.00542	.00130
#2	1.4555	.01027	.00281	.09040	13.839	.00538	.00112

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00021	2.3392	.13344	.00502	.00855	5.0905	.50834
SDev	.00115	.0027	.00014	.00054	.00065	.0120	.00064
%RSD	561.67	.11479	.10300	10.789	7.6077	.23571	.12557
#1	.00102	2.3411	.13354	.00463	.00809	5.0990	.50789
#2	-.00061	2.3373	.13334	.00540	.00901	5.0821	.50879

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	12.222	11.208	.11142	-.00094	.00740	.29716
SDev	.00006	.018	.034	.00002	.00231	.00121	.00076
%RSD	71.464	.14666	.30617	.01727	245.34	16.388	.25463
#1	-.00004	12.209	11.232	.11140	-.00257	.00654	.29663
#2	-.00012	12.235	11.183	.11143	.00069	.00825	.29770

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00362	1.7419	-.00287	.00325	.00288	-.00113
SDev	.00017	.0010	.00098	.00069	.00346	.00000
%RSD	4.7131	.05660	34.201	21.173	120.39	.02729
#1	.00374	1.7426	-.00356	.00374	.00533	-.00113
#2	.00350	1.7412	-.00217	.00276	.00043	-.00113

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25604	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0414248	--	--	--	--	--	--
#1	25612	--	--	--	--	--	--
#2	25597	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 15:11:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5850	.49668	.49570	.49732	.49473	.49359	.50253
SDev	.0020	.00389	.00455	.00178	.00196	.00137	.00103
%RSD	.07738	.78292	.91783	.35709	.39628	.27721	.20456
#1	2.5864	.49943	.49892	.49858	.49611	.49456	.50326
#2	2.5835	.49393	.49249	.49607	.49334	.49262	.50180

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.599	.49322	.49633	.48809	2.5955	.46328	.49758
SDev	.050	.00209	.00223	.00173	.0110	.00132	.00158
%RSD	.39812	.42410	.44926	.35395	.42502	.28477	.31671
#1	12.634	.49470	.49791	.48931	2.6033	.46421	.49869
#2	12.563	.49174	.49475	.48687	2.5877	.46235	.49647

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49631	5.0745	.49023	.50037	.50759	11.899	.92548
SDev	.00056	.0177	.00222	.00037	.00221	.031	.00088
%RSD	.11174	.34914	.45316	.07366	.43556	.26012	.09520
#1	.49591	5.0870	.49180	.50011	.50916	11.921	.92610
#2	.49670	5.0620	.48865	.50063	.50603	11.877	.92485

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24562	12.419	11.723	.24960	.50581	.50983	.49945
SDev	.00128	.062	.022	.00084	.00130	.00220	.00192
%RSD	.51996	.49798	.18978	.33721	.25644	.43128	.38522
#1	.24653	12.375	11.739	.25020	.50672	.51139	.50081
#2	.24472	12.463	11.707	.24901	.50489	.50828	.49809

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49734	.50978	.48960	.50157	.49454	.49724
SDev	.00166	.00240	.00458	.00008	.00250	.00042
%RSD	.33410	.47000	.93466	.01510	.50528	.08400
#1	.49851	.51148	.49284	.50162	.49278	.49754
#2	.49616	.50809	.48637	.50151	.49631	.49695

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25228	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1737776	--	--	--	--	--	--
#1	25197	--	--	--	--	--	--
#2	25259	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 15:14:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03962	.00100	.00221	.00033	.00029	.00144	.00032
SDev	.00134	.00475	.00175	.00003	.00009	.00039	.00020

%RSD	3.3787	476.29	79.283	8.8693	31.006	27.120	61.199
#1	.04057	-.00236	.00097	.00031	.00035	.00116	.00046
#2	.03868	.00436	.00345	.00036	.00022	.00172	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03288	.00061	.00083	.00043	.03756	.00049	-.00064
SDev	.01128	.00083	.00000	.00078	.00863	.00005	.00014
%RSD	34.301	137.37	.49564	179.21	22.970	10.344	21.905

#1	.04085	.00002	.00084	-.00012	.03146	.00053	-.00074
#2	.02490	.00119	.00083	.00098	.04366	.00046	-.00054

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.03311	.00031	.00126	.00074	.04914	-.00136
SDev	.00039	.00291	.00003	.00042	.00017	.03902	.00336
%RSD	84.572	8.7961	9.5964	33.552	23.360	79.406	246.44

#1	.00073	.03517	.00029	.00155	.00062	.02155	-.00374
#2	.00018	.03105	.00034	.00096	.00087	.07674	.00101

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.21838	.00729	.00017	.00106	.00251	.00054
SDev	.00009	.11066	.00108	.00001	.00257	.00123	.00013
%RSD	25.044	50.675	14.825	6.0525	242.06	48.907	23.943

#1	.00029	.14013	.00806	.00016	-.00076	.00338	.00045
#2	.00041	.29663	.00653	.00018	.00288	.00164	.00064

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00268	-.00140	-.00027	.00447	-.00154
SDev	.00072	.00008	.00175	.00066	.00130	.00007
%RSD	122.68	2.8703	125.18	247.38	29.054	4.2873

#1	.00008	.00263	-.00263	.00020	.00539	-.00159
#2	.00109	.00274	-.00016	-.00074	.00355	-.00150

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25316	--	--	--	--	--	--
SDev	173.2412	--	--	--	--	--	--
%RSD	.6843014	--	--	--	--	--	--

#1	25439	--	--	--	--	--	--
#2	25194	--	--	--	--	--	--

Analysis Report 01/06/12 03:23:26 PM page 1

Method: 20076010 Sample Name: 600-48304-c-1-a Operator: SRP
Run Time: 01/06/12 15:19:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1093.5	.43740	7.2036	17.634	.02049	.07033	-.00698
SDev	.5	.00513	.0242	.001	.00006	.00071	.00062
%RSD	.04892	1.1728	.33662	.00466	.31966	1.0031	8.8351

#1	1093.1	.43377	7.1865	17.635	.02044	.06984	-.00654
#2	1093.9	.44102	7.2207	17.633	.02054	.07083	-.00742

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.428	.17100	.56566	.33859	38.959	.37827	.54841

SDev	.034	.00066	.00087	.00012	.043	.00038	.00079
%RSD	.25500	.38681	.15445	.03451	.11066	.10090	.14353
#1	13.404	.17054	.56504	.33850	38.989	.37854	.54785
#2	13.452	.17147	.56628	.33867	38.928	.37800	.54896

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09386	39.387	1.4971	.13178	4.0031	8.0020	1.7736
SDev	.00025	.070	.0033	.00292	.0229	.0071	.0052
%RSD	.26526	.17805	.21777	2.2142	.57229	.08930	.29236
#1	-.09368	39.337	1.4948	.13384	3.9869	8.0071	1.7699
#2	-.09403	39.436	1.4994	.12972	4.0193	7.9970	1.7772

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09787	39.497	42.875	.74778	-.28083	.02609	5.9460
SDev	.00116	.307	.068	.00048	.01015	.00876	.0081
%RSD	1.1856	.77752	.15777	.06464	3.6147	33.587	.13645
#1	-.09705	39.714	42.923	.74812	-.27366	.03229	5.9403
#2	-.09869	39.280	42.827	.74743	-.28801	.01989	5.9518

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.756	.89161	.41650	.61436	-.29440	.00641
SDev	.021	.00207	.00781	.00509	.01493	.00709
%RSD	.13412	.23193	1.8758	.82803	5.0723	110.61
#1	15.741	.89015	.42202	.61077	-.28384	.00140
#2	15.771	.89308	.41097	.61796	-.30496	.01143

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26816	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--
%RSD	.0263688	--	--	--	--	--	--

#1	26821	--	--	--	--	--	--
#2	26811	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48304-c-1-b du Operator: SRP
Run Time: 01/06/12 15:23:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1075.5	.48576	7.0321	17.058	.02038	.06976	-.00687
SDev	1.5	.00039	.0143	.009	.00003	.00041	.00009
%RSD	.13682	.08024	.20287	.05014	.17012	.58964	1.2588
#1	1076.5	.48604	7.0422	17.064	.02036	.06947	-.00681
#2	1074.4	.48549	7.0220	17.052	.02041	.07005	-.00693

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.874	.18028	.58169	.37331	39.323	.37586	.55265
SDev	.027	.00017	.00111	.00019	.101	.00015	.00098
%RSD	.19745	.09470	.19133	.05016	.25783	.03903	.17744
#1	13.893	.18040	.58248	.37318	39.395	.37596	.55196
#2	13.855	.18016	.58090	.37345	39.251	.37575	.55335

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.08633	41.241	1.1752	.13181	4.1844	8.0293	2.0003
SDev	.00081	.056	.0015	.00230	.0037	.0145	.0001
%RSD	.93678	.13543	.13020	1.7462	.08879	.18027	.00276
#1	-.08690	41.281	1.1763	.13344	4.1818	8.0395	2.0003
#2	-.08576	41.202	1.1741	.13018	4.1870	8.0190	2.0002

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09641	39.181	42.610	.74758	-.27789	.02223	5.7053
SDev	.00018	.007	.018	.00048	.00103	.00216	.0046
%RSD	.18813	.01894	.04124	.06408	.37054	9.7284	.08127
#1	-.09628	39.176	42.623	.74792	-.27716	.02376	5.7086
#2	-.09654	39.187	42.598	.74724	-.27862	.02070	5.7020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.566	.90855	.40809	.62494	-.29228	.01664
SDev	.015	.00106	.00562	.00134	.01529	.00643
%RSD	.09530	.11705	1.3775	.21438	5.2327	38.663
#1	15.576	.90930	.40412	.62588	-.30310	.02119
#2	15.555	.90780	.41207	.62399	-.28147	.01209

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/06/12 03:27:17 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26950	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.2125217	--	--	--	--	--	--
#1	26910	--	--	--	--	--	--
#2	26991	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48304-c-1-c ms Operator: SRP
Run Time: 01/06/12 15:27:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1118.0	.63462	7.5150	17.616	.44316	.79802	.41236
SDev	3.3	.00928	.0024	.045	.00062	.00164	.00049
%RSD	.29138	1.4625	.03156	.25600	.13954	.20494	.11940

#1	1120.3	.62806	7.5133	17.648	.44360	.79918	.41271
#2	1115.7	.64118	7.5167	17.584	.44273	.79687	.41201
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.401	1.0059	1.4458	1.6332	49.059	.93346	1.3995
SDev	.034	.0014	.0025	.0035	.156	.00253	.0007
%RSD	.15263	.13922	.17603	.21676	.31778	.27062	.05238
#1	22.425	1.0069	1.4476	1.6357	49.170	.93525	1.3990
#2	22.377	1.0049	1.4440	1.6307	48.949	.93168	1.4000
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24657	49.142	2.1310	.90935	5.2316	20.379	2.0489
SDev	.00029	.097	.0034	.00098	.0184	.044	.0015
%RSD	.11604	.19763	.15853	.10795	.35149	.21694	.07171
#1	.24678	49.210	2.1334	.90866	5.2446	20.411	2.0500
#2	.24637	49.073	2.1286	.91005	5.2186	20.348	2.0479
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35490	52.728	55.110	1.2154	.54023	.81260	6.0065
SDev	.00167	.086	.162	.0027	.00862	.00824	.0126
%RSD	.47142	.16224	.29348	.21918	1.5961	1.0146	.21054
#1	.35608	52.788	55.225	1.2173	.54633	.81843	6.0155
#2	.35372	52.667	54.996	1.2135	.53414	.80677	5.9976
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	16.507	1.8813	1.2637	1.4674	.04096	.34938	
SDev	.032	.0036	.0038	.0008	.00546	.00230	
%RSD	.19422	.19030	.30278	.05545	13.323	.65816	
#1	16.530	1.8838	1.2610	1.4680	.04482	.34775	

#2	16.484	1.8788	1.2664	1.4668	.03710	.35101	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27684	--	--	--	--	--	--
SDev	101.1163	--	--	--	--	--	--
%RSD	.3652451	--	--	--	--	--	--
#1	27613	--	--	--	--	--	--
#2	27756	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48304-c-1-d msd Operator: SRP
Run Time: 01/06/12 15:31:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1148.9	.61504	7.7080	17.881	.44695	.80083	.41402
SDev	2.2	.00209	.0010	.025	.00034	.00017	.00022

%RSD	.18783	.33908	.01328	.14006	.07671	.02123	.05266
#1	1150.4	.61651	7.7073	17.898	.44719	.80095	.41387
#2	1147.4	.61356	7.7087	17.863	.44671	.80071	.41418

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.746	1.0171	1.4754	1.4700	49.375	.95231	1.4191
SDev	.009	.0006	.0015	.0025	.083	.00120	.0007
%RSD	.03979	.05933	.10176	.17224	.16719	.12649	.04999
#1	22.752	1.0167	1.4764	1.4718	49.433	.95316	1.4186
#2	22.739	1.0175	1.4743	1.4682	49.317	.95145	1.4196

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24929	48.222	2.0818	.90967	5.1679	20.725	2.2554
SDev	.00068	.054	.0015	.00140	.0061	.008	.0033
%RSD	.27241	.11276	.07104	.15411	.11812	.03990	.14567
#1	.24977	48.260	2.0828	.90868	5.1722	20.731	2.2531
#2	.24881	48.184	2.0807	.91066	5.1636	20.719	2.2577

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35578	54.784	56.839	1.2348	.53843	.82233	6.1438
SDev	.00062	.326	.082	.0010	.00611	.01022	.0053
%RSD	.17471	.59574	.14361	.08013	1.1354	1.2426	.08582
#1	.35622	55.015	56.897	1.2355	.54276	.82955	6.1476
#2	.35534	54.553	56.781	1.2341	.53411	.81510	6.1401

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.574	1.8399	1.2819	1.4876	.05863	.34462

SDev	.017	.0028	.0016	.0019	.00978	.00387
%RSD	.10291	.15422	.12343	.12472	16.679	1.1231
#1	16.586	1.8419	1.2831	1.4863	.06554	.34189
#2	16.562	1.8379	1.2808	1.4889	.05171	.34736

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27742	--	--	--	--	--	--
SDev	89.80256	--	--	--	--	--	--
%RSD	.3237120	--	--	--	--	--	--
#1	27678	--	--	--	--	--	--
#2	27805	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48304-c-1-a Operator: SRP
Run Time: 01/06/12 15:35:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1063.2	1.3519	7.8362	18.119	.46417	.98843	.44040
SDev	.4	.0097	.0104	.012	.00025	.00012	.00007
%RSD	.03928	.71444	.13290	.06526	.05345	.01209	.01683
#1	1062.9	1.3450	7.8289	18.110	.46434	.98834	.44045
#2	1063.5	1.3587	7.8436	18.127	.46399	.98851	.44035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.704	1.0461	1.4177	1.2959	46.179	1.5211	1.4076
SDev	.007	.0001	.0002	.0022	.065	.0039	.0032
%RSD	.03024	.00569	.01092	.16952	.13980	.25350	.22966
#1	21.709	1.0460	1.4176	1.2943	46.225	1.5184	1.4099
#2	21.700	1.0461	1.4178	1.2974	46.133	1.5238	1.4054

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78376	46.480	2.3161	1.0211	4.7395	20.095	2.5733
SDev	.00996	.005	.0004	.0009	.0335	.044	.0013
%RSD	1.2702	.01168	.01842	.08533	.70638	.22085	.04929
#1	.79080	46.484	2.3164	1.0205	4.7159	20.063	2.5742
#2	.77672	46.476	2.3158	1.0217	4.7632	20.126	2.5724

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38327	50.206	53.199	1.1929	.62053	.93643	6.6725
SDev	.00075	.155	.118	.0010	.00202	.00404	.0015
%RSD	.19521	.30897	.22145	.08391	.32600	.43201	.02246
#1	.38380	50.316	53.116	1.1922	.62196	.93929	6.6714
#2	.38274	50.096	53.283	1.1936	.61909	.93357	6.6735

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.088	1.7668	1.2667	1.4781	.59462	.87833
SDev	.001	.0007	.0034	.0031	.00422	.01704
%RSD	.00551	.04051	.27017	.21230	.70983	1.9405
#1	16.087	1.7663	1.2691	1.4803	.59163	.89038
#2	16.089	1.7673	1.2643	1.4759	.59760	.86628

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27644	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.0690621	--	--	--	--	--	--
#1	27631	--	--	--	--	--	--
#2	27658	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48304-c-1-a@5 Operator: SRP
Run Time: 01/06/12 15:38:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	302.09	.11306	1.6739	4.1133	.00491	.01850	-.00171
SDev	.80	.00348	.0073	.0097	.00002	.00061	.00012
%RSD	.26412	3.0817	.43654	.23588	.48307	3.3145	7.2478
#1	302.65	.11552	1.6790	4.1202	.00493	.01893	-.00179
#2	301.52	.11059	1.6687	4.1064	.00489	.01807	-.00162

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2990	.04067	.13193	.07649	9.3399	.07352	.12845
SDev	.0131	.00025	.00050	.00049	.0327	.00015	.00233
%RSD	.39848	.61218	.37896	.63781	.35041	.20166	1.8112
#1	3.3083	.04084	.13228	.07683	9.3630	.07362	.12680
#2	3.2897	.04049	.13157	.07614	9.3167	.07341	.13009

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02038	9.4561	.35340	.03175	.95453	1.5182	.47715
SDev	.00174	.0330	.00106	.00123	.00025	.0173	.00560
%RSD	8.5509	.34909	.29974	3.8796	.02578	1.1374	1.1733
#1	-.01914	9.4795	.35414	.03262	.95470	1.5304	.48111
#2	-.02161	9.4328	.35265	.03088	.95435	1.5060	.47319

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02291	7.5156	8.3504	.17116	-.06802	.00482	1.3941
SDev	.00010	.0553	.0198	.00041	.00141	.00074	.0051

%RSD	.44818	.73554	.23755	.23921	2.0760	15.301	.36550
#1	-.02299	7.5547	8.3644	.17145	-.06703	.00535	1.3977
#2	-.02284	7.4765	8.3364	.17087	-.06902	.00430	1.3905

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6869	.21520	.06733	.15900	-.06375	.00131
SDev	.0141	.00097	.00157	.00270	.00643	.00060
%RSD	.38178	.44897	2.3304	1.7013	10.095	46.103
#1	3.6968	.21588	.06622	.15709	-.05920	.00088
#2	3.6769	.21452	.06844	.16092	-.06830	.00174

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26064	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.1926167	--	--	--	--	--	--
#1	26029	--	--	--	--	--	--
#2	26100	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-5-a@10 Operator: SRP
Run Time: 01/06/12 15:42:46
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.2621	.35360	.36961	.10705	.00061	.00537	.12255
SDev	.0330	.00277	.00335	.00037	.00002	.00043	.00054
%RSD	.39891	.78253	.90706	.34581	3.2758	8.0658	.43896
#1	8.2854	.35555	.37198	.10731	.00063	.00568	.12293
#2	8.2388	.35164	.36724	.10679	.00060	.00507	.12217

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	153.24	.01350	.00787	.07014	11.604	.00489	23.079
SDev	.70	.00013	.00013	.00011	.059	.00003	.076
%RSD	.45740	.92632	1.6322	.15954	.50430	.57521	.32983
#1	153.74	.01341	.00778	.07006	11.645	.00491	23.133
#2	152.74	.01358	.00796	.07022	11.563	.00487	23.025

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00245	8.2642	.64394	.00146	.14227	.95401	.77727
SDev	.00069	.0319	.00251	.00017	.00093	.00680	.00508
%RSD	28.105	.38638	.39009	11.961	.65532	.71242	.65396
#1	.00196	8.2868	.64572	.00158	.14293	.95882	.78086
#2	.00293	8.2416	.64217	.00133	.14162	.94921	.77368

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.38306	.30845	.28702	-.00390	.13382	.02769
SDev	.00009	.08329	.00107	.00081	.00044	.00122	.00015
%RSD	50.662	21.744	.34589	.28143	11.263	.90963	.53543
#1	.00024	.44195	.30920	.28759	-.00359	.13296	.02780
#2	.00011	.32416	.30770	.28644	-.00421	.13468	.02759

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03793	.05326	22.809	23.214	.00186	.00274
SDev	.00028	.00016	.103	.062	.00241	.00224
%RSD	.73492	.29952	.45344	.26910	129.63	81.748
#1	.03813	.05338	22.882	23.258	.00357	.00116
#2	.03773	.05315	22.736	23.170	.00016	.00432

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25044	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0141170	--	--	--	--	--	--
#1	25042	--	--	--	--	--	--
#2	25047	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48312-a-18-a@10 Operator: SRP

Run Time: 01/06/12 15:46:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.753	.33871	.26193	.62870	.00091	.01889	.08484
SDev	.045	.00121	.00377	.00331	.00002	.00071	.00068
%RSD	.38354	.35883	1.4385	.52575	1.7407	3.7508	.79944
#1	11.785	.33957	.25927	.63103	.00090	.01939	.08436
#2	11.721	.33785	.26460	.62636	.00093	.01839	.08532

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.591	.02621	.00816	.31176	38.546	.00704	41.736
SDev	.346	.00003	.00059	.00143	.120	.00004	.074
%RSD	.36540	.12697	7.2489	.45913	.31132	.53826	.17710
#1	94.346	.02619	.00774	.31277	38.462	.00707	41.684
#2	94.835	.02624	.00858	.31074	38.631	.00702	41.789

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00743	2.0294	.63923	.00509	.03855	1.2614	.93385
SDev	.00135	.0086	.00072	.00054	.00041	.0013	.00250
%RSD	18.136	.42284	.11319	10.695	1.0675	.10377	.26804

#1	.00648	2.0233	.63872	.00548	.03826	1.2605	.93562
#2	.00839	2.0355	.63974	.00471	.03885	1.2624	.93208

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	.99546	.77554	.30551	-.00162	.27632	.03168
SDev	.00092	.21858	.00411	.00143	.00197	.00048	.00002
%RSD	78.264	21.958	.52998	.46846	121.48	.17464	.04716
#1	.00053	.84090	.77845	.30652	-.00023	.27598	.03169
#2	.00183	1.1500	.77264	.30449	-.00301	.27667	.03167

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05112	.26841	41.109	42.050	.00887	.00672
SDev	.00003	.00006	.037	.092	.00380	.00012
%RSD	.05219	.02310	.09066	.21935	42.829	1.8363
#1	.05110	.26845	41.082	41.985	.00618	.00663
#2	.05114	.26836	41.135	42.115	.01155	.00680

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25536	--	--	--	--	--	--
SDev	161.9275	--	--	--	--	--	--
%RSD	.6341268	--	--	--	--	--	--
#1	25421	--	--	--	--	--	--
#2	25650	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 15:50:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4948	.49459	.49001	.49636	.48720	.48877	.49756
SDev	.0037	.00059	.00419	.00026	.00211	.00092	.00274
%RSD	.14700	.11876	.85519	.05163	.43341	.18857	.55080
#1	2.4974	.49418	.49298	.49618	.48870	.48942	.49950
#2	2.4922	.49501	.48705	.49654	.48571	.48812	.49562

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.362	.48633	.48972	.48493	2.5303	.46179	.49260
SDev	.074	.00188	.00260	.00005	.0207	.00017	.00457
%RSD	.59988	.38611	.53048	.00940	.81657	.03702	.92810
#1	12.414	.48766	.49156	.48497	2.5450	.46167	.49583
#2	12.309	.48501	.48788	.48490	2.5157	.46191	.48937

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49543	4.9389	.48473	.49598	.50647	11.860	.92180
SDev	.00076	.0264	.00215	.00130	.00258	.002	.00550
%RSD	.15363	.53441	.44328	.26171	.50972	.01944	.59642
#1	.49597	4.9576	.48625	.49506	.50829	11.859	.92569
#2	.49489	4.9203	.48322	.49690	.50464	11.862	.91792

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24312	12.314	11.694	.24862	.50772	.50269	.49721
SDev	.00122	.084	.013	.00006	.00006	.00370	.00097
%RSD	.50388	.68245	.10910	.02542	.01277	.73641	.19590
#1	.24398	12.373	11.685	.24866	.50777	.50530	.49790
#2	.24225	12.254	11.703	.24857	.50768	.50007	.49652

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49066	.50329	.48433	.49674	.49178	.49731
SDev	.00181	.00254	.00757	.00307	.00476	.00124
%RSD	.36888	.50539	1.5639	.61816	.96724	.24863
#1	.49194	.50509	.48969	.49891	.49514	.49643
#2	.48938	.50149	.47897	.49457	.48842	.49818

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25368	--	--	--	--	--	--
SDev	137.1787	--	--	--	--	--	--
%RSD	.5407550	--	--	--	--	--	--

#1	25271	--	--	--	--	--	--
#2	25465	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 15:54:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02768	.00254	.00091	.00031	.00028	.00118	.00023
SDev	.00212	.00070	.00023	.00001	.00000	.00026	.00007
%RSD	7.6401	27.405	25.148	2.3869	.12976	22.044	28.388
#1	.02918	.00304	.00107	.00032	.00028	.00137	.00019
#2	.02619	.00205	.00075	.00031	.00028	.00100	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02275	.00068	.00064	-.00034	.01958	.00028	-.00049
SDev	.00107	.00024	.00037	.00007	.00181	.00005	.00000
%RSD	4.6959	35.869	58.199	22.065	9.2477	16.519	.19364

#1	.02200	.00085	.00038	-.00028	.01830	.00025	-.00049
#2	.02351	.00051	.00090	-.00039	.02086	.00031	-.00049

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.01887	.00033	.00081	.00037	.00321	-.00062
SDev	.00220	.00361	.00000	.00061	.00002	.01107	.00164
%RSD	835.90	19.121	.42862	75.589	4.9545	344.94	265.01
#1	-.00182	.01632	.00033	.00125	.00039	-.00462	.00054
#2	.00129	.02142	.00033	.00038	.00036	.01104	-.00178

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.17907	.00304	.00016	.00186	.00136	.00047
SDev	.00014	.02800	.00092	.00001	.00168	.00036	.00008
%RSD	942.53	15.637	30.202	7.3223	90.529	26.683	16.331
#1	.00009	.15927	.00239	.00015	.00067	.00110	.00052
#2	-.00012	.19887	.00369	.00017	.00305	.00161	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.00095	-.00061	-.00043	-.00335	.00128
SDev	.00027	.00006	.00157	.00078	.00232	.00214
%RSD	53.025	6.6945	256.93	182.48	69.189	167.61
#1	.00069	.00090	.00050	-.00099	-.00499	-.00024
#2	.00031	.00099	-.00172	.00012	-.00171	.00279

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	25866	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.4237364	--	--	--	--	--	--
#1	25943	--	--	--	--	--	--
#2	25788	--	--	--	--	--	--

Analysis Report Blank Sample 01/06/12 04:03:19 PM page 1

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/06/12 15:59:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10849	.01140	.01232	.01044	.00509	.01073	.00525
SDev	.00202	.00245	.00052	.00005	.00004	.00014	.00023
%RSD	1.8666	21.488	4.2587	.46472	.79504	1.3028	4.4264
#1	.10706	.00967	.01269	.01040	.00512	.01063	.00541
#2	.10993	.01313	.01195	.01047	.00506	.01083	.00509

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09907	.01073	.01014	.00966	.10964	.00885	.00947
SDev	.00219	.00061	.00080	.00041	.04546	.00002	.00031
%RSD	2.2112	5.7228	7.9106	4.2583	41.457	.22344	3.2647
#1	.10062	.01030	.01071	.00937	.14178	.00887	.00925
#2	.09752	.01116	.00958	.00995	.07750	.00884	.00968

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00870	.10686	.01034	.01021	.01107	.60095	.00872
SDev	.00307	.00428	.00001	.00005	.00127	.01566	.00091
%RSD	35.255	4.0077	.10798	.46648	11.479	2.6061	10.432
#1	.01086	.10989	.01035	.01017	.01197	.61203	.00808
#2	.00653	.10384	.01033	.01024	.01017	.58988	.00937

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00489	.65960	.53155	.00506	.01064	.01067	.01055
SDev	.00113	.30151	.00037	.00002	.00044	.00095	.00016
%RSD	23.136	45.711	.06943	.38783	4.1400	8.9009	1.5439
#1	.00569	.87280	.53129	.00504	.01033	.01000	.01044
#2	.00409	.44640	.53181	.00507	.01095	.01134	.01067

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01051	.01109	.00755	.01042	.00927	.00841
SDev	.00041	.00006	.00138	.00115	.00019	.00469
%RSD	3.9044	.55040	18.295	11.079	2.0586	55.837
#1	.01022	.01104	.00853	.00961	.00914	.01173
#2	.01080	.01113	.00658	.01124	.00941	.00509

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25260	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.3779149	--	--	--	--	--	--

#1	25192	--	--	--	--	--	--
#2	25327	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/06/12 16:03:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	484.63	-.00009	-.00166	.00175	-.00021	-.00173	.00513
SDev	.46	.00361	.00177	.00001	.00003	.00099	.00006
%RSD	.09546	3916.7	106.45	.30415	14.469	57.425	1.1774
#1	484.30	-.00265	-.00041	.00174	-.00019	-.00103	.00518
#2	484.95	.00246	-.00291	.00175	-.00023	-.00243	.00509

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	439.00	.00159	.00001	.01222	185.67	.00459	.01128
SDev	.49	.00025	.00089	.00008	.00	.00002	.00006
%RSD	.11078	15.686	6300.3	.61874	.00015	.33238	.54737
#1	439.35	.00141	.00064	.01216	185.67	.00460	.01124
#2	438.66	.00177	-.00062	.01227	185.67	.00458	.01132

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01296	489.49	-.00751	-.00087	.00021	.08007	.00948
SDev	.00412	.29	.00000	.00069	.00035	.00980	.00099
%RSD	31.795	.05883	.04552	80.053	170.74	12.243	10.452
#1	-.01587	489.28	-.00750	-.00038	.00045	.08700	.01018
#2	-.01005	489.69	-.00751	-.00136	-.00004	.07314	.00878

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	.18295	.15172	-.00857	.00101	.00094	-.00211
SDev	.00023	.05085	.00053	.00003	.00032	.00146	.00004
%RSD	25.592	27.793	.35015	.30376	32.255	155.23	1.7628
#1	-.00072	.21891	.15209	-.00859	.00124	.00197	-.00214
#2	-.00104	.14700	.15134	-.00855	.00078	-.00009	-.00208

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00492	.00242	-.08378	.05881	.00157	-.02022
SDev	.00039	.00022	.00253	.00136	.00130	.00553
%RSD	7.9687	9.1121	3.0194	2.3082	82.705	27.355
#1	.00464	.00227	-.08200	.05785	.00065	-.02414
#2	.00519	.00258	-.08557	.05977	.00249	-.01631

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23098	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.1132669	--	--	--	--	--	--
#1	23117	--	--	--	--	--	--
#2	23080	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/06/12 16:07:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	502.19	1.0293	1.0117	1.0268	.47239	1.0301	.48185
SDev	1.59	.0087	.0028	.0022	.00112	.0033	.00094
%RSD	.31598	.84558	.27425	.21071	.23621	.32153	.19509
#1	501.07	1.0231	1.0137	1.0252	.47160	1.0278	.48118
#2	503.31	1.0354	1.0098	1.0283	.47318	1.0324	.48251

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	458.36	.94786	.92569	1.0588	199.67	1.2507	.97109
SDev	.91	.00267	.00200	.0038	.44	.0042	.00285
%RSD	.19797	.28193	.21619	.35682	.21790	.33735	.29380
#1	457.72	.94597	.92428	1.0561	199.36	1.2477	.96907
#2	459.00	.94975	.92711	1.0615	199.98	1.2537	.97310

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98217	511.12	.94502	.97639	.94539	14.130	.95448
SDev	.00702	1.29	.00236	.00023	.00113	.044	.00151
%RSD	.71477	.25169	.25011	.02334	.11986	.31348	.15843
#1	.97721	510.21	.94335	.97623	.94619	14.099	.95341
#2	.98714	512.03	.94669	.97655	.94459	14.161	.95555

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52800	12.503	13.824	.49961	.98989	.99160	.98157
SDev	.00031	.096	.046	.00124	.00273	.00150	.00228
%RSD	.05872	.76799	.32995	.24819	.27596	.15107	.23216
#1	.52778	12.571	13.792	.49874	.99182	.99054	.97996
#2	.52822	12.436	13.856	.50049	.98796	.99266	.98318

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96639	1.0082	.86861	1.0223	.98791	.97930
SDev	.00279	.0024	.00345	.0026	.00263	.00922
%RSD	.28900	.23355	.39746	.24976	.26580	.94122

#1	.96441	1.0066	.86617	1.0205	.98606	.97278

#2	.96836	1.0099	.87105	1.0241	.98977	.98582

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22820	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0526778	--	--	--	--	--	--
#1	22828	--	--	--	--	--	--
#2	22811	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/06/12 16:11:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5883	.49848	.49532	.49929	.49395	.49628	.50580
SDev	.0252	.00379	.00136	.00078	.00127	.00059	.00138
%RSD	.97304	.76020	.27380	.15655	.25723	.11917	.27287
#1	2.6061	.50116	.49436	.49985	.49485	.49670	.50678
#2	2.5705	.49580	.49628	.49874	.49306	.49586	.50483

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.641	.49480	.49842	.48891	2.6225	.46525	.50039
SDev	.057	.00157	.00178	.00019	.0469	.00083	.00041
%RSD	.44742	.31813	.35742	.03822	1.7895	.17883	.08203
#1	12.681	.49591	.49968	.48904	2.6557	.46584	.50068
#2	12.601	.49369	.49716	.48877	2.5893	.46466	.50010

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49986	5.1071	.49220	.50231	.51098	11.924	.93122
SDev	.00108	.0331	.00122	.00113	.00078	.012	.00108
%RSD	.21550	.64857	.24734	.22483	.15214	.09956	.11574
#1	.49909	5.1305	.49306	.50311	.51153	11.933	.93046
#2	.50062	5.0837	.49134	.50151	.51043	11.916	.93198

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24646	12.498	11.771	.25042	.51193	.51141	.50201
SDev	.00108	.086	.013	.00036	.00241	.00107	.00110
%RSD	.43683	.68653	.10714	.14335	.46978	.20970	.21869
#1	.24722	12.558	11.780	.25068	.51364	.51217	.50278
#2	.24570	12.437	11.763	.25017	.51023	.51065	.50123

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49642	.51111	.49506	.50305	.50259	.49855

SDev	.00092	.00166	.00561	.00219	.00202	.00061
%RSD	.18461	.32473	1.1328	.43501	.40194	.12149
#1	.49707	.51229	.49903	.50150	.50116	.49812
#2	.49577	.50994	.49110	.50460	.50402	.49897

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24946	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1842420	--	--	--	--	--	--
#1	24914	--	--	--	--	--	--
#2	24979	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/06/12 16:14:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05088	.00126	.00233	.00042	.00036	.00123	.00022
SDev	.00012	.00229	.00122	.00007	.00003	.00007	.00007
%RSD	.22907	181.58	52.466	16.795	8.1508	5.3559	29.274
#1	.05097	-.00036	.00319	.00047	.00038	.00128	.00027
#2	.05080	.00289	.00146	.00037	.00034	.00118	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04562	.00056	.00034	-.00014	.01145	.00044	-.00063
SDev	.00172	.00000	.00017	.00006	.01136	.00003	.00081
%RSD	3.7819	.03321	50.980	44.968	99.192	5.9343	128.61
#1	.04684	.00056	.00022	-.00010	.00342	.00046	-.00006
#2	.04440	.00055	.00046	-.00019	.01948	.00042	-.00120

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	.05369	.00050	.00072	.00003	.08336	-.00216
SDev	.00165	.00162	.00000	.00093	.00023	.00439	.00019
%RSD	438.05	3.0239	.03201	129.22	895.63	5.2677	8.9458
#1	-.00155	.05483	.00050	.00137	-.00014	.08026	-.00230
#2	.00079	.05254	.00050	.00006	.00019	.08647	-.00203

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.05099	.01072	.00022	.00054	.00116	.00059
SDev	.00065	.15333	.00022	.00002	.00206	.00069	.00002
%RSD	709.97	300.70	2.0114	8.7525	381.05	59.733	2.7977
#1	-.00055	-.05743	.01087	.00023	.00200	.00067	.00060
#2	.00037	.15942	.01056	.00020	-.00092	.00165	.00058

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00091	-.00470	.00141	-.00347	.00117
SDev	.00010	.00002	.00078	.00082	.00036	.00230
%RSD	25.558	1.9335	16.531	58.434	10.507	197.05
#1	.00046	.00092	-.00415	.00199	-.00372	-.00046
#2	.00032	.00089	-.00524	.00083	-.00321	.00279

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25056	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0366881	--	--	--	--	--	--
#1	25049	--	--	--	--	--	--
#2	25062	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Batch Number: 69471 Batch Start Date: 01/05/12 12:22 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00034	METHNO3 00024	METSLCSS 00015
MB 600-69471/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-69471/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-48312-A-1	2012 - BSA - 1 (0-2')	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-2	2012 - BSA - 3 (0-2')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-3	2012 - BSA - 4 (0-2')	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-4	2012 - BSA - 5 (0-2')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-5	2012 - BSA - 2 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-6	2012 - SDA - 1 (0-2')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-6 DU	2012 - SDA - 1 (0-2')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-6 MS	2012 - SDA - 1 (0-2')	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-6 MSD	2012 - SDA - 1 (0-2')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-7	2012 - SDA - 1 (2-4')	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-8	2012 - SDA - 2 (0-2')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-8 DU	2012 - SDA - 2 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-8 MS	2012 - SDA - 2 (0-2')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-8 MSD	2012 - SDA - 2 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-9	2012 - SDA - 2 (2-4')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-10	2012 - SDA - 3 (0-2')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-11	2012 - SDA - 3 (2-4')	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-12	2012 - SDA - 4 (0-2')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-13	2012 - SDA - 4 (2-4')	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-14	2012 - SDA - 5 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-15	2012 - SDA - 5 (2-2.9')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Batch Number: 69471 Batch Start Date: 01/05/12 12:22 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00034	METHNO3 00024	METSLCSS 00015
600-48312-A-17	2012 - BY - 5 (0-2')	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-18	2012 - BY - 4 (0-2')	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-19	2012 - BY - 3 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-20	2012 - BY - 2 (0-2')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
MB 600-69471/1		3050B, 6010B							
LCS 600-69471/2		3050B, 6010B							
600-48312-A-1	2012 - BSA - 1 (0-2')	3050B, 6010B	T						
600-48312-A-2	2012 - BSA - 3 (0-2')	3050B, 6010B	T						
600-48312-A-3	2012 - BSA - 4 (0-2')	3050B, 6010B	T						
600-48312-A-4	2012 - BSA - 5 (0-2')	3050B, 6010B	T						
600-48312-A-5	2012 - BSA - 2 (0-2')	3050B, 6010B	T						
600-48312-A-6	2012 - SDA - 1 (0-2')	3050B, 6010B	T						
600-48312-A-6 DU	2012 - SDA - 1 (0-2')	3050B, 6010B	T						
600-48312-A-6 MS	2012 - SDA - 1 (0-2')	3050B, 6010B	T	250 uL	250 uL				
600-48312-A-6 MSD	2012 - SDA - 1 (0-2')	3050B, 6010B	T	250 uL	250 uL				
600-48312-A-7	2012 - SDA - 1 (2-4')	3050B, 6010B	T						
600-48312-A-8	2012 - SDA - 2 (0-2')	3050B, 6010B	T						
600-48312-A-8 DU	2012 - SDA - 2 (0-2')	3050B, 6010B	T						
600-48312-A-8 MS	2012 - SDA - 2 (0-2')	3050B, 6010B	T	250 uL	250 uL				
600-48312-A-8 MSD	2012 - SDA - 2 (0-2')	3050B, 6010B	T	250 uL	250 uL				
600-48312-A-9	2012 - SDA - 2 (2-4')	3050B, 6010B	T						
600-48312-A-10	2012 - SDA - 3 (0-2')	3050B, 6010B	T						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Batch Number: 69471 Batch Start Date: 01/05/12 12:22 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
600-48312-A-11	2012 - SDA - 3 (2-4')	3050B, 6010B	T						
600-48312-A-12	2012 - SDA - 4 (0-2')	3050B, 6010B	T						
600-48312-A-13	2012 - SDA - 4 (2-4')	3050B, 6010B	T						
600-48312-A-14	2012 - SDA - 5 (0-2')	3050B, 6010B	T						
600-48312-A-15	2012 - SDA - 5 (2-2.9')	3050B, 6010B	T						
600-48312-A-17	2012 - BY - 5 (0-2')	3050B, 6010B	T						
600-48312-A-18	2012 - BY - 4 (0-2')	3050B, 6010B	T						
600-48312-A-19	2012 - BY - 3 (0-2')	3050B, 6010B	T						
600-48312-A-20	2012 - BY - 2 (0-2')	3050B, 6010B	T						

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Batch Number: 69554 Batch Start Date: 01/06/12 15:00 Batch Analyst: Lige, Derrick C

Batch Method: 200.7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00034	METHNO3 00024	METSPIKEA 00010	METSPIKEB 00011
MB 600-69554/1		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-69554/2		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#3
Pipette ID	MPH
Temperature	93.8 Degrees C.
ID number of the thermometer	#515

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Batch Number: 69554 Batch Start Date: 01/06/12 15:00 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00034	METHNO3 00024	METSPIKEA 00010
600-48312-A-21	Equipment Blank 1	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48312-A-21 DU	Equipment Blank 1	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48312-A-21 MS	Equipment Blank 1	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48312-A-21 MSD	Equipment Blank 1	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
600-48312-A-21	Equipment Blank 1	3010A, 6010B	T						
600-48312-A-21 DU	Equipment Blank 1	3010A, 6010B	T						
600-48312-A-21 MS	Equipment Blank 1	3010A, 6010B	T	250 uL					
600-48312-A-21 MSD	Equipment Blank 1	3010A, 6010B	T	250 uL					

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#3
Pipette ID	MPH
Temperature	93.8 Degrees C.
ID number of the thermometer	#515

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Batch Number: 69818 Batch Start Date: 01/12/12 08:07 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00035	METHNO3 00025	METSLCSS 00016
MB 600-69818/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-69818/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-48312-A-16	2012 - BY - 1 (0-2')	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-16 DU	2012 - BY - 1 (0-2')	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-16 MS	2012 - BY - 1 (0-2')	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-48312-A-16 MSD	2012 - BY - 1 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
MB 600-69818/1		3050B, 6010B							
LCS 600-69818/2		3050B, 6010B							
600-48312-A-16	2012 - BY - 1 (0-2')	3050B, 6010B	T						
600-48312-A-16 DU	2012 - BY - 1 (0-2')	3050B, 6010B	T						
600-48312-A-16 MS	2012 - BY - 1 (0-2')	3050B, 6010B	T	250 uL	250 uL				
600-48312-A-16 MSD	2012 - BY - 1 (0-2')	3050B, 6010B	T	250 uL	250 uL				

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012 - BSA - 1 (0-2')	600-48312-1
2012 - BSA - 3 (0-2')	600-48312-2
2012 - BSA - 4 (0-2')	600-48312-3
2012 - BSA - 5 (0-2')	600-48312-4
2012 - BSA - 2 (0-2')	600-48312-5
2012 - SDA - 1 (0-2')	600-48312-6
2012 - SDA - 1 (2-4')	600-48312-7
2012 - SDA - 2 (0-2')	600-48312-8
2012 - SDA - 2 (2-4')	600-48312-9
2012 - SDA - 3 (0-2')	600-48312-10
2012 - SDA - 3 (2-4')	600-48312-11
2012 - SDA - 4 (0-2')	600-48312-12
2012 - SDA - 4 (2-4')	600-48312-13
2012 - SDA - 5 (0-2')	600-48312-14
2012 - SDA - 5 (2-2.9')	600-48312-15
2012 - BY - 1 (0-2')	600-48312-16
2012 - BY - 5 (0-2')	600-48312-17
2012 - BY - 4 (0-2')	600-48312-18
2012 - BY - 3 (0-2')	600-48312-19
2012 - BY - 2 (0-2')	600-48312-20

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48312-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/05/2012 16:47 End Date: 01/05/2012 16:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
600-48312-16 MS	1	T	16:47	X	X																		
600-48312-16 MSD	1	T	16:47	X	X																		
600-48312-1	1	T	16:47	X	X																		
600-48312-1 DU	1	T	16:47	X	X																		
600-48312-2	1	T	16:47	X	X																		
600-48312-3	1	T	16:47	X	X																		
600-48312-4	1	T	16:47	X	X																		
600-48312-5	1	T	16:47	X	X																		
600-48312-6	1	T	16:47	X	X																		
600-48312-7	1	T	16:47	X	X																		
600-48312-8	1	T	16:47	X	X																		
600-48312-9	1	T	16:47	X	X																		
600-48312-10	1	T	16:47	X	X																		
600-48312-11	1	T	16:47	X	X																		
600-48312-A-11 DU	1	T	16:47	X	X																		
600-48312-12	1	T	16:47	X	X																		
600-48312-13	1	T	16:47	X	X																		
600-48312-14	1	T	16:47	X	X																		
600-48312-15	1	T	16:47	X	X																		
600-48312-16	1	T	16:47	X	X																		
600-48312-17	1	T	16:47	X	X																		
600-48312-18	1	T	16:47	X	X																		
600-48312-19	1	T	16:47	X	X																		
600-48312-20	1	T	16:47	X	X																		
ZZZZZZ			16:47																				
ZZZZZZ			16:47																				
ZZZZZZ			16:47																				
ZZZZZZ			16:47																				
ZZZZZZ			16:47																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Batch Number: 69502 Batch Start Date: 01/05/12 16:47 Batch Analyst: Boza, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-48312-A-1	2012 - BSA - 1 (0-2')	Moisture	T	1.12 g	23.81 g	19.09 g			
600-48312-A-1 DU	2012 - BSA - 1 (0-2')	Moisture	T	1.12 g	20.04 g	16.35 g			
600-48312-A-2	2012 - BSA - 3 (0-2')	Moisture	T	1.10 g	25.10 g	20.30 g			
600-48312-A-3	2012 - BSA - 4 (0-2')	Moisture	T	1.12 g	18.83 g	15.02 g			
600-48312-A-4	2012 - BSA - 5 (0-2')	Moisture	T	1.14 g	20.66 g	16.52 g			
600-48312-A-5	2012 - BSA - 2 (0-2')	Moisture	T	1.16 g	24.56 g	21.61 g			
600-48312-A-6	2012 - SDA - 1 (0-2')	Moisture	T	1.14 g	21.36 g	16.70 g			
600-48312-A-7	2012 - SDA - 1 (2-4')	Moisture	T	1.16 g	16.08 g	12.87 g			
600-48312-A-8	2012 - SDA - 2 (0-2')	Moisture	T	1.12 g	19.00 g	15.31 g			
600-48312-A-9	2012 - SDA - 2 (2-4')	Moisture	T	1.16 g	23.79 g	19.28 g			
600-48312-A-10	2012 - SDA - 3 (0-2')	Moisture	T	1.13 g	21.02 g	16.90 g			
600-48312-A-11	2012 - SDA - 3 (2-4')	Moisture	T	1.16 g	21.17 g	17.37 g			
600-48312-A-11 DU		Moisture	T	1.15 g	18.30 g	15.03 g			
600-48312-A-12	2012 - SDA - 4 (0-2')	Moisture	T	1.15 g	20.68 g	18.00 g			
600-48312-A-13	2012 - SDA - 4 (2-4')	Moisture	T	1.13 g	21.78 g	20.28 g			
600-48312-A-14	2012 - SDA - 5 (0-2')	Moisture	T	1.16 g	22.08 g	18.79 g			
600-48312-A-15	2012 - SDA - 5 (2-2.9')	Moisture	T	1.15 g	16.45 g	15.64 g			
600-48312-A-16	2012 - BY - 1 (0-2')	Moisture	T	1.15 g	24.48 g	21.23 g			
600-48312-A-17	2012 - BY - 5 (0-2')	Moisture	T	1.14 g	19.69 g	16.10 g			
600-48312-A-18	2012 - BY - 4 (0-2')	Moisture	T	1.15 g	24.25 g	20.69 g			
600-48312-A-19	2012 - BY - 3 (0-2')	Moisture	T	1.14 g	24.35 g	21.05 g			
600-48312-A-20	2012 - BY - 2 (0-2')	Moisture	T	1.17 g	20.44 g	17.07 g			
600-48312-A-16 MS	2012 - BY - 1 (0-2')	Moisture	T	1.15 g	24.48 g	21.23 g			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48312-1

SDG No.:

Batch Number: 69502 Batch Start Date: 01/05/12 16:47 Batch Analyst: Boza, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-48312-A-16 MSD	2012 - BY - 1 (0-2')	Moisture	T	1.15 g	24.48 g	21.23 g			

Batch Notes	
Balance ID	B-2 No Unit
Oven ID	O-8

Basis	Basis Description
T	Total/NA

Loc: 600
48312

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone: (713) 690-4444 Fax: (713) 690-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 2
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Number of containers	Special Instructions/Note:
			Preservation Code:														
2012-BSA-1(0-2')	1/4/2012	0936	G	S			X										
2012-BSA-3(0-2')		0952					X										
2012-BSA-4(0-2')		1004					X										
2012-BSA-5(0-2')		1015					X										
2012-BSA-2(0-2')		1027					X										
2012-SDA-1(0-2')		1114					X										
2012-SDA-1(2-4')		1120					X										
2012-SDA-2(0-2')		1132					X										
2012-SDA-2(2-4')		1140					X										
2012-SDA-3(0-2')		1147					X										
2012-SDA-3(2-4')		1152					X										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Chris Moore	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 1/4/11 1809	Company: PBW	Received by: Date/Time: 01/05/12 0917 Company: TAL
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Page 448 of 450

03/08/2012

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page ~~1~~ of 1 2 of 2
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)				Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
2012-SDA-4 (0-2')	1/4/~~11~~ 2012	1340	G	S			X													
2012-SDA-4 (2-4')		1345					X													
2012-SDA-5 (0-2')		1354					X													
2012-SDA-5 (2-2.9')		1358					X													
2012-BY-1 (0-2')		1505					X													
2012-BY-5 (0-2')		1518					X													
2012-BY-4 (0-2')		1535					X													
2012-BY-3 (0-2')		1555					X													
2012-BY-2 (0-2')		1610					X													
Equipment Blank 1	↓	1615	↓	↓			X													

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 1/4/11 1809	Company: TBW	Received by:	Date/Time: 01/5/12 0917	Company: TAL		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Page 449 of 450

03/08/2012

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48312-1

Login Number: 48312

List Source: TestAmerica Houston

List Number: 1

Creator: Fuentes Jr, Fabio

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-48380-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
3/13/2012 5:52 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
03/13/2012
Revision: 1

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Report Narrative 22
Method Summary 23
Method / Analyst Summary 24
Sample Summary 25
Sample Results 26
Sample Datasheets 27
Data Qualifiers 35
QC Results 36
Qc Association Summary 37
Surrogate Recovery Report 40
Qc Reports 42
Raw Data 53
Client Chain of Custody 689
Sample Receipt Checklist 690

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-48380-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		02/19/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: BDG	Prep Batch Number(s): 600-69984 – Sulfate

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: BDG	Prep Batch Number(s): 600-69984 – Sulfate

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: BDG	Prep Batch Number(s): 600-69984 – Sulfate

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the MS.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX Projec	Laboratory Job Number: 600-48380
Reviewer Name: BDG	Prep Batch Number(s): 600-69833 – Sulfate - Soluble

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				3
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: BDG	Prep Batch Number(s): 600-69833 – Sulfate - Soluble

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: BDG	Prep Batch Number(s): 600-69833 – Sulfate - Soluble

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the MS.
2	The laboratory selected another client's sample to perform as the DUP.
3	The Sulfate SDLs in samples 600-48380-1 and 2 were elevated due to the high concentrations of this analyte.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: TWR	Prep Batch Number(s): 600-69725(w), 69585(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: TWR	Prep Batch Number(s): 600-69725(w), 69585(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?		X			1
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: TWR	Prep Batch Number(s): 600-69725(w), 69585(s)- ICP

ER #[1]	DESCRIPTION
1	Cadmium was detected above the MDL in the ICB for batch 69797. Cadmium was detected above the MDL in the CCB analyzed on 01/10/12 at 15:33. Since the concentrations were below the MQL, no corrective action was required.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: RJV	Prep Batch Number(s): 600-69827(W), 69727(S)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	X				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
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5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: RJV	Prep Batch Number(s): 600-69827(W), 69727(S)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
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5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48380
Reviewer Name: RJV	Prep Batch Number(s): 600-69827(W), 69727(S)- TX1005

ER #[1]	DESCRIPTION

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Detection Check Standard

Matrix: Soil
Method: 300.0, 9056
Preparation: DI LEACH
Date Analyzed: 12/29/2011
Date Prepared: 12/29/2011
TALs Batches: N/A
Units: mg/Kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Fluoride	0.27	0.8	0.89	2
Chloride	0.24	0.7	0.751	4
Nitrite	0.25836	0.75	0.849	2
Bromide	0.37	1	0.984	2
Nitrate	0.03	0.1	0.349	2
Orthophosphate	0.7501	2	2.075	2
Sulfate	0.61	1.75	1.851	4

Detection Check Standard

Matrix: Water
Method: 300.0, 9056
Preparation: N/A
Date Analyzed: 12/29/2011
Date Prepared: 12/29/2011
TALs Batches: N/A
Units: mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Fluoride	0.02199	0.06	0.069	0.2
Chloride	0.141347	0.4	0.643	0.4
Nitrite	0.081	0.2	0.434	0.2
Bromide	0.022912	0.06	0.095	0.2
Nitrate	0.010952	0.03	0.032	0.2
Orthophosphate	0.162	0.3	0.453	0.2
Sulfate	0.269171	0.75	1.01	0.4

Detection Check Standard

Matrix:	Soil
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	BO80211_034.d
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	4.67	10	12.86	25
>C12-C28	6.06	10	9.43	25
Total C6-C35	9.59	20	22.28	25

Detection Check Standard

Matrix:	Water
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	B080211_034.d
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	0.37	5	4.97	5
>C12-C28	0.32	5	5.16	5
Total C6-C35	0.56	10	10.13	5

Comments
The report was revised to add missing Metals raw data for batches 69942 and 69997.

Receipt
All samples were received in good condition within temperature requirements.

Metals
Method(s) 200.7, 3010A: Due to the matrix, the initial volume(s) used for the following sample(s) deviated from the standard procedure: 2012-RMSA-2 (Recon GW) (600-48380-3). The reporting limits (RLs) have been adjusted proportionately.

No other analytical or quality issues were noted.

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_S_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals	TAL HOU		SW846 3050B
Anions, Ion Chromatography	TAL HOU	SW846 9056	
Deionized Water Leaching Procedure	TAL HOU		ASTM DI Leach
Percent Moisture	TAL HOU	EPA Moisture	
Matrix: Water			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_W_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals	TAL HOU		SW846 3010A
Anions, Ion Chromatography	TAL HOU	MCAWW 300.0	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TCEQ = Texas Commission of Environmental Quality

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Method	Analyst	Analyst ID
TCEQ TX 1005	Vanderborgh, Raymond	RV
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
MCAWW 300.0	Puranik, Surendra U	SUP
SW846 9056	Puranik, Surendra U	SUP
EPA Moisture	Boza, Michael	MB

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-48380-1	2012-RMSA-2 (0.5-2.5')	Solid	01/05/2012 1000	01/06/2012 1014
600-48380-2	2012-RMSA-3(1-3')	Solid	01/05/2012 1038	01/06/2012 1014
600-48380-3	2012-RMSA-2 (Recon GW)	Water	01/05/2012 1343	01/06/2012 1014
600-48380-4	Field Blank 1	Water	01/05/2012 1404	01/06/2012 1014
600-48380-5	Equipment Blank 2	Water	01/05/2012 1412	01/06/2012 1014
600-48380-6	Trip Blank (1/5/12)	Water	01/05/2012 0000	01/06/2012 1014

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48380-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-2 (0.5-2.5')

Lab Sample ID: 600-48380-1
Client Matrix: Solid

Date Sampled: 01/05/2012 10:00
Date Received: 01/06/2012 10:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69585	01/06/2012 16:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69727	01/10/2012 08:51		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	29			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Percent Solids	STL00234	71			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	2.91			0.0256	0.250	0.0352	mg/Kg	69772	01/10/2012 14:08	1	SRP
Lead	7439-92-1	2950			0.105	0.500	0.144	mg/Kg	69772	01/10/2012 14:08	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.59	U		4.67	25.0	6.59	mg/Kg	72331	01/12/2012 04:20	1	RV
>C12-C28	STL00035	8.55	U		6.06	25.0	8.55	mg/Kg	72331	01/12/2012 04:20	1	RV
>C28-C35	STL00147	13.5	U		9.59	25.0	13.5	mg/Kg	72331	01/12/2012 04:20	1	RV
C6-C35	STL00006	13.5	U		9.59	25.0	13.5	mg/Kg	72331	01/12/2012 04:20	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		17.7	17.6	100	70-130		FID07	69727	01/12/2012 04:20	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48380-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-2 (0.5-2.5')

Lab Sample ID: 600-48380-1 DL
Client Matrix: Solid

Date Sampled: 01/05/2012 10:00
Date Received: 01/06/2012 10:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9056,Solid,Soluble										Dry Weight Corrected?:		Y
Sulfate	14808-79-8	6700			2.00	5.00	28.2	mg/Kg	69903	01/11/2012 23:26	10	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48380-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-3(1-3')

Lab Sample ID: 600-48380-2
Client Matrix: Solid

Date Sampled: 01/05/2012 10:38
Date Received: 01/06/2012 10:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69585	01/06/2012 16:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69727	01/10/2012 08:51		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	21			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Percent Solids	STL00234	79			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	3.85			0.0256	0.250	0.0321	mg/Kg	69772	01/10/2012 14:12	1	SRP
Lead	7439-92-1	412			0.105	0.500	0.131	mg/Kg	69772	01/10/2012 14:12	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	5.90	U		4.67	25.0	5.90	mg/Kg	72331	01/12/2012 04:55	1	RV
>C12-C28	STL00035	7.66	U		6.06	25.0	7.66	mg/Kg	72331	01/12/2012 04:55	1	RV
>C28-C35	STL00147	12.1	U		9.59	25.0	12.1	mg/Kg	72331	01/12/2012 04:55	1	RV
C6-C35	STL00006	12.1	U		9.59	25.0	12.1	mg/Kg	72331	01/12/2012 04:55	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		15.5	15.8	98	70-130		FID07	69727	01/12/2012 04:55	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48380-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-3(1-3')

Lab Sample ID: 600-48380-2 DL
Client Matrix: Solid

Date Sampled: 01/05/2012 10:38
Date Received: 01/06/2012 10:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9056,Solid,Soluble										Dry Weight Corrected?:		Y
Sulfate	14808-79-8	1820			2.00	5.00	25.3	mg/Kg	69903	01/12/2012 00:06	10	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48380-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-2 (Recon GW)

Lab Sample ID: 600-48380-3
Client Matrix: Water

Date Sampled: 01/05/2012 13:43
Date Received: 01/06/2012 10:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69725	01/10/2012 08:35		NER
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.0890			0.000350	0.00500	0.00175	mg/L	69997	01/13/2012 08:51	1	DCL
Lead	7439-92-1	0.421			0.00290	0.0100	0.0145	mg/L	69997	01/13/2012 08:51	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48380-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Field Blank 1

Lab Sample ID: 600-48380-4
Client Matrix: Water

Date Sampled: 01/05/2012 14:04
Date Received: 01/06/2012 10:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69827	01/11/2012 10:44		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.360	U		0.370	5.00	0.360	mg/L	72332	01/11/2012 21:13	1	RV
>C12-C28	STL00035	0.311	U		0.320	5.00	0.311	mg/L	72332	01/11/2012 21:13	1	RV
>C28-C35	STL00147	0.545	U		0.560	5.00	0.545	mg/L	72332	01/11/2012 21:13	1	RV
C6-C35	STL00006	0.545	U		0.560	5.00	0.545	mg/L	72332	01/11/2012 21:13	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.34	1.62	83	70-130		FID07	69827	01/11/2012 21:13	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48380-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Equipment Blank 2

Lab Sample ID: 600-48380-5
Client Matrix: Water

Date Sampled: 01/05/2012 14:12
Date Received: 01/06/2012 10:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69725	01/10/2012 08:35		NER
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69827	01/11/2012 10:44		NV
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	1.11			0.200	0.500	0.200	mg/L	69984	01/12/2012 17:18	1	SUP
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	69797	01/10/2012 15:45	1	SRP
Lead	7439-92-1	0.00368	J		0.00290	0.0100	0.00290	mg/L	69797	01/10/2012 15:45	1	SRP
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.357	U		0.370	5.00	0.357	mg/L	72332	01/11/2012 21:48	1	RV
>C12-C28	STL00035	0.309	U		0.320	5.00	0.309	mg/L	72332	01/11/2012 21:48	1	RV
>C28-C35	STL00147	0.541	U		0.560	5.00	0.541	mg/L	72332	01/11/2012 21:48	1	RV
C6-C35	STL00006	0.541	U		0.560	5.00	0.541	mg/L	72332	01/11/2012 21:48	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.31	1.61	81	70-130		FID07	69827	01/11/2012 21:48	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48380-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Trip Blank (1/5/12)

Lab Sample ID: 600-48380-6
Client Matrix: Water

Date Sampled: 01/05/2012 00:00
Date Received: 01/06/2012 10:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69827	01/11/2012 10:44		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.366	U		0.370	5.00	0.366	mg/L	72332	01/11/2012 23:36	1	RV
>C12-C28	STL00035	0.316	U		0.320	5.00	0.316	mg/L	72332	01/11/2012 23:36	1	RV
>C28-C35	STL00147	0.553	U		0.560	5.00	0.553	mg/L	72332	01/11/2012 23:36	1	RV
C6-C35	STL00006	0.553	U		0.560	5.00	0.553	mg/L	72332	01/11/2012 23:36	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.33	1.65	80	70-130		FID07	69827	01/11/2012 23:36	1	RV

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48380-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Analyte was not detected at or above the SDL.
Metals		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
General Chemistry		
	U	Analyte was not detected at or above the SDL.

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 600-69727					
LCS 600-69727/2-A	Lab Control Sample	T	Solid	TX_1005_S_Prep	
MB 600-69727/1-A	Method Blank	T	Solid	TX_1005_S_Prep	
600-48380-1	2012-RMSA-2 (0.5-2.5')	T	Solid	TX_1005_S_Prep	
600-48380-2	2012-RMSA-3(1-3')	T	Solid	TX_1005_S_Prep	
Prep Batch: 600-69827					
LCS 600-69827/2-A	Lab Control Sample	T	Water	TX_1005_W_Pre	
600-48380-4	Field Blank 1	T	Water	TX_1005_W_Pre	
600-48380-5	Equipment Blank 2	T	Water	TX_1005_W_Pre	
600-48380-5MS	Matrix Spike	T	Water	TX_1005_W_Pre	
600-48380-5MSD	Matrix Spike Duplicate	T	Water	TX_1005_W_Pre	
600-48380-6	Trip Blank (1/5/12)	T	Water	TX_1005_W_Pre	
Analysis Batch:600-72331					
LCS 600-69727/2-A	Lab Control Sample	T	Solid	TX 1005	600-69727
MB 600-69727/1-A	Method Blank	T	Solid	TX 1005	600-69727
600-48380-1	2012-RMSA-2 (0.5-2.5')	T	Solid	TX 1005	600-69727
600-48380-2	2012-RMSA-3(1-3')	T	Solid	TX 1005	600-69727
Analysis Batch:600-72332					
LCS 600-69827/2-A	Lab Control Sample	T	Water	TX 1005	600-69827
600-48380-4	Field Blank 1	T	Water	TX 1005	600-69827
600-48380-5	Equipment Blank 2	T	Water	TX 1005	600-69827
600-48380-5MS	Matrix Spike	T	Water	TX 1005	600-69827
600-48380-5MSD	Matrix Spike Duplicate	T	Water	TX 1005	600-69827
600-48380-6	Trip Blank (1/5/12)	T	Water	TX 1005	600-69827

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-69585					
LCS 600-69585/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-69585/1-A	Method Blank	T	Solid	3050B	
600-48380-1	2012-RMSA-2 (0.5-2.5')	T	Solid	3050B	
600-48380-2	2012-RMSA-3(1-3')	T	Solid	3050B	
Prep Batch: 600-69725					
LCS 600-69725/2-A	Lab Control Sample	T	Water	3010A	
MB 600-69725/1-A	Method Blank	T	Water	3010A	
600-48380-3	2012-RMSA-2 (Recon GW)	T	Water	3010A	
600-48380-5	Equipment Blank 2	T	Water	3010A	
600-48380-5DU	Duplicate	T	Water	3010A	
600-48380-5MS	Matrix Spike	T	Water	3010A	
600-48380-5MSD	Matrix Spike Duplicate	T	Water	3010A	
Analysis Batch:600-69772					
LCS 600-69585/2-A	Lab Control Sample	T	Solid	6010B	600-69585
MB 600-69585/1-A	Method Blank	T	Solid	6010B	600-69585
600-48380-1	2012-RMSA-2 (0.5-2.5')	T	Solid	6010B	600-69585
600-48380-2	2012-RMSA-3(1-3')	T	Solid	6010B	600-69585
Analysis Batch:600-69797					
LCS 600-69725/2-A	Lab Control Sample	T	Water	6010B	600-69725
MB 600-69725/1-A	Method Blank	T	Water	6010B	600-69725
600-48380-5	Equipment Blank 2	T	Water	6010B	600-69725
600-48380-5DU	Duplicate	T	Water	6010B	600-69725
600-48380-5MS	Matrix Spike	T	Water	6010B	600-69725
600-48380-5MSD	Matrix Spike Duplicate	T	Water	6010B	600-69725
Analysis Batch:600-69942					
LCS 600-69725/2-A	Lab Control Sample	T	Water	6010B	600-69725
MB 600-69725/1-A	Method Blank	T	Water	6010B	600-69725
600-48380-5	Equipment Blank 2	T	Water	6010B	600-69725
600-48380-5DU	Duplicate	T	Water	6010B	600-69725
600-48380-5MS	Matrix Spike	T	Water	6010B	600-69725
600-48380-5MSD	Matrix Spike Duplicate	T	Water	6010B	600-69725
Analysis Batch:600-69997					
LCS 600-69725/2-A	Lab Control Sample	T	Water	6010B	600-69725
MB 600-69725/1-A	Method Blank	T	Water	6010B	600-69725
600-48380-3	2012-RMSA-2 (Recon GW)	T	Water	6010B	600-69725

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-69699					
600-48380-1	2012-RMSA-2 (0.5-2.5')	T	Solid	Moisture	
600-48380-2	2012-RMSA-3(1-3')	T	Solid	Moisture	
Prep Batch: 600-69833					
LCS 600-69833/2-A	Lab Control Sample	S	Solid	DI Leach	
MB 600-69833/1-A	Method Blank	S	Solid	DI Leach	
600-48380-1DL	2012-RMSA-2 (0.5-2.5')	S	Solid	DI Leach	
600-48380-2DL	2012-RMSA-3(1-3')	S	Solid	DI Leach	
Analysis Batch:600-69903					
LCS 600-69833/2-A	Lab Control Sample	S	Solid	9056	
MB 600-69833/1-A	Method Blank	S	Solid	9056	
600-48380-1DL	2012-RMSA-2 (0.5-2.5')	S	Solid	9056	
600-48380-2DL	2012-RMSA-3(1-3')	S	Solid	9056	
Analysis Batch:600-69984					
LCS 600-69984/5	Lab Control Sample	T	Water	300.0	
MB 600-69984/4	Method Blank	T	Water	300.0	
600-48380-5	Equipment Blank 2	T	Water	300.0	

Report Basis

S = Soluble

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec
600-48380-1	2012-RMSA-2 (0.5-2.5')	100
600-48380-2	2012-RMSA-3(1-3')	98
MB 600-69727/1-A		95
LCS 600-69727/2-A		107

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH %Rec
600-48380-4	Field Blank 1	83
600-48380-5	Equipment Blank 2	81
600-48380-6	Trip Blank (1/5/12)	80
LCS 600-69827/2-A		101
600-48380-5 MS	Equipment Blank 2 MS	102
600-48380-5 MSD	Equipment Blank 2 MSD	111

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Method Blank - Batch: 600-69727

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID:	MB 600-69727/1-A	Analysis Batch:	600-72331	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-69727	Lab File ID:	A011112_014.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/12/2012 0122	Units:	mg/Kg	Final Weight/Volume:	10.00 mL
Prep Date:	01/10/2012 0851			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
C6-C12	4.67	U	4.67	25.0
>C12-C28	6.06	U	6.06	25.0
>C28-C35	9.59	U	9.59	25.0
C6-C35	9.59	U	9.59	25.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	95	70 - 130

Lab Control Sample - Batch: 600-69727

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID:	LCS 600-69727/2-A	Analysis Batch:	600-72331	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-69727	Lab File ID:	A011112_015.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/12/2012 0158	Units:	mg/Kg	Final Weight/Volume:	10.00 mL
Prep Date:	01/10/2012 0851			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	250	232.1	93	75 - 125	
>C12-C28	250	280.0	112	75 - 125	
C6-C35	500	512.1	102	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	107	70 - 130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Lab Control Sample - Batch: 600-69827

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	LCS 600-69827/2-A	Analysis Batch:	600-72332	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-69827	Lab File ID:	B011112_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 mL
Analysis Date:	01/11/2012 1928	Units:	mg/L	Final Weight/Volume:	3.00 mL
Prep Date:	01/11/2012 1044			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	33.3	26.41	79	75 - 125	
>C12-C28	33.3	37.84	114	75 - 125	
C6-C35	66.7	64.25	96	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	101	70 - 130

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69827

Method: TX 1005
Preparation: TX_1005_W_Prep

MS Lab Sample ID:	600-48380-5	Analysis Batch:	600-72332	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-69827	Lab File ID:	B011112_009.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.84 mL
Analysis Date:	01/11/2012 2224			Final Weight/Volume:	3.00 mL
Prep Date:	01/11/2012 1044			Injection Volume:	2 uL
Leach Date:	N/A				

MSD Lab Sample ID:	600-48380-5	Analysis Batch:	600-72332	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-69827	Lab File ID:	B011112_010.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.86 mL
Analysis Date:	01/11/2012 2300			Final Weight/Volume:	3.00 mL
Prep Date:	01/11/2012 1044			Injection Volume:	2 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C6-C12	90	87	75 - 125	3	20		
>C12-C28	102	101	75 - 125	2	20		
C6-C35	96	94	75 - 125	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	102	111	70 - 130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69827

Method: TX 1005
Preparation: TX_1005_W_Prep

MS Lab Sample ID:	600-48380-5	Units:	mg/L	MSD Lab Sample ID:	600-48380-5
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/11/2012 2224			Analysis Date:	01/11/2012 2300
Prep Date:	01/11/2012 1044			Prep Date:	01/11/2012 1044
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C6-C12	0.357	U	32.4	32.4	29.08	28.34
>C12-C28	0.309	U	32.4	32.4	33.22	32.66
C6-C35	0.541	U	64.9	64.8	62.30	61.00

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Method Blank - Batch: 600-69585

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-69585/1-A	Analysis Batch:	600-69772	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69585	Lab File ID:	A011012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/10/2012 1203	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/06/2012 1605				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Lead	0.105	U	0.105	0.500

Lab Control Sample - Batch: 600-69585

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-69585/2-A	Analysis Batch:	600-69772	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69585	Lab File ID:	A011012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/10/2012 1207	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/06/2012 1605				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	68.14	96	81 - 119	
Lead	144	114.1	79	79 - 121	

Method Blank - Batch: 600-69725 **Method: 6010B**
Preparation: 3010A

Lab Sample ID:	MB 600-69725/1-A	Analysis Batch:	600-69797	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	B011012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 1537	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Method Blank - Batch: 600-69725 **Method: 6010B**
Preparation: 3010A

Lab Sample ID:	MB 600-69725/1-A	Analysis Batch:	600-69942	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	a011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/12/2012 1234	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Method Blank - Batch: 600-69725 **Method: 6010B**
Preparation: 3010A

Lab Sample ID:	MB 600-69725/1-A	Analysis Batch:	600-69997	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011312.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/13/2012 0846	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-69725 **Method: 6010B**
Preparation: 3010A

Lab Sample ID:	LCS 600-69725/2-A	Analysis Batch:	600-69797	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	B011012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 1541	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.5117	102	80 - 120	
Lead	1.00	1.009	101	80 - 120	

Lab Control Sample - Batch: 600-69725 **Method: 6010B**
Preparation: 3010A

Lab Sample ID:	LCS 600-69725/2-A	Analysis Batch:	600-69942	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	a011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/12/2012 1237	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.5430	109	80 - 120	
Lead	1.00	0.9974	100	80 - 120	

Lab Control Sample - Batch: 600-69725 **Method: 6010B**
Preparation: 3010A

Lab Sample ID:	LCS 600-69725/2-A	Analysis Batch:	600-69997	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011312.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/13/2012 0849	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.5074	101	80 - 120	
Lead	1.00	1.000	100	80 - 120	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69725

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48380-5	Analysis Batch:	600-69797	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	B011012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 1553			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48380-5	Analysis Batch:	600-69797	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	B011012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 1556			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	102	101	75 - 125	1	20		
Lead	100	99	75 - 125	1	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69725

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48380-5	Analysis Batch:	600-69942	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	a011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/12/2012 1248			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48380-5	Analysis Batch:	600-69942	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	a011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/12/2012 1250			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	108	110	75 - 125	1	20		
Lead	99	99	75 - 125	0	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69725

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48380-5	Units:	mg/L	MSD Lab Sample ID:	600-48380-5
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/10/2012 1553			Analysis Date:	01/10/2012 1556
Prep Date:	01/10/2012 0835			Prep Date:	01/10/2012 0835
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.5094	0.5042
Lead	0.00368	J	1.00	1.00	1.004	0.9956

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69725

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48380-5	Units:	mg/L	MSD Lab Sample ID:	600-48380-5
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/12/2012 1248			Analysis Date:	01/12/2012 1250
Prep Date:	01/10/2012 0835			Prep Date:	01/10/2012 0835
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.5424	0.5478
Lead	0.00340	J	1.00	1.00	0.9967	0.9964

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Duplicate - Batch: 600-69725

Method: 6010B
Preparation: 3010A

Lab Sample ID:	600-48380-5	Analysis Batch:	600-69797	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	B011012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/10/2012 1549	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.000350	U	0.000350	NC	20	U
Lead	0.00368	J	0.006930	61	20	J

Duplicate - Batch: 600-69725

Method: 6010B
Preparation: 3010A

Lab Sample ID:	600-48380-5	Analysis Batch:	600-69942	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	a011212.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/12/2012 1245	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.000350	U	0.000350	NC	20	U
Lead	0.00340	J	0.007200	72	20	J

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Method Blank - Batch: 600-69984

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 600-69984/4	Analysis Batch:	600-69984	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	12.0000.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/12/2012 1156	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Sulfate	0.200	U	0.200	0.500

Lab Control Sample - Batch: 600-69984

Method: 300.0
Preparation: N/A

Lab Sample ID:	LCS 600-69984/5	Analysis Batch:	600-69984	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	13.0000.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/12/2012 1213	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	20.0	20.78	104	90 - 110	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Method Blank - Batch: 600-69903

Method: 9056
Preparation: N/A

Lab Sample ID:	MB 600-69833/1-A	Analysis Batch:	600-69903	Instrument ID:	WC11
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	15.0000.TXT
Dilution:	1.0	Leach Batch:	600-69833	Initial Weight/Volume:	5 mL
Analysis Date:	01/11/2012 1426	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	01/10/2012 1600				

Analyte	Result	Qual	MDL	RL
Sulfate-Soluble	0.200	U	0.200	0.500

Lab Control Sample - Batch: 600-69903

Method: 9056
Preparation: N/A

Lab Sample ID:	LCS 600-69833/2-A	Analysis Batch:	600-69903	Instrument ID:	WC11
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	16.0000.TXT
Dilution:	1.0	Leach Batch:	600-69833	Initial Weight/Volume:	5 mL
Analysis Date:	01/11/2012 1446	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	01/10/2012 1600				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate-Soluble	20.0	20.93	105	90 - 110	

TX_1005

Texas - Total Petroleum Hydrocarbon (GC) by Method TX_1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	OTPH #
2012-RMSA-2 (0.5-2.5')	600-48380-1	100
2012-RMSA-3(1-3')	600-48380-2	98
	MB 600-69727/1-A	95
	LCS 600-69727/2-A	107

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Water Level: Low

GC Column (2): ID:

Client Sample ID	Lab Sample ID	OTPH #
Field Blank 1	600-48380-4	83
Equipment Blank 2	600-48380-5	81
Trip Blank (1/5/12)	600-48380-6	80
	MB 600-69827/1-A	87
	LCS 600-69827/2-A	101
Equipment Blank 2 MS	600-48380-5 MS	102
Equipment Blank 2 MSD	600-48380-5 MSD	111

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A011112_015.d

Lab ID: LCS 600-69727/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	250	232.1	93	75-125	
>C12-C28	250	280.0	112	75-125	
C6-C35	500	512.1	102	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B011112_004.d

Lab ID: LCS 600-69827/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
C6-C12	33.3	26.41	79	75-125	
>C12-C28	33.3	37.84	114	75-125	
C6-C35	66.7	64.25	96	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B011112_009.d

Lab ID: 600-48380-5 MS Client ID: Equipment Blank 2 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
C6-C12	32.4	0.357 U	29.08	90	75-125	
>C12-C28	32.4	0.309 U	33.22	102	75-125	
C6-C35	64.9	0.541 U	62.30	96	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B011112_010.d

Lab ID: 600-48380-5 MSD Client ID: Equipment Blank 2 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C6-C12	32.4	28.34	87	3	20	75-125	
>C12-C28	32.4	32.66	101	2	20	75-125	
C6-C35	64.8	61.00	94	2	20	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab File ID: A011112_014.d Lab Sample ID: MB 600-69727/1-A

Matrix: Solid Date Extracted: 01/10/2012 08:51

Instrument ID: FID07 Date Analyzed: 01/12/2012 01:22

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-69727/2-A	A011112_015.d	01/12/2012 01:58
2012-RMSA-2 (0.5-2.5')	600-48380-1	A011112_019.d	01/12/2012 04:20
2012-RMSA-3(1-3')	600-48380-2	A011112_020.d	01/12/2012 04:55

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab File ID: B011112_003.d Lab Sample ID: MB 600-69827/1-A

Matrix: Water Date Extracted: 01/11/2012 10:44

Instrument ID: FID07 Date Analyzed: 01/11/2012 18:53

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-69827/2-A	B011112_004.d	01/11/2012 19:28
Field Blank 1	600-48380-4	B011112_007.d	01/11/2012 21:13
Equipment Blank 2	600-48380-5	B011112_008.d	01/11/2012 21:48
Equipment Blank 2 MS	600-48380-5 MS	B011112_009.d	01/11/2012 22:24
Equipment Blank 2 MSD	600-48380-5 MSD	B011112_010.d	01/11/2012 23:00
Trip Blank (1/5/12)	600-48380-6	B011112_011.d	01/11/2012 23:36

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Sample No.: CCVRT 600-72331/1 Date Analyzed: 01/11/2012 18:18

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): A011112_002.d Heated Purge: (Y/N) N

Calibration ID: 762

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				12.98		
UPPER LIMIT				13.08		
LOWER LIMIT				12.88		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-72331/1		01/11/2012 18:18	A011112_002.d	12.98		
CCV 600-72331/2		01/12/2012 00:47	A011112_013.d	12.98		
MB 600-69727/1-A		01/12/2012 01:22	A011112_014.d	12.98		
LCS 600-69727/2-A		01/12/2012 01:58	A011112_015.d	12.98		
600-48380-1	2012-RMSA-2 (0.5-2.5')	01/12/2012 04:20	A011112_019.d	12.98		
600-48380-2	2012-RMSA-3(1-3')	01/12/2012 04:55	A011112_020.d	12.98		
CCV 600-72331/10		01/12/2012 06:06	A011112_022.d	12.98		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Sample No.: CCVRT 600-72332/1 Date Analyzed: 01/11/2012 18:18

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): B011112_002.d Heated Purge: (Y/N) N

Calibration ID: 767

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				13.31		
UPPER LIMIT				13.41		
LOWER LIMIT				13.21		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-72332/1		01/11/2012 18:18	B011112_002.d	13.31		
MB 600-69827/1-A		01/11/2012 18:53	B011112_003.d	13.31		
LCS 600-69827/2-A		01/11/2012 19:28	B011112_004.d	13.31		
600-48380-4	Field Blank 1	01/11/2012 21:13	B011112_007.d	13.31		
600-48380-5	Equipment Blank 2	01/11/2012 21:48	B011112_008.d	13.31		
600-48380-5 MS	Equipment Blank 2 MS	01/11/2012 22:24	B011112_009.d	13.31		
600-48380-5 MSD	Equipment Blank 2 MSD	01/11/2012 23:00	B011112_010.d	13.31		
600-48380-6	Trip Blank (1/5/12)	01/11/2012 23:36	B011112_011.d	13.31		
CCV 600-72332/8		01/12/2012 00:47	B011112_013.d	13.31		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48380-1

SDG No.:

Client Sample ID: 2012-RMSA-2 (0.5-2.5') | Lab Sample ID: 600-48380-1

Matrix: Solid | Lab File ID: A011112_019.d

Analysis Method: TX 1005 | Date Collected: 01/05/2012 10:00

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/10/2012 08:51

Sample wt/vol: 10.01(g) | Date Analyzed: 01/12/2012 04:20

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 29.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72331 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.59	U	35.3	6.59
STL00035	>C12-C28	8.55	U	35.3	8.55
STL00147	>C28-C35	13.5	U	35.3	13.5
STL00006	C6-C35	13.5	U	35.3	13.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	100		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_019.d
Lab Smp Id: 600-48380-C-1-A Client Smp ID: 2012-RMSA-2 (0.5-2.
Inj Date : 12-JAN-2012 04:20
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48380-C-1-A
Misc Info : 600-48380-C-1-A
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.010	Sample Weight
Uf	2.000	Unit Factor
M	29.200	% Moisture
Cpnd Variable		Local Compound Variable

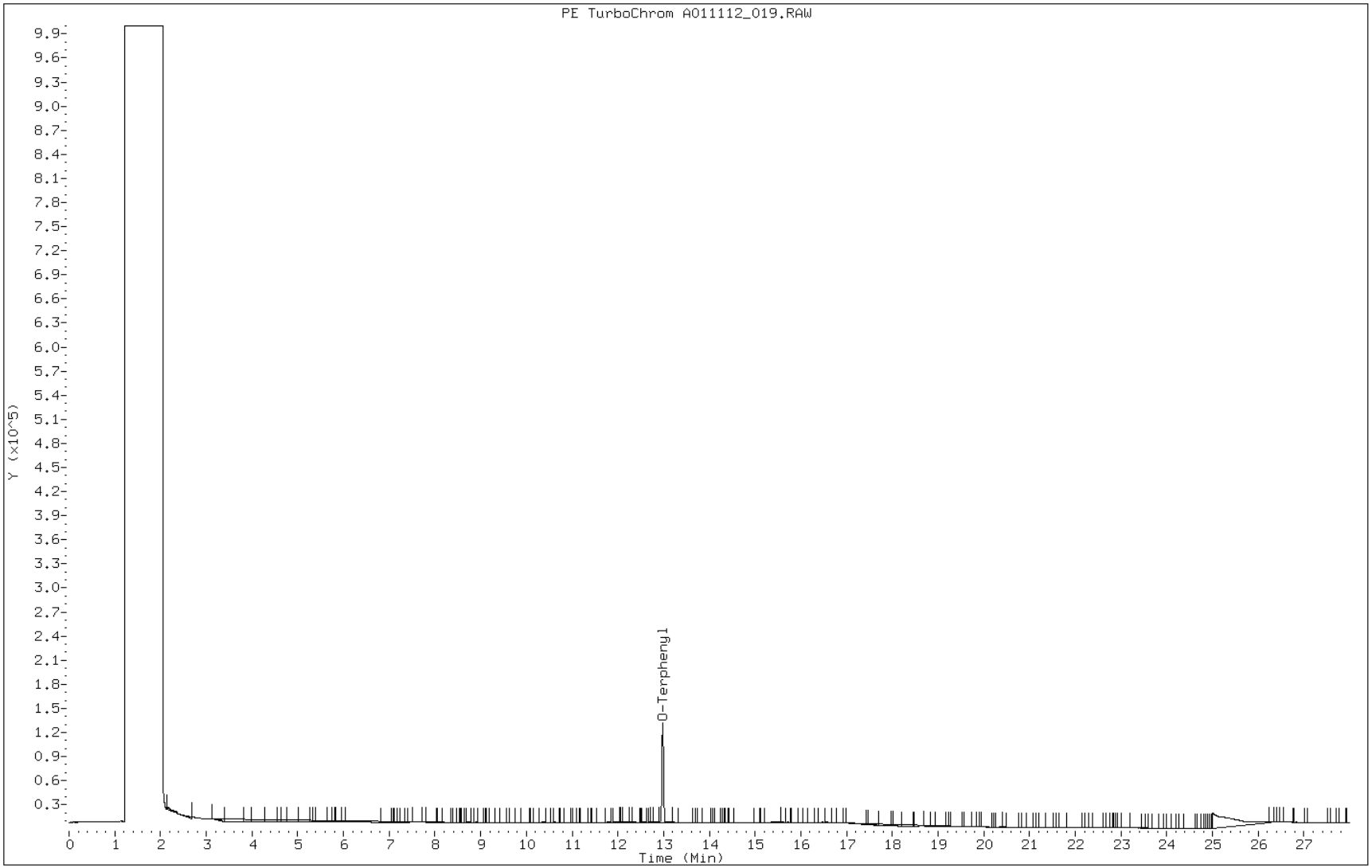
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
$ 4 O-Terphenyl	12.980	13.014	-0.034	307155	12.5275	17.68

Data File: A011112_019.d

Date: 12-JAN-2012 04:20

Client ID: 2012-RMSA-2 (0.5-2. Instrument: FID-07.i

Sample Info: 600-48380-C-1-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Client Sample ID: 2012-RMSA-3(1-3') Lab Sample ID: 600-48380-2

Matrix: Solid Lab File ID: A011112_020.d

Analysis Method: TX 1005 Date Collected: 01/05/2012 10:38

Extraction Method: TX_1005_S_Prep Date Extracted: 01/10/2012 08:51

Sample wt/vol: 10.01(g) Date Analyzed: 01/12/2012 04:55

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 20.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 72331 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	5.90	U	31.6	5.90
STL00035	>C12-C28	7.66	U	31.6	7.66
STL00147	>C28-C35	12.1	U	31.6	12.1
STL00006	C6-C35	12.1	U	31.6	12.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	98		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_020.d
Lab Smp Id: 600-48380-C-2-B Client Smp ID: 2012-RMSA-3(1-3')
Inj Date : 12-JAN-2012 04:55
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48380-C-2-B
Misc Info : 600-48380-C-2-B
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.010	Sample Weight
Uf	2.000	Unit Factor
M	20.941	% Moisture
Cpnd Variable		Local Compound Variable

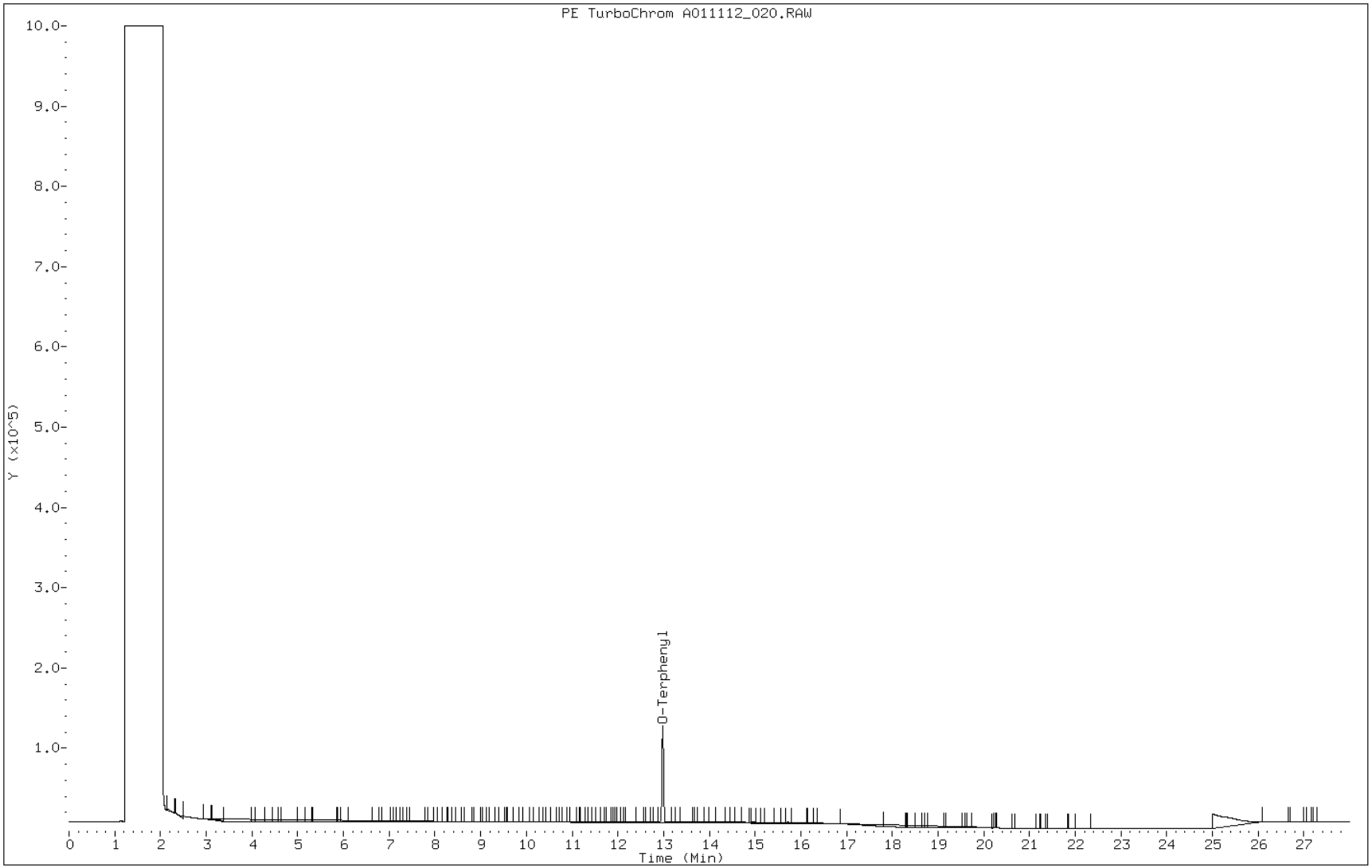
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	12.980	13.014	-0.034	300019	12.2364	15.46

Data File: A011112_020.d

Date: 12-JAN-2012 04:55

Client ID: 2012-RMSA-3(1-3') Instrument: FID-07.i

Sample Info: 600-48380-C-2-B Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48380-1

SDG No.:

Client Sample ID: Field Blank 1 | Lab Sample ID: 600-48380-4

Matrix: Water | Lab File ID: B011112_007.d

Analysis Method: TX 1005 | Date Collected: 01/05/2012 14:04

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.84(mL) | Date Analyzed: 01/11/2012 21:13

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.360	U	4.86	0.360
STL00035	>C12-C28	0.311	U	4.86	0.311
STL00147	>C28-C35	0.545	U	4.86	0.545
STL00006	C6-C35	0.545	U	4.86	0.545

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	83		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_007.d
Lab Smp Id: 600-48380-A-4-A Client Smp ID: Field Blank 1
Inj Date : 11-JAN-2012 21:13
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48380-A-4-A
Misc Info : 600-48380-A-4-A
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.840	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

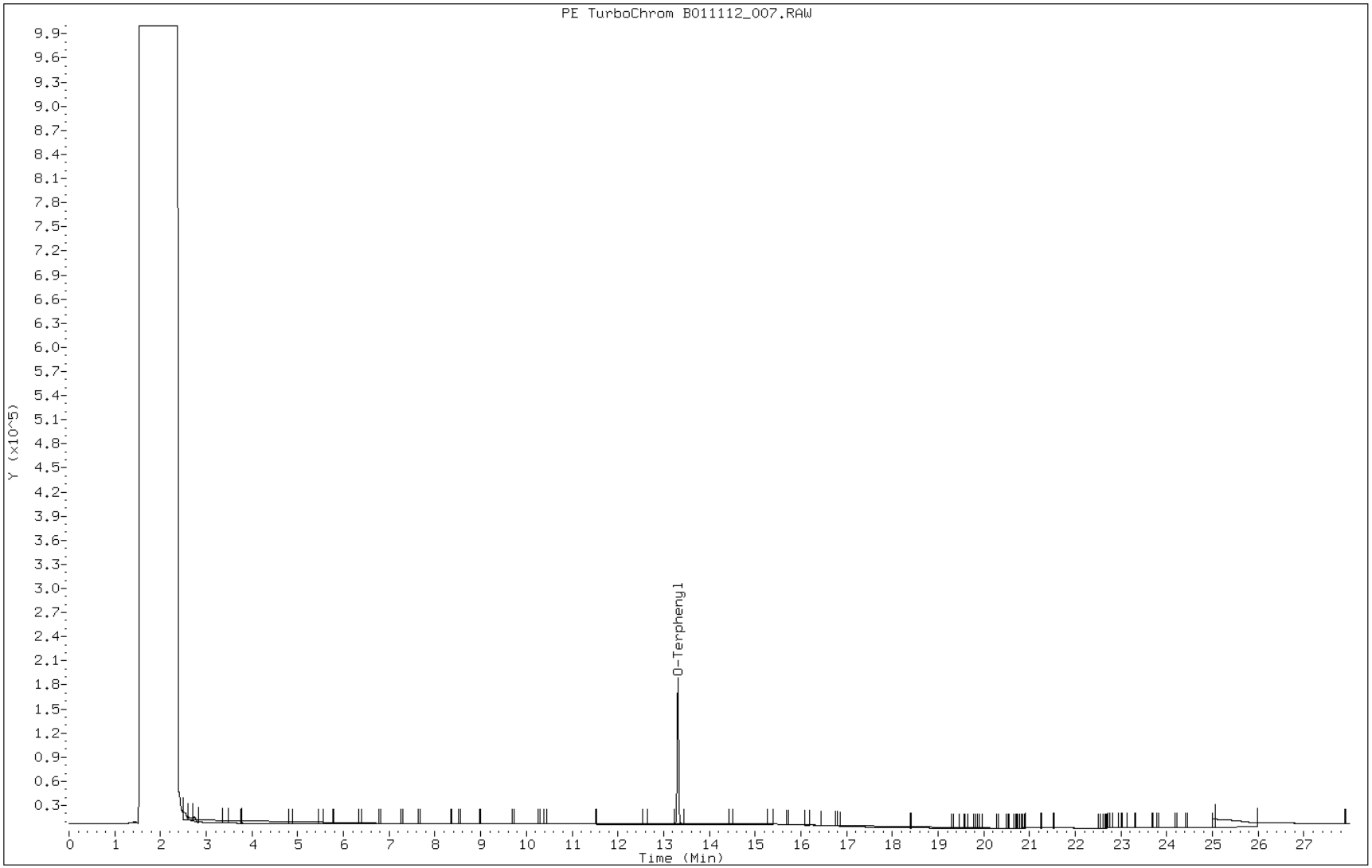
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
$ 4 O-Terphenyl	13.313	13.323	-0.010	427869	13.7651	1.34

Data File: B011112_007.d

Date: 11-JAN-2012 21:13

Client ID: Field Blank 1 Instrument: FID-07.i

Sample Info: 600-48380-A-4-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Client Sample ID: Equipment Blank 2 Lab Sample ID: 600-48380-5

Matrix: Water Lab File ID: B011112_008.d

Analysis Method: TX 1005 Date Collected: 01/05/2012 14:12

Extraction Method: TX_1005_W_Prep Date Extracted: 01/11/2012 10:44

Sample wt/vol: 31.06(mL) Date Analyzed: 01/11/2012 21:48

Con. Extract Vol.: 3.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.357	U	4.83	0.357
STL00035	>C12-C28	0.309	U	4.83	0.309
STL00147	>C28-C35	0.541	U	4.83	0.541
STL00006	C6-C35	0.541	U	4.83	0.541

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	81		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_008.d
Lab Smp Id: 600-48380-E-5-A Client Smp ID: Equipment Blank 2
Inj Date : 11-JAN-2012 21:48
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48380-E-5-A
Misc Info : 600-48380-E-5-A
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	31.060	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

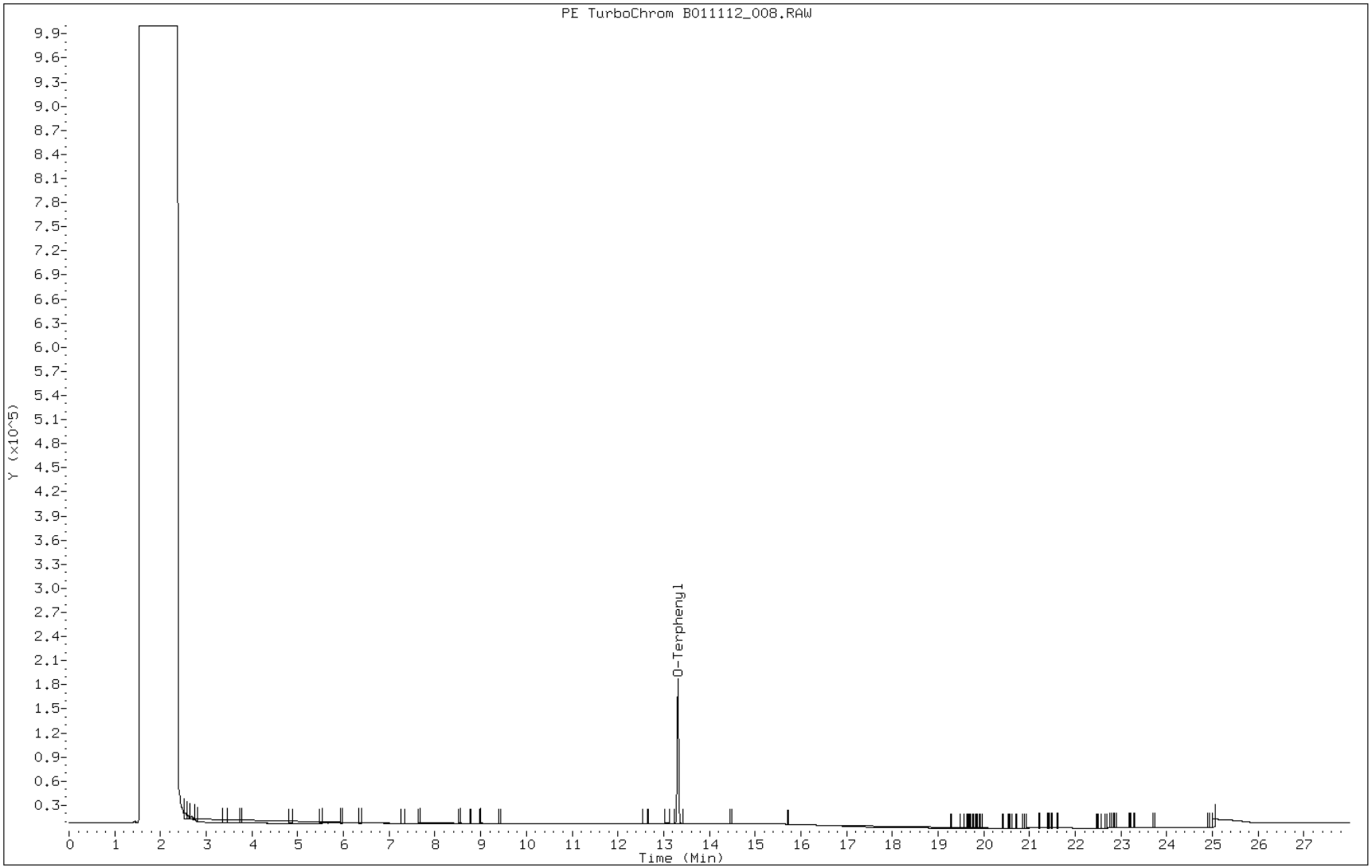
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
$ 4 O-Terphenyl	13.313	13.323	-0.010	421167	13.5495	1.31

Data File: B011112_008.d

Date: 11-JAN-2012 21:48

Client ID: Equipment Blank 2 Instrument: FID-07.i

Sample Info: 600-48380-E-5-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48380-1

SDG No.:

Client Sample ID: Trip Blank (1/5/12) | Lab Sample ID: 600-48380-6

Matrix: Water | Lab File ID: B011112_011.d

Analysis Method: TX 1005 | Date Collected: 01/05/2012 00:00

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.36(mL) | Date Analyzed: 01/11/2012 23:36

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.366	U	4.94	0.366
STL00035	>C12-C28	0.316	U	4.94	0.316
STL00147	>C28-C35	0.553	U	4.94	0.553
STL00006	C6-C35	0.553	U	4.94	0.553

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_011.d
Lab Smp Id: 600-48380-A-6-A Client Smp ID: Trip Blank (1/5/12)
Inj Date : 11-JAN-2012 23:36
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48380-A-6-A
Misc Info : 600-48380-A-6-A
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.360	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

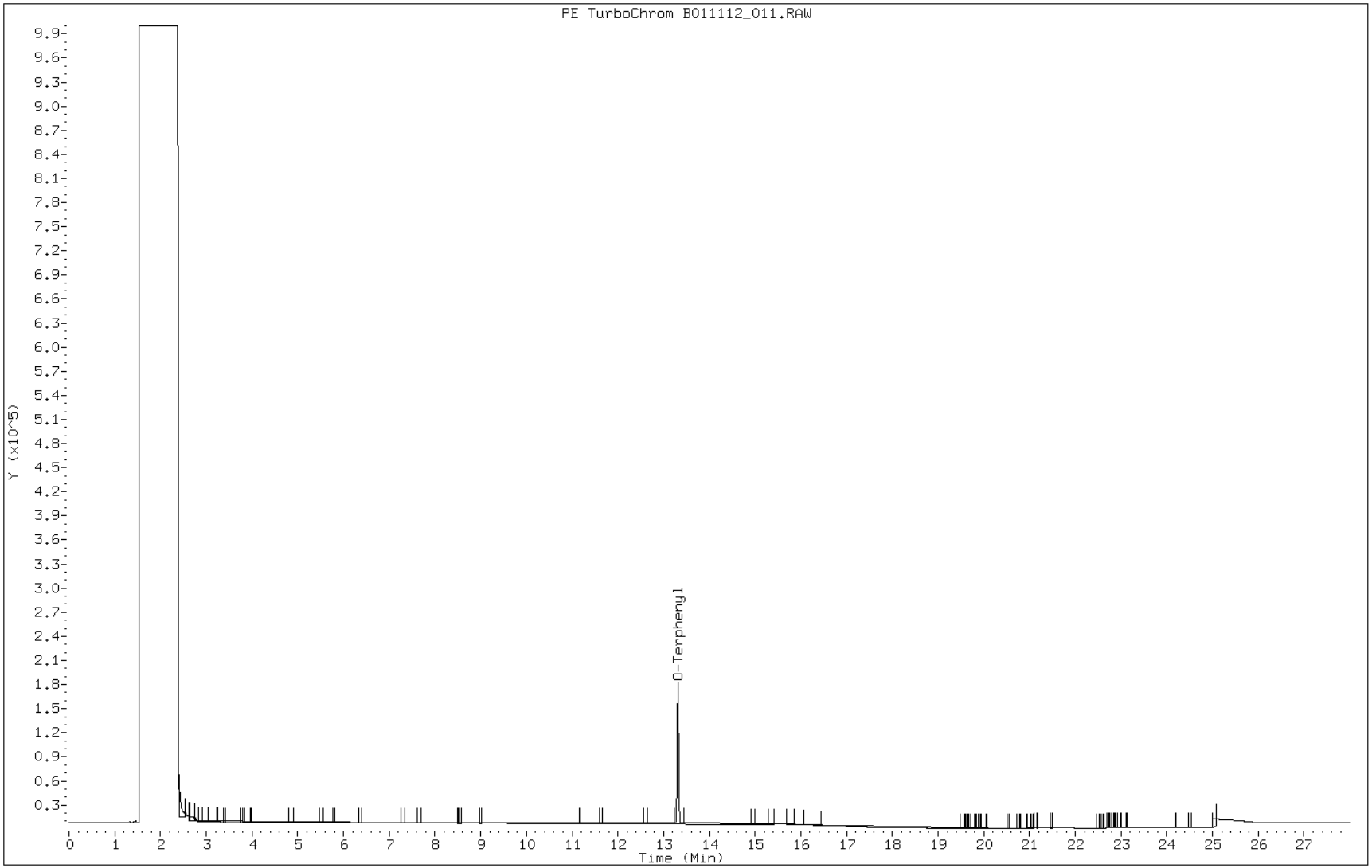
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$ 4 O-Terphenyl	13.313	13.323	-0.010	416926	13.4130	1.33

Data File: B011112_011.d

Date: 11-JAN-2012 23:36

Client ID: Trip Blank (1/5/12) Instrument: FID-07.i

Sample Info: 600-48380-A-6-A Operator: vanderborghr



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48380-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C12	5.600	5.600	5.600	5.600	5.600	5.600					2.200 - 9.000	5.600
C6-C35	11.300	11.300	11.300	11.300	11.300	11.300					2.200 - 20.400	11.300
>C12-C28	12.950	12.950	12.950	12.950	12.950	12.950					9.100 - 16.800	12.950
>C28-C35	18.650	18.650	18.650	18.650	18.650	18.650					16.900 - 20.400	18.650
o-Terphenyl	13.020	13.023	13.020	13.020	13.020	13.020					12.921 - 13.121	13.021

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-48380-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
C6-C12	16123 17162	17773 18356	19650	16565	Ave		17604.6831				7.3		25.0			
C6-C35	41728 45820	50512 46805	56954	44506	Ave		47720.8340				11.2		25.0			
>C12-C28	13891 15254	15901 15244	18145	14744	Ave		15529.7532				9.3		25.0			
>C28-C35	11714 13405	16837 13206	19159	13197	Ave		14586.3976				19.3		25.0			
o-Terphenyl	22091 23450	26235 23373	29832	22130	Ave		24518.4833				12.3		25.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-48380-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
C6-C12	Ave	806158 18355550	1777290	3930005	6625971	13729229	50.0 1000	100	200	400	800
C6-C35	Ave	2086404 46805385	5051166	11390776	17802396	36656007	50.0 1000	100	200	400	800
>C12-C28	Ave	694535 15243813	1590134	3628920	5897706	12203041	50.0 1000	100	200	400	800
>C28-C35	Ave	585711 13206022	1683742	3831851	5278719	10723737	50.0 1000	100	200	400	800
o-Terphenyl	Ave	69033 1460790	163969	372899	553257	1172523	3.13 62.5	6.25	12.5	25.0	50.0

Curve Type Legend:
Ave = Average

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_004.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 15:35
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 004
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			806158	50.0000	45.79
$	4 O-Terphenyl	13.020	13.020	0.000	69033	3.12500	2.82(M)
S	2 >C12-C28	9.100-16.800			694535	50.0000	44.72
S	3 >C28-C35	16.899-20.400			585711	50.0000	40.15
S	5 Total C6-C35				2086404	50.0000	130.7

QC Flag Legend

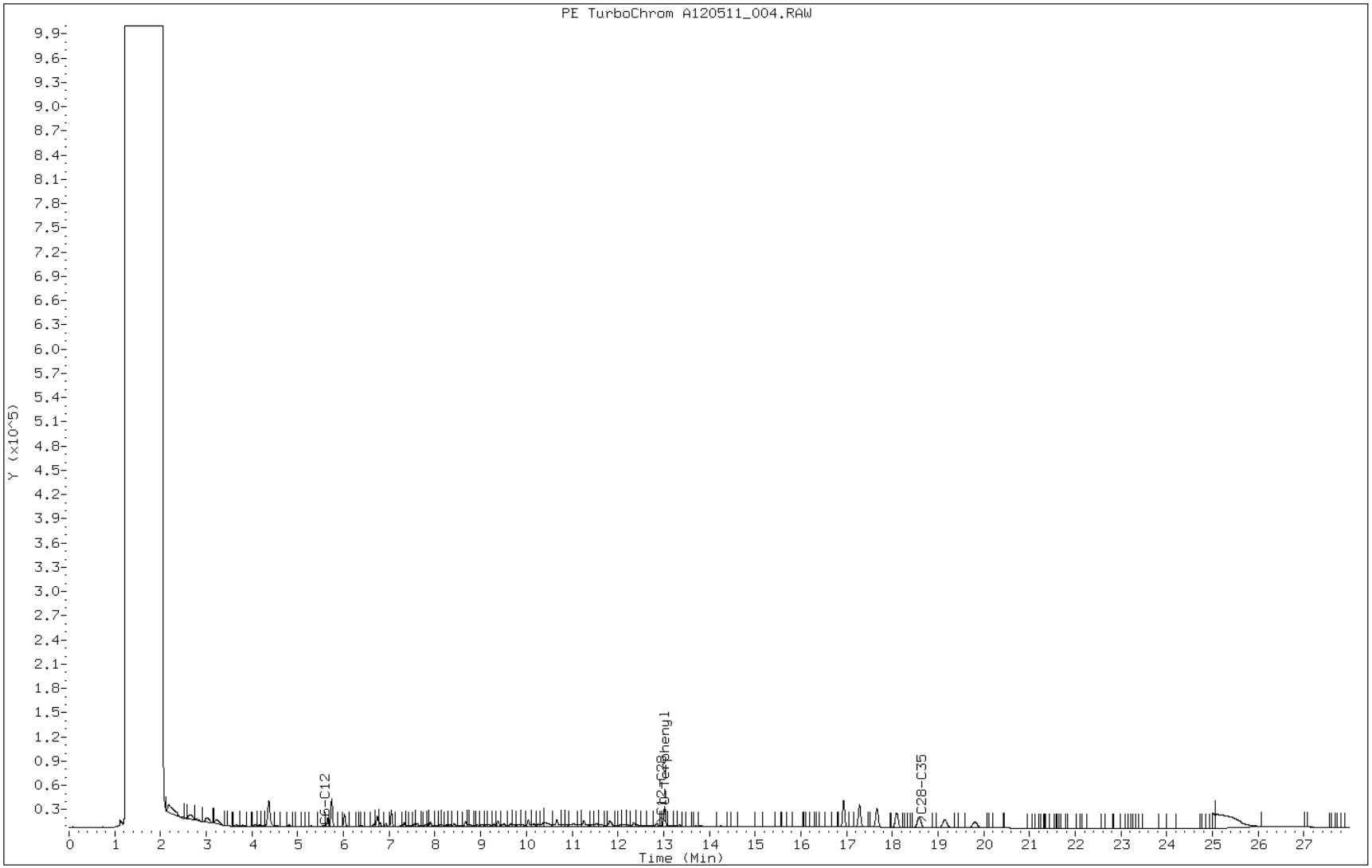
M - Compound response manually integrated.

Data File: A120511_004.d

Date: 05-DEC-2011 15:35

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: A120511_004.d
Inj. Date and Time: 05-DEC-2011 15:35
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/06/2011

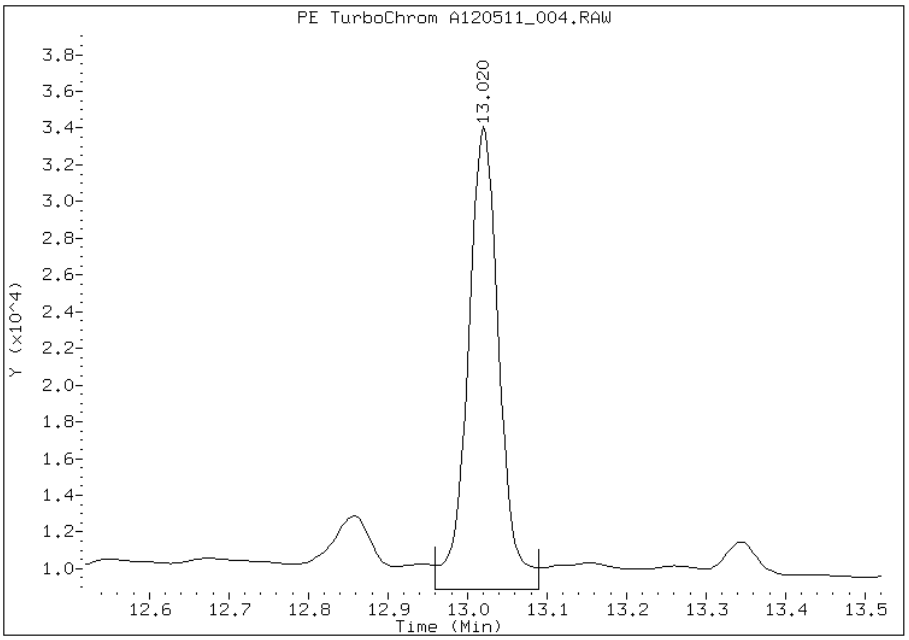
Processing Integration Results

RT: 13.02

Response: 68702

Amount: 2.80

Conc: 2.80



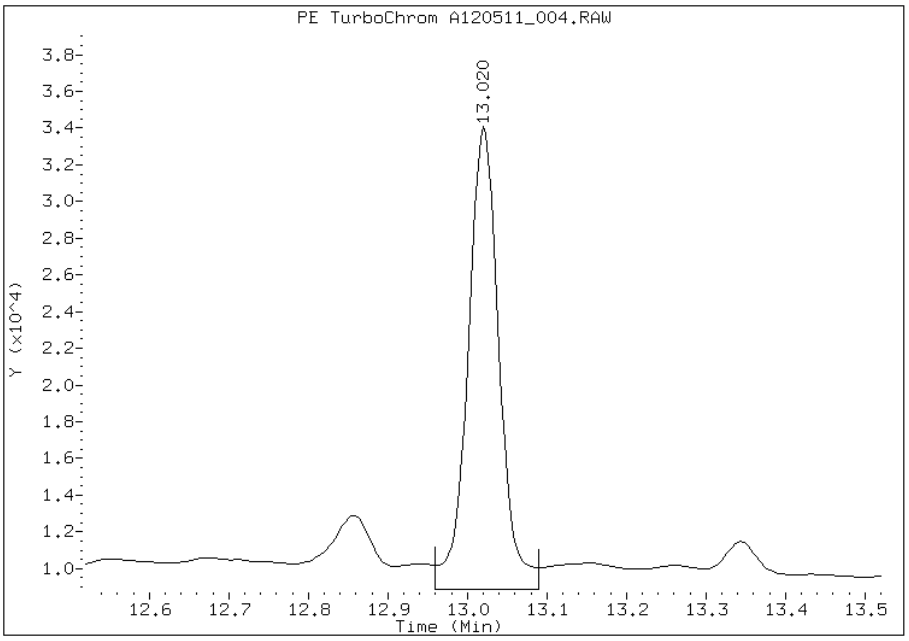
Manual Integration Results

RT: 13.02

Response: 69033

Amount: 2.82

Conc: 2.82



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_005.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 16:23
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 005
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 15:35 Cal File: A120511_004.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

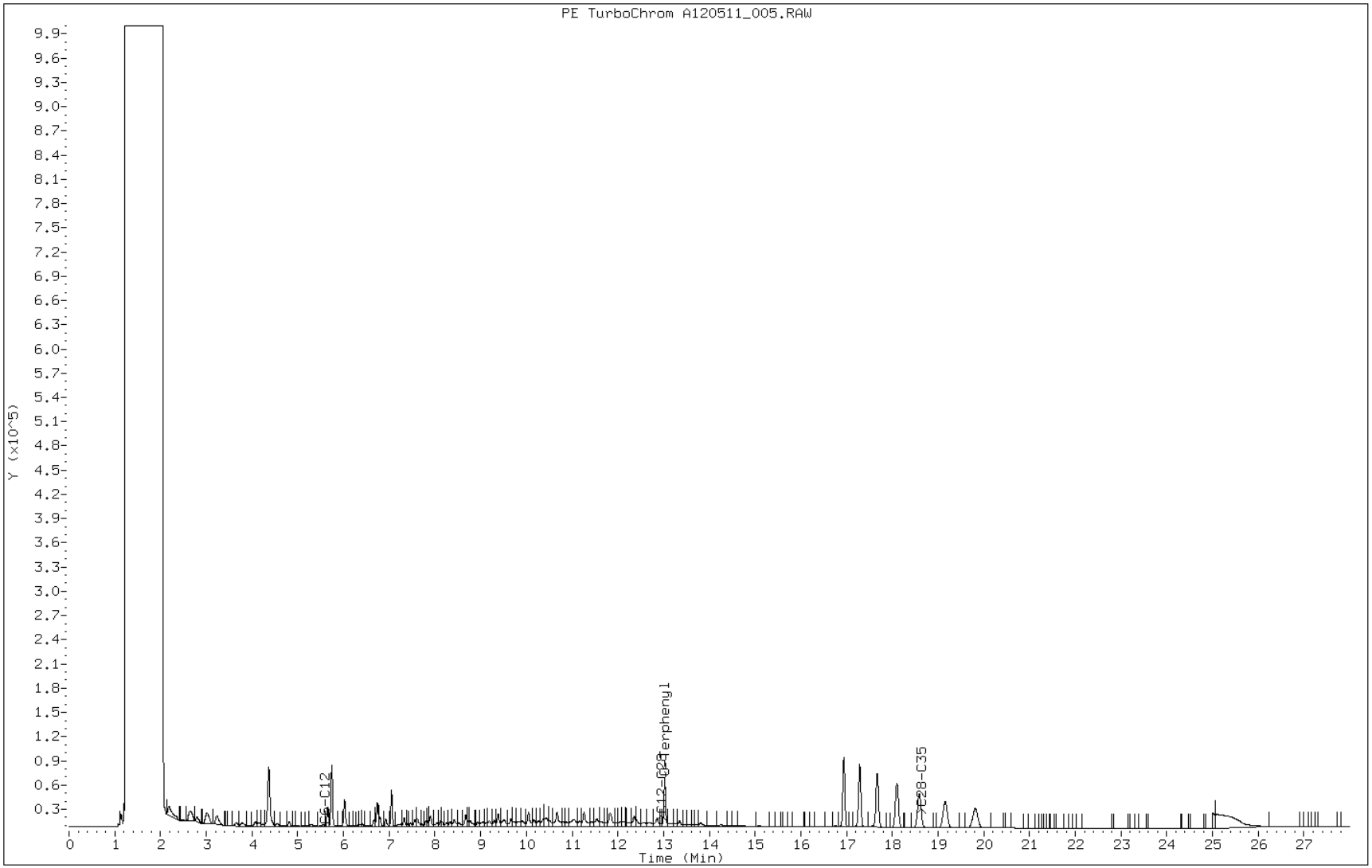
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(ug/mL)
S 1 C6-C12	2.200	-9.000		1777290		100.000	101.0
$ 4 O-Terphenyl	13.023	13.020	0.003	163969		6.25000	6.69
S 2 >C12-C28	9.100	-16.800		1590134		100.000	102.4
S 3 >C28-C35	16.899	-20.400		1683742		100.000	115.4
S 5 Total C6-C35				5051166		100.000	318.8

Data File: A120511_005.d

Date: 05-DEC-2011 16:23

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_006.d
Lab Smp Id: ICRT
Inj Date : 05-DEC-2011 17:03
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 006
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 07-Dec-2011 15:25 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 16:23 Cal File: A120511_005.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3930005	200.000	223.2
$	4 O-Terphenyl	13.020	13.020	0.000	372899	12.5000	15.21
S	2 >C12-C28	9.010-16.649			3628920	200.000	233.7(M)
S	3 >C28-C35	16.651-20.400			3831851	200.000	262.7(M)
S	5 Total C6-C35				11390776	200.000	719.6

QC Flag Legend

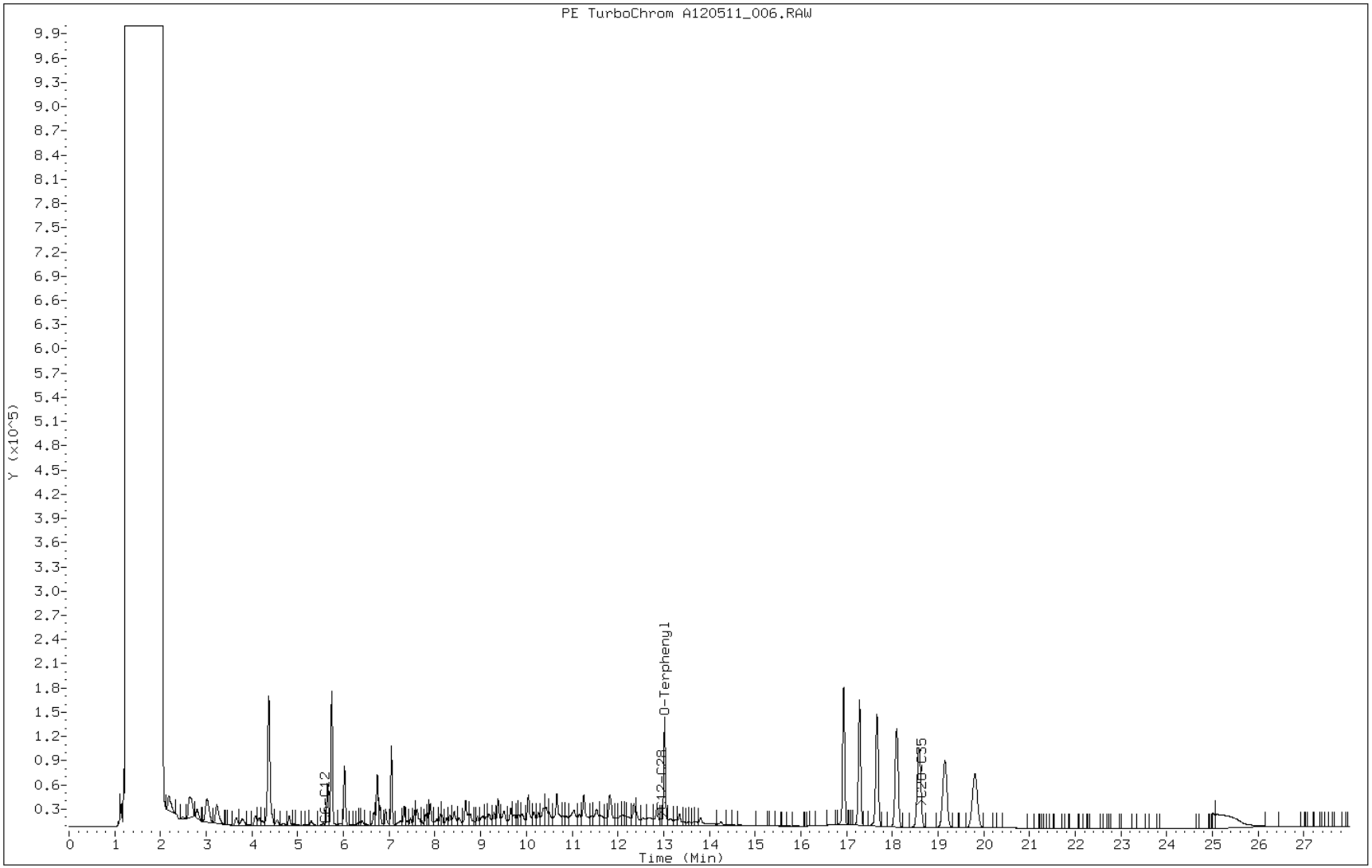
M - Compound response manually integrated.

Data File: A120511_006.d

Date: 05-DEC-2011 17:03

Client ID: Instrument: FID-07.i

Sample Info: ICRT Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_007.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 17:44
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 007
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

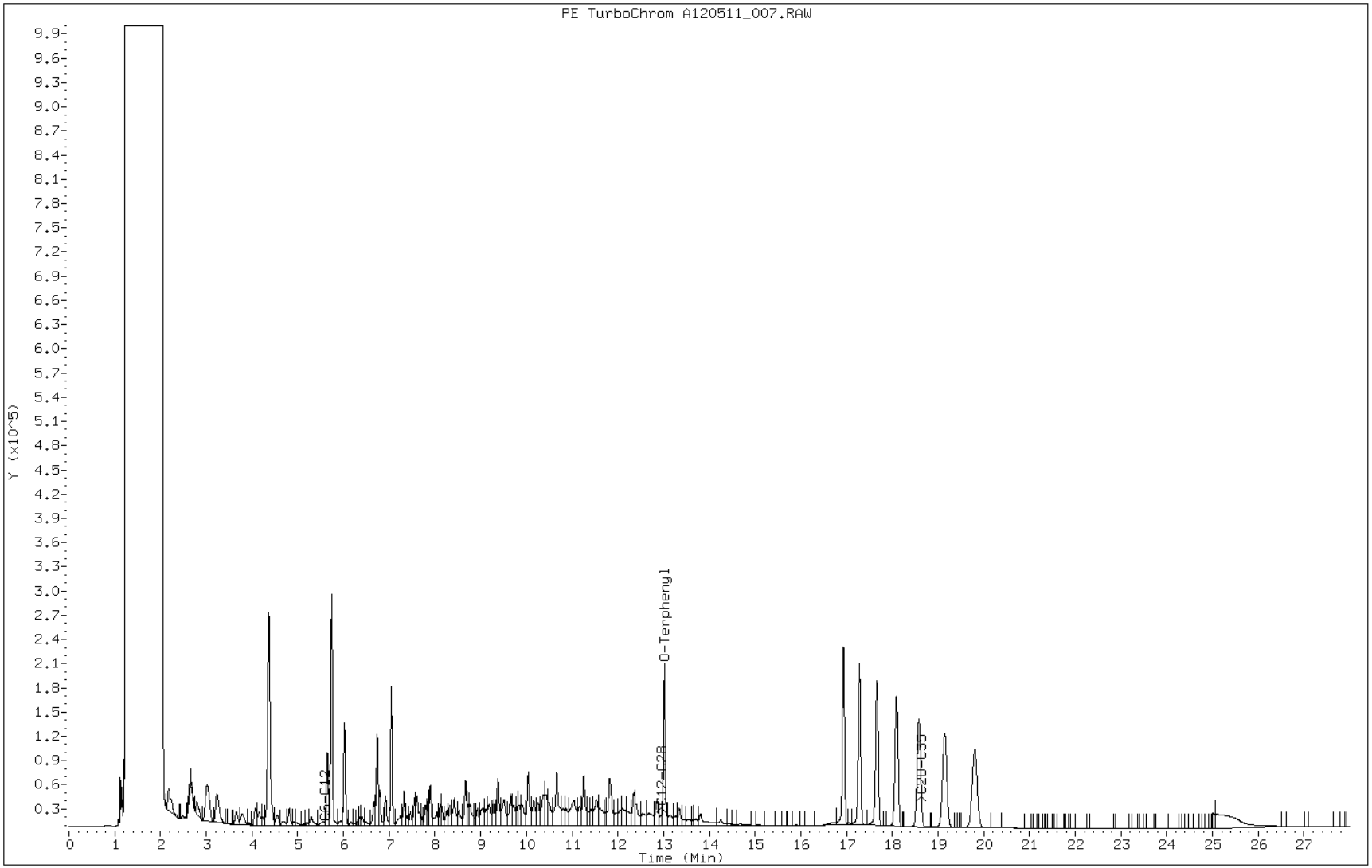
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(ug/mL)
S 1 C6-C12	2.200	-9.000		6625971		400.000	376.4
$ 4 O-Terphenyl	13.020	13.020	0.000	553257		25.0000	22.56
S 2 >C12-C28	9.100	-16.800		5897706		400.000	379.8
S 3 >C28-C35	16.899	-20.400		5278719		400.000	361.9
S 5 Total C6-C35				17802396		400.000	1118

Data File: A120511_007.d

Date: 05-DEC-2011 17:44

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_008.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 18:25
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 008
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:44 Cal File: A120511_007.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

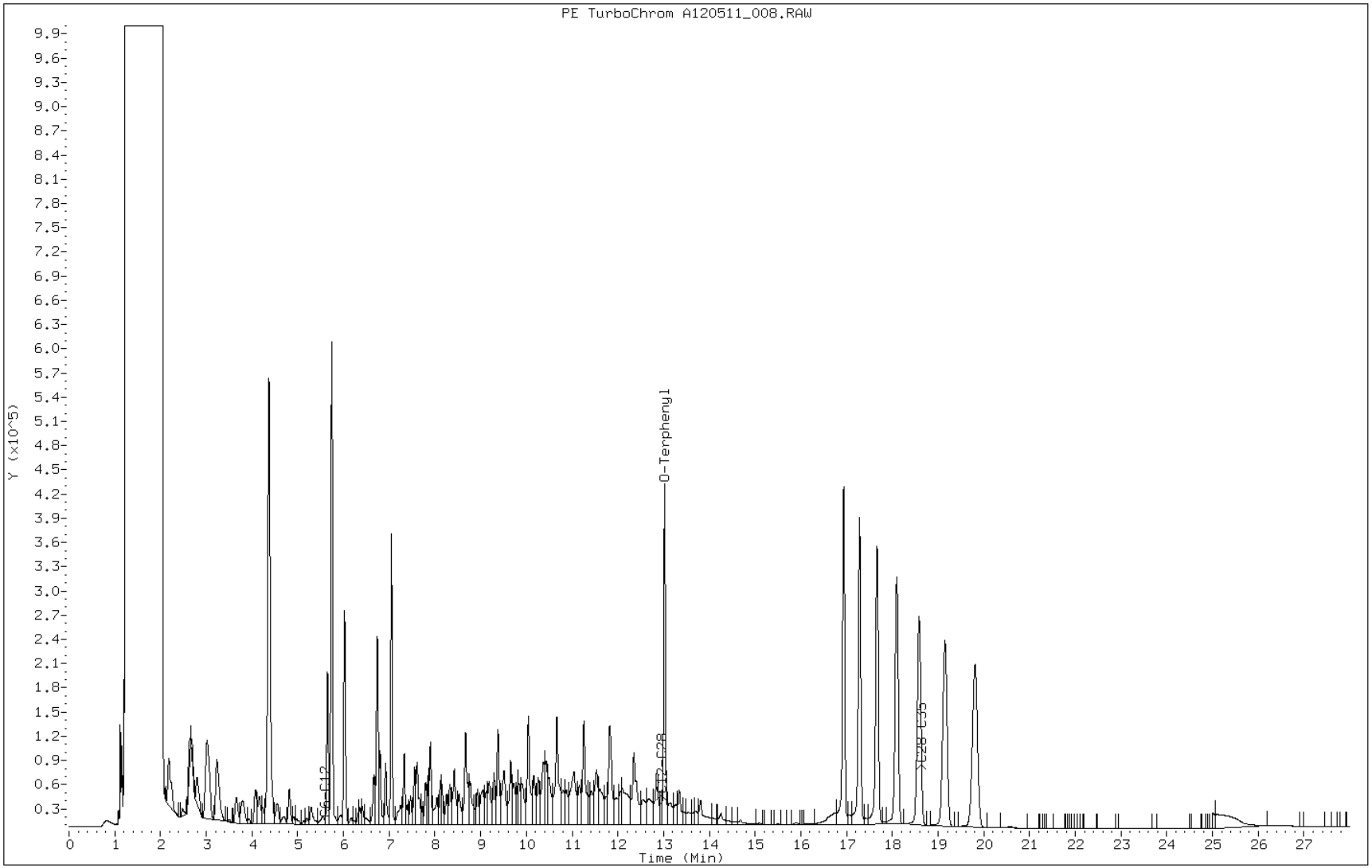
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			13729229	800.000	779.9
$	4 O-Terphenyl	13.020	13.020	0.000	1172523	50.0000	47.82
S	2 >C12-C28	9.100-16.800			12203041	800.000	785.8
S	3 >C28-C35	16.899-20.400			10723737	800.000	735.2
S	5 Total C6-C35				36656007	800.000	2301

Data File: A120511_008.d

Date: 05-DEC-2011 18:25

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_009.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 19:06
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 009
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 18:25 Cal File: A120511_008.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			18355550	1000.00	1043(A)
$	4 O-Terphenyl	13.020	13.020	0.000	1460790	62.5000	59.58
S	2 >C12-C28	9.100-16.800			15243813	1000.00	981.6
S	3 >C28-C35	16.899-20.400			13206022	1000.00	905.4
S	5 Total C6-C35				46805385	1000.00	2930

QC Flag Legend

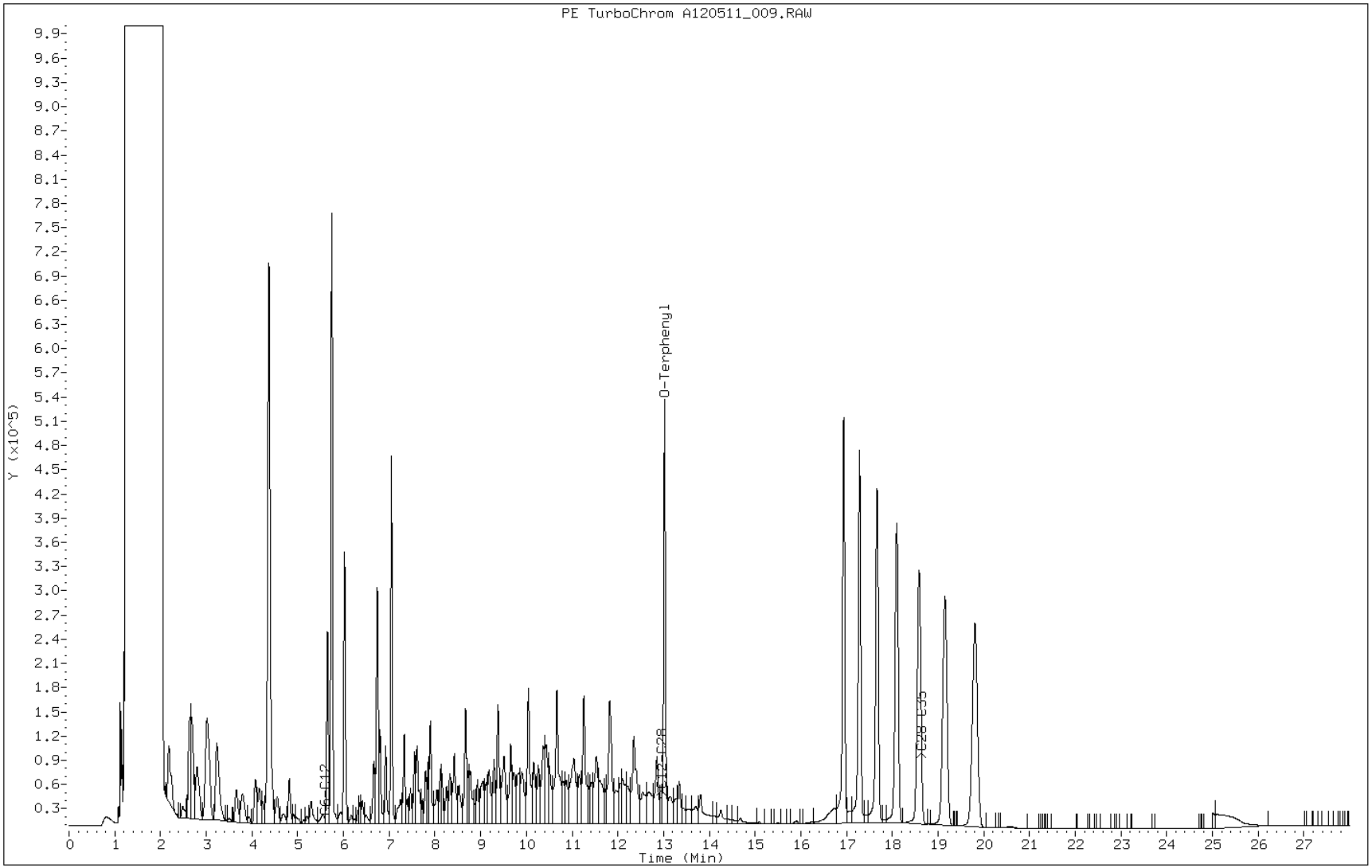
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: A120511_009.d

Date: 05-DEC-2011 19:06

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48380-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
C6-C12	5.050	5.050	5.050	5.050	5.050	5.050	5.050				2.600 - 7.500	5.050
>C12-C28	11.455	11.455	11.455	11.455	11.455	11.455	11.455				7.510 - 15.400	11.455
C6-C35	11.700	11.700	11.700	11.700	11.700	11.700	11.700				2.600 - 20.800	11.700
>C28-C35	18.105	18.105	18.105	18.105	18.105	18.105	18.105				15.410 - 20.800	18.105
o-Terphenyl	13.323	13.323	13.323	13.323	13.320	13.323	13.323				13.223 - 13.423	13.323

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-48380-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
C6-C12	18394 16069	18061 16539	17201 15810	16159	Ave		16890.3479				6.0		25.0			
>C12-C28	20769 24589	22641 25121	24341 24317	24211	Ave		23712.6569				6.3		25.0			
C6-C35	62470 62390	64382 64906	66738 62992	63392	Ave		63895.9426				2.4		25.0			
>C28-C35	23308 21732	23680 23246	25197 22865	23023	Ave		23292.9378				4.5		25.0			
o-Terphenyl	31428 29706	32314 31298	32224 30288	30328	Ave		31083.6926				3.2		25.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-48380-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
C6-C12	Ave	459846 13231331	903029 15810439	1720056	3231767	6427607	25.0 800	50.0 1000	100	200	400
>C12-C28	Ave	519221 20096874	1132058 24316636	2434090	4842155	9835678	25.0 800	50.0 1000	100	200	400
C6-C35	Ave	1561761 51924920	3219090 62992463	6673808	12678475	24956116	25.0 800	50.0 1000	100	200	400
>C28-C35	Ave	582694 18596715	1184003 22865388	2519662	4604553	8692831	25.0 800	50.0 1000	100	200	400
o-Terphenyl	Ave	49106 1564880	100980 1893028	201402	379097	742657	1.56 50.0	3.13 62.5	6.25	12.5	25.0

Curve Type Legend:
Ave = Average

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_003.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 17:54
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			459846	25.0000	27.23
$	4 O-Terphenyl	13.323	13.322	0.001	49106	1.56250	1.58(M)
S	2 >C12-C28	7.510-15.400			519221	25.0000	21.90
S	3 >C28-C35	15.410-20.800			582694	25.0000	25.02
S	5 Total C6-C35				1561761	25.0000	74.14

QC Flag Legend

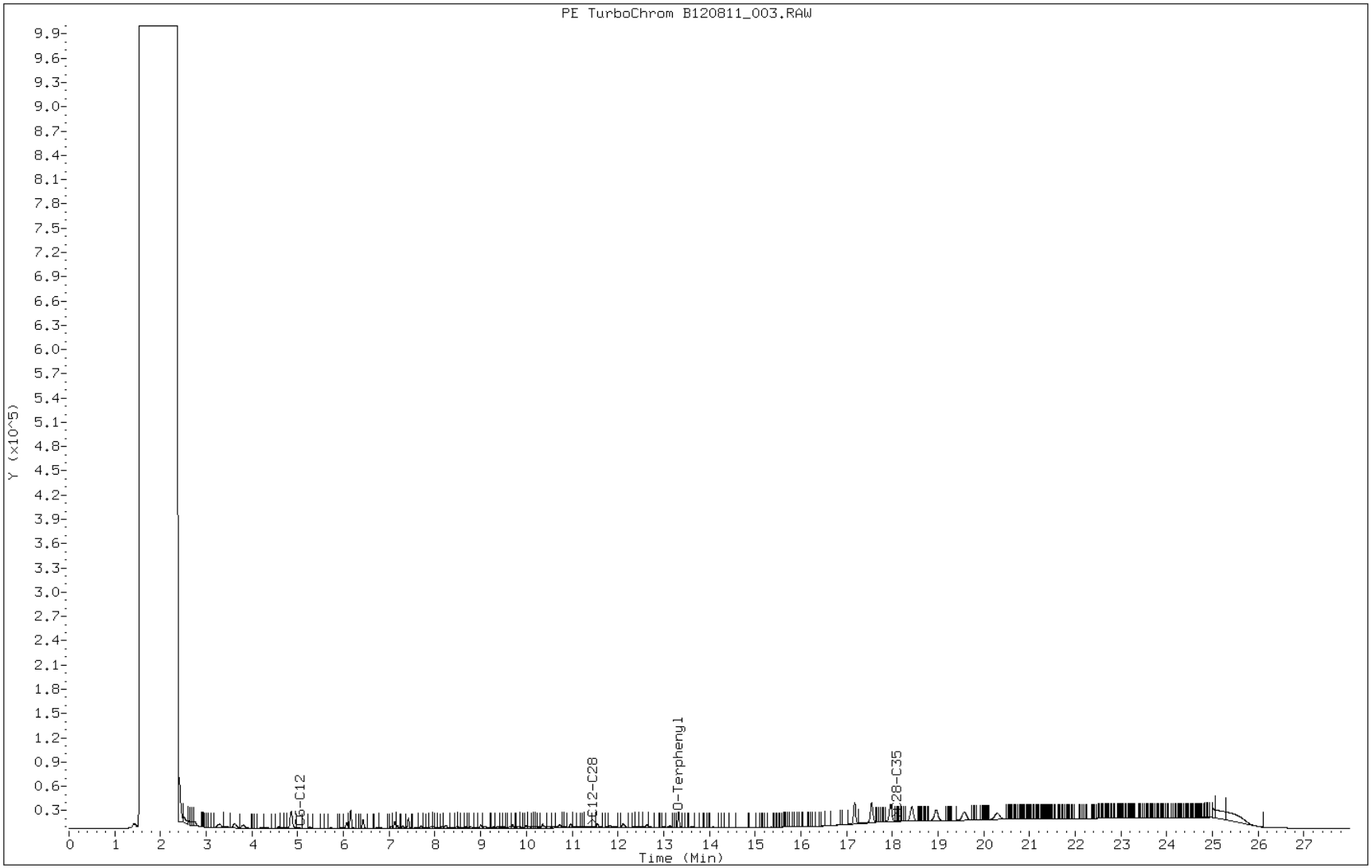
M - Compound response manually integrated.

Data File: B120811_003.d

Date: 08-DEC-2011 17:54

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_003.d
Inj. Date and Time: 08-DEC-2011 17:54
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

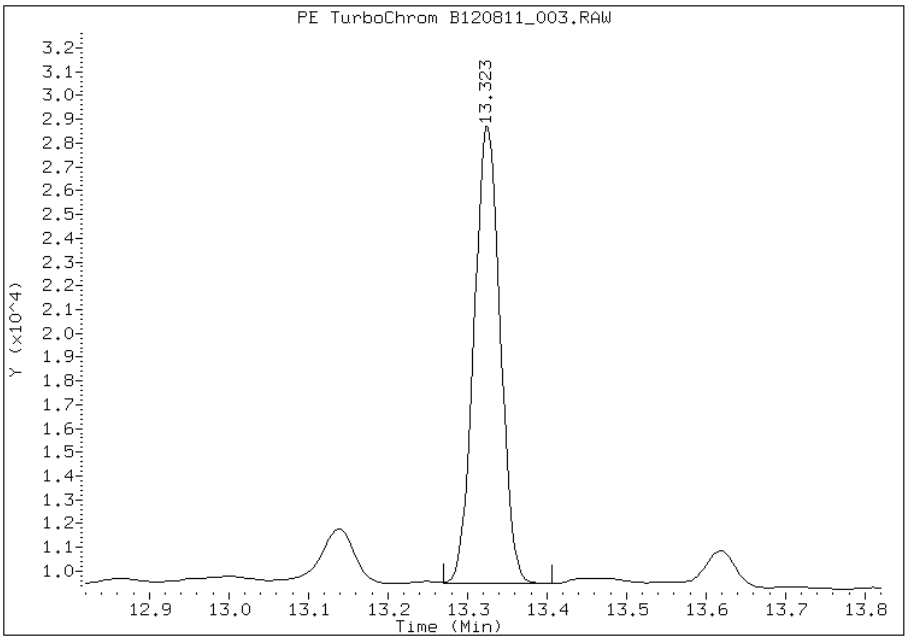
Processing Integration Results

RT: 13.32

Response: 44181

Amount: 1.51

Conc: 1.51



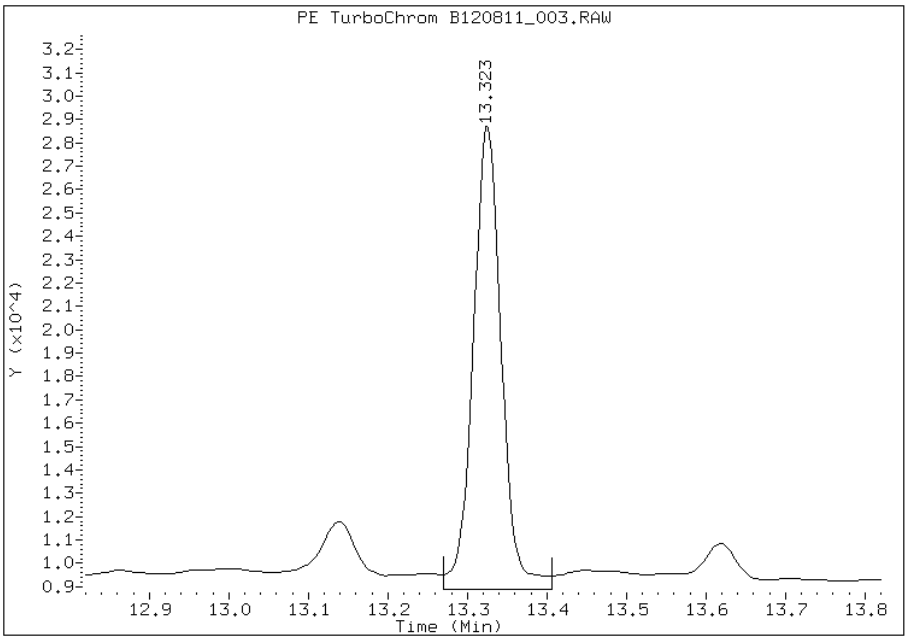
Manual Integration Results

RT: 13.32

Response: 49106

Amount: 1.58

Conc: 1.58



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_004.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 18:33
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 17:54 Cal File: B120811_003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			903029	50.0000	53.46
$	4 O-Terphenyl	13.323	13.322	0.001	100980	3.12500	3.25(M)
S	2 >C12-C28	7.510-15.400			1132058	50.0000	47.74
S	3 >C28-C35	15.410-20.800			1184003	50.0000	50.83
S	5 Total C6-C35				3219090	50.0000	152.0

QC Flag Legend

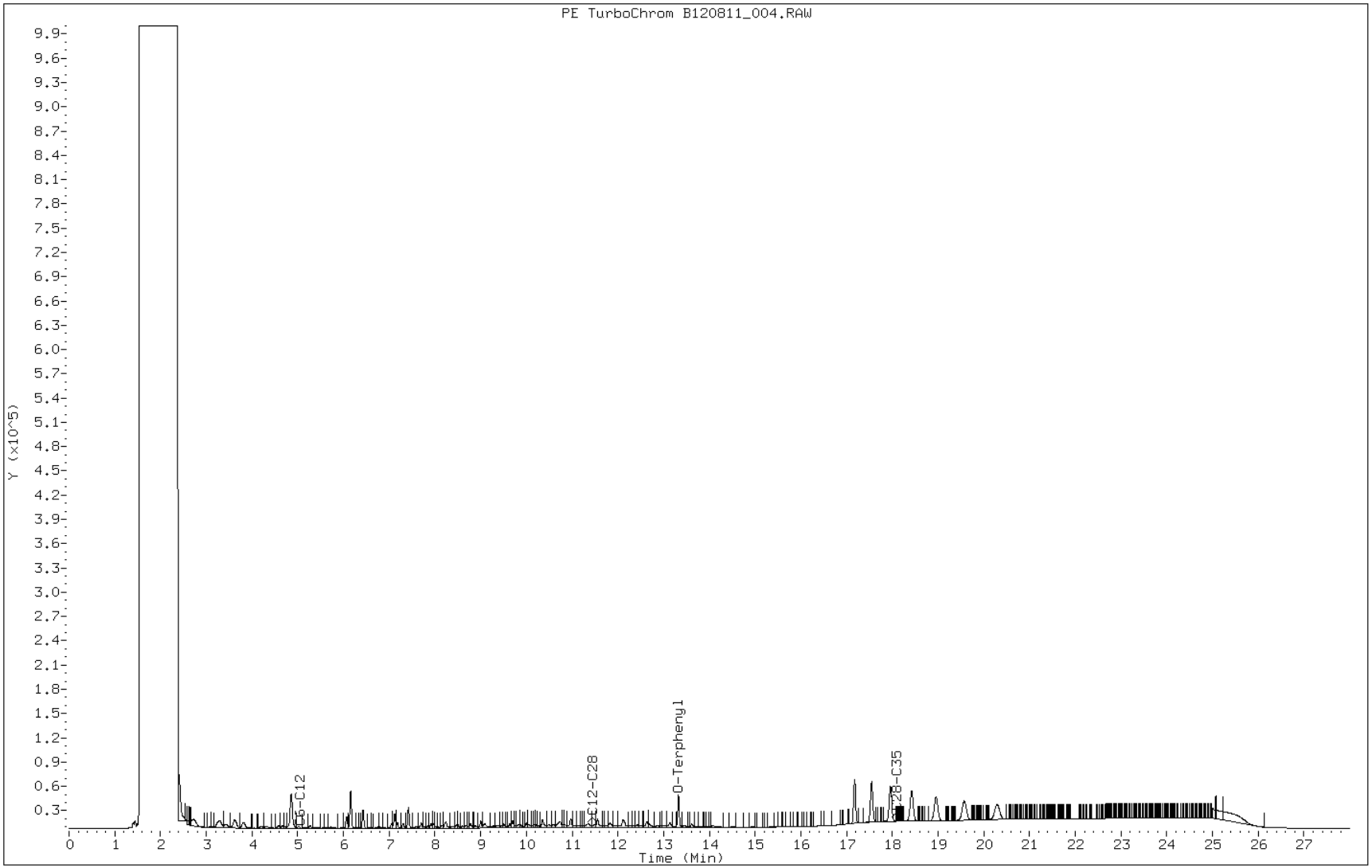
M - Compound response manually integrated.

Data File: B120811_004.d

Date: 08-DEC-2011 18:33

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_004.d
Inj. Date and Time: 08-DEC-2011 18:33
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

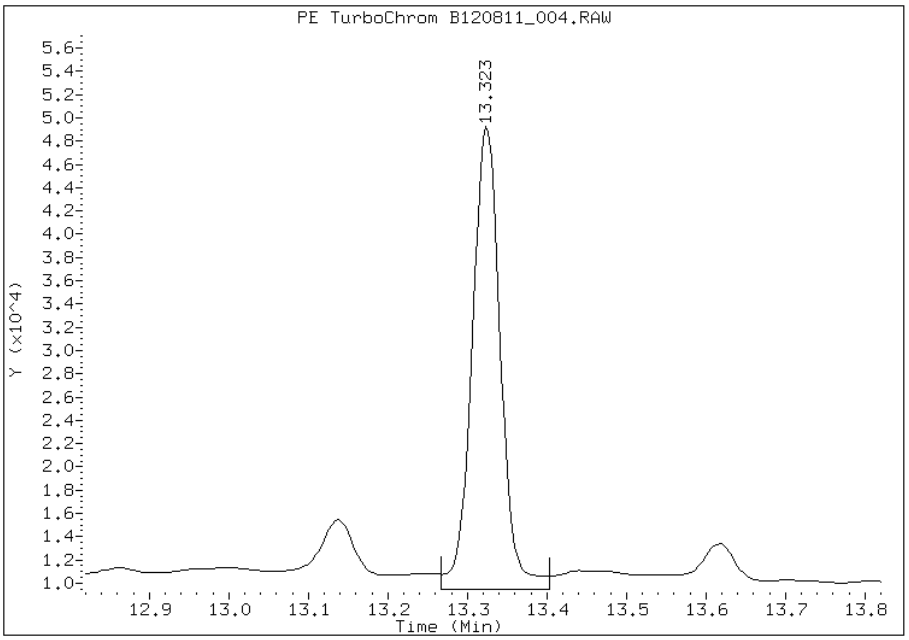
Processing Integration Results

RT: 13.32

Response: 99189

Amount: 3.21

Conc: 3.21



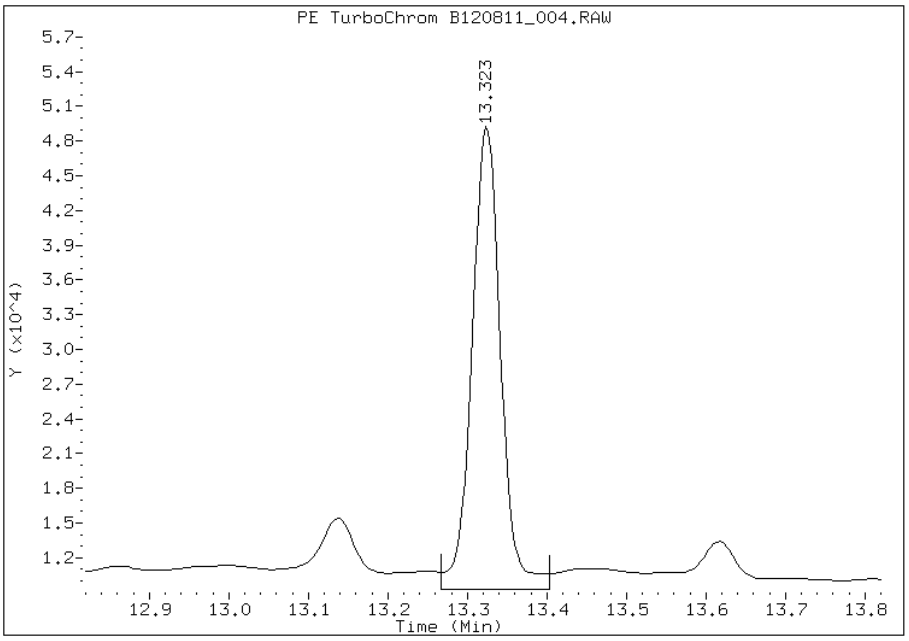
Manual Integration Results

RT: 13.32

Response: 100980

Amount: 3.25

Conc: 3.25



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_005.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 19:11
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 055
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 18:33 Cal File: B120811_004.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			1720056	100.000	101.8
$	4 O-Terphenyl	13.323	13.322	0.001	201402	6.25000	6.48(M)
S	2 >C12-C28	7.510-15.400			2434090	100.000	102.6
S	3 >C28-C35	15.410-20.800			2519662	100.000	108.2
S	5 Total C6-C35				6673808	100.000	312.7

QC Flag Legend

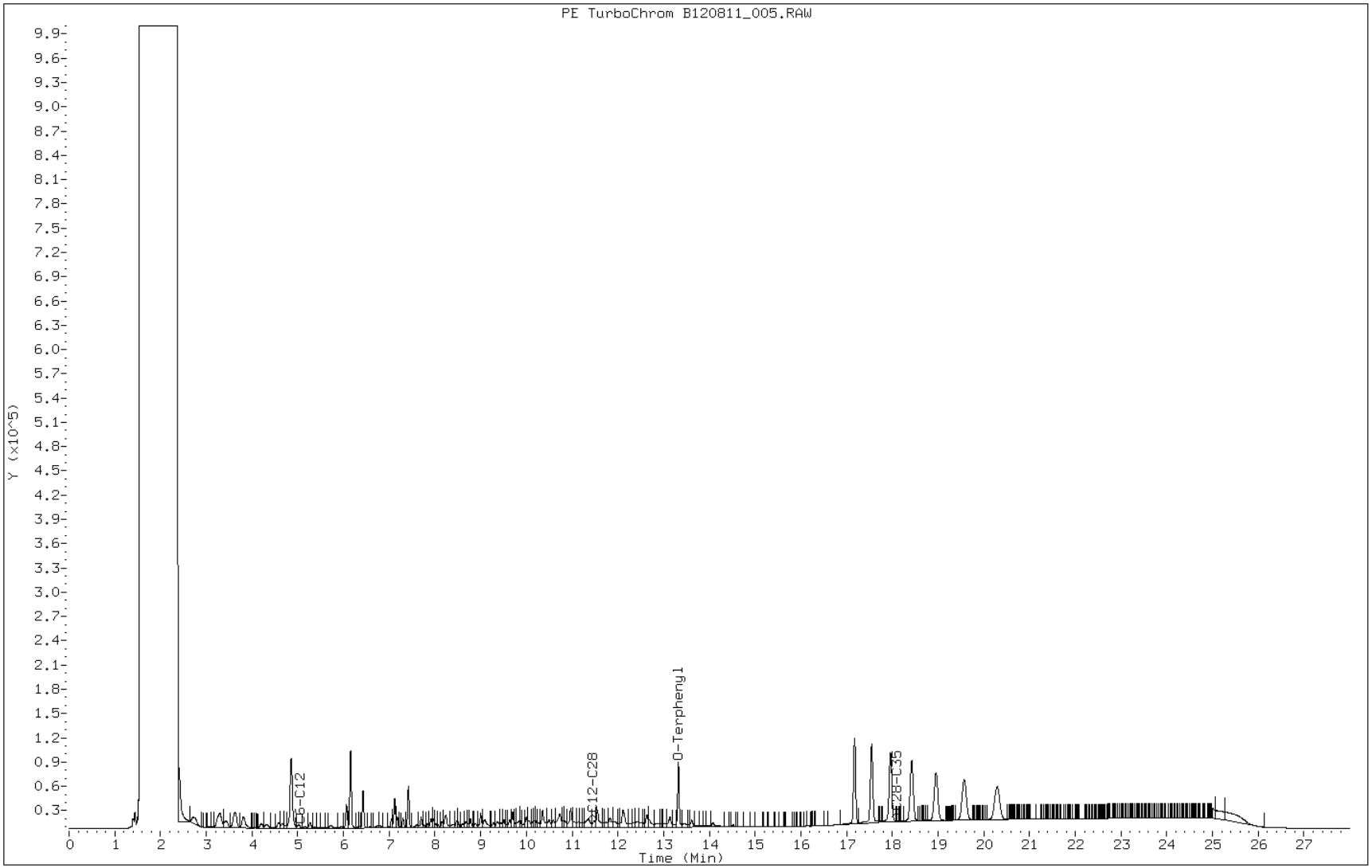
M - Compound response manually integrated.

Data File: B120811_005.d

Date: 08-DEC-2011 19:11

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_005.d
Inj. Date and Time: 08-DEC-2011 19:11
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

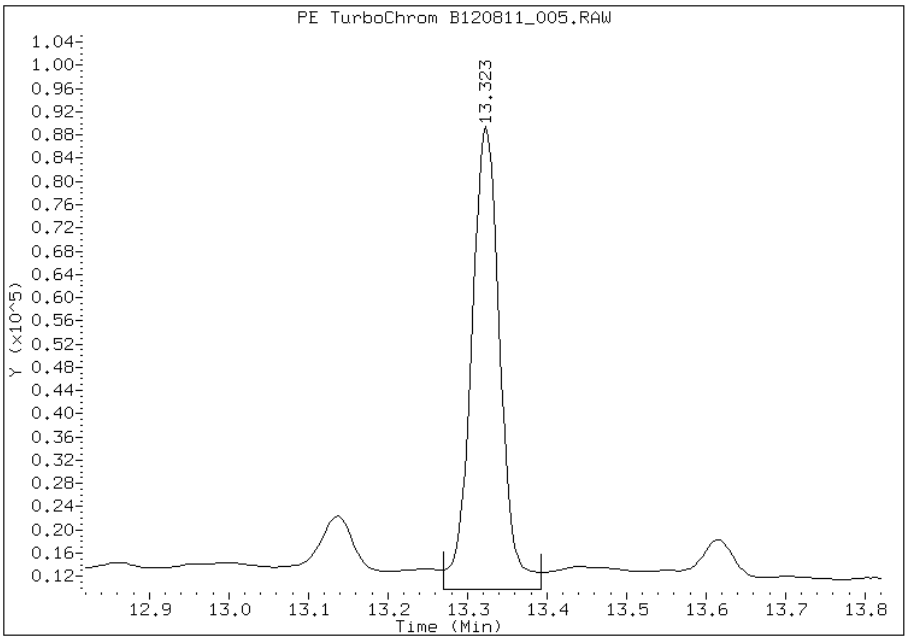
Processing Integration Results

RT: 13.32

Response: 200177

Amount: 6.47

Conc: 6.47



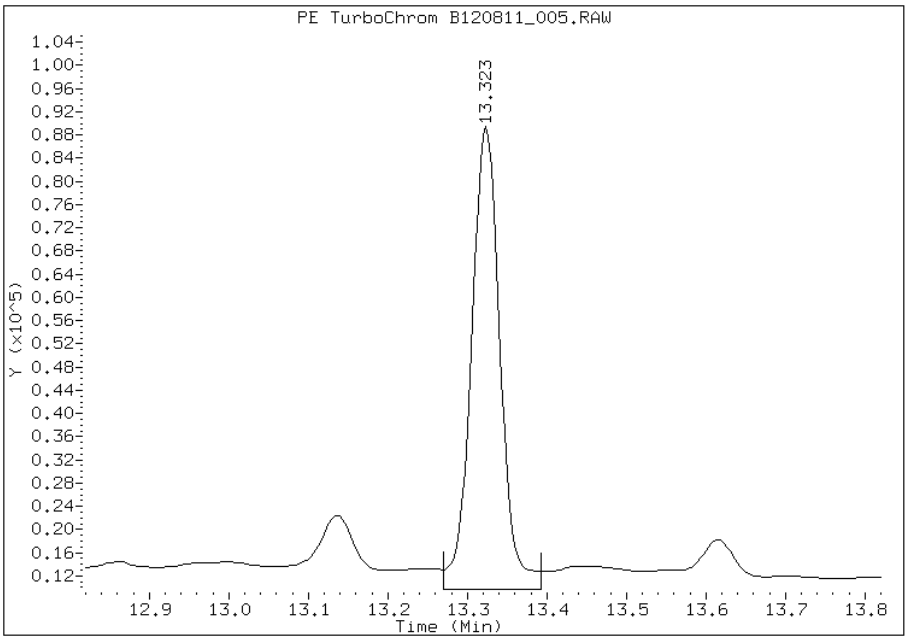
Manual Integration Results

RT: 13.32

Response: 201402

Amount: 6.48

Conc: 6.48



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_006.d
Lab Smp Id: ICRT
Inj Date : 08-DEC-2011 19:49
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 056
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:11 Cal File: B120811_005.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			3231767	200.000	191.3
$	4 O-Terphenyl	13.323	13.322	0.001	379097	12.5000	12.20(M)
S	2 >C12-C28	7.510-15.400			4842155	200.000	204.2
S	3 >C28-C35	15.410-20.800			4604553	200.000	197.7
S	5 Total C6-C35				12678475	200.000	593.2

QC Flag Legend

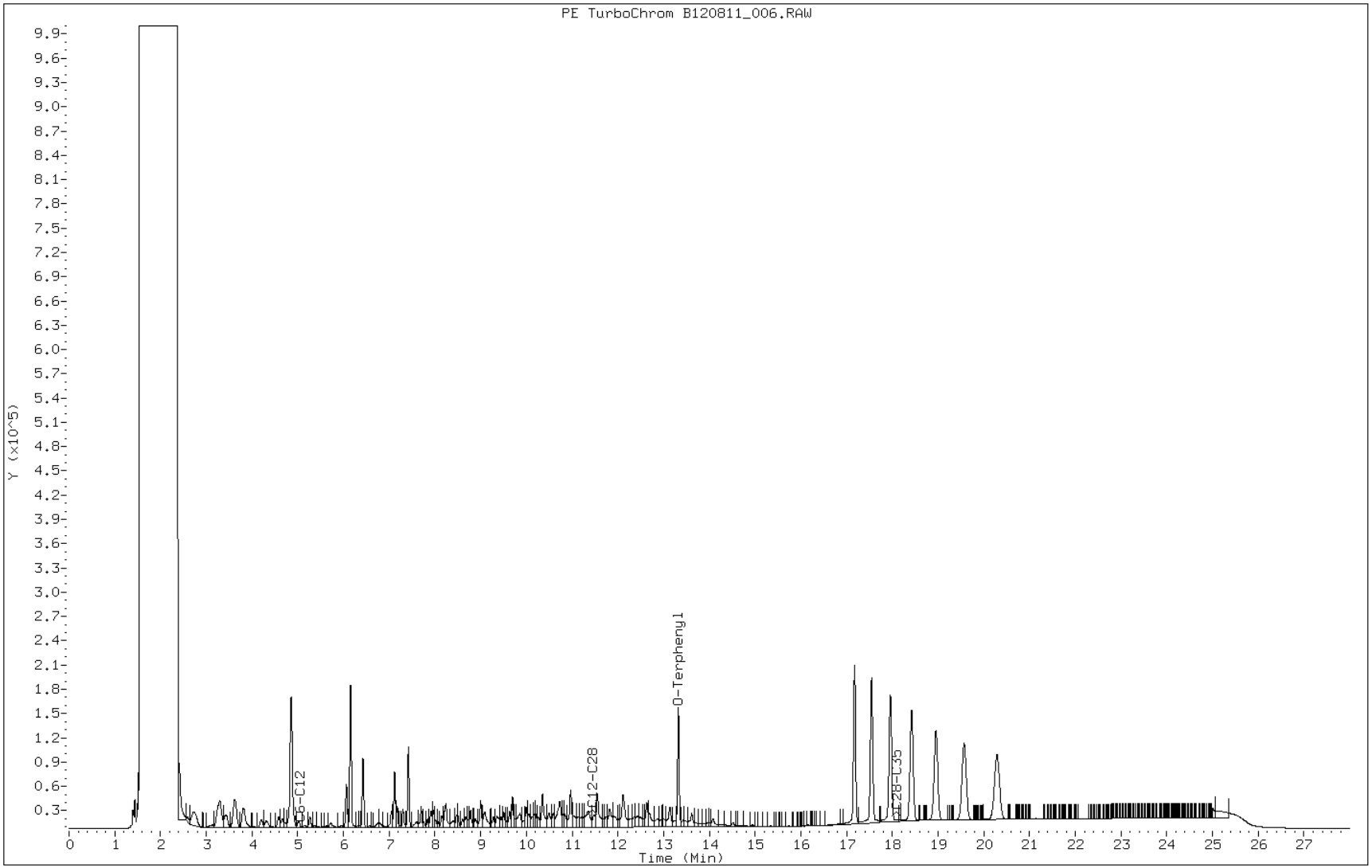
M - Compound response manually integrated.

Data File: B120811_006.d

Date: 08-DEC-2011 19:49

Client ID: Instrument: FID-07.i

Sample Info: ICRT Operator: kuventr



Manual Integration Report

Data File: B120811_006.d
Inj. Date and Time: 08-DEC-2011 19:49
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

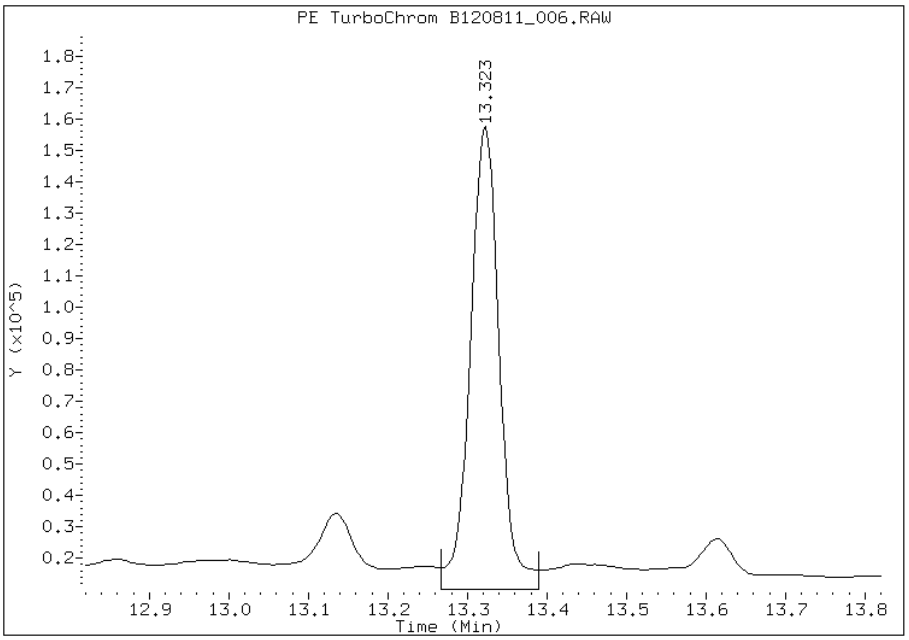
Processing Integration Results

RT: 13.32

Response: 375923

Amount: 12.14

Conc: 12.14



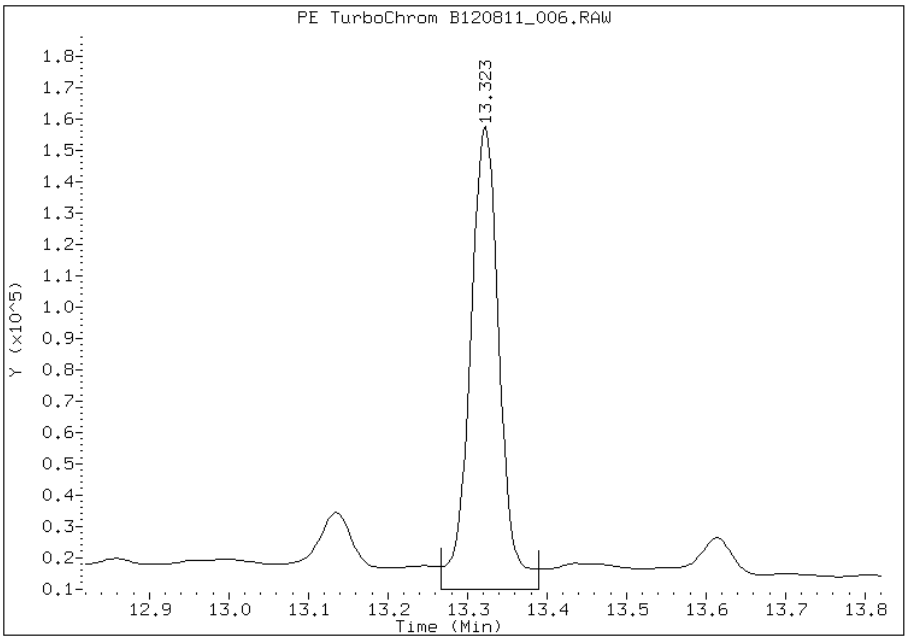
Manual Integration Results

RT: 13.32

Response: 379097

Amount: 12.20

Conc: 12.20



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_007.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 20:28
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 057
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:49 Cal File: B120811_006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		6427607	400.000	380.5
$	4 O-Terphenyl	13.320	13.322	-0.002	742657	25.0000	23.89(M)
S	2 >C12-C28	7.510	-15.400		9835678	400.000	414.8
S	3 >C28-C35	15.410	-20.800		8692831	400.000	373.2
S	5 Total C6-C35				24956116	400.000	1169

QC Flag Legend

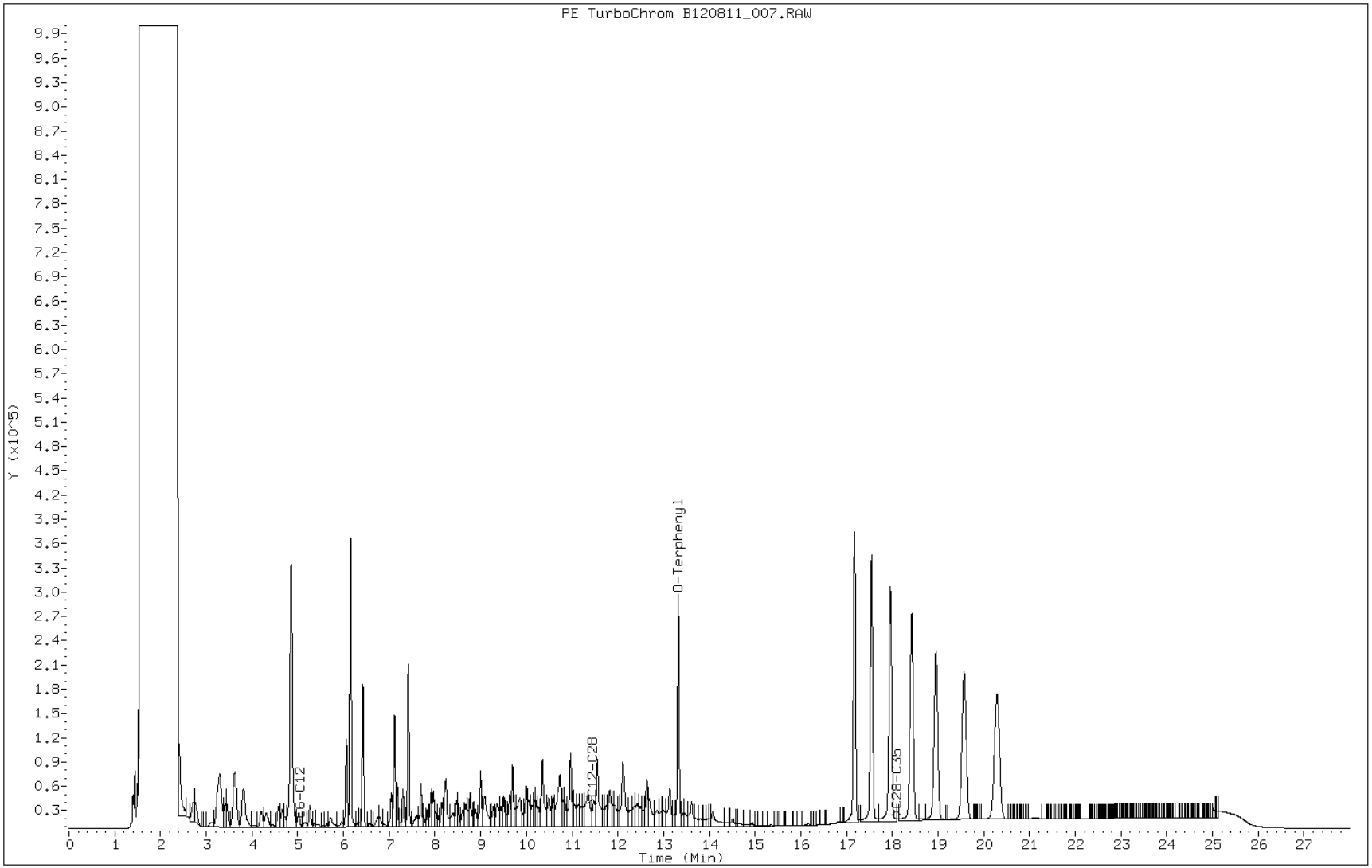
M - Compound response manually integrated.

Data File: B120811_007.d

Date: 08-DEC-2011 20:28

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_007.d
Inj. Date and Time: 08-DEC-2011 20:28
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

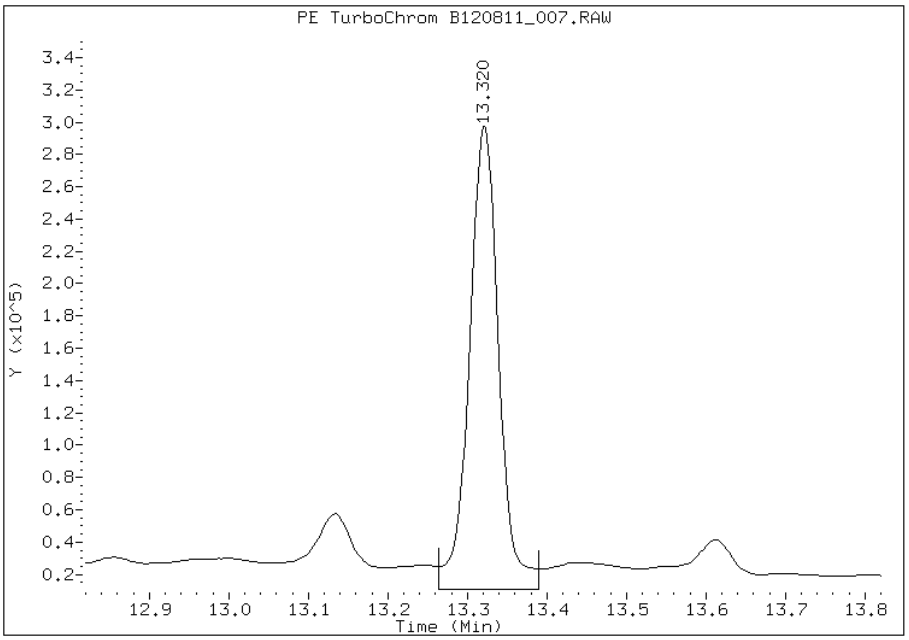
Processing Integration Results

RT: 13.32

Response: 738257

Amount: 23.82

Conc: 23.82



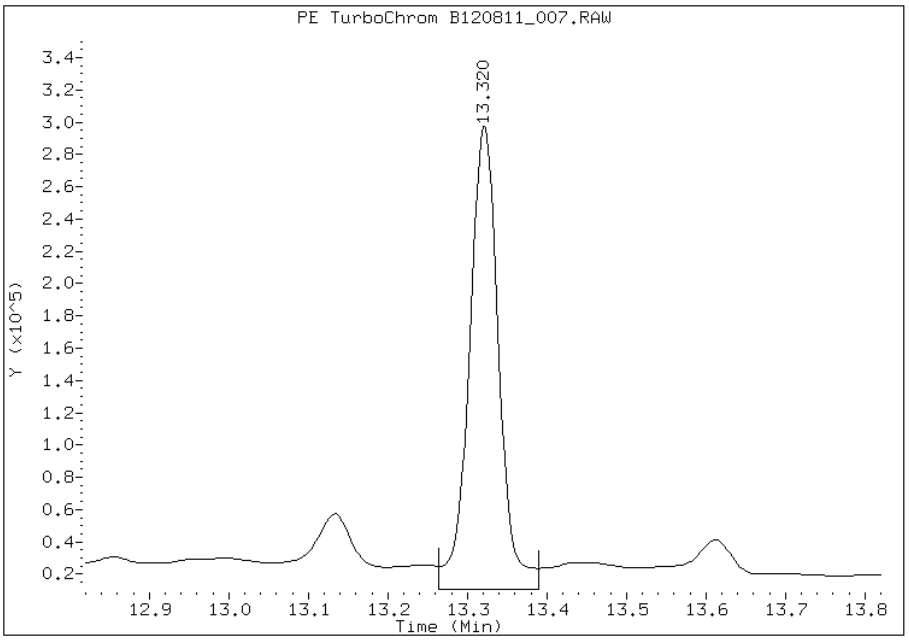
Manual Integration Results

RT: 13.32

Response: 742657

Amount: 23.89

Conc: 23.89



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_008.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:05
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 058
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 20:28 Cal File: B120811_007.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			13231331	800.000	783.4
$	4 O-Terphenyl	13.323	13.322	0.001	1564880	50.0000	50.34(M)
S	2 >C12-C28	7.510-15.400			20096874	800.000	847.5
S	3 >C28-C35	15.410-20.800			18596715	800.000	798.4
S	5 Total C6-C35				51924920	800.000	2429

QC Flag Legend

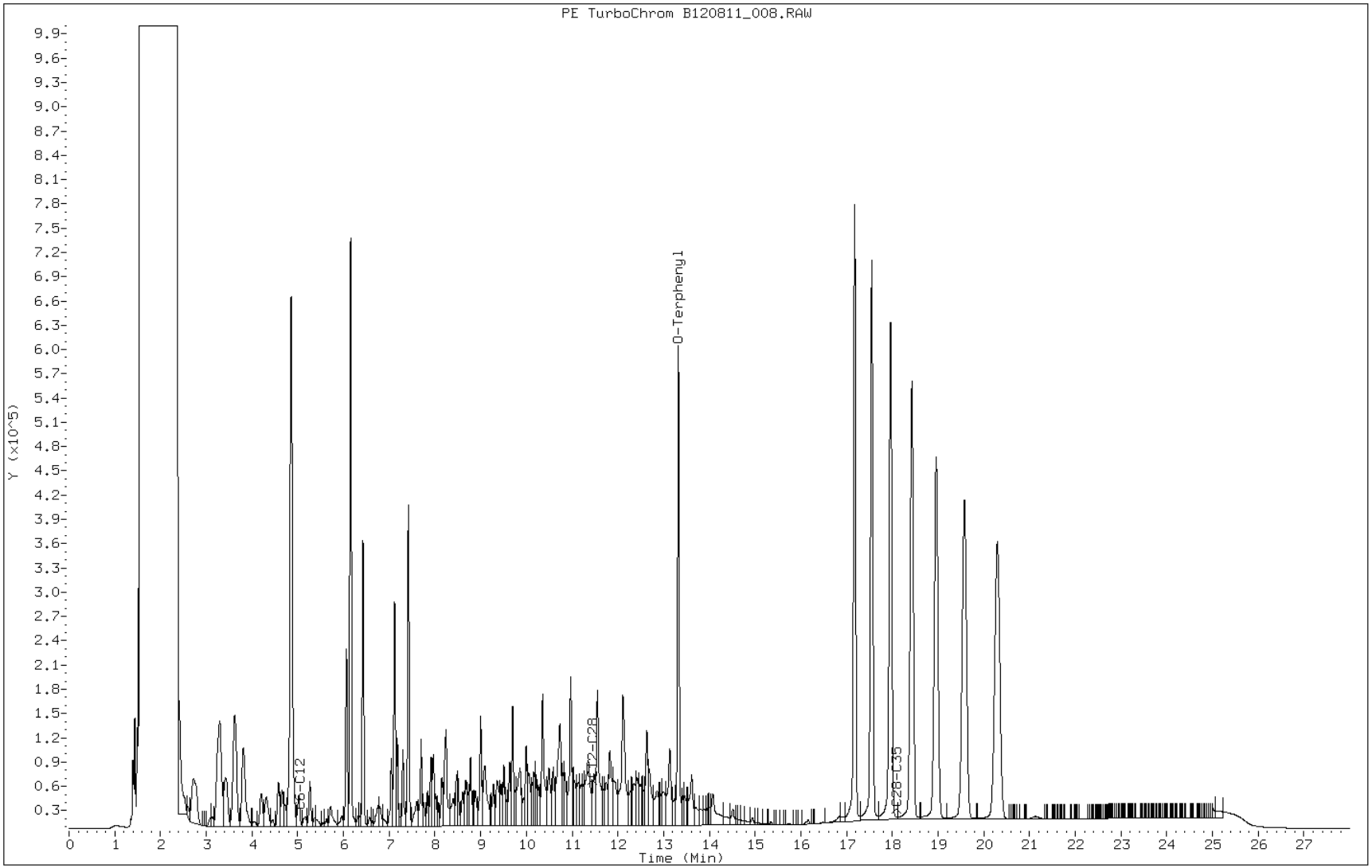
M - Compound response manually integrated.

Data File: B120811_008.d

Date: 08-DEC-2011 21:05

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_008.d
Inj. Date and Time: 08-DEC-2011 21:05
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

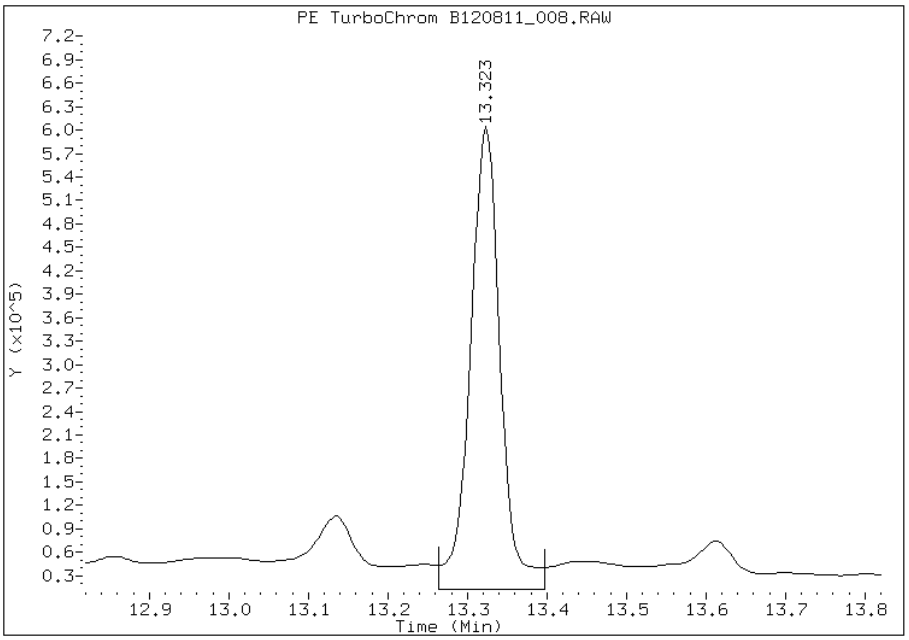
Processing Integration Results

RT: 13.32

Response: 1554874

Amount: 50.12

Conc: 50.12



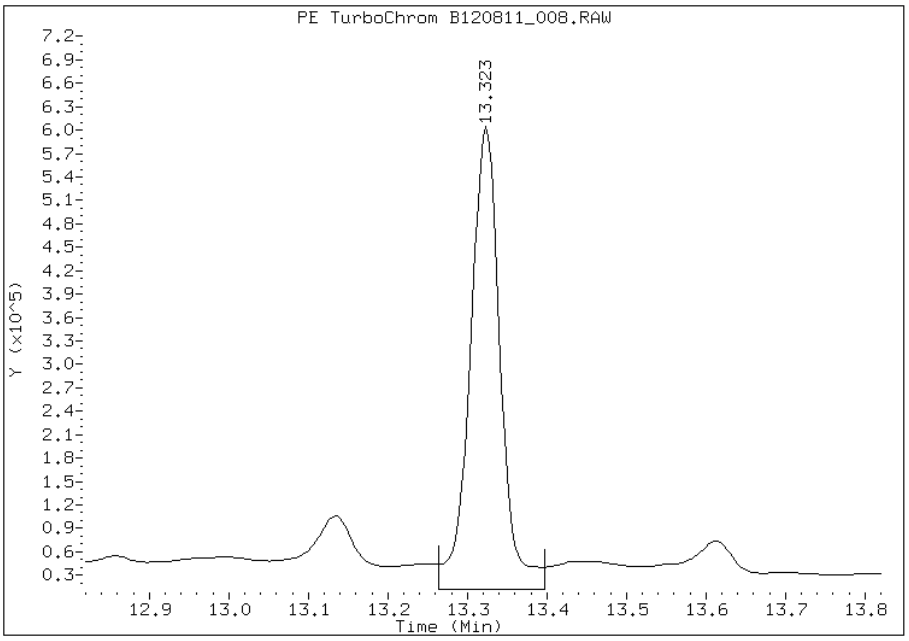
Manual Integration Results

RT: 13.32

Response: 1564880

Amount: 50.34

Conc: 50.34



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_009.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:43
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 059
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:05 Cal File: B120811_008.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			15810439	1000.00	936.1
$	4 O-Terphenyl	13.323	13.322	0.001	1893028	62.5000	60.90(M)
S	2 >C12-C28	7.510-15.400			24316636	1000.00	1025(A)
S	3 >C28-C35	15.410-20.800			22865388	1000.00	981.6
S	5 Total C6-C35				62992463	1000.00	2943

QC Flag Legend

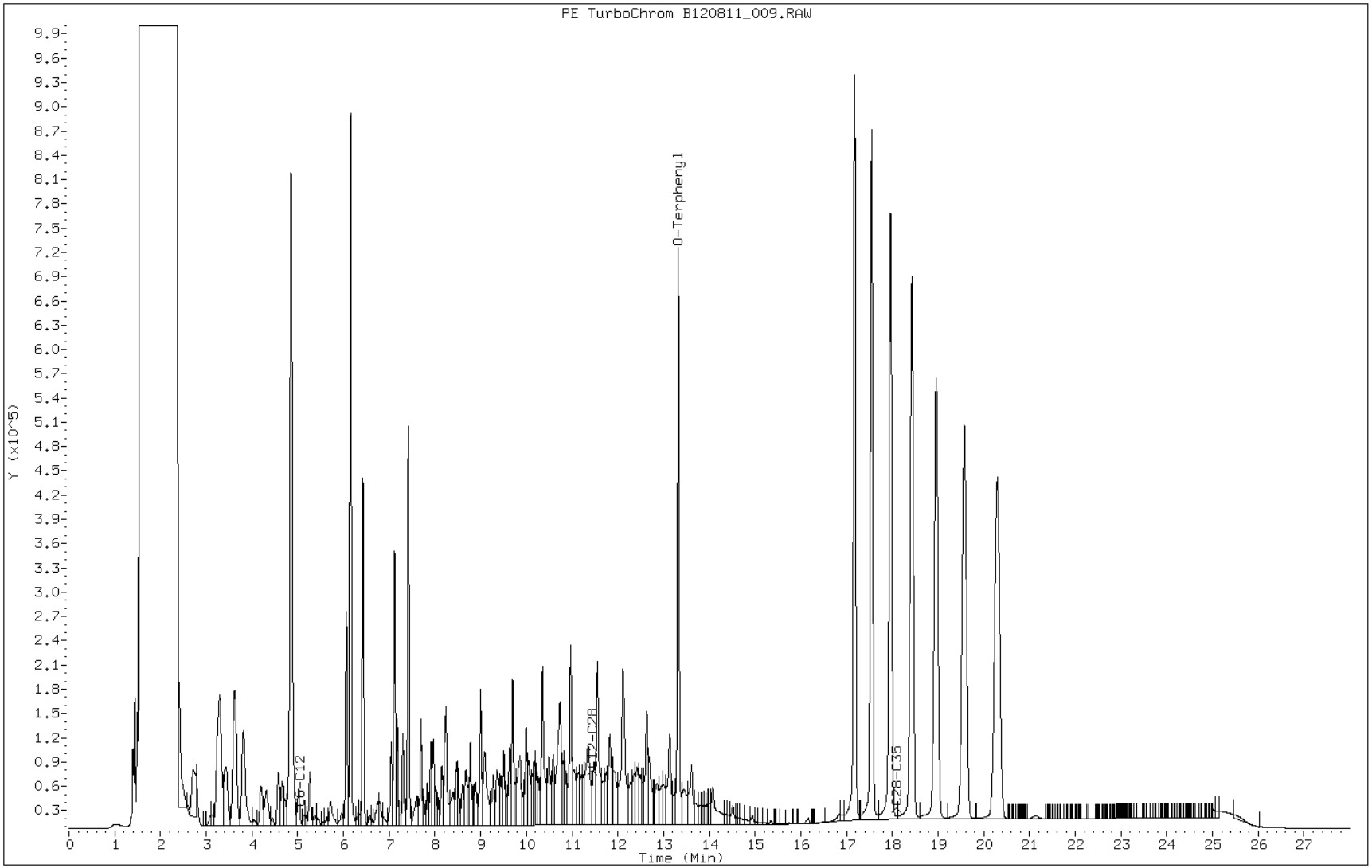
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: B120811_009.d

Date: 08-DEC-2011 21:43

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_009.d
Inj. Date and Time: 08-DEC-2011 21:43
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

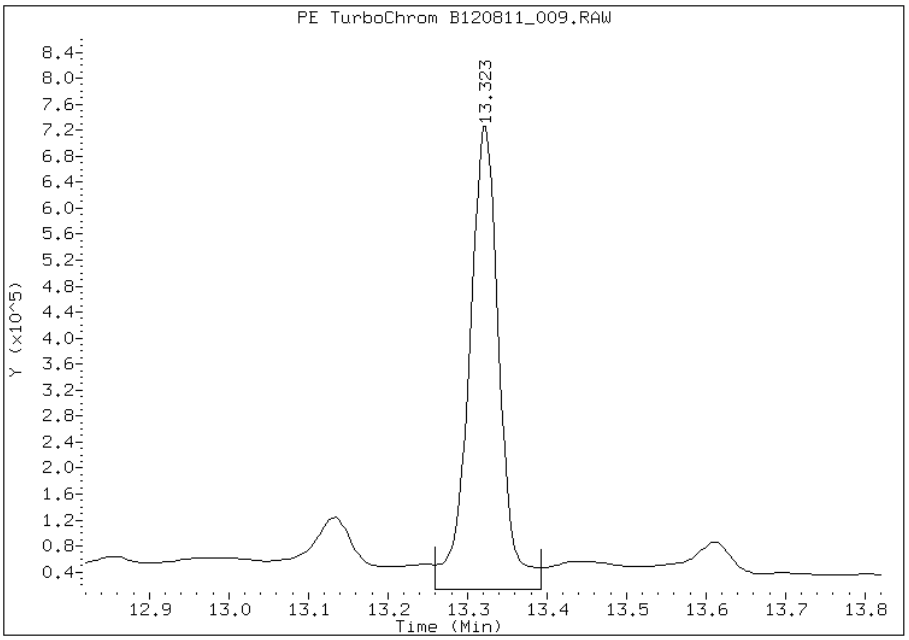
Processing Integration Results

RT: 13.32

Response: 1879096

Amount: 60.51

Conc: 60.51



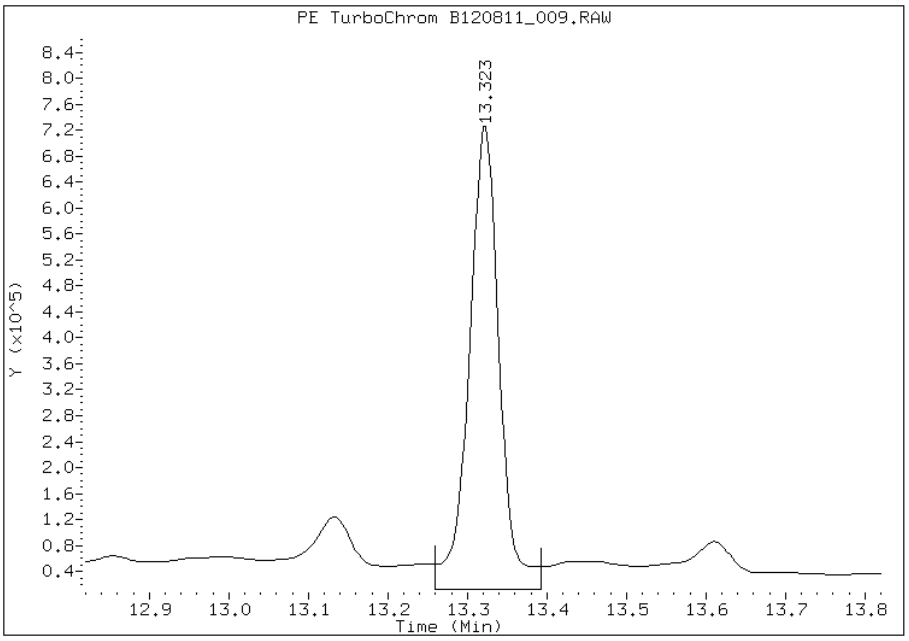
Manual Integration Results

RT: 13.32

Response: 1893028

Amount: 60.90

Conc: 60.90



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCVRT 600-72331/1 Calibration Date: 01/11/2012 18:18

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	19001		216	200	7.9	25.0
>C12-C28	Ave	15530	18649		240	200	20.1	25.0
>C28-C35	Ave	14586	15028		206	200	3.0	25.0
o-Terphenyl	Ave	24518	27085		13.8	12.5	10.5	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCVRT 600-72331/1 Calibration Date: 01/11/2012 18:18

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.98	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_002.d
Lab Smp Id: CCVRT
Inj Date : 11-JAN-2012 18:18
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 002
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

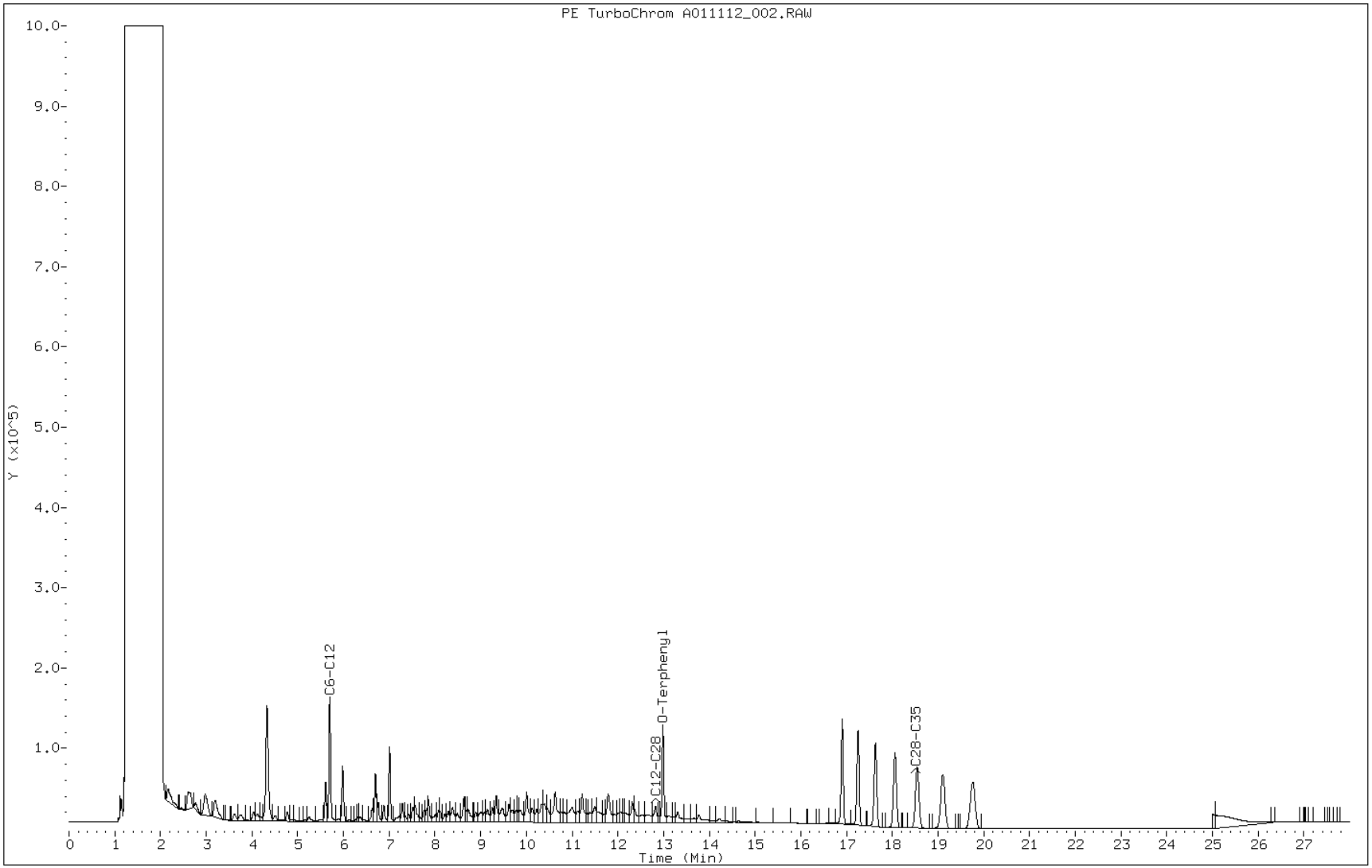
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3800180	400.000	215.9
$	4 O-Terphenyl	12.983	13.014	-0.031	338567	25.0000	13.81
S	2 >C12-C28	9.010-16.649			3729880	400.000	240.2
S	3 >C28-C35	16.651-20.400			3004324	400.000	206.0
S	5 Total C6-C35				10534384	400.000	662.0

Data File: A011112_002.d

Date: 11-JAN-2012 18:18

Client ID: Instrument: FID-07.i

Sample Info: CCVRT Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCVRT 600-72332/1 Calibration Date: 01/11/2012 18:18

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	15585		185	200	-7.7	25.0
>C12-C28	Ave	23713	26063		220	200	9.9	25.0
>C28-C35	Ave	23293	21324		183	200	-8.5	25.0
o-Terphenyl	Ave	31084	32065		12.9	12.5	3.2	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCVRT 600-72332/1 Calibration Date: 01/11/2012 18:18

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_002.d
Lab Smp Id: CCVRT
Inj Date : 11-JAN-2012 18:18
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 052
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		3116977	200.000	184.5
$	4 O-Terphenyl	13.310	13.323	-0.013	400818	12.5000	12.89
S	2 >C12-C28	7.510	-15.400		5212655	200.000	219.8
S	3 >C28-C35	15.410	-20.800		4262995	200.000	183.0
S	5 Total C6-C35				12592627	200.000	587.4

Data File: B011112_002.d

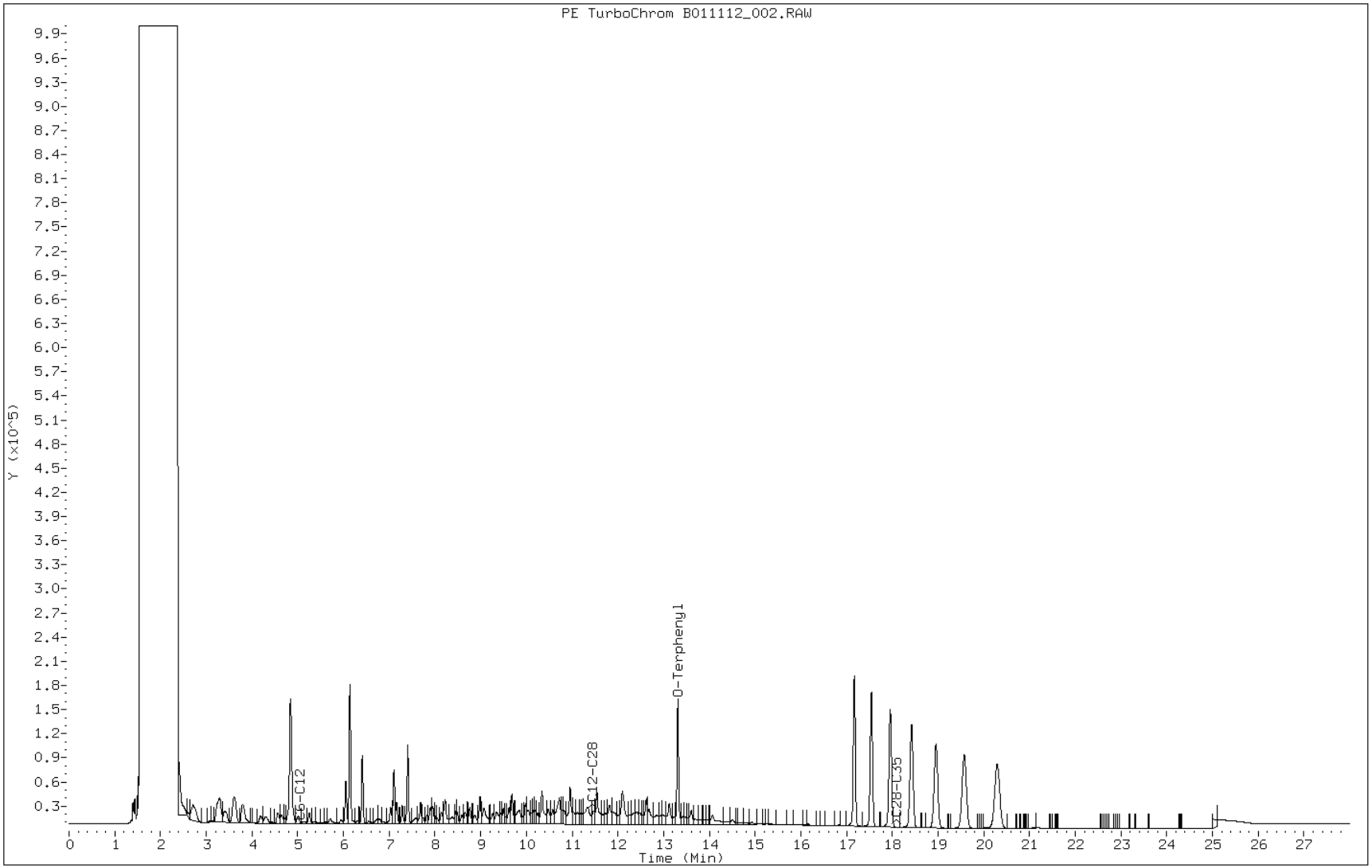
Date: 11-JAN-2012 18:18

Client ID:

Instrument: FID-07.i

Sample Info: CCVRT

Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCV 600-72331/2 Calibration Date: 01/12/2012 00:47

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	18877		215	200	7.2	25.0
>C12-C28	Ave	15530	18628		240	200	19.9	25.0
>C28-C35	Ave	14586	14335		197	200	-1.7	25.0
o-Terphenyl	Ave	24518	26716		13.6	12.5	9.0	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCV 600-72331/2 Calibration Date: 01/12/2012 00:47

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.98	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_013.d
Lab Smp Id: CCV
Inj Date : 12-JAN-2012 00:47
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 013
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

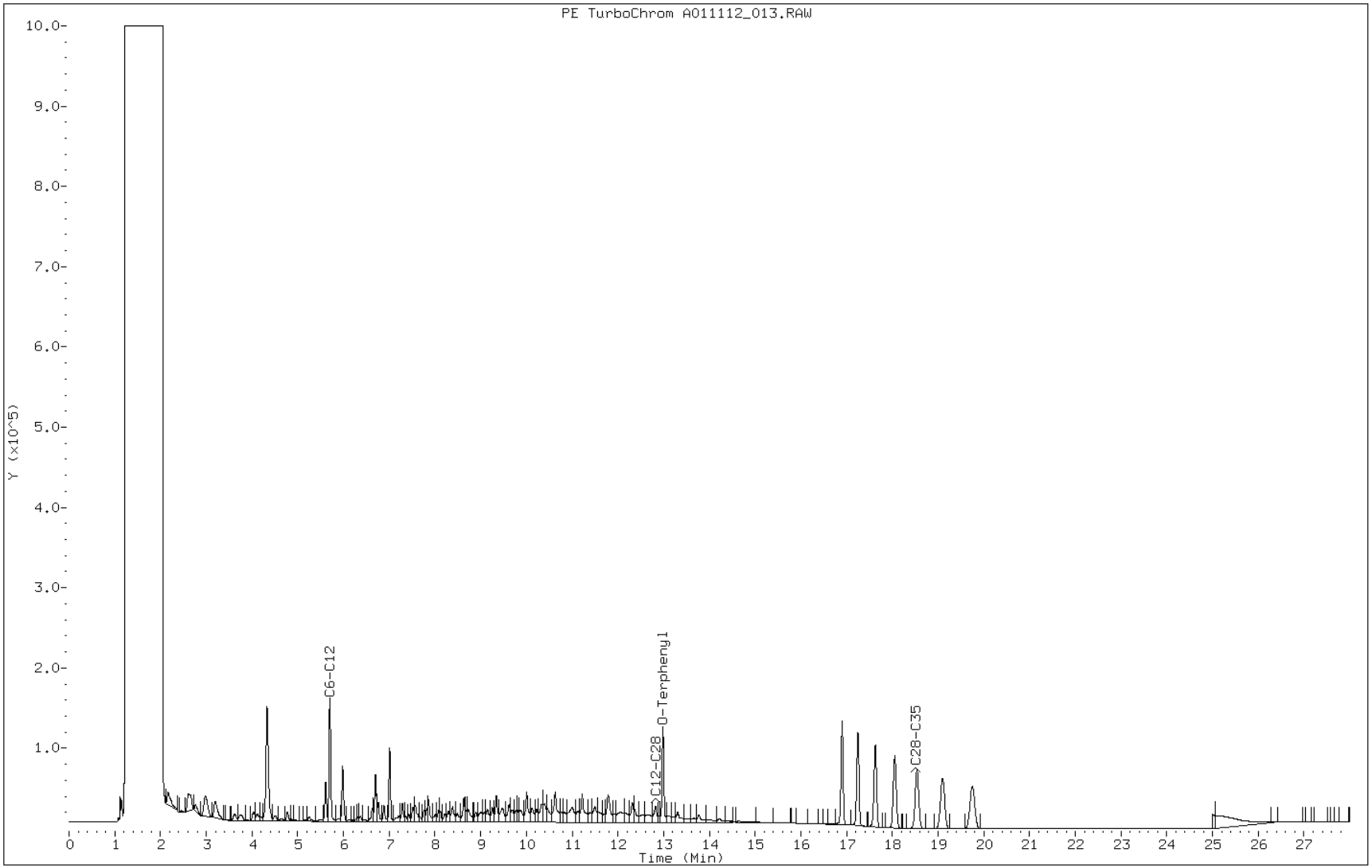
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3775399	400.000	214.5
$	4 O-Terphenyl	12.983	13.014	-0.031	333950	25.0000	13.62
S	2 >C12-C28	9.010-16.649			3725524	400.000	239.9
S	3 >C28-C35	16.651-20.400			2865897	400.000	196.5
S	5 Total C6-C35				10366820	400.000	650.8

Data File: A011112_013.d

Date: 12-JAN-2012 00:47

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCV 600-72332/8 Calibration Date: 01/12/2012 00:47

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	15258		181	200	-9.7	25.0
>C12-C28	Ave	23713	25771		217	200	8.7	25.0
>C28-C35	Ave	23293	21569		185	200	-7.4	25.0
o-Terphenyl	Ave	31084	32154		12.9	12.5	3.4	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCV 600-72332/8 Calibration Date: 01/12/2012 00:47

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_013.d
Lab Smp Id: CCV
Inj Date : 12-JAN-2012 00:47
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 063
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

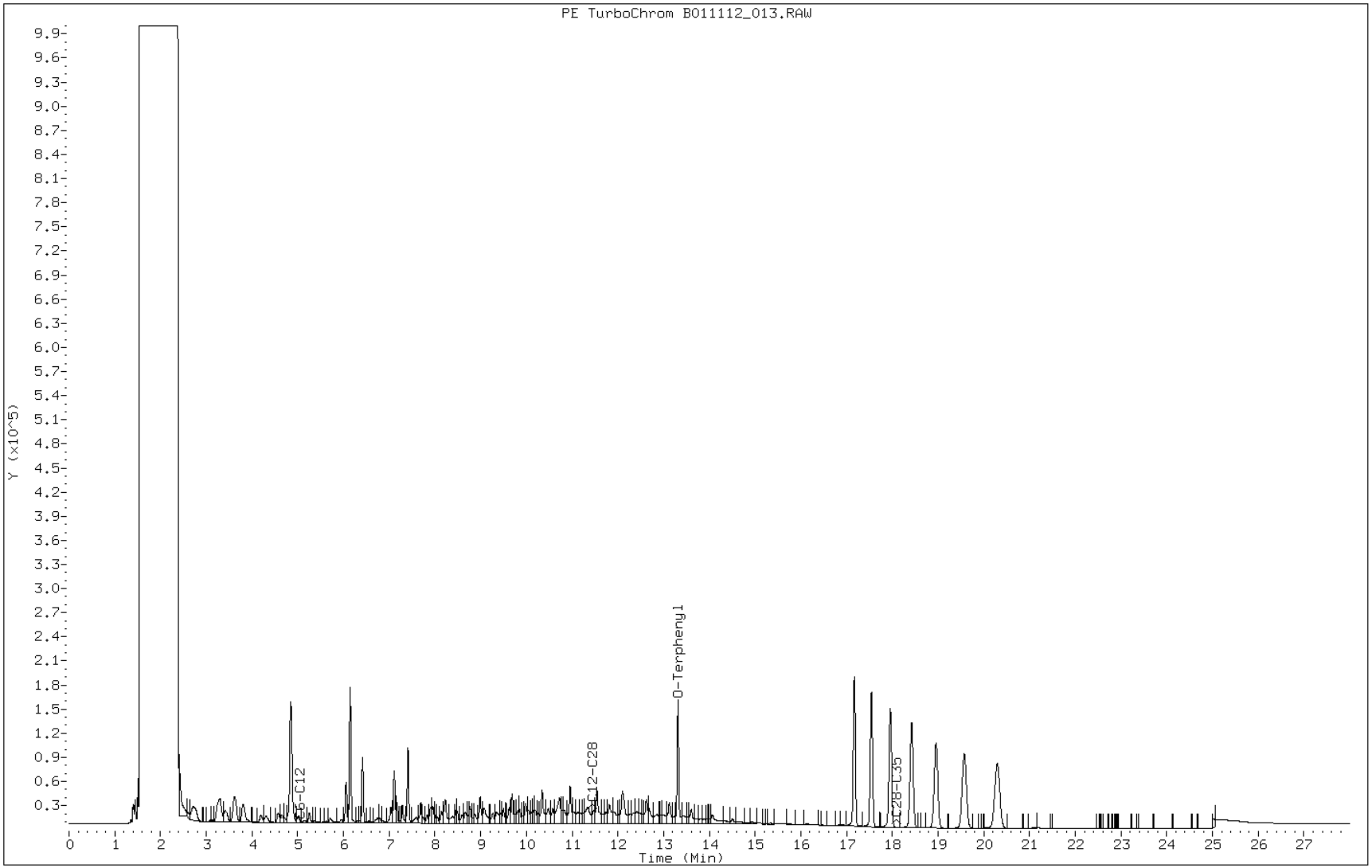
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		3051574	200.000	180.7
$	4 O-Terphenyl	13.313	13.323	-0.010	401926	12.5000	12.93
S	2 >C12-C28	7.510	-15.400		5154272	200.000	217.4
S	3 >C28-C35	15.410	-20.800		4311983	200.000	185.1
S	5 Total C6-C35				12517829	200.000	583.2

Data File: B011112_013.d

Date: 12-JAN-2012 00:47

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCV 600-72331/10 Calibration Date: 01/12/2012 06:06

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_022.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	18038		205	200	2.5	25.0
>C12-C28	Ave	15530	17493		225	200	12.6	25.0
>C28-C35	Ave	14586	15567		213	200	6.7	25.0
o-Terphenyl	Ave	24518	26612		13.6	12.5	8.5	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: CCV 600-72331/10 Calibration Date: 01/12/2012 06:06

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_022.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.98	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_022.d
Lab Smp Id: CCV
Inj Date : 12-JAN-2012 06:06
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 022
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3607607	400.000	204.9
$	4 O-Terphenyl	12.980	13.013	-0.033	332651	25.0000	13.57
S	2 >C12-C28	9.010-16.649			3498509	400.000	225.3
S	3 >C28-C35	16.651-20.400			3112065	400.000	213.4
S	5 Total C6-C35				10218181	400.000	643.6

Data File: A011112_022.d

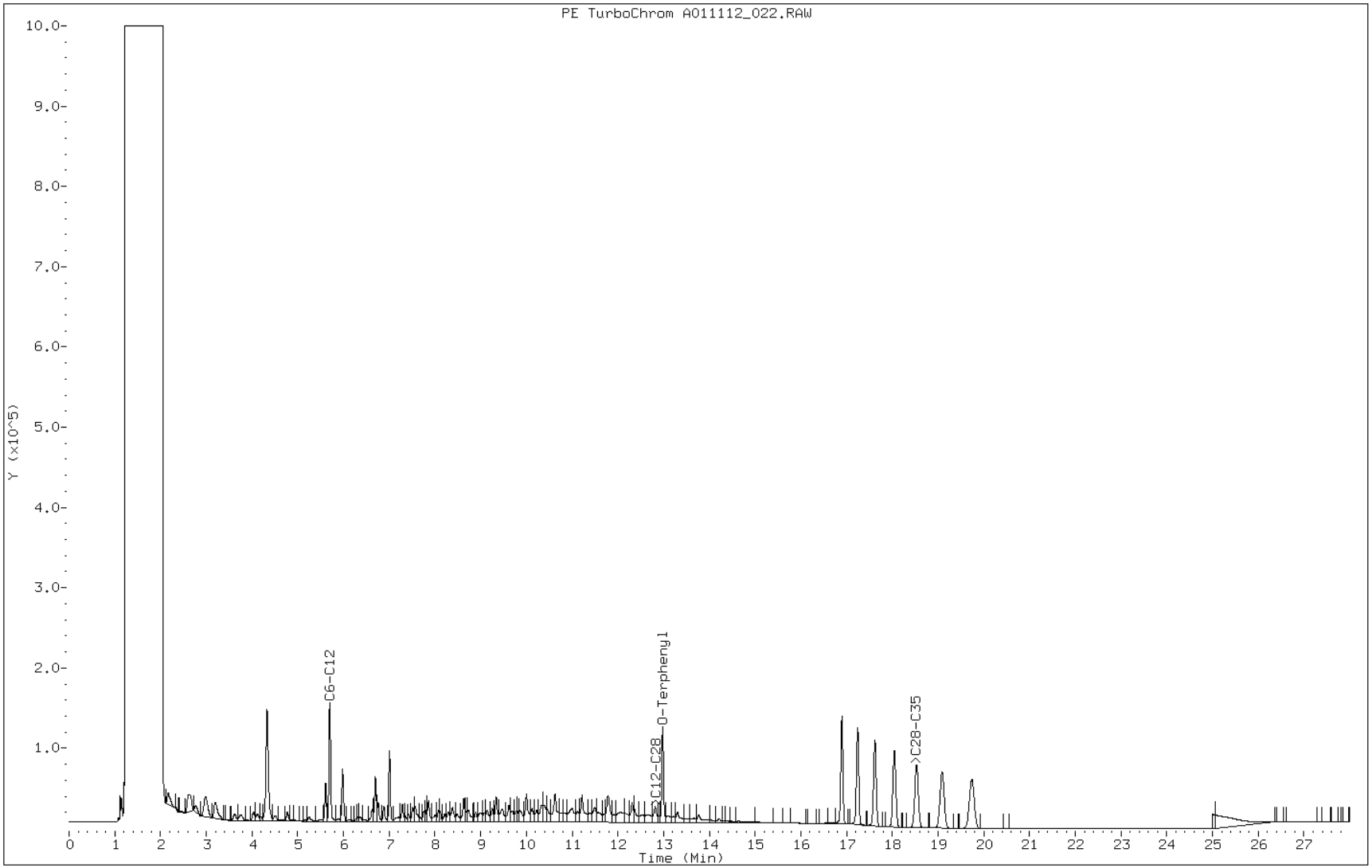
Date: 12-JAN-2012 06:06

Client ID:

Instrument: FID-07.i

Sample Info: CCV

Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 600-69727/1-A

Matrix: Solid Lab File ID: A011112_014.d

Analysis Method: TX 1005 Date Collected:

Extraction Method: TX_1005_S_Prep Date Extracted: 01/10/2012 08:51

Sample wt/vol: 10.00(g) Date Analyzed: 01/12/2012 01:22

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 72331 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	4.67	U	25.0	4.67
STL00035	>C12-C28	6.06	U	25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	9.59	U	25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_014.d
Lab Smp Id: MB 600-69727/1-A
Inj Date : 12-JAN-2012 01:22
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : MB 600-69727/1-A
Misc Info : 014
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

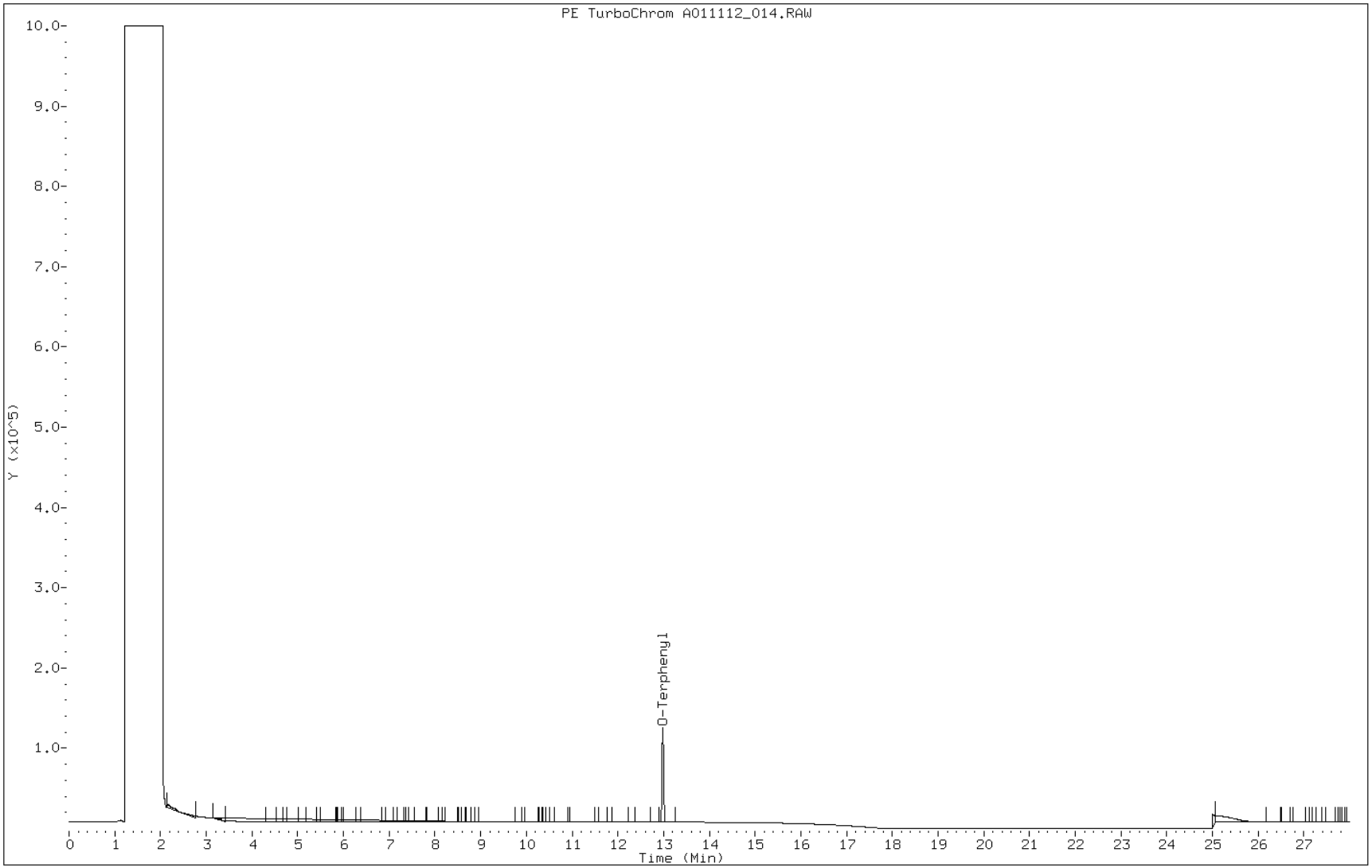
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	12.983	13.014	-0.031	291522	11.8899	11.89

Data File: A011112_014.d

Date: 12-JAN-2012 01:22

Client ID: Instrument: FID-07.i

Sample Info: MB 600-69727/1-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48380-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 600-69827/1-A

Matrix: Water | Lab File ID: B011112_003.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.00(mL) | Date Analyzed: 01/11/2012 18:53

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.370	U	5.00	0.370
STL00035	>C12-C28	0.320	U	5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	0.560	U	5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_003.d
Lab Smp Id: MB 600-69827/1-A
Inj Date : 11-JAN-2012 18:53
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : MB 600-69827/1-A
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600	-7.500		37888	2.24317	0.224(a)
$	4 O-Terphenyl	13.313	13.323	-0.010	450209	14.4838	1.45
S	5 Total C6-C35				37888	2.24317	0.224(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: B011112_003.d

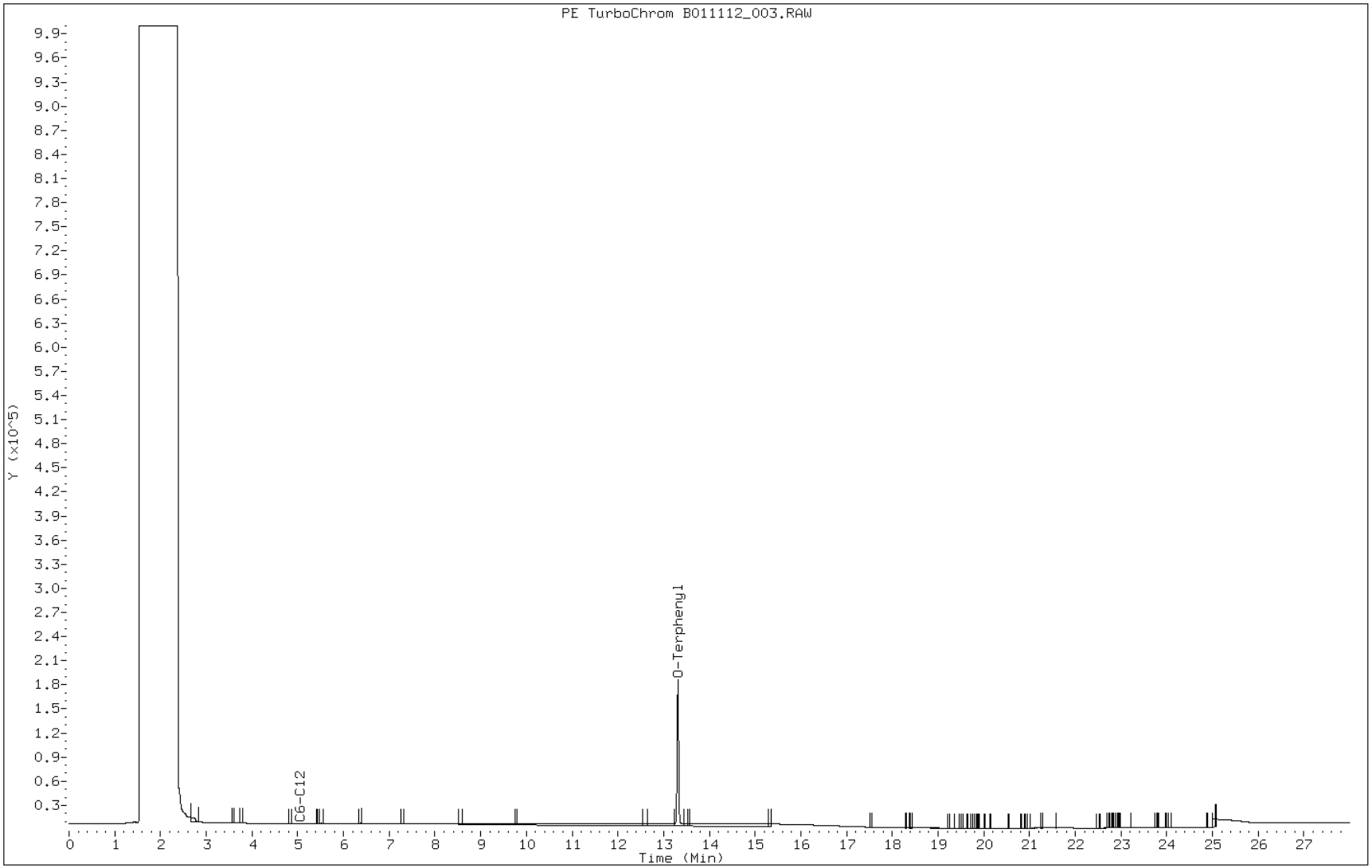
Date: 11-JAN-2012 18:53

Client ID:

Instrument: FID-07.i

Sample Info: MB 600-69827/1-A

Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48380-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 600-69727/2-A

Matrix: Solid | Lab File ID: A011112_015.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/10/2012 08:51

Sample wt/vol: 10.00(g) | Date Analyzed: 01/12/2012 01:58

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72331 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	232.1		25.0	4.67
STL00035	>C12-C28	280.0		25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	512.1		25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	107		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_015.d
Lab Smp Id: LCS 600-69727/2-A
Inj Date : 12-JAN-2012 01:58
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : LCS 600-69727/2-A
Misc Info : 015
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.400-9.000			4085195	232.052	232.1
$	4 O-Terphenyl	12.980	13.014	-0.034	328765	13.4089	13.41
S	2 >C12-C28	9.010-16.649			4348845	280.033	280.0
S	5 Total C6-C35				8434040	512.085	512.1

Data File: A011112_015.d

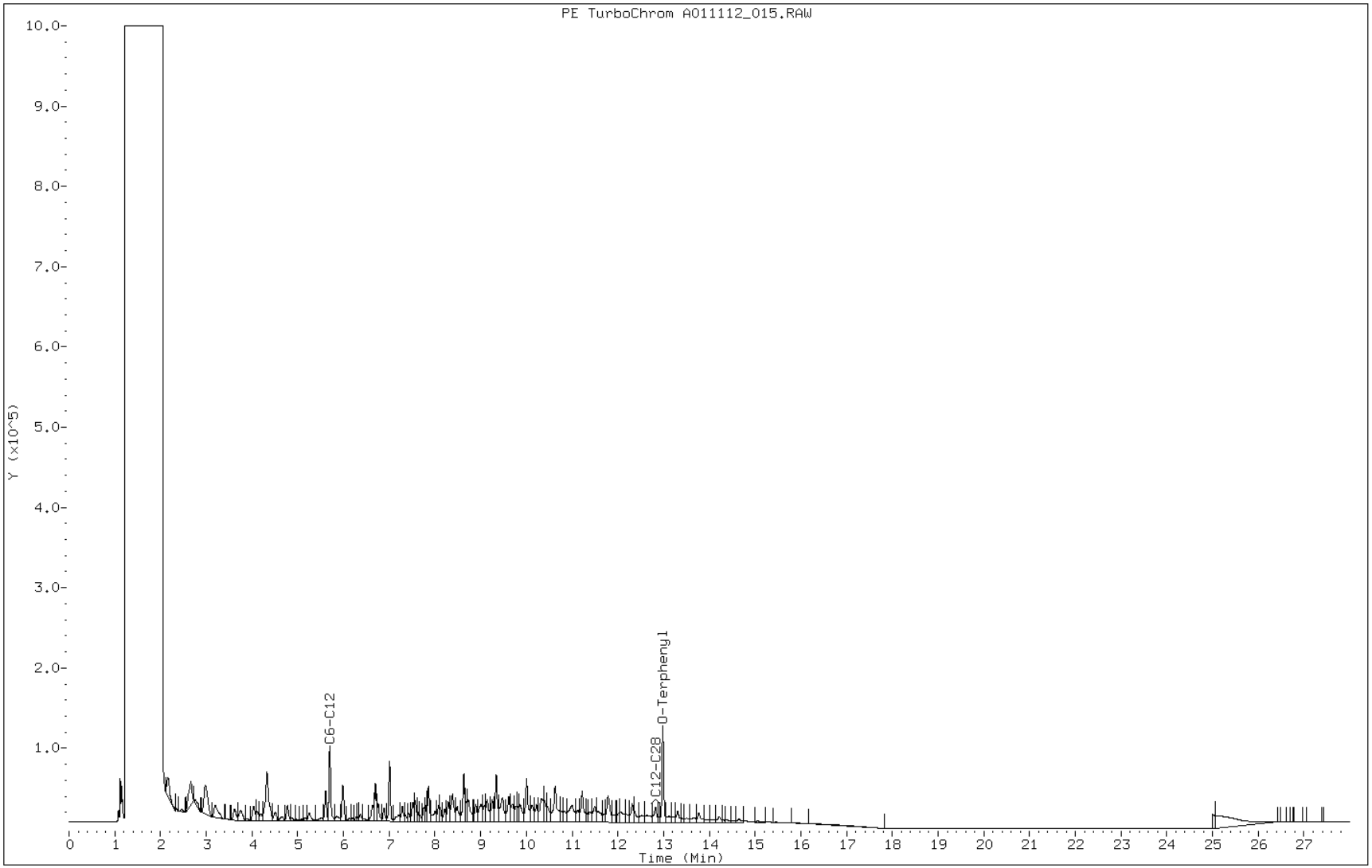
Date: 12-JAN-2012 01:58

Client ID:

Instrument: FID-07.i

Sample Info: LCS 600-69727/2-A

Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 600-69827/2-A

Matrix: Water Lab File ID: B011112_004.d

Analysis Method: TX 1005 Date Collected:

Extraction Method: TX_1005_W_Prep Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.00(mL) Date Analyzed: 01/11/2012 19:28

Con. Extract Vol.: 3.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	26.41		5.00	0.370
STL00035	>C12-C28	37.84		5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	64.25		5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_004.d
Lab Smp Id: LCS 600-69827/2-A
Inj Date : 11-JAN-2012 19:28
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : LCS 600-69827/2-A
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600	7.500		4461070	264.119	26.41
$	4 O-Terphenyl	13.313	13.323	-0.010	522540	16.8107	1.68(R)
S	2 >C12-C28	7.510	15.400		8971803	378.355	37.84
S	5 Total C6-C35				13432873	642.475	64.25

QC Flag Legend

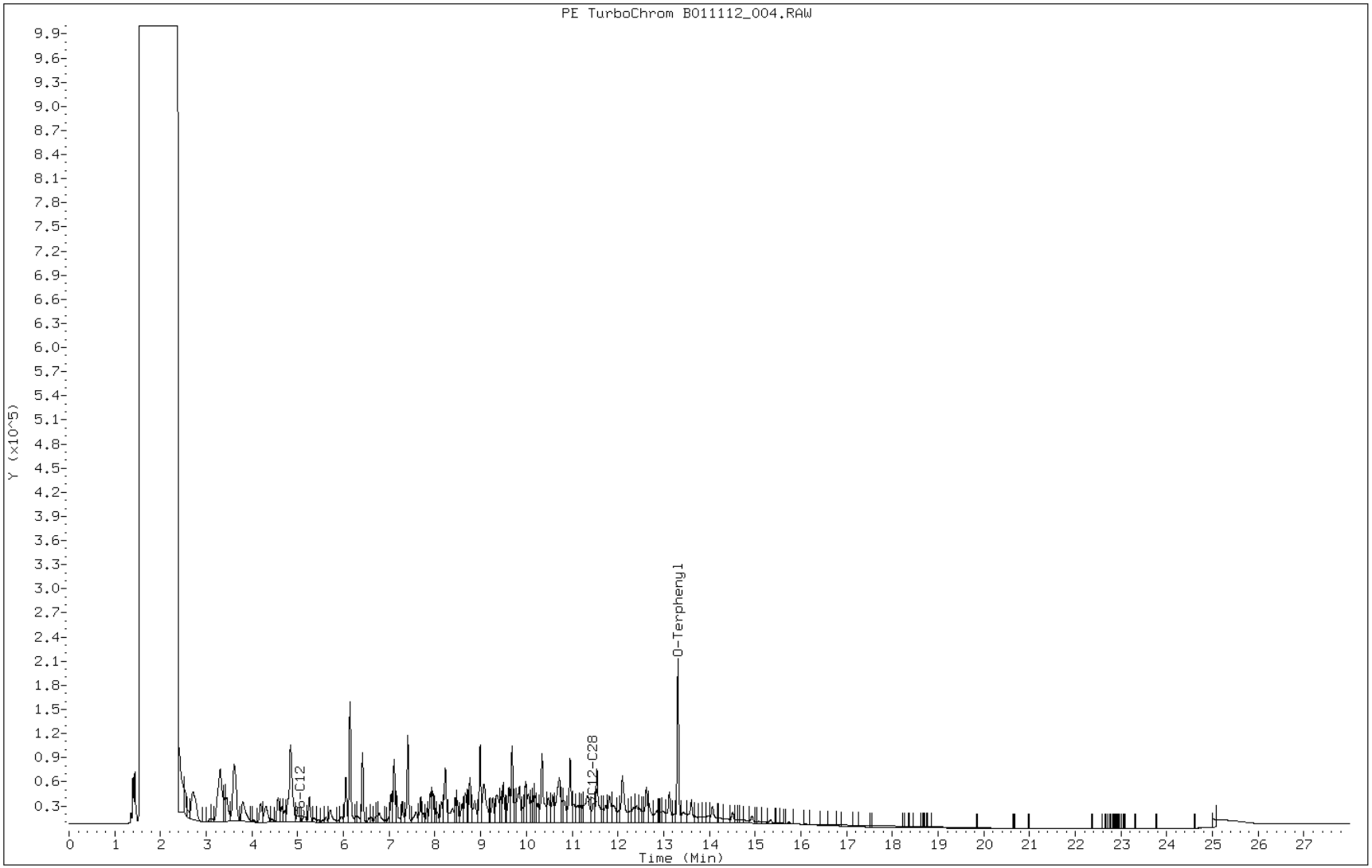
R - Spike/Surrogate failed recovery limits.

Data File: B011112_004.d

Date: 11-JAN-2012 19:28

Client ID: Instrument: FID-07.i

Sample Info: LCS 600-69827/2-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48380-1

SDG No.:

Client Sample ID: Equipment Blank 2 MS | Lab Sample ID: 600-48380-5 MS

Matrix: Water | Lab File ID: B011112_009.d

Analysis Method: TX 1005 | Date Collected: 01/05/2012 14:12

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.84(mL) | Date Analyzed: 01/11/2012 22:24

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	29.08		4.86	0.360
STL00035	>C12-C28	33.22		4.86	0.311
STL00147	>C28-C35	0.545	U	4.86	0.545
STL00006	C6-C35	62.30		4.86	0.545

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	102		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_009.d
Lab Smp Id: 600-48380-C-5-A MS Client Smp ID: Equipment Blank 2
Inj Date : 11-JAN-2012 22:24
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48380-C-5-A MS
Misc Info : 600-48380-C-5-A MS
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.840	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600	7.500		5048378	298.891	29.08
$	4 O-Terphenyl	13.313	13.323	-0.010	527654	16.9753	1.65(R)
S	2 >C12-C28	7.510	15.400		8098062	341.508	33.22
S	5 Total C6-C35				13146440	640.399	62.30

QC Flag Legend

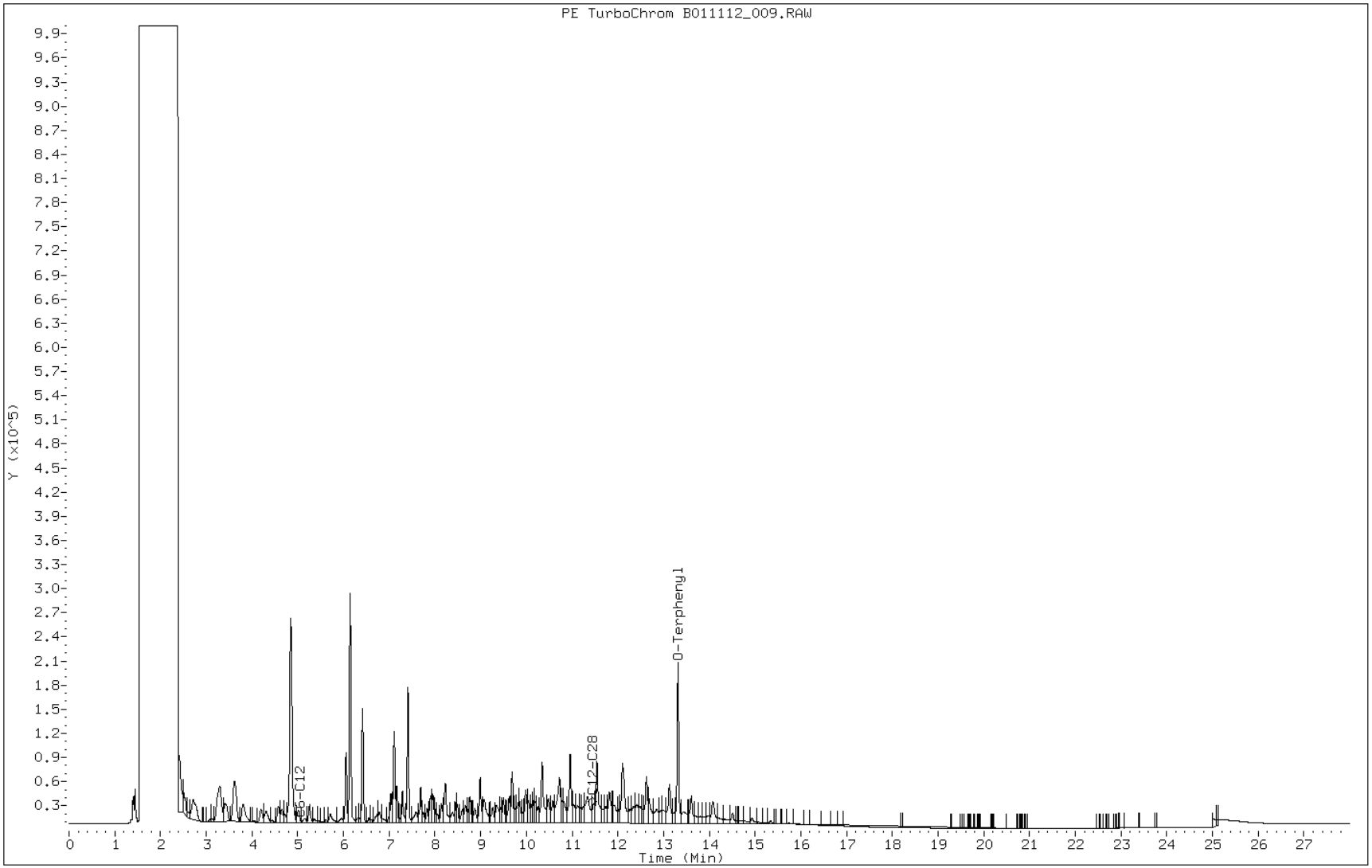
R - Spike/Surrogate failed recovery limits.

Data File: B011112_009.d

Date: 11-JAN-2012 22:24

Client ID: Equipment Blank 2 Instrument: FID-07.i

Sample Info: 600-48380-C-5-A MS Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Client Sample ID: Equipment Blank 2 MSD Lab Sample ID: 600-48380-5 MSD

Matrix: Water Lab File ID: B011112_010.d

Analysis Method: TX 1005 Date Collected: 01/05/2012 14:12

Extraction Method: TX_1005_W_Prep Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.86(mL) Date Analyzed: 01/11/2012 23:00

Con. Extract Vol.: 3.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	28.34		4.86	0.360
STL00035	>C12-C28	32.66		4.86	0.311
STL00147	>C28-C35	0.544	U	4.86	0.544
STL00006	C6-C35	61.00		4.86	0.544

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	111		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_010.d
Lab Smp Id: 600-48380-D-5-A MSD Client Smp ID: Equipment Blank 2
Inj Date : 11-JAN-2012 23:00
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48380-D-5-A MSD
Misc Info : 600-48380-D-5-A MSD
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.860	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600	-7.500		4924084	291.532	28.34
$	4 O-Terphenyl	13.313	13.323	-0.010	574696	18.4887	1.80(R)
S	2 >C12-C28	7.510	-15.400		7965793	335.930	32.66
S	5 Total C6-C35				12889877	627.462	61.00

QC Flag Legend

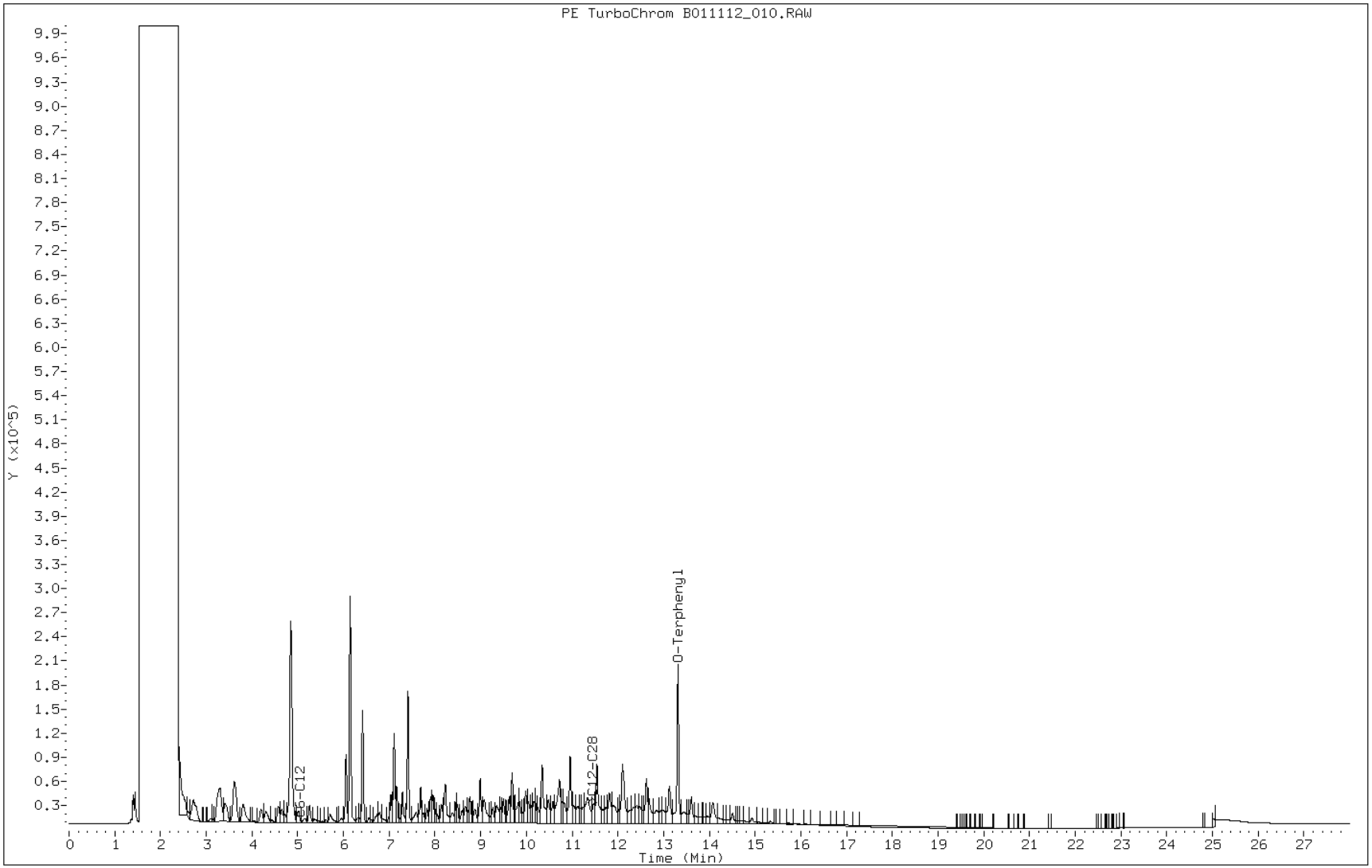
R - Spike/Surrogate failed recovery limits.

Data File: B011112_010.d

Date: 11-JAN-2012 23:00

Client ID: Equipment Blank 2 Instrument: FID-07.i

Sample Info: 600-48380-D-5-A MSD Operator: vanderborghr



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: FID07 Start Date: 12/05/2011 15:35

Analysis Batch Number: 67686 End Date: 12/06/2011 13:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67686/25		12/05/2011 15:35	1	A120511_004.d	RTX-5 0.53(mm)
IC 600-67686/26		12/05/2011 16:23	1	A120511_005.d	RTX-5 0.53(mm)
ICRT 600-67686/27		12/05/2011 17:03	1	A120511_006.d	RTX-5 0.53(mm)
IC 600-67686/28		12/05/2011 17:44	1	A120511_007.d	RTX-5 0.53(mm)
IC 600-67686/29		12/05/2011 18:25	1	A120511_008.d	RTX-5 0.53(mm)
IC 600-67686/30		12/05/2011 19:06	1	A120511_009.d	RTX-5 0.53(mm)
ICV 600-67686/31		12/05/2011 19:47	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 20:28	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:09	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:49	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 22:29	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:10	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 00:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 02:30	1		RTX-5 0.53(mm)
CCV 600-67686/11		12/06/2011 03:09	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 03:49	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 04:28	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:08	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:47	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 06:26	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:06	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:45	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 09:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 10:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 12:30	1		RTX-5 0.53(mm)
CCV 600-67686/24		12/06/2011 13:11	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: FID07 Start Date: 12/08/2011 17:54

Analysis Batch Number: 67901 End Date: 12/09/2011 07:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67901/1		12/08/2011 17:54	1	B120811_003.d	RTX-5 0.53(mm)
IC 600-67901/2		12/08/2011 18:33	1	B120811_004.d	RTX-5 0.53(mm)
IC 600-67901/3		12/08/2011 19:11	1	B120811_005.d	RTX-5 0.53(mm)
ICRT 600-67901/4		12/08/2011 19:49	1	B120811_006.d	RTX-5 0.53(mm)
IC 600-67901/5		12/08/2011 20:28	1	B120811_007.d	RTX-5 0.53(mm)
IC 600-67901/6		12/08/2011 21:05	1	B120811_008.d	RTX-5 0.53(mm)
IC 600-67901/7		12/08/2011 21:43	1	B120811_009.d	RTX-5 0.53(mm)
CCVRT 600-67901/8		12/08/2011 22:58	1		RTX-5 0.53(mm)
ZZZZZ		12/08/2011 23:35	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:12	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:50	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 01:27	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:04	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:41	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:18	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:55	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 04:31	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 05:08	1		RTX-5 0.53(mm)
CCV 600-67901/19		12/09/2011 05:45	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:22	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:59	1		RTX-5 0.53(mm)
CCV 600-67901/22		12/09/2011 07:36	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: FID07 Start Date: 01/11/2012 18:18

Analysis Batch Number: 72331 End Date: 01/12/2012 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-72331/1		01/11/2012 18:18	1	A011112_002.d	RTX-5 0.53(mm)
CCV 600-72331/2		01/12/2012 00:47	1	A011112_013.d	RTX-5 0.53(mm)
MB 600-69727/1-A		01/12/2012 01:22	1	A011112_014.d	RTX-5 0.53(mm)
LCS 600-69727/2-A		01/12/2012 01:58	1	A011112_015.d	RTX-5 0.53(mm)
ZZZZZ		01/12/2012 02:34	1		RTX-5 0.53(mm)
ZZZZZ		01/12/2012 03:09	1		RTX-5 0.53(mm)
ZZZZZ		01/12/2012 03:44	1		RTX-5 0.53(mm)
600-48380-1	2012-RMSA-2 (0.5-2.5')	01/12/2012 04:20	1	A011112_019.d	RTX-5 0.53(mm)
600-48380-2	2012-RMSA-3(1-3')	01/12/2012 04:55	1	A011112_020.d	RTX-5 0.53(mm)
CCV 600-72331/10		01/12/2012 06:06	1	A011112_022.d	RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: FID07 Start Date: 01/11/2012 18:18

Analysis Batch Number: 72332 End Date: 01/12/2012 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-72332/1		01/11/2012 18:18	1	B011112_002.d	RTX-5 0.53(mm)
MB 600-69827/1-A		01/11/2012 18:53	1	B011112_003.d	RTX-5 0.53(mm)
LCS 600-69827/2-A		01/11/2012 19:28	1	B011112_004.d	RTX-5 0.53(mm)
600-48380-4	Field Blank 1	01/11/2012 21:13	1	B011112_007.d	RTX-5 0.53(mm)
600-48380-5	Equipment Blank 2	01/11/2012 21:48	1	B011112_008.d	RTX-5 0.53(mm)
600-48380-5 MS	Equipment Blank 2 MS	01/11/2012 22:24	1	B011112_009.d	RTX-5 0.53(mm)
600-48380-5 MSD	Equipment Blank 2 MSD	01/11/2012 23:00	1	B011112_010.d	RTX-5 0.53(mm)
600-48380-6	Trip Blank (1/5/12)	01/11/2012 23:36	1	B011112_011.d	RTX-5 0.53(mm)
ZZZZZ		01/12/2012 00:11	1		RTX-5 0.53(mm)
CCV 600-72332/8		01/12/2012 00:47	1	B011112_013.d	RTX-5 0.53(mm)
ZZZZZ		01/12/2012 01:22	1		RTX-5 0.53(mm)
ZZZZZ		01/12/2012 01:58	1		RTX-5 0.53(mm)
ZZZZZ		01/12/2012 04:20	1		RTX-5 0.53(mm)
ZZZZZ		01/12/2012 04:55	1		RTX-5 0.53(mm)
CCV 600-72332/14		01/12/2012 06:06	1		RTX-5 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Batch Number: 69727 Batch Start Date: 01/10/12 08:51 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_S_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005SURR 00053		
MB 600-69727/1		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL		250 uL		
LCS 600-69727/2		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL	250 uL	250 uL		
600-48380-C-1	2012-RMSA-2 (0.5-2.5')	TX_1005_S_Prep, TX 1005	T	10.01 g	10.00 mL		250 uL		
600-48380-C-2	2012-RMSA-3(1-3')	TX_1005_S_Prep, TX 1005	T	10.01 g	10.00 mL		250 uL		

Batch Notes	
Vendor lot number	ExPentane-00007
Solvent	Pentane

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Batch Number: 69827 Batch Start Date: 01/11/12 10:44 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_W_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005MS 00029	TX1005SURR 00054
MB 600-69827/1		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL			100 uL
LCS 600-69827/2		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL	100 uL		100 uL
600-48380-A-4	Field Blank 1	TX_1005_W_Prep, TX 1005	T	2 SU	30.84 mL	3.00 mL			100 uL
600-48380-E-5	Equipment Blank 2	TX_1005_W_Prep, TX 1005	T	2 SU	31.06 mL	3.00 mL			100 uL
600-48380-C-5 MS	Equipment Blank 2	TX_1005_W_Prep, TX 1005	T	2 SU	30.84 mL	3.00 mL		100 uL	100 uL
600-48380-D-5 MSD	Equipment Blank 2	TX_1005_W_Prep, TX 1005	T	2 SU	30.86 mL	3.00 mL		100 uL	100 uL
600-48380-A-6	Trip Blank (1/5/12)	TX_1005_W_Prep, TX 1005	T	2 SU	30.36 mL	3.00 mL			100 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	AnalysisComment					
MB 600-69827/1		TX_1005_W_Prep, TX 1005							
LCS 600-69827/2		TX_1005_W_Prep, TX 1005							
600-48380-A-4	Field Blank 1	TX_1005_W_Prep, TX 1005	T						
600-48380-E-5	Equipment Blank 2	TX_1005_W_Prep, TX 1005	T						
600-48380-C-5 MS	Equipment Blank 2	TX_1005_W_Prep, TX 1005	T						
600-48380-D-5 MSD	Equipment Blank 2	TX_1005_W_Prep, TX 1005	T						
600-48380-A-6	Trip Blank (1/5/12)	TX_1005_W_Prep, TX 1005	T	trip blank					

Batch Notes	
Vendor lot number	ExPentane-00008
Solvent	Pentane

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-RMSA-2 (0.5-2.5')	600-48380-1
2012-RMSA-3(1-3')	600-48380-2
2012-RMSA-2 (Recon GW)	600-48380-3
Equipment Blank 2	600-48380-5

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-RMSA-2 (0.5-2.5') Lab Sample ID: 600-48380-1

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG ID.:

Matrix: Solid Date Sampled: 01/05/2012 10:00

Reporting Basis: DRY Date Received: 01/06/2012 10:14

% Solids: 70.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	2.91	0.343	0.0352	mg/Kg			1	6010B
7439-92-1	Lead	2950	0.686	0.144	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-RMSA-3(1-3') Lab Sample ID: 600-48380-2

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG ID.:

Matrix: Solid Date Sampled: 01/05/2012 10:38

Reporting Basis: DRY Date Received: 01/06/2012 10:14

% Solids: 79.1

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	3.85	0.313	0.0321	mg/Kg			1	6010B
7439-92-1	Lead	412	0.626	0.131	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-RMSA-2 (Recon GW) Lab Sample ID: 600-48380-3

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG ID.:

Matrix: Water Date Sampled: 01/05/2012 13:43

Reporting Basis: WET Date Received: 01/06/2012 10:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0890	0.0250	0.00175	mg/L			1	6010B
7439-92-1	Lead	0.421	0.0500	0.0145	mg/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Equipment Blank 2 Lab Sample ID: 600-48380-5

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG ID.:

Matrix: Water Date Sampled: 01/05/2012 14:12

Reporting Basis: WET Date Received: 01/06/2012 10:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00368	0.0100	0.00290	mg/L	J		1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	ICV 600-69942/9 01/12/2012 09:03				CCV 600-69942/71 01/12/2012 12:20				CCV 600-69942/84 01/12/2012 12:55			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4969		0.500	99	0.5312		0.500	106	0.5309		0.500	106
Lead	0.4907		0.500	98	0.4827		0.500	97	0.4858		0.500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	CCV 600-69942/88 01/12/2012 13:06											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5300		0.500	106								
Lead	0.4829		0.500	97								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	ICV 600-69997/9 01/13/2012 07:54				CCV 600-69997/26 01/13/2012 08:38				CCV 600-69997/39 01/13/2012 09:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4909		0.500	98	0.4916		0.500	98	0.5012		0.500	100
Lead	0.4932		0.500	99	0.4861		0.500	97	0.4894		0.500	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	CCV 600-69997/52 01/13/2012 09:47				CCV 600-69997/58 01/13/2012 10:03							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5058		0.500	101	0.4943		0.500	99				
Lead	0.4904		0.500	98	0.4799		0.500	96				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

ICV Source: MET1211CCV_00003 Concentration Units: mg/L

CCV Source: MET1211CCV_00003

Analyte	ICV 600-69772/4 01/10/2012 07:38				CCV 600-69772/67 01/10/2012 11:48				CCV 600-69772/78 01/10/2012 12:30			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4967		0.500	99	0.4886		0.500	98	0.4849		0.500	97
Lead	0.4957		0.500	99	0.4915		0.500	98	0.4850		0.500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

ICV Source: MET1211CCV_00003 Concentration Units: mg/L

CCV Source: MET1211CCV_00003

Analyte	CCV 600-69772/89 01/10/2012 13:13				CCV 600-69772/101 01/10/2012 13:59				CCV 600-69772/110 01/10/2012 14:35			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4815		0.500	96	0.4815		0.500	96	0.4859		0.500	97
Lead	0.4774		0.500	95	0.4730		0.500	95	0.4690		0.500	94

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

ICV Source: MET1211CCV_00003 Concentration Units: mg/L

CCV Source: MET1211CCV_00003

Analyte	ICV 600-69797/4 01/10/2012 15:10				CCV 600-69797/9 01/10/2012 15:30				CCV 600-69797/21 01/10/2012 16:16			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5022		0.500	100	0.5000		0.500	100	0.5023		0.500	100
Lead	0.4987		0.500	100	0.4945		0.500	99	0.4913		0.500	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-69772/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005340		107	0-500
Lead	0.0100	0.01021		102	0-500

Lab Sample ID: CRI 600-69772/107 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.004740	J	95	0-500
Lead	0.0100	0.009960	J	100	0-500

Lab Sample ID: CRI 600-69797/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005230		105	50-150
Lead	0.0100	0.01019		102	50-150

Lab Sample ID: CRI 600-69797/35 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005230		105	50-150
Lead	0.0100	0.009610	J	96	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69942/11 01/12/2012 09:08		CCB 600-69942/73 01/12/2012 12:26		CCB 600-69942/86 01/12/2012 13:00		CCB 600-69942/90 01/12/2012 13:11	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69997/11 01/13/2012 07:59		CCB 600-69997/28 01/13/2012 08:44		CCB 600-69997/41 01/13/2012 09:18		CCB 600-69997/54 01/13/2012 09:52	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-69997/60 01/13/2012 10:08							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69772/5 01/10/2012 07:42		CCB 600-69772/68 01/10/2012 11:52		CCB 600-69772/79 01/10/2012 12:34		CCB 600-69772/90 01/10/2012 13:17	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-69772/102 01/10/2012 14:03		CCB 600-69772/111 01/10/2012 14:39					
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U				
Lead	0.0100	0.00290	U	0.00290	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69797/5 01/10/2012 15:14		CCB 600-69797/10 01/10/2012 15:33		CCB 600-69797/22 01/10/2012 16:20			
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.0005300	J	0.0004300	J	0.000350	U		
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-69585/1-A

Instrument Code: TJA1 Batch No.: 69772

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.105	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-69725/1-A

Instrument Code: TJA1 Batch No.: 69797

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.00290	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-69725/1-A

Instrument Code: Thermo6500 Batch No.: 69942

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.00290	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-69725/1-A

Instrument Code: Thermo6500 Batch No.: 69997

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.00290	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSA 600-69942/12 Instrument ID: Thermo6500

Lab File ID: a011212.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0002**	
Lead		**-0.0191**	
Aluminum	*500*	*528*	*106*
Antimony		*-0.0054*	
Arsenic		*0.0029*	
Barium		*0.0007*	
Beryllium		*0.0000*	
Boron		*0.0037*	
Calcium	*500*	*506*	*101*
Chromium		*0.0027*	
Cobalt		*0.0003*	
Copper		*0.0030*	
Iron	*200*	*199*	*99*
Lithium		*0.0088*	
Magnesium	*500*	*595*	*119*
Manganese		*-0.0055*	
Molybdenum		*0.0004*	
Nickel		*0.0046*	
Potassium		*0.0175*	
Selenium		*0.0038*	
Silicon		*0.0027*	
Silver		*0.0001*	
Sodium		*0.0172*	
Strontium		*0.0023*	
Thallium		*-0.0026*	
Tin		*0.0025*	
Titanium		*0.0018*	
Vanadium		*-0.0025*	
Zinc		*0.0045*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSAB 600-69942/13 Instrument ID: Thermo6500

Lab File ID: a011212.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.533**	**107**
Lead	**1.00**	**0.953**	**95**
Aluminum	*510*	*532*	*104*
Antimony	*1.00*	*0.989*	*99*
Arsenic	*1.00*	*1.02*	*102*
Barium	*1.00*	*1.12*	*112*
Beryllium	*0.500*	*0.536*	*107*
Boron	*1.00*	*1.11*	*111*
Calcium	*510*	*509*	*100*
Chromium	*1.00*	*0.961*	*96*
Cobalt	*1.00*	*1.01*	*101*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*205*	*98*
Lithium	*1.00*	*1.08*	*108*
Magnesium	*510*	*609*	*119*
Manganese	*1.00*	*0.944*	*94*
Molybdenum	*1.00*	*0.934*	*93*
Nickel	*1.00*	*0.983*	*98*
Potassium	*10.0*	*11.1*	*111*
Selenium	*1.00*	*1.01*	*101*
Silicon	*1.00*	*0.960*	*96*
Silver	*0.500*	*0.562*	*112*
Sodium	*10.0*	*11.0*	*110*
Strontium	*0.500*	*0.544*	*109*
Thallium	*1.00*	*0.924*	*92*
Tin	*1.00*	*0.983*	*98*
Titanium	*1.00*	*0.980*	*98*
Vanadium	*1.00*	*0.959*	*96*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSA 600-69942/91 Instrument ID: Thermo6500

Lab File ID: a011212.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0196**	
Aluminum	*500*	*523*	*105*
Antimony		*-0.0119*	
Arsenic		*0.0010*	
Barium		*0.0008*	
Beryllium		*0.0000*	
Boron		*-0.0007*	
Calcium	*500*	*507*	*101*
Chromium		*0.0022*	
Cobalt		*0.0004*	
Copper		*0.0030*	
Iron	*200*	*200*	*100*
Lithium		*0.0086*	
Magnesium	*500*	*607*	*121*
Manganese		*-0.0057*	
Molybdenum		*0.0003*	
Nickel		*0.0052*	
Potassium		*0.0037*	
Selenium		*0.0007*	
Silicon		*-0.0058*	
Silver		*-0.0007*	
Sodium		*0.0382*	
Strontium		*0.0024*	
Thallium		*-0.0062*	
Tin		*0.0023*	
Titanium		*0.0021*	
Vanadium		*-0.0019*	
Zinc		*0.0044*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSAB 600-69942/92 Instrument ID: Thermo6500

Lab File ID: a011212.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.566**	**113**
Lead	**1.00**	**0.948**	**95**
Aluminum	*510*	*542*	*106*
Antimony	*1.00*	*1.01*	*101*
Arsenic	*1.00*	*1.05*	*105*
Barium	*1.00*	*1.12*	*112*
Beryllium	*0.500*	*0.536*	*107*
Boron	*1.00*	*1.12*	*112*
Calcium	*510*	*515*	*101*
Chromium	*1.00*	*1.06*	*106*
Cobalt	*1.00*	*1.04*	*104*
Copper	*1.00*	*1.17*	*117*
Iron	*210*	*209*	*100*
Lithium	*1.00*	*1.06*	*106*
Magnesium	*510*	*623*	*122*
Manganese	*1.00*	*1.01*	*101*
Molybdenum	*1.00*	*0.947*	*95*
Nickel	*1.00*	*0.965*	*96*
Potassium	*10.0*	*10.5*	*105*
Selenium	*1.00*	*1.03*	*103*
Silicon	*1.00*	*0.905*	*90*
Silver	*0.500*	*0.598*	*120*
Sodium	*10.0*	*11.0*	*110*
Strontium	*0.500*	*0.531*	*106*
Thallium	*1.00*	*0.891*	*89*
Tin	*1.00*	*0.954*	*95*
Titanium	*1.00*	*1.04*	*104*
Vanadium	*1.00*	*1.02*	*102*
Zinc	*1.00*	*1.04*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSA 600-69997/12 Instrument ID: Thermo6500

Lab File ID: A011312.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0000**	
Lead		**-0.0197**	
Aluminum	*500*	*533*	*107*
Antimony		*-0.0093*	
Arsenic		*0.0013*	
Barium		*0.0004*	
Beryllium		*0.0001*	
Boron		*0.0026*	
Calcium	*500*	*509*	*102*
Chromium		*0.0020*	
Cobalt		*0.0003*	
Copper		*0.0026*	
Iron	*200*	*199*	*99*
Lithium		*0.0079*	
Magnesium	*500*	*581*	*116*
Manganese		*-0.0054*	
Molybdenum		*-0.0003*	
Nickel		*0.0046*	
Potassium		*0.0229*	
Selenium		*0.0015*	
Silicon		*0.0123*	
Silver		*0.0005*	
Sodium		*0.0124*	
Strontium		*0.0024*	
Thallium		*-0.0060*	
Tin		*0.0021*	
Titanium		*0.0026*	
Vanadium		*-0.0061*	
Zinc		*0.0044*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSAB 600-69997/13 Instrument ID: Thermo6500

Lab File ID: A011312.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.518**	**104**
Lead	**1.00**	**0.943**	**94**
Aluminum	*510*	*529*	*104*
Antimony	*1.00*	*0.982*	*98*
Arsenic	*1.00*	*1.02*	*102*
Barium	*1.00*	*1.10*	*110*
Beryllium	*0.500*	*0.528*	*106*
Boron	*1.00*	*1.10*	*110*
Calcium	*510*	*509*	*100*
Chromium	*1.00*	*0.902*	*90*
Cobalt	*1.00*	*0.996*	*100*
Copper	*1.00*	*1.02*	*102*
Iron	*210*	*204*	*97*
Lithium	*1.00*	*1.09*	*109*
Magnesium	*510*	*595*	*117*
Manganese	*1.00*	*0.891*	*89*
Molybdenum	*1.00*	*0.934*	*93*
Nickel	*1.00*	*0.985*	*98*
Potassium	*10.0*	*11.3*	*113*
Selenium	*1.00*	*1.01*	*101*
Silicon	*1.00*	*0.964*	*96*
Silver	*0.500*	*0.532*	*106*
Sodium	*10.0*	*10.9*	*109*
Strontium	*0.500*	*0.543*	*109*
Thallium	*1.00*	*0.929*	*93*
Tin	*1.00*	*0.987*	*99*
Titanium	*1.00*	*0.932*	*93*
Vanadium	*1.00*	*0.907*	*91*
Zinc	*1.00*	*1.000*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSA 600-69997/61 Instrument ID: Thermo6500

Lab File ID: A011312.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0004**	
Lead		**-0.0264**	
Aluminum	*500*	*552*	*110*
Antimony		*-0.0110*	
Arsenic		*0.0040*	
Barium		*0.0004*	
Beryllium		*0.0001*	
Boron		*-0.0015*	
Calcium	*500*	*515*	*103*
Chromium		*0.0021*	
Cobalt		*0.0003*	
Copper		*0.0040*	
Iron	*200*	*195*	*97*
Lithium		*0.0094*	
Magnesium	*500*	*557*	*111*
Manganese		*-0.0053*	
Molybdenum		*0.0001*	
Nickel		*0.0044*	
Potassium		*-0.0030*	
Selenium		*0.0020*	
Silicon		*0.0145*	
Silver		*0.0001*	
Sodium		*0.0617*	
Strontium		*0.0026*	
Thallium		*-0.0001*	
Tin		*0.0025*	
Titanium		*0.0019*	
Vanadium		*-0.0071*	
Zinc		*0.0044*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSAB 600-69997/62 Instrument ID: Thermo6500

Lab File ID: A011312.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.532**	**106**
Lead	**1.00**	**0.916**	**92**
Aluminum	*510*	*569*	*112*
Antimony	*1.00*	*1.09*	*109*
Arsenic	*1.00*	*1.11*	*111*
Barium	*1.00*	*1.18*	*118*
Beryllium	*0.500*	*0.528*	*106*
Boron	*1.00*	*1.09*	*109*
Calcium	*510*	*524*	*103*
Chromium	*1.00*	*0.812*	*81*
Cobalt	*1.00*	*0.915*	*91*
Copper	*1.00*	*0.976*	*98*
Iron	*210*	*204*	*97*
Lithium	*1.00*	*1.31*	*131*
Magnesium	*510*	*563*	*110*
Manganese	*1.00*	*0.831*	*83*
Molybdenum	*1.00*	*1.05*	*105*
Nickel	*1.00*	*0.982*	*98*
Potassium	*10.0*	*12.1*	*121*
Selenium	*1.00*	*1.15*	*115*
Silicon	*1.00*	*1.13*	*113*
Silver	*0.500*	*0.508*	*102*
Sodium	*10.0*	*12.7*	*127*
Strontium	*0.500*	*0.601*	*120*
Thallium	*1.00*	*0.959*	*96*
Tin	*1.00*	*0.857*	*86*
Titanium	*1.00*	*0.760*	*76*
Vanadium	*1.00*	*0.758*	*76*
Zinc	*1.00*	*0.921*	*92*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSA 600-69772/7 Instrument ID: TJA1

Lab File ID: A011012 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0025**	
Lead		**0.0087**	
Aluminum	*500*	*500*	*100*
Antimony		*0.0023*	
Arsenic		*0.0001*	
Barium		*0.0017*	
Beryllium		*0.0000*	
Boron		*-0.0018*	
Calcium	*500*	*451*	*90*
Chromium		*0.0014*	
Cobalt		*0.0006*	
Copper		*0.0139*	
Iron	*200*	*191*	*96*
Lithium		*0.0045*	
Magnesium	*500*	*512*	*102*
Manganese		*-0.0077*	
Molybdenum		*0.0004*	
Nickel		*0.0013*	
Potassium		*0.0796*	
Selenium		*-0.0102*	
Silicon		*0.0141*	
Silver		*0.0001*	
Sodium		*0.160*	
Strontium		*-0.0089*	
Thallium		*-0.0193*	
Tin		*0.0049*	
Titanium		*-0.0025*	
Vanadium		*0.0030*	
Zinc		*0.0021*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSAB 600-69772/8 Instrument ID: TJA1

Lab File ID: A011012 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.471**	**94**
Lead	**1.00**	**0.961**	**96**
Aluminum	*510*	*508*	*100*
Antimony	*1.00*	*1.00*	*100*
Arsenic	*1.00*	*1.00*	*100*
Barium	*1.00*	*1.01*	*101*
Beryllium	*0.500*	*0.487*	*97*
Boron	*1.00*	*1.02*	*102*
Calcium	*510*	*458*	*90*
Chromium	*1.00*	*0.955*	*95*
Cobalt	*1.00*	*0.930*	*93*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*199*	*95*
Lithium	*1.00*	*1.22*	*122*
Magnesium	*510*	*521*	*102*
Manganese	*1.00*	*0.944*	*94*
Molybdenum	*1.00*	*0.969*	*97*
Nickel	*1.00*	*0.901*	*90*
Potassium	*10.0*	*13.8*	*138*
Selenium	*1.00*	*0.992*	*99*
Silicon	*1.00*	*0.954*	*95*
Silver	*0.500*	*0.527*	*105*
Sodium	*10.0*	*13.6*	*136*
Strontium	*0.500*	*0.485*	*97*
Thallium	*1.00*	*0.913*	*91*
Tin	*1.00*	*0.988*	*99*
Titanium	*1.00*	*0.976*	*98*
Vanadium	*1.00*	*0.973*	*97*
Zinc	*1.00*	*0.994*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSA 600-69772/108 Instrument ID: TJA1

Lab File ID: A011012 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0023**	
Lead		**0.0057**	
Aluminum	*500*	*469*	*94*
Antimony		*-0.0002*	
Arsenic		*-0.0021*	
Barium		*0.0017*	
Beryllium		*-0.0012*	
Boron		*-0.0013*	
Calcium	*500*	*416*	*83*
Chromium		*0.0011*	
Cobalt		*-0.0003*	
Copper		*0.0097*	
Iron	*200*	*181*	*90*
Lithium		*0.0041*	
Magnesium	*500*	*462*	*92*
Manganese		*-0.0066*	
Molybdenum		*-0.0009*	
Nickel		*0.0008*	
Potassium		*-0.224*	
Selenium		*-0.0157*	
Silicon		*-0.0003*	
Silver		*-0.0006*	
Sodium		*0.149*	
Strontium		*-0.0082*	
Thallium		*-0.0052*	
Tin		*-0.0013*	
Titanium		*-0.0023*	
Vanadium		*0.0038*	
Zinc		*0.0008*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSAB 600-69772/109 Instrument ID: TJA1

Lab File ID: A011012 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.448**	**90**
Lead	**1.00**	**0.887**	**89**
Aluminum	*510*	*478*	*94*
Antimony	*1.00*	*0.972*	*97*
Arsenic	*1.00*	*0.967*	*97*
Barium	*1.00*	*1.000*	*100*
Beryllium	*0.500*	*0.435*	*87*
Boron	*1.00*	*0.989*	*99*
Calcium	*510*	*428*	*84*
Chromium	*1.00*	*0.861*	*86*
Cobalt	*1.00*	*0.824*	*82*
Copper	*1.00*	*1.02*	*102*
Iron	*210*	*191*	*91*
Lithium	*1.00*	*1.22*	*122*
Magnesium	*510*	*474*	*93*
Manganese	*1.00*	*0.872*	*87*
Molybdenum	*1.00*	*0.920*	*92*
Nickel	*1.00*	*0.909*	*91*
Potassium	*10.0*	*14.1*	*141*
Selenium	*1.00*	*0.918*	*92*
Silicon	*1.00*	*0.883*	*88*
Silver	*0.500*	*0.501*	*100*
Sodium	*10.0*	*13.7*	*137*
Strontium	*0.500*	*0.477*	*95*
Thallium	*1.00*	*0.943*	*94*
Tin	*1.00*	*0.872*	*87*
Titanium	*1.00*	*0.939*	*94*
Vanadium	*1.00*	*0.903*	*90*
Zinc	*1.00*	*0.936*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSA 600-69797/7 Instrument ID: TJA1

Lab File ID: B011012 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0043**	
Lead		**0.0102**	
Aluminum	*500*	*492*	*98*
Antimony		*0.0012*	
Arsenic		*-0.0034*	
Barium		*0.0016*	
Beryllium		*-0.0004*	
Boron		*-0.0018*	
Calcium	*500*	*446*	*89*
Chromium		*0.0013*	
Cobalt		*-0.0002*	
Copper		*0.0122*	
Iron	*200*	*189*	*95*
Lithium		*0.0044*	
Magnesium	*500*	*500*	*100*
Manganese		*-0.0073*	
Molybdenum		*0.0003*	
Nickel		*0.0007*	
Potassium		*0.0492*	
Selenium		*-0.0103*	
Silicon		*0.0060*	
Silver		*-0.0008*	
Sodium		*0.156*	
Strontium		*-0.0088*	
Thallium		*-0.0114*	
Tin		*-0.0010*	
Titanium		*-0.0024*	
Vanadium		*0.0040*	
Zinc		*0.0024*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSAB 600-69797/8 Instrument ID: TJA1

Lab File ID: B011012 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.469**	**94**
Lead	**1.00**	**0.947**	**95**
Aluminum	*510*	*497*	*97*
Antimony	*1.00*	*1.00*	*100*
Arsenic	*1.00*	*0.992*	*99*
Barium	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.470*	*94*
Boron	*1.00*	*1.01*	*101*
Calcium	*510*	*451*	*88*
Chromium	*1.00*	*0.932*	*93*
Cobalt	*1.00*	*0.907*	*91*
Copper	*1.00*	*1.06*	*106*
Iron	*210*	*197*	*94*
Lithium	*1.00*	*1.23*	*123*
Magnesium	*510*	*505*	*99*
Manganese	*1.00*	*0.928*	*93*
Molybdenum	*1.00*	*0.960*	*96*
Nickel	*1.00*	*0.902*	*90*
Potassium	*10.0*	*13.8*	*138*
Selenium	*1.00*	*0.972*	*97*
Silicon	*1.00*	*0.942*	*94*
Silver	*0.500*	*0.520*	*104*
Sodium	*10.0*	*13.5*	*135*
Strontium	*0.500*	*0.494*	*99*
Thallium	*1.00*	*0.943*	*94*
Tin	*1.00*	*0.961*	*96*
Titanium	*1.00*	*0.968*	*97*
Vanadium	*1.00*	*0.958*	*96*
Zinc	*1.00*	*0.986*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSA 600-69797/36 Instrument ID: TJA1

Lab File ID: B011012 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0017**	
Lead		**0.0093**	
Aluminum	*500*	*473*	*95*
Antimony		*-0.0020*	
Arsenic		*-0.0013*	
Barium		*0.0017*	
Beryllium		*-0.0011*	
Boron		*-0.0016*	
Calcium	*500*	*436*	*87*
Chromium		*0.0013*	
Cobalt		*-0.0006*	
Copper		*0.0105*	
Iron	*200*	*186*	*93*
Lithium		*0.0043*	
Magnesium	*500*	*479*	*96*
Manganese		*-0.0069*	
Molybdenum		*-0.0001*	
Nickel		*0.0004*	
Potassium		*0.0434*	
Selenium		*-0.0146*	
Silicon		*-0.0038*	
Silver		*-0.0009*	
Sodium		*0.159*	
Strontium		*-0.0086*	
Thallium		*0.0070*	
Tin		*-0.0019*	
Titanium		*-0.0023*	
Vanadium		*0.0042*	
Zinc		*0.0006*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Lab Sample ID: ICSAB 600-69797/37 Instrument ID: TJA1

Lab File ID: B011012 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.470**	**94**
Lead	**1.00**	**0.931**	**93**
Aluminum	*510*	*484*	*95*
Antimony	*1.00*	*1.02*	*102*
Arsenic	*1.00*	*0.979*	*98*
Barium	*1.00*	*1.03*	*103*
Beryllium	*0.500*	*0.444*	*89*
Boron	*1.00*	*1.02*	*102*
Calcium	*510*	*442*	*87*
Chromium	*1.00*	*0.899*	*90*
Cobalt	*1.00*	*0.873*	*87*
Copper	*1.00*	*1.02*	*102*
Iron	*210*	*195*	*93*
Lithium	*1.00*	*1.24*	*124*
Magnesium	*510*	*489*	*96*
Manganese	*1.00*	*0.908*	*91*
Molybdenum	*1.00*	*0.945*	*94*
Nickel	*1.00*	*0.913*	*91*
Potassium	*10.0*	*13.9*	*139*
Selenium	*1.00*	*0.939*	*94*
Silicon	*1.00*	*0.913*	*91*
Silver	*0.500*	*0.512*	*102*
Sodium	*10.0*	*13.6*	*136*
Strontium	*0.500*	*0.505*	*101*
Thallium	*1.00*	*0.980*	*98*
Tin	*1.00*	*0.933*	*93*
Titanium	*1.00*	*0.953*	*95*
Vanadium	*1.00*	*0.929*	*93*
Zinc	*1.00*	*0.987*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 2 MS Lab ID: 600-48380-5 MS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5424		0.000350	U	0.500	108	75-125		6010B
Cadmium	0.5094		0.000350	U	0.500	102	75-125		6010B
Lead	1.004		0.00368	J	1.00	100	75-125		6010B
Lead	0.9967		0.00340	J	1.00	99	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 2 MSD Lab ID: 600-48380-5 MSD

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.5042		0.500	101	75-125	1	20		6010B
Cadmium	0.5478		0.500	110	75-125	1	20		6010B
Lead	0.9964		1.00	99	75-125	0	20		6010B
Lead	0.9956		1.00	99	75-125	1	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 2 PDS Lab ID: 600-48380-5 PDS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Water Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5083		0.000350	U	0.500	102	75-125		6010B
Cadmium	0.5202		0.000350	U	0.500	104	75-125		6010B
Lead	0.9521		0.00340	J	1.00	95	75-125		6010B
Lead	0.9984		0.00368	J	1.00	99	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: Equipment Blank 2 DU | Lab ID: 600-48380-5 DU

Lab Name: TestAmerica Houston | Job No.: 600-48380-1

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.00500	0.000350	U	0.000350	U	NC		6010B
Cadmium	0.00500	0.000350	U	0.000350	U	NC		6010B
Lead	0.0100	0.00340	J	0.007200	J	72		6010B
Lead	0.0100	0.00368	J	0.006930	J	61		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69585/2-A

Lab Name: TestAmerica Houston Job No.: 600-48380-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	68.14		96	81	119		6010B
Lead	144	114.1		79	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69725/2-A

Lab Name: TestAmerica Houston Job No.: 600-48380-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.5117		102	80	120		6010B
Lead	1.00	1.009		101	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69725/2-A

Lab Name: TestAmerica Houston Job No.: 600-48380-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.5430		109	80	120		6010B
Lead	1.00	0.9974		100	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69725/2-A

Lab Name: TestAmerica Houston Job No.: 600-48380-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.5074		101	80	120		6010B
Lead	1.00	1.000		100	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-48380-5

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48380-1

Matrix: Water Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	0.000350	U	0.00175	U	NC		6010B
Cadmium	0.000350	U	0.00175	U	NC		6010B
Lead	0.00340	J	0.0145	U	NC		6010B
Lead	0.00368	J	0.0145	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-48380-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-69585/1-A	01/06/2012 16:05	69585	1.00		50
LCS 600-69585/2-A	01/06/2012 16:05	69585	0.50		50
600-48380-1	01/06/2012 16:05	69585	1.03		50
600-48380-2	01/06/2012 16:05	69585	1.01		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-69725/1-A	01/10/2012 08:35	69725		50	50
LCS 600-69725/2-A	01/10/2012 08:35	69725		50	50
600-48380-3	01/10/2012 08:35	69725		10	50
600-48380-5	01/10/2012 08:35	69725		50	50
600-48380-5 DU	01/10/2012 08:35	69725		50	50
600-48380-5 MS	01/10/2012 08:35	69725		50	50
600-48380-5 MSD	01/10/2012 08:35	69725		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/12/2012 08:42 End Date: 01/12/2012 13:27

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-69942/1			08:42																					
RINSE 600-69942/2			08:44																					
ZZZZZZ			08:47																					
ZZZZZZ			08:50																					
CALIBSTD 600-69942/5 IC			08:53	X	X																			
CALIBSTD 600-69942/6 IC			08:55	X	X																			
CALIBSTD 600-69942/7 IC			08:58	X	X																			
CALIBSTD 600-69942/8 IC			09:00	X	X																			
ICV 600-69942/9	1		09:03	X	X																			
ZZZZZZ			09:05																					
ICB 600-69942/11	1		09:08	X	X																			
ICSA 600-69942/12	1		09:11	X	X																			
ICSAB 600-69942/13	1		09:14	X	X																			
CCV 600-69942/14			09:16																					
ZZZZZZ			09:19																					
CCB 600-69942/16			09:21																					
ZZZZZZ			09:51																					
ZZZZZZ			09:54																					
ZZZZZZ			09:57																					
ZZZZZZ			09:59																					
ZZZZZZ			10:02																					
ZZZZZZ			10:05																					
ZZZZZZ			10:07																					
ZZZZZZ			10:10																					
ZZZZZZ			10:13																					
ZZZZZZ			10:16																					
CCV 600-69942/27			10:18																					
ZZZZZZ			10:21																					
CCB 600-69942/29			10:24																					
ZZZZZZ			10:26																					
ZZZZZZ			10:29																					
ZZZZZZ			10:32																					
ZZZZZZ			10:35																					
ZZZZZZ			10:38																					
ZZZZZZ			10:41																					
ZZZZZZ			10:44																					
ZZZZZZ			10:46																					
ZZZZZZ			10:48																					
ZZZZZZ			10:51																					
CCV 600-69942/40			10:54																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/12/2012 08:42 End Date: 01/12/2012 13:27

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			10:57																					
CCB 600-69942/42			10:59																					
ZZZZZZ			11:02																					
ZZZZZZ			11:05																					
ZZZZZZ			11:08																					
ZZZZZZ			11:11																					
ZZZZZZ			11:14																					
ZZZZZZ			11:17																					
ZZZZZZ			11:19																					
ZZZZZZ			11:22																					
ZZZZZZ			11:25																					
ZZZZZZ			11:28																					
CCV 600-69942/53			11:31																					
ZZZZZZ			11:33																					
CCB 600-69942/55			11:36																					
ZZZZZZ			11:39																					
ZZZZZZ			11:42																					
CCV 600-69942/58			11:44																					
ZZZZZZ			11:47																					
CCB 600-69942/60			11:50																					
ZZZZZZ			11:52																					
ZZZZZZ			11:55																					
ZZZZZZ			11:58																					
ZZZZZZ			12:01																					
ZZZZZZ			12:04																					
ZZZZZZ			12:07																					
ZZZZZZ			12:09																					
ZZZZZZ			12:12																					
ZZZZZZ			12:15																					
ZZZZZZ			12:17																					
CCV 600-69942/71	1		12:20	X	X																			
ZZZZZZ			12:23																					
CCB 600-69942/73	1		12:26	X	X																			
ZZZZZZ			12:28																					
ZZZZZZ			12:31																					
MB 600-69725/1-A	1	T	12:34	X	X																			
LCS 600-69725/2-A	1	T	12:37	X	X																			
ZZZZZZ			12:39																					
ZZZZZZ			12:42																					
600-48380-5 DU	1	T	12:45	X	X																			
600-48380-5 MS	1	T	12:48	X	X																			
600-48380-5 MSD	1	T	12:50	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/12/2012 08:42 End Date: 01/12/2012 13:27

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
600-48380-5 PDS	1	T	12:52	X	X																			
CCV 600-69942/84	1		12:55	X	X																			
ZZZZZZ			12:58																					
CCB 600-69942/86	1		13:00	X	X																			
600-48380-5 SD	5	T	13:03	X	X																			
CCV 600-69942/88	1		13:06	X	X																			
ZZZZZZ			13:09																					
CCB 600-69942/90	1		13:11	X	X																			
ICSA 600-69942/91	1		13:14	X	X																			
ICSAB 600-69942/92	1		13:17	X	X																			
CCV 600-69942/93			13:19																					
CCB 600-69942/94			13:22																					
RINSE 600-69942/95			13:25																					
RINSE 600-69942/96			13:27																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/13/2012 07:33 End Date: 01/13/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-69997/1			07:33																					
RINSE 600-69997/2			07:36																					
ZZZZZZ			07:39																					
ZZZZZZ			07:41																					
CALIBSTD 600-69997/5 IC			07:44	X	X																			
CALIBSTD 600-69997/6 IC			07:46	X	X																			
CALIBSTD 600-69997/7 IC			07:49	X	X																			
CALIBSTD 600-69997/8 IC			07:51	X	X																			
ICV 600-69997/9	1		07:54	X	X																			
ZZZZZZ			07:56																					
ICB 600-69997/11	1		07:59	X	X																			
ICSA 600-69997/12	1		08:02	X	X																			
ICSAB 600-69997/13	1		08:04	X	X																			
CCV 600-69997/14			08:07																					
ZZZZZZ			08:09																					
CCB 600-69997/16			08:12																					
ZZZZZZ			08:14																					
ZZZZZZ			08:17																					
ZZZZZZ			08:20																					
ZZZZZZ			08:22																					
ZZZZZZ			08:25																					
ZZZZZZ			08:28																					
ZZZZZZ			08:30																					
ZZZZZZ			08:33																					
ZZZZZZ			08:36																					
CCV 600-69997/26	1		08:38	X	X																			
ZZZZZZ			08:41																					
CCB 600-69997/28	1		08:44	X	X																			
MB 600-69725/1-A	1	T	08:46	X	X																			
LCS 600-69725/2-A	1	T	08:49	X	X																			
600-48380-3	1	T	08:51	X	X																			
ZZZZZZ			08:54																					
ZZZZZZ			08:57																					
ZZZZZZ			09:00																					
ZZZZZZ			09:02																					
ZZZZZZ			09:05																					
ZZZZZZ			09:07																					
ZZZZZZ			09:10																					
CCV 600-69997/39	1		09:13	X	X																			
ZZZZZZ			09:15																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/13/2012 07:33 End Date: 01/13/2012 10:59

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
CCB 600-69997/41	1		09:18	X	X																			
ZZZZZZ			09:20																					
ZZZZZZ			09:23																					
ZZZZZZ			09:26																					
ZZZZZZ			09:28																					
ZZZZZZ			09:31																					
ZZZZZZ			09:34																					
ZZZZZZ			09:36																					
ZZZZZZ			09:39																					
ZZZZZZ			09:42																					
ZZZZZZ			09:45																					
CCV 600-69997/52	1		09:47	X	X																			
ZZZZZZ			09:50																					
CCB 600-69997/54	1		09:52	X	X																			
ZZZZZZ			09:55																					
ZZZZZZ			09:58																					
ZZZZZZ			10:00																					
CCV 600-69997/58	1		10:03	X	X																			
ZZZZZZ			10:05																					
CCB 600-69997/60	1		10:08	X	X																			
ICSA 600-69997/61	1		10:46	X	X																			
ICSAB 600-69997/62	1		10:49	X	X																			
CCV 600-69997/63			10:51																					
CCB 600-69997/64			10:54																					
RINSE 600-69997/65			10:57																					
RINSE 600-69997/66			10:59																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/10/2012 07:27 End Date: 01/10/2012 14:39

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			07:27																				
STD 600-69772/2 IC			07:30	X	X																		
ZZZZZZ			07:35																				
ICV 600-69772/4	1		07:38	X	X																		
ICB 600-69772/5	1		07:42	X	X																		
CRI 600-69772/6	1		07:46	X	X																		
ICSA 600-69772/7	1		07:50	X	X																		
ICSAB 600-69772/8	1		07:54	X	X																		
CCV 600-69772/9			07:58																				
CCB 600-69772/10			08:02																				
ZZZZZZ			08:07																				
ZZZZZZ			08:11																				
ZZZZZZ			08:14																				
ZZZZZZ			08:18																				
ZZZZZZ			08:22																				
ZZZZZZ			08:26																				
ZZZZZZ			08:30																				
ZZZZZZ			08:34																				
ZZZZZZ			08:38																				
ZZZZZZ			08:41																				
CCV 600-69772/21			08:45																				
CCB 600-69772/22			08:49																				
ZZZZZZ			08:53																				
ZZZZZZ			08:57																				
ZZZZZZ			09:01																				
ZZZZZZ			09:05																				
ZZZZZZ			09:08																				
ZZZZZZ			09:12																				
ZZZZZZ			09:16																				
ZZZZZZ			09:20																				
ZZZZZZ			09:24																				
ZZZZZZ			09:28																				
CCV 600-69772/33			09:31																				
CCB 600-69772/34			09:35																				
ZZZZZZ			09:39																				
ZZZZZZ			09:43																				
ZZZZZZ			09:48																				
ZZZZZZ			09:52																				
ZZZZZZ			09:56																				
ZZZZZZ			10:02																				
ZZZZZZ			10:05																				
ZZZZZZ			10:09																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/10/2012 07:27 End Date: 01/10/2012 14:39

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			10:13																					
CCV 600-69772/44			10:17																					
CCB 600-69772/45			10:21																					
ZZZZZZ			10:25																					
ZZZZZZ			10:28																					
ZZZZZZ			10:32																					
ZZZZZZ			10:36																					
ZZZZZZ			10:40																					
ZZZZZZ			10:44																					
ZZZZZZ			10:48																					
ZZZZZZ			10:52																					
ZZZZZZ			10:55																					
ZZZZZZ			10:59																					
CCV 600-69772/56			11:03																					
CCB 600-69772/57			11:07																					
ZZZZZZ			11:11																					
ZZZZZZ			11:15																					
ZZZZZZ			11:19																					
ZZZZZZ			11:24																					
ZZZZZZ			11:28																					
ZZZZZZ			11:32																					
ZZZZZZ			11:36																					
ZZZZZZ			11:39																					
ZZZZZZ			11:43																					
CCV 600-69772/67	1		11:48	X	X																			
CCB 600-69772/68	1		11:52	X	X																			
ZZZZZZ			11:56																					
ZZZZZZ			11:59																					
MB 600-69585/1-A	1	T	12:03	X	X																			
LCS 600-69585/2-A	1	T	12:07	X	X																			
ZZZZZZ			12:11																					
ZZZZZZ			12:15																					
ZZZZZZ			12:19																					
ZZZZZZ			12:23																					
ZZZZZZ			12:26																					
CCV 600-69772/78	1		12:30	X	X																			
CCB 600-69772/79	1		12:34	X	X																			
ZZZZZZ			12:38																					
ZZZZZZ			12:42																					
ZZZZZZ			12:46																					
ZZZZZZ			12:50																					
ZZZZZZ			12:53																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/10/2012 07:27 End Date: 01/10/2012 14:39

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			12:57																				
ZZZZZZ			13:01																				
ZZZZZZ			13:05																				
ZZZZZZ			13:09																				
CCV 600-69772/89	1		13:13	X	X																		
CCB 600-69772/90	1		13:17	X	X																		
ZZZZZZ			13:20																				
ZZZZZZ			13:24																				
ZZZZZZ			13:28																				
ZZZZZZ			13:32																				
ZZZZZZ			13:36																				
ZZZZZZ			13:40																				
ZZZZZZ			13:44																				
ZZZZZZ			13:47																				
ZZZZZZ			13:51																				
ZZZZZZ			13:55																				
CCV 600-69772/101	1		13:59	X	X																		
CCB 600-69772/102	1		14:03	X	X																		
600-48380-1	1	T	14:08	X	X																		
600-48380-2	1	T	14:12	X	X																		
ZZZZZZ			14:15																				
ZZZZZZ			14:19																				
CRI 600-69772/107	1		14:23	X	X																		
ICSA 600-69772/108	1		14:27	X	X																		
ICSAB 600-69772/109	1		14:31	X	X																		
CCV 600-69772/110	1		14:35	X	X																		
CCB 600-69772/111	1		14:39	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/10/2012 14:58 End Date: 01/10/2012 17:28

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			14:58																					
STD 600-69797/2 IC			15:02	X	X																			
ZZZZZZ			15:06																					
ICV 600-69797/4	1		15:10	X	X																			
ICB 600-69797/5	1		15:14	X	X																			
CRI 600-69797/6	1		15:18	X	X																			
ICSA 600-69797/7	1		15:22	X	X																			
ICSAB 600-69797/8	1		15:26	X	X																			
CCV 600-69797/9	1		15:30	X	X																			
CCB 600-69797/10	1		15:33	X	X																			
MB 600-69725/1-A	1	T	15:37	X	X																			
LCS 600-69725/2-A	1	T	15:41	X	X																			
600-48380-5	1	T	15:45	X	X																			
600-48380-5 DU	1	T	15:49	X	X																			
600-48380-5 MS	1	T	15:53	X	X																			
600-48380-5 MSD	1	T	15:56	X	X																			
ZZZZZZ			16:00																					
ZZZZZZ			16:05																					
600-48380-5 PDS	1	T	16:09	X	X																			
600-48380-5 SD	5	T	16:13	X	X																			
CCV 600-69797/21	1		16:16	X	X																			
CCB 600-69797/22	1		16:20	X	X																			
ZZZZZZ			16:24																					
ZZZZZZ			16:28																					
ZZZZZZ			16:32																					
ZZZZZZ			16:36																					
ZZZZZZ			16:40																					
ZZZZZZ			16:43																					
ZZZZZZ			16:47																					
ZZZZZZ			16:51																					
ZZZZZZ			16:55																					
ZZZZZZ			16:59																					
CCV 600-69797/33			17:03																					
CCB 600-69797/34			17:07																					
CRI 600-69797/35	1		17:12	X	X																			
ICSA 600-69797/36	1		17:16	X	X																			
ICSAB 600-69797/37	1		17:20	X	X																			
CCV 600-69797/38			17:24																					
CCB 600-69797/39			17:28																					

Prep Types
T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v610)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 8:42:14
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	s .0033	0.0015	45.83	0.0022	s .0043
Al3082	308.215	{1 In2306	ppm	k -1.524	0.0302	1.979	-1.503	k -1.546
As1890	189.042	{4 Y_2243	ppm	s .0111	0.0023	20.58	0.0127	s .0095
B_2496	249.678	{1 Y_3710	ppm	s -.0436	0.0167	38.43	-0.0554	s -.0317
Ba4554	455.403	{ 7 Y_3710	ppm	s -.0066	0.0035	52.38	-0.0091	s -.0042
Be3130	313.042	{1 Y_3710	ppm	s -.0003	0.0001	42.62	-0.0002	s -.0004
Ca3158	315.887	{1 In2306	ppm	0.2683	0.0234	8.706	0.2848	0.2518
Ca3181	318.128	{1 In2306	ppm	k .3353	0.0062	1.836	0.331	k .3397
Cd2288	228.802	{4 Y_2243	ppm	s -.0038	0	0.9385	-0.0038	s -.0038
Co2286	228.616	{4 In2306	ppm	s -.0015	0.0002	16.27	-0.0013	s -.0016
Cr2677	267.716	{1 Y_3600	ppm	s -.0063	0.0016	25.27	-0.0052	s -.0074
Cu3247	324.754	{1 Y_3600	ppm	s -.0046	0.0579	1273	-0.0455	s .0364
Fe2404	240.488	{1 In2306	ppm	-0.0304	0.0134	43.95	-0.0399	-0.021
K_7664	766.490	{ 4 Y_3710	ppm	s .2862	0.0179	6.241	0.2989	s .2736
K_7698	769.896	{ 4 Y_3710	ppm	s -7.725	2.305	29.84	-9.355	s -6.095
Li6707	670.784	{ 5 Y_3710	ppm	s -.0086	0.0025	28.93	-0.0103	s -.0068
Mg2790	279.079	{1 Y_3710	ppm	s .0928	0.1667	179.6	0.2107	s -.0251
Mn2576	257.610	{1 Y_3600	ppm	s -.0018	0.0006	33.84	-0.0023	s -.0014
Mn2576-2	257.610	{1 Y_3710	ppm	s -.0005	0.0014	284.6	0.0005	s -.0015
Mo2020	202.030	{4 Y_2243	ppm	s -.0005	0.0007	138.2	-0.001	s .0000
Na5895	589.592	{ 5 Y_3710	ppm	s -.1054	0.0211	19.99	-0.1203	s -.0905
Na8183	818.326	{ 4 Y_3710	ppm	s 3.483	0.4032	11.58	3.768	s 3.198
Ni2316	231.604	{4 In2306	ppm	s -.0062	0.0008	12.54	-0.0057	s -.0068
P_1782	178.284	{4 In2306	ppm	s -.0305	0.0007	2.171	-0.03	s -.0310
Pb2203	220.353	{4 In2306	ppm	s -.0012	0.0006	51.65	-0.0008	s -.0017
S_1820	182.034	{4 Y_2243	ppm	s -.0173	0.0127	73.25	-0.0083	s -.0263
Sb2068	206.833	{4 Y_2243	ppm	s .0242	0.0048	20.02	0.0208	s .0276
Se1960	196.090	{4 Y_2243	ppm	s .0043	0.0001	3.234	0.0042	s .0044
Si2516	251.611	{1 Y_3710	ppm	s -.1363	0.4814	353.2	-0.4767	s .2041
Sn1899	189.989	{4 In2306	ppm	s -.0026	0.0005	18.25	-0.0022	s -.0029
Sr4215	421.552	{ 8 Y_3710	ppm	s -.0001	0.0005	380.1	0.0002	s -.0005
Ti3349	334.904	{1 Y_3600	ppm	s -.0023	0.0041	177.2	0.0006	s -.0052
Tl1908	190.856	{4 In2306	ppm	s .0098	0.0038	38.97	0.0125	s .0071
V_2924	292.402	{1 Y_3600	ppm	s .0251	0.0012	4.866	0.0243	s .0260
Zn2062	206.200	{4 In2306	ppm	s -.0052	0.0002	4.513	-0.0054	s -.0050

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	689.84	25.105	3.6392	672.09	707.59
In2306	230.606	{4 Cts/S	^ *****	-----	-----	27387	^-----
Y_2243	224.306	{4 Cts/S	^ *****	-----	-----	37839	^-----
Y_3600	360.073	{ 9 Cts/S	^ *****	-----	-----	398600	^-----

Y_3710 371.030 { ⸗Cts/S ^ ***** ----- ----- 38585 ^-----

[Sample Header]
Method=ICP6500Metals_TRY3(v610)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 8:44:55
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0049	0.0021	42.48	0.0034	0.0064
Al3082	308.215	{1	In2306	ppm	-0.2752	0.3567	129.6	-0.5274	-0.023
As1890	189.042	{4	Y_2243	ppm	0.0051	0.0017	33.25	0.0039	0.0062
B_2496	249.678	{1	Y_3710	ppm	-0.0067	0.0459	686	0.0258	-0.0392
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0021	0.0004	19.21	-0.0018	-0.0024
Be3130	313.042	{1	Y_3710	ppm	-0.0004	0.0005	125.1	-0.0007	0
Ca3158	315.887	{1	In2306	ppm	0.078	0.1319	169.2	-0.0153	0.1713
Ca3181	318.128	{1	In2306	ppm	-0.0982	0.2096	213.4	0.05	-0.2464
Cd2288	228.802	{4	Y_2243	ppm	-0.0018	0.0005	29.02	-0.0014	-0.0021
Co2286	228.616	{4	In2306	ppm	-0.0025	0.0003	12.63	-0.0028	-0.0023
Cr2677	267.716	{1	Y_3600	ppm	-0.0052	0.0008	14.55	-0.0047	-0.0057
Cu3247	324.754	{1	Y_3600	ppm	-0.0008	0.0002	24.35	-0.0009	-0.0007
Fe2404	240.488	{1	In2306	ppm	-0.0048	0.0158	325.4	-0.016	0.0063
K_7664	766.490	{ 4	Y_3710	ppm	0.2684	0.0399	14.86	0.2402	0.2966
K_7698	769.896	{ 4	Y_3710	ppm	1.37	0.439	32.05	1.06	1.68
Li6707	670.784	{ 5	Y_3710	ppm	-0.0063	0.0018	29.1	-0.0076	-0.005
Mg2790	279.079	{1	Y_3710	ppm	0.1183	0.1429	120.8	0.2194	0.0172
Mn2576	257.610	{1	Y_3600	ppm	-0.0016	0.0005	33.1	-0.0012	-0.002
Mn2576-2	257.610	{1	Y_3710	ppm	0.0064	0.0005	7.637	0.0068	0.0061
Mo2020	202.030	{4	Y_2243	ppm	-0.0016	0.0023	144.4	-0.0032	0
Na5895	589.592	{ 5	Y_3710	ppm	-0.007	0.033	473.6	-0.0303	0.0164
Na8183	818.326	{ 4	Y_3710	ppm	0.3715	0.5291	142.4	0.7456	-0.0026
Ni2316	231.604	{4	In2306	ppm	-0.0043	0.001	24.09	-0.0035	-0.005
P_1782	178.284	{4	In2306	ppm	-0.0183	0.0051	28.14	-0.0146	-0.0219
Pb2203	220.353	{4	In2306	ppm	-0.0023	0.0088	389.8	-0.0085	0.004
S_1820	182.034	{4	Y_2243	ppm	-0.1599	0.0057	3.555	-0.1559	-0.1639
Sb2068	206.833	{4	Y_2243	ppm	0.0215	0.0132	61.42	0.0122	0.0309
Se1960	196.090	{4	Y_2243	ppm	0.0088	0.0073	83.69	0.0036	0.014
Si2516	251.611	{1	Y_3710	ppm	-0.3341	0.0165	4.941	-0.3458	-0.3224
Sn1899	189.989	{4	In2306	ppm	-0.0036	0.0039	107.6	-0.0063	-0.0009
Sr4215	421.552	{ 8	Y_3710	ppm	0.0002	0.0006	358.7	-0.0002	0.0006
Ti3349	334.904	{1	Y_3600	ppm	-0.0078	0.0012	15.22	-0.007	-0.0087
Tl1908	190.856	{4	In2306	ppm	-0.003	0.0075	248.1	0.0023	-0.0083
V_2924	292.402	{1	Y_3600	ppm	0.011	0.0018	16.02	0.0098	0.0122
Zn2062	206.200	{4	In2306	ppm	0.0027	0.0003	10.64	0.0029	0.0025

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	209.01	0.98508	0.47131	209.71	208.31
In2306	230.606	{4	Cts/S	10586	11.108	0.10493	10594	10578
Y_2243	224.306	{4	Cts/S	13405	53.675	0.40042	13443	13367
Y_3600	360.073	{ 9	Cts/S	115560	531.01	0.45952	115180	115930

Y_3710	371.030 { 9	Cts/S	13036	40.152	0.30801	13008	13064	

[Sample Header]
Method=ICP6500Metals_TRY3(v610)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 8:47:55
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0	0	44.52	0	0.0001
Al3082	308.215 {1	In2306	Cts/S	0.0564	0.0086	15.32	0.0625	0.0502
As1890	189.042 {4	Y_2243	Cts/S	0	0	3.444	0	0
B_2496	249.678 {1	Y_3710	Cts/S	0	0.0001	114.7	0	0.0001
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0031	0	1.468	0.0032	0.0031
Be3130	313.042 {1	Y_3710	Cts/S	-0.0001	0.0002	109.9	-0.0003	0
Ca3158	315.887 {1	In2306	Cts/S	-0.0323	0.0065	19.98	-0.0277	-0.0369
Ca3181	318.128 {1	In2306	Cts/S	-0.0028	0.0043	154.6	-0.0059	0.0003
Cd2288	228.802 {4	Y_2243	Cts/S	0.0005	0	5.406	0.0005	0.0004
Co2286	228.616 {4	In2306	Cts/S	-0.0002	0	12.83	-0.0002	-0.0002
Cr2677	267.716 {1	Y_3600	Cts/S	0	0	547.2	0	0
Cu3247	324.754 {1	Y_3600	Cts/S	0.0013	0	1.754	0.0013	0.0013
Fe2404	240.488 {1	In2306	Cts/S	0.0095	0.0024	24.88	0.0078	0.0111
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0007	0.0007	98.03	-0.0002	-0.0012
K_7698	769.896 { 4	Y_3710	Cts/S	0.0179	0.0007	4.084	0.0174	0.0184
Li6707	670.784 { 5	Y_3710	Cts/S	0.0029	0	0.1929	0.0029	0.0029
Mg2790	279.079 {1	Y_3710	Cts/S	-0.0001	0.0002	192.4	-0.0003	0
Mn2576	257.610 {1	Y_3600	Cts/S	0.0001	0	10.07	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	Cts/S	0	0.0001	1765	0.0001	-0.0001
Mo2020	202.030 {4	Y_2243	Cts/S	0.0001	0.0001	45.21	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	Cts/S	0.0039	0.0002	5.394	0.0041	0.0038
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0065	0.0009	13.83	-0.0072	-0.0059
Ni2316	231.604 {4	In2306	Cts/S	0.0002	0	5.992	0.0003	0.0002
P_1782	178.284 {4	In2306	Cts/S	0.0002	0	8.658	0.0002	0.0002
Pb2203	220.353 {4	In2306	Cts/S	-0.0001	0.0001	142.6	0	-0.0002
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	6.913	-0.0004	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	-0.0001	0	3.722	-0.0001	-0.0001
Se1960	196.090 {4	Y_2243	Cts/S	0	0	65.52	-0.0001	0
Si2516	251.611 {1	Y_3710	Cts/S	0.0003	0.0001	45.51	0.0004	0.0002
Sn1899	189.989 {4	In2306	Cts/S	0	0.0001	156.6	0.0001	0
Sr4215	421.552 { 8	Y_3710	Cts/S	-0.0003	0.001	310	0.0004	-0.001
Ti3349	334.904 {1	Y_3600	Cts/S	0.0001	0	50.84	0	0.0001
Tl1908	190.856 {4	In2306	Cts/S	0	0	67.67	0	0
V_2924	292.402 {1	Y_3600	Cts/S	-0.0001	0	13.86	-0.0001	-0.0001
Zn2062	206.200 {4	In2306	Cts/S	0.0007	0.0001	11.57	0.0006	0.0007

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	202.8	4.1091	2.0262	199.89	205.7
In2306	230.606 {4	Cts/S	10510	43.837	0.41711	10541	10479
Y_2243	224.306 {4	Cts/S	13188	101.12	0.76678	13260	13117

Y_3600	360.073 { 9	Cts/S	113350	823.6	0.72659	113930	112770
Y_3710	371.030 { 9	Cts/S	12886	90.619	0.70322	12822	12950

[Sample Header]
Method=ICP6500Metals_TRY3(v610)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 8:50:32
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0072	0	0.137	0.0072	0.0072
Al3082	308.215 {1	In2306	Cts/S	0.5072	0.0008	0.1494	0.5067	0.5077
As1890	189.042 {4	Y_2243	Cts/S	0.0078	0.0001	1.475	0.0078	0.0077
B_2496	249.678 {1	Y_3710	Cts/S	0.0038	0.0001	2.862	0.0038	0.0039
Ba4554	455.403 { 7	Y_3710	Cts/S	0.3659	0.002	0.5459	0.3673	0.3645
Be3130	313.042 {1	Y_3710	Cts/S	0.1921	0.001	0.507	0.1928	0.1915
Ca3158	315.887 {1	In2306	Cts/S	1.514	0.012	0.7916	1.522	1.505
Ca3181	318.128 {1	In2306	Cts/S	0.3185	0.0077	2.407	0.3239	0.3131
Cd2288	228.802 {4	Y_2243	Cts/S	0.0535	0.0007	1.322	0.054	0.053
Co2286	228.616 {4	In2306	Cts/S	0.0865	0.0012	1.425	0.0874	0.0856
Cr2677	267.716 {1	Y_3600	Cts/S	0.0105	0	0.3931	0.0105	0.0105
Cu3247	324.754 {1	Y_3600	Cts/S	0.0241	0.0001	0.5141	0.0241	0.024
Fe2404	240.488 {1	In2306	Cts/S	1.415	0.0044	0.3105	1.412	1.419
K_7664	766.490 { 4	Y_3710	Cts/S	0.0796	0.0009	1.083	0.0802	0.079
K_7698	769.896 { 4	Y_3710	Cts/S	0.0491	0.0021	4.278	0.0506	0.0476
Li6707	670.784 { 5	Y_3710	Cts/S	0.3176	0.001	0.3148	0.3183	0.3169
Mg2790	279.079 {1	Y_3710	Cts/S	0.0054	0	0.8758	0.0055	0.0054
Mn2576	257.610 {1	Y_3600	Cts/S	0.0766	0.0006	0.807	0.0771	0.0762
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0283	0	0.17	0.0283	0.0283
Mo2020	202.030 {4	Y_2243	Cts/S	0.0416	0.0006	1.546	0.0421	0.0412
Na5895	589.592 { 5	Y_3710	Cts/S	0.2712	0.001	0.3566	0.2718	0.2705
Na8183	818.326 { 4	Y_3710	Cts/S	0.0056	0.0007	12.21	0.0052	0.0061
Ni2316	231.604 {4	In2306	Cts/S	0.0517	0.001	1.876	0.0524	0.0511
P_1782	178.284 {4	In2306	Cts/S	0.0068	0.0001	1.433	0.0069	0.0068
Pb2203	220.353 {4	In2306	Cts/S	0.0163	0.0003	1.782	0.0165	0.0161
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0.0001	20.03	-0.0005	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0061	0.0001	1.946	0.0062	0.006
Se1960	196.090 {4	Y_2243	Cts/S	0.0051	0	0.894	0.0051	0.005
Si2516	251.611 {1	Y_3710	Cts/S	0.0021	0	0.8438	0.0021	0.0021
Sn1899	189.989 {4	In2306	Cts/S	0.0232	0.0005	2.242	0.0236	0.0229
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2498	0.0015	0.5837	0.2508	0.2487
Ti3349	334.904 {1	Y_3600	Cts/S	0.018	0	0.1338	0.018	0.018
Tl1908	190.856 {4	In2306	Cts/S	0.008	0.0002	2.198	0.0081	0.0079
V_2924	292.402 {1	Y_3600	Cts/S	0.0151	0.0001	0.625	0.0151	0.015
Zn2062	206.200 {4	In2306	Cts/S	0.1115	0.0017	1.487	0.1127	0.1103

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	203.19	0.06842	0.03367	203.14	203.24
In2306	230.606 {4	Cts/S	10340	43.275	0.41853	10309	10370

Y_2243	224.306 {4	Cts/S	13068	43.106	0.32986	13037	13098
Y_3600	360.073 { 9	Cts/S	112040	322.21	0.28758	111810	112270
Y_3710	371.030 { 9	Cts/S	13150	64.867	0.49329	13104	13196

[Sample Header]
Method=ICP6500Metals_TRY3(v610)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 8:53:11
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0145	0.0001	0.9133	0.0144	0.0146
Al3082	308.215 {1	In2306	Cts/S	0.9589	0.0005	0.047	0.9592	0.9586
As1890	189.042 {4	Y_2243	Cts/S	0.0158	0	0.2434	0.0158	0.0158
B_2496	249.678 {1	Y_3710	Cts/S	0.0075	0.0001	1.751	0.0076	0.0075
Ba4554	455.403 { 7	Y_3710	Cts/S	0.733	0.0014	0.1937	0.734	0.732
Be3130	313.042 {1	Y_3710	Cts/S	0.384	0.0001	0.0282	0.3841	0.384
Ca3158	315.887 {1	In2306	Cts/S	3.101	0.0084	0.2715	3.095	3.107
Ca3181	318.128 {1	In2306	Cts/S	0.6421	0.009	1.405	0.6485	0.6358
Cd2288	228.802 {4	Y_2243	Cts/S	0.1083	0.0001	0.0815	0.1082	0.1084
Co2286	228.616 {4	In2306	Cts/S	0.1757	0.0002	0.142	0.1755	0.1758
Cr2677	267.716 {1	Y_3600	Cts/S	0.0212	0	0.1287	0.0212	0.0212
Cu3247	324.754 {1	Y_3600	Cts/S	0.0468	0.0001	0.2647	0.0467	0.0469
Fe2404	240.488 {1	In2306	Cts/S	2.879	0.013	0.4516	2.888	2.87
K_7664	766.490 { 4	Y_3710	Cts/S	0.1585	0.0028	1.787	0.1605	0.1565
K_7698	769.896 { 4	Y_3710	Cts/S	0.0811	0.001	1.291	0.0818	0.0803
Li6707	670.784 { 5	Y_3710	Cts/S	0.6339	0.0064	1.014	0.6385	0.6294
Mg2790	279.079 {1	Y_3710	Cts/S	0.0112	0	0.2957	0.0113	0.0112
Mn2576	257.610 {1	Y_3600	Cts/S	0.1522	0	0.0278	0.1521	0.1522
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0562	0.0001	0.2323	0.0561	0.0563
Mo2020	202.030 {4	Y_2243	Cts/S	0.0843	0.0001	0.0966	0.0843	0.0842
Na5895	589.592 { 5	Y_3710	Cts/S	0.5383	0.0047	0.8689	0.5416	0.535
Na8183	818.326 { 4	Y_3710	Cts/S	0.0163	0.0006	3.778	0.0168	0.0159
Ni2316	231.604 {4	In2306	Cts/S	0.1039	0.0002	0.1935	0.1041	0.1038
P_1782	178.284 {4	In2306	Cts/S	0.0136	0.0002	1.376	0.0137	0.0134
Pb2203	220.353 {4	In2306	Cts/S	0.0328	0.0003	0.8049	0.033	0.0326
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	6.219	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0128	0.0001	0.5114	0.0129	0.0128
Se1960	196.090 {4	Y_2243	Cts/S	0.0103	0	0.1535	0.0103	0.0103
Si2516	251.611 {1	Y_3710	Cts/S	0.0039	0	0.7707	0.0039	0.0039
Sn1899	189.989 {4	In2306	Cts/S	0.0469	0.0002	0.3821	0.0471	0.0468
Sr4215	421.552 { 8	Y_3710	Cts/S	0.498	0.0013	0.2669	0.499	0.4971
Ti3349	334.904 {1	Y_3600	Cts/S	0.0364	0	0.0834	0.0364	0.0364
Tl1908	190.856 {4	In2306	Cts/S	0.0162	0	0.0366	0.0162	0.0162
V_2924	292.402 {1	Y_3600	Cts/S	0.0303	0	0.1359	0.0304	0.0303
Zn2062	206.200 {4	In2306	Cts/S	0.2229	0.001	0.4321	0.2236	0.2222

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	201.11	0.7313	0.36363	200.59	201.63

In2306	230.606 {4	Cts/S	10253	4.2251	0.04121	10256	10250
Y_2243	224.306 {4	Cts/S	13008	30.128	0.23161	13029	12987
Y_3600	360.073 { 9	Cts/S	111190	325.28	0.29255	111420	110960
Y_3710	371.030 { 9	Cts/S	13218	16.304	0.12335	13206	13229

[Sample Header]
Method=ICP6500Metals_TRY3(v610)
SampleName=CalibStd-3
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 8:55:50
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0287	0.0001	0.515	0.0288	0.0286
Al3082	308.215 {1	In2306	Cts/S	1.836	0.0012	0.0651	1.836	1.837
As1890	189.042 {4	Y_2243	Cts/S	0.0315	0.0002	0.5592	0.0314	0.0316
B_2496	249.678 {1	Y_3710	Cts/S	0.0154	0.0001	0.5227	0.0153	0.0155
Ba4554	455.403 { 7	Y_3710	Cts/S	1.459	0.0061	0.4191	1.455	1.463
Be3130	313.042 {1	Y_3710	Cts/S	0.7788	0.002	0.2553	0.7774	0.7802
Ca3158	315.887 {1	In2306	Cts/S	6.108	0.0338	0.5528	6.084	6.132
Ca3181	318.128 {1	In2306	Cts/S	1.295	0.0172	1.33	1.283	1.307
Cd2288	228.802 {4	Y_2243	Cts/S	0.2144	0.0013	0.6098	0.2135	0.2153
Co2286	228.616 {4	In2306	Cts/S	0.3522	0.0022	0.6159	0.3507	0.3538
Cr2677	267.716 {1	Y_3600	Cts/S	0.0422	0.0002	0.5683	0.0423	0.042
Cu3247	324.754 {1	Y_3600	Cts/S	0.0909	0.0003	0.3734	0.0911	0.0907
Fe2404	240.488 {1	In2306	Cts/S	5.619	0.0265	0.4709	5.6	5.637
K_7664	766.490 { 4	Y_3710	Cts/S	0.3204	0.0023	0.7095	0.3188	0.322
K_7698	769.896 { 4	Y_3710	Cts/S	0.1439	0.001	0.668	0.1432	0.1446
Li6707	670.784 { 5	Y_3710	Cts/S	1.274	0.0069	0.5428	1.269	1.278
Mg2790	279.079 {1	Y_3710	Cts/S	0.0228	0.0002	0.9863	0.0227	0.023
Mn2576	257.610 {1	Y_3600	Cts/S	0.3004	0.0019	0.6178	0.3017	0.2991
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1133	0.0011	0.9731	0.1125	0.114
Mo2020	202.030 {4	Y_2243	Cts/S	0.1666	0.0007	0.4272	0.1661	0.1671
Na5895	589.592 { 5	Y_3710	Cts/S	1.073	0.0063	0.5916	1.069	1.078
Na8183	818.326 { 4	Y_3710	Cts/S	0.0394	0.0003	0.8299	0.0392	0.0396
Ni2316	231.604 {4	In2306	Cts/S	0.2086	0.0007	0.3474	0.2081	0.2091
P_1782	178.284 {4	In2306	Cts/S	0.0271	0.0002	0.7503	0.0269	0.0272
Pb2203	220.353 {4	In2306	Cts/S	0.0659	0.0004	0.6285	0.0656	0.0662
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	0.2149	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0255	0	0.0457	0.0255	0.0255
Se1960	196.090 {4	Y_2243	Cts/S	0.0206	0.0001	0.5338	0.0205	0.0206
Si2516	251.611 {1	Y_3710	Cts/S	0.008	0.0002	3.098	0.0078	0.0082
Sn1899	189.989 {4	In2306	Cts/S	0.0942	0.0001	0.057	0.0942	0.0943
Sr4215	421.552 { 8	Y_3710	Cts/S	0.9951	0.0043	0.4366	0.9921	0.9982
Ti3349	334.904 {1	Y_3600	Cts/S	0.0722	0.0004	0.4921	0.0725	0.072
Tl1908	190.856 {4	In2306	Cts/S	0.0326	0.0001	0.3043	0.0325	0.0326
V_2924	292.402 {1	Y_3600	Cts/S	0.0605	0.0001	0.1997	0.0605	0.0604
Zn2062	206.200 {4	In2306	Cts/S	0.4506	0.0032	0.7174	0.4483	0.4529

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	204.21	1.7974	0.88016	205.48	202.94
In2306	230.606 {4	Cts/S	10104	37.767	0.37377	10131	10078
Y_2243	224.306 {4	Cts/S	13027	61.946	0.47553	13071	12983
Y_3600	360.073 { 9	Cts/S	110750	563.85	0.50913	110350	111150
Y_3710	371.030 { 9	Cts/S	13065	78.562	0.60131	13121	13010

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Custom ID2=
Custom ID3=
Run Time=1/12/2012 8:58:14
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0579	0.0005	0.8073	0.0583	0.0576
Al3082	308.215 {1	In2306	Cts/S	3.732	0.0599	1.604	3.774	3.69
As1890	189.042 {4	Y_2243	Cts/S	0.0637	0.0003	0.4448	0.0635	0.0639
B_2496	249.678 {1	Y_3710	Cts/S	0.0316	0.0009	2.808	0.0322	0.031
Ba4554	455.403 { 7	Y_3710	Cts/S	3.021	0.097	3.211	3.09	2.952
Be3130	313.042 {1	Y_3710	Cts/S	1.608	0.0547	3.402	1.646	1.569
Ca3158	315.887 {1	In2306	Cts/S	12.58	0.3471	2.759	12.83	12.34
Ca3181	318.128 {1	In2306	Cts/S	2.679	0.0702	2.619	2.729	2.629
Cd2288	228.802 {4	Y_2243	Cts/S	0.4289	0.0017	0.3964	0.4277	0.4301
Co2286	228.616 {4	In2306	Cts/S	0.7095	0.0018	0.255	0.7082	0.7108
Cr2677	267.716 {1	Y_3600	Cts/S	0.0841	0.0005	0.5802	0.0844	0.0837
Cu3247	324.754 {1	Y_3600	Cts/S	0.1824	0.0021	1.149	0.1839	0.181
Fe2404	240.488 {1	In2306	Cts/S	11.66	0.3082	2.643	11.88	11.44
K_7664	766.490 { 4	Y_3710	Cts/S	0.6542	0.0196	2.993	0.6681	0.6404
K_7698	769.896 { 4	Y_3710	Cts/S	0.2796	0.0067	2.38	0.2843	0.2749
Li6707	670.784 { 5	Y_3710	Cts/S	2.623	0.0736	2.807	2.675	2.571
Mg2790	279.079 {1	Y_3710	Cts/S	0.0475	0.0016	3.465	0.0487	0.0463
Mn2576	257.610 {1	Y_3600	Cts/S	0.6001	0.0039	0.6582	0.6028	0.5973
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2335	0.0078	3.342	0.2391	0.228
Mo2020	202.030 {4	Y_2243	Cts/S	0.3309	0.0001	0.0307	0.3308	0.3309
Na5895	589.592 { 5	Y_3710	Cts/S	2.199	0.0666	3.028	2.246	2.152
Na8183	818.326 { 4	Y_3710	Cts/S	0.0873	0.0044	5.056	0.0904	0.0842
Ni2316	231.604 {4	In2306	Cts/S	0.4176	0.0009	0.2222	0.417	0.4183
P_1782	178.284 {4	In2306	Cts/S	0.0553	0.0002	0.4456	0.0551	0.0555
Pb2203	220.353 {4	In2306	Cts/S	0.1322	0.0003	0.2133	0.132	0.1324
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	6.88	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0516	0.0001	0.2571	0.0517	0.0515
Se1960	196.090 {4	Y_2243	Cts/S	0.0413	0.0003	0.7968	0.0411	0.0415
Si2516	251.611 {1	Y_3710	Cts/S	0.0165	0	0.289	0.0165	0.0166
Sn1899	189.989 {4	In2306	Cts/S	0.1895	0.0001	0.0494	0.1896	0.1894
Sr4215	421.552 { 8	Y_3710	Cts/S	2.052	0.0675	3.291	2.099	2.004
Ti3349	334.904 {1	Y_3600	Cts/S	0.1447	0.001	0.6766	0.1454	0.144
Tl1908	190.856 {4	In2306	Cts/S	0.0653	0.0002	0.3321	0.0651	0.0654
V_2924	292.402 {1	Y_3600	Cts/S	0.1212	0.0005	0.4066	0.1215	0.1208
Zn2062	206.200 {4	In2306	Cts/S	0.9093	0.0019	0.2113	0.9079	0.9107

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	199.56	3.7793	1.8939	196.88	202.23
In2306	230.606 {4	Cts/S	9876.6	41.194	0.41709	9905.7	9847.4
Y_2243	224.306 {4	Cts/S	12915	63.833	0.49426	12960	12870
Y_3600	360.073 { 9	Cts/S	109260	860.68	0.78772	108650	109870
Y_3710	371.030 { 9	Cts/S	12717	381.27	2.9981	12447	12986

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Custom ID2=
Custom ID3=
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Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1154	0.0005	0.4484	0.1157	0.115
Al3082	308.215 {1	In2306	Cts/S	7.278	0.0926	1.272	7.212	7.343
As1890	189.042 {4	Y_2243	Cts/S	0.1286	0.0001	0.0692	0.1286	0.1285
B_2496	249.678 {1	Y_3710	Cts/S	0.062	0.0007	1.082	0.0615	0.0625
Ba4554	455.403 { 7	Y_3710	Cts/S	5.921	0.0305	0.5144	5.899	5.942
Be3130	313.042 {1	Y_3710	Cts/S	3.109	0.0251	0.8071	3.091	3.127
Ca3158	315.887 {1	In2306	Cts/S	25.55	0.2818	1.103	25.35	25.75
Ca3181	318.128 {1	In2306	Cts/S	5.427	0.041	0.7558	5.398	5.456
Cd2288	228.802 {4	Y_2243	Cts/S	0.8661	0.0015	0.1787	0.865	0.8672
Co2286	228.616 {4	In2306	Cts/S	1.434	0.0006	0.0399	1.433	1.434
Cr2677	267.716 {1	Y_3600	Cts/S	0.1674	0.0011	0.6778	0.1682	0.1666
Cu3247	324.754 {1	Y_3600	Cts/S	0.363	0.0002	0.0548	0.3631	0.3628
Fe2404	240.488 {1	In2306	Cts/S	23.38	0.2342	1.002	23.21	23.55
K_7664	766.490 { 4	Y_3710	Cts/S	1.255	0.0002	0.0127	1.255	1.255
K_7698	769.896 { 4	Y_3710	Cts/S	0.5244	0.0002	0.0389	0.5243	0.5246
Li6707	670.784 { 5	Y_3710	Cts/S	5.034	0.0019	0.0381	5.035	5.033
Mg2790	279.079 {1	Y_3710	Cts/S	0.094	0.0007	0.7637	0.0935	0.0945
Mn2576	257.610 {1	Y_3600	Cts/S	1.182	0.0085	0.7219	1.188	1.176
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.4553	0.0036	0.7989	0.4527	0.4579
Mo2020	202.030 {4	Y_2243	Cts/S	0.6593	0.0004	0.0563	0.6595	0.659
Na5895	589.592 { 5	Y_3710	Cts/S	4.219	0.0037	0.0879	4.221	4.216
Na8183	818.326 { 4	Y_3710	Cts/S	0.1784	0.0007	0.4146	0.1789	0.1779
Ni2316	231.604 {4	In2306	Cts/S	0.8416	0.0004	0.0461	0.8419	0.8413
P_1782	178.284 {4	In2306	Cts/S	0.1134	0.0002	0.2148	0.1133	0.1136
Pb2203	220.353 {4	In2306	Cts/S	0.2659	0.0002	0.0581	0.266	0.2658
Sb2068	206.833 {4	Y_2243	Cts/S	0.1045	0.0001	0.0913	0.1046	0.1045
Se1960	196.090 {4	Y_2243	Cts/S	0.0834	0.0001	0.0781	0.0833	0.0834
Si2516	251.611 {1	Y_3710	Cts/S	0.0332	0.0016	4.933	0.032	0.0343
Sn1899	189.989 {4	In2306	Cts/S	0.3808	0.0007	0.1724	0.3812	0.3803
Sr4215	421.552 { 8	Y_3710	Cts/S	3.993	0.0262	0.6556	3.975	4.012
Ti3349	334.904 {1	Y_3600	Cts/S	0.2873	0.0004	0.1522	0.2876	0.287
Tl1908	190.856 {4	In2306	Cts/S	0.1304	0.0007	0.5085	0.1309	0.13
V_2924	292.402 {1	Y_3600	Cts/S	0.2419	0.0004	0.1573	0.2421	0.2416
Zn2062	206.200 {4	In2306	Cts/S	1.847	0.0002	0.0112	1.847	1.847

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	197.82	1.9102	0.96562	199.17	196.47
In2306	230.606 {4	Cts/S	9516.6	30.258	0.31795	9538	9495.2
Y_2243	224.306 {4	Cts/S	12668	51.599	0.40732	12704	12631
Y_3600	360.073 { 9	Cts/S	107030	270.76	0.25299	106840	107220
Y_3710	371.030 { 9	Cts/S	12872	67.531	0.52463	12920	12824

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Run Time=1/12/2012 9:03:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2495	0.0021	0.8226	0.251	0.2481
Al3082	308.215 {1	In2306	ppm	2.463	0.0366	1.485	2.437	2.489
As1890	189.042 {4	Y_2243	ppm	0.5008	0.0066	1.328	0.4961	0.5055
B_2496	249.678 {1	Y_3710	ppm	0.4904	0.0027	0.5583	0.4884	0.4923
Ba4554	455.403 { 7	Y_3710	ppm	0.4797	0.001	0.2155	0.4804	0.4789
Be3130	313.042 {1	Y_3710	ppm	0.493	0.0002	0.0506	0.4932	0.4928
Ca3158	315.887 {1	In2306	ppm	12.29	0.29	2.36	12.09	12.5
Ca3181	318.128 {1	In2306	ppm	12.31	0.3852	3.128	12.04	12.59
Cd2288	228.802 {4	Y_2243	ppm	0.4969	0.0033	0.672	0.4945	0.4992
Co2286	228.616 {4	In2306	ppm	0.5012	0.0079	1.583	0.4956	0.5068
Cr2677	267.716 {1	Y_3600	ppm	0.5005	0.0042	0.8351	0.5035	0.4976
Cu3247	324.754 {1	Y_3600	ppm	0.5004	0.0056	1.118	0.5043	0.4964
Fe2404	240.488 {1	In2306	ppm	2.457	0.0368	1.495	2.432	2.483
K_7664	766.490 { 4	Y_3710	ppm	12.16	0.1266	1.042	12.25	12.07
K_7698	769.896 { 4	Y_3710	ppm	12.16	0.0587	0.4824	12.2	12.12
Li6707	670.784 { 5	Y_3710	ppm	0.4806	0.0059	1.221	0.4847	0.4764
Mg2790	279.079 {1	Y_3710	ppm	4.884	0.0687	1.407	4.835	4.932
Mn2576	257.610 {1	Y_3600	ppm	0.4957	0.004	0.7984	0.4985	0.4929
Mn2576-2	257.610 {1	Y_3710	ppm	0.4763	0.0024	0.5102	0.4746	0.478
Mo2020	202.030 {4	Y_2243	ppm	0.513	0.0103	2.015	0.5057	0.5203
Na5895	589.592 { 5	Y_3710	ppm	12.16	0.1175	0.9661	12.24	12.08
Na8183	818.326 { 4	Y_3710	ppm	11.86	0.1218	1.027	11.95	11.77
Ni2316	231.604 {4	In2306	ppm	0.4935	0.0069	1.404	0.4886	0.4984
P_1782	178.284 {4	In2306	ppm	0.0066	0.0096	146.1	-0.0002	0.0134
Pb2203	220.353 {4	In2306	ppm	0.4907	0.0063	1.288	0.4863	0.4952
S_1820	182.034 {4	Y_2243	ppm	-267.1	0.2533	0.0948	-267.3	-266.9
Sb2068	206.833 {4	Y_2243	ppm	0.5031	0.0077	1.522	0.4977	0.5085
Se1960	196.090 {4	Y_2243	ppm	0.5058	0.0073	1.434	0.5007	0.5109
Si2516	251.611 {1	Y_3710	ppm	0.8529	0.0065	0.7672	0.8483	0.8575
Sn1899	189.989 {4	In2306	ppm	0.5057	0.0075	1.476	0.5004	0.511
Sr4215	421.552 { 8	Y_3710	ppm	0.2461	0.0003	0.1237	0.2464	0.2459
Ti3349	334.904 {1	Y_3600	ppm	0.5084	0.002	0.3946	0.5098	0.507
Tl1908	190.856 {4	In2306	ppm	0.4987	0.0057	1.153	0.4946	0.5028
V_2924	292.402 {1	Y_3600	ppm	0.5034	0.0028	0.5505	0.5053	0.5014
Zn2062	206.200 {4	In2306	ppm	0.495	0.0089	1.806	0.4887	0.5013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	200.7	3.759	1.873	203.36	198.04
In2306	230.606 {4	Cts/S	9925.8	10.06	0.10135	9932.9	9918.6
Y_2243	224.306 {4	Cts/S	12762	24.081	0.18869	12779	12745
Y_3600	360.073 { 9	Cts/S	107210	528.92	0.49333	106840	107590
Y_3710	371.030 { 9	Cts/S	13065	14.911	0.11413	13075	13054

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0002	4.822	0.0047	0.005
Al3082	308.215 {1	In2306	ppm	0.1101	0.0229	20.83	0.0939	0.1263
As1890	189.042 {4	Y_2243	ppm	0.0107	0.0034	31.96	0.0083	0.0132
B_2496	249.678 {1	Y_3710	ppm	0.0097	0.0013	13.33	0.0106	0.0088
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0002	1.87	0.0098	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0002	3.737	0.005	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0876	0.0071	8.105	0.0826	0.0926
Ca3181	318.128 {1	In2306	ppm	0.035	0.0038	10.73	0.0324	0.0377
Cd2288	228.802 {4	Y_2243	ppm	0.0066	0.0022	34.26	0.005	0.0081
Co2286	228.616 {4	In2306	ppm	0.0117	0.0028	23.63	0.0097	0.0137
Cr2677	267.716 {1	Y_3600	ppm	0.0101	0.0002	1.762	0.0102	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.0095	0.0004	4.445	0.0098	0.0092
Fe2404	240.488 {1	In2306	ppm	0.0894	0.0033	3.745	0.087	0.0917
K_7664	766.490 { 4	Y_3710	ppm	0.5871	0.0233	3.975	0.6036	0.5706
K_7698	769.896 { 4	Y_3710	ppm	0.5812	0.0413	7.1	0.6104	0.552
Li6707	670.784 { 5	Y_3710	ppm	0.0091	0	0.4531	0.009	0.0091
Mg2790	279.079 {1	Y_3710	ppm	0.0776	0.0023	2.994	0.0792	0.0759
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.0153	0.01	0.01
Mn2576-2	257.610 {1	Y_3710	ppm	0.0098	0.0002	2.228	0.0099	0.0096
Mo2020	202.030 {4	Y_2243	ppm	0.014	0.0035	25.14	0.0116	0.0165
Na5895	589.592 { 5	Y_3710	ppm	0.5796	0.0102	1.752	0.5868	0.5724
Na8183	818.326 { 4	Y_3710	ppm	0.6604	0.0385	5.827	0.6876	0.6332
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0028	24.89	0.0093	0.0133
P_1782	178.284 {4	In2306	ppm	0.008	0.0007	8.755	0.0075	0.0085
Pb2203	220.353 {4	In2306	ppm	0.0111	0.0028	25.06	0.0092	0.0131
S_1820	182.034 {4	Y_2243	ppm	-0.5852	1.096	187.3	0.19	-1.36
Sb2068	206.833 {4	Y_2243	ppm	0.0229	0.0015	6.651	0.0219	0.024
Se1960	196.090 {4	Y_2243	ppm	0.012	0.0022	18.44	0.0104	0.0135
Si2516	251.611 {1	Y_3710	ppm	0.0057	0.001	17.65	0.0064	0.005
Sn1899	189.989 {4	In2306	ppm	0.0128	0.0034	26.63	0.0104	0.0153
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0.0001	2.081	0.0049	0.0047
Ti3349	334.904 {1	Y_3600	ppm	0.0108	0.0002	2.116	0.0106	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0106	0.0051	48.45	0.007	0.0143
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0002	2.558	0.0099	0.0095
Zn2062	206.200 {4	In2306	ppm	0.0114	0.0025	22.05	0.0096	0.0132

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	204.9	2.1914	1.0695	203.35	206.45
In2306	230.606 {4	Cts/S	10487	5.7382	0.05472	10491	10483
Y_2243	224.306 {4	Cts/S	12946	2.1645	0.01672	12945	12948
Y_3600	360.073 { 9	Cts/S	110980	2.9703	0.00268	110980	110980
Y_3710	371.030 { 9	Cts/S	13062	111.67	0.85487	12983	13141

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Custom ID3=
Run Time=1/12/2012 9:08:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	47.09	-0.0001	-0.0003
Al3082	308.215 {1	In2306	ppm	-0.0016	0.0128	815	-0.0106	0.0075
As1890	189.042 {4	Y_2243	ppm	-0.0004	0.0009	237.2	0.0003	-0.0011
B_2496	249.678 {1	Y_3710	ppm	0.0025	0.0074	292.6	-0.0027	0.0078
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0001	29.35	0.0002	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	223.2	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.0037	0.0003	9.088	0.0034	0.0039
Ca3181	318.128 {1	In2306	ppm	-0.0324	0.0032	9.983	-0.0301	-0.0346
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	702.6	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	13.2	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	55.9	0.0002	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0002	47.96	-0.0006	-0.0003
Fe2404	240.488 {1	In2306	ppm	-0.0013	0.0108	838.3	0.0063	-0.0089
K_7664	766.490 { 4	Y_3710	ppm	-0.0037	0.012	326.8	0.0048	-0.0121
K_7698	769.896 { 4	Y_3710	ppm	-0.0435	0.0446	102.5	-0.075	-0.012
Li6707	670.784 { 5	Y_3710	ppm	-0.0008	0.0002	30.65	-0.001	-0.0006
Mg2790	279.079 {1	Y_3710	ppm	-0.0012	0.0076	631	0.0042	-0.0066
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	56.28	-0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0	0.0004	1513	-0.0003	0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0002	49.59	0.0003	0.0005
Na5895	589.592 { 5	Y_3710	ppm	-0.0034	0.0025	74.32	-0.0051	-0.0016
Na8183	818.326 { 4	Y_3710	ppm	0.346	0.2432	70.29	0.518	0.174
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	100.4	0	0.0001
P_1782	178.284 {4	In2306	ppm	-0.0001	0.0006	696.2	0.0003	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0004	44.28	0.0006	0.0011
S_1820	182.034 {4	Y_2243	ppm	0.0064	0.3106	4845	-0.2132	0.2261
Sb2068	206.833 {4	Y_2243	ppm	0.0042	0.0009	22.15	0.0036	0.0049
Se1960	196.090 {4	Y_2243	ppm	0.0017	0.0002	13.46	0.0016	0.0019
Si2516	251.611 {1	Y_3710	ppm	-0.0034	0.0066	195.3	0.0013	-0.008
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0002	106	0.0001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0	0	232.1	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0.0003	140.8	0	-0.0004
Tl1908	190.856 {4	In2306	ppm	-0.0015	0.0001	9.378	-0.0014	-0.0016
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0002	151.2	0	0.0002

Zn2062	206.200 {4	In2306	ppm	0.0001	0	33.47	0	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	204.13	1.345	0.65891	205.08	203.18
In2306	230.606 {4	Cts/S	10615	44.802	0.42208	10583	10646
Y_2243	224.306 {4	Cts/S	12947	31.066	0.23995	12925	12969
Y_3600	360.073 { 9	Cts/S	115640	7705.9	6.6638	121090	110190
Y_3710	371.030 { 9	Cts/S	13191	144.89	1.0985	13293	13088

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Custom ID3=
Run Time=1/12/2012 9:11:39
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0008	1425	0.0006	-0.0005
Al3082	308.215 {1	In2306	ppm	528.2	7.432	1.407	522.9	533.4
As1890	189.042 {4	Y_2243	ppm	0.0029	0.0026	88.88	0.0011	0.0048
B_2496	249.678 {1	Y_3710	ppm	0.0037	0.0034	91.03	0.0061	0.0013
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0	3.743	0.0006	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	812.7	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	505.6	8.539	1.689	499.6	511.7
Ca3181	318.128 {1	In2306	ppm	516.6	9.176	1.776	510.1	523.1
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	62.79	-0.0003	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	21.59	0.0003	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0027	0.0005	19.7	0.003	0.0023
Cu3247	324.754 {1	Y_3600	ppm	0.003	0	1.537	0.0029	0.003
Fe2404	240.488 {1	In2306	ppm	198.7	3.454	1.738	196.3	201.2
K_7664	766.490 { 4	Y_3710	ppm	0.0175	0.0058	33.26	0.0134	0.0216
K_7698	769.896 { 4	Y_3710	ppm	-0.139	0.0227	16.33	-0.123	-0.1551
Li6707	670.784 { 5	Y_3710	ppm	0.0088	0.0001	1.691	0.0089	0.0087
Mg2790	279.079 {1	Y_3710	ppm	595.2	0.6382	0.1072	595.6	594.7
Mn2576	257.610 {1	Y_3600	ppm	-0.0055	0	0.2516	-0.0055	-0.0055
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0061	0.0003	5.6	-0.0064	-0.0059
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	15.25	0.0004	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0172	0.0036	21.16	0.0198	0.0147
Na8183	818.326 { 4	Y_3710	ppm	0.5246	0.004	0.756	0.5218	0.5274
Ni2316	231.604 {4	In2306	ppm	0.0046	0.0004	8.721	0.0049	0.0043
P_1782	178.284 {4	In2306	ppm	0.0017	0.001	61.96	0.0024	0.001
Pb2203	220.353 {4	In2306	ppm	-0.0191	0.0011	5.658	-0.0183	-0.0198
S_1820	182.034 {4	Y_2243	ppm	40.42	1.008	2.494	39.71	41.14
Sb2068	206.833 {4	Y_2243	ppm	-0.0054	0.0012	22.75	-0.0062	-0.0045
Se1960	196.090 {4	Y_2243	ppm	0.0038	0.0007	17.36	0.0033	0.0043
Si2516	251.611 {1	Y_3710	ppm	0.0027	0.0023	84.91	0.0043	0.0011
Sn1899	189.989 {4	In2306	ppm	0.0025	0.0002	6.947	0.0026	0.0024
Sr4215	421.552 { 8	Y_3710	ppm	0.0023	0.0001	4.045	0.0022	0.0024
Ti3349	334.904 {1	Y_3600	ppm	0.0018	0.0001	6.808	0.0017	0.0019
Tl1908	190.856 {4	In2306	ppm	-0.0026	0.0042	162.9	0.0004	-0.0055

V_2924	292.402 {1	Y_3600	ppm	-0.0025	0.0003	10.02	-0.0023	-0.0027
Zn2062	206.200 {4	In2306	ppm	0.0045	0.0002	4.104	0.0044	0.0046

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	185.56	3.1085	1.6752	187.76	183.36
In2306	230.606 {4	Cts/S	7725.2	45.369	0.58729	7757.3	7693.1
Y_2243	224.306 {4	Cts/S	11292	85.943	0.76108	11353	11231
Y_3600	360.073 { 9	Cts/S	92296	48.042	0.05205	92330	92262
Y_3710	371.030 { 9	Cts/S	11298	24.382	0.21582	11280	11315

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Run Time=1/12/2012 9:14:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5621	0.0041	0.7224	0.5592	0.5649
Al3082	308.215 {1	In2306	ppm	531.8	2.023	0.3804	530.4	533.2
As1890	189.042 {4	Y_2243	ppm	1.022	0.0004	0.0419	1.023	1.022
B_2496	249.678 {1	Y_3710	ppm	1.113	0.0016	0.1446	1.112	1.115
Ba4554	455.403 { 7	Y_3710	ppm	1.115	0.0018	0.1579	1.114	1.117
Be3130	313.042 {1	Y_3710	ppm	0.5364	0.0016	0.2987	0.5375	0.5353
Ca3158	315.887 {1	In2306	ppm	508.5	1.499	0.2949	507.4	509.6
Ca3181	318.128 {1	In2306	ppm	519.5	1.538	0.2961	518.4	520.5
Cd2288	228.802 {4	Y_2243	ppm	0.5326	0.0002	0.0324	0.5325	0.5327
Co2286	228.616 {4	In2306	ppm	1.013	0.0029	0.2877	1.015	1.01
Cr2677	267.716 {1	Y_3600	ppm	0.9613	0.0047	0.4889	0.958	0.9646
Cu3247	324.754 {1	Y_3600	ppm	1.08	0.01	0.9213	1.073	1.088
Fe2404	240.488 {1	In2306	ppm	205.1	0.9248	0.4509	204.5	205.8
K_7664	766.490 { 4	Y_3710	ppm	11.1	0.0527	0.4751	11.06	11.13
K_7698	769.896 { 4	Y_3710	ppm	11.43	0.0896	0.7841	11.5	11.37
Li6707	670.784 { 5	Y_3710	ppm	1.083	0.0039	0.3585	1.08	1.086
Mg2790	279.079 {1	Y_3710	ppm	609	0.7664	0.1258	609.5	608.4
Mn2576	257.610 {1	Y_3600	ppm	0.9436	0.0057	0.602	0.9396	0.9476
Mn2576-2	257.610 {1	Y_3710	ppm	1.044	0.0016	0.1532	1.045	1.043
Mo2020	202.030 {4	Y_2243	ppm	0.9344	0.0022	0.2387	0.936	0.9328
Na5895	589.592 { 5	Y_3710	ppm	10.99	0.0152	0.1381	10.98	11
Na8183	818.326 { 4	Y_3710	ppm	11.9	0.0697	0.5861	11.85	11.95
Ni2316	231.604 {4	In2306	ppm	0.9833	0.0022	0.2228	0.9848	0.9817
P_1782	178.284 {4	In2306	ppm	1.136	0.0086	0.7586	1.142	1.13
Pb2203	220.353 {4	In2306	ppm	0.953	0.0044	0.4588	0.9561	0.9499
S_1820	182.034 {4	Y_2243	ppm	42.07	0.0757	0.1799	42.12	42.02
Sb2068	206.833 {4	Y_2243	ppm	0.9889	0.0106	1.072	0.9964	0.9814
Se1960	196.090 {4	Y_2243	ppm	1.012	0.0009	0.0881	1.013	1.011
Si2516	251.611 {1	Y_3710	ppm	0.96	0.0027	0.2817	0.9581	0.9619
Sn1899	189.989 {4	In2306	ppm	0.9834	0.0049	0.4957	0.9868	0.98
Sr4215	421.552 { 8	Y_3710	ppm	0.5444	0.0004	0.073	0.5442	0.5447
Ti3349	334.904 {1	Y_3600	ppm	0.98	0.0033	0.3346	0.9777	0.9823

Tl1908	190.856 {4	In2306	ppm	0.9241	0.0041	0.4391	0.9269	0.9212
V_2924	292.402 {1	Y_3600	ppm	0.9589	0.0045	0.4705	0.9557	0.9621
Zn2062	206.200 {4	In2306	ppm	1.02	0.0049	0.4796	1.023	1.016

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	186.07	0.54571	0.29328	186.46	185.69
In2306	230.606 {4	Cts/S	7590.3	26.42	0.34808	7609	7571.6
Y_2243	224.306 {4	Cts/S	11161	53.861	0.48259	11199	11123
Y_3600	360.073 { 9	Cts/S	91697	284.83	0.31062	91898	91496
Y_3710	371.030 { 9	Cts/S	11177	25.153	0.22504	11160	11195

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2459	0.0026	1.072	0.2477	0.244
Al3082	308.215 {1	In2306	ppm	2.439	0.0189	0.7746	2.452	2.425
As1890	189.042 {4	Y_2243	ppm	0.4958	0.0015	0.3021	0.4947	0.4969
B_2496	249.678 {1	Y_3710	ppm	0.4967	0.0023	0.4532	0.4982	0.4951
Ba4554	455.403 { 7	Y_3710	ppm	0.4798	0.0002	0.051	0.4796	0.4799
Be3130	313.042 {1	Y_3710	ppm	0.4949	0.0002	0.0334	0.4948	0.495
Ca3158	315.887 {1	In2306	ppm	11.88	0.0032	0.0272	11.89	11.88
Ca3181	318.128 {1	In2306	ppm	12.05	0.0465	0.3863	12.02	12.08
Cd2288	228.802 {4	Y_2243	ppm	0.5081	0.0009	0.1786	0.5075	0.5088
Co2286	228.616 {4	In2306	ppm	0.5023	0.0024	0.4877	0.5006	0.504
Cr2677	267.716 {1	Y_3600	ppm	0.5047	0.0011	0.2195	0.5055	0.5039
Cu3247	324.754 {1	Y_3600	ppm	0.4933	0.0043	0.8663	0.4963	0.4902
Fe2404	240.488 {1	In2306	ppm	2.413	0.0272	1.129	2.432	2.393
K_7664	766.490 { 4	Y_3710	ppm	12.1	0.065	0.5371	12.05	12.14
K_7698	769.896 { 4	Y_3710	ppm	12.35	0.0689	0.5578	12.3	12.4
Li6707	670.784 { 5	Y_3710	ppm	0.4809	0.0015	0.3048	0.4798	0.4819
Mg2790	279.079 {1	Y_3710	ppm	4.995	0.0135	0.2708	5.004	4.985
Mn2576	257.610 {1	Y_3600	ppm	0.4916	0.0044	0.892	0.4947	0.4885
Mn2576-2	257.610 {1	Y_3710	ppm	0.4734	0.0008	0.1651	0.4739	0.4728
Mo2020	202.030 {4	Y_2243	ppm	0.5084	0.0008	0.1644	0.5078	0.509
Na5895	589.592 { 5	Y_3710	ppm	12.26	0.0453	0.3697	12.23	12.29
Na8183	818.326 { 4	Y_3710	ppm	12.3	0.0458	0.3728	12.26	12.33
Ni2316	231.604 {4	In2306	ppm	0.4875	0.0032	0.6554	0.4852	0.4898
P_1782	178.284 {4	In2306	ppm	0.0009	0.0012	140	0	0.0018
Pb2203	220.353 {4	In2306	ppm	0.4904	0.0054	1.111	0.4865	0.4942
S_1820	182.034 {4	Y_2243	ppm	-268.5	1.142	0.4253	-267.7	-269.3
Sb2068	206.833 {4	Y_2243	ppm	0.5141	0.0011	0.2097	0.5149	0.5134
Se1960	196.090 {4	Y_2243	ppm	0.5047	0.0006	0.1276	0.5043	0.5052
Si2516	251.611 {1	Y_3710	ppm	0.836	0.0136	1.627	0.8264	0.8456
Sn1899	189.989 {4	In2306	ppm	0.4932	0.003	0.6064	0.4911	0.4953
Sr4215	421.552 { 8	Y_3710	ppm	0.2442	0.0002	0.066	0.2441	0.2443

Ti3349	334.904 {1	Y_3600	ppm	0.5023	0.0009	0.1827	0.503	0.5017
Tl1908	190.856 {4	In2306	ppm	0.4934	0.0009	0.1925	0.4941	0.4927
V_2924	292.402 {1	Y_3600	ppm	0.4998	0.0005	0.1092	0.4994	0.5002
Zn2062	206.200 {4	In2306	ppm	0.497	0.002	0.3963	0.4956	0.4984

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	202.56	0.9227	0.45552	203.21	201.91
In2306	230.606 {4	Cts/S	9931.3	30.943	0.31157	9953.1	9909.4
Y_2243	224.306 {4	Cts/S	12661	14.974	0.11827	12672	12650
Y_3600	360.073 { 9	Cts/S	106980	407.54	0.38095	106690	107270
Y_3710	371.030 { 9	Cts/S	12880	37.369	0.29014	12906	12853

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0003	5.566	0.0049	0.0046
Al3082	308.215 {1	In2306	ppm	0.0907	0.0025	2.758	0.0889	0.0924
As1890	189.042 {4	Y_2243	ppm	0.0092	0.001	10.41	0.0085	0.0099
B_2496	249.678 {1	Y_3710	ppm	0.0144	0.0019	13.18	0.0157	0.013
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0001	1.449	0.0098	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.9994	0.0048	0.0049
Ca3158	315.887 {1	In2306	ppm	0.092	0.0075	8.155	0.0867	0.0973
Ca3181	318.128 {1	In2306	ppm	0.096	0.0004	0.3983	0.0957	0.0963
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0006	11.79	0.0049	0.0058
Co2286	228.616 {4	In2306	ppm	0.0101	0.0006	6.25	0.0097	0.0106
Cr2677	267.716 {1	Y_3600	ppm	0.0104	0.0002	2.006	0.0106	0.0103
Cu3247	324.754 {1	Y_3600	ppm	0.0099	0.0002	2.445	0.0097	0.0101
Fe2404	240.488 {1	In2306	ppm	0.085	0.0036	4.215	0.0876	0.0825
K_7664	766.490 { 4	Y_3710	ppm	0.5779	0.0146	2.532	0.5883	0.5676
K_7698	769.896 { 4	Y_3710	ppm	0.533	0.0332	6.225	0.5564	0.5095
Li6707	670.784 { 5	Y_3710	ppm	0.0084	0	0.3739	0.0084	0.0084
Mg2790	279.079 {1	Y_3710	ppm	0.1103	0.0028	2.518	0.1122	0.1083
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	1.15	0.01	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0096	0.001	10.1	0.0089	0.0103
Mo2020	202.030 {4	Y_2243	ppm	0.0116	0.001	8.433	0.0109	0.0123
Na5895	589.592 { 5	Y_3710	ppm	0.5774	0.0015	0.2651	0.5763	0.5785
Na8183	818.326 { 4	Y_3710	ppm	0.6351	0.1264	19.91	0.7246	0.5457
Ni2316	231.604 {4	In2306	ppm	0.0098	0.0006	6.412	0.0094	0.0103
P_1782	178.284 {4	In2306	ppm	0.0082	0.0001	1.514	0.0083	0.0081
Pb2203	220.353 {4	In2306	ppm	0.0106	0.0002	2.286	0.0108	0.0105
S_1820	182.034 {4	Y_2243	ppm	0.1666	0.227	136.3	0.3271	0.0061
Sb2068	206.833 {4	Y_2243	ppm	0.0218	0.0015	6.67	0.0208	0.0229
Se1960	196.090 {4	Y_2243	ppm	0.0108	0.001	9.456	0.0101	0.0115
Si2516	251.611 {1	Y_3710	ppm	0.0046	0.0101	217.6	0.0117	-0.0025
Sn1899	189.989 {4	In2306	ppm	0.0107	0.0005	4.833	0.0104	0.0111

Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0	0.3792	0.0048	0.0047
Ti3349	334.904 {1	Y_3600	ppm	0.0099	0.0001	0.6207	0.01	0.0099
Tl1908	190.856 {4	In2306	ppm	0.0094	0.0006	6.013	0.009	0.0098
V_2924	292.402 {1	Y_3600	ppm	0.0099	0.0002	2.172	0.0098	0.0101
Zn2062	206.200 {4	In2306	ppm	0.0099	0.0006	6.126	0.0095	0.0104

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	200.9	1.5497	0.77136	202	199.81
In2306	230.606 {4	Cts/S	10526	10.067	0.09563	10519	10534
Y_2243	224.306 {4	Cts/S	12883	16.749	0.13001	12871	12895
Y_3600	360.073 { 9	Cts/S	109770	86.686	0.07897	109710	109830
Y_3710	371.030 { 9	Cts/S	13113	32.942	0.25123	13089	13136

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Custom ID2=
Custom ID3=
Run Time=1/12/2012 9:21:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	145	0	-0.0005
Al3082	308.215 {1	In2306	ppm	-0.0042	0.0016	38.57	-0.003	-0.0053
As1890	189.042 {4	Y_2243	ppm	-0.0005	0.0001	15.15	-0.0006	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.0023	0.0031	136.1	0.0001	0.0045
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0	14.28	0.0002	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	1336	0	0
Ca3158	315.887 {1	In2306	ppm	-0.0002	0.0087	5772	-0.0063	0.006
Ca3181	318.128 {1	In2306	ppm	-0.0159	0.0845	530.8	-0.0757	0.0438
Cd2288	228.802 {4	Y_2243	ppm	0	0	587.7	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0002	162.4	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	46	0.0003	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0001	44.61	-0.0004	-0.0002
Fe2404	240.488 {1	In2306	ppm	-0.0013	0.0026	201.1	0.0006	-0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.0306	0.0184	59.92	0.0177	0.0436
K_7698	769.896 { 4	Y_3710	ppm	-0.0428	0.0108	25.31	-0.0351	-0.0504
Li6707	670.784 { 5	Y_3710	ppm	-0.0007	0.0001	12.58	-0.0007	-0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.0266	0.0035	13.31	0.0291	0.0241
Mn2576	257.610 {1	Y_3600	ppm	0	0	90.4	-0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0002	221.1	0.0002	-0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	17.41	0.0003	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0016	0.0002	10.37	0.0018	0.0015
Na8183	818.326 { 4	Y_3710	ppm	0.1055	0.0094	8.901	0.0989	0.1122
Ni2316	231.604 {4	In2306	ppm	-0.0001	0	37.05	-0.0001	-0.0001
P_1782	178.284 {4	In2306	ppm	0.0005	0.0001	25.5	0.0006	0.0004
Pb2203	220.353 {4	In2306	ppm	0	0.0001	3114	-0.0001	0.0001
S_1820	182.034 {4	Y_2243	ppm	0.7769	0.618	79.55	0.3399	1.214
Sb2068	206.833 {4	Y_2243	ppm	0.0034	0.0005	14.95	0.003	0.0037
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0018	256.3	-0.0006	0.0019
Si2516	251.611 {1	Y_3710	ppm	0.0064	0.0041	64.79	0.0034	0.0093

Sn1899	189.989 {4	In2306	ppm	0.0001	0.0003	250.9	-0.0001	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	41.67	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0001	16.06	-0.0006	-0.0007
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0002	107.3	-0.0003	0
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0001	191	0.0001	0
Zn2062	206.200 {4	In2306	ppm	0	0	67.89	0	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	201.01	1.5365	0.76439	199.93	202.1
In2306	230.606 {4	Cts/S	10573	17.636	0.16681	10560	10585
Y_2243	224.306 {4	Cts/S	12854	44.337	0.34493	12822	12885
Y_3600	360.073 { 9	Cts/S	108460	184.96	0.17053	108330	108600
Y_3710	371.030 { 9	Cts/S	13006	2.5667	0.01974	13008	13004

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Mode=CONC
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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0006	459.8	0.0005	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0035	0.0191	543	0.017	-0.01
As1890	189.042 {4	Y_2243	ppm	0.0016	0.001	61.03	0.0009	0.0023
B_2496	249.678 {1	Y_3710	ppm	0.0758	0.0061	8.01	0.0801	0.0715
Ba4554	455.403 { 7	Y_3710	ppm	0.0025	0	0.6392	0.0025	0.0025
Be3130	313.042 {1	Y_3710	ppm	0	0	205.1	0	0
Ca3158	315.887 {1	In2306	ppm	9.126	0.098	1.074	9.196	9.057
Ca3181	318.128 {1	In2306	ppm	9.227	0.1233	1.336	9.315	9.14
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	42.35	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	54.69	-0.0001	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	23.98	0.0002	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0004	0.0003	67.79	0.0006	0.0002
Fe2404	240.488 {1	In2306	ppm	0.0024	0.0028	114.2	0.0005	0.0044
K_7664	766.490 { 4	Y_3710	ppm	2.582	0.0089	0.346	2.576	2.589
K_7698	769.896 { 4	Y_3710	ppm	2.7	0.0324	1.2	2.723	2.677
Li6707	670.784 { 5	Y_3710	ppm	0.0142	0.0002	1.06	0.0141	0.0143
Mg2790	279.079 {1	Y_3710	ppm	16.08	0.0445	0.277	16.11	16.05
Mn2576	257.610 {1	Y_3600	ppm	-0.0002	0	22.47	-0.0002	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0008	1317	0.0006	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0002	31.9	0.0005	0.0009
Na5895	589.592 { 5	Y_3710	ppm	20.53	0.1848	0.9002	20.4	20.66
Na8183	818.326 { 4	Y_3710	ppm	20.76	0.0194	0.0934	20.78	20.75
Ni2316	231.604 {4	In2306	ppm	-0.0003	0.0002	67.1	-0.0001	-0.0004
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0001	28.12	-0.0002	-0.0003
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0005	84.59	0.0009	0.0002
S_1820	182.034 {4	Y_2243	ppm	-3939	0.8381	0.0213	-3940	-3938
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0006	24.36	0.0019	0.0027
Se1960	196.090 {4	Y_2243	ppm	0.0057	0.0001	1.327	0.0056	0.0057

Si2516	251.611 {1	Y_3710	ppm	0.817	0.0673	8.232	0.7695	0.8646
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	180.9	-0.0002	0
Sr4215	421.552 { 8	Y_3710	ppm	0.7197	0.0028	0.3959	0.7177	0.7217
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0001	23.33	-0.0005	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0008	0.001	120.8	0.0001	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0076	0.0001	1.347	0.0077	0.0075
Zn2062	206.200 {4	In2306	ppm	0.0029	0	0.4845	0.0029	0.0029

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	197.27	1.6686	0.84585	196.09	198.45
In2306	230.606 {4	Cts/S	10023	17.266	0.17226	10035	10011
Y_2243	224.306 {4	Cts/S	12580	17.776	0.1413	12593	12568
Y_3600	360.073 { 9	Cts/S	104250	101.37	0.09723	104320	104180
Y_3710	371.030 { 9	Cts/S	13032	9.527	0.0731	13026	13039

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	85.64	-0.0005	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0026	0.0021	78.8	0.0041	0.0012
As1890	189.042 {4	Y_2243	ppm	-0.0005	0.0005	104.1	-0.0001	-0.0008
B_2496	249.678 {1	Y_3710	ppm	0.0037	0.0028	74.92	0.0057	0.0018
Ba4554	455.403 { 7	Y_3710	ppm	0.0004	0.0002	57.7	0.0006	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	47.38	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0102	0.0041	39.87	0.0131	0.0073
Ca3181	318.128 {1	In2306	ppm	-0.0346	0.03	86.81	-0.0134	-0.0559
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	75.17	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	489.9	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0003	156.5	0	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0001	0.0001	41.45	0.0001	0.0002
Fe2404	240.488 {1	In2306	ppm	0.0189	0.004	21.26	0.0161	0.0217
K_7664	766.490 { 4	Y_3710	ppm	0.0065	0.0161	247.1	0.0179	-0.0049
K_7698	769.896 { 4	Y_3710	ppm	-0.1767	0.0321	18.15	-0.154	-0.1993
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0.0003	218.7	0.0001	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0011	0.0154	1419	0.012	-0.0098
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	40.42	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0006	0.0002	27.95	0.0007	0.0005
Mo2020	202.030 {4	Y_2243	ppm	0	0	11.25	0	0
Na5895	589.592 { 5	Y_3710	ppm	0.0043	0.0009	21.69	0.0036	0.0049
Na8183	818.326 { 4	Y_3710	ppm	0.0554	0.0075	13.54	0.0607	0.0501
Ni2316	231.604 {4	In2306	ppm	-0.0005	0	8.983	-0.0005	-0.0006
P_1782	178.284 {4	In2306	ppm	-0.0016	0.0006	39.2	-0.0011	-0.002
Pb2203	220.353 {4	In2306	ppm	-0.0004	0.0004	107.8	-0.0001	-0.0006
S_1820	182.034 {4	Y_2243	ppm	-44.21	56.65	128.1	-4.156	-84.27
Sb2068	206.833 {4	Y_2243	ppm	0.0005	0.0008	156.6	-0.0001	0.0011

Se1960	196.090 {4	Y_2243	ppm	0.0002	0.0015	827.7	-0.0009	0.0012
Si2516	251.611 {1	Y_3710	ppm	0.0039	0.0013	32.45	0.0048	0.003
Sn1899	189.989 {4	In2306	ppm	0.0001	0	43.77	0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	33.55	0.0001	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0	0.0001	357	-0.0001	0
Tl1908	190.856 {4	In2306	ppm	-0.0015	0.0002	12.87	-0.0016	-0.0014
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	446.4	0.0002	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0021	0.0001	3.617	0.0021	0.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	198.67	3.0201	1.5202	196.54	200.81
In2306	230.606 {4	Cts/S	10662	10.467	0.09818	10669	10655
Y_2243	224.306 {4	Cts/S	12936	25.742	0.19899	12918	12955
Y_3600	360.073 { 9	Cts/S	109330	298.56	0.27308	109540	109120
Y_3710	371.030 { 9	Cts/S	12993	113.45	0.87317	12912	13073

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.498	0.0043	0.8541	0.495	0.501
Al3082	308.215 {1	In2306	ppm	9.596	0.0393	0.4095	9.568	9.623
As1890	189.042 {4	Y_2243	ppm	0.9849	0.0017	0.1768	0.9837	0.9861
B_2496	249.678 {1	Y_3710	ppm	0.9716	0.0008	0.0829	0.9721	0.971
Ba4554	455.403 { 7	Y_3710	ppm	0.9522	0.0012	0.1282	0.9531	0.9514
Be3130	313.042 {1	Y_3710	ppm	0.4895	0.0038	0.7748	0.4922	0.4868
Ca3158	315.887 {1	In2306	ppm	9.484	0.0687	0.7241	9.436	9.533
Ca3181	318.128 {1	In2306	ppm	9.669	0.0535	0.5536	9.707	9.631
Cd2288	228.802 {4	Y_2243	ppm	0.5072	0	0.0073	0.5072	0.5072
Co2286	228.616 {4	In2306	ppm	0.9906	0.0017	0.1684	0.9894	0.9918
Cr2677	267.716 {1	Y_3600	ppm	1.013	0.0035	0.3492	1.01	1.015
Cu3247	324.754 {1	Y_3600	ppm	0.9924	0.0091	0.9123	0.986	0.9988
Fe2404	240.488 {1	In2306	ppm	9.585	0.0189	0.1974	9.571	9.598
K_7664	766.490 { 4	Y_3710	ppm	9.477	0.0984	1.039	9.547	9.407
K_7698	769.896 { 4	Y_3710	ppm	9.84	0.0259	0.263	9.858	9.822
Li6707	670.784 { 5	Y_3710	ppm	0.4779	0.0031	0.6427	0.4801	0.4757
Mg2790	279.079 {1	Y_3710	ppm	9.826	0.0673	0.6847	9.874	9.778
Mn2576	257.610 {1	Y_3600	ppm	0.982	0.0085	0.8615	0.976	0.988
Mn2576-2	257.610 {1	Y_3710	ppm	0.9163	0.0046	0.5042	0.9196	0.9131
Mo2020	202.030 {4	Y_2243	ppm	0.9813	0.0033	0.3373	0.9836	0.979
Na5895	589.592 { 5	Y_3710	ppm	9.816	0.0922	0.9389	9.882	9.751
Na8183	818.326 { 4	Y_3710	ppm	9.676	0.0821	0.8483	9.618	9.734
Ni2316	231.604 {4	In2306	ppm	0.9416	0.0017	0.1787	0.9404	0.9427
P_1782	178.284 {4	In2306	ppm	-0.0012	0.0005	44.59	-0.0015	-0.0008
Pb2203	220.353 {4	In2306	ppm	0.9571	0.0012	0.1284	0.9562	0.958
S_1820	182.034 {4	Y_2243	ppm	0.5618	0.1358	24.17	0.4658	0.6579

Sb2068	206.833 {4	Y_2243	ppm	0.9525	0.0028	0.293	0.9545	0.9505
Se1960	196.090 {4	Y_2243	ppm	0.9779	0.0006	0.0619	0.9775	0.9784
Si2516	251.611 {1	Y_3710	ppm	0.8186	0.0043	0.524	0.8155	0.8216
Sn1899	189.989 {4	In2306	ppm	0.9463	0.0003	0.0323	0.9465	0.9461
Sr4215	421.552 { 8	Y_3710	ppm	0.4682	0.0007	0.1431	0.4687	0.4677
Ti3349	334.904 {1	Y_3600	ppm	0.9787	0.0006	0.0588	0.9791	0.9783
Tl1908	190.856 {4	In2306	ppm	0.9455	0.0015	0.1632	0.9466	0.9444
V_2924	292.402 {1	Y_3600	ppm	0.9835	0.0024	0.2442	0.9818	0.9852
Zn2062	206.200 {4	In2306	ppm	0.9752	0.0025	0.2607	0.9734	0.977

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	196.29	0.63162	0.32178	196.73	195.84
In2306	230.606 {4	Cts/S	10024	3.7494	0.0374	10027	10022
Y_2243	224.306 {4	Cts/S	12668	1.0204	0.00806	12667	12668
Y_3600	360.073 { 9	Cts/S	104860	579.58	0.55273	105270	104450
Y_3710	371.030 { 9	Cts/S	12792	78.426	0.61311	12736	12847

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	69.13	-0.0001	-0.0003
Al3082	308.215 {1	In2306	ppm	0.1446	0.0098	6.771	0.1516	0.1377
As1890	189.042 {4	Y_2243	ppm	0.006	0.0022	37.16	0.0044	0.0076
B_2496	249.678 {1	Y_3710	ppm	0.1719	0.0001	0.0798	0.1719	0.172
Ba4554	455.403 { 7	Y_3710	ppm	0.0972	0.0001	0.1108	0.0973	0.0971
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	759.9	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	65.01	0.4697	0.7224	65.35	64.68
Ca3181	318.128 {1	In2306	ppm	66.87	0.4596	0.6873	67.2	66.55
Cd2288	228.802 {4	Y_2243	ppm	0.0013	0.0017	133.8	0.0001	0.0025
Co2286	228.616 {4	In2306	ppm	0.0034	0.0036	105.6	0.0009	0.0059
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0002	14.76	0.0018	0.0014
Cu3247	324.754 {1	Y_3600	ppm	0.0039	0.0002	5.118	0.0041	0.0038
Fe2404	240.488 {1	In2306	ppm	0.3601	0.0101	2.797	0.353	0.3672
K_7664	766.490 { 4	Y_3710	ppm	9.923	0.0788	0.7937	9.979	9.867
K_7698	769.896 { 4	Y_3710	ppm	10.55	0.0056	0.0526	10.56	10.55
Li6707	670.784 { 5	Y_3710	ppm	0.0109	0.0005	4.549	0.0105	0.0112
Mg2790	279.079 {1	Y_3710	ppm	8.248	0.0772	0.9357	8.303	8.193
Mn2576	257.610 {1	Y_3600	ppm	0.0574	0.0005	0.8825	0.057	0.0578
Mn2576-2	257.610 {1	Y_3710	ppm	0.0517	0.001	1.94	0.0524	0.051
Mo2020	202.030 {4	Y_2243	ppm	0.0181	0.0046	25.32	0.0148	0.0213
Na5895	589.592 { 5	Y_3710	ppm	136.9	0.478	0.3491	136.6	137.3
Na8183	818.326 { 4	Y_3710	ppm	146.4	0.4868	0.3325	146.7	146.1
Ni2316	231.604 {4	In2306	ppm	0.0053	0.0034	64.72	0.0029	0.0077
P_1782	178.284 {4	In2306	ppm	0.6174	0.0008	0.1357	0.6168	0.618
Pb2203	220.353 {4	In2306	ppm	0.0027	0.0026	96.44	0.0008	0.0045

S_1820	182.034 {4	Y_2243	ppm	-19060	5.121	0.0269	-19060	-19050
Sb2068	206.833 {4	Y_2243	ppm	0.0177	0.0039	22.04	0.015	0.0205
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0029	84.37	0.0014	0.0054
Si2516	251.611 {1	Y_3710	ppm	4.365	0.0488	1.118	4.399	4.33
Sn1899	189.989 {4	In2306	ppm	0.0052	0.004	76.98	0.0024	0.0081
Sr4215	421.552 { 8	Y_3710	ppm	0.4891	0.0028	0.5638	0.491	0.4871
Ti3349	334.904 {1	Y_3600	ppm	0.0032	0.0004	12.87	0.0029	0.0035
Tl1908	190.856 {4	In2306	ppm	0.0035	0.0044	123.9	0.0004	0.0066
V_2924	292.402 {1	Y_3600	ppm	0.0021	0.0002	10.39	0.0019	0.0022
Zn2062	206.200 {4	In2306	ppm	0.0475	0.0037	7.764	0.0449	0.0501

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	193.19	0.91391	0.47305	192.55	193.84
In2306	230.606 {4	Cts/S	9183.3	10.029	0.1092	9190.3	9176.2
Y_2243	224.306 {4	Cts/S	11937	0.39245	0.00329	11937	11937
Y_3600	360.073 { 9	Cts/S	98036	653.87	0.66697	98499	97574
Y_3710	371.030 { 9	Cts/S	12876	65.093	0.50554	12830	12922

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Custom ID3=
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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0005	428.8	-0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	0.1775	0.0327	18.41	0.1544	0.2006
As1890	189.042 {4	Y_2243	ppm	0.0045	0.0011	23.74	0.0053	0.0038
B_2496	249.678 {1	Y_3710	ppm	0.176	0.0064	3.662	0.1805	0.1714
Ba4554	455.403 { 7	Y_3710	ppm	0.098	0.0023	2.382	0.0996	0.0963
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	3591	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	65.1	1.608	2.47	66.23	63.96
Ca3181	318.128 {1	In2306	ppm	67.12	1.505	2.242	68.19	66.06
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	128.6	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0007	0.0003	43.53	0.0005	0.0009
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0001	6.857	0.0019	0.002
Cu3247	324.754 {1	Y_3600	ppm	0.0043	0	0.3842	0.0043	0.0043
Fe2404	240.488 {1	In2306	ppm	0.3763	0.0034	0.904	0.3787	0.3738
K_7664	766.490 { 4	Y_3710	ppm	10.04	0.2325	2.316	10.2	9.873
K_7698	769.896 { 4	Y_3710	ppm	10.75	0.2495	2.321	10.93	10.57
Li6707	670.784 { 5	Y_3710	ppm	0.0113	0.0006	5.574	0.0117	0.0108
Mg2790	279.079 {1	Y_3710	ppm	8.244	0.1875	2.275	8.376	8.111
Mn2576	257.610 {1	Y_3600	ppm	0.0586	0.0005	0.8367	0.0583	0.059
Mn2576-2	257.610 {1	Y_3710	ppm	0.0516	0.0002	0.4265	0.0514	0.0517
Mo2020	202.030 {4	Y_2243	ppm	0.014	0.0003	2.34	0.0138	0.0143
Na5895	589.592 { 5	Y_3710	ppm	138.5	3.005	2.17	140.6	136.4
Na8183	818.326 { 4	Y_3710	ppm	147.2	3.312	2.25	149.6	144.9
Ni2316	231.604 {4	In2306	ppm	0.0031	0.0004	11.93	0.0029	0.0034
P_1782	178.284 {4	In2306	ppm	0.633	0.0041	0.6507	0.6359	0.63

Pb2203	220.353 {4	In2306	ppm	0.0005	0.0004	76.39	0.0002	0.0008
S_1820	182.034 {4	Y_2243	ppm	-19270	124.8	0.6476	-19350	-19180
Sb2068	206.833 {4	Y_2243	ppm	0.0027	0.0026	97.07	0.0008	0.0045
Se1960	196.090 {4	Y_2243	ppm	0.0024	0.0002	8.724	0.0022	0.0025
Si2516	251.611 {1	Y_3710	ppm	4.4	0.1049	2.384	4.474	4.326
Sn1899	189.989 {4	In2306	ppm	0.0006	0	5.036	0.0006	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.4904	0.0111	2.273	0.4983	0.4825
Ti3349	334.904 {1	Y_3600	ppm	0.0017	0.0001	8.474	0.0018	0.0016
Tl1908	190.856 {4	In2306	ppm	-0.0024	0.0005	21.91	-0.0027	-0.002
V_2924	292.402 {1	Y_3600	ppm	0.0019	0.0002	8.605	0.0018	0.0021
Zn2062	206.200 {4	In2306	ppm	0.0607	0.0005	0.8648	0.0611	0.0604

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	192.93	4.2913	2.2243	189.89	195.96
In2306	230.606 {4	Cts/S	9136.8	21.374	0.23393	9121.7	9151.9
Y_2243	224.306 {4	Cts/S	11866	21.381	0.18018	11851	11881
Y_3600	360.073 { 9	Cts/S	96876	477.7	0.49311	97214	96539
Y_3710	371.030 { 9	Cts/S	12855	209.04	1.6261	12708	13003

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5107	0.0021	0.4115	0.5092	0.5121
Al3082	308.215 {1	In2306	ppm	9.801	0.2949	3.009	10.01	9.593
As1890	189.042 {4	Y_2243	ppm	1.04	0.0001	0.0096	1.04	1.04
B_2496	249.678 {1	Y_3710	ppm	1.139	0.0128	1.125	1.148	1.13
Ba4554	455.403 { 7	Y_3710	ppm	1.032	0.0125	1.21	1.041	1.023
Be3130	313.042 {1	Y_3710	ppm	0.4861	0.0052	1.079	0.4898	0.4824
Ca3158	315.887 {1	In2306	ppm	73.48	1.79	2.436	74.74	72.21
Ca3181	318.128 {1	In2306	ppm	76.03	1.701	2.237	77.24	74.83
Cd2288	228.802 {4	Y_2243	ppm	0.5303	0.002	0.3744	0.5289	0.5317
Co2286	228.616 {4	In2306	ppm	1.026	0.0033	0.319	1.024	1.029
Cr2677	267.716 {1	Y_3600	ppm	1.005	0.0113	1.119	0.9973	1.013
Cu3247	324.754 {1	Y_3600	ppm	1.007	0.0022	0.2143	1.005	1.008
Fe2404	240.488 {1	In2306	ppm	9.978	0.2571	2.577	10.16	9.796
K_7664	766.490 { 4	Y_3710	ppm	18.71	0.1689	0.9029	18.83	18.59
K_7698	769.896 { 4	Y_3710	ppm	20.47	0.1725	0.8423	20.6	20.35
Li6707	670.784 { 5	Y_3710	ppm	0.4631	0.0064	1.388	0.4676	0.4585
Mg2790	279.079 {1	Y_3710	ppm	18.24	0.1137	0.6231	18.32	18.16
Mn2576	257.610 {1	Y_3600	ppm	1.021	0.0109	1.069	1.013	1.028
Mn2576-2	257.610 {1	Y_3710	ppm	0.946	0.0086	0.9114	0.9521	0.9399
Mo2020	202.030 {4	Y_2243	ppm	1.002	0.001	0.1029	1.001	1.002
Na5895	589.592 { 5	Y_3710	ppm	148	1.316	0.8894	148.9	147.1
Na8183	818.326 { 4	Y_3710	ppm	155.9	1.502	0.9634	157	154.9
Ni2316	231.604 {4	In2306	ppm	0.9661	0.0023	0.2343	0.9645	0.9677

P_1782	178.284 {4	In2306	ppm	0.6297	0.0028	0.4428	0.6278	0.6317
Pb2203	220.353 {4	In2306	ppm	0.9651	0.0037	0.3804	0.9625	0.9677
S_1820	182.034 {4	Y_2243	ppm	-19160	62.81	0.3279	-19110	-19200
Sb2068	206.833 {4	Y_2243	ppm	0.9955	0.002	0.2022	0.9969	0.994
Se1960	196.090 {4	Y_2243	ppm	1.028	0.0022	0.218	1.027	1.03
Si2516	251.611 {1	Y_3710	ppm	5.338	0.0531	0.994	5.375	5.3
Sn1899	189.989 {4	In2306	ppm	0.9678	0.0025	0.2594	0.966	0.9696
Sr4215	421.552 { 8	Y_3710	ppm	0.9434	0.0106	1.125	0.9509	0.9359
Ti3349	334.904 {1	Y_3600	ppm	0.979	0.0071	0.7226	0.974	0.984
Tl1908	190.856 {4	In2306	ppm	0.9239	0.0017	0.1816	0.9227	0.925
V_2924	292.402 {1	Y_3600	ppm	0.9856	0.0109	1.103	0.9779	0.9933
Zn2062	206.200 {4	In2306	ppm	1.077	0.0043	0.3975	1.074	1.08

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	194.4	4.5753	2.3536	191.16	197.63
In2306	230.606 {4	Cts/S	8965.4	29.271	0.32649	8986.1	8944.7
Y_2243	224.306 {4	Cts/S	11782	26.248	0.22278	11800	11763
Y_3600	360.073 { 9	Cts/S	97228	477.59	0.4912	97566	96891
Y_3710	371.030 { 9	Cts/S	12717	104.85	0.82447	12643	12791

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5188	0.0015	0.2952	0.5177	0.5199
Al3082	308.215 {1	In2306	ppm	10.18	0.0229	0.225	10.2	10.17
As1890	189.042 {4	Y_2243	ppm	1.049	0.0148	1.412	1.06	1.039
B_2496	249.678 {1	Y_3710	ppm	1.151	0.0178	1.546	1.163	1.138
Ba4554	455.403 { 7	Y_3710	ppm	1.049	0.006	0.5684	1.053	1.045
Be3130	313.042 {1	Y_3710	ppm	0.4925	0.0027	0.5431	0.4944	0.4906
Ca3158	315.887 {1	In2306	ppm	76.05	0.0778	0.1023	76	76.11
Ca3181	318.128 {1	In2306	ppm	78.73	0.1595	0.2026	78.62	78.85
Cd2288	228.802 {4	Y_2243	ppm	0.5289	0.0081	1.538	0.5346	0.5231
Co2286	228.616 {4	In2306	ppm	1.032	0.0111	1.079	1.04	1.024
Cr2677	267.716 {1	Y_3600	ppm	1.021	0.0022	0.2118	1.019	1.022
Cu3247	324.754 {1	Y_3600	ppm	1.022	0.0023	0.2205	1.02	1.023
Fe2404	240.488 {1	In2306	ppm	10.24	0.0041	0.0404	10.25	10.24
K_7664	766.490 { 4	Y_3710	ppm	19.25	0.1127	0.5854	19.33	19.17
K_7698	769.896 { 4	Y_3710	ppm	21	0.1306	0.622	21.09	20.91
Li6707	670.784 { 5	Y_3710	ppm	0.4771	0.0027	0.5593	0.479	0.4752
Mg2790	279.079 {1	Y_3710	ppm	18.36	0.0282	0.1534	18.38	18.34
Mn2576	257.610 {1	Y_3600	ppm	1.039	0.005	0.4776	1.035	1.042
Mn2576-2	257.610 {1	Y_3710	ppm	0.961	0.0054	0.5627	0.9648	0.9571
Mo2020	202.030 {4	Y_2243	ppm	1.003	0.0136	1.356	1.013	0.9936
Na5895	589.592 { 5	Y_3710	ppm	150.6	3.635	2.414	153.1	148
Na8183	818.326 { 4	Y_3710	ppm	159.2	0.8339	0.5239	159.8	158.6

Ni2316	231.604 {4	In2306	ppm	0.9722	0.0079	0.8114	0.9778	0.9666
P_1782	178.284 {4	In2306	ppm	0.6473	0.0043	0.6602	0.6503	0.6443
Pb2203	220.353 {4	In2306	ppm	0.9689	0.0064	0.6589	0.9734	0.9644
S_1820	182.034 {4	Y_2243	ppm	-19240	239.3	1.244	-19410	-19070
Sb2068	206.833 {4	Y_2243	ppm	1.007	0.0169	1.675	1.019	0.9948
Se1960	196.090 {4	Y_2243	ppm	1.034	0.0133	1.285	1.043	1.024
Si2516	251.611 {1	Y_3710	ppm	5.43	0.0305	0.5609	5.451	5.408
Sn1899	189.989 {4	In2306	ppm	0.9791	0.0066	0.6765	0.9837	0.9744
Sr4215	421.552 { 8	Y_3710	ppm	0.9611	0.0048	0.4953	0.9644	0.9577
Ti3349	334.904 {1	Y_3600	ppm	0.9935	0.0047	0.4711	0.9902	0.9968
Tl1908	190.856 {4	In2306	ppm	0.9217	0.012	1.302	0.9302	0.9132
V_2924	292.402 {1	Y_3600	ppm	0.9978	0.0031	0.3067	0.9956	1
Zn2062	206.200 {4	In2306	ppm	1.088	0.0094	0.8644	1.094	1.081

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	188.88	0.33297	0.17628	189.12	188.65
In2306	230.606 {4	Cts/S	8932.6	52.875	0.59193	8895.2	8970
Y_2243	224.306 {4	Cts/S	11763	98.768	0.83968	11693	11832
Y_3600	360.073 { 9	Cts/S	96445	131.4	0.13624	96538	96353
Y_3710	371.030 { 9	Cts/S	12637	42.046	0.33272	12607	12667

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0004	270.3	0.0004	-0.0001
Al3082	308.215 {1	In2306	ppm	0.9754	0.035	3.592	0.9506	1
As1890	189.042 {4	Y_2243	ppm	0.017	0.0177	104.6	0.0044	0.0295
B_2496	249.678 {1	Y_3710	ppm	0.0458	0.0021	4.596	0.0473	0.0443
Ba4554	455.403 { 7	Y_3710	ppm	0.0437	0.0007	1.643	0.0432	0.0443
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	28.45	0.0001	0
Ca3158	315.887 {1	In2306	ppm	30.72	0.8579	2.793	30.11	31.32
Ca3181	318.128 {1	In2306	ppm	31.57	0.8931	2.829	30.93	32.2
Cd2288	228.802 {4	Y_2243	ppm	0.0082	0.0095	115.9	0.0015	0.0149
Co2286	228.616 {4	In2306	ppm	0.0169	0.0191	112.6	0.0034	0.0304
Cr2677	267.716 {1	Y_3600	ppm	0.0034	0.0001	2.135	0.0035	0.0034
Cu3247	324.754 {1	Y_3600	ppm	0.0066	0	0.5076	0.0067	0.0066
Fe2404	240.488 {1	In2306	ppm	0.8586	0.0228	2.653	0.8425	0.8747
K_7664	766.490 { 4	Y_3710	ppm	1.945	0.0338	1.74	1.921	1.968
K_7698	769.896 { 4	Y_3710	ppm	2.062	0.1228	5.953	1.976	2.149
Li6707	670.784 { 5	Y_3710	ppm	0.0011	0.0004	33.85	0.0013	0.0008
Mg2790	279.079 {1	Y_3710	ppm	3.554	0.1448	4.074	3.451	3.656
Mn2576	257.610 {1	Y_3600	ppm	0.0138	0.0001	0.9346	0.0139	0.0137
Mn2576-2	257.610 {1	Y_3710	ppm	0.0125	0.0005	3.761	0.0128	0.0121
Mo2020	202.030 {4	Y_2243	ppm	0.0236	0.0212	89.9	0.0086	0.0386
Na5895	589.592 { 5	Y_3710	ppm	5.653	0.1108	1.96	5.575	5.731

Na8183	818.326 {	4	Y_3710	ppm	5.745	0.1058	1.841	5.819	5.67
Ni2316	231.604 {	4	In2306	ppm	0.0166	0.018	108.3	0.0039	0.0293
P_1782	178.284 {	4	In2306	ppm	0.2513	0.006	2.371	0.2471	0.2555
Pb2203	220.353 {	4	In2306	ppm	0.0175	0.0167	95.15	0.0057	0.0293
S_1820	182.034 {	4	Y_2243	ppm	-1463	273.3	18.68	-1270	-1656
Sb2068	206.833 {	4	Y_2243	ppm	0.0319	0.0182	57.14	0.019	0.0448
Se1960	196.090 {	4	Y_2243	ppm	0.0138	0.0156	113.4	0.0027	0.0249
Si2516	251.611 {	1	Y_3710	ppm	4.778	0.1035	2.166	4.704	4.851
Sn1899	189.989 {	4	In2306	ppm	0.0184	0.0194	105.1	0.0047	0.0321
Sr4215	421.552 {	8	Y_3710	ppm	0.0906	0.0021	2.279	0.0891	0.092
Ti3349	334.904 {	1	Y_3600	ppm	0.0104	0.0001	0.7962	0.0104	0.0103
Tl1908	190.856 {	4	In2306	ppm	0.0186	0.0202	108.4	0.0043	0.0328
V_2924	292.402 {	1	Y_3600	ppm	0.0044	0.0003	7.701	0.0042	0.0046
Zn2062	206.200 {	4	In2306	ppm	0.0784	0.0189	24.07	0.0651	0.0918

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {	1	Cts/S	197.06	3.712	1.8837	199.69	194.44
In2306	230.606 {	4	Cts/S	10109	40.514	0.40078	10138	10080
Y_2243	224.306 {	4	Cts/S	12514	3.9582	0.03163	12517	12511
Y_3600	360.073 {	9	Cts/S	103790	888.21	0.85574	103170	104420
Y_3710	371.030 {	9	Cts/S	12974	290.24	2.2372	13179	12768

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Custom ID2=
Custom ID3=
Run Time=1/12/2012 10:13:07
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {	1	Y_3600	ppm	-0.0003	0.0004	144.2	-0.0006	0
Al3082	308.215 {	1	In2306	ppm	0.5509	0.012	2.181	0.5594	0.5424
As1890	189.042 {	4	Y_2243	ppm	0.0005	0.0007	121.5	0.0001	0.001
B_2496	249.678 {	1	Y_3710	ppm	0.0166	0.0051	30.98	0.0202	0.0129
Ba4554	455.403 {	7	Y_3710	ppm	0.0255	0.0001	0.368	0.0255	0.0254
Be3130	313.042 {	1	Y_3710	ppm	0	0.0001	3926	0.0001	-0.0001
Ca3158	315.887 {	1	In2306	ppm	6.894	0.0226	0.3284	6.91	6.878
Ca3181	318.128 {	1	In2306	ppm	7.056	0.0287	0.4072	7.036	7.076
Cd2288	228.802 {	4	Y_2243	ppm	0.0001	0.0001	55.13	0.0001	0.0002
Co2286	228.616 {	4	In2306	ppm	0.0005	0.0002	36.34	0.0004	0.0007
Cr2677	267.716 {	1	Y_3600	ppm	0.0031	0.0002	6.449	0.0033	0.003
Cu3247	324.754 {	1	Y_3600	ppm	0.0066	0.0001	0.7872	0.0066	0.0066
Fe2404	240.488 {	1	In2306	ppm	0.6228	0.0123	1.975	0.6315	0.6141
K_7664	766.490 {	4	Y_3710	ppm	0.2472	0.0001	0.0446	0.2473	0.2471
K_7698	769.896 {	4	Y_3710	ppm	0.2334	0.0153	6.536	0.2442	0.2226
Li6707	670.784 {	5	Y_3710	ppm	0.0003	0.0004	132.8	0	0.0006
Mg2790	279.079 {	1	Y_3710	ppm	0.8593	0.0234	2.724	0.8427	0.8758
Mn2576	257.610 {	1	Y_3600	ppm	0.018	0	0.0571	0.018	0.018
Mn2576-2	257.610 {	1	Y_3710	ppm	0.0165	0.0003	1.696	0.0167	0.0163
Mo2020	202.030 {	4	Y_2243	ppm	0.0008	0.0002	25.9	0.0007	0.001

Na5895	589.592 { 5	Y_3710	ppm	1.259	0.0189	1.502	1.245	1.272
Na8183	818.326 { 4	Y_3710	ppm	1.702	0.0172	1.009	1.69	1.714
Ni2316	231.604 {4	In2306	ppm	0.0006	0.0001	12.56	0.0005	0.0006
P_1782	178.284 {4	In2306	ppm	0.0428	0.001	2.359	0.0435	0.042
Pb2203	220.353 {4	In2306	ppm	0.0038	0.0002	4.427	0.0037	0.0039
S_1820	182.034 {4	Y_2243	ppm	-237.3	1.821	0.7672	-236	-238.6
Sb2068	206.833 {4	Y_2243	ppm	0.0041	0.0015	35.71	0.0031	0.0051
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0005	36.58	0.001	0.0017
Si2516	251.611 {1	Y_3710	ppm	0.8428	0.0036	0.4291	0.8453	0.8402
Sn1899	189.989 {4	In2306	ppm	0.0007	0.0006	77.05	0.0003	0.0012
Sr4215	421.552 { 8	Y_3710	ppm	0.0153	0.0001	0.5617	0.0154	0.0153
Ti3349	334.904 {1	Y_3600	ppm	0.0083	0.0003	3.149	0.0081	0.0085
Tl1908	190.856 {4	In2306	ppm	-0.0013	0	2.325	-0.0014	-0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0031	0.0001	1.935	0.0031	0.0031
Zn2062	206.200 {4	In2306	ppm	0.2496	0.0007	0.2791	0.2501	0.2491

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	200.2	0.10343	0.05167	200.27	200.12
In2306	230.606 {4	Cts/S	10506	25.627	0.24393	10488	10524
Y_2243	224.306 {4	Cts/S	12718	24.76	0.19468	12700	12735
Y_3600	360.073 { 9	Cts/S	105050	227.76	0.2168	104890	105210
Y_3710	371.030 { 9	Cts/S	13040	13.516	0.10365	13031	13050

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Custom ID3=
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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0004	337.9	-0.0004	0.0002
Al3082	308.215 {1	In2306	ppm	3.409	0.04	1.173	3.381	3.438
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0006	32.86	0.0023	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0124	0.0003	2.495	0.0126	0.0122
Ba4554	455.403 { 7	Y_3710	ppm	0.0504	0.0004	0.8299	0.0501	0.0507
Be3130	313.042 {1	Y_3710	ppm	0.0003	0	16.07	0.0003	0.0002
Ca3158	315.887 {1	In2306	ppm	20.18	0.0011	0.0056	20.18	20.18
Ca3181	318.128 {1	In2306	ppm	20.79	0.0434	0.2086	20.82	20.76
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	4.621	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.0013	0.0002	15.35	0.0011	0.0014
Cr2677	267.716 {1	Y_3600	ppm	0.0091	0.0007	7.537	0.0095	0.0086
Cu3247	324.754 {1	Y_3600	ppm	0.0155	0.0001	0.5232	0.0154	0.0155
Fe2404	240.488 {1	In2306	ppm	2.919	0.0042	0.1422	2.922	2.916
K_7664	766.490 { 4	Y_3710	ppm	13.7	0.1755	1.281	13.58	13.82
K_7698	769.896 { 4	Y_3710	ppm	14.84	0.199	1.34	14.7	14.98
Li6707	670.784 { 5	Y_3710	ppm	0.0021	0.0003	16.21	0.0018	0.0023
Mg2790	279.079 {1	Y_3710	ppm	1.408	0.0004	0.0256	1.408	1.409
Mn2576	257.610 {1	Y_3600	ppm	0.0731	0	0.0528	0.0732	0.0731
Mn2576-2	257.610 {1	Y_3710	ppm	0.0659	0.0006	0.8729	0.0663	0.0655

Mo2020	202.030 {4	Y_2243	ppm	0.0007	0	6.685	0.0007	0.0007
Na5895	589.592 { 5	Y_3710	ppm	65.16	0.9612	1.475	64.48	65.84
Na8183	818.326 { 4	Y_3710	ppm	65.7	0.5061	0.7703	65.34	66.06
Ni2316	231.604 {4	In2306	ppm	0.0045	0	0.4777	0.0044	0.0045
P_1782	178.284 {4	In2306	ppm	0.4248	0.002	0.4798	0.4234	0.4263
Pb2203	220.353 {4	In2306	ppm	0.0105	0.0005	4.904	0.0109	0.0101
S_1820	182.034 {4	Y_2243	ppm	-3524	11.01	0.3126	-3516	-3532
Sb2068	206.833 {4	Y_2243	ppm	0.0033	0.0009	28.46	0.0026	0.004
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0009	104.4	0.0014	0.0002
Si2516	251.611 {1	Y_3710	ppm	5.785	0.0061	0.1055	5.789	5.781
Sn1899	189.989 {4	In2306	ppm	0.0008	0.0001	7.218	0.0008	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	0.0431	0.0002	0.3635	0.043	0.0432
Ti3349	334.904 {1	Y_3600	ppm	0.0275	0.0006	2.082	0.0279	0.0271
Tl1908	190.856 {4	In2306	ppm	-0.0026	0.0003	11.48	-0.0024	-0.0028
V_2924	292.402 {1	Y_3600	ppm	0.0078	0.0004	4.601	0.0075	0.008
Zn2062	206.200 {4	In2306	ppm	0.3535	0.0002	0.0531	0.3534	0.3536

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	196.16	0.76188	0.38839	196.7	195.62
In2306	230.606 {4	Cts/S	9709	49.756	0.51247	9744.2	9673.8
Y_2243	224.306 {4	Cts/S	12349	94.607	0.76614	12415	12282
Y_3600	360.073 { 9	Cts/S	100420	171.29	0.17057	100300	100540
Y_3710	371.030 { 9	Cts/S	12865	16.776	0.1304	12877	12853

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2571	0.0021	0.8191	0.2585	0.2556
Al3082	308.215 {1	In2306	ppm	2.405	0.0102	0.4241	2.412	2.398
As1890	189.042 {4	Y_2243	ppm	0.5029	0.0017	0.3388	0.5017	0.5041
B_2496	249.678 {1	Y_3710	ppm	0.4949	0.0027	0.5423	0.4968	0.493
Ba4554	455.403 { 7	Y_3710	ppm	0.4769	0.0007	0.152	0.4764	0.4774
Be3130	313.042 {1	Y_3710	ppm	0.5011	0.0036	0.7207	0.4986	0.5037
Ca3158	315.887 {1	In2306	ppm	12.27	0.0587	0.4781	12.23	12.31
Ca3181	318.128 {1	In2306	ppm	12.67	0.0701	0.5535	12.62	12.72
Cd2288	228.802 {4	Y_2243	ppm	0.5227	0.0015	0.2948	0.5216	0.5238
Co2286	228.616 {4	In2306	ppm	0.5079	0.001	0.1928	0.5072	0.5086
Cr2677	267.716 {1	Y_3600	ppm	0.534	0.0031	0.5809	0.5362	0.5318
Cu3247	324.754 {1	Y_3600	ppm	0.5185	0.0037	0.708	0.5211	0.5159
Fe2404	240.488 {1	In2306	ppm	2.479	0.0021	0.0848	2.477	2.48
K_7664	766.490 { 4	Y_3710	ppm	11.28	0.0184	0.1631	11.3	11.27
K_7698	769.896 { 4	Y_3710	ppm	12.18	0.0164	0.1348	12.19	12.16
Li6707	670.784 { 5	Y_3710	ppm	0.4529	0.0039	0.8566	0.4556	0.4501
Mg2790	279.079 {1	Y_3710	ppm	5.135	0.0864	1.683	5.074	5.196
Mn2576	257.610 {1	Y_3600	ppm	0.5169	0.0042	0.8046	0.5198	0.5139

Mn2576-2	257.610 {1	Y_3710	ppm	0.4671	0.0059	1.254	0.4629	0.4712
Mo2020	202.030 {4	Y_2243	ppm	0.5013	0.0009	0.1702	0.5007	0.5019
Na5895	589.592 { 5	Y_3710	ppm	11.81	0.0626	0.5304	11.85	11.76
Na8183	818.326 { 4	Y_3710	ppm	12.17	0.0615	0.5054	12.13	12.21
Ni2316	231.604 {4	In2306	ppm	0.4776	0.0014	0.3004	0.4766	0.4787
P_1782	178.284 {4	In2306	ppm	0.0011	0.0014	122.5	0.0002	0.0021
Pb2203	220.353 {4	In2306	ppm	0.4837	0.0027	0.5652	0.4817	0.4856
S_1820	182.034 {4	Y_2243	ppm	-273.8	9.75	3.561	-266.9	-280.7
Sb2068	206.833 {4	Y_2243	ppm	0.4893	0.0005	0.1004	0.489	0.4897
Se1960	196.090 {4	Y_2243	ppm	0.5016	0.0015	0.3039	0.5005	0.5027
Si2516	251.611 {1	Y_3710	ppm	0.8119	0.0243	2.99	0.7947	0.829
Sn1899	189.989 {4	In2306	ppm	0.4807	0.0015	0.3023	0.4797	0.4818
Sr4215	421.552 { 8	Y_3710	ppm	0.2372	0.0007	0.2894	0.2367	0.2376
Ti3349	334.904 {1	Y_3600	ppm	0.5153	0.0023	0.4471	0.5169	0.5137
Tl1908	190.856 {4	In2306	ppm	0.4751	0.0008	0.1756	0.4757	0.4746
V_2924	292.402 {1	Y_3600	ppm	0.5101	0.0011	0.2087	0.5108	0.5093
Zn2062	206.200 {4	In2306	ppm	0.5043	0.0016	0.3156	0.5032	0.5055

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	199.17	0.58709	0.29477	198.75	199.58
In2306	230.606 {4	Cts/S	10098	79.034	0.78268	10154	10042
Y_2243	224.306 {4	Cts/S	12611	99.989	0.79287	12682	12540
Y_3600	360.073 { 9	Cts/S	102260	481.51	0.47087	101920	102600
Y_3710	371.030 { 9	Cts/S	12934	63.66	0.49218	12979	12889

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0001	2.72	0.0051	0.0053
Al3082	308.215 {1	In2306	ppm	0.1078	0.0049	4.578	0.1113	0.1043
As1890	189.042 {4	Y_2243	ppm	0.0129	0.0036	27.59	0.0104	0.0155
B_2496	249.678 {1	Y_3710	ppm	0.0109	0.0038	34.96	0.0082	0.0136
Ba4554	455.403 { 7	Y_3710	ppm	0.0096	0.0002	2.427	0.0098	0.0095
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.5427	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0972	0.0091	9.329	0.1036	0.0908
Ca3181	318.128 {1	In2306	ppm	0.07	0.0006	0.8142	0.0696	0.0704
Cd2288	228.802 {4	Y_2243	ppm	0.0089	0.0047	52.67	0.0056	0.0122
Co2286	228.616 {4	In2306	ppm	0.0137	0.0047	34.51	0.0104	0.0171
Cr2677	267.716 {1	Y_3600	ppm	0.011	0.0002	2.197	0.0112	0.0108
Cu3247	324.754 {1	Y_3600	ppm	0.0099	0	0.0078	0.01	0.0099
Fe2404	240.488 {1	In2306	ppm	0.0918	0.0007	0.7389	0.0923	0.0913
K_7664	766.490 { 4	Y_3710	ppm	0.5839	0.0205	3.516	0.5984	0.5694
K_7698	769.896 { 4	Y_3710	ppm	0.5712	0.0066	1.16	0.5759	0.5665
Li6707	670.784 { 5	Y_3710	ppm	0.0082	0.0001	0.8434	0.0082	0.0083
Mg2790	279.079 {1	Y_3710	ppm	0.1071	0.0002	0.1754	0.1072	0.1069

Mn2576	257.610 {1	Y_3600	ppm	0.0106	0.0002	1.96	0.0107	0.0104
Mn2576-2	257.610 {1	Y_3710	ppm	0.0096	0.0008	8.732	0.0102	0.009
Mo2020	202.030 {4	Y_2243	ppm	0.0153	0.0054	35.58	0.0114	0.0191
Na5895	589.592 { 5	Y_3710	ppm	0.5651	0.007	1.247	0.5701	0.5602
Na8183	818.326 { 4	Y_3710	ppm	0.8996	0.0416	4.629	0.9291	0.8702
Ni2316	231.604 {4	In2306	ppm	0.0125	0.0044	34.85	0.0094	0.0156
P_1782	178.284 {4	In2306	ppm	0.0092	0.0001	1.577	0.0091	0.0093
Pb2203	220.353 {4	In2306	ppm	0.0127	0.0035	27.67	0.0102	0.0152
S_1820	182.034 {4	Y_2243	ppm	-2.023	2.456	121.4	-0.2858	-3.759
Sb2068	206.833 {4	Y_2243	ppm	0.0211	0.0054	25.43	0.0173	0.0249
Se1960	196.090 {4	Y_2243	ppm	0.0136	0.0045	33.12	0.0104	0.0168
Si2516	251.611 {1	Y_3710	ppm	-0.0013	0.0004	33.25	-0.001	-0.0016
Sn1899	189.989 {4	In2306	ppm	0.0136	0.0048	35.19	0.0102	0.017
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0	0.1401	0.0046	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.01	0	0.4477	0.0101	0.01
Tl1908	190.856 {4	In2306	ppm	0.0128	0.0057	44.21	0.0088	0.0168
V_2924	292.402 {1	Y_3600	ppm	0.0107	0.0001	0.5511	0.0107	0.0108
Zn2062	206.200 {4	In2306	ppm	0.0135	0.0047	35.17	0.0101	0.0168

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	202.79	0.80373	0.39634	202.22	203.36
In2306	230.606 {4	Cts/S	10681	23.579	0.22076	10698	10664
Y_2243	224.306 {4	Cts/S	12812	21.866	0.17067	12827	12796
Y_3600	360.073 { 9	Cts/S	104690	1640.8	1.5673	103530	105850
Y_3710	371.030 { 9	Cts/S	13174	29.434	0.22342	13154	13195

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	38.18	0.0003	0.0002
Al3082	308.215 {1	In2306	ppm	0.0278	0.0015	5.394	0.0268	0.0289
As1890	189.042 {4	Y_2243	ppm	-0.0003	0.0009	363.4	-0.0009	0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0058	0.0034	58.98	0.0034	0.0083
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0003	83.61	0.0001	0.0005
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	78.74	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	0.004	0.0048	121.3	0.0006	0.0074
Ca3181	318.128 {1	In2306	ppm	-0.0255	0.0397	155.7	-0.0535	0.0026
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	261	-0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	35.91	0.0002	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0003	97.64	0.0001	0.0005
Cu3247	324.754 {1	Y_3600	ppm	-0.0002	0.0001	27.03	-0.0003	-0.0002
Fe2404	240.488 {1	In2306	ppm	-0.0068	0.0017	25.3	-0.0056	-0.008
K_7664	766.490 { 4	Y_3710	ppm	0.0353	0.0277	78.46	0.0549	0.0157
K_7698	769.896 { 4	Y_3710	ppm	0.0009	0.0345	3646	-0.0234	0.0253
Li6707	670.784 { 5	Y_3710	ppm	-0.0011	0.0001	13.1	-0.001	-0.0012

Mg2790	279.079 {1	Y_3710	ppm	0.002	0.0174	852.1	0.0143	-0.0102
Mn2576	257.610 {1	Y_3600	ppm	0	0	7.165	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0008	537.4	-0.0004	0.0007
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0003	83.83	0.0002	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.004	0.0038	94.96	0.0066	0.0013
Na8183	818.326 { 4	Y_3710	ppm	0.1938	0.0579	29.89	0.2348	0.1529
Ni2316	231.604 {4	In2306	ppm	0	0.0001	50350	-0.0001	0.0001
P_1782	178.284 {4	In2306	ppm	-0.0002	0.0002	84.29	-0.0004	-0.0001
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0004	128.4	-0.0006	0
S_1820	182.034 {4	Y_2243	ppm	-0.2016	0.2452	121.6	-0.375	-0.0282
Sb2068	206.833 {4	Y_2243	ppm	0.0027	0.0001	5.36	0.0028	0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0007	98.07	0.0002	0.0012
Si2516	251.611 {1	Y_3710	ppm	-0.0042	0.0034	81.51	-0.0066	-0.0018
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0001	34.81	0.0002	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	150.1	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0002	161.6	0.0003	0
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0001	41.82	-0.0002	-0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0001	23.13	0.0006	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0003	0.0002	61.1	0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	201.36	1.5637	0.77657	202.46	200.25
In2306	230.606 {4	Cts/S	10674	23.099	0.21641	10690	10657
Y_2243	224.306 {4	Cts/S	12726	18.902	0.14852	12740	12713
Y_3600	360.073 { 9	Cts/S	104880	259.84	0.24776	105060	104690
Y_3710	371.030 { 9	Cts/S	13079	28.194	0.21556	13099	13060

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 10:26:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0005	569.2	-0.0003	0.0005
Al3082	308.215 {1	In2306	ppm	0.0285	0.0069	24.3	0.0334	0.0236
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0007	99.89	0.0012	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0039	0.0017	43.68	0.0027	0.0051
Ba4554	455.403 { 7	Y_3710	ppm	0.0011	0.0001	12.66	0.0012	0.001
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	201.8	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.6324	0.003	0.4745	0.6303	0.6346
Ca3181	318.128 {1	In2306	ppm	0.5847	0.0269	4.603	0.6038	0.5657
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	103.7	0	-0.0002
Co2286	228.616 {4	In2306	ppm	0	0	1020	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0002	72.03	0.0005	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0002	0.0001	52.32	-0.0003	-0.0002
Fe2404	240.488 {1	In2306	ppm	0.0685	0.0051	7.49	0.0721	0.0649
K_7664	766.490 { 4	Y_3710	ppm	6.424	0.0052	0.0803	6.428	6.42
K_7698	769.896 { 4	Y_3710	ppm	6.949	0.0441	0.6345	6.918	6.98

Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0.0002	46.84	-0.0005	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0926	0.0062	6.647	0.097	0.0883
Mn2576	257.610 {1	Y_3600	ppm	0.0016	0	1.122	0.0016	0.0016
Mn2576-2	257.610 {1	Y_3710	ppm	0.0016	0.0011	69.71	0.0024	0.0008
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0.0001	126.5	0	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	21.79	0.004	0.0184	21.79	21.79
Na8183	818.326 { 4	Y_3710	ppm	22.49	0.0591	0.2629	22.53	22.45
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0001	55.91	-0.0002	-0.0001
P_1782	178.284 {4	In2306	ppm	0.1826	0.0005	0.2777	0.1823	0.183
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0001	23.66	0.0006	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1352	0.6281	0.0464	-1352	-1353
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0004	30.74	0.0015	0.001
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0004	108.7	0.0007	0.0001
Si2516	251.611 {1	Y_3710	ppm	0.0892	0.0035	3.921	0.0917	0.0868
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0001	48.52	-0.0001	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0037	0.0001	2.028	0.0036	0.0037
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0006	927.8	0.0003	-0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0017	0.0009	53.6	-0.0024	-0.0011
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0003	101.2	0.0005	0.0001
Zn2062	206.200 {4	In2306	ppm	0.005	0	0.3435	0.005	0.0049

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	202.96	1.0659	0.5252	202.21	203.72
In2306	230.606 {4	Cts/S	10208	28.427	0.27849	10228	10187
Y_2243	224.306 {4	Cts/S	12592	51.984	0.41283	12629	12555
Y_3600	360.073 { 9	Cts/S	102690	850.33	0.82805	103290	102090
Y_3710	371.030 { 9	Cts/S	13159	40.677	0.30912	13188	13130

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Custom ID2=
Custom ID3=
Run Time=1/12/2012 10:29:50
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	844.2	-0.0001	0
Al3082	308.215 {1	In2306	ppm	0.4134	0.0352	8.52	0.4383	0.3885
As1890	189.042 {4	Y_2243	ppm	0	0.0002	1155	-0.0002	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0192	0.0044	23.21	0.016	0.0223
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0001	1.161	0.0099	0.0097
Be3130	313.042 {1	Y_3710	ppm	0	0	59.46	0	0
Ca3158	315.887 {1	In2306	ppm	8.581	0.0898	1.047	8.517	8.644
Ca3181	318.128 {1	In2306	ppm	8.826	0.0479	0.543	8.792	8.86
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	355.9	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	120.7	0.0003	0
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0	2.98	0.0016	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0043	0	0.2195	0.0043	0.0043
Fe2404	240.488 {1	In2306	ppm	0.3732	0.0089	2.395	0.3668	0.3795
K_7664	766.490 { 4	Y_3710	ppm	6.123	0.101	1.649	6.195	6.052

K_7698	769.896 { 4	Y_3710	ppm	6.557	0.0791	1.206	6.613	6.501
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0003	108.8	-0.0005	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	1.535	0.0142	0.9233	1.525	1.545
Mn2576	257.610 {1	Y_3600	ppm	0.0126	0	0.3425	0.0127	0.0126
Mn2576-2	257.610 {1	Y_3710	ppm	0.0112	0.0008	7.477	0.0106	0.0118
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0	2.927	0.0006	0.0006
Na5895	589.592 { 5	Y_3710	ppm	1.842	0.0522	2.833	1.879	1.805
Na8183	818.326 { 4	Y_3710	ppm	1.801	0.0586	3.252	1.842	1.759
Ni2316	231.604 {4	In2306	ppm	0.0003	0	14.09	0.0003	0.0004
P_1782	178.284 {4	In2306	ppm	0.7102	0.0012	0.1632	0.711	0.7093
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0002	13.92	0.0014	0.0012
S_1820	182.034 {4	Y_2243	ppm	-622.4	0.1084	0.0174	-622.5	-622.3
Sb2068	206.833 {4	Y_2243	ppm	0.0016	0.0004	25.94	0.0013	0.0019
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0004	56.79	0.0011	0.0005
Si2516	251.611 {1	Y_3710	ppm	1.658	0.0187	1.13	1.644	1.671
Sn1899	189.989 {4	In2306	ppm	0.0002	0	19.7	0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0298	0.0001	0.415	0.0297	0.0299
Ti3349	334.904 {1	Y_3600	ppm	0.0042	0.0005	11.68	0.0045	0.0038
Tl1908	190.856 {4	In2306	ppm	-0.0022	0.0006	29.02	-0.0017	-0.0026
V_2924	292.402 {1	Y_3600	ppm	0.0034	0.0004	10.95	0.0031	0.0036
Zn2062	206.200 {4	In2306	ppm	0.0361	0.0001	0.2629	0.0361	0.036

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	197.66	1.5339	0.77605	196.58	198.74
In2306	230.606 {4	Cts/S	10411	20.089	0.19296	10397	10425
Y_2243	224.306 {4	Cts/S	12627	38.751	0.30689	12599	12654
Y_3600	360.073 { 9	Cts/S	104100	390.85	0.37545	104380	103820
Y_3710	371.030 { 9	Cts/S	13084	25.66	0.19611	13066	13103

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0001	34.3	-0.0004	-0.0003
Al3082	308.215 {1	In2306	ppm	2.232	0.0049	0.2209	2.236	2.229
As1890	189.042 {4	Y_2243	ppm	0.0061	0.0006	10.42	0.0065	0.0056
B_2496	249.678 {1	Y_3710	ppm	0.0252	0.0067	26.42	0.0205	0.0299
Ba4554	455.403 { 7	Y_3710	ppm	0.0398	0.0001	0.1996	0.0399	0.0398
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	21.59	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	25.98	0.0226	0.087	26	25.97
Ca3181	318.128 {1	In2306	ppm	26.83	0.0278	0.1035	26.81	26.85
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	306.7	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0007	0.0001	12.38	0.0007	0.0006
Cr2677	267.716 {1	Y_3600	ppm	0.0155	0.0004	2.665	0.0152	0.0158
Cu3247	324.754 {1	Y_3600	ppm	0.0093	0	0.2442	0.0093	0.0093
Fe2404	240.488 {1	In2306	ppm	2.746	0.0063	0.2289	2.751	2.742

K_7664	766.490 { 4	Y_3710	ppm	1.388	0.0066	0.4733	1.392	1.383
K_7698	769.896 { 4	Y_3710	ppm	1.426	0.0059	0.4106	1.43	1.422
Li6707	670.784 { 5	Y_3710	ppm	0.0021	0.0003	12.49	0.0019	0.0023
Mg2790	279.079 {1	Y_3710	ppm	2.109	0.004	0.1873	2.112	2.106
Mn2576	257.610 {1	Y_3600	ppm	0.1395	0.0001	0.0718	0.1394	0.1396
Mn2576-2	257.610 {1	Y_3710	ppm	0.1249	0.0013	1.077	0.1258	0.1239
Mo2020	202.030 {4	Y_2243	ppm	0.0031	0	0.5124	0.0031	0.0031
Na5895	589.592 { 5	Y_3710	ppm	1.541	0.0207	1.345	1.526	1.556
Na8183	818.326 { 4	Y_3710	ppm	1.542	0.006	0.3901	1.538	1.547
Ni2316	231.604 {4	In2306	ppm	0.0026	0.0002	6.165	0.0027	0.0025
P_1782	178.284 {4	In2306	ppm	0.1938	0.002	1.043	0.1924	0.1952
Pb2203	220.353 {4	In2306	ppm	0.0063	0.0011	17.06	0.0071	0.0056
S_1820	182.034 {4	Y_2243	ppm	-596.8	2.638	0.442	-598.6	-594.9
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0007	61.3	0.0007	0.0017
Se1960	196.090 {4	Y_2243	ppm	0	0.0005	31480	0.0003	-0.0003
Si2516	251.611 {1	Y_3710	ppm	5.168	0.0128	0.2471	5.159	5.177
Sn1899	189.989 {4	In2306	ppm	0.0002	0	12.11	0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0517	0	0.0479	0.0517	0.0517
Ti3349	334.904 {1	Y_3600	ppm	0.0212	0.0004	1.705	0.021	0.0215
Tl1908	190.856 {4	In2306	ppm	-0.0004	0.0004	105	-0.0001	-0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0106	0.0002	2.039	0.0104	0.0107
Zn2062	206.200 {4	In2306	ppm	0.0958	0.0004	0.421	0.0961	0.0955

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	199.35	1.8466	0.92629	200.66	198.05
In2306	230.606 {4	Cts/S	10320	57.29	0.55511	10280	10361
Y_2243	224.306 {4	Cts/S	12624	60.437	0.47873	12582	12667
Y_3600	360.073 { 9	Cts/S	103900	155.64	0.1498	103790	104010
Y_3710	371.030 { 9	Cts/S	12959	7.7631	0.05991	12964	12953

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0004	93.07	-0.0007	-0.0001
Al3082	308.215 {1	In2306	ppm	3.966	0.0145	0.3666	3.977	3.956
As1890	189.042 {4	Y_2243	ppm	0.0075	0.0005	6.397	0.0072	0.0078
B_2496	249.678 {1	Y_3710	ppm	0.0238	0.0039	16.39	0.0266	0.021
Ba4554	455.403 { 7	Y_3710	ppm	0.0454	0.0001	0.2271	0.0455	0.0454
Be3130	313.042 {1	Y_3710	ppm	0.0003	0	7.101	0.0003	0.0003
Ca3158	315.887 {1	In2306	ppm	17.25	0.0353	0.2043	17.28	17.23
Ca3181	318.128 {1	In2306	ppm	17.84	0.0049	0.0277	17.85	17.84
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	19.17	0.0003	0.0002
Co2286	228.616 {4	In2306	ppm	0.0015	0	1.667	0.0015	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.0117	0.0002	1.624	0.0115	0.0118
Cu3247	324.754 {1	Y_3600	ppm	0.0435	0.0002	0.5119	0.0434	0.0437

Fe2404	240.488 {1	In2306	ppm	3.051	0.0031	0.1005	3.053	3.049
K_7664	766.490 { 4	Y_3710	ppm	1.734	0.0068	0.3902	1.73	1.739
K_7698	769.896 { 4	Y_3710	ppm	1.832	0.0042	0.23	1.829	1.835
Li6707	670.784 { 5	Y_3710	ppm	0.0028	0.0003	12	0.0025	0.003
Mg2790	279.079 {1	Y_3710	ppm	1.533	0.0108	0.7024	1.541	1.526
Mn2576	257.610 {1	Y_3600	ppm	0.0639	0.0003	0.4883	0.0636	0.0641
Mn2576-2	257.610 {1	Y_3710	ppm	0.0577	0.0009	1.568	0.0583	0.057
Mo2020	202.030 {4	Y_2243	ppm	0.0032	0	0.5191	0.0032	0.0032
Na5895	589.592 { 5	Y_3710	ppm	21.88	0.1189	0.5432	21.8	21.97
Na8183	818.326 { 4	Y_3710	ppm	21.97	0.1471	0.6698	21.86	22.07
Ni2316	231.604 {4	In2306	ppm	0.0092	0	0.2272	0.0092	0.0092
P_1782	178.284 {4	In2306	ppm	0.1354	0.0019	1.414	0.1341	0.1368
Pb2203	220.353 {4	In2306	ppm	0.0104	0.0009	9.102	0.0097	0.0111
S_1820	182.034 {4	Y_2243	ppm	-1091	0.0078	0.0007	-1091	-1091
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.001	115.8	0.0015	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0011	0.0007	64.08	0.0015	0.0006
Si2516	251.611 {1	Y_3710	ppm	7.193	0.0158	0.2195	7.205	7.182
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	34.67	0.0003	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.048	0.0002	0.3381	0.0479	0.0481
Ti3349	334.904 {1	Y_3600	ppm	0.0287	0.0001	0.2414	0.0287	0.0288
Tl1908	190.856 {4	In2306	ppm	-0.0015	0.0009	57.47	-0.0009	-0.0022
V_2924	292.402 {1	Y_3600	ppm	0.0089	0.0008	8.882	0.0095	0.0083
Zn2062	206.200 {4	In2306	ppm	0.2357	0.0002	0.0761	0.2358	0.2356

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	198.33	0.43414	0.2189	198.64	198.02
In2306	230.606 {4	Cts/S	10112	8.1041	0.08014	10106	10118
Y_2243	224.306 {4	Cts/S	12554	10.24	0.08156	12547	12561
Y_3600	360.073 { 9	Cts/S	102210	448	0.43832	102520	101890
Y_3710	371.030 { 9	Cts/S	12890	12.789	0.09922	12881	12899

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Username=admin
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Custom ID3=
Run Time=1/12/2012 10:38:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0003	71.82	-0.0002	-0.0006
Al3082	308.215 {1	In2306	ppm	1.554	0.0262	1.683	1.536	1.573
As1890	189.042 {4	Y_2243	ppm	-0.0003	0.0008	301.1	0.0003	-0.0008
B_2496	249.678 {1	Y_3710	ppm	0.0152	0.0017	11.2	0.014	0.0165
Ba4554	455.403 { 7	Y_3710	ppm	0.0256	0.0003	1.016	0.0254	0.0258
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	75.04	0.0002	0
Ca3158	315.887 {1	In2306	ppm	7.478	0.0499	0.6667	7.443	7.513
Ca3181	318.128 {1	In2306	ppm	7.744	0.0706	0.9113	7.794	7.694
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	130.5	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	15.21	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0017	0.0005	26.87	0.0021	0.0014

Cu3247	324.754 {1	Y_3600	ppm	0.0013	0.0002	16.59	0.0012	0.0015
Fe2404	240.488 {1	In2306	ppm	0.7348	0.0112	1.523	0.7427	0.7269
K_7664	766.490 { 4	Y_3710	ppm	1.919	0.0132	0.6875	1.928	1.91
K_7698	769.896 { 4	Y_3710	ppm	2.022	0.0035	0.1748	2.02	2.025
Li6707	670.784 { 5	Y_3710	ppm	0.0009	0.0003	27.67	0.0008	0.0011
Mg2790	279.079 {1	Y_3710	ppm	1.185	0.0204	1.722	1.199	1.17
Mn2576	257.610 {1	Y_3600	ppm	0.0106	0.0001	0.9296	0.0105	0.0106
Mn2576-2	257.610 {1	Y_3710	ppm	0.0095	0.0001	0.6054	0.0095	0.0094
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0	1.702	0.0007	0.0007
Na5895	589.592 { 5	Y_3710	ppm	1.957	0.016	0.8191	1.969	1.946
Na8183	818.326 { 4	Y_3710	ppm	1.93	0.07	3.629	1.979	1.88
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0002	68.72	0.0005	0.0002
P_1782	178.284 {4	In2306	ppm	0.4525	0.003	0.6632	0.4547	0.4504
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0003	31.18	0.0011	0.0007
S_1820	182.034 {4	Y_2243	ppm	-954.1	3.794	0.3976	-951.5	-956.8
Sb2068	206.833 {4	Y_2243	ppm	-0.0001	0.0012	1785	0.0008	-0.0009
Se1960	196.090 {4	Y_2243	ppm	-0.0003	0.0001	31.32	-0.0003	-0.0004
Si2516	251.611 {1	Y_3710	ppm	3.231	0.0157	0.4854	3.22	3.242
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0002	321.2	0.0002	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0181	0.0001	0.3726	0.018	0.0181
Ti3349	334.904 {1	Y_3600	ppm	0.0583	0.006	10.36	0.054	0.0626
Tl1908	190.856 {4	In2306	ppm	-0.0023	0.0006	26.86	-0.0027	-0.0019
V_2924	292.402 {1	Y_3600	ppm	0.0034	0.0002	5.51	0.0036	0.0033
Zn2062	206.200 {4	In2306	ppm	0.0249	0.0025	10.04	0.0231	0.0266

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	200.46	0.22566	0.11257	200.31	200.62
In2306	230.606 {4	Cts/S	10489	44.876	0.42783	10521	10458
Y_2243	224.306 {4	Cts/S	12652	83.58	0.6606	12711	12593
Y_3600	360.073 { 9	Cts/S	103450	129.25	0.12494	103360	103540
Y_3710	371.030 { 9	Cts/S	13013	3.2516	0.02499	13015	13010

[Sample Header]
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Custom ID3=
Run Time=1/12/2012 10:41:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0004	177	0.0001	-0.0006
Al3082	308.215 {1	In2306	ppm	1.598	0.0206	1.288	1.583	1.613
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0004	189.1	0.0001	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.0103	0.0028	26.8	0.0123	0.0084
Ba4554	455.403 { 7	Y_3710	ppm	0.0261	0.0001	0.4765	0.0262	0.0261
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	58.32	0.0001	0
Ca3158	315.887 {1	In2306	ppm	7.611	0.059	0.7758	7.652	7.569
Ca3181	318.128 {1	In2306	ppm	7.813	0.0682	0.8729	7.861	7.765
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	12.19	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	12.5	0.0001	0.0001

Cr2677	267.716 {1	Y_3600	ppm	0.0017	0.0001	8.529	0.0018	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0016	0.0001	5.869	0.0016	0.0015
Fe2404	240.488 {1	In2306	ppm	0.7427	0.0197	2.653	0.7566	0.7287
K_7664	766.490 { 4	Y_3710	ppm	1.96	0.0063	0.3225	1.956	1.965
K_7698	769.896 { 4	Y_3710	ppm	2.031	0.036	1.771	2.005	2.056
Li6707	670.784 { 5	Y_3710	ppm	0.0007	0.0002	21.08	0.0008	0.0006
Mg2790	279.079 {1	Y_3710	ppm	1.196	0.0389	3.254	1.168	1.223
Mn2576	257.610 {1	Y_3600	ppm	0.0105	0.0002	1.578	0.0106	0.0104
Mn2576-2	257.610 {1	Y_3710	ppm	0.0093	0.0002	2.159	0.0091	0.0094
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0001	18.26	0.0005	0.0004
Na5895	589.592 { 5	Y_3710	ppm	1.972	0.001	0.0497	1.972	1.971
Na8183	818.326 { 4	Y_3710	ppm	2.176	0.125	5.745	2.264	2.087
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0001	31.11	0.0002	0.0002
P_1782	178.284 {4	In2306	ppm	0.4566	0.0017	0.3686	0.4577	0.4554
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0015	294.2	0.0015	-0.0005
S_1820	182.034 {4	Y_2243	ppm	-954.6	4.17	0.4369	-957.5	-951.6
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0.0004	340.7	-0.0002	0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0005	108.5	0.0008	0.0001
Si2516	251.611 {1	Y_3710	ppm	3.264	0.0022	0.0679	3.266	3.263
Sn1899	189.989 {4	In2306	ppm	0	0.0003	788.3	0.0003	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0182	0	0.2702	0.0182	0.0183
Ti3349	334.904 {1	Y_3600	ppm	0.0591	0.0008	1.337	0.0585	0.0596
Tl1908	190.856 {4	In2306	ppm	-0.0026	0.0004	15.65	-0.0029	-0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0039	0.0001	1.583	0.004	0.0039
Zn2062	206.200 {4	In2306	ppm	0.0229	0	0.1899	0.0229	0.023

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	197.94	1.165	0.58856	197.12	198.77
In2306	230.606 {4	Cts/S	10502	4.2061	0.04005	10499	10505
Y_2243	224.306 {4	Cts/S	12713	31.09	0.24456	12735	12691
Y_3600	360.073 { 9	Cts/S	104140	187.07	0.17964	104010	104270
Y_3710	371.030 { 9	Cts/S	13063	37.295	0.2855	13090	13037

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SampleName=600-48471-A-1-C MS
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Custom ID3=
Run Time=1/12/2012 10:44:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5081	0.001	0.1968	0.5088	0.5074
Al3082	308.215 {1	In2306	ppm	11.17	0.0194	0.1732	11.19	11.16
As1890	189.042 {4	Y_2243	ppm	1.003	0.0119	1.187	1.011	0.9945
B_2496	249.678 {1	Y_3710	ppm	0.9907	0.0002	0.0191	0.9909	0.9906
Ba4554	455.403 { 7	Y_3710	ppm	0.9704	0.0026	0.2634	0.9722	0.9685
Be3130	313.042 {1	Y_3710	ppm	0.4907	0.0012	0.2383	0.4915	0.4899
Ca3158	315.887 {1	In2306	ppm	17.22	0.0497	0.2887	17.25	17.18
Ca3181	318.128 {1	In2306	ppm	17.79	0.2064	1.16	17.94	17.65
Cd2288	228.802 {4	Y_2243	ppm	0.522	0.0056	1.076	0.526	0.5181

Co2286	228.616 {4	In2306	ppm	1.005	0.0099	0.9805	1.012	0.9982
Cr2677	267.716 {1	Y_3600	ppm	1.041	0.0027	0.262	1.043	1.039
Cu3247	324.754 {1	Y_3600	ppm	1.023	0.0007	0.0649	1.024	1.023
Fe2404	240.488 {1	In2306	ppm	10.5	0.0021	0.0202	10.5	10.5
K_7664	766.490 { 4	Y_3710	ppm	10.9	0.0723	0.6633	10.85	10.95
K_7698	769.896 { 4	Y_3710	ppm	11.85	0.07	0.5906	11.8	11.9
Li6707	670.784 { 5	Y_3710	ppm	0.4617	0.0037	0.8011	0.4591	0.4643
Mg2790	279.079 {1	Y_3710	ppm	11.26	0.0493	0.438	11.29	11.22
Mn2576	257.610 {1	Y_3600	ppm	1.016	0.0023	0.224	1.018	1.015
Mn2576-2	257.610 {1	Y_3710	ppm	0.9207	0.0076	0.8263	0.9261	0.9154
Mo2020	202.030 {4	Y_2243	ppm	0.9844	0.0137	1.387	0.994	0.9747
Na5895	589.592 { 5	Y_3710	ppm	11.47	0.0897	0.7821	11.41	11.53
Na8183	818.326 { 4	Y_3710	ppm	11.71	0.0293	0.2506	11.73	11.69
Ni2316	231.604 {4	In2306	ppm	0.936	0.0096	1.029	0.9428	0.9292
P_1782	178.284 {4	In2306	ppm	0.474	0.0019	0.411	0.4754	0.4727
Pb2203	220.353 {4	In2306	ppm	0.9526	0.0076	0.7931	0.9579	0.9472
S_1820	182.034 {4	Y_2243	ppm	-964.6	6.654	0.6899	-969.3	-959.9
Sb2068	206.833 {4	Y_2243	ppm	0.9631	0.0147	1.531	0.9735	0.9527
Se1960	196.090 {4	Y_2243	ppm	0.9905	0.0072	0.7249	0.9956	0.9854
Si2516	251.611 {1	Y_3710	ppm	3.982	0.0193	0.4848	3.968	3.996
Sn1899	189.989 {4	In2306	ppm	0.9328	0.0094	1.007	0.9394	0.9261
Sr4215	421.552 { 8	Y_3710	ppm	0.477	0.001	0.2057	0.4777	0.4763
Ti3349	334.904 {1	Y_3600	ppm	1.023	0.0014	0.1411	1.022	1.024
Tl1908	190.856 {4	In2306	ppm	0.9246	0.0106	1.149	0.9321	0.9171
V_2924	292.402 {1	Y_3600	ppm	0.9969	0.0011	0.1093	0.9961	0.9977
Zn2062	206.200 {4	In2306	ppm	1.008	0.0109	1.08	1.015	0.9999

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	197.58	0.26263	0.13292	197.77	197.4
In2306	230.606 {4	Cts/S	9940.7	7.5474	0.07592	9935.4	9946.1
Y_2243	224.306 {4	Cts/S	12424	13.744	0.11063	12414	12434
Y_3600	360.073 { 9	Cts/S	101650	66.091	0.06502	101600	101690
Y_3710	371.030 { 9	Cts/S	12917	36.942	0.28599	12891	12943

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Custom ID3=
Run Time=1/12/2012 10:46:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.503	0.0031	0.6217	0.5008	0.5052
Al3082	308.215 {1	In2306	ppm	11.08	0.1104	0.9961	11	11.16
As1890	189.042 {4	Y_2243	ppm	0.9978	0.0078	0.7793	1.003	0.9923
B_2496	249.678 {1	Y_3710	ppm	0.9893	0.0003	0.026	0.9894	0.9891
Ba4554	455.403 { 7	Y_3710	ppm	0.9755	0.0009	0.097	0.9762	0.9748
Be3130	313.042 {1	Y_3710	ppm	0.4932	0.0014	0.2869	0.4922	0.4942
Ca3158	315.887 {1	In2306	ppm	16.84	0.1522	0.904	16.73	16.94
Ca3181	318.128 {1	In2306	ppm	17.48	0.1974	1.129	17.34	17.62

Cd2288	228.802 {4	Y_2243	ppm	0.5199	0.0054	1.04	0.5238	0.5161
Co2286	228.616 {4	In2306	ppm	0.9999	0.0065	0.6531	1.005	0.9953
Cr2677	267.716 {1	Y_3600	ppm	1.033	0.0074	0.7163	1.027	1.038
Cu3247	324.754 {1	Y_3600	ppm	1.015	0.0052	0.5111	1.011	1.019
Fe2404	240.488 {1	In2306	ppm	10.29	0.0788	0.7653	10.24	10.35
K_7664	766.490 { 4	Y_3710	ppm	10.98	0.0041	0.0375	10.99	10.98
K_7698	769.896 { 4	Y_3710	ppm	12.07	0.1141	0.9455	12.15	11.99
Li6707	670.784 { 5	Y_3710	ppm	0.4708	0.0008	0.1757	0.4714	0.4702
Mg2790	279.079 {1	Y_3710	ppm	11.25	0.0676	0.6015	11.2	11.29
Mn2576	257.610 {1	Y_3600	ppm	1.001	0.0083	0.8247	0.9949	1.007
Mn2576-2	257.610 {1	Y_3710	ppm	0.9143	0.0026	0.2856	0.9161	0.9124
Mo2020	202.030 {4	Y_2243	ppm	0.9824	0.0097	0.9845	0.9893	0.9756
Na5895	589.592 { 5	Y_3710	ppm	11.62	0.0122	0.1051	11.63	11.61
Na8183	818.326 { 4	Y_3710	ppm	11.72	0.111	0.9474	11.64	11.8
Ni2316	231.604 {4	In2306	ppm	0.9299	0.0052	0.5587	0.9336	0.9262
P_1782	178.284 {4	In2306	ppm	0.4684	0.0004	0.0822	0.4686	0.4681
Pb2203	220.353 {4	In2306	ppm	0.9506	0.0038	0.3972	0.9532	0.9479
S_1820	182.034 {4	Y_2243	ppm	-954.9	10.04	1.051	-962	-947.8
Sb2068	206.833 {4	Y_2243	ppm	0.9787	0.0117	1.199	0.987	0.9704
Se1960	196.090 {4	Y_2243	ppm	0.9837	0.0067	0.6834	0.9884	0.9789
Si2516	251.611 {1	Y_3710	ppm	4.017	0.0171	0.4245	4.005	4.029
Sn1899	189.989 {4	In2306	ppm	0.9306	0.0042	0.4549	0.9336	0.9276
Sr4215	421.552 { 8	Y_3710	ppm	0.4789	0.0002	0.0413	0.4787	0.479
Ti3349	334.904 {1	Y_3600	ppm	1.017	0.0036	0.3529	1.015	1.02
Tl1908	190.856 {4	In2306	ppm	0.9205	0.0095	1.036	0.9272	0.9138
V_2924	292.402 {1	Y_3600	ppm	0.9885	0.0086	0.8738	0.9824	0.9946
Zn2062	206.200 {4	In2306	ppm	1.003	0.002	0.1982	1.005	1.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	198.9	1.7233	0.86643	200.11	197.68
In2306	230.606 {4	Cts/S	9960.1	41.649	0.41816	9930.6	9989.5
Y_2243	224.306 {4	Cts/S	12441	73.488	0.59068	12389	12493
Y_3600	360.073 { 9	Cts/S	102130	836.12	0.81871	102720	101540
Y_3710	371.030 { 9	Cts/S	12797	35.019	0.27366	12821	12772

[Sample Header]
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SampleName=600-48470-A-1-A
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 10:48:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0008	620.6	0.0004	-0.0007
Al3082	308.215 {1	In2306	ppm	1.431	0.0561	3.918	1.471	1.391
As1890	189.042 {4	Y_2243	ppm	0.0094	0.0139	149	-0.0005	0.0192
B_2496	249.678 {1	Y_3710	ppm	0.0169	0.0056	32.94	0.013	0.0209
Ba4554	455.403 { 7	Y_3710	ppm	0.0257	0.0002	0.7509	0.0258	0.0255
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	136.4	0	0.0002
Ca3158	315.887 {1	In2306	ppm	7.525	0.0599	0.7959	7.567	7.483

Ca3181	318.128 {1	In2306	ppm	7.774	0.0488	0.6279	7.809	7.74
Cd2288	228.802 {4	Y_2243	ppm	0.0058	0.0072	124.6	0.0007	0.0109
Co2286	228.616 {4	In2306	ppm	0.0123	0.015	121.9	0.0017	0.0229
Cr2677	267.716 {1	Y_3600	ppm	0.0015	0.0002	11.88	0.0016	0.0014
Cu3247	324.754 {1	Y_3600	ppm	0.0025	0.0001	2.176	0.0025	0.0024
Fe2404	240.488 {1	In2306	ppm	0.693	0.0101	1.463	0.7001	0.6858
K_7664	766.490 { 4	Y_3710	ppm	1.735	0.0003	0.0169	1.735	1.735
K_7698	769.896 { 4	Y_3710	ppm	1.817	0.0113	0.6234	1.825	1.809
Li6707	670.784 { 5	Y_3710	ppm	0.0009	0.0003	38.28	0.0006	0.0011
Mg2790	279.079 {1	Y_3710	ppm	1.196	0.0192	1.607	1.183	1.21
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0.0001	0.6273	0.0101	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0095	0.0007	7.521	0.01	0.009
Mo2020	202.030 {4	Y_2243	ppm	0.0165	0.017	103	0.0045	0.0285
Na5895	589.592 { 5	Y_3710	ppm	1.499	0.0106	0.7053	1.506	1.491
Na8183	818.326 { 4	Y_3710	ppm	1.347	0.1373	10.2	1.25	1.444
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0139	122.7	0.0015	0.0211
P_1782	178.284 {4	In2306	ppm	0.0736	0.0038	5.157	0.071	0.0763
Pb2203	220.353 {4	In2306	ppm	0.0107	0.0118	110.1	0.0024	0.019
S_1820	182.034 {4	Y_2243	ppm	-943.6	4.577	0.485	-946.9	-940.4
Sb2068	206.833 {4	Y_2243	ppm	0.027	0.0154	57.31	0.016	0.0379
Se1960	196.090 {4	Y_2243	ppm	0.0105	0.0113	107.9	0.0025	0.0184
Si2516	251.611 {1	Y_3710	ppm	3.034	0.0054	0.1772	3.03	3.038
Sn1899	189.989 {4	In2306	ppm	0.0145	0.0158	108.5	0.0034	0.0257
Sr4215	421.552 { 8	Y_3710	ppm	0.018	0.0002	1.119	0.0182	0.0179
Ti3349	334.904 {1	Y_3600	ppm	0.0564	0.0014	2.463	0.0574	0.0554
Tl1908	190.856 {4	In2306	ppm	0.0124	0.0137	110.5	0.0027	0.0221
V_2924	292.402 {1	Y_3600	ppm	0.0038	0.0001	3.32	0.0037	0.0039
Zn2062	206.200 {4	In2306	ppm	0.0339	0.0141	41.63	0.024	0.0439

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	199.4	2.906	1.4573	197.35	201.46
In2306	230.606 {4	Cts/S	10503	3.4269	0.03263	10505	10500
Y_2243	224.306 {4	Cts/S	12675	21.29	0.16797	12660	12690
Y_3600	360.073 { 9	Cts/S	104880	359.77	0.34302	104630	105140
Y_3710	371.030 { 9	Cts/S	13102	18.996	0.14498	13089	13116

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Custom ID1=
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Custom ID3=
Run Time=1/12/2012 10:51:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0005	848.6	0.0003	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0868	0.009	10.41	0.0931	0.0804
As1890	189.042 {4	Y_2243	ppm	0.001	0.0002	25.6	0.0008	0.0011
B_2496	249.678 {1	Y_3710	ppm	0.0453	0.0035	7.842	0.0478	0.0428
Ba4554	455.403 { 7	Y_3710	ppm	0.0062	0.0002	2.545	0.006	0.0063
Be3130	313.042 {1	Y_3710	ppm	0	0	16.46	0	0

Ca3158	315.887 {1	In2306	ppm	10.08	0.0241	0.2389	10.1	10.06
Ca3181	318.128 {1	In2306	ppm	10.4	0.0092	0.0881	10.39	10.4
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	195	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0.0002	41.54	0.0003	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0001	4.656	0.002	0.0018
Cu3247	324.754 {1	Y_3600	ppm	0.0017	0.0003	16.61	0.0019	0.0015
Fe2404	240.488 {1	In2306	ppm	0.1362	0.0065	4.787	0.1316	0.1408
K_7664	766.490 { 4	Y_3710	ppm	1.508	0.0039	0.2566	1.505	1.51
K_7698	769.896 { 4	Y_3710	ppm	1.678	0.0078	0.4673	1.672	1.683
Li6707	670.784 { 5	Y_3710	ppm	0.0022	0.0002	9.021	0.0024	0.0021
Mg2790	279.079 {1	Y_3710	ppm	1.463	0.0123	0.8415	1.471	1.454
Mn2576	257.610 {1	Y_3600	ppm	0.0218	0.0001	0.6223	0.0217	0.0219
Mn2576-2	257.610 {1	Y_3710	ppm	0.0197	0.0002	1.249	0.0195	0.0198
Mo2020	202.030 {4	Y_2243	ppm	0.0874	0.0001	0.1249	0.0875	0.0873
Na5895	589.592 { 5	Y_3710	ppm	519.8	16.24	3.124	508.3	531.3
Na8183	818.326 { 4	Y_3710	ppm	635.6	5.435	0.8551	631.8	639.5
Ni2316	231.604 {4	In2306	ppm	0.0079	0.0002	2.982	0.0081	0.0078
P_1782	178.284 {4	In2306	ppm	0.0477	0.0013	2.774	0.0468	0.0487
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0009	134	-0.0013	0
S_1820	182.034 {4	Y_2243	ppm	-125500	218.4	0.174	-125600	-125300
Sb2068	206.833 {4	Y_2243	ppm	0.006	0.0007	12.39	0.0055	0.0065
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0002	16.51	0.0017	0.0013
Si2516	251.611 {1	Y_3710	ppm	0.7096	0.0175	2.47	0.6973	0.722
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0002	119	0	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0651	0.0003	0.4167	0.0649	0.0653
Ti3349	334.904 {1	Y_3600	ppm	0.0012	0.0001	4.846	0.0012	0.0012
Tl1908	190.856 {4	In2306	ppm	-0.0016	0.0011	68.17	-0.0024	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0011	0.0005	45.28	0.0007	0.0014
Zn2062	206.200 {4	In2306	ppm	0.0124	0.0003	2.524	0.0122	0.0126

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	198.79	0.03268	0.01644	198.81	198.76
In2306	230.606 {4	Cts/S	8544	9.4942	0.11112	8550.8	8537.3
Y_2243	224.306 {4	Cts/S	11467	5.3732	0.04686	11471	11463
Y_3600	360.073 { 9	Cts/S	88833	231.53	0.26063	88669	88997
Y_3710	371.030 { 9	Cts/S	12982	56.835	0.43779	13022	12942

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2546	0.0038	1.488	0.2519	0.2573
Al3082	308.215 {1	In2306	ppm	2.479	0.0612	2.467	2.522	2.436
As1890	189.042 {4	Y_2243	ppm	0.5111	0.001	0.1943	0.5104	0.5118
B_2496	249.678 {1	Y_3710	ppm	0.4953	0.0024	0.4844	0.497	0.4936
Ba4554	455.403 { 7	Y_3710	ppm	0.4826	0.0013	0.2637	0.4817	0.4835

Be3130	313.042 {1	Y_3710	ppm	0.5026	0.0036	0.7203	0.5001	0.5052
Ca3158	315.887 {1	In2306	ppm	12.56	0.1794	1.428	12.69	12.44
Ca3181	318.128 {1	In2306	ppm	12.96	0.3224	2.487	13.19	12.73
Cd2288	228.802 {4	Y_2243	ppm	0.5362	0.0013	0.2423	0.5353	0.5372
Co2286	228.616 {4	In2306	ppm	0.5141	0.0002	0.0467	0.514	0.5143
Cr2677	267.716 {1	Y_3600	ppm	0.5315	0.0042	0.7978	0.5285	0.5345
Cu3247	324.754 {1	Y_3600	ppm	0.5145	0.0088	1.703	0.5083	0.5207
Fe2404	240.488 {1	In2306	ppm	2.544	0.0293	1.153	2.565	2.523
K_7664	766.490 { 4	Y_3710	ppm	11.27	0.1276	1.132	11.18	11.36
K_7698	769.896 { 4	Y_3710	ppm	12.32	0.1295	1.051	12.23	12.41
Li6707	670.784 { 5	Y_3710	ppm	0.4593	0.0037	0.8028	0.4567	0.4619
Mg2790	279.079 {1	Y_3710	ppm	5.151	0.0114	0.2208	5.159	5.143
Mn2576	257.610 {1	Y_3600	ppm	0.5137	0.0073	1.422	0.5086	0.5189
Mn2576-2	257.610 {1	Y_3710	ppm	0.4672	0.0025	0.5414	0.4654	0.469
Mo2020	202.030 {4	Y_2243	ppm	0.5084	0.0005	0.1011	0.508	0.5087
Na5895	589.592 { 5	Y_3710	ppm	12.04	0.06	0.4988	12	12.08
Na8183	818.326 { 4	Y_3710	ppm	12.22	0.0364	0.2981	12.2	12.25
Ni2316	231.604 {4	In2306	ppm	0.479	0.0008	0.1734	0.4796	0.4784
P_1782	178.284 {4	In2306	ppm	-0.0002	0	7.306	-0.0003	-0.0002
Pb2203	220.353 {4	In2306	ppm	0.4873	0.002	0.4029	0.4886	0.4859
S_1820	182.034 {4	Y_2243	ppm	-295.2	10.86	3.678	-287.5	-302.8
Sb2068	206.833 {4	Y_2243	ppm	0.5003	0.001	0.2032	0.4996	0.501
Se1960	196.090 {4	Y_2243	ppm	0.5075	0.0023	0.4507	0.5059	0.5091
Si2516	251.611 {1	Y_3710	ppm	0.7948	0.0111	1.395	0.787	0.8027
Sn1899	189.989 {4	In2306	ppm	0.4797	0.0001	0.0228	0.4798	0.4796
Sr4215	421.552 { 8	Y_3710	ppm	0.2383	0.0001	0.0238	0.2383	0.2384
Ti3349	334.904 {1	Y_3600	ppm	0.51	0.0046	0.9011	0.5068	0.5133
Tl1908	190.856 {4	In2306	ppm	0.4753	0.0015	0.3083	0.4743	0.4764
V_2924	292.402 {1	Y_3600	ppm	0.505	0.0013	0.2611	0.5041	0.506
Zn2062	206.200 {4	In2306	ppm	0.5081	0.0001	0.0101	0.5081	0.508

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	194.59	2.6654	1.3697	192.71	196.48
In2306	230.606 {4	Cts/S	10095	33.181	0.32869	10118	10072
Y_2243	224.306 {4	Cts/S	12469	53.334	0.42775	12506	12431
Y_3600	360.073 { 9	Cts/S	102300	1083.6	1.0592	103070	101540
Y_3710	371.030 { 9	Cts/S	12934	55.449	0.42869	12974	12895

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0	0.6803	0.0048	0.0048
Al3082	308.215 {1	In2306	ppm	0.1084	0.0299	27.61	0.0872	0.1295
As1890	189.042 {4	Y_2243	ppm	0.01	0.0013	12.85	0.0091	0.0109
B_2496	249.678 {1	Y_3710	ppm	0.0119	0.0025	20.86	0.0137	0.0102

Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0002	1.525	0.0099	0.0101
Be3130	313.042 {1	Y_3710	ppm	0.0049	0	0.3937	0.0049	0.005
Ca3158	315.887 {1	In2306	ppm	0.0907	0.01	11.01	0.0977	0.0836
Ca3181	318.128 {1	In2306	ppm	0.0847	0.0089	10.52	0.091	0.0784
Cd2288	228.802 {4	Y_2243	ppm	0.0061	0.0012	18.77	0.0053	0.007
Co2286	228.616 {4	In2306	ppm	0.0108	0.0011	10.35	0.01	0.0116
Cr2677	267.716 {1	Y_3600	ppm	0.0111	0.0003	2.376	0.0109	0.0112
Cu3247	324.754 {1	Y_3600	ppm	0.0095	0.0003	3.552	0.0097	0.0092
Fe2404	240.488 {1	In2306	ppm	0.0958	0.0012	1.214	0.095	0.0966
K_7664	766.490 { 4	Y_3710	ppm	0.5394	0.0143	2.645	0.5495	0.5293
K_7698	769.896 { 4	Y_3710	ppm	0.6058	0.0458	7.556	0.5734	0.6381
Li6707	670.784 { 5	Y_3710	ppm	0.0087	0.0001	0.9652	0.0088	0.0087
Mg2790	279.079 {1	Y_3710	ppm	0.0803	0.0076	9.42	0.0857	0.075
Mn2576	257.610 {1	Y_3600	ppm	0.0106	0.0001	0.5437	0.0107	0.0106
Mn2576-2	257.610 {1	Y_3710	ppm	0.0095	0.0005	4.888	0.0092	0.0098
Mo2020	202.030 {4	Y_2243	ppm	0.0122	0.0021	17.06	0.0107	0.0137
Na5895	589.592 { 5	Y_3710	ppm	0.5977	0.0043	0.7239	0.6008	0.5946
Na8183	818.326 { 4	Y_3710	ppm	0.797	0.0344	4.314	0.8213	0.7727
Ni2316	231.604 {4	In2306	ppm	0.01	0.001	9.959	0.0093	0.0107
P_1782	178.284 {4	In2306	ppm	0.0086	0.0002	2.772	0.0088	0.0085
Pb2203	220.353 {4	In2306	ppm	0.0101	0.0016	16.26	0.0089	0.0112
S_1820	182.034 {4	Y_2243	ppm	-8.317	0.4621	5.556	-8.644	-7.991
Sb2068	206.833 {4	Y_2243	ppm	0.0174	0.001	5.941	0.0167	0.0181
Se1960	196.090 {4	Y_2243	ppm	0.0126	0.0002	1.936	0.0124	0.0128
Si2516	251.611 {1	Y_3710	ppm	0.0091	0.0058	63.44	0.0132	0.005
Sn1899	189.989 {4	In2306	ppm	0.0106	0.0016	15.32	0.0095	0.0118
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0.0001	2.105	0.0045	0.0047
Ti3349	334.904 {1	Y_3600	ppm	0.0103	0	0.1696	0.0103	0.0103
Tl1908	190.856 {4	In2306	ppm	0.0095	0.0012	12.18	0.0087	0.0104
V_2924	292.402 {1	Y_3600	ppm	0.0107	0.0006	5.43	0.0103	0.0111
Zn2062	206.200 {4	In2306	ppm	0.0108	0.0011	9.771	0.0101	0.0116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	202.38	0.55083	0.27218	202.77	201.99
In2306	230.606 {4	Cts/S	10672	22.347	0.20939	10657	10688
Y_2243	224.306 {4	Cts/S	12717	3.5559	0.02796	12715	12720
Y_3600	360.073 { 9	Cts/S	103800	106.88	0.10296	103880	103720
Y_3710	371.030 { 9	Cts/S	13152	41.215	0.31336	13181	13123

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Sample Type=Unk
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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0005	448.7	-0.0004	0.0002
Al3082	308.215 {1	In2306	ppm	0.026	0.0287	110.6	0.0057	0.0462
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0009	668.3	-0.0005	0.0008

B_2496	249.678 {1	Y_3710	ppm	0.0016	0.0009	57.56	0.0023	0.001
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0	1.434	0.0003	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	324.6	0	0
Ca3158	315.887 {1	In2306	ppm	-0.003	0.0082	272.7	-0.0088	0.0028
Ca3181	318.128 {1	In2306	ppm	-0.0605	0.0322	53.28	-0.0377	-0.0833
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	66.44	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0	0.0001	907.6	-0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0	7.071	0.0005	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0007	0.0001	14.12	-0.0006	-0.0008
Fe2404	240.488 {1	In2306	ppm	-0.0004	0.0058	1300	-0.0045	0.0036
K_7664	766.490 { 4	Y_3710	ppm	0.0137	0.0128	93.35	0.0047	0.0228
K_7698	769.896 { 4	Y_3710	ppm	-0.0204	0.0385	188.9	0.0069	-0.0477
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0004	110.5	-0.0006	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0072	0.0132	183.7	0.0165	-0.0021
Mn2576	257.610 {1	Y_3600	ppm	0	0	185.1	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0006	0.0003	57.03	0.0003	0.0008
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	224.7	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0306	0.0059	19.3	0.0348	0.0264
Na8183	818.326 { 4	Y_3710	ppm	0.5293	0.0043	0.8174	0.5263	0.5324
Ni2316	231.604 {4	In2306	ppm	-0.0004	0.0001	28.48	-0.0003	-0.0005
P_1782	178.284 {4	In2306	ppm	0.0003	0.0002	62.41	0.0004	0.0002
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0002	108.4	0.0003	0
S_1820	182.034 {4	Y_2243	ppm	-4.422	0.7531	17.03	-3.889	-4.954
Sb2068	206.833 {4	Y_2243	ppm	0.0026	0.0021	81.01	0.0041	0.0011
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0002	38.39	0.0008	0.0004
Si2516	251.611 {1	Y_3710	ppm	-0.0044	0.0014	31.11	-0.0053	-0.0034
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	88.91	0.0001	0
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	26.57	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0	19.55	0.0001	0.0001
Tl1908	190.856 {4	In2306	ppm	-0.0021	0.0012	58.48	-0.003	-0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0006	131.7	0	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0001	0	36.53	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	201.75	1.4161	0.70193	202.75	200.75
In2306	230.606 {4	Cts/S	10701	2.3347	0.02182	10702	10699
Y_2243	224.306 {4	Cts/S	12698	8.4977	0.06692	12692	12704
Y_3600	360.073 { 9	Cts/S	104210	124.14	0.11912	104300	104130
Y_3710	371.030 { 9	Cts/S	13124	17.035	0.1298	13136	13112

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0004	3081	-0.0003	0.0003
Al3082	308.215 {1	In2306	ppm	0.0044	0.0265	601.5	0.0232	-0.0143

As1890	189.042 {4	Y_2243	ppm	-0.0005	0.0005	102.4	-0.0001	-0.0008
B_2496	249.678 {1	Y_3710	ppm	0.1605	0.0015	0.9313	0.1595	0.1616
Ba4554	455.403 { 7	Y_3710	ppm	0.007	0.0001	0.8089	0.007	0.0071
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	136.5	0.0002	0
Ca3158	315.887 {1	In2306	ppm	3.525	0.0494	1.402	3.49	3.56
Ca3181	318.128 {1	In2306	ppm	3.586	0.0051	0.1422	3.582	3.59
Cd2288	228.802 {4	Y_2243	ppm	0	0	97.81	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	318.8	0.0001	0
Cr2677	267.716 {1	Y_3600	ppm	0.0052	0.0002	4.639	0.0053	0.005
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0.0004	18.08	0.002	0.0026
Fe2404	240.488 {1	In2306	ppm	0.0161	0.0078	48.51	0.0216	0.0105
K_7664	766.490 { 4	Y_3710	ppm	2.867	0.0026	0.0922	2.865	2.868
K_7698	769.896 { 4	Y_3710	ppm	3.187	0.0161	0.5066	3.198	3.175
Li6707	670.784 { 5	Y_3710	ppm	0.0017	0.0003	19.2	0.0019	0.0015
Mg2790	279.079 {1	Y_3710	ppm	0.4747	0.0154	3.241	0.4639	0.4856
Mn2576	257.610 {1	Y_3600	ppm	0.0385	0.0001	0.2838	0.0386	0.0384
Mn2576-2	257.610 {1	Y_3710	ppm	0.0337	0.0002	0.4996	0.0336	0.0338
Mo2020	202.030 {4	Y_2243	ppm	0.5524	0.0005	0.0942	0.5528	0.552
Na5895	589.592 { 5	Y_3710	ppm	1237	17.9	1.447	1249	1224
Na8183	818.326 { 4	Y_3710	ppm	1827	4.831	0.2644	1824	1831
Ni2316	231.604 {4	In2306	ppm	0.0363	0.0003	0.8169	0.0365	0.0361
P_1782	178.284 {4	In2306	ppm	0.0131	0.0015	11.69	0.012	0.0141
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0008	88.71	0.0004	0.0015
S_1820	182.034 {4	Y_2243	ppm	-293800	154.5	0.0526	-293700	-293900
Sb2068	206.833 {4	Y_2243	ppm	0.0016	0.0006	37.03	0.002	0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0027	0.001	37.44	0.0034	0.002
Si2516	251.611 {1	Y_3710	ppm	0.3152	0.0113	3.599	0.3071	0.3232
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0001	23.36	-0.0006	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.021	0	0.1513	0.021	0.021
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0002	59.7	-0.0004	-0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0021	0.0008	37.22	-0.0016	-0.0027
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0001	5.742	0.0009	0.0008
Zn2062	206.200 {4	In2306	ppm	0.0208	0.0001	0.3982	0.0208	0.0209

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	192.35	2.4363	1.2666	194.07	190.63
In2306	230.606 {4	Cts/S	7633.2	20.109	0.26344	7647.4	7619
Y_2243	224.306 {4	Cts/S	10680	12.895	0.12073	10689	10671
Y_3600	360.073 { 9	Cts/S	80919	104.51	0.12916	80993	80845
Y_3710	371.030 { 9	Cts/S	12900	61.517	0.47686	12944	12857

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0002	119.8	0.0003	0

Al3082	308.215 {1	In2306	ppm	0.0878	0.0575	65.53	0.0471	0.1284
As1890	189.042 {4	Y_2243	ppm	0.0002	0.001	388.7	-0.0004	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0267	0.0038	14.09	0.0294	0.0241
Ba4554	455.403 { 7	Y_3710	ppm	0.0086	0	0.5492	0.0085	0.0086
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	43.24	0.0001	0
Ca3158	315.887 {1	In2306	ppm	7.072	0.0308	0.4348	7.05	7.094
Ca3181	318.128 {1	In2306	ppm	7.267	0.0268	0.3682	7.286	7.248
Cd2288	228.802 {4	Y_2243	ppm	0	0	59.32	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	89.63	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0012	0.0002	18.4	0.0013	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0028	0.0002	7.99	0.0029	0.0026
Fe2404	240.488 {1	In2306	ppm	0.1293	0.0033	2.548	0.1316	0.127
K_7664	766.490 { 4	Y_3710	ppm	0.9736	0.0047	0.485	0.9769	0.9702
K_7698	769.896 { 4	Y_3710	ppm	1.052	0.0058	0.5508	1.048	1.056
Li6707	670.784 { 5	Y_3710	ppm	0.0021	0.0002	8.883	0.0023	0.002
Mg2790	279.079 {1	Y_3710	ppm	0.8766	0.0314	3.585	0.8544	0.8988
Mn2576	257.610 {1	Y_3600	ppm	0.0193	0.0001	0.4037	0.0192	0.0193
Mn2576-2	257.610 {1	Y_3710	ppm	0.0177	0.0006	3.477	0.0181	0.0172
Mo2020	202.030 {4	Y_2243	ppm	0.0596	0.0198	33.14	0.0456	0.0736
Na5895	589.592 { 5	Y_3710	ppm	338.6	8.611	2.543	332.5	344.7
Na8183	818.326 { 4	Y_3710	ppm	392.3	0.9203	0.2346	391.7	393
Ni2316	231.604 {4	In2306	ppm	0.0047	0.001	21.19	0.004	0.0053
P_1782	178.284 {4	In2306	ppm	0.0292	0.0008	2.585	0.0286	0.0297
Pb2203	220.353 {4	In2306	ppm	0.001	0.0005	47.35	0.0013	0.0007
S_1820	182.034 {4	Y_2243	ppm	-84300	7172	8.507	-79230	-89370
Sb2068	206.833 {4	Y_2243	ppm	0.0008	0.0007	84.79	0.0013	0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0005	58.16	0.0005	0.0012
Si2516	251.611 {1	Y_3710	ppm	0.4609	0.0008	0.1725	0.4603	0.4614
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0002	41.28	0.0003	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0422	0.0001	0.1541	0.0422	0.0423
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0002	28.83	0.0006	0.0009
Tl1908	190.856 {4	In2306	ppm	-0.0022	0.0008	37.86	-0.0016	-0.0028
V_2924	292.402 {1	Y_3600	ppm	0.0017	0	2.106	0.0017	0.0017
Zn2062	206.200 {4	In2306	ppm	0.0463	0.0016	3.552	0.0475	0.0451

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	196.56	1.4421	0.73365	197.58	195.54
In2306	230.606 {4	Cts/S	8877.2	22.564	0.25418	8893.1	8861.2
Y_2243	224.306 {4	Cts/S	11692	2.3859	0.02041	11693	11690
Y_3600	360.073 { 9	Cts/S	92094	278.85	0.30278	92291	91897
Y_3710	371.030 { 9	Cts/S	13076	85.881	0.65678	13015	13137

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	64.49	0.0001	0.0002
Al3082	308.215 {1	In2306	ppm	0.025	0.0018	7.042	0.0238	0.0262
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0012	126.8	0.0018	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.1291	0.0094	7.297	0.1358	0.1224
Ba4554	455.403 { 7	Y_3710	ppm	0.0077	0.0001	1.91	0.0076	0.0078
Be3130	313.042 {1	Y_3710	ppm	0	0	51.21	0	0
Ca3158	315.887 {1	In2306	ppm	4.108	0.004	0.0978	4.105	4.111
Ca3181	318.128 {1	In2306	ppm	4.222	0.0466	1.103	4.189	4.255
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	16430	0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	-0.0002	0.0001	67.15	-0.0001	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0014	0.0002	11.86	0.0016	0.0013
Cu3247	324.754 {1	Y_3600	ppm	0.0012	0.0004	36.15	0.0014	0.0009
Fe2404	240.488 {1	In2306	ppm	0.0138	0.009	65.14	0.0074	0.0202
K_7664	766.490 { 4	Y_3710	ppm	2.629	0.0433	1.647	2.599	2.66
K_7698	769.896 { 4	Y_3710	ppm	2.962	0.0098	0.331	2.955	2.969
Li6707	670.784 { 5	Y_3710	ppm	0.0024	0.0003	13.1	0.0026	0.0022
Mg2790	279.079 {1	Y_3710	ppm	0.4978	0.0013	0.2627	0.4968	0.4987
Mn2576	257.610 {1	Y_3600	ppm	0.0465	0	0.0551	0.0465	0.0465
Mn2576-2	257.610 {1	Y_3710	ppm	0.0398	0.0001	0.3293	0.0397	0.0398
Mo2020	202.030 {4	Y_2243	ppm	0.463	0.0068	1.469	0.4678	0.4582
Na5895	589.592 { 5	Y_3710	ppm	1270	15.36	1.21	1280	1259
Na8183	818.326 { 4	Y_3710	ppm	1873	17.49	0.9337	1860	1885
Ni2316	231.604 {4	In2306	ppm	0.0304	0.0007	2.287	0.0309	0.0299
P_1782	178.284 {4	In2306	ppm	0.0119	0.0005	4.462	0.0123	0.0115
Pb2203	220.353 {4	In2306	ppm	-0.0006	0.0003	40.06	-0.0008	-0.0005
S_1820	182.034 {4	Y_2243	ppm	-294100	788.6	0.2681	-294600	-293500
Sb2068	206.833 {4	Y_2243	ppm	-0.0003	0.0014	456.4	-0.0013	0.0007
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0002	6.304	0.0032	0.0035
Si2516	251.611 {1	Y_3710	ppm	0.2686	0.0092	3.426	0.2621	0.2751
Sn1899	189.989 {4	In2306	ppm	-0.0003	0	0.2591	-0.0003	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.023	0.0001	0.633	0.0229	0.0231
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0001	146.7	0	-0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0019	0.0006	33.58	-0.0014	-0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0006	0.0004	67.61	0.0003	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0356	0	0.1322	0.0356	0.0356

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	193.03	1.4907	0.77229	194.08	191.97
In2306	230.606 {4	Cts/S	7593.6	15.518	0.20435	7582.6	7604.6
Y_2243	224.306 {4	Cts/S	10561	33.625	0.31838	10537	10585
Y_3600	360.073 { 9	Cts/S	80484	17.66	0.02194	80471	80496
Y_3710	371.030 { 9	Cts/S	12771	1.2121	0.00949	12771	12770

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Custom ID3=
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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0001	426.7	0.0001	-0.0001
Al3082	308.215	{1	In2306	ppm	0.0708	0.0017	2.417	0.0721	0.0696
As1890	189.042	{4	Y_2243	ppm	0.002	0.0003	16.45	0.0018	0.0023
B_2496	249.678	{1	Y_3710	ppm	0.6013	0.0079	1.32	0.607	0.5957
Ba4554	455.403	{ 7	Y_3710	ppm	0.0878	0.0001	0.0969	0.0878	0.0877
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0	32.32	-0.0001	-0.0001
Ca3158	315.887	{1	In2306	ppm	22.86	0.2441	1.068	23.03	22.68
Ca3181	318.128	{1	In2306	ppm	23.58	0.0631	0.2676	23.63	23.54
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0	61.48	0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0001	0	35.04	0.0001	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0009	0	1.86	0.0009	0.0009
Cu3247	324.754	{1	Y_3600	ppm	0.0263	0.0007	2.79	0.0268	0.0258
Fe2404	240.488	{1	In2306	ppm	0.0329	0.0033	10.15	0.0305	0.0353
K_7664	766.490	{ 4	Y_3710	ppm	11.86	0.0946	0.7978	11.92	11.79
K_7698	769.896	{ 4	Y_3710	ppm	13.09	0.0554	0.4228	13.13	13.06
Li6707	670.784	{ 5	Y_3710	ppm	0.0235	0	0.0169	0.0235	0.0235
Mg2790	279.079	{1	Y_3710	ppm	6.455	0.0378	0.5853	6.481	6.428
Mn2576	257.610	{1	Y_3600	ppm	0.0049	0	0.3632	0.0049	0.0049
Mn2576-2	257.610	{1	Y_3710	ppm	0.0046	0.0004	8.367	0.0049	0.0043
Mo2020	202.030	{4	Y_2243	ppm	0.0091	0.0063	69.11	0.0047	0.0136
Na5895	589.592	{ 5	Y_3710	ppm	147.5	4.066	2.757	144.6	150.3
Na8183	818.326	{ 4	Y_3710	ppm	163.7	0.9486	0.5794	164.4	163.1
Ni2316	231.604	{4	In2306	ppm	0.0001	0.0002	261.2	-0.0001	0.0003
P_1782	178.284	{4	In2306	ppm	4.351	0.0476	1.093	4.385	4.318
Pb2203	220.353	{4	In2306	ppm	0.0002	0.0004	177.7	-0.0001	0.0005
S_1820	182.034	{4	Y_2243	ppm	^ *****	-----	-----	-3909	^ -----
Sb2068	206.833	{4	Y_2243	ppm	-0.0001	0.0008	597.6	0.0004	-0.0007
Se1960	196.090	{4	Y_2243	ppm	0.0024	0.0002	9.776	0.0026	0.0022
Si2516	251.611	{1	Y_3710	ppm	6.595	0.0223	0.3385	6.61	6.579
Sn1899	189.989	{4	In2306	ppm	0.0005	0.0001	21.47	0.0005	0.0004
Sr4215	421.552	{ 8	Y_3710	ppm	0.4303	0.0017	0.4062	0.4315	0.429
Ti3349	334.904	{1	Y_3600	ppm	0	0.0003	1101	-0.0002	0.0002
Tl1908	190.856	{4	In2306	ppm	-0.0021	0.0001	5.357	-0.002	-0.0022
V_2924	292.402	{1	Y_3600	ppm	0.0007	0	1.259	0.0006	0.0007
Zn2062	206.200	{4	In2306	ppm	0.0876	0.0006	0.6789	0.088	0.0872

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	193.33	2.1387	1.1063	191.81	194.84
In2306	230.606	{4	Cts/S	9276.6	4.332	0.0467	9279.6	9273.5
Y_2243	224.306	{4	Cts/S	11887	1.484	0.01248	11888	11886
Y_3600	360.073	{ 9	Cts/S	95922	154.8	0.16138	95813	96032
Y_3710	371.030	{ 9	Cts/S	13001	29.852	0.22962	12979	13022

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.0008	173.5	-0.0001	0.001
Al3082	308.215	{1	In2306	ppm	0.5596	0.0022	0.3863	0.5581	0.5611
As1890	189.042	{4	Y_2243	ppm	0.0015	0.0011	76.72	0.0023	0.0007
B_2496	249.678	{1	Y_3710	ppm	0.4713	0.0005	0.1048	0.4717	0.471
Ba4554	455.403	{ 7	Y_3710	ppm	0.1759	0.0013	0.7603	0.1769	0.175
Be3130	313.042	{1	Y_3710	ppm	0	0	1276	0	0
Ca3158	315.887	{1	In2306	ppm	28.14	0.3349	1.19	28.38	27.9
Ca3181	318.128	{1	In2306	ppm	29.04	0.4031	1.388	29.32	28.75
Cd2288	228.802	{4	Y_2243	ppm	0	0.0001	324.1	0	-0.0001
Co2286	228.616	{4	In2306	ppm	0	0.0003	563.6	0.0002	-0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0015	0	3.025	0.0015	0.0014
Cu3247	324.754	{1	Y_3600	ppm	0.1476	0.0031	2.071	0.1497	0.1454
Fe2404	240.488	{1	In2306	ppm	0.4238	0.0019	0.4509	0.4252	0.4225
K_7664	766.490	{ 4	Y_3710	ppm	11.83	0.1548	1.309	11.93	11.72
K_7698	769.896	{ 4	Y_3710	ppm	13.06	0.114	0.8727	13.14	12.98
Li6707	670.784	{ 5	Y_3710	ppm	0.0278	0.001	3.419	0.0285	0.0272
Mg2790	279.079	{1	Y_3710	ppm	8.079	0.0954	1.18	8.147	8.012
Mn2576	257.610	{1	Y_3600	ppm	0.0255	0.0005	1.835	0.0259	0.0252
Mn2576-2	257.610	{1	Y_3710	ppm	0.0221	0.0006	2.91	0.0226	0.0217
Mo2020	202.030	{4	Y_2243	ppm	0.0044	0.0013	30.46	0.0035	0.0054
Na5895	589.592	{ 5	Y_3710	ppm	187.3	4.024	2.148	190.2	184.5
Na8183	818.326	{ 4	Y_3710	ppm	202.5	1.809	0.8934	203.8	201.3
Ni2316	231.604	{4	In2306	ppm	0.0002	0.0003	161.6	0.0004	0
P_1782	178.284	{4	In2306	ppm	6.364	0.0474	0.7444	6.397	6.33
Pb2203	220.353	{4	In2306	ppm	0.0004	0	1.297	0.0004	0.0004
S_1820	182.034	{4	Y_2243	ppm	-3465	959.1	27.68	-2787	-4143
Sb2068	206.833	{4	Y_2243	ppm	-0.0003	0.0002	61.32	-0.0002	-0.0005
Se1960	196.090	{4	Y_2243	ppm	0.0016	0.0006	40.03	0.002	0.0011
Si2516	251.611	{1	Y_3710	ppm	7.591	0.0679	0.8947	7.639	7.543
Sn1899	189.989	{4	In2306	ppm	0.0021	0.0004	21.21	0.0018	0.0024
Sr4215	421.552	{ 8	Y_3710	ppm	0.5638	0.0062	1.096	0.5682	0.5594
Ti3349	334.904	{1	Y_3600	ppm	0.0026	0.0002	6.98	0.0025	0.0027
Tl1908	190.856	{4	In2306	ppm	-0.001	0.0006	60.94	-0.0014	-0.0005
V_2924	292.402	{1	Y_3600	ppm	0.0004	0.0004	111.6	0.0007	0.0001
Zn2062	206.200	{4	In2306	ppm	0.1099	0.0001	0.0997	0.11	0.1099

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	190.52	2.4669	1.2948	188.78	192.27
In2306	230.606	{4	Cts/S	9021.1	55.15	0.61134	9060.1	8982.1
Y_2243	224.306	{4	Cts/S	11527	37.254	0.32319	11553	11501
Y_3600	360.073	{ 9	Cts/S	93287	1576.4	1.6899	92173	94402
Y_3710	371.030	{ 9	Cts/S	12842	84.004	0.65413	12783	12902

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SampleName=600-48539-B-1-A
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 11:17:00
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0003	1518	0.0002	-0.0002
Al3082	308.215	{1	In2306	ppm	0.3559	0.0142	3.986	0.366	0.3459
As1890	189.042	{4	Y_2243	ppm	0.0167	0.0006	3.371	0.0163	0.0171
B_2496	249.678	{1	Y_3710	ppm	0.2475	0.0038	1.519	0.2448	0.2501
Ba4554	455.403	{ 7	Y_3710	ppm	0.0297	0	0.0228	0.0297	0.0297
Be3130	313.042	{1	Y_3710	ppm	0	0	49.94	-0.0001	0
Ca3158	315.887	{1	In2306	ppm	23.89	0.3005	1.258	23.68	24.1
Ca3181	318.128	{1	In2306	ppm	24.93	0.3252	1.304	24.7	25.16
Cd2288	228.802	{4	Y_2243	ppm	0	0	422.6	0	0
Co2286	228.616	{4	In2306	ppm	0.0003	0.0001	30.83	0.0004	0.0003
Cr2677	267.716	{1	Y_3600	ppm	0.0071	0.0001	0.9777	0.0072	0.0071
Cu3247	324.754	{1	Y_3600	ppm	0.0084	0.0002	2.183	0.0085	0.0082
Fe2404	240.488	{1	In2306	ppm	1.427	0.0063	0.4436	1.422	1.431
K_7664	766.490	{ 4	Y_3710	ppm	7.236	0.0547	0.7553	7.198	7.275
K_7698	769.896	{ 4	Y_3710	ppm	7.957	0.043	0.5399	7.927	7.987
Li6707	670.784	{ 5	Y_3710	ppm	0.0084	0.0002	2.816	0.0082	0.0086
Mg2790	279.079	{1	Y_3710	ppm	2.746	0.0269	0.9799	2.727	2.765
Mn2576	257.610	{1	Y_3600	ppm	0.0531	0	0.0789	0.0531	0.0531
Mn2576-2	257.610	{1	Y_3710	ppm	0.0473	0.0007	1.408	0.0478	0.0468
Mo2020	202.030	{4	Y_2243	ppm	0.0052	0.0001	1.92	0.0053	0.0052
Na5895	589.592	{ 5	Y_3710	ppm	76.59	0.1151	0.1502	76.51	76.67
Na8183	818.326	{ 4	Y_3710	ppm	78.1	0.3739	0.4787	77.83	78.36
Ni2316	231.604	{4	In2306	ppm	0.0002	0.0004	235.9	0.0005	-0.0001
P_1782	178.284	{4	In2306	ppm	1.875	0.0449	2.394	1.843	1.907
Pb2203	220.353	{4	In2306	ppm	0.0009	0.0011	114.7	0.0017	0.0002
S_1820	182.034	{4	Y_2243	ppm	-14190	69.95	0.4929	-14240	-14140
Sb2068	206.833	{4	Y_2243	ppm	0.0195	0.0022	11.44	0.0211	0.0179
Se1960	196.090	{4	Y_2243	ppm	0.0016	0.0002	15.59	0.0017	0.0014
Si2516	251.611	{1	Y_3710	ppm	3.861	0.0627	1.624	3.817	3.905
Sn1899	189.989	{4	In2306	ppm	0.0001	0.0001	148.1	0	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	0.0926	0.0007	0.7737	0.0921	0.0931
Ti3349	334.904	{1	Y_3600	ppm	0.0103	0.0009	9.038	0.0096	0.0109
Tl1908	190.856	{4	In2306	ppm	-0.002	0.001	49.58	-0.0013	-0.0027
V_2924	292.402	{1	Y_3600	ppm	0.0019	0.0003	13.01	0.0021	0.0018
Zn2062	206.200	{4	In2306	ppm	0.1216	0.0009	0.7571	0.1222	0.1209

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	196.79	2.9531	1.5006	198.88	194.7
In2306	230.606	{4	Cts/S	9676.1	35.757	0.36954	9701.4	9650.8
Y_2243	224.306	{4	Cts/S	12082	6.3254	0.05236	12086	12077
Y_3600	360.073	{ 9	Cts/S	98224	48.236	0.04911	98189	98258
Y_3710	371.030	{ 9	Cts/S	12919	29.806	0.23072	12940	12898

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Custom ID2=
Custom ID3=
Run Time=1/12/2012 11:19:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.0004	373.3	-0.0002	0.0004
Al3082	308.215	{1	In2306	ppm	0.4785	0.0128	2.674	0.4694	0.4875
As1890	189.042	{4	Y_2243	ppm	0.0023	0.0001	3.972	0.0022	0.0024
B_2496	249.678	{1	Y_3710	ppm	0.2498	0.0047	1.871	0.2465	0.2531
Ba4554	455.403	{ 7	Y_3710	ppm	0.0721	0.0004	0.503	0.0718	0.0723
Be3130	313.042	{1	Y_3710	ppm	0	0.0001	162.1	0.0001	0
Ca3158	315.887	{1	In2306	ppm	32.51	0.0647	0.199	32.47	32.56
Ca3181	318.128	{1	In2306	ppm	33.67	0.0118	0.0351	33.66	33.68
Cd2288	228.802	{4	Y_2243	ppm	0	0	880.4	0	0
Co2286	228.616	{4	In2306	ppm	0.0007	0.0003	43.09	0.0009	0.0005
Cr2677	267.716	{1	Y_3600	ppm	0.0021	0	2.09	0.0021	0.0021
Cu3247	324.754	{1	Y_3600	ppm	0.0048	0.0005	10.29	0.0051	0.0044
Fe2404	240.488	{1	In2306	ppm	0.3272	0.0076	2.326	0.3218	0.3326
K_7664	766.490	{ 4	Y_3710	ppm	10.09	0.0706	0.7	10.04	10.14
K_7698	769.896	{ 4	Y_3710	ppm	11.22	0.0974	0.8685	11.15	11.29
Li6707	670.784	{ 5	Y_3710	ppm	0.0335	0.0005	1.441	0.0331	0.0338
Mg2790	279.079	{1	Y_3710	ppm	5.736	0.0821	1.431	5.794	5.678
Mn2576	257.610	{1	Y_3600	ppm	0.0255	0.0002	0.979	0.0257	0.0253
Mn2576-2	257.610	{1	Y_3710	ppm	0.0228	0.0001	0.2926	0.0228	0.0227
Mo2020	202.030	{4	Y_2243	ppm	0.2144	0.0015	0.709	0.2155	0.2134
Na5895	589.592	{ 5	Y_3710	ppm	282.7	4.519	1.598	279.5	285.9
Na8183	818.326	{ 4	Y_3710	ppm	314	1.02	0.3247	313.3	314.7
Ni2316	231.604	{4	In2306	ppm	0.0013	0.0001	5.788	0.0012	0.0013
P_1782	178.284	{4	In2306	ppm	0.1209	0.0063	5.176	0.1165	0.1254
Pb2203	220.353	{4	In2306	ppm	0.0006	0.0001	13.34	0.0006	0.0007
S_1820	182.034	{4	Y_2243	ppm	-38210	92.87	0.2431	-38270	-38140
Sb2068	206.833	{4	Y_2243	ppm	0.0007	0.0008	101.2	0.0002	0.0013
Se1960	196.090	{4	Y_2243	ppm	0.0014	0	1.386	0.0014	0.0014
Si2516	251.611	{1	Y_3710	ppm	1.152	0.0109	0.9484	1.16	1.145
Sn1899	189.989	{4	In2306	ppm	0.0026	0.0001	3.772	0.0025	0.0026
Sr4215	421.552	{ 8	Y_3710	ppm	0.2624	0.0006	0.2406	0.262	0.2629
Ti3349	334.904	{1	Y_3600	ppm	0.003	0.0003	11.83	0.0032	0.0027
Tl1908	190.856	{4	In2306	ppm	-0.001	0.0014	150.7	-0.002	0.0001
V_2924	292.402	{1	Y_3600	ppm	0.0022	0	0.252	0.0022	0.0022
Zn2062	206.200	{4	In2306	ppm	0.0629	0.0002	0.3493	0.0628	0.0631

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	194.14	1.0612	0.54664	194.89	193.39
In2306	230.606	{4	Cts/S	8937.6	10.775	0.12056	8930	8945.2
Y_2243	224.306	{4	Cts/S	11668	17.752	0.15214	11656	11681
Y_3600	360.073	{ 9	Cts/S	92730	63.857	0.06886	92685	92775
Y_3710	371.030	{ 9	Cts/S	12835	18.533	0.14439	12849	12822

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Custom ID2=
Custom ID3=
Run Time=1/12/2012 11:22:45
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0004	0	4.598	-0.0004	-0.0004
Al3082	308.215	{1	In2306	ppm	0.0187	0.0383	204.7	0.0458	-0.0084
As1890	189.042	{4	Y_2243	ppm	-0.001	0.0011	104.9	-0.0003	-0.0018
B_2496	249.678	{1	Y_3710	ppm	0.0326	0.0016	5.004	0.0337	0.0314
Ba4554	455.403	{ 7	Y_3710	ppm	0.0005	0.0001	12.48	0.0005	0.0004
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0	0.7885	-0.0001	-0.0001
Ca3158	315.887	{1	In2306	ppm	0.0153	0.0045	29.23	0.0122	0.0185
Ca3181	318.128	{1	In2306	ppm	-0.018	0.0156	86.48	-0.007	-0.029
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0	14.98	-0.0001	-0.0001
Co2286	228.616	{4	In2306	ppm	0	0	59.23	0	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0002	0.0002	71.52	0.0001	0.0003
Cu3247	324.754	{1	Y_3600	ppm	0.0015	0	1.216	0.0015	0.0015
Fe2404	240.488	{1	In2306	ppm	0.0135	0.0017	12.61	0.0147	0.0123
K_7664	766.490	{ 4	Y_3710	ppm	0.4968	0.0096	1.923	0.5036	0.4901
K_7698	769.896	{ 4	Y_3710	ppm	0.52	0.0168	3.234	0.5319	0.5081
Li6707	670.784	{ 5	Y_3710	ppm	0.0004	0.0005	135.5	0	0.0008
Mg2790	279.079	{1	Y_3710	ppm	0.0277	0.0062	22.56	0.0321	0.0233
Mn2576	257.610	{1	Y_3600	ppm	0.0002	0	15.07	0.0002	0.0002
Mn2576-2	257.610	{1	Y_3710	ppm	0.0004	0.0001	39.83	0.0003	0.0005
Mo2020	202.030	{4	Y_2243	ppm	0.0008	0.0004	53.73	0.0005	0.0011
Na5895	589.592	{ 5	Y_3710	ppm	2.048	0.0372	1.817	2.074	2.022
Na8183	818.326	{ 4	Y_3710	ppm	1.786	0.1189	6.654	1.871	1.702
Ni2316	231.604	{4	In2306	ppm	-0.0005	0	7.296	-0.0004	-0.0005
P_1782	178.284	{4	In2306	ppm	0.0067	0.0001	1.921	0.0066	0.0068
Pb2203	220.353	{4	In2306	ppm	-0.0008	0.0004	52.41	-0.0011	-0.0005
S_1820	182.034	{4	Y_2243	ppm	-70.79	32.33	45.68	-47.92	-93.65
Sb2068	206.833	{4	Y_2243	ppm	0.0001	0.0005	334.4	0.0005	-0.0002
Se1960	196.090	{4	Y_2243	ppm	0.001	0	4.927	0.001	0.001
Si2516	251.611	{1	Y_3710	ppm	0.0177	0.005	28.43	0.0142	0.0213
Sn1899	189.989	{4	In2306	ppm	0.0001	0	57.76	0	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	0.0004	0	7.695	0.0004	0.0004
Ti3349	334.904	{1	Y_3600	ppm	-0.0007	0.0004	60.62	-0.0004	-0.001
Tl1908	190.856	{4	In2306	ppm	-0.002	0.0008	40.21	-0.0014	-0.0026
V_2924	292.402	{1	Y_3600	ppm	0.0004	0.0003	67.14	0.0006	0.0002
Zn2062	206.200	{4	In2306	ppm	0.0024	0.0001	4.351	0.0024	0.0025

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	200.48	0.92775	0.46277	199.82	201.14
In2306	230.606	{4	Cts/S	10626	17.185	0.16174	10638	10613
Y_2243	224.306	{4	Cts/S	12604	1.5254	0.0121	12605	12603
Y_3600	360.073	{ 9	Cts/S	104370	498.07	0.47721	104720	104020
Y_3710	371.030	{ 9	Cts/S	13123	18.04	0.13746	13111	13136

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SampleName=600-48561-C-1-A
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 11:25:36
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0003	0.0001	24.93	0.0002	0.0003
Al3082	308.215	{1	In2306	ppm	0.2309	0.0226	9.774	0.2149	0.2469
As1890	189.042	{4	Y_2243	ppm	0.0056	0.0008	13.5	0.0061	0.0051
B_2496	249.678	{1	Y_3710	ppm	0.132	0	0.0106	0.132	0.132
Ba4554	455.403	{ 7	Y_3710	ppm	0.0814	0.0001	0.1481	0.0815	0.0813
Be3130	313.042	{1	Y_3710	ppm	0.0001	0	25.09	0.0001	0.0001
Ca3158	315.887	{1	In2306	ppm	370.7	11.39	3.073	378.8	362.7
Ca3181	318.128	{1	In2306	ppm	386.4	12.03	3.113	394.9	377.9
Cd2288	228.802	{4	Y_2243	ppm	0.001	0.0001	12.33	0.0009	0.0011
Co2286	228.616	{4	In2306	ppm	0.0004	0.0002	36.59	0.0003	0.0006
Cr2677	267.716	{1	Y_3600	ppm	0.0087	0.0002	2.845	0.0089	0.0086
Cu3247	324.754	{1	Y_3600	ppm	0.0068	0	0.4462	0.0068	0.0068
Fe2404	240.488	{1	In2306	ppm	0.7303	0.0339	4.649	0.7543	0.7063
K_7664	766.490	{ 4	Y_3710	ppm	7.068	0.1403	1.984	6.969	7.168
K_7698	769.896	{ 4	Y_3710	ppm	8.284	0.1658	2.002	8.167	8.401
Li6707	670.784	{ 5	Y_3710	ppm	0.0136	0.0005	3.816	0.0132	0.0139
Mg2790	279.079	{1	Y_3710	ppm	9.852	0.2218	2.251	10.01	9.695
Mn2576	257.610	{1	Y_3600	ppm	0.051	0.0005	0.9814	0.0513	0.0506
Mn2576-2	257.610	{1	Y_3710	ppm	0.0448	0.001	2.306	0.0455	0.0441
Mo2020	202.030	{4	Y_2243	ppm	0.0208	0	0.0891	0.0208	0.0208
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	2875	37.27	1.297	2901	2848
Ni2316	231.604	{4	In2306	ppm	0.0117	0.0001	0.6144	0.0117	0.0116
P_1782	178.284	{4	In2306	ppm	0.8217	0.0126	1.535	0.8306	0.8128
Pb2203	220.353	{4	In2306	ppm	0.0002	0.0014	908.6	0.0012	-0.0009
S_1820	182.034	{4	Y_2243	ppm	-104200	774.8	0.7435	-104800	-103700
Sb2068	206.833	{4	Y_2243	ppm	-0.0012	0.002	166.3	-0.0026	0.0002
Se1960	196.090	{4	Y_2243	ppm	0.002	0.0014	73.79	0.003	0.0009
Si2516	251.611	{1	Y_3710	ppm	4.657	0.0258	0.5535	4.639	4.675
Sn1899	189.989	{4	In2306	ppm	-0.0004	0.0007	200.9	0.0002	-0.0009
Sr4215	421.552	{ 8	Y_3710	ppm	0.9042	0.0002	0.0251	0.9044	0.9041
Ti3349	334.904	{1	Y_3600	ppm	0.0048	0.0001	2.389	0.0049	0.0048
Tl1908	190.856	{4	In2306	ppm	-0.0036	0.0022	60.75	-0.002	-0.0051
V_2924	292.402	{1	Y_3600	ppm	0.0033	0.0001	3.085	0.0033	0.0032
Zn2062	206.200	{4	In2306	ppm	0.098	0.0012	1.183	0.0988	0.0971

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	187.32	3.3163	1.7704	184.97	189.66
In2306	230.606	{4	Cts/S	6798.4	39.722	0.58429	6770.3	6826.5
Y_2243	224.306	{4	Cts/S	9650.9	56.172	0.58204	9611.1	9690.6
Y_3600	360.073	{ 9	Cts/S	75611	408.69	0.54052	75322	75900
Y_3710	371.030	{ 9	Cts/S	12517	67.901	0.54248	12469	12565

[Sample Header]
Method=ICP6500Metals_TRY3(v610)
SampleName=600-48561-C-1-A@5
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 11:28:28

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0002	0.0001	49.06	-0.0001	-0.0003
Al3082	308.215	{1	In2306	ppm	0.0577	0.0249	43.16	0.0401	0.0753
As1890	189.042	{4	Y_2243	ppm	0.0018	0.0002	9.116	0.0017	0.0019
B_2496	249.678	{1	Y_3710	ppm	0.0219	0.0003	1.255	0.0221	0.0217
Ba4554	455.403	{ 7	Y_3710	ppm	0.0169	0.0004	2.287	0.0167	0.0172
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0001	70.33	0.0001	0
Ca3158	315.887	{1	In2306	ppm	76.99	0.5291	0.6872	76.62	77.37
Ca3181	318.128	{1	In2306	ppm	80.62	0.4857	0.6024	80.28	80.96
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0	28.61	0.0001	0.0001
Co2286	228.616	{4	In2306	ppm	0	0	241.5	0	0
Cr2677	267.716	{1	Y_3600	ppm	0.0028	0	0.3632	0.0027	0.0028
Cu3247	324.754	{1	Y_3600	ppm	0.0011	0.0002	16.57	0.0013	0.001
Fe2404	240.488	{1	In2306	ppm	0.1592	0.0029	1.797	0.1571	0.1612
K_7664	766.490	{ 4	Y_3710	ppm	1.534	0.0164	1.069	1.523	1.546
K_7698	769.896	{ 4	Y_3710	ppm	1.742	0.0293	1.684	1.721	1.763
Li6707	670.784	{ 5	Y_3710	ppm	0.0024	0.0003	12.9	0.0026	0.0022
Mg2790	279.079	{1	Y_3710	ppm	2.135	0.0025	0.1189	2.137	2.134
Mn2576	257.610	{1	Y_3600	ppm	0.0108	0.0002	1.804	0.0109	0.0106
Mn2576-2	257.610	{1	Y_3710	ppm	0.0093	0.0005	5.555	0.0096	0.0089
Mo2020	202.030	{4	Y_2243	ppm	0.0044	0.0001	1.314	0.0043	0.0044
Na5895	589.592	{ 5	Y_3710	ppm	496.4	2.993	0.603	494.2	498.5
Na8183	818.326	{ 4	Y_3710	ppm	599.3	10.74	1.792	591.7	606.9
Ni2316	231.604	{4	In2306	ppm	0.0024	0.0001	4.67	0.0023	0.0024
P_1782	178.284	{4	In2306	ppm	0.1457	0.0029	2.006	0.1436	0.1478
Pb2203	220.353	{4	In2306	ppm	-0.0008	0	4.024	-0.0008	-0.0009
S_1820	182.034	{4	Y_2243	ppm	-20890	57.23	0.274	-20850	-20930
Sb2068	206.833	{4	Y_2243	ppm	-0.0001	0.0023	1553	0.0015	-0.0018
Se1960	196.090	{4	Y_2243	ppm	0	0.0029	16590	0.002	-0.0021
Si2516	251.611	{1	Y_3710	ppm	0.9371	0.01	1.065	0.9301	0.9442
Sn1899	189.989	{4	In2306	ppm	0	0.0003	1705	0.0002	-0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	0.1892	0.003	1.562	0.1871	0.1913
Ti3349	334.904	{1	Y_3600	ppm	0.0006	0.0002	28.11	0.0005	0.0007
Tl1908	190.856	{4	In2306	ppm	-0.0003	0.002	708	0.0011	-0.0017
V_2924	292.402	{1	Y_3600	ppm	0.0014	0.0004	27.8	0.0016	0.0011
Zn2062	206.200	{4	In2306	ppm	0.0204	0.0002	0.7939	0.0203	0.0206

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	190.56	2.4755	1.2991	192.31	188.81
In2306	230.606	{4	Cts/S	8395.8	15.74	0.18748	8384.7	8406.9
Y_2243	224.306	{4	Cts/S	11156	45.445	0.40735	11124	11188
Y_3600	360.073	{ 9	Cts/S	86810	1302.8	1.5007	85889	87731
Y_3710	371.030	{ 9	Cts/S	12617	142.76	1.1316	12718	12516

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SampleName=CCV 760843
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/12/2012 11:31:20
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.256	0.0006	0.2488	0.2564	0.2555
Al3082	308.215	{1	In2306	ppm	2.451	0.0032	0.1291	2.453	2.449
As1890	189.042	{4	Y_2243	ppm	0.5112	0.0069	1.356	0.5161	0.5063
B_2496	249.678	{1	Y_3710	ppm	0.4907	0.0029	0.6012	0.4886	0.4928
Ba4554	455.403	{ 7	Y_3710	ppm	0.4762	0.0014	0.2858	0.4753	0.4772
Be3130	313.042	{1	Y_3710	ppm	0.4988	0.0015	0.2967	0.4977	0.4998
Ca3158	315.887	{1	In2306	ppm	12.19	0.0009	0.007	12.19	12.19
Ca3181	318.128	{1	In2306	ppm	12.58	0.0326	0.2596	12.55	12.6
Cd2288	228.802	{4	Y_2243	ppm	0.5429	0.008	1.469	0.5486	0.5373
Co2286	228.616	{4	In2306	ppm	0.5177	0.0065	1.254	0.5222	0.5131
Cr2677	267.716	{1	Y_3600	ppm	0.5449	0.0009	0.1646	0.5442	0.5455
Cu3247	324.754	{1	Y_3600	ppm	0.5182	0.0045	0.8728	0.5214	0.515
Fe2404	240.488	{1	In2306	ppm	2.477	0.0162	0.6558	2.466	2.489
K_7664	766.490	{ 4	Y_3710	ppm	11.08	0.0094	0.0846	11.07	11.09
K_7698	769.896	{ 4	Y_3710	ppm	12.37	0.1245	1.006	12.28	12.46
Li6707	670.784	{ 5	Y_3710	ppm	0.4535	0.0018	0.4064	0.4522	0.4548
Mg2790	279.079	{1	Y_3710	ppm	5.106	0.0098	0.1919	5.099	5.113
Mn2576	257.610	{1	Y_3600	ppm	0.5169	0.0003	0.0672	0.5172	0.5167
Mn2576-2	257.610	{1	Y_3710	ppm	0.4569	0	0.0035	0.4569	0.4569
Mo2020	202.030	{4	Y_2243	ppm	0.5112	0.0085	1.658	0.5172	0.5052
Na5895	589.592	{ 5	Y_3710	ppm	12.28	0.0368	0.2996	12.26	12.31
Na8183	818.326	{ 4	Y_3710	ppm	12.24	0.0413	0.3378	12.27	12.21
Ni2316	231.604	{4	In2306	ppm	0.4781	0.0057	1.198	0.4821	0.474
P_1782	178.284	{4	In2306	ppm	0.0014	0.0011	77.61	0.0021	0.0006
Pb2203	220.353	{4	In2306	ppm	0.4896	0.0074	1.502	0.4948	0.4844
S_1820	182.034	{4	Y_2243	ppm	-286.7	1.619	0.5649	-287.8	-285.5
Sb2068	206.833	{4	Y_2243	ppm	0.5049	0.0112	2.225	0.5129	0.497
Se1960	196.090	{4	Y_2243	ppm	0.5073	0.0081	1.602	0.5131	0.5016
Si2516	251.611	{1	Y_3710	ppm	0.7853	0.0037	0.4721	0.7826	0.7879
Sn1899	189.989	{4	In2306	ppm	0.4787	0.0077	1.608	0.4841	0.4732
Sr4215	421.552	{ 8	Y_3710	ppm	0.2339	0.0006	0.2574	0.2335	0.2343
Ti3349	334.904	{1	Y_3600	ppm	0.515	0.0004	0.0735	0.5153	0.5147
Tl1908	190.856	{4	In2306	ppm	0.4742	0.0041	0.8572	0.4771	0.4713
V_2924	292.402	{1	Y_3600	ppm	0.5149	0.0016	0.3072	0.5161	0.5138
Zn2062	206.200	{4	In2306	ppm	0.513	0.0059	1.146	0.5172	0.5089

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	197.05	0.01751	0.00888	197.04	197.06
In2306	230.606	{4	Cts/S	10059	112.28	1.1162	9979.7	10139
Y_2243	224.306	{4	Cts/S	12370	160.22	1.2953	12256	12483
Y_3600	360.073	{ 9	Cts/S	100300	112.6	0.11227	100220	100380
Y_3710	371.030	{ 9	Cts/S	12945	31.879	0.24627	12967	12922

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Custom ID1=
Custom ID2=

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0	0.8853	0.0051	0.0051
Al3082	308.215 {1	In2306	ppm	0.1063	0.004	3.763	0.1035	0.1092
As1890	189.042 {4	Y_2243	ppm	0.0091	0.0008	8.451	0.0085	0.0096
B_2496	249.678 {1	Y_3710	ppm	0.0122	0.0059	48.57	0.0164	0.008
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0002	2.247	0.0099	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	2.983	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0959	0.0075	7.853	0.1012	0.0905
Ca3181	318.128 {1	In2306	ppm	0.084	0.0278	33.03	0.1036	0.0644
Cd2288	228.802 {4	Y_2243	ppm	0.0059	0.0009	15.08	0.0053	0.0066
Co2286	228.616 {4	In2306	ppm	0.0105	0.0011	10.24	0.0097	0.0112
Cr2677	267.716 {1	Y_3600	ppm	0.0111	0	0.0754	0.0111	0.0111
Cu3247	324.754 {1	Y_3600	ppm	0.0099	0	0.0229	0.0099	0.0099
Fe2404	240.488 {1	In2306	ppm	0.0949	0.0019	1.976	0.0936	0.0962
K_7664	766.490 { 4	Y_3710	ppm	0.5803	0.0077	1.32	0.5857	0.5749
K_7698	769.896 { 4	Y_3710	ppm	0.6064	0.0448	7.386	0.5747	0.638
Li6707	670.784 { 5	Y_3710	ppm	0.008	0.0004	5.579	0.0083	0.0077
Mg2790	279.079 {1	Y_3710	ppm	0.0958	0.0316	33.01	0.0734	0.1182
Mn2576	257.610 {1	Y_3600	ppm	0.0107	0	0.4386	0.0106	0.0107
Mn2576-2	257.610 {1	Y_3710	ppm	0.0096	0.0007	7.25	0.0101	0.0091
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.0015	12.89	0.0106	0.0128
Na5895	589.592 { 5	Y_3710	ppm	0.8311	0.0089	1.076	0.8374	0.8248
Na8183	818.326 { 4	Y_3710	ppm	1.173	0.1214	10.35	1.258	1.087
Ni2316	231.604 {4	In2306	ppm	0.0097	0.0011	10.84	0.0089	0.0104
P_1782	178.284 {4	In2306	ppm	0.0092	0.0002	1.864	0.0091	0.0093
Pb2203	220.353 {4	In2306	ppm	0.0103	0.0007	7.084	0.0098	0.0108
S_1820	182.034 {4	Y_2243	ppm	-10.76	0.5566	5.174	-11.15	-10.36
Sb2068	206.833 {4	Y_2243	ppm	0.0168	0.0004	2.155	0.0165	0.017
Se1960	196.090 {4	Y_2243	ppm	0.0112	0.0009	7.775	0.0119	0.0106
Si2516	251.611 {1	Y_3710	ppm	0.0151	0.0096	63.87	0.0083	0.0219
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0013	12.58	0.0092	0.011
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0.0001	2.158	0.0047	0.0045
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0005	4.913	0.0105	0.0098
Tl1908	190.856 {4	In2306	ppm	0.0084	0.0015	17.22	0.0074	0.0095
V_2924	292.402 {1	Y_3600	ppm	0.0105	0.0003	2.5	0.0103	0.0107
Zn2062	206.200 {4	In2306	ppm	0.0104	0.0008	8.135	0.0098	0.011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	197.33	0.83486	0.42309	196.74	197.92
In2306	230.606 {4	Cts/S	10686	45.761	0.42822	10719	10654
Y_2243	224.306 {4	Cts/S	12599	46.548	0.36947	12631	12566
Y_3600	360.073 { 9	Cts/S	102530	529.01	0.51595	102910	102160
Y_3710	371.030 { 9	Cts/S	13108	49.881	0.38054	13143	13072

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Comment=
Custom ID1=

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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0003	1067	0.0002	-0.0002
Al3082	308.215 {1	In2306	ppm	-0.0067	0.0061	90.73	-0.0024	-0.011
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0003	40.64	0.0004	0.0008
B_2496	249.678 {1	Y_3710	ppm	0.0015	0.0008	52.33	0.0021	0.001
Ba4554	455.403 { 7	Y_3710	ppm	0.0004	0	4.653	0.0004	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	1779	0	0
Ca3158	315.887 {1	In2306	ppm	-0.0055	0.0128	232.1	-0.0145	0.0035
Ca3181	318.128 {1	In2306	ppm	0.0156	0.0013	8.468	0.0165	0.0146
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	17.81	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	468.7	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0	0	184.2	0	0
Cu3247	324.754 {1	Y_3600	ppm	-0.0006	0.0001	14.23	-0.0006	-0.0007
Fe2404	240.488 {1	In2306	ppm	-0.0018	0.0042	230.8	0.0011	-0.0048
K_7664	766.490 { 4	Y_3710	ppm	0.0363	0.0192	52.83	0.0227	0.0498
K_7698	769.896 { 4	Y_3710	ppm	0.0129	0.0133	103.1	0.0035	0.0224
Li6707	670.784 { 5	Y_3710	ppm	-0.0006	0.0001	22.94	-0.0007	-0.0005
Mg2790	279.079 {1	Y_3710	ppm	0.0191	0.0245	128.1	0.0365	0.0018
Mn2576	257.610 {1	Y_3600	ppm	0	0	44.37	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0.0009	461.2	-0.0004	0.0008
Mo2020	202.030 {4	Y_2243	ppm	0	0	93.82	-0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.1944	0.0041	2.113	0.1973	0.1915
Na8183	818.326 { 4	Y_3710	ppm	0.3028	0.0027	0.9066	0.3008	0.3047
Ni2316	231.604 {4	In2306	ppm	-0.0005	0.0003	47.79	-0.0004	-0.0007
P_1782	178.284 {4	In2306	ppm	0.0006	0.0001	12.06	0.0006	0.0005
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0002	36.85	0.0004	0.0007
S_1820	182.034 {4	Y_2243	ppm	-8.407	0.028	0.3334	-8.387	-8.427
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.0018	253.1	0.002	-0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.002	319.2	0.0021	-0.0008
Si2516	251.611 {1	Y_3710	ppm	-0.0075	0.0108	143.6	0.0001	-0.0151
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	17.52	0.0003	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	18.03	0.0002	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0	7.789	-0.0006	-0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0019	0.0001	7.029	-0.0018	-0.002
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	20.98	0.0005	0.0004
Zn2062	206.200 {4	In2306	ppm	0	0	69.87	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	200.02	2.7411	1.3704	198.08	201.96
In2306	230.606 {4	Cts/S	10716	29.125	0.2718	10736	10695
Y_2243	224.306 {4	Cts/S	12548	23.866	0.1902	12565	12531
Y_3600	360.073 { 9	Cts/S	102620	162.92	0.15876	102510	102740
Y_3710	371.030 { 9	Cts/S	13027	10.418	0.07998	13034	13019

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Username=admin
Comment=

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.518	0.0002	0.046	0.5179	0.5182
Al3082	308.215 {1	In2306	ppm	9.808	0.0188	0.1916	9.795	9.822
As1890	189.042 {4	Y_2243	ppm	1.052	0.0014	0.1288	1.051	1.053
B_2496	249.678 {1	Y_3710	ppm	1.118	0.0078	0.7008	1.123	1.112
Ba4554	455.403 { 7	Y_3710	ppm	1.032	0.0036	0.35	1.029	1.034
Be3130	313.042 {1	Y_3710	ppm	0.4733	0.0008	0.1654	0.4727	0.4738
Ca3158	315.887 {1	In2306	ppm	75.57	0.019	0.0252	75.58	75.55
Ca3181	318.128 {1	In2306	ppm	78.74	0.1315	0.1669	78.84	78.65
Cd2288	228.802 {4	Y_2243	ppm	0.5403	0.0002	0.0288	0.5402	0.5404
Co2286	228.616 {4	In2306	ppm	1.022	0.0034	0.3285	1.024	1.019
Cr2677	267.716 {1	Y_3600	ppm	1.042	0.0006	0.0555	1.041	1.042
Cu3247	324.754 {1	Y_3600	ppm	1.044	0.0028	0.2719	1.046	1.042
Fe2404	240.488 {1	In2306	ppm	10.11	0.0051	0.0504	10.1	10.11
K_7664	766.490 { 4	Y_3710	ppm	17.88	0.099	0.5536	17.81	17.95
K_7698	769.896 { 4	Y_3710	ppm	20.16	0.0375	0.1862	20.13	20.19
Li6707	670.784 { 5	Y_3710	ppm	0.8984	0.0053	0.5916	0.8946	0.9021
Mg2790	279.079 {1	Y_3710	ppm	18.09	0.1743	0.9633	18.21	17.97
Mn2576	257.610 {1	Y_3600	ppm	1.067	0.0014	0.1337	1.068	1.066
Mn2576-2	257.610 {1	Y_3710	ppm	0.9379	0.0012	0.1236	0.9387	0.9371
Mo2020	202.030 {4	Y_2243	ppm	0.9816	0.0008	0.0808	0.9821	0.981
Na5895	589.592 { 5	Y_3710	ppm	142	2.089	1.472	143.4	140.5
Na8183	818.326 { 4	Y_3710	ppm	155.1	0.6984	0.4504	154.6	155.6
Ni2316	231.604 {4	In2306	ppm	0.9529	0.0022	0.2267	0.9544	0.9514
P_1782	178.284 {4	In2306	ppm	1.69	0.0029	0.1709	1.692	1.688
Pb2203	220.353 {4	In2306	ppm	0.9558	0.0028	0.2923	0.9578	0.9538
S_1820	182.034 {4	Y_2243	ppm	-19010	17.44	0.0917	-19030	-19000
Sb2068	206.833 {4	Y_2243	ppm	1.007	0.003	0.3	1.009	1.005
Se1960	196.090 {4	Y_2243	ppm	1.015	0.0041	0.4018	1.012	1.018
Si2516	251.611 {1	Y_3710	ppm	4.951	0.0242	0.4885	4.934	4.968
Sn1899	189.989 {4	In2306	ppm	0.9303	0.0043	0.4569	0.9333	0.9273
Sr4215	421.552 { 8	Y_3710	ppm	0.9221	0.0039	0.4251	0.9193	0.9248
Ti3349	334.904 {1	Y_3600	ppm	0.9834	0.0023	0.2313	0.9851	0.9818
Tl1908	190.856 {4	In2306	ppm	0.8892	0.0009	0.1042	0.8899	0.8886
V_2924	292.402 {1	Y_3600	ppm	0.9806	0.0027	0.2762	0.9825	0.9787
Zn2062	206.200 {4	In2306	ppm	1.082	0.004	0.3654	1.085	1.079

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	189.25	0.80489	0.4253	189.82	188.68
In2306	230.606 {4	Cts/S	9042.9	8.4991	0.09399	9048.9	9036.9
Y_2243	224.306 {4	Cts/S	11659	42.763	0.3668	11689	11628
Y_3600	360.073 { 9	Cts/S	93786	184.59	0.19682	93655	93916
Y_3710	371.030 { 9	Cts/S	12892	9.774	0.07582	12899	12885

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Username=admin

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	289.9	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0441	0.0009	1.99	0.0435	0.0447
As1890	189.042 {4	Y_2243	ppm	0.0027	0.0022	84.32	0.0011	0.0043
B_2496	249.678 {1	Y_3710	ppm	0.042	0.0052	12.41	0.0456	0.0383
Ba4554	455.403 { 7	Y_3710	ppm	0.0201	0	0.2395	0.0201	0.0201
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	99.66	0	0.0001
Ca3158	315.887 {1	In2306	ppm	13.2	0.2461	1.864	13.38	13.03
Ca3181	318.128 {1	In2306	ppm	13.68	0.2669	1.951	13.87	13.49
Cd2288	228.802 {4	Y_2243	ppm	0.0009	0.0013	151.7	-0.0001	0.0018
Co2286	228.616 {4	In2306	ppm	0.0021	0.0026	128	0.0002	0.0039
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0	5.431	0.0007	0.0007
Cu3247	324.754 {1	Y_3600	ppm	0.0005	0	7.368	0.0005	0.0005
Fe2404	240.488 {1	In2306	ppm	0.0689	0.0048	7.028	0.0655	0.0723
K_7664	766.490 { 4	Y_3710	ppm	1.983	0.0221	1.114	1.999	1.968
K_7698	769.896 { 4	Y_3710	ppm	2.178	0.0068	0.3124	2.183	2.174
Li6707	670.784 { 5	Y_3710	ppm	0.002	0.0005	24.99	0.0024	0.0017
Mg2790	279.079 {1	Y_3710	ppm	1.724	0.025	1.45	1.706	1.741
Mn2576	257.610 {1	Y_3600	ppm	0.0123	0.0001	0.4724	0.0122	0.0123
Mn2576-2	257.610 {1	Y_3710	ppm	0.0112	0.0002	2.207	0.0114	0.011
Mo2020	202.030 {4	Y_2243	ppm	0.0067	0.0034	51.77	0.0042	0.0091
Na5895	589.592 { 5	Y_3710	ppm	29.21	0.1981	0.6782	29.35	29.07
Na8183	818.326 { 4	Y_3710	ppm	29.72	0.2642	0.8892	29.9	29.53
Ni2316	231.604 {4	In2306	ppm	0.002	0.0021	105.8	0.0005	0.0035
P_1782	178.284 {4	In2306	ppm	0.1173	0.0035	2.959	0.1149	0.1198
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0027	301.4	-0.001	0.0028
S_1820	182.034 {4	Y_2243	ppm	-3792	32.47	0.8564	-3769	-3815
Sb2068	206.833 {4	Y_2243	ppm	0.0102	0.0052	50.91	0.0065	0.0138
Se1960	196.090 {4	Y_2243	ppm	0.0014	0.0022	159.7	-0.0002	0.0029
Si2516	251.611 {1	Y_3710	ppm	0.8662	0.0015	0.1783	0.8673	0.8651
Sn1899	189.989 {4	In2306	ppm	0.0033	0.0025	75	0.0016	0.0051
Sr4215	421.552 { 8	Y_3710	ppm	0.0984	0.0005	0.5569	0.0987	0.098
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0002	13.85	0.0014	0.0017
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0004	166	-0.0005	0
V_2924	292.402 {1	Y_3600	ppm	0.001	0.0001	9.941	0.0011	0.001
Zn2062	206.200 {4	In2306	ppm	0.0157	0.0028	17.78	0.0138	0.0177

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	195.71	4.7595	2.4319	192.35	199.08
In2306	230.606 {4	Cts/S	10093	44.909	0.44493	10125	10062
Y_2243	224.306 {4	Cts/S	12299	30.176	0.24535	12321	12278
Y_3600	360.073 { 9	Cts/S	99152	224.09	0.226	99310	98993
Y_3710	371.030 { 9	Cts/S	13016	9.444	0.07256	13009	13023

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SampleName=CCV 760843

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 11:44:50
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2622	0.0021	0.8189	0.2637	0.2607
Al3082	308.215	{1	In2306	ppm	2.414	0.0146	0.6049	2.403	2.424
As1890	189.042	{4	Y_2243	ppm	0.5184	0.0003	0.0491	0.5186	0.5183
B_2496	249.678	{1	Y_3710	ppm	0.4904	0.0067	1.357	0.4951	0.4857
Ba4554	455.403	{ 7	Y_3710	ppm	0.48	0.0001	0.0286	0.4799	0.4801
Be3130	313.042	{1	Y_3710	ppm	0.503	0.0009	0.1766	0.5037	0.5024
Ca3158	315.887	{1	In2306	ppm	12.35	0.019	0.154	12.36	12.33
Ca3181	318.128	{1	In2306	ppm	12.88	0.0022	0.0174	12.88	12.87
Cd2288	228.802	{4	Y_2243	ppm	0.5438	0.0001	0.0218	0.5439	0.5437
Co2286	228.616	{4	In2306	ppm	0.5172	0.0001	0.0225	0.5171	0.5173
Cr2677	267.716	{1	Y_3600	ppm	0.5543	0.003	0.5453	0.5565	0.5522
Cu3247	324.754	{1	Y_3600	ppm	0.5333	0.0047	0.88	0.5366	0.53
Fe2404	240.488	{1	In2306	ppm	2.512	0.0107	0.4264	2.519	2.504
K_7664	766.490	{ 4	Y_3710	ppm	10.96	0.0631	0.5755	11	10.91
K_7698	769.896	{ 4	Y_3710	ppm	12.3	0.021	0.171	12.32	12.29
Li6707	670.784	{ 5	Y_3710	ppm	0.4497	0.0022	0.4967	0.4513	0.4481
Mg2790	279.079	{1	Y_3710	ppm	5.173	0.0311	0.6019	5.195	5.151
Mn2576	257.610	{1	Y_3600	ppm	0.5302	0.0053	1.004	0.5339	0.5264
Mn2576-2	257.610	{1	Y_3710	ppm	0.4602	0.0006	0.1219	0.4598	0.4606
Mo2020	202.030	{4	Y_2243	ppm	0.5108	0.002	0.3914	0.5122	0.5093
Na5895	589.592	{ 5	Y_3710	ppm	11.86	0.0651	0.5492	11.9	11.81
Na8183	818.326	{ 4	Y_3710	ppm	12.24	0.0312	0.2553	12.22	12.26
Ni2316	231.604	{4	In2306	ppm	0.4768	0.0003	0.0601	0.4766	0.477
P_1782	178.284	{4	In2306	ppm	0.0006	0.0006	100.1	0.0002	0.001
Pb2203	220.353	{4	In2306	ppm	0.4877	0.0004	0.0795	0.4874	0.488
S_1820	182.034	{4	Y_2243	ppm	-276.6	2.313	0.8364	-274.9	-278.2
Sb2068	206.833	{4	Y_2243	ppm	0.5032	0.0016	0.3185	0.5044	0.5021
Se1960	196.090	{4	Y_2243	ppm	0.5113	0.001	0.2021	0.5121	0.5106
Si2516	251.611	{1	Y_3710	ppm	0.7837	0.0235	3.002	0.7671	0.8004
Sn1899	189.989	{4	In2306	ppm	0.4764	0.0009	0.1943	0.4771	0.4757
Sr4215	421.552	{ 8	Y_3710	ppm	0.2356	0.0006	0.2454	0.236	0.2352
Ti3349	334.904	{1	Y_3600	ppm	0.5238	0.0037	0.7055	0.5264	0.5212
Tl1908	190.856	{4	In2306	ppm	0.4719	0.0008	0.1687	0.4713	0.4725
V_2924	292.402	{1	Y_3600	ppm	0.5198	0.0033	0.6306	0.5221	0.5175
Zn2062	206.200	{4	In2306	ppm	0.5117	0.0019	0.375	0.5103	0.513

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	196.26	0.71328	0.36344	195.75	196.76
In2306	230.606	{4	Cts/S	10083	13.067	0.1296	10074	10092
Y_2243	224.306	{4	Cts/S	12355	18.241	0.14764	12342	12368
Y_3600	360.073	{ 9	Cts/S	98493	799.31	0.81154	97928	99058
Y_3710	371.030	{ 9	Cts/S	12918	27.587	0.21355	12899	12938

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Custom ID1=
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0051	0.0003	5.944	0.0053	0.0049
Al3082	308.215	{1	In2306	ppm	0.1201	0.0299	24.93	0.1412	0.0989
As1890	189.042	{4	Y_2243	ppm	0.011	0.0006	5.435	0.0105	0.0114
B_2496	249.678	{1	Y_3710	ppm	0.0088	0.0052	58.51	0.0052	0.0125
Ba4554	455.403	{ 7	Y_3710	ppm	0.0098	0.0001	1.329	0.0099	0.0097
Be3130	313.042	{1	Y_3710	ppm	0.0048	0	0.6606	0.0049	0.0048
Ca3158	315.887	{1	In2306	ppm	0.0956	0.0043	4.474	0.0926	0.0987
Ca3181	318.128	{1	In2306	ppm	0.0504	0.0573	113.8	0.0098	0.0909
Cd2288	228.802	{4	Y_2243	ppm	0.0066	0.0017	26.28	0.0053	0.0078
Co2286	228.616	{4	In2306	ppm	0.0113	0.0016	14.33	0.0101	0.0124
Cr2677	267.716	{1	Y_3600	ppm	0.0111	0.0001	1.279	0.011	0.0113
Cu3247	324.754	{1	Y_3600	ppm	0.0101	0.0001	0.8022	0.01	0.0101
Fe2404	240.488	{1	In2306	ppm	0.0944	0.0037	3.95	0.097	0.0917
K_7664	766.490	{ 4	Y_3710	ppm	0.5476	0.0228	4.163	0.5637	0.5315
K_7698	769.896	{ 4	Y_3710	ppm	0.5659	0.0129	2.279	0.5568	0.575
Li6707	670.784	{ 5	Y_3710	ppm	0.0087	0.0006	6.638	0.0091	0.0082
Mg2790	279.079	{1	Y_3710	ppm	0.1211	0.027	22.26	0.1021	0.1402
Mn2576	257.610	{1	Y_3600	ppm	0.0106	0.0001	0.6215	0.0106	0.0107
Mn2576-2	257.610	{1	Y_3710	ppm	0.0094	0.0002	2.557	0.0093	0.0096
Mo2020	202.030	{4	Y_2243	ppm	0.0128	0.0023	18.4	0.0111	0.0144
Na5895	589.592	{ 5	Y_3710	ppm	0.6311	0.009	1.431	0.6375	0.6247
Na8183	818.326	{ 4	Y_3710	ppm	0.8352	0.026	3.118	0.8536	0.8168
Ni2316	231.604	{4	In2306	ppm	0.0102	0.0016	15.96	0.0091	0.0114
P_1782	178.284	{4	In2306	ppm	0.01	0.0007	7.151	0.0105	0.0095
Pb2203	220.353	{4	In2306	ppm	0.0101	0.0012	12.01	0.0092	0.0109
S_1820	182.034	{4	Y_2243	ppm	-6.863	0.0678	0.9884	-6.815	-6.911
Sb2068	206.833	{4	Y_2243	ppm	0.0176	0.002	11.38	0.0162	0.019
Se1960	196.090	{4	Y_2243	ppm	0.0119	0.0009	7.602	0.0112	0.0125
Si2516	251.611	{1	Y_3710	ppm	-0.0014	0.0051	368.4	0.0022	-0.005
Sn1899	189.989	{4	In2306	ppm	0.011	0.0016	14.41	0.0099	0.0121
Sr4215	421.552	{ 8	Y_3710	ppm	0.0046	0	0.268	0.0046	0.0046
Ti3349	334.904	{1	Y_3600	ppm	0.01	0.0001	0.5792	0.0101	0.01
Tl1908	190.856	{4	In2306	ppm	0.0097	0.0023	24.07	0.008	0.0113
V_2924	292.402	{1	Y_3600	ppm	0.0105	0.0001	0.5429	0.0104	0.0105
Zn2062	206.200	{4	In2306	ppm	0.0111	0.0017	15.32	0.0099	0.0123

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	199.98	2.0457	1.0229	198.54	201.43
In2306	230.606	{4	Cts/S	10666	12.32	0.11551	10674	10657
Y_2243	224.306	{4	Cts/S	12569	48.988	0.38976	12603	12534
Y_3600	360.073	{ 9	Cts/S	102850	77.377	0.07524	102790	102900
Y_3710	371.030	{ 9	Cts/S	13080	0.09767	0.00075	13079	13080

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0	7.764	0.0001	0.0001
Al3082	308.215	{1	In2306	ppm	0.026	0.003	11.51	0.0239	0.0281
As1890	189.042	{4	Y_2243	ppm	-0.0009	0.0006	66.15	-0.0013	-0.0005
B_2496	249.678	{1	Y_3710	ppm	0.0013	0.0022	173	-0.0003	0.0028
Ba4554	455.403	{ 7	Y_3710	ppm	0.0003	0.0001	20.55	0.0004	0.0003
Be3130	313.042	{1	Y_3710	ppm	0.0001	0	40.02	0.0001	0.0001
Ca3158	315.887	{1	In2306	ppm	-0.0006	0.002	359.4	0.0009	-0.002
Ca3181	318.128	{1	In2306	ppm	-0.0141	0.0218	154.6	-0.0296	0.0013
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0.0001	63.12	-0.0001	-0.0001
Co2286	228.616	{4	In2306	ppm	0	0.0001	626.2	0	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0004	0.0002	47.14	0.0003	0.0006
Cu3247	324.754	{1	Y_3600	ppm	-0.0008	0.0001	9.806	-0.0007	-0.0008
Fe2404	240.488	{1	In2306	ppm	-0.0034	0.0058	172.7	-0.0074	0.0007
K_7664	766.490	{ 4	Y_3710	ppm	0.0381	0.0137	36.03	0.0479	0.0284
K_7698	769.896	{ 4	Y_3710	ppm	-0.0083	0.0457	549.1	0.024	-0.0407
Li6707	670.784	{ 5	Y_3710	ppm	-0.0002	0	18.11	-0.0002	-0.0001
Mg2790	279.079	{1	Y_3710	ppm	0.0036	0.0009	24.22	0.003	0.0042
Mn2576	257.610	{1	Y_3600	ppm	0	0	183	0	0
Mn2576-2	257.610	{1	Y_3710	ppm	0.0004	0.0003	65.28	0.0006	0.0002
Mo2020	202.030	{4	Y_2243	ppm	0.0001	0.0001	107.5	0	0.0002
Na5895	589.592	{ 5	Y_3710	ppm	0.0694	0.0026	3.771	0.0713	0.0676
Na8183	818.326	{ 4	Y_3710	ppm	0.5232	0.0157	3.008	0.5343	0.5121
Ni2316	231.604	{4	In2306	ppm	0	0.0001	1721	0	0
P_1782	178.284	{4	In2306	ppm	0.001	0.0004	41.5	0.0012	0.0007
Pb2203	220.353	{4	In2306	ppm	-0.0004	0.0003	82.41	-0.0002	-0.0006
S_1820	182.034	{4	Y_2243	ppm	-5.39	0.3265	6.057	-5.159	-5.62
Sb2068	206.833	{4	Y_2243	ppm	0.0013	0.0014	111.1	0.0022	0.0003
Se1960	196.090	{4	Y_2243	ppm	0.0006	0.0006	96.1	0.001	0.0002
Si2516	251.611	{1	Y_3710	ppm	-0.0037	0.0199	544.3	-0.0177	0.0104
Sn1899	189.989	{4	In2306	ppm	0	0.0002	488.4	0.0002	-0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	0	0	37.46	0	0
Ti3349	334.904	{1	Y_3600	ppm	-0.0001	0.0003	454.2	0.0002	-0.0003
Tl1908	190.856	{4	In2306	ppm	-0.0007	0.0004	61.6	-0.0009	-0.0004
V_2924	292.402	{1	Y_3600	ppm	0.0003	0	0.6775	0.0003	0.0003
Zn2062	206.200	{4	In2306	ppm	0.0001	0	11.15	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	202.64	1.9593	0.9669	201.25	204.02
In2306	230.606	{4	Cts/S	10729	14.626	0.13632	10718	10739
Y_2243	224.306	{4	Cts/S	12666	22.046	0.17406	12651	12682
Y_3600	360.073	{ 9	Cts/S	103130	429.2	0.41618	102820	103430
Y_3710	371.030	{ 9	Cts/S	13117	20.624	0.15723	13132	13102

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0001	6719	0.0001	-0.0001
Al3082	308.215	{1	In2306	ppm	0.0204	0.0379	186	0.0471	-0.0064
As1890	189.042	{4	Y_2243	ppm	-0.001	0.0004	42.14	-0.0007	-0.0013
B_2496	249.678	{1	Y_3710	ppm	-0.0005	0.0035	679.2	-0.003	0.002
Ba4554	455.403	{ 7	Y_3710	ppm	0.0015	0.0002	11.14	0.0014	0.0016
Be3130	313.042	{1	Y_3710	ppm	0	0.0001	287	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	-0.0092	0.0044	48.08	-0.0124	-0.0061
Ca3181	318.128	{1	In2306	ppm	-0.0131	0.0349	266.5	-0.0377	0.0116
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0	32.06	-0.0001	-0.0001
Co2286	228.616	{4	In2306	ppm	0	0.0001	573.5	0.0001	-0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0002	0.0001	48.8	0.0003	0.0001
Cu3247	324.754	{1	Y_3600	ppm	0.0018	0.0002	8.941	0.0019	0.0016
Fe2404	240.488	{1	In2306	ppm	-0.0063	0.0013	20.59	-0.0054	-0.0072
K_7664	766.490	{ 4	Y_3710	ppm	0.0287	0.0077	26.73	0.0232	0.0341
K_7698	769.896	{ 4	Y_3710	ppm	-0.127	0.0151	11.92	-0.1163	-0.1377
Li6707	670.784	{ 5	Y_3710	ppm	-0.0005	0.0004	84.01	-0.0002	-0.0007
Mg2790	279.079	{1	Y_3710	ppm	0.0232	0.0037	15.93	0.0258	0.0206
Mn2576	257.610	{1	Y_3600	ppm	0.0003	0	11.13	0.0003	0.0003
Mn2576-2	257.610	{1	Y_3710	ppm	0.0004	0.0001	19.64	0.0003	0.0004
Mo2020	202.030	{4	Y_2243	ppm	0	0.0001	191.6	0	-0.0001
Na5895	589.592	{ 5	Y_3710	ppm	0.0681	0.0041	5.999	0.071	0.0652
Na8183	818.326	{ 4	Y_3710	ppm	0.6019	0.0734	12.2	0.6538	0.5499
Ni2316	231.604	{4	In2306	ppm	-0.0009	0.0001	16.82	-0.0008	-0.001
P_1782	178.284	{4	In2306	ppm	-0.0007	0.0009	126.9	-0.0001	-0.0013
Pb2203	220.353	{4	In2306	ppm	-0.0001	0.0008	743.8	-0.0007	0.0005
S_1820	182.034	{4	Y_2243	ppm	-4.237	0.3827	9.032	-4.507	-3.966
Sb2068	206.833	{4	Y_2243	ppm	0.0006	0.0001	15.19	0.0005	0.0006
Se1960	196.090	{4	Y_2243	ppm	0.0005	0.0015	330.5	-0.0006	0.0015
Si2516	251.611	{1	Y_3710	ppm	0.0013	0.0027	205.6	0.0032	-0.0006
Sn1899	189.989	{4	In2306	ppm	0.0002	0.0002	135.1	0	0.0003
Sr4215	421.552	{ 8	Y_3710	ppm	0	0.0001	1710	0.0001	-0.0001
Ti3349	334.904	{1	Y_3600	ppm	0.0003	0.0001	21.22	0.0003	0.0004
Tl1908	190.856	{4	In2306	ppm	-0.0021	0	0.8224	-0.0021	-0.0021
V_2924	292.402	{1	Y_3600	ppm	0.0004	0.0002	50.88	0.0005	0.0003
Zn2062	206.200	{4	In2306	ppm	0.0032	0	0.7153	0.0033	0.0032

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	196.68	2.5785	1.311	194.86	198.5
In2306	230.606	{4	Cts/S	10681	1.504	0.01408	10680	10682
Y_2243	224.306	{4	Cts/S	12571	34.529	0.27466	12596	12547
Y_3600	360.073	{ 9	Cts/S	103740	1035.6	0.99831	104470	103000
Y_3710	371.030	{ 9	Cts/S	13257	42.546	0.32092	13227	13288

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.5324	0.0027	0.5165	0.5344	0.5305
Al3082	308.215	{1	In2306	ppm	9.982	0.0128	0.1281	9.991	9.973
As1890	189.042	{4	Y_2243	ppm	1.067	0.0257	2.407	1.086	1.049
B_2496	249.678	{1	Y_3710	ppm	1.006	0.0019	0.1936	1.008	1.005
Ba4554	455.403	{ 7	Y_3710	ppm	0.985	0.0044	0.4438	0.9881	0.9819
Be3130	313.042	{1	Y_3710	ppm	0.5071	0.0005	0.0898	0.5074	0.5068
Ca3158	315.887	{1	In2306	ppm	10.07	0.0805	0.7998	10.01	10.13
Ca3181	318.128	{1	In2306	ppm	10.37	0.09	0.8683	10.31	10.43
Cd2288	228.802	{4	Y_2243	ppm	0.5574	0.014	2.51	0.5672	0.5475
Co2286	228.616	{4	In2306	ppm	1.068	0.0296	2.769	1.089	1.047
Cr2677	267.716	{1	Y_3600	ppm	1.084	0.0038	0.3468	1.087	1.081
Cu3247	324.754	{1	Y_3600	ppm	1.08	0.0029	0.2672	1.078	1.082
Fe2404	240.488	{1	In2306	ppm	10.21	0.0075	0.0732	10.21	10.22
K_7664	766.490	{ 4	Y_3710	ppm	9.18	0.0667	0.7261	9.227	9.133
K_7698	769.896	{ 4	Y_3710	ppm	10.13	0.099	0.9774	10.2	10.06
Li6707	670.784	{ 5	Y_3710	ppm	0.4732	0.005	1.054	0.4767	0.4697
Mg2790	279.079	{1	Y_3710	ppm	10.39	0.0565	0.5435	10.43	10.35
Mn2576	257.610	{1	Y_3600	ppm	1.051	0.0052	0.492	1.054	1.047
Mn2576-2	257.610	{1	Y_3710	ppm	0.9341	0.0037	0.3995	0.9314	0.9367
Mo2020	202.030	{4	Y_2243	ppm	1.044	0.0277	2.659	1.063	1.024
Na5895	589.592	{ 5	Y_3710	ppm	9.853	0.0867	0.8795	9.914	9.792
Na8183	818.326	{ 4	Y_3710	ppm	10.18	0.1533	1.505	10.29	10.07
Ni2316	231.604	{4	In2306	ppm	0.9856	0.0256	2.595	1.004	0.9675
P_1782	178.284	{4	In2306	ppm	-0.0011	0.0001	14.04	-0.0012	-0.001
Pb2203	220.353	{4	In2306	ppm	1.008	0.027	2.675	1.028	0.9894
S_1820	182.034	{4	Y_2243	ppm	-4.911	0.1585	3.228	-5.023	-4.799
Sb2068	206.833	{4	Y_2243	ppm	1.028	0.0282	2.746	1.048	1.008
Se1960	196.090	{4	Y_2243	ppm	1.051	0.0253	2.408	1.069	1.033
Si2516	251.611	{1	Y_3710	ppm	0.7967	0.0042	0.5311	0.7997	0.7937
Sn1899	189.989	{4	In2306	ppm	0.9861	0.0263	2.664	1.005	0.9675
Sr4215	421.552	{ 8	Y_3710	ppm	0.4751	0.0009	0.1985	0.4758	0.4744
Ti3349	334.904	{1	Y_3600	ppm	1.023	0.0044	0.4289	1.026	1.02
Tl1908	190.856	{4	In2306	ppm	0.978	0.0294	3.008	0.9988	0.9572
V_2924	292.402	{1	Y_3600	ppm	1.021	0.0039	0.3845	1.024	1.018
Zn2062	206.200	{4	In2306	ppm	1.052	0.0315	2.995	1.074	1.03

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	195.41	0.06028	0.03085	195.46	195.37
In2306	230.606	{4	Cts/S	9923.6	189.42	1.9088	9789.6	10057
Y_2243	224.306	{4	Cts/S	12265	221.67	1.8074	12108	12421
Y_3600	360.073	{ 9	Cts/S	101140	85.298	0.08434	101080	101200

Y_3710	371.030 { 9	Cts/S	13024	10.77	0.08269	13017	13032	

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	94.94	-0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0426	0.0122	28.61	0.0512	0.034
As1890	189.042 {4	Y_2243	ppm	0.022	0.025	113.9	0.0043	0.0397
B_2496	249.678 {1	Y_3710	ppm	0.0093	0.0059	63.57	0.0135	0.0051
Ba4554	455.403 { 7	Y_3710	ppm	0.0063	0	0.6999	0.0062	0.0063
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	2651	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0622	0.0018	2.861	0.0634	0.0609
Ca3181	318.128 {1	In2306	ppm	0.0418	0.0384	91.85	0.0689	0.0146
Cd2288	228.802 {4	Y_2243	ppm	0.0127	0.0143	112.3	0.0026	0.0228
Co2286	228.616 {4	In2306	ppm	0.0255	0.0281	110.3	0.0056	0.0454
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0002	70.94	0.0001	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0043	0.0003	6.447	0.0041	0.0045
Fe2404	240.488 {1	In2306	ppm	-0.0001	0.0013	1336	-0.001	0.0008
K_7664	766.490 { 4	Y_3710	ppm	0.0332	0.001	2.975	0.0325	0.0339
K_7698	769.896 { 4	Y_3710	ppm	-0.0534	0.0155	29.07	-0.0424	-0.0644
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0003	215.7	-0.0001	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0068	0.0137	201.6	-0.0029	0.0164
Mn2576	257.610 {1	Y_3600	ppm	0.0003	0.0001	22.08	0.0002	0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0009	126	0.0014	0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0288	0.0287	99.77	0.0085	0.0491
Na5895	589.592 { 5	Y_3710	ppm	126.4	3.042	2.407	128.5	124.2
Na8183	818.326 { 4	Y_3710	ppm	135.5	3.192	2.355	137.8	133.3
Ni2316	231.604 {4	In2306	ppm	0.0227	0.026	114.3	0.0044	0.0411
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0004	76.11	-0.0008	-0.0002
Pb2203	220.353 {4	In2306	ppm	0.0215	0.0238	110.7	0.0047	0.0383
S_1820	182.034 {4	Y_2243	ppm	-4.891	0.5736	11.73	-5.296	-4.485
Sb2068	206.833 {4	Y_2243	ppm	0.0361	0.0242	66.96	0.019	0.0532
Se1960	196.090 {4	Y_2243	ppm	0.0234	0.0234	100	0.0069	0.0399
Si2516	251.611 {1	Y_3710	ppm	0.0022	0.0059	270.4	0.0064	-0.002
Sn1899	189.989 {4	In2306	ppm	0.0264	0.0262	99.49	0.0078	0.0449
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	27.08	0.0003	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0018	0	0.8144	0.0018	0.0018
Tl1908	190.856 {4	In2306	ppm	0.0239	0.0273	114.4	0.0046	0.0432
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0006	86.86	0.0003	0.0011
Zn2062	206.200 {4	In2306	ppm	0.0313	0.0278	88.63	0.0117	0.051

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	197.69	5.2055	2.6331	194.01	201.37
In2306	230.606 {4	Cts/S	9510.1	2.9777	0.03131	9508	9512.2
Y_2243	224.306 {4	Cts/S	11961	18.118	0.15147	11948	11974

Y_3600	360.073 { 9	Cts/S	95250	596.19	0.62592	94828	95671
Y_3710	371.030 { 9	Cts/S	13336	261.18	1.9584	13152	13521

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0004	136.1	0	0.0005
Al3082	308.215 {1	In2306	ppm	0.0359	0.0274	76.4	0.0553	0.0165
As1890	189.042 {4	Y_2243	ppm	0.0004	0.0017	378.5	-0.0007	0.0016
B_2496	249.678 {1	Y_3710	ppm	0.0266	0.0022	8.383	0.025	0.0282
Ba4554	455.403 { 7	Y_3710	ppm	0.0681	0.0005	0.721	0.0685	0.0678
Be3130	313.042 {1	Y_3710	ppm	0	0	53.56	0	0
Ca3158	315.887 {1	In2306	ppm	76.67	0.1339	0.1746	76.77	76.58
Ca3181	318.128 {1	In2306	ppm	80.33	0.047	0.0585	80.36	80.3
Cd2288	228.802 {4	Y_2243	ppm	0.0011	0.001	90.61	0.0004	0.0018
Co2286	228.616 {4	In2306	ppm	0.0027	0.0018	67.21	0.0014	0.0039
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0	1.175	0.0008	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0042	0.0003	7.84	0.0044	0.0039
Fe2404	240.488 {1	In2306	ppm	0.0161	0.0009	5.323	0.0155	0.0167
K_7664	766.490 { 4	Y_3710	ppm	0.3535	0.0251	7.091	0.3357	0.3712
K_7698	769.896 { 4	Y_3710	ppm	0.3161	0.0388	12.29	0.2886	0.3436
Li6707	670.784 { 5	Y_3710	ppm	0.0007	0.0002	21.86	0.0009	0.0006
Mg2790	279.079 {1	Y_3710	ppm	0.9543	0.0168	1.762	0.9424	0.9662
Mn2576	257.610 {1	Y_3600	ppm	0.1603	0.0042	2.641	0.1633	0.1573
Mn2576-2	257.610 {1	Y_3710	ppm	0.1407	0.0012	0.8643	0.1399	0.1416
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0022	89.63	0.0009	0.0041
Na5895	589.592 { 5	Y_3710	ppm	128.1	1.875	1.464	129.4	126.8
Na8183	818.326 { 4	Y_3710	ppm	139.3	0.201	0.1443	139.5	139.2
Ni2316	231.604 {4	In2306	ppm	0.0037	0.0017	47.38	0.0025	0.0049
P_1782	178.284 {4	In2306	ppm	0.003	0.0003	9.995	0.0028	0.0033
Pb2203	220.353 {4	In2306	ppm	0.0012	0.0024	201.3	-0.0005	0.0029
S_1820	182.034 {4	Y_2243	ppm	-331.8	5.147	1.551	-335.4	-328.2
Sb2068	206.833 {4	Y_2243	ppm	0.0043	0.0034	79.51	0.0019	0.0067
Se1960	196.090 {4	Y_2243	ppm	0.0042	0.0027	62.83	0.0023	0.0061
Si2516	251.611 {1	Y_3710	ppm	0.6433	0.0018	0.2811	0.642	0.6446
Sn1899	189.989 {4	In2306	ppm	0.0022	0.0016	76.2	0.001	0.0033
Sr4215	421.552 { 8	Y_3710	ppm	0.2653	0.0002	0.0901	0.2655	0.2652
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0004	58.38	0.0009	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0012	0.001	78.57	0.0005	0.0019
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0003	39.96	0.0009	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0387	0.0017	4.273	0.0375	0.0398

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	193.32	0.33476	0.17316	193.09	193.56
In2306	230.606 {4	Cts/S	9203	7.0376	0.07647	9198	9208

Y_2243	224.306 {4	Cts/S	11673	7.03	0.06022	11668	11678
Y_3600	360.073 { 9	Cts/S	94606	1681.8	1.7777	93417	95796
Y_3710	371.030 { 9	Cts/S	12945	30.195	0.23326	12924	12966

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0002	56.17	-0.0002	-0.0005
Al3082	308.215 {1	In2306	ppm	0.0503	0.012	23.86	0.0418	0.0588
As1890	189.042 {4	Y_2243	ppm	-0.0009	0.0003	29.7	-0.0007	-0.001
B_2496	249.678 {1	Y_3710	ppm	0.027	0.0006	2.24	0.0274	0.0265
Ba4554	455.403 { 7	Y_3710	ppm	0.069	0	0.0353	0.069	0.069
Be3130	313.042 {1	Y_3710	ppm	0	0	3422	0	0
Ca3158	315.887 {1	In2306	ppm	75.93	0.8707	1.147	76.55	75.32
Ca3181	318.128 {1	In2306	ppm	79.64	0.6949	0.8725	80.14	79.15
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0	7.971	0.0004	0.0003
Co2286	228.616 {4	In2306	ppm	0.001	0.0002	17.66	0.0009	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0001	8.376	0.0012	0.0014
Cu3247	324.754 {1	Y_3600	ppm	0.0042	0.0003	6.574	0.0044	0.004
Fe2404	240.488 {1	In2306	ppm	0.0134	0.0129	96.57	0.0225	0.0042
K_7664	766.490 { 4	Y_3710	ppm	0.3371	0.0016	0.4656	0.3382	0.336
K_7698	769.896 { 4	Y_3710	ppm	0.3393	0.0058	1.702	0.3434	0.3353
Li6707	670.784 { 5	Y_3710	ppm	0.0011	0.0003	25.12	0.0013	0.0009
Mg2790	279.079 {1	Y_3710	ppm	0.9183	0.0023	0.2557	0.9167	0.92
Mn2576	257.610 {1	Y_3600	ppm	0.1628	0.0008	0.5015	0.1622	0.1634
Mn2576-2	257.610 {1	Y_3710	ppm	0.1394	0.001	0.7149	0.1387	0.1401
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0002	36.15	0.0004	0.0007
Na5895	589.592 { 5	Y_3710	ppm	128.2	1.162	0.9063	127.4	129
Na8183	818.326 { 4	Y_3710	ppm	139.7	0.0554	0.0396	139.7	139.6
Ni2316	231.604 {4	In2306	ppm	0.0024	0.0001	5.345	0.0023	0.0025
P_1782	178.284 {4	In2306	ppm	0.0026	0.0001	3.126	0.0025	0.0026
Pb2203	220.353 {4	In2306	ppm	0.0002	0.0002	62.3	0.0001	0.0004
S_1820	182.034 {4	Y_2243	ppm	-332.6	3.009	0.9047	-334.8	-330.5
Sb2068	206.833 {4	Y_2243	ppm	0	0.0002	715.1	0.0001	-0.0001
Se1960	196.090 {4	Y_2243	ppm	0.0028	0.0008	29.94	0.0033	0.0022
Si2516	251.611 {1	Y_3710	ppm	0.6479	0.0209	3.229	0.6331	0.6627
Sn1899	189.989 {4	In2306	ppm	0.0002	0	5.79	0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.2645	0.0002	0.0592	0.2646	0.2644
Ti3349	334.904 {1	Y_3600	ppm	0.0013	0.0005	37.66	0.0017	0.001
Tl1908	190.856 {4	In2306	ppm	-0.0022	0.0001	2.972	-0.0023	-0.0022
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0002	35.64	0.0009	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0365	0	0.0459	0.0365	0.0365

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	192.15	2.3563	1.2263	190.48	193.81

In2306	230.606 {4	Cts/S	9191.5	17.896	0.1947	9178.8	9204.1
Y_2243	224.306 {4	Cts/S	11696	36.417	0.31136	11670	11722
Y_3600	360.073 { 9	Cts/S	93365	11.656	0.01248	93357	93373
Y_3710	371.030 { 9	Cts/S	12936	55.75	0.43098	12975	12896

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5585	0.0007	0.1283	0.559	0.558
Al3082	308.215 {1	In2306	ppm	10.32	0.1522	1.474	10.43	10.21
As1890	189.042 {4	Y_2243	ppm	1.094	0.0259	2.367	1.112	1.075
B_2496	249.678 {1	Y_3710	ppm	1.049	0.0089	0.8489	1.042	1.055
Ba4554	455.403 { 7	Y_3710	ppm	1.074	0.0006	0.0539	1.073	1.074
Be3130	313.042 {1	Y_3710	ppm	0.5163	0.0012	0.233	0.5155	0.5172
Ca3158	315.887 {1	In2306	ppm	87.76	1.345	1.532	88.71	86.81
Ca3181	318.128 {1	In2306	ppm	91.71	1.373	1.498	92.68	90.73
Cd2288	228.802 {4	Y_2243	ppm	0.5672	0.0122	2.144	0.5758	0.5586
Co2286	228.616 {4	In2306	ppm	1.08	0.0243	2.255	1.097	1.062
Cr2677	267.716 {1	Y_3600	ppm	1.103	0.0005	0.0486	1.104	1.103
Cu3247	324.754 {1	Y_3600	ppm	1.111	0.0057	0.5114	1.115	1.107
Fe2404	240.488 {1	In2306	ppm	10.41	0.1711	1.644	10.53	10.29
K_7664	766.490 { 4	Y_3710	ppm	9.641	0.098	1.017	9.572	9.711
K_7698	769.896 { 4	Y_3710	ppm	10.82	0.1277	1.18	10.73	10.91
Li6707	670.784 { 5	Y_3710	ppm	0.4814	0.0038	0.7799	0.4788	0.4841
Mg2790	279.079 {1	Y_3710	ppm	11.29	0.0178	0.1574	11.3	11.28
Mn2576	257.610 {1	Y_3600	ppm	1.214	0.0017	0.1396	1.216	1.213
Mn2576-2	257.610 {1	Y_3710	ppm	1.079	0.0013	0.1235	1.08	1.078
Mo2020	202.030 {4	Y_2243	ppm	1.03	0.0273	2.651	1.049	1.011
Na5895	589.592 { 5	Y_3710	ppm	139.5	0.4302	0.3084	139.8	139.2
Na8183	818.326 { 4	Y_3710	ppm	153	0.0243	0.0159	153	153
Ni2316	231.604 {4	In2306	ppm	0.9935	0.024	2.417	1.01	0.9765
P_1782	178.284 {4	In2306	ppm	0.0043	0.0002	5.3	0.0042	0.0045
Pb2203	220.353 {4	In2306	ppm	1.01	0.0203	2.006	1.025	0.9961
S_1820	182.034 {4	Y_2243	ppm	-337.6	2.789	0.8262	-339.5	-335.6
Sb2068	206.833 {4	Y_2243	ppm	1.041	0.0241	2.315	1.058	1.024
Se1960	196.090 {4	Y_2243	ppm	1.087	0.0255	2.342	1.105	1.069
Si2516	251.611 {1	Y_3710	ppm	1.485	0.0261	1.756	1.467	1.504
Sn1899	189.989 {4	In2306	ppm	0.9888	0.0252	2.544	1.007	0.971
Sr4215	421.552 { 8	Y_3710	ppm	0.752	0.001	0.1351	0.7513	0.7527
Ti3349	334.904 {1	Y_3600	ppm	1.056	0.0006	0.057	1.056	1.056
Tl1908	190.856 {4	In2306	ppm	0.9426	0.0239	2.535	0.9595	0.9257
V_2924	292.402 {1	Y_3600	ppm	1.053	0.002	0.19	1.052	1.054
Zn2062	206.200 {4	In2306	ppm	1.118	0.0232	2.08	1.134	1.101

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	190.97	2.1546	1.1282	189.45	192.5
In2306	230.606 {4	Cts/S	9013.8	36.936	0.40978	8987.6	9039.9
Y_2243	224.306 {4	Cts/S	11645	44.064	0.37839	11614	11676
Y_3600	360.073 { 9	Cts/S	93909	10.753	0.01145	93916	93901
Y_3710	371.030 { 9	Cts/S	12830	4.796	0.03738	12834	12827

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Custom ID2=
Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0004	578.9	0.0002	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0554	0.031	55.9	0.0773	0.0335
As1890	189.042 {4	Y_2243	ppm	0.0268	0.0302	112.8	0.0054	0.0482
B_2496	249.678 {1	Y_3710	ppm	0.1469	0.001	0.7105	0.1477	0.1462
Ba4554	455.403 { 7	Y_3710	ppm	0.0146	0.0004	2.418	0.0149	0.0144
Be3130	313.042 {1	Y_3710	ppm	0	0	162.3	0.0001	0
Ca3158	315.887 {1	In2306	ppm	4.376	0.0965	2.204	4.444	4.307
Ca3181	318.128 {1	In2306	ppm	4.537	0.0754	1.662	4.59	4.483
Cd2288	228.802 {4	Y_2243	ppm	0.0148	0.0158	107	0.0036	0.026
Co2286	228.616 {4	In2306	ppm	0.0314	0.0309	98.39	0.0095	0.0532
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0002	17.58	0.0011	0.0014
Cu3247	324.754 {1	Y_3600	ppm	0.0078	0.0004	4.668	0.0081	0.0076
Fe2404	240.488 {1	In2306	ppm	0.3394	0.0048	1.409	0.3428	0.336
K_7664	766.490 { 4	Y_3710	ppm	73.12	1.614	2.207	74.26	71.98
K_7698	769.896 { 4	Y_3710	ppm	83.19	2.008	2.414	84.61	81.77
Li6707	670.784 { 5	Y_3710	ppm	0.01	0.0001	1.303	0.0101	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.8043	0.0025	0.3124	0.8025	0.8061
Mn2576	257.610 {1	Y_3600	ppm	0.0306	0.0002	0.605	0.0305	0.0307
Mn2576-2	257.610 {1	Y_3710	ppm	0.0267	0.0003	1.296	0.027	0.0265
Mo2020	202.030 {4	Y_2243	ppm	0.0388	0.031	79.76	0.0169	0.0607
Na5895	589.592 { 5	Y_3710	ppm	87.02	2.547	2.927	88.82	85.22
Na8183	818.326 { 4	Y_3710	ppm	90.29	2.112	2.339	91.79	88.8
Ni2316	231.604 {4	In2306	ppm	0.0324	0.0281	86.76	0.0125	0.0523
P_1782	178.284 {4	In2306	ppm	1.554	0.0589	3.793	1.596	1.512
Pb2203	220.353 {4	In2306	ppm	0.026	0.0271	104.4	0.0068	0.0452
S_1820	182.034 {4	Y_2243	ppm	-6539	210.1	3.213	-6688	-6391
Sb2068	206.833 {4	Y_2243	ppm	0.0423	0.0265	62.66	0.0235	0.061
Se1960	196.090 {4	Y_2243	ppm	0.0246	0.0256	103.9	0.0065	0.0427
Si2516	251.611 {1	Y_3710	ppm	0.8384	0.0214	2.558	0.8536	0.8233
Sn1899	189.989 {4	In2306	ppm	0.0299	0.029	96.95	0.0094	0.0504
Sr4215	421.552 { 8	Y_3710	ppm	0.0155	0.0004	2.445	0.0158	0.0152
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0.0004	14.3	0.0022	0.0027
Tl1908	190.856 {4	In2306	ppm	0.025	0.0247	98.73	0.0076	0.0425
V_2924	292.402 {1	Y_3600	ppm	0.0204	0.0005	2.313	0.0201	0.0208
Zn2062	206.200 {4	In2306	ppm	0.5469	0.01	1.825	0.5398	0.554

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	190.73	2.9134	1.5275	188.67	192.79
In2306	230.606 {4	Cts/S	9489.2	21.103	0.22239	9504.1	9474.2
Y_2243	224.306 {4	Cts/S	11954	25.751	0.21543	11972	11935
Y_3600	360.073 { 9	Cts/S	94826	57.283	0.06041	94866	94785
Y_3710	371.030 { 9	Cts/S	12690	292.41	2.3043	12483	12897

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	74	0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	0.3159	0.0413	13.09	0.2867	0.3452
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0016	88.99	0.0007	0.0029
B_2496	249.678 {1	Y_3710	ppm	1.165	0.0407	3.495	1.136	1.194
Ba4554	455.403 { 7	Y_3710	ppm	0.0381	0.0015	3.89	0.0371	0.0392
Be3130	313.042 {1	Y_3710	ppm	0	0	97.1	0	0
Ca3158	315.887 {1	In2306	ppm	5.362	0.1202	2.241	5.277	5.447
Ca3181	318.128 {1	In2306	ppm	5.538	0.0878	1.586	5.476	5.6
Cd2288	228.802 {4	Y_2243	ppm	0.0008	0.001	119.9	0.0001	0.0016
Co2286	228.616 {4	In2306	ppm	0.0091	0.002	21.97	0.0077	0.0105
Cr2677	267.716 {1	Y_3600	ppm	0.0014	0.0002	13.71	0.0013	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.0034	0	0.1235	0.0034	0.0034
Fe2404	240.488 {1	In2306	ppm	0.405	0.0199	4.902	0.391	0.419
K_7664	766.490 { 4	Y_3710	ppm	3.457	0.092	2.661	3.392	3.522
K_7698	769.896 { 4	Y_3710	ppm	3.798	0.1365	3.594	3.701	3.894
Li6707	670.784 { 5	Y_3710	ppm	0.005	0.0003	5.319	0.0052	0.0048
Mg2790	279.079 {1	Y_3710	ppm	0.6731	0.0169	2.511	0.6611	0.685
Mn2576	257.610 {1	Y_3600	ppm	0.0888	0.0001	0.1382	0.0887	0.0889
Mn2576-2	257.610 {1	Y_3710	ppm	0.0776	0.0036	4.654	0.0751	0.0802
Mo2020	202.030 {4	Y_2243	ppm	0.0191	0.0023	12.02	0.0175	0.0208
Na5895	589.592 { 5	Y_3710	ppm	111.5	0.2595	0.2327	111.7	111.4
Na8183	818.326 { 4	Y_3710	ppm	119.6	3.838	3.208	116.9	122.4
Ni2316	231.604 {4	In2306	ppm	0.0309	0.0015	4.701	0.0299	0.0319
P_1782	178.284 {4	In2306	ppm	0.5326	0.0079	1.48	0.527	0.5382
Pb2203	220.353 {4	In2306	ppm	0.0023	0.0014	61.51	0.0013	0.0033
S_1820	182.034 {4	Y_2243	ppm	-3416	17.18	0.5029	-3404	-3428
Sb2068	206.833 {4	Y_2243	ppm	0.0254	0.0026	10.26	0.0236	0.0273
Se1960	196.090 {4	Y_2243	ppm	0.0029	0.0025	85.96	0.0011	0.0046
Si2516	251.611 {1	Y_3710	ppm	0.5981	0.0238	3.987	0.5812	0.6149
Sn1899	189.989 {4	In2306	ppm	0.0026	0.0022	86.04	0.001	0.0042
Sr4215	421.552 { 8	Y_3710	ppm	0.0492	0.0018	3.582	0.048	0.0505
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0	2.083	0.0007	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0032	405	-0.0015	0.003
V_2924	292.402 {1	Y_3600	ppm	0.001	0.0002	19.59	0.0011	0.0009
Zn2062	206.200 {4	In2306	ppm	0.2618	0.0026	1.006	0.2599	0.2636

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	184.8	2.6216	1.4186	186.66	182.95
In2306	230.606 {4	Cts/S	9590.6	16.62	0.1733	9602.3	9578.8
Y_2243	224.306 {4	Cts/S	12067	40.927	0.33917	12096	12038
Y_3600	360.073 { 9	Cts/S	95718	107.66	0.11248	95642	95795
Y_3710	371.030 { 9	Cts/S	12662	358.8	2.8337	12915	12408

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0002	42.11	-0.0003	-0.0005
Al3082	308.215 {1	In2306	ppm	0.0405	0.0071	17.43	0.0455	0.0355
As1890	189.042 {4	Y_2243	ppm	0.0005	0.0008	150.9	0.0011	0
B_2496	249.678 {1	Y_3710	ppm	0.0326	0.0059	18.02	0.0368	0.0285
Ba4554	455.403 { 7	Y_3710	ppm	0.0019	0	1.226	0.0019	0.0019
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	36.19	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	0.07	0.0021	2.974	0.0714	0.0685
Ca3181	318.128 {1	In2306	ppm	0.03	0.037	123.4	0.0561	0.0038
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	371.3	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0003	0.0003	94.39	0.0001	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0005	357.3	-0.0002	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0001	0	29.58	0.0001	0.0001
Fe2404	240.488 {1	In2306	ppm	0.0459	0.0031	6.77	0.0481	0.0437
K_7664	766.490 { 4	Y_3710	ppm	0.0605	0.0112	18.56	0.0685	0.0526
K_7698	769.896 { 4	Y_3710	ppm	-0.01	0.0061	61.19	-0.0057	-0.0144
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0.0004	96.6	-0.0001	-0.0006
Mg2790	279.079 {1	Y_3710	ppm	0.003	0.0054	183	0.0068	-0.0009
Mn2576	257.610 {1	Y_3600	ppm	0.0006	0	2.858	0.0006	0.0006
Mn2576-2	257.610 {1	Y_3710	ppm	0.0012	0.0011	91.53	0.0004	0.0019
Mo2020	202.030 {4	Y_2243	ppm	0.0033	0.0006	16.96	0.0029	0.0037
Na5895	589.592 { 5	Y_3710	ppm	1.107	0.0158	1.426	1.096	1.118
Na8183	818.326 { 4	Y_3710	ppm	1.464	0.0293	2	1.485	1.444
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0006	259.9	-0.0006	0.0002
P_1782	178.284 {4	In2306	ppm	0.0069	0.0084	123.2	0.0009	0.0128
Pb2203	220.353 {4	In2306	ppm	-0.0001	0	26.05	-0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-34.67	42.96	123.9	-4.288	-65.04
Sb2068	206.833 {4	Y_2243	ppm	0.0017	0.0005	27.07	0.002	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0017	187.5	-0.0003	0.0021
Si2516	251.611 {1	Y_3710	ppm	0.0102	0.0038	37.5	0.0075	0.0129
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0004	108.8	0.0001	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	48.85	0.0001	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0	0.0001	547.2	0.0001	0
Tl1908	190.856 {4	In2306	ppm	-0.002	0	1.518	-0.002	-0.002
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0003	71.74	0.0002	0.0007
Zn2062	206.200 {4	In2306	ppm	0.0067	0.0043	64.06	0.0037	0.0097

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	197.1	0.5287	0.26824	196.73	197.47
In2306	230.606 {4	Cts/S	10584	120.02	1.134	10668	10499
Y_2243	224.306 {4	Cts/S	12509	103.18	0.82491	12582	12436
Y_3600	360.073 { 9	Cts/S	104560	177.26	0.16954	104430	104680
Y_3710	371.030 { 9	Cts/S	13065	106.45	0.81481	13140	12990

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0001	20.7	-0.0005	-0.0006
Al3082	308.215 {1	In2306	ppm	0.02	0.0037	18.66	0.0226	0.0173
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0003	29.53	0.0013	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0704	0.0024	3.46	0.0687	0.0721
Ba4554	455.403 { 7	Y_3710	ppm	0.1218	0.0002	0.1269	0.1217	0.1219
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	4809	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	154.3	3.327	2.156	152	156.7
Ca3181	318.128 {1	In2306	ppm	160.8	3.358	2.089	158.4	163.1
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0002	86.75	-0.0003	-0.0001
Co2286	228.616 {4	In2306	ppm	0.002	0	2.43	0.002	0.002
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0001	9.615	0.0009	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0005	0.0003	60.82	0.0007	0.0003
Fe2404	240.488 {1	In2306	ppm	61.21	1.276	2.085	60.31	62.11
K_7664	766.490 { 4	Y_3710	ppm	3.908	0.0154	0.3929	3.897	3.919
K_7698	769.896 { 4	Y_3710	ppm	4.232	0.0043	0.1017	4.235	4.229
Li6707	670.784 { 5	Y_3710	ppm	0.0184	0.0003	1.523	0.0182	0.0186
Mg2790	279.079 {1	Y_3710	ppm	5.442	0.0403	0.7404	5.47	5.413
Mn2576	257.610 {1	Y_3600	ppm	0.5314	0.0002	0.0445	0.5316	0.5313
Mn2576-2	257.610 {1	Y_3710	ppm	0.4681	0.0032	0.689	0.4704	0.4658
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	22	0.0003	0.0005
Na5895	589.592 { 5	Y_3710	ppm	7.777	0.0331	0.4258	7.754	7.801
Na8183	818.326 { 4	Y_3710	ppm	7.916	0.0713	0.9006	7.966	7.866
Ni2316	231.604 {4	In2306	ppm	0.0005	0.0001	11.96	0.0005	0.0006
P_1782	178.284 {4	In2306	ppm	0.0099	0.0007	7.065	0.0094	0.0104
Pb2203	220.353 {4	In2306	ppm	-0.001	0.0004	39.55	-0.0007	-0.0013
S_1820	182.034 {4	Y_2243	ppm	-1385	8.156	0.5887	-1391	-1380
Sb2068	206.833 {4	Y_2243	ppm	0.0024	0.0011	45.4	0.0016	0.0031
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0002	4.944	0.0037	0.0034
Si2516	251.611 {1	Y_3710	ppm	1.61	0.0119	0.7373	1.618	1.601
Sn1899	189.989 {4	In2306	ppm	0.0009	0.0003	30.2	0.0007	0.001
Sr4215	421.552 { 8	Y_3710	ppm	0.3412	0.0007	0.2004	0.3417	0.3408
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0004	330	-0.0004	0.0001
Tl1908	190.856 {4	In2306	ppm	-0.0022	0.0012	52.9	-0.0031	-0.0014
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0003	15.94	0.0018	0.0014

Zn2062	206.200 {4	In2306	ppm	0.0054	0.0006	10.63	0.005	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	187.79	4.4745	2.3827	190.95	184.62
In2306	230.606 {4	Cts/S	9480	78.998	0.83331	9535.9	9424.1
Y_2243	224.306 {4	Cts/S	11803	97.6	0.8269	11872	11734
Y_3600	360.073 { 9	Cts/S	96740	227.02	0.23467	96900	96579
Y_3710	371.030 { 9	Cts/S	12652	65.661	0.51899	12605	12698

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Custom ID3=
Run Time=1/12/2012 12:20:49
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.258	0.0018	0.6968	0.2593	0.2568
Al3082	308.215 {1	In2306	ppm	2.47	0.081	3.278	2.528	2.413
As1890	189.042 {4	Y_2243	ppm	0.5113	0.0048	0.9439	0.5147	0.5079
B_2496	249.678 {1	Y_3710	ppm	0.4853	0.0014	0.284	0.4843	0.4863
Ba4554	455.403 { 7	Y_3710	ppm	0.4792	0.0009	0.1979	0.4785	0.4799
Be3130	313.042 {1	Y_3710	ppm	0.4906	0.0006	0.1322	0.4901	0.4911
Ca3158	315.887 {1	In2306	ppm	12.42	0.3009	2.422	12.64	12.21
Ca3181	318.128 {1	In2306	ppm	12.84	0.3066	2.388	13.05	12.62
Cd2288	228.802 {4	Y_2243	ppm	0.5312	0.0039	0.7288	0.534	0.5285
Co2286	228.616 {4	In2306	ppm	0.51	0.0038	0.7392	0.5127	0.5074
Cr2677	267.716 {1	Y_3600	ppm	0.5326	0.0011	0.2105	0.5334	0.5318
Cu3247	324.754 {1	Y_3600	ppm	0.5269	0.0014	0.2598	0.5279	0.526
Fe2404	240.488 {1	In2306	ppm	2.517	0.0513	2.04	2.553	2.48
K_7664	766.490 { 4	Y_3710	ppm	11.1	0.1126	1.015	11.02	11.18
K_7698	769.896 { 4	Y_3710	ppm	12.23	0.0307	0.2514	12.21	12.25
Li6707	670.784 { 5	Y_3710	ppm	0.4586	0.0061	1.322	0.4543	0.4629
Mg2790	279.079 {1	Y_3710	ppm	5.043	0.0167	0.3307	5.055	5.031
Mn2576	257.610 {1	Y_3600	ppm	0.5198	0.0002	0.0298	0.5199	0.5197
Mn2576-2	257.610 {1	Y_3710	ppm	0.4534	0.0015	0.3273	0.4545	0.4524
Mo2020	202.030 {4	Y_2243	ppm	0.5029	0.005	0.9852	0.5064	0.4994
Na5895	589.592 { 5	Y_3710	ppm	11.84	0.1255	1.06	11.76	11.93
Na8183	818.326 { 4	Y_3710	ppm	12.29	0.0833	0.6777	12.23	12.35
Ni2316	231.604 {4	In2306	ppm	0.4743	0.0036	0.7554	0.4769	0.4718
P_1782	178.284 {4	In2306	ppm	0.0018	0.0001	5.985	0.0017	0.0018
Pb2203	220.353 {4	In2306	ppm	0.4827	0.0016	0.3311	0.4839	0.4816
S_1820	182.034 {4	Y_2243	ppm	-272.3	1.238	0.4548	-271.4	-273.1
Sb2068	206.833 {4	Y_2243	ppm	0.4968	0.005	1.001	0.5003	0.4933
Se1960	196.090 {4	Y_2243	ppm	0.5076	0.0027	0.5408	0.5095	0.5057
Si2516	251.611 {1	Y_3710	ppm	0.7765	0.0152	1.958	0.7658	0.7873
Sn1899	189.989 {4	In2306	ppm	0.475	0.0022	0.4598	0.4765	0.4734
Sr4215	421.552 { 8	Y_3710	ppm	0.2349	0.0005	0.2302	0.2345	0.2353
Ti3349	334.904 {1	Y_3600	ppm	0.5103	0.0014	0.2648	0.5113	0.5094
Tl1908	190.856 {4	In2306	ppm	0.4682	0.008	1.702	0.4738	0.4626

V_2924	292.402 {1	Y_3600	ppm	0.5056	0.001	0.1936	0.5049	0.5063
Zn2062	206.200 {4	In2306	ppm	0.5011	0.0026	0.5141	0.5029	0.4992

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	195.7	2.3768	1.2145	194.02	197.38
In2306	230.606 {4	Cts/S	10105	25.231	0.24968	10087	10123
Y_2243	224.306 {4	Cts/S	12464	54.244	0.43521	12425	12502
Y_3600	360.073 { 9	Cts/S	101150	302.57	0.29914	101360	100930
Y_3710	371.030 { 9	Cts/S	13193	30.675	0.23252	13214	13171

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Custom ID1=
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.005	0.0002	3.157	0.0049	0.0052
Al3082	308.215 {1	In2306	ppm	0.0835	0.0013	1.518	0.0844	0.0826
As1890	189.042 {4	Y_2243	ppm	0.0142	0.0071	50.12	0.0091	0.0192
B_2496	249.678 {1	Y_3710	ppm	0.0125	0.0042	33.95	0.0155	0.0095
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0001	0.7411	0.0099	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.4434	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0948	0.0085	8.942	0.0888	0.1008
Ca3181	318.128 {1	In2306	ppm	0.0498	0.0285	57.19	0.0296	0.0699
Cd2288	228.802 {4	Y_2243	ppm	0.0112	0.0074	65.93	0.006	0.0165
Co2286	228.616 {4	In2306	ppm	0.0158	0.0072	45.76	0.0107	0.0208
Cr2677	267.716 {1	Y_3600	ppm	0.0112	0.0002	1.595	0.0113	0.011
Cu3247	324.754 {1	Y_3600	ppm	0.0102	0.0001	0.9397	0.0101	0.0102
Fe2404	240.488 {1	In2306	ppm	0.0966	0.0048	4.918	0.0932	0.1
K_7664	766.490 { 4	Y_3710	ppm	0.5495	0.0033	0.5975	0.5519	0.5472
K_7698	769.896 { 4	Y_3710	ppm	0.5625	0.0031	0.5583	0.5603	0.5648
Li6707	670.784 { 5	Y_3710	ppm	0.0085	0.0004	4.525	0.0082	0.0087
Mg2790	279.079 {1	Y_3710	ppm	0.1032	0.0215	20.82	0.088	0.1184
Mn2576	257.610 {1	Y_3600	ppm	0.0106	0	0.0945	0.0106	0.0106
Mn2576-2	257.610 {1	Y_3710	ppm	0.0091	0.0005	5.576	0.0095	0.0088
Mo2020	202.030 {4	Y_2243	ppm	0.0176	0.008	45.8	0.0119	0.0233
Na5895	589.592 { 5	Y_3710	ppm	0.5719	0.0082	1.432	0.5777	0.5661
Na8183	818.326 { 4	Y_3710	ppm	0.782	0.0234	2.991	0.7985	0.7654
Ni2316	231.604 {4	In2306	ppm	0.0148	0.0069	46.87	0.0099	0.0197
P_1782	178.284 {4	In2306	ppm	0.0105	0.0002	2.311	0.0104	0.0107
Pb2203	220.353 {4	In2306	ppm	0.0145	0.0058	40.42	0.0103	0.0186
S_1820	182.034 {4	Y_2243	ppm	-5.465	3.683	67.4	-2.86	-8.07
Sb2068	206.833 {4	Y_2243	ppm	0.0213	0.0066	30.9	0.0166	0.0259
Se1960	196.090 {4	Y_2243	ppm	0.0151	0.0069	45.28	0.0103	0.02
Si2516	251.611 {1	Y_3710	ppm	-0.0047	0.0028	60.35	-0.0067	-0.0027
Sn1899	189.989 {4	In2306	ppm	0.0154	0.0075	48.68	0.0101	0.0206
Sr4215	421.552 { 8	Y_3710	ppm	0.0045	0	0.9584	0.0046	0.0045
Ti3349	334.904 {1	Y_3600	ppm	0.0103	0.0001	1.254	0.0102	0.0104

Tl1908	190.856 {4	In2306	ppm	0.0135	0.0074	55.04	0.0082	0.0187
V_2924	292.402 {1	Y_3600	ppm	0.0102	0	0.232	0.0102	0.0102
Zn2062	206.200 {4	In2306	ppm	0.0155	0.007	45.36	0.0105	0.0204

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	202.64	0.75904	0.37457	203.18	202.11
In2306	230.606 {4	Cts/S	10672	37.142	0.34804	10698	10645
Y_2243	224.306 {4	Cts/S	12705	13.544	0.10661	12714	12695
Y_3600	360.073 { 9	Cts/S	103810	63.392	0.06107	103850	103760
Y_3710	371.030 { 9	Cts/S	13282	46.046	0.34668	13314	13249

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0004	2311	0.0003	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0106	0.0207	194.8	0.0253	-0.004
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0001	9.768	0.0006	0.0007
B_2496	249.678 {1	Y_3710	ppm	0.001	0.0046	444.4	0.0043	-0.0022
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0	12.63	0.0003	0.0003
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	19.14	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0063	0.0029	47	-0.0083	-0.0042
Ca3181	318.128 {1	In2306	ppm	-0.033	0.0049	14.77	-0.0364	-0.0295
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	171.2	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	117	0	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0.0004	81.71	0.0002	0.0007
Cu3247	324.754 {1	Y_3600	ppm	-0.0006	0.0001	22.87	-0.0005	-0.0007
Fe2404	240.488 {1	In2306	ppm	-0.0018	0.0011	62.99	-0.0026	-0.001
K_7664	766.490 { 4	Y_3710	ppm	0.026	0.0015	5.694	0.0249	0.027
K_7698	769.896 { 4	Y_3710	ppm	-0.0251	0.028	111.8	-0.0052	-0.0449
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0.0003	164.3	0	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0098	0.0444	451.5	0.0413	-0.0216
Mn2576	257.610 {1	Y_3600	ppm	0	0	281.3	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0003	0.0001	43.56	-0.0004	-0.0002
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0002	58.17	0.0002	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0217	0.0007	3.17	0.0222	0.0212
Na8183	818.326 { 4	Y_3710	ppm	-0.0567	0.0225	39.7	-0.0408	-0.0727
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0002	171.6	-0.0002	0
P_1782	178.284 {4	In2306	ppm	0.0005	0.0002	33.87	0.0004	0.0006
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0001	10.93	0.0007	0.0006
S_1820	182.034 {4	Y_2243	ppm	-1.856	0.0074	0.3985	-1.862	-1.851
Sb2068	206.833 {4	Y_2243	ppm	0.0025	0.0009	36.8	0.0032	0.0019
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.0014	86.59	0.0006	0.0025
Si2516	251.611 {1	Y_3710	ppm	-0.0023	0.0079	351.9	0.0034	-0.0079
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0003	59.54	0.0003	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0002	230.8	0	0.0002

Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0.0002	52.8	-0.0005	-0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0018	0.0012	65.78	-0.0026	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0004	0	2.883	0.0004	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0002	210.8	0	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	201.61	4.1086	2.0379	204.52	198.71
In2306	230.606 {4	Cts/S	10700	17.761	0.166	10712	10687
Y_2243	224.306 {4	Cts/S	12678	10.176	0.08027	12685	12671
Y_3600	360.073 { 9	Cts/S	103910	202.66	0.19503	104060	103770
Y_3710	371.030 { 9	Cts/S	13147	31.866	0.24237	13170	13125

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5114	0.0007	0.1348	0.5119	0.511
Al3082	308.215 {1	In2306	ppm	9.614	0.0914	0.9508	9.679	9.55
As1890	189.042 {4	Y_2243	ppm	1.033	0	0.0013	1.033	1.033
B_2496	249.678 {1	Y_3710	ppm	0.9765	0.0012	0.1258	0.9756	0.9774
Ba4554	455.403 { 7	Y_3710	ppm	1.011	0.0001	0.0052	1.011	1.011
Be3130	313.042 {1	Y_3710	ppm	0.4765	0.0023	0.4875	0.4748	0.4781
Ca3158	315.887 {1	In2306	ppm	85.6	0.708	0.8271	86.1	85.1
Ca3181	318.128 {1	In2306	ppm	89.11	0.8642	0.9698	89.72	88.5
Cd2288	228.802 {4	Y_2243	ppm	0.533	0.0021	0.389	0.5345	0.5316
Co2286	228.616 {4	In2306	ppm	1.01	0.003	0.2969	1.012	1.008
Cr2677	267.716 {1	Y_3600	ppm	1.027	0.0033	0.3184	1.029	1.025
Cu3247	324.754 {1	Y_3600	ppm	1.028	0.0009	0.0905	1.028	1.027
Fe2404	240.488 {1	In2306	ppm	9.583	0.1033	1.078	9.656	9.51
K_7664	766.490 { 4	Y_3710	ppm	9.048	0.0774	0.8555	9.102	8.993
K_7698	769.896 { 4	Y_3710	ppm	10	0.0501	0.5004	10.04	9.969
Li6707	670.784 { 5	Y_3710	ppm	0.8968	0.0091	1.012	0.9032	0.8904
Mg2790	279.079 {1	Y_3710	ppm	10.53	0.0469	0.4454	10.5	10.57
Mn2576	257.610 {1	Y_3600	ppm	1.149	0.0021	0.184	1.151	1.148
Mn2576-2	257.610 {1	Y_3710	ppm	1.033	0.0016	0.1588	1.032	1.034
Mo2020	202.030 {4	Y_2243	ppm	0.9639	0.0043	0.4493	0.967	0.9608
Na5895	589.592 { 5	Y_3710	ppm	139.6	0.7748	0.5551	139	140.1
Na8183	818.326 { 4	Y_3710	ppm	149.2	0.2716	0.182	149	149.4
Ni2316	231.604 {4	In2306	ppm	0.9486	0.0028	0.2967	0.9506	0.9466
P_1782	178.284 {4	In2306	ppm	1.08	0.0033	0.3051	1.082	1.078
Pb2203	220.353 {4	In2306	ppm	0.9599	0.0011	0.1124	0.9607	0.9592
S_1820	182.034 {4	Y_2243	ppm	-327.6	0.6374	0.1945	-328.1	-327.2
Sb2068	206.833 {4	Y_2243	ppm	0.9967	0.006	0.6021	1.001	0.9925
Se1960	196.090 {4	Y_2243	ppm	1.014	0.0015	0.1483	1.015	1.013
Si2516	251.611 {1	Y_3710	ppm	1.484	0.03	2.019	1.463	1.505
Sn1899	189.989 {4	In2306	ppm	0.9272	0.0035	0.3823	0.9297	0.9247

Sr4215	421.552 { 8	Y_3710	ppm	0.7176	0.0014	0.202	0.7165	0.7186
Ti3349	334.904 {1	Y_3600	ppm	0.9782	0.0032	0.3317	0.9805	0.9759
Tl1908	190.856 {4	In2306	ppm	0.8946	0.0023	0.2556	0.893	0.8963
V_2924	292.402 {1	Y_3600	ppm	0.978	0.004	0.4085	0.9808	0.9752
Zn2062	206.200 {4	In2306	ppm	1.055	0.0034	0.325	1.057	1.053

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	192.12	2.8891	1.5038	190.08	194.16
In2306	230.606 {4	Cts/S	9061.4	11.265	0.12432	9069.4	9053.5
Y_2243	224.306 {4	Cts/S	11780	11.074	0.094	11788	11773
Y_3600	360.073 { 9	Cts/S	95581	126.26	0.1321	95492	95670
Y_3710	371.030 { 9	Cts/S	12848	17.797	0.13852	12861	12835

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Username=admin
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Custom ID3=
Run Time=1/12/2012 12:31:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0002	110.8	0	0.0004
Al3082	308.215 {1	In2306	ppm	0.0538	0.0389	72.2	0.0813	0.0263
As1890	189.042 {4	Y_2243	ppm	0.0082	0.0091	111	0.0018	0.0146
B_2496	249.678 {1	Y_3710	ppm	0.0065	0.0041	62.54	0.0036	0.0094
Ba4554	455.403 { 7	Y_3710	ppm	0.0141	0	0.1484	0.0141	0.0141
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	149.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	16.02	0.0761	0.475	16.07	15.96
Ca3181	318.128 {1	In2306	ppm	16.41	0.1046	0.6377	16.48	16.33
Cd2288	228.802 {4	Y_2243	ppm	0.0044	0.0057	128	0.0004	0.0084
Co2286	228.616 {4	In2306	ppm	0.0092	0.0115	124.3	0.0011	0.0173
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0004	133.2	0	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0006	0	7.636	0.0007	0.0006
Fe2404	240.488 {1	In2306	ppm	0.0029	0.0076	264.9	0.0083	-0.0025
K_7664	766.490 { 4	Y_3710	ppm	0.1084	0.024	22.17	0.0914	0.1254
K_7698	769.896 { 4	Y_3710	ppm	0.0481	0.0041	8.5	0.051	0.0452
Li6707	670.784 { 5	Y_3710	ppm	0	0.0002	600.1	0.0002	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.1914	0.0415	21.7	0.162	0.2208
Mn2576	257.610 {1	Y_3600	ppm	0.0335	0.0002	0.5744	0.0337	0.0334
Mn2576-2	257.610 {1	Y_3710	ppm	0.03	0.0006	1.912	0.0304	0.0296
Mo2020	202.030 {4	Y_2243	ppm	0.0122	0.0128	105.3	0.0031	0.0213
Na5895	589.592 { 5	Y_3710	ppm	27.72	0.0819	0.2956	27.66	27.78
Na8183	818.326 { 4	Y_3710	ppm	28.39	0.0019	0.0068	28.39	28.39
Ni2316	231.604 {4	In2306	ppm	0.0087	0.0108	123.2	0.0011	0.0164
P_1782	178.284 {4	In2306	ppm	0.0078	0.0098	125.8	0.0009	0.0147
Pb2203	220.353 {4	In2306	ppm	0.0065	0.0095	146.1	-0.0002	0.0132
S_1820	182.034 {4	Y_2243	ppm	-67.88	1.648	2.427	-66.71	-69.04
Sb2068	206.833 {4	Y_2243	ppm	0.0195	0.0146	75.05	0.0091	0.0298
Se1960	196.090 {4	Y_2243	ppm	0.0089	0.0075	84.3	0.0036	0.0142
Si2516	251.611 {1	Y_3710	ppm	0.1261	0.0017	1.345	0.1273	0.1249

Sn1899	189.989 {4	In2306	ppm	0.0107	0.012	112.5	0.0022	0.0192
Sr4215	421.552 { 8	Y_3710	ppm	0.0548	0.0002	0.4197	0.0546	0.055
Ti3349	334.904 {1	Y_3600	ppm	0.0019	0.0005	23.95	0.0016	0.0022
Tl1908	190.856 {4	In2306	ppm	0.0023	0.0059	252	-0.0018	0.0065
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0002	42.52	0.0006	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0187	0.0114	60.7	0.0107	0.0268

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	193.15	0.66621	0.34492	192.67	193.62
In2306	230.606 {4	Cts/S	10006	2.1904	0.02189	10005	10008
Y_2243	224.306 {4	Cts/S	12336	1.8242	0.01479	12337	12334
Y_3600	360.073 { 9	Cts/S	100580	509.45	0.50652	100220	100940
Y_3710	371.030 { 9	Cts/S	13166	12.532	0.09519	13175	13157

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Custom ID2=
Custom ID3=
Run Time=1/12/2012 12:34:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	154	0.0002	0
Al3082	308.215 {1	In2306	ppm	0.0094	0.0065	68.99	0.0048	0.014
As1890	189.042 {4	Y_2243	ppm	0.0014	0.0004	27.48	0.0017	0.0011
B_2496	249.678 {1	Y_3710	ppm	0.0013	0.0016	124.1	0.0024	0.0002
Ba4554	455.403 { 7	Y_3710	ppm	0.0022	0.0004	16.07	0.0025	0.002
Be3130	313.042 {1	Y_3710	ppm	0	0	171.4	0	0
Ca3158	315.887 {1	In2306	ppm	-0.0073	0.0049	67.37	-0.0038	-0.0107
Ca3181	318.128 {1	In2306	ppm	-0.0318	0.003	9.48	-0.0297	-0.034
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	215.5	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	129.2	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0002	67.28	0.0004	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0005	0.0002	31.28	0.0006	0.0004
Fe2404	240.488 {1	In2306	ppm	0.0084	0.0034	40.58	0.006	0.0109
K_7664	766.490 { 4	Y_3710	ppm	0.0044	0.0075	173.3	0.0097	-0.001
K_7698	769.896 { 4	Y_3710	ppm	-0.0601	0.0492	81.84	-0.0253	-0.0949
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0006	167.7	-0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0293	0.0033	11.21	0.0317	0.027
Mn2576	257.610 {1	Y_3600	ppm	0.0005	0	4.24	0.0004	0.0005
Mn2576-2	257.610 {1	Y_3710	ppm	0.0005	0.0003	52.39	0.0007	0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0003	66.22	0.0003	0.0007
Na5895	589.592 { 5	Y_3710	ppm	0.0345	0.0071	20.63	0.0395	0.0294
Na8183	818.326 { 4	Y_3710	ppm	0.2449	0.0161	6.557	0.2563	0.2336
Ni2316	231.604 {4	In2306	ppm	-0.0007	0	4.902	-0.0006	-0.0007
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0002	38.57	-0.0007	-0.0004
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0001	48.79	-0.0001	-0.0002
S_1820	182.034 {4	Y_2243	ppm	-4.764	0.5744	12.06	-5.17	-4.357
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0007	32.68	0.0028	0.0018
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0004	26.63	0.0018	0.0012

Si2516	251.611 {1	Y_3710	ppm	-0.0008	0.0044	520.3	0.0022	-0.0039
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0007	277.5	-0.0002	0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0002	1079	-0.0001	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0003	121.6	0	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0001	18.45	-0.0007	-0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0001	24.84	0.0002	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0028	0.0002	6.984	0.0027	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	195.37	2.5954	1.3284	197.21	193.54
In2306	230.606 {4	Cts/S	10682	19.063	0.17845	10669	10696
Y_2243	224.306 {4	Cts/S	12655	56.443	0.446	12616	12695
Y_3600	360.073 { 9	Cts/S	104910	252.49	0.24067	105090	104740
Y_3710	371.030 { 9	Cts/S	13120	4.6908	0.03575	13116	13123

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5309	0.0034	0.6341	0.5333	0.5285
Al3082	308.215 {1	In2306	ppm	10.07	0.0605	0.6013	10.11	10.03
As1890	189.042 {4	Y_2243	ppm	1.048	0.0081	0.7735	1.043	1.054
B_2496	249.678 {1	Y_3710	ppm	1.015	0.0172	1.691	1.027	1.003
Ba4554	455.403 { 7	Y_3710	ppm	1	0.007	0.6953	1.005	0.9954
Be3130	313.042 {1	Y_3710	ppm	0.5083	0.0021	0.4082	0.5098	0.5069
Ca3158	315.887 {1	In2306	ppm	10.24	0.0832	0.8122	10.18	10.3
Ca3181	318.128 {1	In2306	ppm	10.54	0.0355	0.3374	10.56	10.51
Cd2288	228.802 {4	Y_2243	ppm	0.543	0.0028	0.5114	0.541	0.5449
Co2286	228.616 {4	In2306	ppm	1.048	0.0039	0.3756	1.045	1.051
Cr2677	267.716 {1	Y_3600	ppm	1.068	0.0016	0.1539	1.07	1.067
Cu3247	324.754 {1	Y_3600	ppm	1.077	0.0091	0.8449	1.084	1.071
Fe2404	240.488 {1	In2306	ppm	10.37	0.0052	0.0498	10.36	10.37
K_7664	766.490 { 4	Y_3710	ppm	9.384	0.1218	1.298	9.471	9.298
K_7698	769.896 { 4	Y_3710	ppm	10.17	0.1489	1.464	10.28	10.07
Li6707	670.784 { 5	Y_3710	ppm	0.4827	0.01	2.078	0.4898	0.4756
Mg2790	279.079 {1	Y_3710	ppm	10.38	0.0723	0.6972	10.33	10.43
Mn2576	257.610 {1	Y_3600	ppm	1.042	0.0051	0.4927	1.046	1.039
Mn2576-2	257.610 {1	Y_3710	ppm	0.9423	0.0006	0.0667	0.9418	0.9427
Mo2020	202.030 {4	Y_2243	ppm	1.03	0.0047	0.4574	1.027	1.034
Na5895	589.592 { 5	Y_3710	ppm	9.977	0.1782	1.786	10.1	9.851
Na8183	818.326 { 4	Y_3710	ppm	9.956	0.2046	2.055	10.1	9.811
Ni2316	231.604 {4	In2306	ppm	0.9766	0.0013	0.1357	0.9756	0.9775
P_1782	178.284 {4	In2306	ppm	-0.0006	0.001	174.7	-0.0013	0.0001
Pb2203	220.353 {4	In2306	ppm	0.9974	0.005	0.4971	0.9939	1.001
S_1820	182.034 {4	Y_2243	ppm	-3.094	0.0468	1.514	-3.061	-3.127
Sb2068	206.833 {4	Y_2243	ppm	1.013	0.0053	0.5214	1.009	1.017

Se1960	196.090 {4	Y_2243	ppm	1.036	0.0023	0.2215	1.035	1.038
Si2516	251.611 {1	Y_3710	ppm	0.7981	0.0071	0.8927	0.7931	0.8032
Sn1899	189.989 {4	In2306	ppm	0.9808	0.0006	0.0615	0.9812	0.9803
Sr4215	421.552 { 8	Y_3710	ppm	0.4832	0.0024	0.4903	0.4848	0.4815
Ti3349	334.904 {1	Y_3600	ppm	1.024	0.0069	0.6712	1.029	1.019
Tl1908	190.856 {4	In2306	ppm	0.9709	0.0011	0.1171	0.9701	0.9717
V_2924	292.402 {1	Y_3600	ppm	1.021	0.0032	0.3097	1.023	1.018
Zn2062	206.200 {4	In2306	ppm	1.027	0.0022	0.2168	1.025	1.028

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	193.07	0.3393	0.17574	192.83	193.31
In2306	230.606 {4	Cts/S	10004	34.654	0.34639	10029	9979.8
Y_2243	224.306 {4	Cts/S	12464	54.717	0.43898	12503	12426
Y_3600	360.073 { 9	Cts/S	102460	503.21	0.49111	102110	102820
Y_3710	371.030 { 9	Cts/S	12938	13.201	0.10204	12928	12947

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Custom ID3=
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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	691.3	0.0001	-0.0002
Al3082	308.215 {1	In2306	ppm	0.5969	0.0162	2.711	0.5855	0.6083
As1890	189.042 {4	Y_2243	ppm	0.0043	0.003	69.99	0.0022	0.0065
B_2496	249.678 {1	Y_3710	ppm	0.1654	0.0006	0.3479	0.1658	0.1649
Ba4554	455.403 { 7	Y_3710	ppm	0.0199	0.0005	2.652	0.0203	0.0196
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	64.81	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	15.64	0.0391	0.2497	15.67	15.61
Ca3181	318.128 {1	In2306	ppm	16.1	0.1514	0.9405	16.21	15.99
Cd2288	228.802 {4	Y_2243	ppm	0.0015	0.002	132.9	0.0001	0.0029
Co2286	228.616 {4	In2306	ppm	0.0038	0.0042	111.1	0.0008	0.0068
Cr2677	267.716 {1	Y_3600	ppm	0.0014	0.0003	19.02	0.0012	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0054	0.0003	5.304	0.0057	0.0052
Fe2404	240.488 {1	In2306	ppm	0.0155	0.0042	27.06	0.0184	0.0125
K_7664	766.490 { 4	Y_3710	ppm	2.211	0.0288	1.303	2.231	2.191
K_7698	769.896 { 4	Y_3710	ppm	2.326	0.0068	0.291	2.33	2.321
Li6707	670.784 { 5	Y_3710	ppm	0.0021	0.001	46.17	0.0028	0.0014
Mg2790	279.079 {1	Y_3710	ppm	0.1249	0.0408	32.66	0.1538	0.0961
Mn2576	257.610 {1	Y_3600	ppm	0.0027	0	1.358	0.0027	0.0027
Mn2576-2	257.610 {1	Y_3710	ppm	0.0029	0	1.327	0.0029	0.003
Mo2020	202.030 {4	Y_2243	ppm	0.0129	0.0055	42.11	0.0091	0.0168
Na5895	589.592 { 5	Y_3710	ppm	20.32	0.3373	1.66	20.56	20.08
Na8183	818.326 { 4	Y_3710	ppm	19.66	0.2453	1.248	19.84	19.49
Ni2316	231.604 {4	In2306	ppm	0.0032	0.004	124.7	0.0004	0.006
P_1782	178.284 {4	In2306	ppm	0.0461	0.0004	0.8011	0.0464	0.0458
Pb2203	220.353 {4	In2306	ppm	0.0026	0.0025	95.24	0.0008	0.0043
S_1820	182.034 {4	Y_2243	ppm	-8156	79.12	0.9701	-8212	-8100

Sb2068	206.833 {4	Y_2243	ppm	0.0181	0.0037	20.46	0.0155	0.0207
Se1960	196.090 {4	Y_2243	ppm	0.0096	0.004	41.99	0.0068	0.0125
Si2516	251.611 {1	Y_3710	ppm	0.2762	0.009	3.245	0.2826	0.2699
Sn1899	189.989 {4	In2306	ppm	0.0053	0.0045	84.59	0.0021	0.0084
Sr4215	421.552 { 8	Y_3710	ppm	0.151	0.0007	0.4928	0.1515	0.1505
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0003	16.09	0.0018	0.0014
Tl1908	190.856 {4	In2306	ppm	0.0028	0.0033	121.2	0.0004	0.0051
V_2924	292.402 {1	Y_3600	ppm	0.0041	0.0001	2.401	0.0042	0.0041
Zn2062	206.200 {4	In2306	ppm	0.0605	0.0041	6.751	0.0576	0.0634

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	190.98	1.8134	0.94949	189.7	192.27
In2306	230.606 {4	Cts/S	10080	23.99	0.23799	10063	10097
Y_2243	224.306 {4	Cts/S	12329	38.675	0.3137	12301	12356
Y_3600	360.073 { 9	Cts/S	101570	106.7	0.10505	101500	101650
Y_3710	371.030 { 9	Cts/S	12859	18.041	0.1403	12847	12872

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0	6.297	-0.0002	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0233	0.0208	89.15	0.038	0.0086
As1890	189.042 {4	Y_2243	ppm	-0.0004	0.0005	142.4	-0.0007	0
B_2496	249.678 {1	Y_3710	ppm	0.0054	0.0086	157.7	-0.0006	0.0115
Ba4554	455.403 { 7	Y_3710	ppm	0.0018	0.0001	5.737	0.0017	0.0018
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	22.5	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	0.4092	0.0135	3.311	0.4188	0.3996
Ca3181	318.128 {1	In2306	ppm	0.4157	0.0284	6.821	0.3956	0.4357
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	104.7	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0	3.038	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0004	139.8	0	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0001	0.0002	192.9	0.0002	0
Fe2404	240.488 {1	In2306	ppm	0.1576	0.0111	7.069	0.1497	0.1655
K_7664	766.490 { 4	Y_3710	ppm	0.2395	0.006	2.518	0.2438	0.2353
K_7698	769.896 { 4	Y_3710	ppm	0.1065	0.0074	6.934	0.1013	0.1117
Li6707	670.784 { 5	Y_3710	ppm	-0.001	0.0002	20.33	-0.0011	-0.0009
Mg2790	279.079 {1	Y_3710	ppm	0.0235	0.0227	96.56	0.0074	0.0395
Mn2576	257.610 {1	Y_3600	ppm	0.002	0	2.307	0.002	0.0021
Mn2576-2	257.610 {1	Y_3710	ppm	0.002	0.0002	11.03	0.0022	0.0018
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0001	9.821	0.0007	0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.3347	0.0001	0.034	0.3347	0.3348
Na8183	818.326 { 4	Y_3710	ppm	0.308	0.043	13.97	0.3384	0.2775
Ni2316	231.604 {4	In2306	ppm	0.0005	0.0001	25.08	0.0004	0.0006
P_1782	178.284 {4	In2306	ppm	-0.0001	0.0007	1307	0.0004	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.0034	0.0004	10.83	0.0036	0.0031

S_1820	182.034 {4	Y_2243	ppm	-85.67	22.77	26.58	-69.57	-101.8
Sb2068	206.833 {4	Y_2243	ppm	0.0024	0.0001	5.586	0.0025	0.0023
Se1960	196.090 {4	Y_2243	ppm	-0.0001	0.0006	442.9	0.0003	-0.0005
Si2516	251.611 {1	Y_3710	ppm	0.0034	0.0015	44.09	0.0045	0.0023
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	24.59	0.0004	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.0019	0.0001	3.013	0.0019	0.0018
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0003	52.82	0.0003	0.0007
Tl1908	190.856 {4	In2306	ppm	-0.002	0	0.5677	-0.0019	-0.002
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0002	196.3	0	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0002	7.086	0.0029	0.0032

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	194.87	3.1334	1.6079	192.66	197.09
In2306	230.606 {4	Cts/S	10654	78.878	0.74033	10710	10599
Y_2243	224.306 {4	Cts/S	12676	122.63	0.96743	12762	12589
Y_3600	360.073 { 9	Cts/S	105160	255.36	0.24282	104980	105350
Y_3710	371.030 { 9	Cts/S	13162	99.133	0.75317	13092	13232

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0002	249.6	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	0.027	0.0173	64.14	0.0392	0.0147
As1890	189.042 {4	Y_2243	ppm	-0.0009	0.0007	75.05	-0.0013	-0.0004
B_2496	249.678 {1	Y_3710	ppm	0.004	0.0012	30.54	0.0049	0.0032
Ba4554	455.403 { 7	Y_3710	ppm	0.0017	0	1.605	0.0017	0.0017
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	3407	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.4137	0.005	1.209	0.4102	0.4172
Ca3181	318.128 {1	In2306	ppm	0.4094	0.0228	5.564	0.4256	0.3933
Cd2288	228.802 {4	Y_2243	ppm	0	0	560.1	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	36.04	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0.0003	59.24	0.0003	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0007	0.0002	28.3	0.0009	0.0006
Fe2404	240.488 {1	In2306	ppm	0.1642	0.0076	4.657	0.1696	0.1588
K_7664	766.490 { 4	Y_3710	ppm	0.2299	0.0041	1.772	0.2328	0.227
K_7698	769.896 { 4	Y_3710	ppm	0.1678	0.0164	9.788	0.1562	0.1795
Li6707	670.784 { 5	Y_3710	ppm	0	0.0003	986.1	0.0003	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0099	0.0074	74.35	0.0047	0.0152
Mn2576	257.610 {1	Y_3600	ppm	0.0021	0	1.069	0.0021	0.0021
Mn2576-2	257.610 {1	Y_3710	ppm	0.0023	0.0001	2.46	0.0022	0.0023
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0	12.16	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.2626	0.006	2.279	0.2584	0.2668
Na8183	818.326 { 4	Y_3710	ppm	0.5	0.0078	1.562	0.4945	0.5056
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0002	59.97	0.0004	0.0002
P_1782	178.284 {4	In2306	ppm	0.0004	0.0008	178.2	0.001	-0.0001

Pb2203	220.353 {4	In2306	ppm	0.0072	0.0006	8.645	0.0077	0.0068
S_1820	182.034 {4	Y_2243	ppm	-48.5	2.213	4.564	-46.93	-50.06
Sb2068	206.833 {4	Y_2243	ppm	0.0011	0.0012	112.5	0.0019	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0019	205.6	0.0023	-0.0004
Si2516	251.611 {1	Y_3710	ppm	0.0098	0.0032	32.88	0.012	0.0075
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0003	101.4	0.0001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0019	0.0001	2.705	0.0019	0.0018
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0	9.302	0.0002	0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0015	0.0007	48.9	-0.001	-0.0021
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	305	0	0.0001
Zn2062	206.200 {4	In2306	ppm	0.003	0.0001	4.839	0.0029	0.0032

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	195.61	0.32374	0.1655	195.84	195.38
In2306	230.606 {4	Cts/S	10615	10.56	0.09948	10623	10608
Y_2243	224.306 {4	Cts/S	12660	10.911	0.08618	12668	12652
Y_3600	360.073 { 9	Cts/S	105510	83.089	0.07875	105450	105570
Y_3710	371.030 { 9	Cts/S	13060	29.975	0.22952	13081	13039

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 12:48:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5254	0.0034	0.6505	0.523	0.5278
Al3082	308.215 {1	In2306	ppm	9.998	0.1665	1.666	10.12	9.88
As1890	189.042 {4	Y_2243	ppm	1.045	0.0001	0.0114	1.045	1.045
B_2496	249.678 {1	Y_3710	ppm	1.011	0.0031	0.3065	1.013	1.008
Ba4554	455.403 { 7	Y_3710	ppm	0.9911	0.0051	0.5159	0.9947	0.9875
Be3130	313.042 {1	Y_3710	ppm	0.5042	0.0023	0.4592	0.5058	0.5026
Ca3158	315.887 {1	In2306	ppm	10.33	0.126	1.22	10.42	10.24
Ca3181	318.128 {1	In2306	ppm	10.62	0.1406	1.324	10.72	10.53
Cd2288	228.802 {4	Y_2243	ppm	0.5424	0.0028	0.5168	0.5444	0.5404
Co2286	228.616 {4	In2306	ppm	1.041	0.0053	0.509	1.045	1.037
Cr2677	267.716 {1	Y_3600	ppm	1.068	0.0009	0.0867	1.068	1.067
Cu3247	324.754 {1	Y_3600	ppm	1.061	0.0068	0.6383	1.056	1.066
Fe2404	240.488 {1	In2306	ppm	10.32	0.1527	1.48	10.43	10.21
K_7664	766.490 { 4	Y_3710	ppm	9.663	0.0523	0.5414	9.7	9.626
K_7698	769.896 { 4	Y_3710	ppm	10.44	0.1611	1.543	10.56	10.33
Li6707	670.784 { 5	Y_3710	ppm	0.4892	0.0034	0.6879	0.4916	0.4868
Mg2790	279.079 {1	Y_3710	ppm	10.21	0.0943	0.9236	10.28	10.14
Mn2576	257.610 {1	Y_3600	ppm	1.037	0.002	0.1933	1.036	1.038
Mn2576-2	257.610 {1	Y_3710	ppm	0.9332	0.0037	0.3999	0.9359	0.9306
Mo2020	202.030 {4	Y_2243	ppm	1.03	0.0066	0.6444	1.035	1.025
Na5895	589.592 { 5	Y_3710	ppm	10.31	0.0574	0.5561	10.35	10.27
Na8183	818.326 { 4	Y_3710	ppm	10.36	0.0243	0.2348	10.38	10.34
Ni2316	231.604 {4	In2306	ppm	0.9699	0.004	0.4171	0.9728	0.967

P_1782	178.284 {4	In2306	ppm	-0.0001	0.0005	635.1	0.0003	-0.0004
Pb2203	220.353 {4	In2306	ppm	0.9967	0.0026	0.2584	0.9985	0.9949
S_1820	182.034 {4	Y_2243	ppm	-40.35	0.0829	0.2055	-40.41	-40.3
Sb2068	206.833 {4	Y_2243	ppm	1.013	0.0086	0.8506	1.02	1.007
Se1960	196.090 {4	Y_2243	ppm	1.032	0.0029	0.2768	1.034	1.03
Si2516	251.611 {1	Y_3710	ppm	0.8101	0.0161	1.985	0.7987	0.8214
Sn1899	189.989 {4	In2306	ppm	0.9708	0.0042	0.4337	0.9738	0.9678
Sr4215	421.552 { 8	Y_3710	ppm	0.4817	0.0031	0.6464	0.4839	0.4795
Ti3349	334.904 {1	Y_3600	ppm	1.021	0.0041	0.3996	1.018	1.024
Tl1908	190.856 {4	In2306	ppm	0.9684	0.0045	0.4647	0.9716	0.9652
V_2924	292.402 {1	Y_3600	ppm	1.023	0.0015	0.1425	1.022	1.024
Zn2062	206.200 {4	In2306	ppm	1.021	0.0049	0.4818	1.025	1.018

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	194.64	1.9166	0.98468	193.29	196
In2306	230.606 {4	Cts/S	9960.5	11.483	0.11529	9952.4	9968.6
Y_2243	224.306 {4	Cts/S	12380	16.534	0.13355	12368	12392
Y_3600	360.073 { 9	Cts/S	102140	163.09	0.15968	102250	102020
Y_3710	371.030 { 9	Cts/S	12907	33.631	0.26056	12883	12931

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 12:50:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5294	0.0025	0.4671	0.5312	0.5277
Al3082	308.215 {1	In2306	ppm	10.16	0.1827	1.799	10.03	10.29
As1890	189.042 {4	Y_2243	ppm	1.049	0.0049	0.4632	1.052	1.045
B_2496	249.678 {1	Y_3710	ppm	1.028	0.0024	0.229	1.03	1.026
Ba4554	455.403 { 7	Y_3710	ppm	1.01	0.0029	0.2867	1.008	1.012
Be3130	313.042 {1	Y_3710	ppm	0.511	0.0006	0.1218	0.5106	0.5114
Ca3158	315.887 {1	In2306	ppm	10.41	0.1828	1.757	10.28	10.54
Ca3181	318.128 {1	In2306	ppm	10.7	0.1334	1.247	10.6	10.79
Cd2288	228.802 {4	Y_2243	ppm	0.5478	0.0013	0.2427	0.5488	0.5469
Co2286	228.616 {4	In2306	ppm	1.046	0.0033	0.3117	1.049	1.044
Cr2677	267.716 {1	Y_3600	ppm	1.08	0.0045	0.4137	1.083	1.077
Cu3247	324.754 {1	Y_3600	ppm	1.072	0.0041	0.384	1.075	1.069
Fe2404	240.488 {1	In2306	ppm	10.39	0.1685	1.622	10.27	10.51
K_7664	766.490 { 4	Y_3710	ppm	10.05	0.0697	0.6934	10	10.1
K_7698	769.896 { 4	Y_3710	ppm	10.86	0.0922	0.8494	10.79	10.92
Li6707	670.784 { 5	Y_3710	ppm	0.5124	0.0061	1.199	0.5081	0.5167
Mg2790	279.079 {1	Y_3710	ppm	10.34	0.0078	0.0756	10.35	10.34
Mn2576	257.610 {1	Y_3600	ppm	1.047	0.0039	0.3704	1.05	1.044
Mn2576-2	257.610 {1	Y_3710	ppm	0.9446	0.0003	0.027	0.9444	0.9447
Mo2020	202.030 {4	Y_2243	ppm	1.043	0.0019	0.1833	1.044	1.041
Na5895	589.592 { 5	Y_3710	ppm	10.74	0.1184	1.102	10.65	10.82
Na8183	818.326 { 4	Y_3710	ppm	10.64	0.0725	0.6808	10.59	10.7

Ni2316	231.604 {4	In2306	ppm	0.9733	0.005	0.5131	0.9768	0.9698
P_1782	178.284 {4	In2306	ppm	0.0006	0.0009	153.5	0	0.0012
Pb2203	220.353 {4	In2306	ppm	0.9964	0.0036	0.3657	0.9989	0.9938
S_1820	182.034 {4	Y_2243	ppm	-43.42	0.4316	0.994	-43.72	-43.11
Sb2068	206.833 {4	Y_2243	ppm	1.039	0.003	0.2925	1.041	1.037
Se1960	196.090 {4	Y_2243	ppm	1.042	0.0068	0.653	1.047	1.037
Si2516	251.611 {1	Y_3710	ppm	0.8239	0.0114	1.385	0.8158	0.832
Sn1899	189.989 {4	In2306	ppm	0.9743	0.0061	0.6243	0.9786	0.97
Sr4215	421.552 { 8	Y_3710	ppm	0.4903	0.0012	0.2434	0.4895	0.4912
Ti3349	334.904 {1	Y_3600	ppm	1.031	0.004	0.3834	1.033	1.028
Tl1908	190.856 {4	In2306	ppm	0.9726	0.0051	0.5293	0.9762	0.969
V_2924	292.402 {1	Y_3600	ppm	1.034	0.0006	0.0582	1.034	1.034
Zn2062	206.200 {4	In2306	ppm	1.025	0.0037	0.3565	1.028	1.023

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	193.28	3.3903	1.7541	195.68	190.89
In2306	230.606 {4	Cts/S	9973.9	30.727	0.30807	9952.1	9995.6
Y_2243	224.306 {4	Cts/S	12362	22.24	0.1799	12347	12378
Y_3600	360.073 { 9	Cts/S	102180	289.65	0.28346	101980	102390
Y_3710	371.030 { 9	Cts/S	12810	1.3973	0.01091	12811	12809

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Custom ID3=
Run Time=1/12/2012 12:52:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4908	0.0056	1.138	0.4869	0.4948
Al3082	308.215 {1	In2306	ppm	9.564	0.0487	0.5091	9.53	9.599
As1890	189.042 {4	Y_2243	ppm	0.9973	0.0031	0.3118	0.9951	0.9995
B_2496	249.678 {1	Y_3710	ppm	0.9623	0.0072	0.7466	0.9674	0.9572
Ba4554	455.403 { 7	Y_3710	ppm	0.9584	0.003	0.3128	0.9562	0.9605
Be3130	313.042 {1	Y_3710	ppm	0.4781	0.0024	0.4958	0.4798	0.4765
Ca3158	315.887 {1	In2306	ppm	9.814	0.1025	1.044	9.741	9.886
Ca3181	318.128 {1	In2306	ppm	10.21	0.0478	0.4678	10.18	10.25
Cd2288	228.802 {4	Y_2243	ppm	0.5202	0.001	0.195	0.5195	0.521
Co2286	228.616 {4	In2306	ppm	0.9881	0.0032	0.3236	0.9859	0.9904
Cr2677	267.716 {1	Y_3600	ppm	1.018	0.0026	0.2537	1.02	1.016
Cu3247	324.754 {1	Y_3600	ppm	1.007	0.0173	1.72	0.9949	1.019
Fe2404	240.488 {1	In2306	ppm	9.735	0.0402	0.4125	9.706	9.763
K_7664	766.490 { 4	Y_3710	ppm	9.254	0.0038	0.0415	9.257	9.251
K_7698	769.896 { 4	Y_3710	ppm	9.986	0.0336	0.336	10.01	9.962
Li6707	670.784 { 5	Y_3710	ppm	0.9442	0.0017	0.183	0.9429	0.9454
Mg2790	279.079 {1	Y_3710	ppm	9.728	0.0141	0.1453	9.718	9.738
Mn2576	257.610 {1	Y_3600	ppm	0.9947	0.0074	0.7421	0.9894	0.9999
Mn2576-2	257.610 {1	Y_3710	ppm	0.9085	0.0013	0.1444	0.9094	0.9076
Mo2020	202.030 {4	Y_2243	ppm	0.976	0.0002	0.0233	0.9758	0.9762
Na5895	589.592 { 5	Y_3710	ppm	9.976	0.0043	0.0431	9.979	9.973

Na8183	818.326 {	4	Y_3710	ppm	10.13	0.0965	0.9525	10.2	10.06
Ni2316	231.604 {	4	In2306	ppm	0.9312	0.0014	0.1452	0.9302	0.9322
P_1782	178.284 {	4	In2306	ppm	0.9796	0.0003	0.0357	0.9794	0.9799
Pb2203	220.353 {	4	In2306	ppm	0.9521	0.0023	0.2368	0.9537	0.9505
S_1820	182.034 {	4	Y_2243	ppm	-51.68	1.312	2.538	-52.61	-50.75
Sb2068	206.833 {	4	Y_2243	ppm	0.9932	0.0029	0.2949	0.9953	0.9912
Se1960	196.090 {	4	Y_2243	ppm	0.976	0.0003	0.0275	0.9758	0.9762
Si2516	251.611 {	1	Y_3710	ppm	0.8469	0.0253	2.991	0.829	0.8648
Sn1899	189.989 {	4	In2306	ppm	0.9144	0.0003	0.0336	0.9146	0.9142
Sr4215	421.552 {	8	Y_3710	ppm	0.4626	0.0004	0.0918	0.4629	0.4623
Ti3349	334.904 {	1	Y_3600	ppm	0.9642	0.0075	0.7791	0.9589	0.9695
Tl1908	190.856 {	4	In2306	ppm	0.9205	0.0019	0.2035	0.9192	0.9219
V_2924	292.402 {	1	Y_3600	ppm	0.9589	0.0059	0.618	0.9547	0.9631
Zn2062	206.200 {	4	In2306	ppm	0.9772	0.0027	0.2779	0.9753	0.9791

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {	1	Cts/S	194.62	0.9527	0.48953	195.29	193.94
In2306	230.606 {	4	Cts/S	9975.5	6.7481	0.06765	9980.3	9970.7
Y_2243	224.306 {	4	Cts/S	12397	9.2833	0.07488	12403	12390
Y_3600	360.073 {	9	Cts/S	103250	774.07	0.74971	103800	102700
Y_3710	371.030 {	9	Cts/S	12902	51.181	0.3967	12865	12938

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 12:55:39
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {	1	Y_3600	ppm	0.2545	0.0008	0.3279	0.2539	0.2551
Al3082	308.215 {	1	In2306	ppm	2.377	0.007	0.295	2.372	2.382
As1890	189.042 {	4	Y_2243	ppm	0.5077	0.0017	0.3316	0.5065	0.5089
B_2496	249.678 {	1	Y_3710	ppm	0.4891	0.0065	1.337	0.4845	0.4937
Ba4554	455.403 {	7	Y_3710	ppm	0.4706	0.0078	1.649	0.4652	0.4761
Be3130	313.042 {	1	Y_3710	ppm	0.4886	0.0062	1.267	0.4842	0.4929
Ca3158	315.887 {	1	In2306	ppm	11.96	0.2191	1.832	11.8	12.11
Ca3181	318.128 {	1	In2306	ppm	12.33	0.2272	1.842	12.17	12.49
Cd2288	228.802 {	4	Y_2243	ppm	0.5309	0.001	0.1803	0.5302	0.5316
Co2286	228.616 {	4	In2306	ppm	0.5105	0.0004	0.0857	0.5102	0.5108
Cr2677	267.716 {	1	Y_3600	ppm	0.5276	0.0011	0.2154	0.5284	0.5267
Cu3247	324.754 {	1	Y_3600	ppm	0.5182	0.0018	0.3478	0.5169	0.5195
Fe2404	240.488 {	1	In2306	ppm	2.421	0.0485	2.002	2.387	2.456
K_7664	766.490 {	4	Y_3710	ppm	11.19	0.2136	1.91	11.04	11.34
K_7698	769.896 {	4	Y_3710	ppm	12.2	0.1817	1.489	12.08	12.33
Li6707	670.784 {	5	Y_3710	ppm	0.4558	0.0104	2.272	0.4485	0.4631
Mg2790	279.079 {	1	Y_3710	ppm	4.937	0.0289	0.5844	4.917	4.957
Mn2576	257.610 {	1	Y_3600	ppm	0.5109	0.002	0.3985	0.5094	0.5123
Mn2576-2	257.610 {	1	Y_3710	ppm	0.4504	0.0049	1.087	0.447	0.4539
Mo2020	202.030 {	4	Y_2243	ppm	0.5084	0.0015	0.2974	0.5073	0.5094

Na5895	589.592 { 5	Y_3710	ppm	11.83	0.2381	2.013	11.66	11.99
Na8183	818.326 { 4	Y_3710	ppm	12.16	0.2153	1.77	12.01	12.32
Ni2316	231.604 {4	In2306	ppm	0.4767	0.0004	0.0737	0.4764	0.4769
P_1782	178.284 {4	In2306	ppm	-0.0004	0.0005	129.3	-0.0008	0
Pb2203	220.353 {4	In2306	ppm	0.4858	0.0004	0.0806	0.4855	0.4861
S_1820	182.034 {4	Y_2243	ppm	-272.7	0.4735	0.1737	-272.4	-273
Sb2068	206.833 {4	Y_2243	ppm	0.5066	0.0007	0.1444	0.5071	0.506
Se1960	196.090 {4	Y_2243	ppm	0.5091	0.0014	0.2703	0.5082	0.5101
Si2516	251.611 {1	Y_3710	ppm	0.7726	0.0078	1.004	0.7671	0.7781
Sn1899	189.989 {4	In2306	ppm	0.4798	0.0009	0.1921	0.4804	0.4791
Sr4215	421.552 { 8	Y_3710	ppm	0.233	0.0042	1.786	0.2301	0.236
Ti3349	334.904 {1	Y_3600	ppm	0.5095	0.0012	0.2356	0.5103	0.5086
Tl1908	190.856 {4	In2306	ppm	0.4766	0.0007	0.142	0.477	0.4761
V_2924	292.402 {1	Y_3600	ppm	0.5036	0.0007	0.1316	0.5041	0.5031
Zn2062	206.200 {4	In2306	ppm	0.5056	0.0018	0.3493	0.5068	0.5043

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	199.28	3.3259	1.6689	201.64	196.93
In2306	230.606 {4	Cts/S	10065	30.44	0.30244	10086	10043
Y_2243	224.306 {4	Cts/S	12464	56.18	0.45072	12504	12425
Y_3600	360.073 { 9	Cts/S	101790	394.57	0.38765	102060	101510
Y_3710	371.030 { 9	Cts/S	13093	106.03	0.8098	13168	13018

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Custom ID2=
Custom ID3=
Run Time=1/12/2012 12:58:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0002	3.56	0.0054	0.0051
Al3082	308.215 {1	In2306	ppm	0.1031	0.017	16.51	0.1152	0.0911
As1890	189.042 {4	Y_2243	ppm	0.01	0.0016	16.3	0.0089	0.0112
B_2496	249.678 {1	Y_3710	ppm	0.0105	0.0007	6.234	0.011	0.01
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0005	4.615	0.0101	0.0095
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0001	2.813	0.005	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0943	0.0063	6.63	0.0987	0.0899
Ca3181	318.128 {1	In2306	ppm	0.0366	0.0238	65.12	0.0534	0.0197
Cd2288	228.802 {4	Y_2243	ppm	0.0064	0.0018	28.58	0.0051	0.0077
Co2286	228.616 {4	In2306	ppm	0.0112	0.0019	16.84	0.0099	0.0126
Cr2677	267.716 {1	Y_3600	ppm	0.0108	0.0004	3.719	0.0106	0.0111
Cu3247	324.754 {1	Y_3600	ppm	0.0099	0.0001	1.188	0.0098	0.01
Fe2404	240.488 {1	In2306	ppm	0.0961	0.001	1.091	0.0968	0.0953
K_7664	766.490 { 4	Y_3710	ppm	0.5768	0.0169	2.927	0.5888	0.5649
K_7698	769.896 { 4	Y_3710	ppm	0.5861	0.0106	1.816	0.5936	0.5786
Li6707	670.784 { 5	Y_3710	ppm	0.0088	0.0005	5.688	0.0091	0.0084
Mg2790	279.079 {1	Y_3710	ppm	0.1269	0.0007	0.5427	0.1273	0.1264
Mn2576	257.610 {1	Y_3600	ppm	0.0105	0	0.1246	0.0105	0.0105
Mn2576-2	257.610 {1	Y_3710	ppm	0.0096	0.0009	8.931	0.0102	0.009

Mo2020	202.030 {4	Y_2243	ppm	0.0128	0.0026	19.94	0.011	0.0146
Na5895	589.592 { 5	Y_3710	ppm	0.5931	0.0132	2.223	0.6024	0.5838
Na8183	818.326 { 4	Y_3710	ppm	0.6248	0.1649	26.4	0.7414	0.5082
Ni2316	231.604 {4	In2306	ppm	0.0104	0.002	19.49	0.009	0.0118
P_1782	178.284 {4	In2306	ppm	0.0097	0.0003	3.108	0.0099	0.0095
Pb2203	220.353 {4	In2306	ppm	0.0102	0.0016	15.84	0.0091	0.0114
S_1820	182.034 {4	Y_2243	ppm	-2.062	0.4533	21.99	-1.741	-2.382
Sb2068	206.833 {4	Y_2243	ppm	0.0203	0.0004	2.131	0.0206	0.02
Se1960	196.090 {4	Y_2243	ppm	0.0127	0.0005	3.577	0.0123	0.013
Si2516	251.611 {1	Y_3710	ppm	0.0064	0.0016	24.94	0.0053	0.0075
Sn1899	189.989 {4	In2306	ppm	0.0111	0.0023	20.35	0.0095	0.0127
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0.0002	4.069	0.0049	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0105	0.0002	1.938	0.0107	0.0104
Tl1908	190.856 {4	In2306	ppm	0.0101	0.003	29.56	0.008	0.0122
V_2924	292.402 {1	Y_3600	ppm	0.0106	0.0001	1.023	0.0106	0.0105
Zn2062	206.200 {4	In2306	ppm	0.0109	0.0018	16.34	0.0096	0.0122

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	197.75	3.2114	1.624	195.48	200.02
In2306	230.606 {4	Cts/S	10702	101.8	0.9512	10774	10630
Y_2243	224.306 {4	Cts/S	12797	118.87	0.92891	12881	12713
Y_3600	360.073 { 9	Cts/S	105020	572.06	0.54471	104620	105420
Y_3710	371.030 { 9	Cts/S	13041	187.06	1.4344	12909	13173

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	268.1	0	0.0001
Al3082	308.215 {1	In2306	ppm	0.0194	0.0117	60.35	0.0111	0.0277
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0005	76.22	0.0011	0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.0001	0.0012	836.6	-0.001	0.0007
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0	9.004	0.0002	0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	1.976	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.011	0.0096	86.95	-0.0042	-0.0178
Ca3181	318.128 {1	In2306	ppm	-0.0608	0.0149	24.52	-0.0713	-0.0502
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	212.5	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0002	119.8	0	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0001	20.47	0.0004	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0004	78.14	-0.0002	-0.0007
Fe2404	240.488 {1	In2306	ppm	0.001	0.0037	358.2	0.0037	-0.0016
K_7664	766.490 { 4	Y_3710	ppm	0.0098	0.0053	54.34	0.0061	0.0136
K_7698	769.896 { 4	Y_3710	ppm	-0.0016	0.0212	1287	-0.0167	0.0134
Li6707	670.784 { 5	Y_3710	ppm	-0.0008	0	6.099	-0.0007	-0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.0062	0.0417	668	0.0357	-0.0232
Mn2576	257.610 {1	Y_3600	ppm	0	0	0.1114	0	0

Mn2576-2	257.610 {1	Y_3710	ppm	0.0008	0.0006	71.19	0.0004	0.0012
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0002	55.73	0.0002	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0146	0.0006	3.975	0.0142	0.015
Na8183	818.326 { 4	Y_3710	ppm	-0.1808	0.0979	54.13	-0.1116	-0.25
Ni2316	231.604 {4	In2306	ppm	-0.0003	0.0001	23.58	-0.0003	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0008	0.0002	28.22	-0.0009	-0.0006
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	21.98	0.0003	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1.602	0.0038	0.2363	-1.6	-1.605
Sb2068	206.833 {4	Y_2243	ppm	0.0046	0.0022	48.68	0.003	0.0061
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0007	274.2	-0.0002	0.0008
Si2516	251.611 {1	Y_3710	ppm	-0.0052	0.0049	93.62	-0.0018	-0.0087
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0003	81.65	0.0002	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0	0	114.3	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0003	151.1	0	0.0004
Tl1908	190.856 {4	In2306	ppm	-0.0014	0.0002	11.87	-0.0015	-0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0003	60.53	0.0007	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0002	142.2	0	0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	181.83	21.021	11.561	196.7	166.97
In2306	230.606 {4	Cts/S	10669	22.299	0.209	10685	10654
Y_2243	224.306 {4	Cts/S	12617	34.938	0.27691	12642	12592
Y_3600	360.073 { 9	Cts/S	104340	250.92	0.24049	104160	104510
Y_3710	371.030 { 9	Cts/S	12289	1228.1	9.9935	13157	11420

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Custom ID3=
Run Time=1/12/2012 13:03:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0003	11210	0.0002	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0387	0.0104	26.87	0.0313	0.046
As1890	189.042 {4	Y_2243	ppm	0.0001	0	14.09	0.0002	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0028	0.0051	182.1	-0.0008	0.0064
Ba4554	455.403 { 7	Y_3710	ppm	0.0005	0.0001	27.72	0.0004	0.0005
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	32.38	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0841	0.014	16.65	0.094	0.0742
Ca3181	318.128 {1	In2306	ppm	0.0461	0.0145	31.45	0.0563	0.0358
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	235.6	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0	17.59	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	34.64	0.0003	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0002	0.0005	252.2	0.0002	-0.0005
Fe2404	240.488 {1	In2306	ppm	0.0323	0.0009	2.689	0.0317	0.0329
K_7664	766.490 { 4	Y_3710	ppm	0.0544	0.0124	22.76	0.0456	0.0631
K_7698	769.896 { 4	Y_3710	ppm	-0.0203	0.0107	52.69	-0.0278	-0.0127
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0001	46.05	-0.0004	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0274	0.0125	45.46	0.0186	0.0362

Mn2576	257.610 {1	Y_3600	ppm	0.0004	0.0001	21.37	0.0005	0.0004
Mn2576-2	257.610 {1	Y_3710	ppm	0.0006	0.0003	51.08	0.0004	0.0008
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	37.41	0.0001	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0769	0.0002	0.3149	0.077	0.0767
Na8183	818.326 { 4	Y_3710	ppm	0.0686	0.001	1.455	0.0693	0.0679
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	126.3	0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0002	34.29	-0.0007	-0.0004
Pb2203	220.353 {4	In2306	ppm	0.0011	0.0004	38.77	0.0014	0.0008
S_1820	182.034 {4	Y_2243	ppm	-10.98	1.036	9.439	-11.71	-10.24
Sb2068	206.833 {4	Y_2243	ppm	0.0021	0.0004	21.59	0.0017	0.0024
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0007	31.53	0.0026	0.0016
Si2516	251.611 {1	Y_3710	ppm	-0.002	0.0102	503.7	-0.0092	0.0052
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	184.6	0	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0003	0.0001	18.63	0.0003	0.0004
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0.0001	83.75	-0.0002	-0.0001
Tl1908	190.856 {4	In2306	ppm	-0.002	0.0002	12.49	-0.0021	-0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0001	191.6	0	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0034	0.0002	6.669	0.0035	0.0032

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	196.38	0.57067	0.29059	196.79	195.98
In2306	230.606 {4	Cts/S	10493	251.18	2.3938	10316	10671
Y_2243	224.306 {4	Cts/S	12416	291.57	2.3483	12210	12622
Y_3600	360.073 { 9	Cts/S	111910	10167	9.0848	104720	119100
Y_3710	371.030 { 9	Cts/S	13128	66.941	0.5099	13176	13081

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 13:06:38
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2542	0.0005	0.1862	0.2546	0.2539
Al3082	308.215 {1	In2306	ppm	2.398	0.0233	0.9732	2.382	2.415
As1890	189.042 {4	Y_2243	ppm	0.5094	0.0029	0.5701	0.5074	0.5115
B_2496	249.678 {1	Y_3710	ppm	0.4856	0.0012	0.2405	0.4847	0.4864
Ba4554	455.403 { 7	Y_3710	ppm	0.4785	0.0006	0.1307	0.4789	0.478
Be3130	313.042 {1	Y_3710	ppm	0.4932	0.0006	0.1155	0.4936	0.4928
Ca3158	315.887 {1	In2306	ppm	11.97	0.173	1.445	11.85	12.09
Ca3181	318.128 {1	In2306	ppm	12.31	0.1535	1.247	12.2	12.42
Cd2288	228.802 {4	Y_2243	ppm	0.53	0.0016	0.3104	0.5288	0.5312
Co2286	228.616 {4	In2306	ppm	0.5082	0.0008	0.1561	0.5077	0.5088
Cr2677	267.716 {1	Y_3600	ppm	0.5291	0.0009	0.171	0.5285	0.5298
Cu3247	324.754 {1	Y_3600	ppm	0.5145	0.0007	0.1321	0.515	0.514
Fe2404	240.488 {1	In2306	ppm	2.442	0.0208	0.85	2.428	2.457
K_7664	766.490 { 4	Y_3710	ppm	11.27	0.0397	0.3521	11.3	11.24
K_7698	769.896 { 4	Y_3710	ppm	12.35	0.008	0.0647	12.36	12.35
Li6707	670.784 { 5	Y_3710	ppm	0.4608	0.0026	0.5748	0.4627	0.459

Mg2790	279.079	{1	Y_3710	ppm	5.033	0.0133	0.2634	5.024	5.042
Mn2576	257.610	{1	Y_3600	ppm	0.5109	0.0006	0.1171	0.5104	0.5113
Mn2576-2	257.610	{1	Y_3710	ppm	0.4556	0.0008	0.165	0.4551	0.4562
Mo2020	202.030	{4	Y_2243	ppm	0.5061	0.0001	0.0111	0.5061	0.506
Na5895	589.592	{ 5	Y_3710	ppm	11.96	0.0611	0.5109	12.01	11.92
Na8183	818.326	{ 4	Y_3710	ppm	12.24	0.0178	0.1453	12.25	12.23
Ni2316	231.604	{4	In2306	ppm	0.4739	0.0001	0.0185	0.474	0.4739
P_1782	178.284	{4	In2306	ppm	0.0001	0.0005	344	0.0005	-0.0002
Pb2203	220.353	{4	In2306	ppm	0.4829	0.0002	0.0414	0.4828	0.483
S_1820	182.034	{4	Y_2243	ppm	-268.4	1.079	0.4022	-267.6	-269.1
Sb2068	206.833	{4	Y_2243	ppm	0.5002	0	0.0024	0.5002	0.5002
Se1960	196.090	{4	Y_2243	ppm	0.5063	0.0002	0.0338	0.5062	0.5064
Si2516	251.611	{1	Y_3710	ppm	0.7797	0.0038	0.4846	0.7824	0.7771
Sn1899	189.989	{4	In2306	ppm	0.4758	0	0.0049	0.4758	0.4758
Sr4215	421.552	{ 8	Y_3710	ppm	0.2364	0.0003	0.1416	0.2367	0.2362
Ti3349	334.904	{1	Y_3600	ppm	0.5074	0.0013	0.2494	0.5083	0.5065
Tl1908	190.856	{4	In2306	ppm	0.4706	0.0029	0.6092	0.4726	0.4686
V_2924	292.402	{1	Y_3600	ppm	0.507	0.0011	0.22	0.5062	0.5078
Zn2062	206.200	{4	In2306	ppm	0.5029	0.0021	0.4083	0.5014	0.5043

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	199.64	2.8572	1.4312	201.66	197.62
In2306	230.606	{4	Cts/S	10056	12.774	0.12704	10065	10047
Y_2243	224.306	{4	Cts/S	12419	17.572	0.14149	12432	12407
Y_3600	360.073	{ 9	Cts/S	101720	17.042	0.01675	101710	101740
Y_3710	371.030	{ 9	Cts/S	12997	7.9388	0.06108	12991	13003

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Custom ID1=
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Custom ID3=
Run Time=1/12/2012 13:09:01
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.005	0.0003	5.954	0.0052	0.0048
Al3082	308.215	{1	In2306	ppm	0.1065	0.0208	19.51	0.1212	0.0918
As1890	189.042	{4	Y_2243	ppm	0.0122	0.0036	29.58	0.0096	0.0147
B_2496	249.678	{1	Y_3710	ppm	0.0126	0.0007	5.875	0.0131	0.0121
Ba4554	455.403	{ 7	Y_3710	ppm	0.0096	0.0001	1.447	0.0095	0.0097
Be3130	313.042	{1	Y_3710	ppm	0.0048	0	0.31	0.0048	0.0048
Ca3158	315.887	{1	In2306	ppm	0.0827	0.0008	1.007	0.0833	0.0821
Ca3181	318.128	{1	In2306	ppm	0.0898	0.0225	25.06	0.1057	0.0739
Cd2288	228.802	{4	Y_2243	ppm	0.0089	0.0047	52.74	0.0056	0.0123
Co2286	228.616	{4	In2306	ppm	0.0136	0.0047	34.32	0.0103	0.0169
Cr2677	267.716	{1	Y_3600	ppm	0.0109	0	0.2556	0.0109	0.0109
Cu3247	324.754	{1	Y_3600	ppm	0.0099	0.0003	2.965	0.0101	0.0097
Fe2404	240.488	{1	In2306	ppm	0.0879	0.0073	8.26	0.0931	0.0828
K_7664	766.490	{ 4	Y_3710	ppm	0.5532	0.0105	1.905	0.5607	0.5458
K_7698	769.896	{ 4	Y_3710	ppm	0.5245	0.0303	5.775	0.5459	0.5031

Li6707	670.784 { 5	Y_3710	ppm	0.0082	0.0006	7.334	0.0087	0.0078
Mg2790	279.079 {1	Y_3710	ppm	0.0843	0.0203	24.13	0.0986	0.0699
Mn2576	257.610 {1	Y_3600	ppm	0.0105	0	0.344	0.0106	0.0105
Mn2576-2	257.610 {1	Y_3710	ppm	0.009	0.0006	6.406	0.0085	0.0094
Mo2020	202.030 {4	Y_2243	ppm	0.0153	0.0056	36.68	0.0114	0.0193
Na5895	589.592 { 5	Y_3710	ppm	0.5639	0.0074	1.319	0.5692	0.5586
Na8183	818.326 { 4	Y_3710	ppm	0.5911	0.1111	18.8	0.5126	0.6697
Ni2316	231.604 {4	In2306	ppm	0.0127	0.0046	36.16	0.0094	0.0159
P_1782	178.284 {4	In2306	ppm	0.0091	0.0006	6.044	0.0095	0.0087
Pb2203	220.353 {4	In2306	ppm	0.0128	0.0037	28.68	0.0102	0.0154
S_1820	182.034 {4	Y_2243	ppm	-1.209	1.774	146.7	0.0452	-2.463
Sb2068	206.833 {4	Y_2243	ppm	0.0209	0.0042	20.22	0.0179	0.0239
Se1960	196.090 {4	Y_2243	ppm	0.0137	0.003	21.49	0.0116	0.0158
Si2516	251.611 {1	Y_3710	ppm	0.0054	0.0024	45.22	0.0071	0.0037
Sn1899	189.989 {4	In2306	ppm	0.0134	0.0052	38.84	0.0097	0.0171
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0.0001	1.679	0.0047	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0104	0.0005	5.153	0.0108	0.0101
Tl1908	190.856 {4	In2306	ppm	0.0124	0.0049	39.46	0.0089	0.0158
V_2924	292.402 {1	Y_3600	ppm	0.0105	0.0006	5.249	0.0109	0.0101
Zn2062	206.200 {4	In2306	ppm	0.0132	0.0045	33.85	0.0101	0.0164

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	200.54	4.5473	2.2675	197.33	203.76
In2306	230.606 {4	Cts/S	10597	58.989	0.55666	10639	10555
Y_2243	224.306 {4	Cts/S	12626	73.878	0.58513	12678	12574
Y_3600	360.073 { 9	Cts/S	104830	200.74	0.1915	104680	104970
Y_3710	371.030 { 9	Cts/S	13211	17.252	0.13058	13223	13199

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 13:11:46
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0004	153.9	0	-0.0006
Al3082	308.215 {1	In2306	ppm	0.0212	0.0083	39.22	0.0271	0.0153
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0007	89.04	-0.0013	-0.0003
B_2496	249.678 {1	Y_3710	ppm	0.0016	0.0005	29.78	0.0013	0.002
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0002	130.4	0	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	278.3	0	0
Ca3158	315.887 {1	In2306	ppm	-0.0025	0.0049	195.6	0.001	-0.006
Ca3181	318.128 {1	In2306	ppm	-0.0283	0.0931	329.4	0.0376	-0.0941
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0003	252.5	-0.0001	0.0004
Co2286	228.616 {4	In2306	ppm	0.0004	0.0004	86.39	0.0002	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	75.16	0	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0004	139.8	0	-0.0005
Fe2404	240.488 {1	In2306	ppm	-0.0017	0.0013	74.68	-0.0008	-0.0027
K_7664	766.490 { 4	Y_3710	ppm	0.017	0.0055	32.18	0.0209	0.0131

K_7698	769.896 { 4	Y_3710	ppm	-0.0607	0.0303	49.9	-0.0821	-0.0393
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0001	68.51	0	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0179	0.0181	101.2	0.0307	0.0051
Mn2576	257.610 {1	Y_3600	ppm	0	0	116.6	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0006	76.87	0.0003	0.0011
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0.0006	109.4	0.0001	0.001
Na5895	589.592 { 5	Y_3710	ppm	0.0084	0.0031	36.89	0.0106	0.0062
Na8183	818.326 { 4	Y_3710	ppm	0.3034	0.0306	10.07	0.2818	0.325
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0003	315.5	-0.0003	0.0001
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0002	40.91	-0.0007	-0.0004
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0006	108.5	0.0001	0.0009
S_1820	182.034 {4	Y_2243	ppm	-0.4802	0.7815	162.8	-1.033	0.0725
Sb2068	206.833 {4	Y_2243	ppm	0.0033	0.0013	38.51	0.0042	0.0024
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0003	33.95	0.0011	0.0007
Si2516	251.611 {1	Y_3710	ppm	0.0015	0.0033	215.4	0.0039	-0.0008
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0005	280.4	-0.0002	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0	0	76.54	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0007	0.0002	23.49	-0.0006	-0.0008
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0006	281.2	0.0002	-0.0006
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	14.2	0.0004	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0004	0.0003	83.2	0.0002	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	200.54	2.3583	1.1759	198.87	202.21
In2306	230.606 {4	Cts/S	10658	7.3728	0.06918	10652	10663
Y_2243	224.306 {4	Cts/S	12594	4.4481	0.03532	12597	12591
Y_3600	360.073 { 9	Cts/S	103340	2580	2.4966	105160	101510
Y_3710	371.030 { 9	Cts/S	13169	25.439	0.19318	13151	13187

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0007	0.0002	25.4	-0.0006	-0.0009
Al3082	308.215 {1	In2306	ppm	523	6.087	1.164	518.7	527.3
As1890	189.042 {4	Y_2243	ppm	0.001	0.0025	248	0.0028	-0.0008
B_2496	249.678 {1	Y_3710	ppm	-0.0007	0.0106	1446	0.0068	-0.0083
Ba4554	455.403 { 7	Y_3710	ppm	0.0008	0.0003	39.28	0.001	0.0006
Be3130	313.042 {1	Y_3710	ppm	0	0	347.8	0	0
Ca3158	315.887 {1	In2306	ppm	507	8.948	1.765	500.7	513.3
Ca3181	318.128 {1	In2306	ppm	528.3	9.3	1.76	521.8	534.9
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0002	150.2	-0.0002	0
Co2286	228.616 {4	In2306	ppm	0.0004	0	5.027	0.0004	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0022	0.0005	20.27	0.0019	0.0026
Cu3247	324.754 {1	Y_3600	ppm	0.003	0.0003	10.14	0.0028	0.0032
Fe2404	240.488 {1	In2306	ppm	199.9	3.3	1.651	197.6	202.2

K_7664	766.490 { 4	Y_3710	ppm	0.0037	0.0231	620.6	0.02	-0.0126
K_7698	769.896 { 4	Y_3710	ppm	-0.1652	0.0012	0.7122	-0.1661	-0.1644
Li6707	670.784 { 5	Y_3710	ppm	0.0086	0.0002	2.63	0.0084	0.0087
Mg2790	279.079 {1	Y_3710	ppm	607.1	7.736	1.274	601.6	612.6
Mn2576	257.610 {1	Y_3600	ppm	-0.0057	0.0001	2.087	-0.0056	-0.0058
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0079	0.0005	6.481	-0.0075	-0.0083
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0002	84.07	0.0001	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0382	0.0016	4.17	0.0393	0.0371
Na8183	818.326 { 4	Y_3710	ppm	0.8504	0.1253	14.73	0.939	0.7618
Ni2316	231.604 {4	In2306	ppm	0.0052	0.0001	2.034	0.0051	0.0052
P_1782	178.284 {4	In2306	ppm	0.0025	0.0012	46.2	0.0034	0.0017
Pb2203	220.353 {4	In2306	ppm	-0.0196	0.0017	8.851	-0.0208	-0.0184
S_1820	182.034 {4	Y_2243	ppm	35.3	0.3185	0.9024	35.07	35.52
Sb2068	206.833 {4	Y_2243	ppm	-0.0119	0.0027	22.44	-0.01	-0.0138
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0002	36.03	0.0005	0.0009
Si2516	251.611 {1	Y_3710	ppm	-0.0058	0.0208	358.6	-0.0205	0.0089
Sn1899	189.989 {4	In2306	ppm	0.0023	0.0006	25.31	0.0027	0.0019
Sr4215	421.552 { 8	Y_3710	ppm	0.0024	0	0.5732	0.0024	0.0024
Ti3349	334.904 {1	Y_3600	ppm	0.0021	0	0.91	0.0021	0.0021
Tl1908	190.856 {4	In2306	ppm	-0.0062	0.0024	38.09	-0.0046	-0.0079
V_2924	292.402 {1	Y_3600	ppm	-0.0019	0.0002	12.87	-0.0017	-0.0021
Zn2062	206.200 {4	In2306	ppm	0.0044	0.0001	2.61	0.0045	0.0044

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	181.47	2.0267	1.1168	182.9	180.03
In2306	230.606 {4	Cts/S	7794.9	60.398	0.77485	7837.6	7752.2
Y_2243	224.306 {4	Cts/S	11031	113.74	1.0311	11111	10950
Y_3600	360.073 { 9	Cts/S	88145	64.355	0.07301	88100	88191
Y_3710	371.030 { 9	Cts/S	11312	53.652	0.47431	11350	11274

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5984	0.0395	6.603	0.6264	0.5705
Al3082	308.215 {1	In2306	ppm	541.9	1.378	0.2543	542.9	540.9
As1890	189.042 {4	Y_2243	ppm	1.053	0.0028	0.2614	1.055	1.051
B_2496	249.678 {1	Y_3710	ppm	1.117	0.0084	0.7512	1.122	1.111
Ba4554	455.403 { 7	Y_3710	ppm	1.122	0.0008	0.0692	1.123	1.122
Be3130	313.042 {1	Y_3710	ppm	0.5362	0.0001	0.0137	0.5363	0.5362
Ca3158	315.887 {1	In2306	ppm	515.4	4.279	0.8302	518.4	512.4
Ca3181	318.128 {1	In2306	ppm	540	4.46	0.826	543.2	536.9
Cd2288	228.802 {4	Y_2243	ppm	0.566	0.0018	0.3192	0.5673	0.5648
Co2286	228.616 {4	In2306	ppm	1.037	0.0021	0.2025	1.038	1.035
Cr2677	267.716 {1	Y_3600	ppm	1.062	0.0514	4.838	1.098	1.026
Cu3247	324.754 {1	Y_3600	ppm	1.165	0.0783	6.724	1.22	1.109

Fe2404	240.488 {1	In2306	ppm	209.4	1.564	0.747	210.5	208.3
K_7664	766.490 { 4	Y_3710	ppm	10.48	0.0654	0.6238	10.44	10.53
K_7698	769.896 { 4	Y_3710	ppm	11.63	0.0299	0.2574	11.61	11.65
Li6707	670.784 { 5	Y_3710	ppm	1.063	0.0026	0.2458	1.061	1.065
Mg2790	279.079 {1	Y_3710	ppm	622.6	0.5424	0.0871	623	622.2
Mn2576	257.610 {1	Y_3600	ppm	1.013	0.0583	5.753	1.054	0.972
Mn2576-2	257.610 {1	Y_3710	ppm	1.002	0.0016	0.1568	1.003	1.001
Mo2020	202.030 {4	Y_2243	ppm	0.9468	0.005	0.5279	0.9504	0.9433
Na5895	589.592 { 5	Y_3710	ppm	11.04	0.0274	0.2484	11.02	11.05
Na8183	818.326 { 4	Y_3710	ppm	12	0.0873	0.7269	12.07	11.94
Ni2316	231.604 {4	In2306	ppm	0.9645	0.0021	0.2203	0.966	0.963
P_1782	178.284 {4	In2306	ppm	1.168	0.009	0.771	1.174	1.162
Pb2203	220.353 {4	In2306	ppm	0.9481	0.0044	0.4685	0.9513	0.945
S_1820	182.034 {4	Y_2243	ppm	37.78	0.1559	0.4126	37.89	37.67
Sb2068	206.833 {4	Y_2243	ppm	1.013	0.0052	0.5109	1.017	1.01
Se1960	196.090 {4	Y_2243	ppm	1.031	0.01	0.9718	1.038	1.024
Si2516	251.611 {1	Y_3710	ppm	0.9046	0.0055	0.6087	0.9007	0.9085
Sn1899	189.989 {4	In2306	ppm	0.9538	0.0002	0.0223	0.9537	0.954
Sr4215	421.552 { 8	Y_3710	ppm	0.5306	0.0007	0.124	0.5302	0.5311
Ti3349	334.904 {1	Y_3600	ppm	1.035	0.0575	5.555	1.076	0.9948
Tl1908	190.856 {4	In2306	ppm	0.8909	0.0042	0.4711	0.888	0.8939
V_2924	292.402 {1	Y_3600	ppm	1.018	0.0508	4.992	1.054	0.982
Zn2062	206.200 {4	In2306	ppm	1.042	0.001	0.0992	1.043	1.042

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	177.58	0.72869	0.41034	177.07	178.1
In2306	230.606 {4	Cts/S	7683.1	19.752	0.25709	7669.2	7697.1
Y_2243	224.306 {4	Cts/S	10879	35.617	0.32739	10854	10904
Y_3600	360.073 { 9	Cts/S	84732	4228.6	4.9906	81742	87722
Y_3710	371.030 { 9	Cts/S	11094	17.153	0.15462	11106	11082

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2435	0.0118	4.866	0.2519	0.2351
Al3082	308.215 {1	In2306	ppm	2.468	0.0629	2.547	2.513	2.424
As1890	189.042 {4	Y_2243	ppm	0.5202	0.0064	1.235	0.5247	0.5156
B_2496	249.678 {1	Y_3710	ppm	0.4843	0.0001	0.0176	0.4843	0.4844
Ba4554	455.403 { 7	Y_3710	ppm	0.4852	0.0006	0.1202	0.4848	0.4856
Be3130	313.042 {1	Y_3710	ppm	0.4885	0.002	0.3994	0.4899	0.4871
Ca3158	315.887 {1	In2306	ppm	12.18	0.0555	0.4555	12.22	12.14
Ca3181	318.128 {1	In2306	ppm	12.59	0.0126	0.1002	12.6	12.58
Cd2288	228.802 {4	Y_2243	ppm	0.5405	0.0085	1.575	0.5465	0.5345
Co2286	228.616 {4	In2306	ppm	0.5212	0.0054	1.036	0.525	0.5174
Cr2677	267.716 {1	Y_3600	ppm	0.5084	0.0275	5.411	0.5279	0.489

Cu3247	324.754 {1	Y_3600	ppm	0.4935	0.0266	5.398	0.5123	0.4746
Fe2404	240.488 {1	In2306	ppm	2.464	0.002	0.0811	2.465	2.462
K_7664	766.490 { 4	Y_3710	ppm	11.53	0.0007	0.0058	11.54	11.53
K_7698	769.896 { 4	Y_3710	ppm	12.54	0.0513	0.4093	12.58	12.51
Li6707	670.784 { 5	Y_3710	ppm	0.4747	0.0009	0.1986	0.4754	0.4741
Mg2790	279.079 {1	Y_3710	ppm	4.998	0.0626	1.253	5.042	4.954
Mn2576	257.610 {1	Y_3600	ppm	0.4906	0.0261	5.32	0.5091	0.4722
Mn2576-2	257.610 {1	Y_3710	ppm	0.454	0.0029	0.6315	0.456	0.452
Mo2020	202.030 {4	Y_2243	ppm	0.5211	0.0055	1.055	0.525	0.5172
Na5895	589.592 { 5	Y_3710	ppm	12.26	0.0105	0.0855	12.27	12.25
Na8183	818.326 { 4	Y_3710	ppm	12.39	0.1231	0.9934	12.48	12.3
Ni2316	231.604 {4	In2306	ppm	0.4875	0.0044	0.9036	0.4906	0.4844
P_1782	178.284 {4	In2306	ppm	0.0012	0.0034	290.1	-0.0012	0.0035
Pb2203	220.353 {4	In2306	ppm	0.494	0.0036	0.7365	0.4966	0.4915
S_1820	182.034 {4	Y_2243	ppm	-275.7	4.739	1.719	-279	-272.3
Sb2068	206.833 {4	Y_2243	ppm	0.5327	0.0059	1.101	0.5369	0.5286
Se1960	196.090 {4	Y_2243	ppm	0.5209	0.0071	1.37	0.526	0.5159
Si2516	251.611 {1	Y_3710	ppm	0.7709	0.0087	1.133	0.7647	0.777
Sn1899	189.989 {4	In2306	ppm	0.4896	0.0043	0.8814	0.4927	0.4866
Sr4215	421.552 { 8	Y_3710	ppm	0.2383	0.0003	0.137	0.2381	0.2386
Ti3349	334.904 {1	Y_3600	ppm	0.4896	0.0271	5.54	0.5088	0.4704
Tl1908	190.856 {4	In2306	ppm	0.4873	0.0056	1.141	0.4912	0.4833
V_2924	292.402 {1	Y_3600	ppm	0.4855	0.0293	6.028	0.5062	0.4648
Zn2062	206.200 {4	In2306	ppm	0.5162	0.0046	0.8909	0.5195	0.513

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	191.95	0.41552	0.21648	191.66	192.24
In2306	230.606 {4	Cts/S	9849.6	43.634	0.443	9818.7	9880.5
Y_2243	224.306 {4	Cts/S	12204	112.67	0.92325	12124	12284
Y_3600	360.073 { 9	Cts/S	105330	4337.2	4.1178	102260	108390
Y_3710	371.030 { 9	Cts/S	12838	25.792	0.2009	12820	12857

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0003	188.2	0	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0187	0.009	48.34	0.0251	0.0123
As1890	189.042 {4	Y_2243	ppm	0.0024	0.0017	70.32	0.0012	0.0036
B_2496	249.678 {1	Y_3710	ppm	0	0.0066	15260	0.0047	-0.0046
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0	4.165	0.0002	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	28.7	0	0
Ca3158	315.887 {1	In2306	ppm	0.0022	0.0026	119.2	0.0003	0.004
Ca3181	318.128 {1	In2306	ppm	-0.0159	0.0116	72.76	-0.024	-0.0077
Cd2288	228.802 {4	Y_2243	ppm	0.0014	0.0021	151.2	-0.0001	0.0029
Co2286	228.616 {4	In2306	ppm	0.0018	0.0022	121.3	0.0003	0.0034

Cr2677	267.716 {1	Y_3600	ppm	0.0004	0.0001	12.3	0.0005	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0007	0	1.263	-0.0007	-0.0007
Fe2404	240.488 {1	In2306	ppm	0.0058	0.0069	118.3	0.0009	0.0107
K_7664	766.490 { 4	Y_3710	ppm	0.0222	0.0052	23.44	0.0258	0.0185
K_7698	769.896 { 4	Y_3710	ppm	-0.0133	0.0442	332.3	0.018	-0.0446
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0.0002	66.64	-0.0004	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0032	0.0312	988.9	-0.0189	0.0252
Mn2576	257.610 {1	Y_3600	ppm	0	0	147.1	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0005	0.0001	28.62	0.0004	0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0033	0.0032	97.64	0.001	0.0055
Na5895	589.592 { 5	Y_3710	ppm	0.014	0.0013	9.061	0.0131	0.0149
Na8183	818.326 { 4	Y_3710	ppm	-0.009	0.0243	270.9	0.0082	-0.0261
Ni2316	231.604 {4	In2306	ppm	0.0015	0.002	126.8	0.0002	0.0029
P_1782	178.284 {4	In2306	ppm	0	0.0007	3115	-0.0005	0.0004
Pb2203	220.353 {4	In2306	ppm	0.0012	0.0018	147.4	-0.0001	0.0025
S_1820	182.034 {4	Y_2243	ppm	-1.951	0.6327	32.43	-1.504	-2.398
Sb2068	206.833 {4	Y_2243	ppm	0.0142	0.0033	23.28	0.0118	0.0165
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0004	34.25	0.0009	0.0016
Si2516	251.611 {1	Y_3710	ppm	-0.0125	0.0062	49.95	-0.0169	-0.0081
Sn1899	189.989 {4	In2306	ppm	0.0026	0.0026	98.98	0.0008	0.0044
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	271.3	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0001	9.481	0.0009	0.0008
Tl1908	190.856 {4	In2306	ppm	0.0004	0.0019	531.2	-0.001	0.0017
V_2924	292.402 {1	Y_3600	ppm	0.0005	0	8.782	0.0005	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0016	0.0021	129.4	0.0001	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	190.45	1.9012	0.99824	189.11	191.8
In2306	230.606 {4	Cts/S	10706	161.74	1.5108	10820	10591
Y_2243	224.306 {4	Cts/S	12684	184.06	1.4511	12814	12554
Y_3600	360.073 { 9	Cts/S	104560	134.99	0.1291	104660	104470
Y_3710	371.030 { 9	Cts/S	12931	20.626	0.15951	12945	12916

[Sample Header]
Method=ICP6500Metals_TRY3(v610)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 13:25:00
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0004	168.4	0	-0.0005
Al3082	308.215 {1	In2306	ppm	0.0101	0.0071	70.33	0.0051	0.0151
As1890	189.042 {4	Y_2243	ppm	0.0002	0.0013	570.6	-0.0007	0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0019	0.0041	222.7	0.0011	-0.0048
Ba4554	455.403 { 7	Y_3710	ppm	0.0004	0.0002	37.31	0.0005	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	342.8	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0128	0.0006	5.073	-0.0132	-0.0123
Ca3181	318.128 {1	In2306	ppm	-0.0208	0.0186	89.53	-0.0076	-0.0339
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0002	347.4	-0.0002	0.0001

Co2286	228.616 {4	In2306	ppm	0.0003	0.0003	109.8	0.0001	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0003	119.2	0	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0001	0	30.84	0.0001	0.0001
Fe2404	240.488 {1	In2306	ppm	-0.006	0.0021	35.73	-0.0045	-0.0075
K_7664	766.490 { 4	Y_3710	ppm	0.0401	0.0081	20.29	0.0459	0.0344
K_7698	769.896 { 4	Y_3710	ppm	-0.4472	0.068	15.2	-0.4953	-0.3991
Li6707	670.784 { 5	Y_3710	ppm	-0.0005	0	5.252	-0.0005	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0071	0.0216	302.9	0.0224	-0.0081
Mn2576	257.610 {1	Y_3600	ppm	0	0	15.12	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0	15.99	0.0003	0.0002
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	16.82	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0255	0.0008	3.033	0.0261	0.025
Na8183	818.326 { 4	Y_3710	ppm	0.0009	0.014	1552	-0.009	0.0108
Ni2316	231.604 {4	In2306	ppm	-0.0005	0	7.642	-0.0006	-0.0005
P_1782	178.284 {4	In2306	ppm	-0.0019	0.0005	27.27	-0.0023	-0.0016
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0006	437.4	-0.0006	0.0003
S_1820	182.034 {4	Y_2243	ppm	-0.9674	0.787	81.36	-1.524	-0.4109
Sb2068	206.833 {4	Y_2243	ppm	-0.0001	0.0011	1890	-0.0008	0.0007
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0017	529.3	-0.0009	0.0015
Si2516	251.611 {1	Y_3710	ppm	-0.0088	0.0029	33.01	-0.0068	-0.0109
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	46.31	-0.0005	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	119.3	0	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	-0.0007	0.0007	101.2	-0.0002	-0.0012
Tl1908	190.856 {4	In2306	ppm	-0.0013	0.0004	35.1	-0.0016	-0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0003	103	0.0001	0.0004
Zn2062	206.200 {4	In2306	ppm	0	0.0002	776.8	-0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	205.64	4.5761	2.2253	208.88	202.4
In2306	230.606 {4	Cts/S	11004	59.623	0.54183	11046	10962
Y_2243	224.306 {4	Cts/S	12797	75.627	0.59095	12851	12744
Y_3600	360.073 { 9	Cts/S	105850	130.3	0.12309	105760	105940
Y_3710	371.030 { 9	Cts/S	13387	47.84	0.35735	13421	13354

[Sample Header]
Method=ICP6500Metals_TRY3(v610)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/12/2012 13:27:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0	10.17	-0.0004	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0061	0.0249	405.7	-0.0115	0.0237
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0006	820.4	-0.0005	0.0004
B_2496	249.678 {1	Y_3710	ppm	-0.0018	0.001	58	-0.0025	-0.0011
Ba4554	455.403 { 7	Y_3710	ppm	0.0005	0.0001	19.55	0.0005	0.0004
Be3130	313.042 {1	Y_3710	ppm	0	0	39.65	0	0
Ca3158	315.887 {1	In2306	ppm	-0.0039	0.005	128.7	-0.0004	-0.0075
Ca3181	318.128 {1	In2306	ppm	-0.0329	0.0243	73.99	-0.0157	-0.0501

Cd2288	228.802 {4	Y_2243	ppm	-0.0003	0	3.805	-0.0003	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	29.28	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0003	252.9	-0.0001	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0001	0	16.13	-0.0001	-0.0001
Fe2404	240.488 {1	In2306	ppm	-0.0044	0.0016	35.65	-0.0056	-0.0033
K_7664	766.490 { 4	Y_3710	ppm	0.0071	0.0036	50.15	0.0046	0.0096
K_7698	769.896 { 4	Y_3710	ppm	-0.4516	0.0413	9.155	-0.4224	-0.4809
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0.0001	15.33	-0.0005	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.017	0.0257	151.7	0.0352	-0.0012
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	81.78	-0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0005	0.0006	115.9	0.0009	0.0001
Mo2020	202.030 {4	Y_2243	ppm	0	0	15730	0	0
Na5895	589.592 { 5	Y_3710	ppm	0.0179	0.0006	3.289	0.0175	0.0183
Na8183	818.326 { 4	Y_3710	ppm	0.2747	0.0128	4.672	0.2838	0.2656
Ni2316	231.604 {4	In2306	ppm	-0.0004	0.0001	26.55	-0.0004	-0.0005
P_1782	178.284 {4	In2306	ppm	-0.0018	0.001	58.87	-0.001	-0.0025
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0009	169	0.0011	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-0.474	0.2055	43.35	-0.6193	-0.3287
Sb2068	206.833 {4	Y_2243	ppm	-0.0016	0.0006	36.8	-0.002	-0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0003	13.84	0.0023	0.0019
Si2516	251.611 {1	Y_3710	ppm	-0.024	0.0053	21.89	-0.0277	-0.0203
Sn1899	189.989 {4	In2306	ppm	-0.0004	0	1.325	-0.0004	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	2850	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0008	0	4.052	-0.0007	-0.0008
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0006	194.5	0.0001	-0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0002	48.61	0.0003	0.0006
Zn2062	206.200 {4	In2306	ppm	-0.0002	0	6.853	-0.0002	-0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	203.07	2.5579	1.2596	204.88	201.27
In2306	230.606 {4	Cts/S	11017	113.76	1.0326	11097	10936
Y_2243	224.306 {4	Cts/S	12838	164.68	1.2828	12955	12722
Y_3600	360.073 { 9	Cts/S	105270	213.91	0.2032	105420	105120
Y_3710	371.030 { 9	Cts/S	13156	93.263	0.70892	13221	13090

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SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 7:33:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0002	0.0003	138.8	0	0.0004
Al3082	308.215	{1	In2306	ppm	-0.0291	0.022	75.64	-0.0446	-0.0135
As1890	189.042	{4	Y_2243	ppm	-0.0006	0.0001	15.7	-0.0007	-0.0006
B_2496	249.678	{1	Y_3710	ppm	-0.0049	0.0046	93.56	-0.0017	-0.0082
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0001	0.0003	428.9	-0.0003	0.0001
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0001	97.38	0.0002	0
Ca3158	315.887	{1	In2306	ppm	-0.0037	0.0099	268.4	-0.0106	0.0033
Ca3181	318.128	{1	In2306	ppm	0.0005	0.0058	1268	-0.0037	0.0046
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0.0001	136.3	0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0001	0	30.63	0.0001	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0003	0.0003	84.86	0.0001	0.0006
Cu3247	324.754	{1	Y_3600	ppm	0.0004	0.0001	25.89	0.0005	0.0003
Fe2404	240.488	{1	In2306	ppm	-0.0106	0.003	28.13	-0.0126	-0.0085
K_7664	766.490	{ 4	Y_3710	ppm	-0.0127	0.0014	10.86	-0.0117	-0.0137
K_7698	769.896	{ 4	Y_3710	ppm	0.0087	0.0723	826.9	-0.0424	0.0598
Li6707	670.784	{ 5	Y_3710	ppm	0.0004	0.0003	73.94	0.0007	0.0002
Mg2790	279.079	{1	Y_3710	ppm	0.022	0.014	63.48	0.0121	0.0319
Mn2576	257.610	{1	Y_3600	ppm	-0.0001	0.0001	57.43	-0.0001	-0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	0.0002	0.0001	39.3	0.0002	0.0003
Mo2020	202.030	{4	Y_2243	ppm	0	0	13.64	0	0
Na5895	589.592	{ 5	Y_3710	ppm	-0.0052	0.0064	122	-0.0007	-0.0098
Na8183	818.326	{ 4	Y_3710	ppm	-0.1671	0.119	71.19	-0.2512	-0.083
Ni2316	231.604	{4	In2306	ppm	-0.0002	0	27.41	-0.0001	-0.0002
P_1782	178.284	{4	In2306	ppm	-0.0026	0.0006	22.67	-0.0022	-0.003
Pb2203	220.353	{4	In2306	ppm	0.0002	0.0004	271.8	-0.0001	0.0005
S_1820	182.034	{4	Y_2243	ppm	0.0896	0.2491	278	-0.0865	0.2658
Sb2068	206.833	{4	Y_2243	ppm	0.001	0	4.247	0.001	0.001
Se1960	196.090	{4	Y_2243	ppm	-0.0015	0.0008	52.69	-0.0021	-0.001
Si2516	251.611	{1	Y_3710	ppm	-0.0052	0.0029	56.14	-0.0073	-0.0032
Sn1899	189.989	{4	In2306	ppm	-0.0003	0.0005	173.4	-0.0006	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	-0.0001	0.0002	152.5	0	-0.0002
Ti3349	334.904	{1	Y_3600	ppm	-0.0008	0.0007	78.26	-0.0004	-0.0013
Tl1908	190.856	{4	In2306	ppm	-0.0002	0.0001	56.91	-0.0001	-0.0003
V_2924	292.402	{1	Y_3600	ppm	-0.0003	0.0002	97.84	-0.0004	-0.0001
Zn2062	206.200	{4	In2306	ppm	0	0	941.5	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	158.23	0.15644	0.09887	158.11	158.34
In2306	230.606	{4	Cts/S	10810	99.419	0.91968	10880	10740
Y_2243	224.306	{4	Cts/S	13363	103.13	0.77176	13436	13290
Y_3600	360.073	{ 9	Cts/S	108370	64.484	0.0595	108330	108420

Y_3710	371.030 {	9	Cts/S		10892	14.361	0.13185	10882	10902

[Sample Header]
Method=ICP6500Metals_TRY3(v613)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 7:36:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.0005	585.5	0.0004	-0.0003
Al3082	308.215	{1	In2306	ppm	-0.0171	0.0058	33.85	-0.013	-0.0212
As1890	189.042	{4	Y_2243	ppm	-0.0001	0.0008	1229	0.0005	-0.0007
B_2496	249.678	{1	Y_3710	ppm	-0.0034	0.0046	135.6	-0.0001	-0.0067
Ba4554	455.403	{ 7	Y_3710	ppm	0	0	53.83	0	0
Be3130	313.042	{1	Y_3710	ppm	0.0001	0	53.36	0	0.0001
Ca3158	315.887	{1	In2306	ppm	-0.0026	0.0062	242.2	0.0018	-0.007
Ca3181	318.128	{1	In2306	ppm	0.01	0.0086	85.92	0.0039	0.016
Cd2288	228.802	{4	Y_2243	ppm	0	0.0001	305.2	0.0001	0
Co2286	228.616	{4	In2306	ppm	0	0.0002	3160	-0.0001	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0001	0.0001	60.99	0.0001	0.0001
Cu3247	324.754	{1	Y_3600	ppm	0.0001	0	68.88	0.0001	0
Fe2404	240.488	{1	In2306	ppm	-0.0094	0.0155	164.8	-0.0204	0.0016
K_7664	766.490	{ 4	Y_3710	ppm	-0.0185	0.0204	110.7	-0.0329	-0.004
K_7698	769.896	{ 4	Y_3710	ppm	-0.0387	0.0151	39.02	-0.0494	-0.0281
Li6707	670.784	{ 5	Y_3710	ppm	0.0009	0.0002	25.17	0.001	0.0007
Mg2790	279.079	{1	Y_3710	ppm	-0.0149	0.0256	171.6	0.0032	-0.033
Mn2576	257.610	{1	Y_3600	ppm	-0.0001	0	93.64	0	-0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0014	0.0001	4.043	-0.0013	-0.0014
Mo2020	202.030	{4	Y_2243	ppm	-0.0001	0	35.92	-0.0001	-0.0002
Na5895	589.592	{ 5	Y_3710	ppm	-0.0037	0.0008	21.28	-0.0042	-0.0031
Na8183	818.326	{ 4	Y_3710	ppm	-0.111	0.0996	89.7	-0.1814	-0.0406
Ni2316	231.604	{4	In2306	ppm	0.0002	0	25.65	0.0002	0.0002
P_1782	178.284	{4	In2306	ppm	-0.0021	0.0005	21.19	-0.0018	-0.0024
Pb2203	220.353	{4	In2306	ppm	0.0003	0.0001	41.6	0.0004	0.0002
S_1820	182.034	{4	Y_2243	ppm	-0.1632	0.2	122.6	-0.3046	-0.0217
Sb2068	206.833	{4	Y_2243	ppm	-0.0013	0.0009	71.72	-0.0019	-0.0006
Se1960	196.090	{4	Y_2243	ppm	-0.0009	0.0003	35.39	-0.0011	-0.0007
Si2516	251.611	{1	Y_3710	ppm	-0.0059	0.0069	115.7	-0.0011	-0.0108
Sn1899	189.989	{4	In2306	ppm	-0.0005	0.0001	30.27	-0.0004	-0.0006
Sr4215	421.552	{ 8	Y_3710	ppm	0.0002	0	12.26	0.0002	0.0001
Ti3349	334.904	{1	Y_3600	ppm	-0.0008	0.0001	9.741	-0.0007	-0.0008
Tl1908	190.856	{4	In2306	ppm	0.0008	0.0003	36.4	0.001	0.0006
V_2924	292.402	{1	Y_3600	ppm	-0.0001	0	31.09	-0.0001	-0.0001
Zn2062	206.200	{4	In2306	ppm	-0.0001	0	4.931	-0.0001	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	158.2	1.1993	0.75808	159.05	157.36
In2306	230.606	{4	Cts/S	10713	3.2926	0.03073	10715	10711
Y_2243	224.306	{4	Cts/S	13231	17.036	0.12876	13219	13243
Y_3600	360.073	{ 9	Cts/S	108370	282.03	0.26024	108570	108170

Y_3710	371.030 { 9	Cts/S	11051	36.646	0.3316	11077	11026	

[Sample Header]
Method=ICP6500Metals_TRY3(v613)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 7:39:08
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0	0	19.51	0	0
Al3082	308.215 {1	In2306	Cts/S	0.0721	0.0037	5.13	0.0747	0.0695
As1890	189.042 {4	Y_2243	Cts/S	0	0	21.85	0	-0.0001
B_2496	249.678 {1	Y_3710	Cts/S	0.0001	0.0002	294.1	0.0002	-0.0001
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0051	0.0003	5.277	0.0052	0.0049
Be3130	313.042 {1	Y_3710	Cts/S	-0.0001	0	14.42	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	Cts/S	-0.0344	0.0103	29.88	-0.0272	-0.0417
Ca3181	318.128 {1	In2306	Cts/S	-0.0213	0.0011	5.041	-0.0205	-0.022
Cd2288	228.802 {4	Y_2243	Cts/S	0.0004	0.0001	25.74	0.0004	0.0003
Co2286	228.616 {4	In2306	Cts/S	-0.0002	0	5.465	-0.0002	-0.0002
Cr2677	267.716 {1	Y_3600	Cts/S	0	0	141.4	0	0
Cu3247	324.754 {1	Y_3600	Cts/S	0.0043	0	1.034	0.0042	0.0043
Fe2404	240.488 {1	In2306	Cts/S	0.0036	0.0011	29.96	0.0044	0.0029
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0028	0.0001	2.058	-0.0029	-0.0028
K_7698	769.896 { 4	Y_3710	Cts/S	0.0215	0.0011	5.102	0.0223	0.0207
Li6707	670.784 { 5	Y_3710	Cts/S	0.0039	0.0002	5.974	0.004	0.0037
Mg2790	279.079 {1	Y_3710	Cts/S	0.0001	0.0001	280.7	0.0002	-0.0001
Mn2576	257.610 {1	Y_3600	Cts/S	0.0001	0	72.22	0	0.0001
Mn2576-2	257.610 {1	Y_3710	Cts/S	0	0.0002	588.4	-0.0001	0.0002
Mo2020	202.030 {4	Y_2243	Cts/S	0.0002	0	25.11	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	Cts/S	0.0045	0.0003	7.289	0.0043	0.0047
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0079	0.0001	0.994	-0.0079	-0.008
Ni2316	231.604 {4	In2306	Cts/S	0.0002	0	3.611	0.0002	0.0002
P_1782	178.284 {4	In2306	Cts/S	0.0002	0	13.87	0.0002	0.0002
Pb2203	220.353 {4	In2306	Cts/S	-0.0001	0	35.97	-0.0001	-0.0001
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	2.015	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	-0.0001	0.0001	75.83	-0.0001	0
Se1960	196.090 {4	Y_2243	Cts/S	0	0.0001	304.9	0	0.0001
Si2516	251.611 {1	Y_3710	Cts/S	0.0001	0	19.8	0.0002	0.0001
Sn1899	189.989 {4	In2306	Cts/S	0.0002	0	19.24	0.0001	0.0002
Sr4215	421.552 { 8	Y_3710	Cts/S	-0.0001	0	4.657	-0.0002	-0.0001
Ti3349	334.904 {1	Y_3600	Cts/S	0	0.0001	738.4	0	0
Tl1908	190.856 {4	In2306	Cts/S	-0.0001	0	22.11	-0.0001	-0.0001
V_2924	292.402 {1	Y_3600	Cts/S	-0.0001	0	0.4545	-0.0001	-0.0001
Zn2062	206.200 {4	In2306	Cts/S	0.0008	0	5.533	0.0008	0.0007

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	158.67	3.7169	2.3425	156.04	161.3
In2306	230.606 {4	Cts/S	10845	122	1.125	10758	10931
Y_2243	224.306 {4	Cts/S	13373	170.35	1.2739	13252	13493

Y_3600	360.073 { 9	Cts/S	108980	839.14	0.77002	109570	108380
Y_3710	371.030 { 9	Cts/S	11004	12.467	0.11329	10996	11013

[Sample Header]
Method=ICP6500Metals_TRY3(v613)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 7:41:47
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0071	0.0002	3.106	0.0073	0.007
Al3082	308.215 {1	In2306	Cts/S	0.5492	0.0134	2.446	0.5397	0.5587
As1890	189.042 {4	Y_2243	Cts/S	0.0077	0.0001	1.533	0.0078	0.0076
B_2496	249.678 {1	Y_3710	Cts/S	0.0038	0.0002	6.129	0.0036	0.0039
Ba4554	455.403 { 7	Y_3710	Cts/S	0.4066	0.017	4.183	0.3946	0.4186
Be3130	313.042 {1	Y_3710	Cts/S	0.1974	0.0065	3.28	0.1929	0.202
Ca3158	315.887 {1	In2306	Cts/S	1.627	0.0405	2.488	1.598	1.655
Ca3181	318.128 {1	In2306	Cts/S	0.3505	0.0226	6.46	0.3345	0.3665
Cd2288	228.802 {4	Y_2243	Cts/S	0.0551	0.0004	0.7801	0.0554	0.0548
Co2286	228.616 {4	In2306	Cts/S	0.0882	0.0005	0.514	0.0885	0.0879
Cr2677	267.716 {1	Y_3600	Cts/S	0.0112	0	0.0996	0.0112	0.0112
Cu3247	324.754 {1	Y_3600	Cts/S	0.0282	0	0.024	0.0282	0.0282
Fe2404	240.488 {1	In2306	Cts/S	1.438	0.0714	4.966	1.387	1.488
K_7664	766.490 { 4	Y_3710	Cts/S	0.0873	0.0028	3.198	0.0853	0.0893
K_7698	769.896 { 4	Y_3710	Cts/S	0.0584	0.0013	2.235	0.0574	0.0593
Li6707	670.784 { 5	Y_3710	Cts/S	0.3558	0.0202	5.676	0.3415	0.3701
Mg2790	279.079 {1	Y_3710	Cts/S	0.006	0	0.5617	0.006	0.0061
Mn2576	257.610 {1	Y_3600	Cts/S	0.0781	0.0002	0.2057	0.0783	0.078
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0269	0.0011	3.915	0.0261	0.0276
Mo2020	202.030 {4	Y_2243	Cts/S	0.0409	0.0007	1.614	0.0414	0.0404
Na5895	589.592 { 5	Y_3710	Cts/S	0.3151	0.0146	4.64	0.3047	0.3254
Na8183	818.326 { 4	Y_3710	Cts/S	0.0086	0.0002	2.846	0.0088	0.0084
Ni2316	231.604 {4	In2306	Cts/S	0.0505	0.0004	0.7842	0.0508	0.0502
P_1782	178.284 {4	In2306	Cts/S	0.0068	0	0.492	0.0068	0.0069
Pb2203	220.353 {4	In2306	Cts/S	0.0161	0.0003	1.657	0.0163	0.0159
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	0.0274	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0061	0.0001	1.786	0.0061	0.006
Se1960	196.090 {4	Y_2243	Cts/S	0.005	0	0.1916	0.005	0.0049
Si2516	251.611 {1	Y_3710	Cts/S	0.002	0	1.773	0.002	0.002
Sn1899	189.989 {4	In2306	Cts/S	0.022	0	0.0981	0.022	0.022
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2594	0.01	3.871	0.2523	0.2665
Ti3349	334.904 {1	Y_3600	Cts/S	0.0175	0.0001	0.6706	0.0176	0.0174
Tl1908	190.856 {4	In2306	Cts/S	0.0077	0.0001	1.033	0.0078	0.0076
V_2924	292.402 {1	Y_3600	Cts/S	0.0162	0.0001	0.4772	0.0161	0.0162
Zn2062	206.200 {4	In2306	Cts/S	0.1137	0.0004	0.3352	0.114	0.1134

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	158.22	5.4446	3.4412	162.07	154.37
In2306	230.606 {4	Cts/S	10591	3.3359	0.0315	10593	10589

Y_2243	224.306 {4	Cts/S	13279	33.011	0.24859	13256	13303
Y_3600	360.073 { 9	Cts/S	108150	225.98	0.20896	108310	107990
Y_3710	371.030 { 9	Cts/S	10934	263.95	2.4139	11121	10748

[Sample Header]
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SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 7:44:20
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0144	0	0.1047	0.0144	0.0144
Al3082	308.215 {1	In2306	Cts/S	1.014	0.0172	1.699	1.026	1.002
As1890	189.042 {4	Y_2243	Cts/S	0.0156	0.0002	0.9989	0.0157	0.0155
B_2496	249.678 {1	Y_3710	Cts/S	0.0074	0.0001	1.434	0.0073	0.0075
Ba4554	455.403 { 7	Y_3710	Cts/S	0.7949	0.007	0.8827	0.7998	0.7899
Be3130	313.042 {1	Y_3710	Cts/S	0.3889	0.0031	0.788	0.3911	0.3868
Ca3158	315.887 {1	In2306	Cts/S	3.222	0.0299	0.9286	3.201	3.243
Ca3181	318.128 {1	In2306	Cts/S	0.6912	0.0308	4.459	0.6695	0.713
Cd2288	228.802 {4	Y_2243	Cts/S	0.1111	0.0005	0.4317	0.1114	0.1107
Co2286	228.616 {4	In2306	Cts/S	0.1788	0.001	0.5557	0.1795	0.1781
Cr2677	267.716 {1	Y_3600	Cts/S	0.0222	0.0001	0.2545	0.0222	0.0221
Cu3247	324.754 {1	Y_3600	Cts/S	0.0515	0.0002	0.3879	0.0513	0.0516
Fe2404	240.488 {1	In2306	Cts/S	2.792	0.042	1.504	2.762	2.822
K_7664	766.490 { 4	Y_3710	Cts/S	0.1763	0.0044	2.504	0.1794	0.1732
K_7698	769.896 { 4	Y_3710	Cts/S	0.0962	0.0017	1.767	0.0974	0.095
Li6707	670.784 { 5	Y_3710	Cts/S	0.7262	0.0271	3.732	0.7453	0.707
Mg2790	279.079 {1	Y_3710	Cts/S	0.0116	0.0003	2.565	0.0114	0.0118
Mn2576	257.610 {1	Y_3600	Cts/S	0.1545	0.0003	0.2255	0.1547	0.1542
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0525	0.0004	0.8104	0.0522	0.0528
Mo2020	202.030 {4	Y_2243	Cts/S	0.0825	0.0009	1.045	0.0831	0.0819
Na5895	589.592 { 5	Y_3710	Cts/S	0.6267	0.0136	2.169	0.6363	0.6171
Na8183	818.326 { 4	Y_3710	Cts/S	0.0178	0.0019	10.7	0.0191	0.0164
Ni2316	231.604 {4	In2306	Cts/S	0.1017	0.0004	0.36	0.1019	0.1014
P_1782	178.284 {4	In2306	Cts/S	0.0137	0.0001	0.9496	0.0137	0.0136
Pb2203	220.353 {4	In2306	Cts/S	0.0326	0.0002	0.4705	0.0327	0.0325
S_1820	182.034 {4	Y_2243	Cts/S	-0.0006	0	0.6376	-0.0006	-0.0006
Sb2068	206.833 {4	Y_2243	Cts/S	0.0126	0.0001	0.6725	0.0127	0.0125
Se1960	196.090 {4	Y_2243	Cts/S	0.01	0.0001	0.825	0.0101	0.01
Si2516	251.611 {1	Y_3710	Cts/S	0.0035	0	0.0116	0.0035	0.0035
Sn1899	189.989 {4	In2306	Cts/S	0.0447	0.0006	1.356	0.0452	0.0443
Sr4215	421.552 { 8	Y_3710	Cts/S	0.5095	0.0023	0.4477	0.5111	0.5079
Ti3349	334.904 {1	Y_3600	Cts/S	0.0352	0	0.0648	0.0352	0.0351
Tl1908	190.856 {4	In2306	Cts/S	0.0157	0.0002	1.19	0.0158	0.0156
V_2924	292.402 {1	Y_3600	Cts/S	0.032	0.0001	0.2121	0.0319	0.032
Zn2062	206.200 {4	In2306	Cts/S	0.2301	0.0017	0.72	0.2312	0.2289

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	159.72	0.61736	0.38652	160.16	159.29

In2306	230.606 {4	Cts/S	10500	9.5011	0.09048	10494	10507
Y_2243	224.306 {4	Cts/S	13277	17.09	0.12872	13289	13265
Y_3600	360.073 { 9	Cts/S	108460	86.125	0.07941	108400	108520
Y_3710	371.030 { 9	Cts/S	11125	95.314	0.85672	11058	11193

[Sample Header]
Method=ICP6500Metals_TRY3(v613)
SampleName=CalibStd-3
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 7:46:51
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0292	0.0008	2.871	0.0286	0.0298
Al3082	308.215 {1	In2306	Cts/S	1.931	0.0732	3.792	1.879	1.982
As1890	189.042 {4	Y_2243	Cts/S	0.0319	0.0001	0.2637	0.0318	0.0319
B_2496	249.678 {1	Y_3710	Cts/S	0.0146	0.0003	2.169	0.0148	0.0144
Ba4554	455.403 { 7	Y_3710	Cts/S	1.572	0.0058	0.3676	1.568	1.576
Be3130	313.042 {1	Y_3710	Cts/S	0.7733	0.0051	0.6561	0.7768	0.7697
Ca3158	315.887 {1	In2306	Cts/S	6.368	0.2128	3.341	6.217	6.518
Ca3181	318.128 {1	In2306	Cts/S	1.372	0.0411	2.991	1.343	1.401
Cd2288	228.802 {4	Y_2243	Cts/S	0.2217	0.0012	0.5496	0.2225	0.2208
Co2286	228.616 {4	In2306	Cts/S	0.3605	0.0036	0.9874	0.3631	0.358
Cr2677	267.716 {1	Y_3600	Cts/S	0.0449	0.0008	1.768	0.0443	0.0454
Cu3247	324.754 {1	Y_3600	Cts/S	0.0996	0.0021	2.128	0.0981	0.101
Fe2404	240.488 {1	In2306	Cts/S	5.513	0.2381	4.318	5.345	5.681
K_7664	766.490 { 4	Y_3710	Cts/S	0.3525	0.0016	0.4659	0.3513	0.3537
K_7698	769.896 { 4	Y_3710	Cts/S	0.1698	0.0002	0.1176	0.1696	0.1699
Li6707	670.784 { 5	Y_3710	Cts/S	1.419	0.0108	0.7605	1.412	1.427
Mg2790	279.079 {1	Y_3710	Cts/S	0.0232	0.0001	0.5584	0.0233	0.0231
Mn2576	257.610 {1	Y_3600	Cts/S	0.3088	0.0058	1.88	0.3047	0.3129
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1039	0.0008	0.7794	0.1045	0.1033
Mo2020	202.030 {4	Y_2243	Cts/S	0.1649	0.0007	0.4302	0.1654	0.1644
Na5895	589.592 { 5	Y_3710	Cts/S	1.222	0.0053	0.4307	1.218	1.225
Na8183	818.326 { 4	Y_3710	Cts/S	0.0462	0.0014	2.949	0.0472	0.0453
Ni2316	231.604 {4	In2306	Cts/S	0.2058	0.0012	0.5934	0.2066	0.2049
P_1782	178.284 {4	In2306	Cts/S	0.0278	0.0001	0.3533	0.0279	0.0277
Pb2203	220.353 {4	In2306	Cts/S	0.066	0.0007	1.095	0.0666	0.0655
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0.0001	13.53	-0.0006	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0258	0.0005	1.856	0.0261	0.0255
Se1960	196.090 {4	Y_2243	Cts/S	0.0203	0.0001	0.2506	0.0203	0.0203
Si2516	251.611 {1	Y_3710	Cts/S	0.0069	0.0001	1.086	0.0069	0.007
Sn1899	189.989 {4	In2306	Cts/S	0.0904	0.0009	0.9801	0.0911	0.0898
Sr4215	421.552 { 8	Y_3710	Cts/S	1.01	0.0011	0.1105	1.011	1.009
Ti3349	334.904 {1	Y_3600	Cts/S	0.0712	0.0015	2.066	0.0702	0.0722
Tl1908	190.856 {4	In2306	Cts/S	0.0315	0.0004	1.192	0.0318	0.0313
V_2924	292.402 {1	Y_3600	Cts/S	0.065	0.0014	2.174	0.064	0.066
Zn2062	206.200 {4	In2306	Cts/S	0.4655	0.0058	1.238	0.4696	0.4614

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	161.61	6.4341	3.9813	166.16	157.06
In2306	230.606 {4	Cts/S	10242	95.349	0.93092	10310	10175
Y_2243	224.306 {4	Cts/S	13100	152.71	1.1657	13208	12992
Y_3600	360.073 { 9	Cts/S	107010	1819.1	1.6999	108300	105730
Y_3710	371.030 { 9	Cts/S	11161	65.739	0.58899	11115	11208

[Sample Header]
Method=ICP6500Metals_TRY3(v613)
SampleName=CalibStd-4
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 7:49:19
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0609	0.0045	7.33	0.064	0.0577
Al3082	308.215 {1	In2306	Cts/S	3.884	0.1299	3.346	3.976	3.792
As1890	189.042 {4	Y_2243	Cts/S	0.064	0.001	1.491	0.0647	0.0633
B_2496	249.678 {1	Y_3710	Cts/S	0.0292	0.0002	0.5151	0.0293	0.0291
Ba4554	455.403 { 7	Y_3710	Cts/S	3.188	0.0385	1.207	3.215	3.161
Be3130	313.042 {1	Y_3710	Cts/S	1.559	0.0162	1.042	1.571	1.548
Ca3158	315.887 {1	In2306	Cts/S	13.06	0.4138	3.168	13.35	12.77
Ca3181	318.128 {1	In2306	Cts/S	2.844	0.0996	3.502	2.914	2.773
Cd2288	228.802 {4	Y_2243	Cts/S	0.443	0.0038	0.8527	0.4457	0.4403
Co2286	228.616 {4	In2306	Cts/S	0.7292	0.0058	0.7908	0.7333	0.7251
Cr2677	267.716 {1	Y_3600	Cts/S	0.0936	0.008	8.592	0.0993	0.0879
Cu3247	324.754 {1	Y_3600	Cts/S	0.2031	0.0171	8.433	0.2152	0.191
Fe2404	240.488 {1	In2306	Cts/S	11.29	0.3615	3.203	11.54	11.03
K_7664	766.490 { 4	Y_3710	Cts/S	0.7163	0.0098	1.369	0.7233	0.7094
K_7698	769.896 { 4	Y_3710	Cts/S	0.3196	0.0034	1.052	0.322	0.3172
Li6707	670.784 { 5	Y_3710	Cts/S	2.892	0.058	2.005	2.933	2.851
Mg2790	279.079 {1	Y_3710	Cts/S	0.0472	0.0006	1.18	0.0476	0.0468
Mn2576	257.610 {1	Y_3600	Cts/S	0.6414	0.0476	7.42	0.6751	0.6078
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2113	0.0026	1.224	0.2131	0.2095
Mo2020	202.030 {4	Y_2243	Cts/S	0.3275	0.0037	1.118	0.3301	0.3249
Na5895	589.592 { 5	Y_3710	Cts/S	2.478	0.0467	1.883	2.511	2.445
Na8183	818.326 { 4	Y_3710	Cts/S	0.099	0.0019	1.949	0.1004	0.0976
Ni2316	231.604 {4	In2306	Cts/S	0.4145	0.0035	0.851	0.417	0.412
P_1782	178.284 {4	In2306	Cts/S	0.057	0.0006	1.132	0.0574	0.0565
Pb2203	220.353 {4	In2306	Cts/S	0.1325	0.0017	1.29	0.1337	0.1313
S_1820	182.034 {4	Y_2243	Cts/S	-0.0006	0	1.44	-0.0006	-0.0006
Sb2068	206.833 {4	Y_2243	Cts/S	0.0516	0.0007	1.437	0.0521	0.0511
Se1960	196.090 {4	Y_2243	Cts/S	0.041	0.0003	0.7167	0.0412	0.0408
Si2516	251.611 {1	Y_3710	Cts/S	0.0144	0.0007	5.035	0.0139	0.0149
Sn1899	189.989 {4	In2306	Cts/S	0.1833	0.0015	0.807	0.1843	0.1822
Sr4215	421.552 { 8	Y_3710	Cts/S	2.037	0.0259	1.269	2.055	2.019
Ti3349	334.904 {1	Y_3600	Cts/S	0.1484	0.0124	8.334	0.1572	0.1397
Tl1908	190.856 {4	In2306	Cts/S	0.064	0.0007	1.171	0.0646	0.0635
V_2924	292.402 {1	Y_3600	Cts/S	0.1352	0.0113	8.376	0.1432	0.1272
Zn2062	206.200 {4	In2306	Cts/S	0.9462	0.0065	0.6885	0.9508	0.9416

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	158.55	5.1389	3.2412	154.91	162.18
In2306	230.606 {4	Cts/S	10068	5.5338	0.05496	10064	10072
Y_2243	224.306 {4	Cts/S	13119	30.319	0.23111	13097	13140
Y_3600	360.073 { 9	Cts/S	102290	6243.7	6.104	97874	106700
Y_3710	371.030 { 9	Cts/S	11067	123.19	1.1131	10980	11154

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Custom ID2=
Custom ID3=
Run Time=1/13/2012 7:51:44
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1153	0.0002	0.168	0.1154	0.1152
Al3082	308.215 {1	In2306	Cts/S	7.864	0.0595	0.7565	7.906	7.822
As1890	189.042 {4	Y_2243	Cts/S	0.1276	0.0004	0.3033	0.1279	0.1274
B_2496	249.678 {1	Y_3710	Cts/S	0.0591	0.0001	0.2101	0.0592	0.0591
Ba4554	455.403 { 7	Y_3710	Cts/S	6.465	0.0168	0.2593	6.477	6.453
Be3130	313.042 {1	Y_3710	Cts/S	3.153	0.0034	0.1065	3.151	3.156
Ca3158	315.887 {1	In2306	Cts/S	26.63	0.1285	0.4824	26.54	26.73
Ca3181	318.128 {1	In2306	Cts/S	5.752	0.0743	1.293	5.699	5.805
Cd2288	228.802 {4	Y_2243	Cts/S	0.8852	0.0016	0.1804	0.8863	0.8841
Co2286	228.616 {4	In2306	Cts/S	1.46	0.0037	0.2547	1.463	1.457
Cr2677	267.716 {1	Y_3600	Cts/S	0.1768	0.0003	0.1706	0.1771	0.1766
Cu3247	324.754 {1	Y_3600	Cts/S	0.3817	0.0003	0.0851	0.3819	0.3815
Fe2404	240.488 {1	In2306	Cts/S	22.95	0.0577	0.2516	22.91	22.99
K_7664	766.490 { 4	Y_3710	Cts/S	1.456	0.0154	1.059	1.467	1.445
K_7698	769.896 { 4	Y_3710	Cts/S	0.6345	0.004	0.6234	0.6373	0.6317
Li6707	670.784 { 5	Y_3710	Cts/S	5.852	0.0954	1.63	5.919	5.784
Mg2790	279.079 {1	Y_3710	Cts/S	0.0961	0.0008	0.8291	0.0956	0.0967
Mn2576	257.610 {1	Y_3600	Cts/S	1.203	0.0004	0.0323	1.203	1.203
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.4252	0.0021	0.499	0.4237	0.4267
Mo2020	202.030 {4	Y_2243	Cts/S	0.6484	0.0024	0.3729	0.6502	0.6467
Na5895	589.592 { 5	Y_3710	Cts/S	5.001	0.0562	1.124	5.041	4.961
Na8183	818.326 { 4	Y_3710	Cts/S	0.2079	0.0006	0.3115	0.2074	0.2084
Ni2316	231.604 {4	In2306	Cts/S	0.8274	0.002	0.2399	0.8288	0.826
P_1782	178.284 {4	In2306	Cts/S	0.1161	0.0005	0.4589	0.1165	0.1157
Pb2203	220.353 {4	In2306	Cts/S	0.2644	0.001	0.3675	0.2651	0.2637
Sb2068	206.833 {4	Y_2243	Cts/S	0.1035	0.0005	0.5047	0.1039	0.1032
Se1960	196.090 {4	Y_2243	Cts/S	0.0819	0.0001	0.1668	0.082	0.0818
Si2516	251.611 {1	Y_3710	Cts/S	0.0293	0.0012	4.201	0.0284	0.0301
Sn1899	189.989 {4	In2306	Cts/S	0.367	0.0006	0.1677	0.3675	0.3666
Sr4215	421.552 { 8	Y_3710	Cts/S	4.107	0.0151	0.3681	4.118	4.096
Ti3349	334.904 {1	Y_3600	Cts/S	0.283	0.0007	0.2484	0.2825	0.2835
Tl1908	190.856 {4	In2306	Cts/S	0.127	0.0004	0.3398	0.1273	0.1267
V_2924	292.402 {1	Y_3600	Cts/S	0.2591	0.0003	0.1342	0.2589	0.2594
Zn2062	206.200 {4	In2306	Cts/S	1.9	0.0024	0.1267	1.902	1.899

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	154.69	0.82538	0.53357	154.11	155.27
In2306	230.606 {4	Cts/S	9761.4	9.5648	0.09799	9754.6	9768.2
Y_2243	224.306 {4	Cts/S	12998	28.196	0.21694	12978	13017
Y_3600	360.073 { 9	Cts/S	104480	168.95	0.1617	104600	104360
Y_3710	371.030 { 9	Cts/S	10863	15.799	0.14544	10874	10852

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Custom ID2=
Custom ID3=
Run Time=1/13/2012 7:54:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2391	0.0018	0.763	0.2404	0.2378
Al3082	308.215 {1	In2306	ppm	2.51	0.1037	4.129	2.584	2.437
As1890	189.042 {4	Y_2243	ppm	0.4904	0.0049	0.9959	0.4869	0.4938
B_2496	249.678 {1	Y_3710	ppm	0.5084	0.0221	4.352	0.5241	0.4928
Ba4554	455.403 { 7	Y_3710	ppm	0.4947	0.0195	3.95	0.5085	0.4809
Be3130	313.042 {1	Y_3710	ppm	0.5117	0.0166	3.245	0.5234	0.5
Ca3158	315.887 {1	In2306	ppm	12.51	0.4955	3.962	12.86	12.16
Ca3181	318.128 {1	In2306	ppm	12.54	0.452	3.603	12.86	12.22
Cd2288	228.802 {4	Y_2243	ppm	0.4909	0.0021	0.4232	0.4894	0.4923
Co2286	228.616 {4	In2306	ppm	0.4996	0.0079	1.587	0.494	0.5052
Cr2677	267.716 {1	Y_3600	ppm	0.4861	0.0001	0.0107	0.4861	0.486
Cu3247	324.754 {1	Y_3600	ppm	0.4851	0.0032	0.6548	0.4874	0.4829
Fe2404	240.488 {1	In2306	ppm	2.532	0.1094	4.32	2.609	2.454
K_7664	766.490 { 4	Y_3710	ppm	12.58	0.407	3.234	12.87	12.3
K_7698	769.896 { 4	Y_3710	ppm	12.56	0.4938	3.931	12.91	12.21
Li6707	670.784 { 5	Y_3710	ppm	0.4929	0.0206	4.182	0.5075	0.4783
Mg2790	279.079 {1	Y_3710	ppm	5.017	0.1005	2.003	5.088	4.946
Mn2576	257.610 {1	Y_3600	ppm	0.4763	0.001	0.2025	0.477	0.4757
Mn2576-2	257.610 {1	Y_3710	ppm	0.4965	0.0148	2.99	0.507	0.486
Mo2020	202.030 {4	Y_2243	ppm	0.5086	0.0132	2.59	0.4993	0.5179
Na5895	589.592 { 5	Y_3710	ppm	12.45	0.462	3.71	12.78	12.13
Na8183	818.326 { 4	Y_3710	ppm	12.5	0.4532	3.626	12.82	12.18
Ni2316	231.604 {4	In2306	ppm	0.4932	0.0071	1.442	0.4882	0.4982
P_1782	178.284 {4	In2306	ppm	0.0081	0.0118	146.1	-0.0003	0.0165
Pb2203	220.353 {4	In2306	ppm	0.4932	0.004	0.804	0.4904	0.496
S_1820	182.034 {4	Y_2243	ppm	-604	2.419	0.4005	-605.7	-602.3
Sb2068	206.833 {4	Y_2243	ppm	0.4998	0.0084	1.688	0.4938	0.5058
Se1960	196.090 {4	Y_2243	ppm	0.4984	0.0063	1.268	0.4939	0.5028
Si2516	251.611 {1	Y_3710	ppm	0.9092	0.016	1.765	0.9206	0.8979
Sn1899	189.989 {4	In2306	ppm	0.5089	0.0095	1.876	0.5022	0.5157
Sr4215	421.552 { 8	Y_3710	ppm	0.2539	0.0097	3.803	0.2607	0.247
Ti3349	334.904 {1	Y_3600	ppm	0.4989	0.002	0.4037	0.4975	0.5004
Tl1908	190.856 {4	In2306	ppm	0.5011	0.0025	0.4972	0.4993	0.5028
V_2924	292.402 {1	Y_3600	ppm	0.4935	0.0019	0.3934	0.4922	0.4949
Zn2062	206.200 {4	In2306	ppm	0.4955	0.0071	1.425	0.4905	0.5005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	156.84	5.4261	3.4596	153.01	160.68
In2306	230.606 {4	Cts/S	10195	0.91131	0.00894	10195	10196
Y_2243	224.306 {4	Cts/S	13219	22.397	0.16943	13235	13203
Y_3600	360.073 { 9	Cts/S	106340	58.796	0.05529	106300	106380
Y_3710	371.030 { 9	Cts/S	10841	252.03	2.3248	10663	11019

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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0056	0.0003	5.531	0.0054	0.0058
Al3082	308.215 {1	In2306	ppm	0.0961	0.0095	9.892	0.0894	0.1028
As1890	189.042 {4	Y_2243	ppm	0.0124	0.0051	40.85	0.0088	0.016
B_2496	249.678 {1	Y_3710	ppm	0.0099	0.0071	72.02	0.0048	0.0149
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0	0.4957	0.0096	0.0097
Be3130	313.042 {1	Y_3710	ppm	0.005	0.0001	1.524	0.0051	0.005
Ca3158	315.887 {1	In2306	ppm	0.0796	0.0037	4.697	0.0822	0.077
Ca3181	318.128 {1	In2306	ppm	0.1396	0.0484	34.65	0.1738	0.1054
Cd2288	228.802 {4	Y_2243	ppm	0.0075	0.0032	43.27	0.0052	0.0098
Co2286	228.616 {4	In2306	ppm	0.0124	0.0038	30.69	0.0097	0.0151
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0001	0.9763	0.0097	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0091	0.0002	2.236	0.009	0.0093
Fe2404	240.488 {1	In2306	ppm	0.0977	0.0076	7.831	0.0922	0.1031
K_7664	766.490 { 4	Y_3710	ppm	0.6544	0.0119	1.826	0.6628	0.6459
K_7698	769.896 { 4	Y_3710	ppm	0.6261	0.0002	0.031	0.6259	0.6262
Li6707	670.784 { 5	Y_3710	ppm	0.0088	0	0.1281	0.0088	0.0088
Mg2790	279.079 {1	Y_3710	ppm	0.0652	0.0037	5.661	0.0678	0.0626
Mn2576	257.610 {1	Y_3600	ppm	0.0098	0	0.0871	0.0098	0.0098
Mn2576-2	257.610 {1	Y_3710	ppm	0.0103	0.0013	12.75	0.0113	0.0094
Mo2020	202.030 {4	Y_2243	ppm	0.015	0.0047	31.62	0.0116	0.0183
Na5895	589.592 { 5	Y_3710	ppm	0.598	0.0108	1.81	0.5903	0.6056
Na8183	818.326 { 4	Y_3710	ppm	1.011	0.008	0.7953	1.016	1.005
Ni2316	231.604 {4	In2306	ppm	0.0126	0.0038	30.05	0.0099	0.0153
P_1782	178.284 {4	In2306	ppm	0.0095	0.0006	5.836	0.0091	0.0099
Pb2203	220.353 {4	In2306	ppm	0.0115	0.0028	24.37	0.0095	0.0135
S_1820	182.034 {4	Y_2243	ppm	-2.682	3.143	117.2	-0.4596	-4.904
Sb2068	206.833 {4	Y_2243	ppm	0.0226	0.0031	13.48	0.0205	0.0248
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0035	35.83	0.0072	0.0121
Si2516	251.611 {1	Y_3710	ppm	0.0126	0.0008	6.243	0.0132	0.0121
Sn1899	189.989 {4	In2306	ppm	0.0135	0.0047	34.6	0.0102	0.0168
Sr4215	421.552 { 8	Y_3710	ppm	0.005	0.0001	1.262	0.0049	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.0104	0.0008	7.489	0.011	0.0099
Tl1908	190.856 {4	In2306	ppm	0.0148	0.0046	30.9	0.0115	0.018
V_2924	292.402 {1	Y_3600	ppm	0.0096	0.0004	4.313	0.0093	0.0099
Zn2062	206.200 {4	In2306	ppm	0.0123	0.0038	30.44	0.0097	0.015

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	162.83	1.192	0.73206	163.67	161.99
In2306	230.606 {4	Cts/S	10727	73.802	0.68799	10779	10675
Y_2243	224.306 {4	Cts/S	13313	56.927	0.42762	13353	13272
Y_3600	360.073 { 9	Cts/S	110190	455.28	0.41318	109870	110510
Y_3710	371.030 { 9	Cts/S	11038	102.38	0.92754	11110	10965

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0003	58.78	0.0006	0.0003
Al3082	308.215 {1	In2306	ppm	0.0093	0.0075	80.5	0.0146	0.004
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0003	267.4	-0.0001	0.0003
B_2496	249.678 {1	Y_3710	ppm	0.0033	0.0014	42.07	0.0023	0.0043
Ba4554	455.403 { 7	Y_3710	ppm	-0.0002	0.0001	67.51	-0.0001	-0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	191.7	0	0
Ca3158	315.887 {1	In2306	ppm	-0.0093	0.0025	26.92	-0.0075	-0.011
Ca3181	318.128 {1	In2306	ppm	0.0419	0.0128	30.64	0.051	0.0328
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0003	392.1	-0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	91.96	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0002	284.5	-0.0001	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0004	79.69	-0.0002	-0.0008
Fe2404	240.488 {1	In2306	ppm	0.0082	0.0179	217.5	0.0209	-0.0044
K_7664	766.490 { 4	Y_3710	ppm	0.0076	0.0214	282.2	0.0227	-0.0076
K_7698	769.896 { 4	Y_3710	ppm	0.0384	0.0046	12.07	0.0352	0.0417
Li6707	670.784 { 5	Y_3710	ppm	-0.0007	0.0002	31.49	-0.0009	-0.0006
Mg2790	279.079 {1	Y_3710	ppm	-0.0305	0.0233	76.4	-0.014	-0.047
Mn2576	257.610 {1	Y_3600	ppm	0	0	95.06	0	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0	0.0008	2717	0.0006	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0004	161.9	0	0.0005
Na5895	589.592 { 5	Y_3710	ppm	-0.0054	0.0011	20.92	-0.0046	-0.0062
Na8183	818.326 { 4	Y_3710	ppm	0.1665	0.0122	7.317	0.1579	0.1751
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0001	38.93	-0.0002	-0.0001
P_1782	178.284 {4	In2306	ppm	-0.0008	0.0002	20.77	-0.0009	-0.0007
Pb2203	220.353 {4	In2306	ppm	-0.0007	0	5.021	-0.0006	-0.0007
S_1820	182.034 {4	Y_2243	ppm	1.659	0.0039	0.2366	1.656	1.662
Sb2068	206.833 {4	Y_2243	ppm	0.0051	0.0003	6.76	0.0053	0.0048
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.0004	159	0	0.0005
Si2516	251.611 {1	Y_3710	ppm	0.0066	0	0.011	0.0066	0.0066
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0004	184.7	-0.0001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	9561	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0004	650.9	0.0002	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0015	0.0002	16.63	0.0013	0.0016
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0	16.63	-0.0002	-0.0002

Zn2062	206.200 {4	In2306	ppm	0	0.0002	410.8	-0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	158.73	0.95429	0.6012	159.41	158.06
In2306	230.606 {4	Cts/S	10877	114.35	1.0514	10796	10957
Y_2243	224.306 {4	Cts/S	13408	132.25	0.98638	13314	13501
Y_3600	360.073 { 9	Cts/S	109870	3471.5	3.1595	112330	107420
Y_3710	371.030 { 9	Cts/S	11154	7.8168	0.07008	11160	11149

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Custom ID2=
Custom ID3=
Run Time=1/13/2012 8:02:00
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	13.39	0.0005	0.0004
Al3082	308.215 {1	In2306	ppm	532.7	0.5458	0.1025	532.3	533.1
As1890	189.042 {4	Y_2243	ppm	0.0013	0.0001	6.575	0.0013	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0026	0.0024	93.87	0.0009	0.0042
Ba4554	455.403 { 7	Y_3710	ppm	0.0004	0.0001	17.83	0.0005	0.0004
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	9.492	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	509.1	3.833	0.7529	506.4	511.8
Ca3181	318.128 {1	In2306	ppm	511.8	4.249	0.8302	508.8	514.8
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	120.4	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0003	0.0002	52.13	0.0004	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0004	18.23	0.0022	0.0017
Cu3247	324.754 {1	Y_3600	ppm	0.0026	0.0005	20.38	0.003	0.0022
Fe2404	240.488 {1	In2306	ppm	198.7	1.196	0.6018	197.9	199.6
K_7664	766.490 { 4	Y_3710	ppm	0.0229	0.0026	11.45	0.0248	0.0211
K_7698	769.896 { 4	Y_3710	ppm	-0.1455	0.0005	0.3652	-0.1451	-0.1459
Li6707	670.784 { 5	Y_3710	ppm	0.0079	0.0005	6.339	0.0075	0.0082
Mg2790	279.079 {1	Y_3710	ppm	581.2	0.8305	0.1429	580.6	581.8
Mn2576	257.610 {1	Y_3600	ppm	-0.0054	0	0.4716	-0.0054	-0.0054
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0056	0.0001	2.23	-0.0057	-0.0055
Mo2020	202.030 {4	Y_2243	ppm	-0.0003	0.0002	72.89	-0.0002	-0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0124	0.006	48.37	0.0082	0.0167
Na8183	818.326 { 4	Y_3710	ppm	0.8322	0.0745	8.953	0.8849	0.7795
Ni2316	231.604 {4	In2306	ppm	0.0046	0.0001	1.139	0.0047	0.0046
P_1782	178.284 {4	In2306	ppm	0.0024	0.0016	68.51	0.0035	0.0012
Pb2203	220.353 {4	In2306	ppm	-0.0197	0.0031	15.9	-0.0219	-0.0174
S_1820	182.034 {4	Y_2243	ppm	91.92	2.198	2.392	90.37	93.47
Sb2068	206.833 {4	Y_2243	ppm	-0.0093	0.0023	24.23	-0.0077	-0.0109
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.003	201.7	0.0036	-0.0006
Si2516	251.611 {1	Y_3710	ppm	0.0123	0.0125	101.7	0.0212	0.0035
Sn1899	189.989 {4	In2306	ppm	0.0021	0.0005	26.3	0.0025	0.0017
Sr4215	421.552 { 8	Y_3710	ppm	0.0024	0.0002	7.302	0.0026	0.0023
Ti3349	334.904 {1	Y_3600	ppm	0.0026	0.0001	4.373	0.0025	0.0027
Tl1908	190.856 {4	In2306	ppm	-0.006	0.0015	25.19	-0.005	-0.0071

V_2924	292.402 {1	Y_3600	ppm	-0.0061	0.0001	2.067	-0.006	-0.0062
Zn2062	206.200 {4	In2306	ppm	0.0044	0.0002	3.793	0.0042	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	144.44	0.48368	0.33486	144.79	144.1
In2306	230.606 {4	Cts/S	7874.7	82.601	1.049	7933.1	7816.3
Y_2243	224.306 {4	Cts/S	11588	116.91	1.0089	11671	11506
Y_3600	360.073 { 9	Cts/S	92478	83.962	0.09079	92419	92537
Y_3710	371.030 { 9	Cts/S	9656.5	14.512	0.15029	9646.3	9666.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5319	0.0041	0.7649	0.5348	0.529
Al3082	308.215 {1	In2306	ppm	529	0.5089	0.0962	528.6	529.3
As1890	189.042 {4	Y_2243	ppm	1.024	0.0162	1.583	1.013	1.036
B_2496	249.678 {1	Y_3710	ppm	1.103	0.0083	0.7494	1.097	1.109
Ba4554	455.403 { 7	Y_3710	ppm	1.1	0.006	0.5422	1.096	1.104
Be3130	313.042 {1	Y_3710	ppm	0.528	0.003	0.5667	0.5259	0.5301
Ca3158	315.887 {1	In2306	ppm	508.6	2.703	0.5315	510.5	506.7
Ca3181	318.128 {1	In2306	ppm	511.8	2.886	0.564	513.8	509.7
Cd2288	228.802 {4	Y_2243	ppm	0.5183	0.0099	1.919	0.5113	0.5253
Co2286	228.616 {4	In2306	ppm	0.9959	0.0167	1.672	0.9841	1.008
Cr2677	267.716 {1	Y_3600	ppm	0.9017	0.0112	1.247	0.9096	0.8937
Cu3247	324.754 {1	Y_3600	ppm	1.02	0.0084	0.8226	1.026	1.015
Fe2404	240.488 {1	In2306	ppm	204	1.19	0.583	204.9	203.2
K_7664	766.490 { 4	Y_3710	ppm	11.32	0.1491	1.317	11.21	11.43
K_7698	769.896 { 4	Y_3710	ppm	11.34	0.1067	0.9405	11.27	11.42
Li6707	670.784 { 5	Y_3710	ppm	1.089	0.0184	1.686	1.076	1.102
Mg2790	279.079 {1	Y_3710	ppm	595.4	1.313	0.2205	594.5	596.4
Mn2576	257.610 {1	Y_3600	ppm	0.8905	0.0098	1.106	0.8975	0.8835
Mn2576-2	257.610 {1	Y_3710	ppm	1.044	0.0047	0.4498	1.041	1.048
Mo2020	202.030 {4	Y_2243	ppm	0.9344	0.0174	1.857	0.9222	0.9467
Na5895	589.592 { 5	Y_3710	ppm	10.94	0.1567	1.432	10.83	11.05
Na8183	818.326 { 4	Y_3710	ppm	11.79	0.0287	0.2435	11.77	11.81
Ni2316	231.604 {4	In2306	ppm	0.9849	0.018	1.823	0.9722	0.9976
P_1782	178.284 {4	In2306	ppm	1.127	0.0209	1.856	1.112	1.141
Pb2203	220.353 {4	In2306	ppm	0.9433	0.0155	1.64	0.9324	0.9542
S_1820	182.034 {4	Y_2243	ppm	94.53	0.894	0.9457	93.9	95.17
Sb2068	206.833 {4	Y_2243	ppm	0.9816	0.0146	1.489	0.9712	0.9919
Se1960	196.090 {4	Y_2243	ppm	1.01	0.0215	2.125	0.9951	1.025
Si2516	251.611 {1	Y_3710	ppm	0.9636	0.0104	1.083	0.971	0.9563
Sn1899	189.989 {4	In2306	ppm	0.9867	0.014	1.414	0.9769	0.9966
Sr4215	421.552 { 8	Y_3710	ppm	0.5432	0.0023	0.4237	0.5416	0.5448
Ti3349	334.904 {1	Y_3600	ppm	0.932	0.0103	1.101	0.9392	0.9247

Tl1908	190.856 {4	In2306	ppm	0.9292	0.0069	0.7415	0.9243	0.9341
V_2924	292.402 {1	Y_3600	ppm	0.9071	0.0102	1.12	0.9143	0.8999
Zn2062	206.200 {4	In2306	ppm	0.9996	0.0136	1.363	0.99	1.009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	145.8	0.23538	0.16144	145.63	145.96
In2306	230.606 {4	Cts/S	7681.1	139.38	1.8146	7779.7	7582.5
Y_2243	224.306 {4	Cts/S	11337	235.02	2.0731	11503	11170
Y_3600	360.073 { 9	Cts/S	92613	817.27	0.88245	92036	93191
Y_3710	371.030 { 9	Cts/S	9506.9	34.784	0.36588	9531.5	9482.3

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2284	0.0256	11.22	0.2103	0.2465
Al3082	308.215 {1	In2306	ppm	2.519	0.0358	1.423	2.545	2.494
As1890	189.042 {4	Y_2243	ppm	0.4992	0.0046	0.9184	0.4959	0.5024
B_2496	249.678 {1	Y_3710	ppm	0.5044	0.0065	1.287	0.509	0.4998
Ba4554	455.403 { 7	Y_3710	ppm	0.4923	0.007	1.421	0.4973	0.4874
Be3130	313.042 {1	Y_3710	ppm	0.4999	0.0076	1.513	0.5052	0.4945
Ca3158	315.887 {1	In2306	ppm	12.46	0.0604	0.485	12.42	12.5
Ca3181	318.128 {1	In2306	ppm	12.44	0.0781	0.6281	12.38	12.49
Cd2288	228.802 {4	Y_2243	ppm	0.4904	0.0003	0.0668	0.4906	0.4902
Co2286	228.616 {4	In2306	ppm	0.4964	0.0048	0.9691	0.493	0.4998
Cr2677	267.716 {1	Y_3600	ppm	0.455	0.0526	11.55	0.4179	0.4922
Cu3247	324.754 {1	Y_3600	ppm	0.4579	0.0506	11.05	0.4222	0.4937
Fe2404	240.488 {1	In2306	ppm	2.514	0.0525	2.086	2.477	2.551
K_7664	766.490 { 4	Y_3710	ppm	12.61	0.219	1.736	12.77	12.46
K_7698	769.896 { 4	Y_3710	ppm	12.65	0.249	1.968	12.83	12.47
Li6707	670.784 { 5	Y_3710	ppm	0.503	0.0084	1.679	0.509	0.497
Mg2790	279.079 {1	Y_3710	ppm	4.948	0.1011	2.042	5.019	4.876
Mn2576	257.610 {1	Y_3600	ppm	0.4524	0.0516	11.41	0.4159	0.4889
Mn2576-2	257.610 {1	Y_3710	ppm	0.4865	0.0102	2.091	0.4937	0.4793
Mo2020	202.030 {4	Y_2243	ppm	0.5081	0.0007	0.143	0.5076	0.5086
Na5895	589.592 { 5	Y_3710	ppm	12.6	0.2377	1.887	12.77	12.43
Na8183	818.326 { 4	Y_3710	ppm	12.52	0.2208	1.763	12.68	12.37
Ni2316	231.604 {4	In2306	ppm	0.4917	0.0042	0.8584	0.4888	0.4947
P_1782	178.284 {4	In2306	ppm	0.0042	0.0081	194.3	-0.0016	0.0099
Pb2203	220.353 {4	In2306	ppm	0.4908	0.004	0.8132	0.488	0.4937
S_1820	182.034 {4	Y_2243	ppm	-611.7	4.449	0.7273	-614.9	-608.6
Sb2068	206.833 {4	Y_2243	ppm	0.5108	0.0022	0.4304	0.5124	0.5092
Se1960	196.090 {4	Y_2243	ppm	0.5071	0.0011	0.2215	0.5063	0.5079
Si2516	251.611 {1	Y_3710	ppm	0.8838	0.006	0.6828	0.888	0.8795
Sn1899	189.989 {4	In2306	ppm	0.5012	0.0062	1.235	0.4969	0.5056
Sr4215	421.552 { 8	Y_3710	ppm	0.2517	0.0039	1.55	0.2544	0.2489

Ti3349	334.904 {1	Y_3600	ppm	0.463	0.0503	10.86	0.4274	0.4986
Tl1908	190.856 {4	In2306	ppm	0.5	0.0023	0.4663	0.4983	0.5016
V_2924	292.402 {1	Y_3600	ppm	0.4603	0.0519	11.27	0.4236	0.497
Zn2062	206.200 {4	In2306	ppm	0.49	0.0058	1.188	0.4859	0.4941

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	155.48	0.62537	0.40222	155.92	155.04
In2306	230.606 {4	Cts/S	10078	95.395	0.94653	10146	10011
Y_2243	224.306 {4	Cts/S	13021	28.534	0.21914	13041	13001
Y_3600	360.073 { 9	Cts/S	111980	9688.2	8.652	118830	105130
Y_3710	371.030 { 9	Cts/S	10871	131.64	1.2109	10778	10964

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0053	0	0.787	0.0053	0.0054
Al3082	308.215 {1	In2306	ppm	0.0934	0.0326	34.95	0.0703	0.1164
As1890	189.042 {4	Y_2243	ppm	0.0129	0.0035	27.2	0.0104	0.0154
B_2496	249.678 {1	Y_3710	ppm	0.0091	0.0001	0.9308	0.0092	0.0091
Ba4554	455.403 { 7	Y_3710	ppm	0.0094	0	0.3129	0.0094	0.0094
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	1.139	0.0047	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0997	0.0021	2.152	0.0982	0.1012
Ca3181	318.128 {1	In2306	ppm	0.1399	0.0101	7.205	0.147	0.1328
Cd2288	228.802 {4	Y_2243	ppm	0.008	0.0038	48.12	0.0053	0.0107
Co2286	228.616 {4	In2306	ppm	0.0129	0.004	31.24	0.01	0.0157
Cr2677	267.716 {1	Y_3600	ppm	0.0095	0.0003	2.98	0.0093	0.0097
Cu3247	324.754 {1	Y_3600	ppm	0.0094	0.0002	2.475	0.0095	0.0092
Fe2404	240.488 {1	In2306	ppm	0.0983	0.0052	5.285	0.102	0.0946
K_7664	766.490 { 4	Y_3710	ppm	0.6208	0.0128	2.06	0.6299	0.6118
K_7698	769.896 { 4	Y_3710	ppm	0.6048	0.0035	0.5842	0.6073	0.6023
Li6707	670.784 { 5	Y_3710	ppm	0.0092	0.0004	3.864	0.0089	0.0094
Mg2790	279.079 {1	Y_3710	ppm	0.0606	0.0185	30.55	0.0475	0.0737
Mn2576	257.610 {1	Y_3600	ppm	0.0099	0.0001	1.334	0.01	0.0098
Mn2576-2	257.610 {1	Y_3710	ppm	0.0099	0.0005	4.821	0.0103	0.0096
Mo2020	202.030 {4	Y_2243	ppm	0.0148	0.005	33.56	0.0113	0.0183
Na5895	589.592 { 5	Y_3710	ppm	0.5905	0.013	2.207	0.5813	0.5997
Na8183	818.326 { 4	Y_3710	ppm	0.5911	0.0187	3.162	0.6043	0.5779
Ni2316	231.604 {4	In2306	ppm	0.0128	0.0038	29.56	0.0102	0.0155
P_1782	178.284 {4	In2306	ppm	0.0089	0.0002	2.199	0.0087	0.009
Pb2203	220.353 {4	In2306	ppm	0.0121	0.0033	27.3	0.0098	0.0144
S_1820	182.034 {4	Y_2243	ppm	-3.856	3.651	94.69	-1.274	-6.438
Sb2068	206.833 {4	Y_2243	ppm	0.0255	0.0048	18.82	0.0221	0.0289
Se1960	196.090 {4	Y_2243	ppm	0.0105	0.0032	30.73	0.0082	0.0127
Si2516	251.611 {1	Y_3710	ppm	0.0235	0.0011	4.867	0.0227	0.0243
Sn1899	189.989 {4	In2306	ppm	0.0135	0.0051	37.76	0.0099	0.0171

Sr4215	421.552 {	8	Y_3710	ppm	0.0047	0.0001	1.256	0.0047	0.0046
Ti3349	334.904 {1		Y_3600	ppm	0.0103	0.0005	5.04	0.0099	0.0106
Tl1908	190.856 {4		In2306	ppm	0.0147	0.0057	38.87	0.0106	0.0187
V_2924	292.402 {1		Y_3600	ppm	0.0093	0.0005	5.692	0.0089	0.0097
Zn2062	206.200 {4		In2306	ppm	0.0124	0.004	32.32	0.0096	0.0152

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	161.03	1.7754	1.1025	162.28	159.77
In2306	230.606 {4	Cts/S	10796	215.75	1.9985	10643	10948
Y_2243	224.306 {4	Cts/S	13375	341.51	2.5534	13133	13616
Y_3600	360.073 {	9	Cts/S	110070	302.82	0.27512	109850	110280
Y_3710	371.030 {	9	Cts/S	11075	78.216	0.70621	11131	11020

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	28.35	0.0004	0.0003
Al3082	308.215 {1	In2306	ppm	0.0278	0.0168	60.18	0.016	0.0397
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0008	252.5	-0.0002	0.0009
B_2496	249.678 {1	Y_3710	ppm	-0.0028	0.0011	39.21	-0.002	-0.0036
Ba4554	455.403 {	7	Y_3710	ppm	0	0.0001	182.2	-0.0001	0
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	108.5	0	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0063	0.0027	42.73	-0.0044	-0.0082
Ca3181	318.128 {1	In2306	ppm	0.0512	0.0128	25.04	0.0603	0.0421
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0002	71.67	0.0002	0.0005
Co2286	228.616 {4	In2306	ppm	0.0005	0.0003	62.33	0.0003	0.0007
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0002	92.67	-0.0001	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0001	15.56	-0.0004	-0.0006
Fe2404	240.488 {1	In2306	ppm	0.0099	0.0016	15.72	0.0088	0.0111
K_7664	766.490 {	4	Y_3710	ppm	0.026	0.0209	80.48	0.0112	0.0408
K_7698	769.896 {	4	Y_3710	ppm	0.0438	0.037	84.48	0.0176	0.0699
Li6707	670.784 {	5	Y_3710	ppm	-0.0004	0.0001	31.5	-0.0005	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0292	0.0425	145.7	-0.0592	0.0009
Mn2576	257.610 {1	Y_3600	ppm	0	0	133.2	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0006	0.0007	114.7	-0.0011	-0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0007	147.5	0	0.0009
Na5895	589.592 {	5	Y_3710	ppm	0.0017	0.0109	656.2	0.0094	-0.006
Na8183	818.326 {	4	Y_3710	ppm	0.0988	0.0021	2.15	0.0973	0.1003
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0006	223.9	-0.0001	0.0007
P_1782	178.284 {4	In2306	ppm	-0.0012	0	2.237	-0.0012	-0.0012
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0003	300.4	-0.0004	0.0001
S_1820	182.034 {4	Y_2243	ppm	0.1639	0.4824	294.4	0.505	-0.1772
Sb2068	206.833 {4	Y_2243	ppm	0.004	0.0023	55.82	0.0024	0.0056
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0004	34.54	-0.0009	-0.0015
Si2516	251.611 {1	Y_3710	ppm	0.0014	0.007	496.1	0.0064	-0.0036

Sn1899	189.989 {4	In2306	ppm	0	0.0008	2815	-0.0005	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0	0	22.24	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0	6.872	-0.0005	-0.0005
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0012	87.09	0.0005	0.0022
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0004	245.2	-0.0004	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0003	0.0004	175.3	-0.0001	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	159.34	1.0507	0.65942	160.08	158.6
In2306	230.606 {4	Cts/S	10686	132.23	1.2374	10780	10593
Y_2243	224.306 {4	Cts/S	13141	157.57	1.1991	13252	13029
Y_3600	360.073 { 9	Cts/S	109230	128.02	0.1172	109140	109320
Y_3710	371.030 { 9	Cts/S	10861	15.401	0.1418	10872	10850

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0006	117.3	0.0009	0.0001
Al3082	308.215 {1	In2306	ppm	0.0046	0.0185	404.9	0.0177	-0.0085
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0004	47.48	0.0011	0.0006
B_2496	249.678 {1	Y_3710	ppm	0.1305	0.0042	3.238	0.1275	0.1334
Ba4554	455.403 { 7	Y_3710	ppm	0.0213	0	0.1022	0.0213	0.0213
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0003	508.3	0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0497	0.0092	18.5	0.0562	0.0432
Ca3181	318.128 {1	In2306	ppm	0.1139	0.0079	6.926	0.1195	0.1084
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	845.1	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0	0	99.68	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0	7.256	0.0001	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0001	0.0004	644.3	-0.0004	0.0002
Fe2404	240.488 {1	In2306	ppm	0.0241	0.0003	1.447	0.0243	0.0238
K_7664	766.490 { 4	Y_3710	ppm	0.0089	0.0288	323.2	0.0293	-0.0114
K_7698	769.896 { 4	Y_3710	ppm	0.009	0.01	110.8	0.002	0.0161
Li6707	670.784 { 5	Y_3710	ppm	0.0011	0.0005	41.64	0.0015	0.0008
Mg2790	279.079 {1	Y_3710	ppm	-0.0163	0.0037	22.38	-0.0137	-0.0189
Mn2576	257.610 {1	Y_3600	ppm	0.0003	0	10.96	0.0003	0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0001	91.8	0	-0.0002
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	321.9	-0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.0486	0.0063	13.05	0.053	0.0441
Na8183	818.326 { 4	Y_3710	ppm	0.1938	0.1325	68.34	0.2875	0.1002
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0001	41.56	0.0002	0.0001
P_1782	178.284 {4	In2306	ppm	0.0054	0.001	17.99	0.0061	0.0047
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0008	140.6	0	0.0012
S_1820	182.034 {4	Y_2243	ppm	-16.77	0.9419	5.618	-17.43	-16.1
Sb2068	206.833 {4	Y_2243	ppm	0.0032	0.001	32.03	0.004	0.0025
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0002	33.32	0.0007	0.0004

Si2516	251.611 {1	Y_3710	ppm	0.0202	0.0047	23.43	0.0169	0.0236
Sn1899	189.989 {4	In2306	ppm	0.0025	0.0003	12.69	0.0023	0.0027
Sr4215	421.552 { 8	Y_3710	ppm	0.0023	0	2.042	0.0023	0.0022
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0.0002	157.7	-0.0003	0
Tl1908	190.856 {4	In2306	ppm	0	0.0006	1587	0.0005	-0.0004
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0	43.67	-0.0001	0
Zn2062	206.200 {4	In2306	ppm	0.0069	0.0002	2.957	0.007	0.0067

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	152.36	1.042	0.68392	151.62	153.09
In2306	230.606 {4	Cts/S	10796	53.567	0.49618	10758	10834
Y_2243	224.306 {4	Cts/S	13121	59.467	0.45323	13079	13163
Y_3600	360.073 { 9	Cts/S	110780	590.8	0.53332	110360	111200
Y_3710	371.030 { 9	Cts/S	10814	1.6268	0.01504	10816	10813

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Mode=CONC
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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	20.78	0.0006	0.0005
Al3082	308.215 {1	In2306	ppm	0.0253	0.044	174.2	-0.0059	0.0564
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0004	565.2	0.0002	-0.0004
B_2496	249.678 {1	Y_3710	ppm	-0.0025	0.0005	19.76	-0.0022	-0.0029
Ba4554	455.403 { 7	Y_3710	ppm	0.0054	0	0.0111	0.0054	0.0054
Be3130	313.042 {1	Y_3710	ppm	0	0	183.1	0	0
Ca3158	315.887 {1	In2306	ppm	0.0531	0.0014	2.545	0.054	0.0521
Ca3181	318.128 {1	In2306	ppm	0.0999	0.0185	18.51	0.0868	0.113
Cd2288	228.802 {4	Y_2243	ppm	0	0	19.51	0	0
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	64.32	-0.0001	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0	8.751	-0.0002	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0007	0.0002	30.27	0.0006	0.0009
Fe2404	240.488 {1	In2306	ppm	0.0097	0.0013	12.86	0.0106	0.0089
K_7664	766.490 { 4	Y_3710	ppm	0.0353	0.0106	29.91	0.0428	0.0278
K_7698	769.896 { 4	Y_3710	ppm	-0.0011	0.0237	2077	-0.0179	0.0156
Li6707	670.784 { 5	Y_3710	ppm	-0.0005	0.0004	78.23	-0.0002	-0.0008
Mg2790	279.079 {1	Y_3710	ppm	-0.0343	0.0146	42.45	-0.0447	-0.024
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	5.797	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0005	0.0005	93.28	0.0002	0.0009
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0.0001	87.45	-0.0002	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0192	0.001	5.279	0.0199	0.0185
Na8183	818.326 { 4	Y_3710	ppm	-0.0618	0.0227	36.72	-0.0779	-0.0458
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0001	84.42	-0.0001	-0.0003
P_1782	178.284 {4	In2306	ppm	0.0064	0.0003	4.04	0.0062	0.0066
Pb2203	220.353 {4	In2306	ppm	-0.001	0.0005	54.29	-0.0006	-0.0013
S_1820	182.034 {4	Y_2243	ppm	-11.99	1.743	14.53	-13.23	-10.76
Sb2068	206.833 {4	Y_2243	ppm	-0.0003	0.0004	121.8	0	-0.0006

Se1960	196.090 {4	Y_2243	ppm	0.0017	0.0016	95.13	0.0029	0.0006
Si2516	251.611 {1	Y_3710	ppm	0.0147	0.0024	16.49	0.0164	0.013
Sn1899	189.989 {4	In2306	ppm	0.0027	0.0002	6.885	0.0026	0.0029
Sr4215	421.552 { 8	Y_3710	ppm	0.0016	0.0002	10.34	0.0015	0.0017
Ti3349	334.904 {1	Y_3600	ppm	-0.0008	0.0003	44.93	-0.0005	-0.001
Tl1908	190.856 {4	In2306	ppm	0.0011	0.0006	55.1	0.0015	0.0007
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0.0003	65.17	-0.0006	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0068	0.0001	1.645	0.0068	0.0067

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	146.28	5.4319	3.7133	150.12	142.44
In2306	230.606 {4	Cts/S	10919	138.8	1.2712	10821	11017
Y_2243	224.306 {4	Cts/S	13210	171.33	1.297	13089	13331
Y_3600	360.073 { 9	Cts/S	111090	210.61	0.18958	111240	110950
Y_3710	371.030 { 9	Cts/S	10647	250.2	2.3499	10824	10471

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	123.4	0	0.0005
Al3082	308.215 {1	In2306	ppm	0.7631	0.0178	2.339	0.7757	0.7505
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0001	7.123	0.0018	0.002
B_2496	249.678 {1	Y_3710	ppm	0.0058	0.0022	37.47	0.0043	0.0073
Ba4554	455.403 { 7	Y_3710	ppm	3.429	0.0025	0.0734	3.427	3.431
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	57.05	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	0.9892	0.0057	0.5798	0.9933	0.9851
Ca3181	318.128 {1	In2306	ppm	1.047	0.0693	6.617	1.096	0.9984
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	52.51	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0009	0.0001	7.02	0.0009	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0014	0	2.835	0.0015	0.0014
Cu3247	324.754 {1	Y_3600	ppm	0.0346	0.0005	1.434	0.0343	0.035
Fe2404	240.488 {1	In2306	ppm	0.8092	0.0084	1.033	0.8033	0.8151
K_7664	766.490 { 4	Y_3710	ppm	0.1109	0.0232	20.9	0.1272	0.0945
K_7698	769.896 { 4	Y_3710	ppm	0.1075	0.0131	12.19	0.1167	0.0982
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0006	1090	0.0005	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.3022	0.0363	12.02	0.2765	0.3279
Mn2576	257.610 {1	Y_3600	ppm	0.029	0	0.0178	0.029	0.029
Mn2576-2	257.610 {1	Y_3710	ppm	0.0291	0.0004	1.42	0.0288	0.0294
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0.0002	105.5	-0.0003	0
Na5895	589.592 { 5	Y_3710	ppm	0.086	0.0021	2.443	0.0875	0.0845
Na8183	818.326 { 4	Y_3710	ppm	0.1077	0.051	47.32	0.1437	0.0717
Ni2316	231.604 {4	In2306	ppm	0.0005	0.0002	45.8	0.0003	0.0007
P_1782	178.284 {4	In2306	ppm	0.1088	0.0038	3.501	0.1115	0.1061
Pb2203	220.353 {4	In2306	ppm	0.0064	0.0005	7.299	0.0068	0.0061
S_1820	182.034 {4	Y_2243	ppm	-2403	80.22	3.338	-2460	-2346

Sb2068	206.833 {4	Y_2243	ppm	0.0013	0.0006	47.76	0.0017	0.0008
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.001	272.4	0.0011	-0.0003
Si2516	251.611 {1	Y_3710	ppm	0.3401	0.0089	2.626	0.3338	0.3464
Sn1899	189.989 {4	In2306	ppm	0.0026	0	0.0339	0.0026	0.0026
Sr4215	421.552 { 8	Y_3710	ppm	8.432	0.006	0.0714	8.428	8.436
Ti3349	334.904 {1	Y_3600	ppm	0.0265	0.0003	1.194	0.0267	0.0262
Tl1908	190.856 {4	In2306	ppm	-0.0007	0.0007	111.2	-0.0001	-0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0015	0	0.3562	0.0015	0.0015
Zn2062	206.200 {4	In2306	ppm	0.0197	0.0006	2.977	0.0201	0.0193

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	152.3	0.88447	0.58076	151.67	152.92
In2306	230.606 {4	Cts/S	10706	26.064	0.24346	10687	10724
Y_2243	224.306 {4	Cts/S	13069	10.365	0.07931	13061	13076
Y_3600	360.073 { 9	Cts/S	110990	111.59	0.10054	110910	111070
Y_3710	371.030 { 9	Cts/S	10626	23.397	0.22019	10609	10642

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0009	0.0002	24.57	0.0007	0.001
Al3082	308.215 {1	In2306	ppm	0.1722	0.021	12.2	0.1574	0.1871
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0004	651.9	0.0002	-0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.001	0.0053	521.4	0.0027	-0.0048
Ba4554	455.403 { 7	Y_3710	ppm	0.4306	0.0016	0.3639	0.4317	0.4294
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	436.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	72.34	0.6636	0.9174	72.81	71.87
Ca3181	318.128 {1	In2306	ppm	71.99	0.4829	0.6708	72.33	71.65
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	40.54	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0	0	72.49	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0	2.39	0.0002	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0011	0.0004	36.13	0.0008	0.0014
Fe2404	240.488 {1	In2306	ppm	0.0709	0.0028	3.911	0.0728	0.0689
K_7664	766.490 { 4	Y_3710	ppm	0.0474	0.0259	54.52	0.0291	0.0657
K_7698	769.896 { 4	Y_3710	ppm	-0.0158	0.058	368	-0.0567	0.0252
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0003	64.46	0.0007	0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.5451	0.0369	6.772	0.519	0.5712
Mn2576	257.610 {1	Y_3600	ppm	0.0044	0	1.053	0.0043	0.0044
Mn2576-2	257.610 {1	Y_3710	ppm	0.0053	0	0.5309	0.0053	0.0052
Mo2020	202.030 {4	Y_2243	ppm	0	0.0002	372.1	0.0001	-0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.1307	0.0041	3.14	0.1336	0.1278
Na8183	818.326 { 4	Y_3710	ppm	0.4374	0.0938	21.45	0.5038	0.3711
Ni2316	231.604 {4	In2306	ppm	-0.0001	0	5.942	-0.0001	-0.0001
P_1782	178.284 {4	In2306	ppm	0.0438	0.0002	0.5654	0.0436	0.0439
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0007	1219	-0.0005	0.0006

S_1820	182.034 {4	Y_2243	ppm	-113.3	23.49	20.73	-96.69	-129.9
Sb2068	206.833 {4	Y_2243	ppm	-0.0002	0.0004	235.3	0.0001	-0.0004
Se1960	196.090 {4	Y_2243	ppm	-0.0002	0.0022	1079	-0.0018	0.0014
Si2516	251.611 {1	Y_3710	ppm	0.1572	0.0037	2.355	0.1598	0.1546
Sn1899	189.989 {4	In2306	ppm	0.0288	0.0015	5.098	0.0298	0.0277
Sr4215	421.552 { 8	Y_3710	ppm	0.0615	0.0005	0.7738	0.0618	0.0611
Ti3349	334.904 {1	Y_3600	ppm	0.0012	0	3.587	0.0012	0.0011
Tl1908	190.856 {4	In2306	ppm	0.0002	0.0005	280.7	0.0005	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	29.85	0.0005	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0101	0.0002	1.493	0.0102	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	147.9	1.5931	1.0771	146.78	149.03
In2306	230.606 {4	Cts/S	10054	62.048	0.61714	10010	10098
Y_2243	224.306 {4	Cts/S	12594	36.751	0.29181	12568	12620
Y_3600	360.073 { 9	Cts/S	105800	66.718	0.06306	105750	105850
Y_3710	371.030 { 9	Cts/S	10614	43.909	0.41369	10645	10583

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Custom ID2=
Custom ID3=
Run Time=1/13/2012 8:25:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	16.15	0.0006	0.0005
Al3082	308.215 {1	In2306	ppm	0.0005	0.0222	4411	-0.0152	0.0162
As1890	189.042 {4	Y_2243	ppm	0.0005	0.0001	19.42	0.0006	0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0037	0.0003	8.787	-0.0035	-0.004
Ba4554	455.403 { 7	Y_3710	ppm	0.0059	0	0.5365	0.0058	0.0059
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	282.3	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0425	0.0123	28.89	0.0338	0.0511
Ca3181	318.128 {1	In2306	ppm	0.0795	0.0205	25.85	0.065	0.094
Cd2288	228.802 {4	Y_2243	ppm	0	0	11.58	0	0
Co2286	228.616 {4	In2306	ppm	0	0	171.3	0	0
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0003	122.8	0	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	0	0.0002	778.2	0.0001	-0.0001
Fe2404	240.488 {1	In2306	ppm	0.012	0.0121	101	0.0206	0.0034
K_7664	766.490 { 4	Y_3710	ppm	0.0047	0.017	360.3	0.0168	-0.0073
K_7698	769.896 { 4	Y_3710	ppm	0.026	0.0101	38.73	0.0189	0.0331
Li6707	670.784 { 5	Y_3710	ppm	0	0.001	53420	-0.0007	0.0007
Mg2790	279.079 {1	Y_3710	ppm	-0.0352	0.0112	31.86	-0.0273	-0.0432
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	38.12	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0003	126.5	-0.0004	0
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0	17.21	-0.0002	-0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0241	0.0088	36.65	0.0178	0.0303
Na8183	818.326 { 4	Y_3710	ppm	-0.0427	0.0413	96.63	-0.0135	-0.0719
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	110	0	-0.0002
P_1782	178.284 {4	In2306	ppm	0.0091	0	0.0189	0.0091	0.0091

Pb2203	220.353 {4	In2306	ppm	-0.0002	0	11.59	-0.0002	-0.0002
S_1820	182.034 {4	Y_2243	ppm	-11.62	2.91	25.04	-9.566	-13.68
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0009	59.26	0.0021	0.0009
Se1960	196.090 {4	Y_2243	ppm	0.0028	0.002	71.6	0.0014	0.0042
Si2516	251.611 {1	Y_3710	ppm	0.0283	0.0068	24.03	0.0235	0.0331
Sn1899	189.989 {4	In2306	ppm	0.003	0.0001	3.658	0.0029	0.0031
Sr4215	421.552 { 8	Y_3710	ppm	0.0004	0.0001	11.71	0.0004	0.0005
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0.0001	68.04	-0.0002	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0011	0.0002	22.3	0.0009	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0002	115.4	-0.0003	0
Zn2062	206.200 {4	In2306	ppm	0.0055	0	0.4012	0.0055	0.0055

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	151.25	0.23297	0.15403	151.08	151.41
In2306	230.606 {4	Cts/S	10862	29.051	0.26744	10883	10842
Y_2243	224.306 {4	Cts/S	13082	38.289	0.29267	13109	13055
Y_3600	360.073 { 9	Cts/S	111590	859.82	0.77053	112200	110980
Y_3710	371.030 { 9	Cts/S	10746	47.486	0.44189	10780	10713

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Custom ID1=
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Custom ID3=
Run Time=1/13/2012 8:28:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	55.16	0.0001	0.0001
Al3082	308.215 {1	In2306	ppm	1.761	0.0067	0.3778	1.756	1.765
As1890	189.042 {4	Y_2243	ppm	-0.0004	0.0002	59.72	-0.0006	-0.0002
B_2496	249.678 {1	Y_3710	ppm	-0.0024	0.0005	20.26	-0.002	-0.0027
Ba4554	455.403 { 7	Y_3710	ppm	1.056	0.0041	0.3894	1.059	1.053
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	361.3	0	0.0001
Ca3158	315.887 {1	In2306	ppm	121.7	1.312	1.078	120.7	122.6
Ca3181	318.128 {1	In2306	ppm	121.3	1.386	1.143	120.3	122.2
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	25.67	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0	0	12.19	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0001	10.3	0.0007	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.003	0.0006	19.97	0.0034	0.0025
Fe2404	240.488 {1	In2306	ppm	0.0844	0.0054	6.417	0.0882	0.0806
K_7664	766.490 { 4	Y_3710	ppm	0.0734	0.0175	23.82	0.0611	0.0858
K_7698	769.896 { 4	Y_3710	ppm	0.0499	0.0012	2.327	0.0491	0.0508
Li6707	670.784 { 5	Y_3710	ppm	0.0008	0.0002	27.75	0.001	0.0007
Mg2790	279.079 {1	Y_3710	ppm	1.06	0.0186	1.757	1.047	1.073
Mn2576	257.610 {1	Y_3600	ppm	0.0069	0.0004	5.815	0.0071	0.0066
Mn2576-2	257.610 {1	Y_3710	ppm	0.0074	0.0002	3.102	0.0076	0.0072
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0	11.73	-0.0001	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.2749	0.007	2.554	0.2799	0.2699
Na8183	818.326 { 4	Y_3710	ppm	0.2219	0.17	76.6	0.3421	0.1017
Ni2316	231.604 {4	In2306	ppm	0.0007	0.0002	34.79	0.0009	0.0005

P_1782	178.284 {4	In2306	ppm	0.0685	0.0004	0.5686	0.0688	0.0682
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0003	57.98	0.0003	0.0008
S_1820	182.034 {4	Y_2243	ppm	-205.1	1.349	0.6578	-206	-204.1
Sb2068	206.833 {4	Y_2243	ppm	0	0.0018	16560	0.0013	-0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0016	179.6	-0.0002	0.002
Si2516	251.611 {1	Y_3710	ppm	0.2694	0.0086	3.177	0.2755	0.2634
Sn1899	189.989 {4	In2306	ppm	0.0317	0.0002	0.6878	0.0319	0.0315
Sr4215	421.552 { 8	Y_3710	ppm	0.108	0.0001	0.0906	0.1081	0.1079
Ti3349	334.904 {1	Y_3600	ppm	0.1262	0.0079	6.278	0.1318	0.1206
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0018	374	-0.0018	0.0008
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0	47.06	-0.0001	0
Zn2062	206.200 {4	In2306	ppm	0.0096	0.0001	1.262	0.0095	0.0097

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	150.2	0.25182	0.16766	150.38	150.02
In2306	230.606 {4	Cts/S	9747.4	97.736	1.0027	9816.5	9678.3
Y_2243	224.306 {4	Cts/S	12379	167.96	1.3568	12498	12260
Y_3600	360.073 { 9	Cts/S	106050	4973.2	4.6894	102540	109570
Y_3710	371.030 { 9	Cts/S	10648	50.286	0.47227	10612	10683

[Sample Header]
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SampleName=600-48542-a-7-a@10
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 8:30:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0003	47.07	0.0009	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0041	0.0207	505.9	0.0105	-0.0187
As1890	189.042 {4	Y_2243	ppm	0.003	0.0009	30.81	0.0023	0.0036
B_2496	249.678 {1	Y_3710	ppm	0.0713	0.0023	3.175	0.0697	0.0729
Ba4554	455.403 { 7	Y_3710	ppm	0.0471	0.0003	0.6719	0.0469	0.0474
Be3130	313.042 {1	Y_3710	ppm	0	0	133.1	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0502	0.0113	22.56	0.0583	0.0422
Ca3181	318.128 {1	In2306	ppm	0.1137	0.0071	6.244	0.1187	0.1087
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	399.7	0	-0.0001
Co2286	228.616 {4	In2306	ppm	-0.0001	0	61.18	-0.0001	0
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0001	12.4	0.0005	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0006	0.0001	10.73	0.0005	0.0006
Fe2404	240.488 {1	In2306	ppm	0.0676	0.0198	29.31	0.0817	0.0536
K_7664	766.490 { 4	Y_3710	ppm	0.0045	0.005	110.9	0.0081	0.001
K_7698	769.896 { 4	Y_3710	ppm	-0.0189	0.0201	106.3	-0.0047	-0.0331
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0003	198.7	-0.0003	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0065	0.02	305.5	-0.0207	0.0076
Mn2576	257.610 {1	Y_3600	ppm	0.0006	0	5.842	0.0006	0.0005
Mn2576-2	257.610 {1	Y_3710	ppm	0	0.0005	7453	0.0003	-0.0003
Mo2020	202.030 {4	Y_2243	ppm	-0.0004	0	2.752	-0.0004	-0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0077	0.002	25.76	0.009	0.0063
Na8183	818.326 { 4	Y_3710	ppm	0.0194	0.0474	244.8	0.0529	-0.0142

Ni2316	231.604 {4	In2306	ppm	0	0.0002	1173	0.0001	-0.0001
P_1782	178.284 {4	In2306	ppm	0.0046	0.0001	1.505	0.0046	0.0045
Pb2203	220.353 {4	In2306	ppm	0.0001	0.001	787.4	0.0009	-0.0006
S_1820	182.034 {4	Y_2243	ppm	-21.98	0.2995	1.363	-22.19	-21.77
Sb2068	206.833 {4	Y_2243	ppm	-0.0005	0.0002	38.85	-0.0003	-0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0011	0.0001	12.4	0.001	0.0012
Si2516	251.611 {1	Y_3710	ppm	0.0029	0.0094	325.5	0.0096	-0.0038
Sn1899	189.989 {4	In2306	ppm	0.0021	0.0001	4.608	0.0021	0.002
Sr4215	421.552 { 8	Y_3710	ppm	0.0008	0	0.9041	0.0008	0.0007
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0002	33.9	0.0004	0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0013	0	0.4688	-0.0013	-0.0013
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0001	33.55	-0.0002	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.0059	0	0.2366	0.0059	0.0059

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	150.76	1.5642	1.0375	149.66	151.87
In2306	230.606 {4	Cts/S	10875	0.25976	0.00239	10876	10875
Y_2243	224.306 {4	Cts/S	13114	29.044	0.22148	13093	13134
Y_3600	360.073 { 9	Cts/S	112510	911.13	0.80979	111870	113160
Y_3710	371.030 { 9	Cts/S	10806	69.776	0.64569	10757	10856

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SampleName=600-48542-a-8-a@10
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 8:33:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0004	55.84	0.0004	0.0009
Al3082	308.215 {1	In2306	ppm	0.0693	0.004	5.784	0.0665	0.0721
As1890	189.042 {4	Y_2243	ppm	0.0004	0.0008	171.4	0.001	-0.0001
B_2496	249.678 {1	Y_3710	ppm	-0.0034	0.0074	220.1	-0.0086	0.0019
Ba4554	455.403 { 7	Y_3710	ppm	1.189	0.0015	0.1295	1.19	1.188
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	1351	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	141.9	0.03	0.0211	141.9	141.9
Ca3181	318.128 {1	In2306	ppm	141.7	0.4121	0.2909	141.4	142
Cd2288	228.802 {4	Y_2243	ppm	0	0	9508	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	11.38	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0003	34.2	0.0012	0.0007
Cu3247	324.754 {1	Y_3600	ppm	0.0022	0.0001	4.381	0.0021	0.0022
Fe2404	240.488 {1	In2306	ppm	0.0689	0.0059	8.628	0.0731	0.0647
K_7664	766.490 { 4	Y_3710	ppm	0.0107	0.0129	120.4	0.0198	0.0016
K_7698	769.896 { 4	Y_3710	ppm	-0.0107	0.0188	175.5	0.0026	-0.024
Li6707	670.784 { 5	Y_3710	ppm	0.0007	0.0003	43.28	0.0009	0.0005
Mg2790	279.079 {1	Y_3710	ppm	1.215	0.0075	0.6164	1.221	1.21
Mn2576	257.610 {1	Y_3600	ppm	0.0079	0.0001	1.337	0.0079	0.0078
Mn2576-2	257.610 {1	Y_3710	ppm	0.0074	0.0001	1.13	0.0074	0.0075
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0.0002	110.1	-0.0003	0
Na5895	589.592 { 5	Y_3710	ppm	0.0926	0.0041	4.377	0.0955	0.0897

Na8183	818.326 {	4	Y_3710	ppm	0.1491	0.0868	58.25	0.2105	0.0877
Ni2316	231.604 {	4	In2306	ppm	0.0005	0.0001	22.56	0.0005	0.0004
P_1782	178.284 {	4	In2306	ppm	0.0446	0.0007	1.555	0.0451	0.0441
Pb2203	220.353 {	4	In2306	ppm	0.0007	0.0002	33.37	0.0009	0.0006
S_1820	182.034 {	4	Y_2243	ppm	-243.9	2.159	0.8854	-245.4	-242.3
Sb2068	206.833 {	4	Y_2243	ppm	0.0006	0.0008	145.1	0.0011	0
Se1960	196.090 {	4	Y_2243	ppm	0.0001	0.0018	1784	-0.0012	0.0014
Si2516	251.611 {	1	Y_3710	ppm	0.1347	0.0005	0.3349	0.135	0.1343
Sn1899	189.989 {	4	In2306	ppm	0.03	0.0007	2.378	0.0305	0.0295
Sr4215	421.552 {	8	Y_3710	ppm	0.1253	0.0005	0.4073	0.1256	0.1249
Ti3349	334.904 {	1	Y_3600	ppm	0.0013	0.0004	31.9	0.0016	0.001
Tl1908	190.856 {	4	In2306	ppm	0.0018	0.0008	43.48	0.0023	0.0012
V_2924	292.402 {	1	Y_3600	ppm	0.0001	0	44.7	0.0001	0.0001
Zn2062	206.200 {	4	In2306	ppm	0.0096	0.0001	0.8633	0.0096	0.0095

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {	1	Cts/S	149.77	0.05576	0.03723	149.81	149.73
In2306	230.606 {	4	Cts/S	9720.9	16.953	0.17439	9732.9	9708.9
Y_2243	224.306 {	4	Cts/S	12331	47.8	0.38765	12365	12297
Y_3600	360.073 {	9	Cts/S	101460	734.23	0.72366	100940	101980
Y_3710	371.030 {	9	Cts/S	10516	34.249	0.32569	10491	10540

[Sample Header]
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SampleName=600-48542-a-9-a@10
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 8:36:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {	1	Y_3600	ppm	0.0004	0	0.1814	0.0004	0.0004
Al3082	308.215 {	1	In2306	ppm	0.3533	0.0066	1.882	0.358	0.3486
As1890	189.042 {	4	Y_2243	ppm	0.0015	0.0002	11.52	0.0014	0.0016
B_2496	249.678 {	1	Y_3710	ppm	0.0022	0.0041	184.6	-0.0007	0.0051
Ba4554	455.403 {	7	Y_3710	ppm	0.0026	0	0.4628	0.0026	0.0026
Be3130	313.042 {	1	Y_3710	ppm	0	0	58.76	0	0
Ca3158	315.887 {	1	In2306	ppm	0.4254	0.004	0.9354	0.4225	0.4282
Ca3181	318.128 {	1	In2306	ppm	0.4411	0.0097	2.207	0.4342	0.448
Cd2288	228.802 {	4	Y_2243	ppm	0	0.0001	241	0.0001	0
Co2286	228.616 {	4	In2306	ppm	0.0001	0.0002	156	0.0003	0
Cr2677	267.716 {	1	Y_3600	ppm	0.0003	0.0001	45.09	0.0004	0.0002
Cu3247	324.754 {	1	Y_3600	ppm	0.0033	0.0003	8.825	0.0031	0.0036
Fe2404	240.488 {	1	In2306	ppm	0.3075	0.0077	2.519	0.313	0.302
K_7664	766.490 {	4	Y_3710	ppm	0.0394	0.0032	8.081	0.0371	0.0416
K_7698	769.896 {	4	Y_3710	ppm	0.067	0.041	61.19	0.0961	0.038
Li6707	670.784 {	5	Y_3710	ppm	-0.0001	0.0002	129.2	-0.0003	0
Mg2790	279.079 {	1	Y_3710	ppm	0.8771	0.028	3.191	0.8969	0.8573
Mn2576	257.610 {	1	Y_3600	ppm	0.0078	0.0001	1.654	0.0077	0.0079
Mn2576-2	257.610 {	1	Y_3710	ppm	0.0084	0.0002	2.234	0.0085	0.0083
Mo2020	202.030 {	4	Y_2243	ppm	-0.0003	0.0001	25.34	-0.0002	-0.0003

Na5895	589.592 { 5	Y_3710	ppm	0.146	0.0016	1.11	0.1448	0.1471
Na8183	818.326 { 4	Y_3710	ppm	0.2073	0.0174	8.407	0.195	0.2196
Ni2316	231.604 {4	In2306	ppm	-0.0005	0	6.356	-0.0005	-0.0005
P_1782	178.284 {4	In2306	ppm	0.0185	0.0011	6.035	0.0193	0.0177
Pb2203	220.353 {4	In2306	ppm	0.0002	0.0003	174.3	0	0.0004
S_1820	182.034 {4	Y_2243	ppm	-23.53	1.282	5.45	-22.62	-24.44
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0.0009	639.1	0.0008	-0.0005
Se1960	196.090 {4	Y_2243	ppm	-0.0001	0.0001	112.8	0	-0.0001
Si2516	251.611 {1	Y_3710	ppm	0.2621	0.0019	0.7272	0.2607	0.2634
Sn1899	189.989 {4	In2306	ppm	0.0026	0.0001	2.528	0.0025	0.0026
Sr4215	421.552 { 8	Y_3710	ppm	0.0009	0	4.145	0.0009	0.001
Ti3349	334.904 {1	Y_3600	ppm	0	0	77.69	0	0
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0015	451.5	0.0007	-0.0014
V_2924	292.402 {1	Y_3600	ppm	0.0017	0.0002	11.22	0.0016	0.0019
Zn2062	206.200 {4	In2306	ppm	0.0125	0.0002	1.691	0.0127	0.0124

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	151.38	0.08881	0.05866	151.45	151.32
In2306	230.606 {4	Cts/S	10837	7.0986	0.0655	10832	10842
Y_2243	224.306 {4	Cts/S	13094	16.996	0.1298	13106	13082
Y_3600	360.073 { 9	Cts/S	113270	1960.4	1.7308	114650	111880
Y_3710	371.030 { 9	Cts/S	10695	83.702	0.78261	10636	10754

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Run Time=1/13/2012 8:38:58
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2338	0.0115	4.94	0.2256	0.242
Al3082	308.215 {1	In2306	ppm	2.508	0.0653	2.605	2.462	2.554
As1890	189.042 {4	Y_2243	ppm	0.5031	0.0016	0.3272	0.502	0.5043
B_2496	249.678 {1	Y_3710	ppm	0.4804	0.0044	0.9095	0.4835	0.4773
Ba4554	455.403 { 7	Y_3710	ppm	0.4866	0.0116	2.383	0.4784	0.4948
Be3130	313.042 {1	Y_3710	ppm	0.4881	0.0113	2.309	0.4801	0.496
Ca3158	315.887 {1	In2306	ppm	12.71	0.5347	4.207	12.33	13.09
Ca3181	318.128 {1	In2306	ppm	12.53	0.516	4.119	12.16	12.89
Cd2288	228.802 {4	Y_2243	ppm	0.4916	0.0009	0.1815	0.4909	0.4922
Co2286	228.616 {4	In2306	ppm	0.4838	0.0004	0.0889	0.4835	0.4841
Cr2677	267.716 {1	Y_3600	ppm	0.4531	0.0224	4.944	0.4373	0.469
Cu3247	324.754 {1	Y_3600	ppm	0.4556	0.0249	5.467	0.4379	0.4732
Fe2404	240.488 {1	In2306	ppm	2.535	0.0997	3.931	2.465	2.606
K_7664	766.490 { 4	Y_3710	ppm	12.47	0.2362	1.894	12.3	12.64
K_7698	769.896 { 4	Y_3710	ppm	12.47	0.2164	1.736	12.31	12.62
Li6707	670.784 { 5	Y_3710	ppm	0.5073	0.0089	1.756	0.501	0.5136
Mg2790	279.079 {1	Y_3710	ppm	4.728	0.2225	4.707	4.57	4.885
Mn2576	257.610 {1	Y_3600	ppm	0.46	0.0266	5.782	0.4412	0.4789
Mn2576-2	257.610 {1	Y_3710	ppm	0.4809	0.0146	3.029	0.4706	0.4912

Mo2020	202.030 {4	Y_2243	ppm	0.5115	0.0019	0.3663	0.5128	0.5102
Na5895	589.592 { 5	Y_3710	ppm	12.64	0.1955	1.547	12.5	12.78
Na8183	818.326 { 4	Y_3710	ppm	12.47	0.2092	1.678	12.32	12.62
Ni2316	231.604 {4	In2306	ppm	0.4881	0.0015	0.3035	0.4891	0.487
P_1782	178.284 {4	In2306	ppm	-0.0024	0.0001	4.314	-0.0024	-0.0023
Pb2203	220.353 {4	In2306	ppm	0.4861	0.0029	0.5944	0.4882	0.4841
S_1820	182.034 {4	Y_2243	ppm	-627.2	0.7117	0.1135	-626.7	-627.7
Sb2068	206.833 {4	Y_2243	ppm	0.4915	0.0011	0.2261	0.4923	0.4907
Se1960	196.090 {4	Y_2243	ppm	0.5138	0.0036	0.6911	0.5113	0.5163
Si2516	251.611 {1	Y_3710	ppm	0.8906	0.0157	1.758	0.8796	0.9017
Sn1899	189.989 {4	In2306	ppm	0.4823	0.0023	0.4674	0.4839	0.4807
Sr4215	421.552 { 8	Y_3710	ppm	0.2515	0.0064	2.55	0.2469	0.256
Ti3349	334.904 {1	Y_3600	ppm	0.4496	0.0246	5.48	0.4322	0.467
Tl1908	190.856 {4	In2306	ppm	0.5	0.0028	0.5548	0.5019	0.498
V_2924	292.402 {1	Y_3600	ppm	0.4505	0.0201	4.471	0.4362	0.4647
Zn2062	206.200 {4	In2306	ppm	0.4784	0.0027	0.5602	0.4803	0.4765

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	151.13	5.0267	3.3261	154.68	147.57
In2306	230.606 {4	Cts/S	10094	103.21	1.0224	10167	10021
Y_2243	224.306 {4	Cts/S	12749	156.24	1.2256	12859	12638
Y_3600	360.073 { 9	Cts/S	111760	5120.5	4.5818	115380	108140
Y_3710	371.030 { 9	Cts/S	10908	188.5	1.7281	11041	10775

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.005	0.0003	5.987	0.0053	0.0048
Al3082	308.215 {1	In2306	ppm	0.1029	0.011	10.66	0.1106	0.0951
As1890	189.042 {4	Y_2243	ppm	0.0138	0.0048	34.61	0.0105	0.0172
B_2496	249.678 {1	Y_3710	ppm	0.01	0.0001	0.8421	0.01	0.0101
Ba4554	455.403 { 7	Y_3710	ppm	0.0093	0.0002	2.297	0.0095	0.0092
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.5796	0.0049	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0868	0.0119	13.69	0.0952	0.0784
Ca3181	318.128 {1	In2306	ppm	0.0769	0.024	31.15	0.06	0.0939
Cd2288	228.802 {4	Y_2243	ppm	0.0093	0.0053	57.12	0.0056	0.0131
Co2286	228.616 {4	In2306	ppm	0.0139	0.0057	40.65	0.0099	0.0179
Cr2677	267.716 {1	Y_3600	ppm	0.0095	0.0003	2.863	0.0097	0.0093
Cu3247	324.754 {1	Y_3600	ppm	0.0102	0.0005	4.686	0.0105	0.0098
Fe2404	240.488 {1	In2306	ppm	0.1012	0.0027	2.663	0.1031	0.0993
K_7664	766.490 { 4	Y_3710	ppm	0.6273	0.0159	2.535	0.6386	0.6161
K_7698	769.896 { 4	Y_3710	ppm	0.6028	0.0192	3.19	0.5892	0.6164
Li6707	670.784 { 5	Y_3710	ppm	0.0092	0.0007	7.977	0.0097	0.0087
Mg2790	279.079 {1	Y_3710	ppm	0.0786	0.0076	9.707	0.084	0.0732
Mn2576	257.610 {1	Y_3600	ppm	0.01	0.0004	3.924	0.0103	0.0097

Mn2576-2	257.610 {1	Y_3710	ppm	0.0097	0.0003	2.628	0.0096	0.0099
Mo2020	202.030 {4	Y_2243	ppm	0.0163	0.0065	39.95	0.0117	0.021
Na5895	589.592 { 5	Y_3710	ppm	0.5973	0.0005	0.0803	0.597	0.5976
Na8183	818.326 { 4	Y_3710	ppm	0.5936	0.0902	15.19	0.6573	0.5298
Ni2316	231.604 {4	In2306	ppm	0.0141	0.0059	42.05	0.0099	0.0184
P_1782	178.284 {4	In2306	ppm	0.0083	0.0001	1.196	0.0084	0.0083
Pb2203	220.353 {4	In2306	ppm	0.0134	0.0041	30.53	0.0105	0.0163
S_1820	182.034 {4	Y_2243	ppm	-3.009	6.202	206.1	1.376	-7.394
Sb2068	206.833 {4	Y_2243	ppm	0.0217	0.0057	26.29	0.0177	0.0258
Se1960	196.090 {4	Y_2243	ppm	0.0124	0.0044	35.66	0.0092	0.0155
Si2516	251.611 {1	Y_3710	ppm	0.016	0.0021	12.95	0.0146	0.0175
Sn1899	189.989 {4	In2306	ppm	0.0145	0.006	41.79	0.0102	0.0187
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.5147	0.0049	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0095	0.0003	3.394	0.0097	0.0093
Tl1908	190.856 {4	In2306	ppm	0.0155	0.0059	38.43	0.0113	0.0197
V_2924	292.402 {1	Y_3600	ppm	0.0092	0.0002	2.344	0.0094	0.0091
Zn2062	206.200 {4	In2306	ppm	0.0134	0.0053	39.7	0.0096	0.0172

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	156.25	1.5899	1.0175	157.37	155.12
In2306	230.606 {4	Cts/S	10726	25.274	0.23564	10708	10744
Y_2243	224.306 {4	Cts/S	13064	65.901	0.50445	13017	13111
Y_3600	360.073 { 9	Cts/S	109650	3169.6	2.8906	107410	111890
Y_3710	371.030 { 9	Cts/S	11003	14.846	0.13493	11014	10993

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0001	25.39	0.0007	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0067	0.0156	231.1	0.0043	-0.0178
As1890	189.042 {4	Y_2243	ppm	0.001	0	3.336	0.001	0.0011
B_2496	249.678 {1	Y_3710	ppm	0.0018	0	2.727	0.0018	0.0017
Ba4554	455.403 { 7	Y_3710	ppm	-0.0007	0.0001	12.04	-0.0006	-0.0008
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	1366	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0054	0.0019	35.94	-0.004	-0.0067
Ca3181	318.128 {1	In2306	ppm	0.0582	0.0473	81.28	0.0916	0.0247
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	81.4	0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0	0	257.2	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	130.1	0	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0007	0.0003	46.44	0.0009	0.0004
Fe2404	240.488 {1	In2306	ppm	0.0051	0.0026	51.69	0.0032	0.007
K_7664	766.490 { 4	Y_3710	ppm	0.0277	0.0144	51.85	0.0176	0.0379
K_7698	769.896 { 4	Y_3710	ppm	0.0873	0.0354	40.52	0.0623	0.1123
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0.0001	31.81	-0.0004	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0304	0.0165	54.16	-0.042	-0.0188

Mn2576	257.610 {1	Y_3600	ppm	0	0	126.1	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0002	211	0.0002	0
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	731.3	-0.0001	0.0001
Na5895	589.592 { 5	Y_3710	ppm	-0.0045	0.0047	104.9	-0.0078	-0.0012
Na8183	818.326 { 4	Y_3710	ppm	0.0653	0.0184	28.17	0.0783	0.0523
Ni2316	231.604 {4	In2306	ppm	0.0001	0	45.86	0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.001	0	4.591	-0.001	-0.001
Pb2203	220.353 {4	In2306	ppm	-0.0001	0	15.67	-0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-0.0249	1.102	4433	0.7544	-0.8042
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0004	18.99	0.002	0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0002	22.08	0.001	0.0007
Si2516	251.611 {1	Y_3710	ppm	0.0063	0.0131	208.4	-0.003	0.0155
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0001	94.29	-0.0002	0
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	299.9	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0008	0.0005	67.66	-0.0004	-0.0011
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0005	54.38	0.0013	0.0006
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0001	44.6	-0.0002	-0.0004
Zn2062	206.200 {4	In2306	ppm	0	0.0001	651.8	-0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	156.96	0.03112	0.01982	156.94	156.99
In2306	230.606 {4	Cts/S	10782	20.406	0.18926	10767	10796
Y_2243	224.306 {4	Cts/S	13012	2.6326	0.02023	13013	13010
Y_3600	360.073 { 9	Cts/S	111140	24.49	0.02204	111150	111120
Y_3710	371.030 { 9	Cts/S	10983	92.423	0.8415	11049	10918

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0002	35.5	0.0007	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0197	0.0154	78.22	-0.0305	-0.0088
As1890	189.042 {4	Y_2243	ppm	0	0.0005	5552	0.0004	-0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0031	0.0036	113.6	0.0057	0.0006
Ba4554	455.403 { 7	Y_3710	ppm	0.0017	0	2.968	0.0017	0.0016
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	10.23	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0072	0.0069	95.79	-0.0121	-0.0023
Ca3181	318.128 {1	In2306	ppm	0.0179	0.007	38.93	0.013	0.0228
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	85.64	0	0.0002
Co2286	228.616 {4	In2306	ppm	0	0.0001	145.1	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0001	20.73	-0.0004	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0022	0	2.016	0.0021	0.0022
Fe2404	240.488 {1	In2306	ppm	0.0129	0.0145	112.7	0.0232	0.0026
K_7664	766.490 { 4	Y_3710	ppm	0.0205	0.0066	32.37	0.0158	0.0252
K_7698	769.896 { 4	Y_3710	ppm	0.0246	0.0226	91.88	0.0086	0.0406
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0.0001	19.41	-0.0005	-0.0004

Mg2790	279.079	{1	Y_3710	ppm	-0.0458	0.012	26.15	-0.0373	-0.0543
Mn2576	257.610	{1	Y_3600	ppm	0.0005	0	4.837	0.0005	0.0005
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0001	0.0002	208.2	0	-0.0002
Mo2020	202.030	{4	Y_2243	ppm	-0.0002	0.0001	21.76	-0.0003	-0.0002
Na5895	589.592	{ 5	Y_3710	ppm	0.0023	0	0.2356	0.0023	0.0023
Na8183	818.326	{ 4	Y_3710	ppm	0.1338	0.083	62.05	0.1925	0.0751
Ni2316	231.604	{4	In2306	ppm	-0.0008	0.0001	11.91	-0.0007	-0.0009
P_1782	178.284	{4	In2306	ppm	-0.0017	0.0002	13.3	-0.0016	-0.0019
Pb2203	220.353	{4	In2306	ppm	0.0006	0.0007	125.6	0.0011	0.0001
S_1820	182.034	{4	Y_2243	ppm	-9.663	0.6585	6.815	-10.13	-9.197
Sb2068	206.833	{4	Y_2243	ppm	0.0017	0.0008	48.44	0.0011	0.0022
Se1960	196.090	{4	Y_2243	ppm	-0.0001	0.0011	1072	0.0007	-0.0009
Si2516	251.611	{1	Y_3710	ppm	0.0008	0.0001	13.17	0.0009	0.0007
Sn1899	189.989	{4	In2306	ppm	-0.0004	0.0005	143.4	0	-0.0007
Sr4215	421.552	{ 8	Y_3710	ppm	0	0	356.3	0	0
Ti3349	334.904	{1	Y_3600	ppm	-0.0005	0.0003	57.57	-0.0003	-0.0008
Tl1908	190.856	{4	In2306	ppm	0.0008	0.0013	163.4	-0.0001	0.0017
V_2924	292.402	{1	Y_3600	ppm	-0.0002	0.0005	197.7	0.0001	-0.0006
Zn2062	206.200	{4	In2306	ppm	0.0024	0.0001	2.492	0.0023	0.0024

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	154.55	3.0534	1.9756	152.4	156.71
In2306	230.606	{4	Cts/S	10764	25.148	0.23362	10782	10747
Y_2243	224.306	{4	Cts/S	12975	1.0366	0.00799	12976	12975
Y_3600	360.073	{ 9	Cts/S	113770	165.49	0.14546	113890	113650
Y_3710	371.030	{ 9	Cts/S	11000	50.243	0.45676	11035	10964

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.4924	0.0022	0.4392	0.4939	0.4909
Al3082	308.215	{1	In2306	ppm	10.35	0.1533	1.481	10.24	10.46
As1890	189.042	{4	Y_2243	ppm	1.045	0.0011	0.101	1.044	1.045
B_2496	249.678	{1	Y_3710	ppm	1.021	0.0043	0.4223	1.018	1.024
Ba4554	455.403	{ 7	Y_3710	ppm	1.032	0.004	0.3908	1.035	1.029
Be3130	313.042	{1	Y_3710	ppm	0.5128	0.0038	0.7487	0.5155	0.5101
Ca3158	315.887	{1	In2306	ppm	10.12	0.1874	1.852	9.986	10.25
Ca3181	318.128	{1	In2306	ppm	10	0.2182	2.182	9.847	10.16
Cd2288	228.802	{4	Y_2243	ppm	0.5074	0.0005	0.0917	0.5071	0.5077
Co2286	228.616	{4	In2306	ppm	0.9918	0.0012	0.125	0.991	0.9927
Cr2677	267.716	{1	Y_3600	ppm	0.9519	0.005	0.5229	0.9555	0.9484
Cu3247	324.754	{1	Y_3600	ppm	0.9788	0.0012	0.1261	0.9797	0.9779
Fe2404	240.488	{1	In2306	ppm	10.13	0.1896	1.871	10	10.27
K_7664	766.490	{ 4	Y_3710	ppm	10.86	0.1173	1.081	10.94	10.77
K_7698	769.896	{ 4	Y_3710	ppm	10.76	0.1117	1.039	10.83	10.68

Li6707	670.784 { 5	Y_3710	ppm	0.5608	0.006	1.074	0.565	0.5565
Mg2790	279.079 {1	Y_3710	ppm	9.889	0.001	0.0104	9.89	9.889
Mn2576	257.610 {1	Y_3600	ppm	0.9553	0.0087	0.9098	0.9614	0.9491
Mn2576-2	257.610 {1	Y_3710	ppm	1.009	0.0144	1.422	1.02	0.9993
Mo2020	202.030 {4	Y_2243	ppm	1.065	0.0013	0.1174	1.064	1.066
Na5895	589.592 { 5	Y_3710	ppm	11.08	0.1455	1.313	11.18	10.98
Na8183	818.326 { 4	Y_3710	ppm	10.32	0.0628	0.6083	10.28	10.37
Ni2316	231.604 {4	In2306	ppm	1.004	0.0005	0.0506	1.005	1.004
P_1782	178.284 {4	In2306	ppm	-0.002	0.0002	11.56	-0.0018	-0.0021
Pb2203	220.353 {4	In2306	ppm	1	0.0031	0.3076	1.002	0.9978
S_1820	182.034 {4	Y_2243	ppm	-4.678	0.042	0.8982	-4.708	-4.648
Sb2068	206.833 {4	Y_2243	ppm	1.024	0.0006	0.0624	1.023	1.024
Se1960	196.090 {4	Y_2243	ppm	1.068	0.004	0.3739	1.065	1.071
Si2516	251.611 {1	Y_3710	ppm	0.9305	0.0056	0.6045	0.9345	0.9265
Sn1899	189.989 {4	In2306	ppm	0.9809	0.0011	0.1082	0.9816	0.9801
Sr4215	421.552 { 8	Y_3710	ppm	0.5235	0.0029	0.5599	0.5256	0.5215
Ti3349	334.904 {1	Y_3600	ppm	0.9324	0.0099	1.064	0.9394	0.9253
Tl1908	190.856 {4	In2306	ppm	1.034	0.0025	0.2417	1.035	1.032
V_2924	292.402 {1	Y_3600	ppm	0.9425	0.0072	0.7605	0.9476	0.9375
Zn2062	206.200 {4	In2306	ppm	0.9734	0.0019	0.1909	0.9747	0.9721

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	152.52	2.7934	1.8314	154.5	150.55
In2306	230.606 {4	Cts/S	10084	26.168	0.2595	10103	10066
Y_2243	224.306 {4	Cts/S	12702	47.135	0.37109	12735	12668
Y_3600	360.073 { 9	Cts/S	110210	559.95	0.50808	109810	110610
Y_3710	371.030 { 9	Cts/S	10674	56.888	0.53295	10634	10715

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0008	134.1	0.0012	0
Al3082	308.215 {1	In2306	ppm	2.233	0.0141	0.6307	2.223	2.243
As1890	189.042 {4	Y_2243	ppm	0.9439	0.0074	0.7818	0.9491	0.9387
B_2496	249.678 {1	Y_3710	ppm	0.316	0.0002	0.0621	0.3162	0.3159
Ba4554	455.403 { 7	Y_3710	ppm	0.0017	0.0001	4.167	0.0018	0.0017
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	30.17	0.0001	0
Ca3158	315.887 {1	In2306	ppm	6.551	0.1566	2.391	6.662	6.44
Ca3181	318.128 {1	In2306	ppm	6.42	0.0498	0.775	6.385	6.455
Cd2288	228.802 {4	Y_2243	ppm	0.0178	0.003	16.72	0.0157	0.0199
Co2286	228.616 {4	In2306	ppm	0.0051	0.0062	121.1	0.0007	0.0095
Cr2677	267.716 {1	Y_3600	ppm	0.0107	0.0008	7.123	0.0112	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0289	0.0016	5.519	0.03	0.0278
Fe2404	240.488 {1	In2306	ppm	0.161	0.0049	3.057	0.1644	0.1575
K_7664	766.490 { 4	Y_3710	ppm	8.42	0.1035	1.229	8.347	8.494

K_7698	769.896 { 4	Y_3710	ppm	8.582	0.1067	1.244	8.506	8.657
Li6707	670.784 { 5	Y_3710	ppm	0.0051	0.0001	1.739	0.0051	0.005
Mg2790	279.079 {1	Y_3710	ppm	0.1127	0.0258	22.94	0.131	0.0944
Mn2576	257.610 {1	Y_3600	ppm	0.0094	0.0004	3.875	0.0097	0.0092
Mn2576-2	257.610 {1	Y_3710	ppm	0.0105	0.0013	12.34	0.0114	0.0096
Mo2020	202.030 {4	Y_2243	ppm	0.0511	0.0069	13.5	0.0462	0.056
Na5895	589.592 { 5	Y_3710	ppm	1320	26	1.97	1302	1339
Na8183	818.326 { 4	Y_3710	ppm	1901	18.81	0.9897	1887	1914
Ni2316	231.604 {4	In2306	ppm	0.0215	0.006	27.86	0.0173	0.0257
P_1782	178.284 {4	In2306	ppm	0.4374	0.0021	0.469	0.4388	0.4359
Pb2203	220.353 {4	In2306	ppm	0.0842	0.0039	4.605	0.0814	0.0869
S_1820	182.034 {4	Y_2243	ppm	-259200	1422	0.5485	-260200	-258200
Sb2068	206.833 {4	Y_2243	ppm	0.5503	0.0003	0.0547	0.5501	0.5505
Se1960	196.090 {4	Y_2243	ppm	0.1448	0.0045	3.081	0.1416	0.1479
Si2516	251.611 {1	Y_3710	ppm	17.6	0.1963	1.116	17.46	17.74
Sn1899	189.989 {4	In2306	ppm	0.0081	0.0066	81.3	0.0034	0.0128
Sr4215	421.552 { 8	Y_3710	ppm	0.0227	0.0002	1.102	0.0225	0.0228
Ti3349	334.904 {1	Y_3600	ppm	0.0059	0.0003	4.511	0.0061	0.0057
Tl1908	190.856 {4	In2306	ppm	0.0066	0.0072	108.4	0.0015	0.0117
V_2924	292.402 {1	Y_3600	ppm	0.0287	0.0013	4.581	0.0296	0.0277
Zn2062	206.200 {4	In2306	ppm	0.0111	0.0063	56.62	0.0067	0.0156

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	146.86	0.14385	0.09795	146.76	146.96
In2306	230.606 {4	Cts/S	7575.8	15.071	0.19894	7565.1	7586.4
Y_2243	224.306 {4	Cts/S	10617	31.054	0.29249	10595	10639
Y_3600	360.073 { 9	Cts/S	88602	3379.2	3.8139	86212	90991
Y_3710	371.030 { 9	Cts/S	10722	119.78	1.1171	10807	10638

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0009	0.0007	72.52	0.0014	0.0004
Al3082	308.215 {1	In2306	ppm	0.715	0	0.0021	0.715	0.715
As1890	189.042 {4	Y_2243	ppm	0.2543	0.0004	0.1643	0.2546	0.254
B_2496	249.678 {1	Y_3710	ppm	1.778	0.012	0.674	1.77	1.787
Ba4554	455.403 { 7	Y_3710	ppm	0.0223	0.0003	1.154	0.0221	0.0225
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	110.3	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	114.8	1.716	1.494	113.6	116
Ca3181	318.128 {1	In2306	ppm	113.7	1.755	1.543	112.5	115
Cd2288	228.802 {4	Y_2243	ppm	0.008	0	0.4664	0.008	0.008
Co2286	228.616 {4	In2306	ppm	0.0006	0.0003	52.23	0.0004	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0	0.85	0.0019	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.0516	0.0003	0.5111	0.0514	0.0518
Fe2404	240.488 {1	In2306	ppm	0.4881	0.0123	2.53	0.4969	0.4794

K_7664	766.490 { 4	Y_3710	ppm	64.74	0.6918	1.069	64.25	65.23
K_7698	769.896 { 4	Y_3710	ppm	67.37	0.7107	1.055	66.86	67.87
Li6707	670.784 { 5	Y_3710	ppm	0.11	0.0019	1.752	0.1086	0.1114
Mg2790	279.079 {1	Y_3710	ppm	1.857	0.0079	0.4278	1.851	1.862
Mn2576	257.610 {1	Y_3600	ppm	0.0263	0.0002	0.8491	0.0262	0.0265
Mn2576-2	257.610 {1	Y_3710	ppm	0.0273	0.0006	2.157	0.0278	0.0269
Mo2020	202.030 {4	Y_2243	ppm	0.0122	0.0003	2.636	0.012	0.0124
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2900	31.19	1.076	2878	2922
Ni2316	231.604 {4	In2306	ppm	0.0149	0.0001	0.7992	0.0149	0.0148
P_1782	178.284 {4	In2306	ppm	0.376	0.001	0.2616	0.3767	0.3753
Pb2203	220.353 {4	In2306	ppm	0.3356	0.0021	0.6181	0.3371	0.3341
S_1820	182.034 {4	Y_2243	ppm	-895100	29870	3.337	-916200	-874000
Sb2068	206.833 {4	Y_2243	ppm	0.0652	0.0015	2.283	0.0642	0.0663
Se1960	196.090 {4	Y_2243	ppm	2.327	0.0357	1.536	2.352	2.301
Si2516	251.611 {1	Y_3710	ppm	3.921	0.057	1.454	3.881	3.961
Sn1899	189.989 {4	In2306	ppm	0.0016	0.0007	43.73	0.0011	0.002
Sr4215	421.552 { 8	Y_3710	ppm	1.015	0.0095	0.932	1.008	1.021
Ti3349	334.904 {1	Y_3600	ppm	0.0208	0.0001	0.6212	0.0209	0.0207
Tl1908	190.856 {4	In2306	ppm	0.0002	0.0008	358.3	-0.0004	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.005	0.0001	2.51	0.0049	0.0051
Zn2062	206.200 {4	In2306	ppm	0.0073	0.0002	3.074	0.0071	0.0074

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	147.8	2.17	1.4682	149.34	146.27
In2306	230.606 {4	Cts/S	6900.9	53.465	0.77475	6863.1	6938.7
Y_2243	224.306 {4	Cts/S	9913.4	90.742	0.91535	9849.2	9977.5
Y_3600	360.073 { 9	Cts/S	83054	230.36	0.27736	83217	82891
Y_3710	371.030 { 9	Cts/S	10562	84.13	0.79654	10621	10502

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0003	869.3	0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.1947	0.0401	20.58	0.1664	0.2231
As1890	189.042 {4	Y_2243	ppm	0.0014	0.0004	31.12	0.0011	0.0017
B_2496	249.678 {1	Y_3710	ppm	0.0043	0.0014	33.38	0.0053	0.0033
Ba4554	455.403 { 7	Y_3710	ppm	0.0049	0.0002	4.085	0.005	0.0047
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	23.86	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	2.278	0.0734	3.223	2.226	2.33
Ca3181	318.128 {1	In2306	ppm	2.236	0.0741	3.314	2.183	2.288
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	63.95	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0	0	93.12	-0.0001	0
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0	4.847	0.0007	0.0007
Cu3247	324.754 {1	Y_3600	ppm	0.0011	0.0002	15.21	0.001	0.0013

Fe2404	240.488 {1	In2306	ppm	0.2707	0.0099	3.648	0.2777	0.2637
K_7664	766.490 { 4	Y_3710	ppm	0.5146	0.0245	4.764	0.5319	0.4972
K_7698	769.896 { 4	Y_3710	ppm	0.5379	0.0444	8.258	0.5693	0.5065
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0009	507.1	0.0008	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.17	0.0096	5.667	0.1768	0.1632
Mn2576	257.610 {1	Y_3600	ppm	0.0108	0.0001	0.9054	0.0108	0.0109
Mn2576-2	257.610 {1	Y_3710	ppm	0.0113	0.0004	3.654	0.0116	0.0111
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0.0002	188.9	-0.0003	0
Na5895	589.592 { 5	Y_3710	ppm	1.028	0.1582	15.38	1.14	0.9164
Na8183	818.326 { 4	Y_3710	ppm	0.6854	0.1073	15.65	0.7613	0.6096
Ni2316	231.604 {4	In2306	ppm	0.0006	0	3.059	0.0006	0.0005
P_1782	178.284 {4	In2306	ppm	0.0166	0.0014	8.522	0.0156	0.0176
Pb2203	220.353 {4	In2306	ppm	0.0121	0.0012	9.765	0.0113	0.013
S_1820	182.034 {4	Y_2243	ppm	-3282	4083	124.4	-394.3	-6169
Sb2068	206.833 {4	Y_2243	ppm	0.0051	0.0003	5.896	0.0053	0.0048
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0055	164.3	-0.0005	0.0073
Si2516	251.611 {1	Y_3710	ppm	0.3454	0.0111	3.206	0.3532	0.3376
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0002	98.93	0	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0063	0.0001	1.533	0.0063	0.0062
Ti3349	334.904 {1	Y_3600	ppm	0.0045	0.0001	3.146	0.0044	0.0046
Tl1908	190.856 {4	In2306	ppm	-0.0008	0	3.201	-0.0008	-0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0001	13.85	0.0004	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0048	0	0.4043	0.0048	0.0048

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	150.62	5.2	3.4523	154.3	146.95
In2306	230.606 {4	Cts/S	10543	147.68	1.4007	10648	10439
Y_2243	224.306 {4	Cts/S	12699	61.389	0.48343	12742	12655
Y_3600	360.073 { 9	Cts/S	114950	882.26	0.76749	115580	114330
Y_3710	371.030 { 9	Cts/S	10760	16.406	0.15247	10772	10748

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0001	8.916	0.0007	0.0006
Al3082	308.215 {1	In2306	ppm	0.1626	0.0228	14.02	0.1788	0.1465
As1890	189.042 {4	Y_2243	ppm	0.0004	0.0009	226.4	-0.0002	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0038	0.0005	14.44	0.0034	0.0042
Ba4554	455.403 { 7	Y_3710	ppm	0.003	0	0.9013	0.0029	0.003
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	180.2	-0.0002	0
Ca3158	315.887 {1	In2306	ppm	2.217	0.0265	1.195	2.235	2.198
Ca3181	318.128 {1	In2306	ppm	2.197	0.0543	2.472	2.235	2.159
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	47.33	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	171.5	0.0001	0
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0	6.138	0.0008	0.0007

Cu3247	324.754 {1	Y_3600	ppm	0.0011	0	1.176	0.0011	0.0011
Fe2404	240.488 {1	In2306	ppm	0.2394	0.0001	0.0341	0.2394	0.2393
K_7664	766.490 { 4	Y_3710	ppm	0.3312	0.0085	2.56	0.3372	0.3252
K_7698	769.896 { 4	Y_3710	ppm	0.3681	0.0132	3.596	0.3587	0.3774
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0.0007	150.9	0	-0.0009
Mg2790	279.079 {1	Y_3710	ppm	0.1563	0.0406	25.99	0.1276	0.1851
Mn2576	257.610 {1	Y_3600	ppm	0.0106	0.0001	0.59	0.0106	0.0107
Mn2576-2	257.610 {1	Y_3710	ppm	0.0113	0.0013	11.66	0.0123	0.0104
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	441.2	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.4789	0.0085	1.765	0.4849	0.473
Na8183	818.326 { 4	Y_3710	ppm	0.4454	0.1331	29.88	0.5394	0.3513
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	163.6	0.0002	0
P_1782	178.284 {4	In2306	ppm	0.0155	0.0015	9.533	0.0166	0.0145
Pb2203	220.353 {4	In2306	ppm	0.01	0.0002	1.876	0.0102	0.0099
S_1820	182.034 {4	Y_2243	ppm	-365.1	272.5	74.62	-172.5	-557.8
Sb2068	206.833 {4	Y_2243	ppm	0.004	0.0006	15.64	0.0045	0.0036
Se1960	196.090 {4	Y_2243	ppm	-0.0007	0	1.949	-0.0007	-0.0007
Si2516	251.611 {1	Y_3710	ppm	0.2654	0.0088	3.332	0.2592	0.2717
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0001	30.46	-0.0002	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0061	0.0002	2.598	0.0062	0.006
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0001	3.404	0.0021	0.0022
Tl1908	190.856 {4	In2306	ppm	0	0.0002	3708	0.0001	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0003	66.26	0.0007	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0042	0.0003	7.203	0.0044	0.0039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	151.06	1.0276	0.68028	150.33	151.79
In2306	230.606 {4	Cts/S	10495	469.68	4.4752	10163	10827
Y_2243	224.306 {4	Cts/S	12545	551.85	4.3988	12155	12936
Y_3600	360.073 { 9	Cts/S	113830	303.1	0.26627	113620	114050
Y_3710	371.030 { 9	Cts/S	10699	21.144	0.19763	10684	10714

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4935	0.003	0.6117	0.4914	0.4956
Al3082	308.215 {1	In2306	ppm	10.84	0.1667	1.537	10.96	10.73
As1890	189.042 {4	Y_2243	ppm	1.033	0.0235	2.276	1.05	1.017
B_2496	249.678 {1	Y_3710	ppm	1.016	0.003	0.2945	1.014	1.018
Ba4554	455.403 { 7	Y_3710	ppm	1.043	0.0037	0.3557	1.04	1.045
Be3130	313.042 {1	Y_3710	ppm	0.5127	0.0019	0.3741	0.5113	0.514
Ca3158	315.887 {1	In2306	ppm	12.8	0.0261	0.2038	12.82	12.79
Ca3181	318.128 {1	In2306	ppm	12.58	0.015	0.1195	12.57	12.59
Cd2288	228.802 {4	Y_2243	ppm	0.5043	0.0124	2.45	0.513	0.4955
Co2286	228.616 {4	In2306	ppm	0.9718	0.0234	2.409	0.9883	0.9552

Cr2677	267.716 {1	Y_3600	ppm	0.9347	0.0014	0.1524	0.9337	0.9357
Cu3247	324.754 {1	Y_3600	ppm	0.9651	0.0037	0.3812	0.9677	0.9625
Fe2404	240.488 {1	In2306	ppm	10.68	0.0307	0.2875	10.7	10.66
K_7664	766.490 { 4	Y_3710	ppm	11.2	0.1763	1.574	11.32	11.08
K_7698	769.896 { 4	Y_3710	ppm	11.16	0.0962	0.8619	11.23	11.09
Li6707	670.784 { 5	Y_3710	ppm	0.5751	0.0081	1.41	0.5809	0.5694
Mg2790	279.079 {1	Y_3710	ppm	10.03	0.0722	0.7199	9.976	10.08
Mn2576	257.610 {1	Y_3600	ppm	0.9597	0.0041	0.4277	0.9568	0.9626
Mn2576-2	257.610 {1	Y_3710	ppm	1.029	0.0082	0.7936	1.023	1.035
Mo2020	202.030 {4	Y_2243	ppm	1.065	0.0291	2.736	1.086	1.044
Na5895	589.592 { 5	Y_3710	ppm	11.68	0.1816	1.555	11.81	11.55
Na8183	818.326 { 4	Y_3710	ppm	10.67	0.0071	0.0661	10.68	10.67
Ni2316	231.604 {4	In2306	ppm	0.9922	0.0246	2.479	1.01	0.9748
P_1782	178.284 {4	In2306	ppm	0.0168	0.0002	1.272	0.0166	0.0169
Pb2203	220.353 {4	In2306	ppm	0.9951	0.0223	2.246	1.011	0.9793
S_1820	182.034 {4	Y_2243	ppm	-147.9	8.635	5.838	-141.8	-154
Sb2068	206.833 {4	Y_2243	ppm	1.02	0.0276	2.7	1.04	1.001
Se1960	196.090 {4	Y_2243	ppm	1.067	0.0205	1.922	1.082	1.053
Si2516	251.611 {1	Y_3710	ppm	1.27	0.0539	4.241	1.232	1.309
Sn1899	189.989 {4	In2306	ppm	0.9542	0.0247	2.586	0.9717	0.9368
Sr4215	421.552 { 8	Y_3710	ppm	0.5368	0.0027	0.4984	0.5349	0.5387
Ti3349	334.904 {1	Y_3600	ppm	0.9091	0.0054	0.5942	0.913	0.9053
Tl1908	190.856 {4	In2306	ppm	1.021	0.0383	3.753	1.048	0.9938
V_2924	292.402 {1	Y_3600	ppm	0.9146	0.0044	0.4812	0.9177	0.9115
Zn2062	206.200 {4	In2306	ppm	0.9559	0.0232	2.431	0.9724	0.9395

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	146.79	1.5506	1.0563	145.69	147.89
In2306	230.606 {4	Cts/S	10095	120.92	1.1978	10010	10181
Y_2243	224.306 {4	Cts/S	12602	152.19	1.2077	12494	12709
Y_3600	360.073 { 9	Cts/S	110770	112.76	0.10179	110850	110690
Y_3710	371.030 { 9	Cts/S	10537	29.505	0.28	10558	10517

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Custom ID2=
Custom ID3=
Run Time=1/13/2012 9:05:14
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4979	0.0006	0.1198	0.4974	0.4983
Al3082	308.215 {1	In2306	ppm	10.73	0.1365	1.272	10.83	10.64
As1890	189.042 {4	Y_2243	ppm	1.062	0.0093	0.8752	1.069	1.056
B_2496	249.678 {1	Y_3710	ppm	1.025	0.0039	0.3785	1.023	1.028
Ba4554	455.403 { 7	Y_3710	ppm	1.042	0.007	0.6724	1.047	1.037
Be3130	313.042 {1	Y_3710	ppm	0.514	0.001	0.1956	0.5147	0.5133
Ca3158	315.887 {1	In2306	ppm	12.63	0.1257	0.9957	12.72	12.54
Ca3181	318.128 {1	In2306	ppm	12.38	0.098	0.7914	12.45	12.32
Cd2288	228.802 {4	Y_2243	ppm	0.514	0.0063	1.217	0.5185	0.5096

Co2286	228.616 {4	In2306	ppm	0.991	0.013	1.315	1	0.9818
Cr2677	267.716 {1	Y_3600	ppm	0.9463	0.0128	1.354	0.9373	0.9554
Cu3247	324.754 {1	Y_3600	ppm	0.9778	0.0097	0.9964	0.9709	0.9846
Fe2404	240.488 {1	In2306	ppm	10.52	0.0377	0.3589	10.54	10.49
K_7664	766.490 { 4	Y_3710	ppm	11.09	0.0391	0.3523	11.12	11.06
K_7698	769.896 { 4	Y_3710	ppm	11.07	0.0812	0.7337	11.12	11.01
Li6707	670.784 { 5	Y_3710	ppm	0.5668	0.0082	1.441	0.5725	0.561
Mg2790	279.079 {1	Y_3710	ppm	10.06	0.0381	0.3782	10.09	10.04
Mn2576	257.610 {1	Y_3600	ppm	0.9697	0.0042	0.4307	0.9667	0.9726
Mn2576-2	257.610 {1	Y_3710	ppm	1.033	0.0004	0.0388	1.033	1.032
Mo2020	202.030 {4	Y_2243	ppm	1.089	0.0112	1.027	1.097	1.081
Na5895	589.592 { 5	Y_3710	ppm	11.49	0.1324	1.152	11.58	11.4
Na8183	818.326 { 4	Y_3710	ppm	10.93	0.0764	0.6989	10.99	10.88
Ni2316	231.604 {4	In2306	ppm	1.012	0.013	1.282	1.021	1.002
P_1782	178.284 {4	In2306	ppm	0.017	0.0007	3.926	0.0174	0.0165
Pb2203	220.353 {4	In2306	ppm	1.017	0.01	0.987	1.024	1.01
S_1820	182.034 {4	Y_2243	ppm	-129	4.081	3.163	-131.9	-126.1
Sb2068	206.833 {4	Y_2243	ppm	1.052	0.0148	1.406	1.063	1.042
Se1960	196.090 {4	Y_2243	ppm	1.098	0.0217	1.978	1.113	1.082
Si2516	251.611 {1	Y_3710	ppm	1.293	0.0059	0.4592	1.289	1.297
Sn1899	189.989 {4	In2306	ppm	0.9725	0.0138	1.421	0.9823	0.9627
Sr4215	421.552 { 8	Y_3710	ppm	0.5362	0.0026	0.4933	0.5381	0.5344
Ti3349	334.904 {1	Y_3600	ppm	0.9209	0.0074	0.805	0.9156	0.9261
Tl1908	190.856 {4	In2306	ppm	1.05	0.0131	1.247	1.059	1.041
V_2924	292.402 {1	Y_3600	ppm	0.9297	0.0094	1.012	0.923	0.9363
Zn2062	206.200 {4	In2306	ppm	0.9752	0.0139	1.423	0.985	0.9654

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	150.16	1.9975	1.3303	148.74	151.57
In2306	230.606 {4	Cts/S	10027	70.076	0.69889	9977.2	10076
Y_2243	224.306 {4	Cts/S	12496	70.747	0.56617	12446	12546
Y_3600	360.073 { 9	Cts/S	110390	464.19	0.42052	110710	110060
Y_3710	371.030 { 9	Cts/S	10623	0.5861	0.00552	10624	10623

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Custom ID3=
Run Time=1/13/2012 9:07:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0017	0.0002	10.3	0.0018	0.0015
Al3082	308.215 {1	In2306	ppm	0.0236	0.0016	6.915	0.0224	0.0247
As1890	189.042 {4	Y_2243	ppm	0.0544	0.0577	106	0.0136	0.0952
B_2496	249.678 {1	Y_3710	ppm	0.0022	0.0008	34.67	0.0028	0.0017
Ba4554	455.403 { 7	Y_3710	ppm	0.0013	0.0001	6.636	0.0013	0.0012
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	871.2	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	1.108	0.0458	4.135	1.076	1.141
Ca3181	318.128 {1	In2306	ppm	1.096	0.0239	2.179	1.079	1.113

Cd2288	228.802 {4	Y_2243	ppm	0.0219	0.0235	107.3	0.0053	0.0385
Co2286	228.616 {4	In2306	ppm	0.042	0.0394	93.78	0.0141	0.0698
Cr2677	267.716 {1	Y_3600	ppm	0.3817	0.0176	4.614	0.3941	0.3692
Cu3247	324.754 {1	Y_3600	ppm	0.0208	0.001	5.013	0.0215	0.02
Fe2404	240.488 {1	In2306	ppm	2.982	0.0948	3.179	2.915	3.049
K_7664	766.490 { 4	Y_3710	ppm	0.2336	0.0351	15.02	0.2088	0.2585
K_7698	769.896 { 4	Y_3710	ppm	-0.4655	0.0137	2.934	-0.4752	-0.4558
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0	10.84	-0.0003	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0561	0.0248	44.21	0.0736	0.0385
Mn2576	257.610 {1	Y_3600	ppm	0.0515	0.0022	4.188	0.0531	0.05
Mn2576-2	257.610 {1	Y_3710	ppm	0.0541	0.0004	0.8232	0.0544	0.0538
Mo2020	202.030 {4	Y_2243	ppm	0.0852	0.0492	57.78	0.0504	0.12
Na5895	589.592 { 5	Y_3710	ppm	1.238	0.0141	1.135	1.228	1.248
Na8183	818.326 { 4	Y_3710	ppm	1.304	0.0293	2.244	1.284	1.325
Ni2316	231.604 {4	In2306	ppm	0.2974	0.0319	10.71	0.2749	0.32
P_1782	178.284 {4	In2306	ppm	0.2203	0.0039	1.762	0.223	0.2175
Pb2203	220.353 {4	In2306	ppm	0.0351	0.0386	109.9	0.0078	0.0624
S_1820	182.034 {4	Y_2243	ppm	-1.43E+06	8755	0.6123	-1.44E+06	-1.42E+06
Sb2068	206.833 {4	Y_2243	ppm	0.0582	0.0487	83.72	0.0237	0.0926
Se1960	196.090 {4	Y_2243	ppm	0.0635	0.0671	105.7	0.0161	0.111
Si2516	251.611 {1	Y_3710	ppm	0.1059	0.0211	19.9	0.1207	0.091
Sn1899	189.989 {4	In2306	ppm	0.0329	0.0399	121.3	0.0047	0.0611
Sr4215	421.552 { 8	Y_3710	ppm	0.0057	0	0.1861	0.0057	0.0057
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0001	3.828	0.0027	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0456	0.0434	95.2	0.0149	0.0763
V_2924	292.402 {1	Y_3600	ppm	0.0017	0	0.2068	0.0017	0.0017
Zn2062	206.200 {4	In2306	ppm	0.0698	0.0412	59.01	0.0407	0.0989

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	136.43	3.8854	2.8479	139.18	133.68
In2306	230.606 {4	Cts/S	9064.2	78.657	0.86778	9119.8	9008.6
Y_2243	224.306 {4	Cts/S	10950	68.417	0.6248	10999	10902
Y_3600	360.073 { 9	Cts/S	97990	3980.4	4.062	95176	100800
Y_3710	371.030 { 9	Cts/S	10046	20.568	0.20474	10031	10061

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0012	0.0004	37.06	0.0015	0.0009
Al3082	308.215 {1	In2306	ppm	0.5839	0.0441	7.551	0.6151	0.5527
As1890	189.042 {4	Y_2243	ppm	0.0117	0.0069	58.63	0.0069	0.0166
B_2496	249.678 {1	Y_3710	ppm	0.1205	0.0043	3.549	0.1175	0.1236
Ba4554	455.403 { 7	Y_3710	ppm	0.0048	0	0.1163	0.0048	0.0048
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	243.6	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	1.263	0.0246	1.95	1.246	1.281

Ca3181	318.128 {1	In2306	ppm	1.304	0.0424	3.253	1.334	1.274
Cd2288	228.802 {4	Y_2243	ppm	0.0033	0.0034	102	0.0009	0.0057
Co2286	228.616 {4	In2306	ppm	0.0292	0.0041	13.89	0.0264	0.0321
Cr2677	267.716 {1	Y_3600	ppm	3.068	0.0214	0.6962	3.084	3.053
Cu3247	324.754 {1	Y_3600	ppm	5.292	0.0033	0.0628	5.295	5.29
Fe2404	240.488 {1	In2306	ppm	19.06	0.2365	1.241	18.89	19.23
K_7664	766.490 { 4	Y_3710	ppm	0.2548	0.0219	8.599	0.2702	0.2393
K_7698	769.896 { 4	Y_3710	ppm	-0.1282	0.01	7.828	-0.1353	-0.1211
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0002	84.78	0.0003	0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.2641	0.0157	5.958	0.253	0.2753
Mn2576	257.610 {1	Y_3600	ppm	0.3026	0.0011	0.3725	0.3034	0.3018
Mn2576-2	257.610 {1	Y_3710	ppm	0.3111	0.0014	0.4628	0.3121	0.3101
Mo2020	202.030 {4	Y_2243	ppm	0.1621	0.0041	2.5	0.1649	0.1592
Na5895	589.592 { 5	Y_3710	ppm	1.652	0.0282	1.707	1.672	1.632
Na8183	818.326 { 4	Y_3710	ppm	1.779	0.1318	7.41	1.872	1.686
Ni2316	231.604 {4	In2306	ppm	1.867	0.1345	7.203	1.962	1.772
P_1782	178.284 {4	In2306	ppm	0.2112	0.0106	5.024	0.2187	0.2037
Pb2203	220.353 {4	In2306	ppm	0.0227	0.0045	19.71	0.0195	0.0259
S_1820	182.034 {4	Y_2243	ppm	-1.30E+06	72420	5.562	-1.35E+06	-1.25E+06
Sb2068	206.833 {4	Y_2243	ppm	0.0027	0.0045	166.1	-0.0005	0.0059
Se1960	196.090 {4	Y_2243	ppm	0.0115	0.0102	88.43	0.0043	0.0187
Si2516	251.611 {1	Y_3710	ppm	0.059	0.0157	26.54	0.0479	0.0701
Sn1899	189.989 {4	In2306	ppm	-0.0015	0.0056	376.2	-0.0055	0.0025
Sr4215	421.552 { 8	Y_3710	ppm	0.009	0	0.1465	0.009	0.009
Ti3349	334.904 {1	Y_3600	ppm	1.6	0.0028	0.1741	1.602	1.599
Tl1908	190.856 {4	In2306	ppm	0.0062	0.0077	124	0.0008	0.0117
V_2924	292.402 {1	Y_3600	ppm	0.0138	0.0001	0.9259	0.0137	0.0139
Zn2062	206.200 {4	In2306	ppm	0.4371	0.027	6.178	0.4562	0.418

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	135.8	1.7578	1.2944	137.04	134.55
In2306	230.606 {4	Cts/S	9457	228.14	2.4124	9295.7	9618.4
Y_2243	224.306 {4	Cts/S	11311	271.17	2.3975	11119	11502
Y_3600	360.073 { 9	Cts/S	102670	124.49	0.12125	102590	102760
Y_3710	371.030 { 9	Cts/S	10428	113.96	1.0928	10348	10509

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Custom ID2=
Custom ID3=
Run Time=1/13/2012 9:13:06
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.246	0.0067	2.744	0.2412	0.2508
Al3082	308.215 {1	In2306	ppm	2.535	0.072	2.841	2.585	2.484
As1890	189.042 {4	Y_2243	ppm	0.5203	0.0001	0.0157	0.5203	0.5202
B_2496	249.678 {1	Y_3710	ppm	0.4745	0.0113	2.38	0.4825	0.4665
Ba4554	455.403 { 7	Y_3710	ppm	0.4763	0.0103	2.156	0.4835	0.469
Be3130	313.042 {1	Y_3710	ppm	0.4759	0.0134	2.809	0.4854	0.4665

Ca3158	315.887 {1	In2306	ppm	12.57	0.4633	3.685	12.9	12.25
Ca3181	318.128 {1	In2306	ppm	12.38	0.3711	2.998	12.64	12.12
Cd2288	228.802 {4	Y_2243	ppm	0.5012	0.0026	0.5248	0.4993	0.503
Co2286	228.616 {4	In2306	ppm	0.4826	0.0005	0.1016	0.4829	0.4822
Cr2677	267.716 {1	Y_3600	ppm	0.4786	0.0123	2.564	0.47	0.4873
Cu3247	324.754 {1	Y_3600	ppm	0.4847	0.0096	1.983	0.4779	0.4915
Fe2404	240.488 {1	In2306	ppm	2.452	0.0984	4.014	2.521	2.382
K_7664	766.490 { 4	Y_3710	ppm	12.25	0.2158	1.762	12.4	12.1
K_7698	769.896 { 4	Y_3710	ppm	12.39	0.2767	2.233	12.59	12.2
Li6707	670.784 { 5	Y_3710	ppm	0.5098	0.0106	2.088	0.5173	0.5022
Mg2790	279.079 {1	Y_3710	ppm	4.623	0.1668	3.609	4.741	4.505
Mn2576	257.610 {1	Y_3600	ppm	0.4852	0.0136	2.795	0.4756	0.4948
Mn2576-2	257.610 {1	Y_3710	ppm	0.4762	0.0116	2.446	0.4845	0.468
Mo2020	202.030 {4	Y_2243	ppm	0.5353	0.0011	0.2088	0.5345	0.536
Na5895	589.592 { 5	Y_3710	ppm	12.67	0.2472	1.951	12.85	12.5
Na8183	818.326 { 4	Y_3710	ppm	12.23	0.269	2.199	12.42	12.04
Ni2316	231.604 {4	In2306	ppm	0.4989	0.0036	0.7144	0.4964	0.5014
P_1782	178.284 {4	In2306	ppm	-0.0014	0.0002	17.11	-0.0015	-0.0012
Pb2203	220.353 {4	In2306	ppm	0.4894	0.0013	0.262	0.4903	0.4885
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	-2918	^ -----
Sb2068	206.833 {4	Y_2243	ppm	0.5153	0.0014	0.2745	0.5143	0.5163
Se1960	196.090 {4	Y_2243	ppm	0.5355	0.0027	0.4951	0.5337	0.5374
Si2516	251.611 {1	Y_3710	ppm	0.878	0.017	1.941	0.89	0.8659
Sn1899	189.989 {4	In2306	ppm	0.4731	0.0022	0.4589	0.4747	0.4716
Sr4215	421.552 { 8	Y_3710	ppm	0.2495	0.0053	2.142	0.2533	0.2457
Ti3349	334.904 {1	Y_3600	ppm	0.4667	0.0137	2.939	0.457	0.4764
Tl1908	190.856 {4	In2306	ppm	0.5121	0.0019	0.3735	0.5135	0.5108
V_2924	292.402 {1	Y_3600	ppm	0.4705	0.0165	3.507	0.4588	0.4822
Zn2062	206.200 {4	In2306	ppm	0.4782	0.0007	0.1385	0.4778	0.4787

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	152.94	4.5334	2.9642	149.74	156.15
In2306	230.606 {4	Cts/S	10137	15.801	0.15587	10148	10126
Y_2243	224.306 {4	Cts/S	12488	81.146	0.64979	12545	12431
Y_3600	360.073 { 9	Cts/S	108460	1873.2	1.727	109790	107140
Y_3710	371.030 { 9	Cts/S	11160	242.6	2.1739	10988	11331

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Custom ID2=
Custom ID3=
Run Time=1/13/2012 9:15:33
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0001	2.226	0.0052	0.0053
Al3082	308.215 {1	In2306	ppm	0.0871	0.0062	7.072	0.0915	0.0828
As1890	189.042 {4	Y_2243	ppm	0.0121	0.0023	19.02	0.0105	0.0137
B_2496	249.678 {1	Y_3710	ppm	0.0139	0.001	7.33	0.0147	0.0132
Ba4554	455.403 { 7	Y_3710	ppm	0.0094	0	0.2151	0.0094	0.0095

Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	3.213	0.0046	0.0049
Ca3158	315.887 {1	In2306	ppm	0.0811	0.0191	23.59	0.0947	0.0676
Ca3181	318.128 {1	In2306	ppm	0.1236	0.0282	22.81	0.1037	0.1436
Cd2288	228.802 {4	Y_2243	ppm	0.0065	0.0016	24.94	0.0054	0.0077
Co2286	228.616 {4	In2306	ppm	0.0109	0.0018	16.18	0.0096	0.0121
Cr2677	267.716 {1	Y_3600	ppm	0.009	0	0.4071	0.009	0.009
Cu3247	324.754 {1	Y_3600	ppm	0.011	0.0002	2.199	0.0112	0.0109
Fe2404	240.488 {1	In2306	ppm	0.1092	0.0025	2.291	0.111	0.1075
K_7664	766.490 { 4	Y_3710	ppm	0.6131	0.0051	0.8363	0.6167	0.6095
K_7698	769.896 { 4	Y_3710	ppm	0.5867	0.0579	9.868	0.5458	0.6276
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0.0003	2.829	0.0098	0.0094
Mg2790	279.079 {1	Y_3710	ppm	0.0591	0.0323	54.69	0.082	0.0363
Mn2576	257.610 {1	Y_3600	ppm	0.0096	0	0.0526	0.0096	0.0096
Mn2576-2	257.610 {1	Y_3710	ppm	0.0096	0.0007	6.826	0.0101	0.0092
Mo2020	202.030 {4	Y_2243	ppm	0.0135	0.0025	18.64	0.0117	0.0153
Na5895	589.592 { 5	Y_3710	ppm	0.6507	0.0082	1.26	0.6565	0.6449
Na8183	818.326 { 4	Y_3710	ppm	0.8876	0.1245	14.02	0.7996	0.9756
Ni2316	231.604 {4	In2306	ppm	0.0112	0.0017	15.29	0.01	0.0124
P_1782	178.284 {4	In2306	ppm	0.0083	0.0004	4.83	0.0085	0.008
Pb2203	220.353 {4	In2306	ppm	0.0107	0.0015	14.27	0.0096	0.0118
S_1820	182.034 {4	Y_2243	ppm	-1469	722	49.17	-958	-1979
Sb2068	206.833 {4	Y_2243	ppm	0.0201	0.0025	12.25	0.0184	0.0218
Se1960	196.090 {4	Y_2243	ppm	0.0107	0.0005	5.123	0.0103	0.0111
Si2516	251.611 {1	Y_3710	ppm	0.0237	0.007	29.47	0.0188	0.0287
Sn1899	189.989 {4	In2306	ppm	0.0112	0.0022	19.88	0.0096	0.0128
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.2872	0.0049	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0086	0	0.2191	0.0086	0.0086
Tl1908	190.856 {4	In2306	ppm	0.013	0.0017	12.86	0.0118	0.0142
V_2924	292.402 {1	Y_3600	ppm	0.0088	0.0004	4.225	0.0086	0.0091
Zn2062	206.200 {4	In2306	ppm	0.0105	0.0016	15.34	0.0094	0.0117

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	152.38	1.4518	0.95278	153.4	151.35
In2306	230.606 {4	Cts/S	10609	136.86	1.2901	10512	10705
Y_2243	224.306 {4	Cts/S	12594	240.24	1.9075	12424	12764
Y_3600	360.073 { 9	Cts/S	114530	104.39	0.09114	114460	114610
Y_3710	371.030 { 9	Cts/S	11099	38.564	0.34746	11126	11072

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0006	127.2	0.0009	0
Al3082	308.215 {1	In2306	ppm	0.0113	0.0444	391.6	0.0427	-0.0201
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0004	583.3	0.0002	-0.0004
B_2496	249.678 {1	Y_3710	ppm	-0.0015	0.0005	31.56	-0.0012	-0.0018

Ba4554	455.403 { 7	Y_3710	ppm	-0.0004	0.0001	16.95	-0.0004	-0.0005
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	201.6	0.0001	0
Ca3158	315.887 {1	In2306	ppm	-0.0034	0.0121	356.5	0.0051	-0.0119
Ca3181	318.128 {1	In2306	ppm	0.0538	0.0101	18.71	0.0609	0.0467
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	59.06	0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0	0.0001	827.3	-0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0	0	131.1	0.0001	0
Cu3247	324.754 {1	Y_3600	ppm	0.0015	0.0001	4.57	0.0014	0.0015
Fe2404	240.488 {1	In2306	ppm	0.0098	0.0005	5.565	0.0094	0.0102
K_7664	766.490 { 4	Y_3710	ppm	0.0247	0.0022	8.929	0.0262	0.0231
K_7698	769.896 { 4	Y_3710	ppm	0.0335	0.0177	52.74	0.021	0.046
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0	5.41	-0.0004	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	-0.011	0.0267	242.3	0.0079	-0.0299
Mn2576	257.610 {1	Y_3600	ppm	0	0	214.8	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0003	0.0004	147.4	0	0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0	0.9983	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0381	0.0047	12.34	0.0415	0.0348
Na8183	818.326 { 4	Y_3710	ppm	0.0971	0.0302	31.1	0.1185	0.0758
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0001	55.5	0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0008	0.0002	31.53	-0.001	-0.0006
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0012	155.1	0.0016	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-622.4	1.359	0.2183	-623.4	-621.5
Sb2068	206.833 {4	Y_2243	ppm	0.0045	0.0023	50.49	0.0061	0.0029
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0004	33.4	-0.0009	-0.0014
Si2516	251.611 {1	Y_3710	ppm	0.002	0.0047	231.2	0.0053	-0.0013
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0002	33.73	-0.0006	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	39.98	0.0002	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0007	0.0006	86.68	-0.0003	-0.0011
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0003	18.79	0.0014	0.0018
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0001	90.95	-0.0003	-0.0001
Zn2062	206.200 {4	In2306	ppm	0	0.0001	712.1	-0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	153.57	1.9443	1.2661	152.19	154.94
In2306	230.606 {4	Cts/S	10628	125.38	1.1797	10539	10716
Y_2243	224.306 {4	Cts/S	12539	177.59	1.4163	12413	12664
Y_3600	360.073 { 9	Cts/S	114040	457.65	0.4013	113720	114370
Y_3710	371.030 { 9	Cts/S	10951	35.673	0.32574	10977	10926

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0009	0.0002	22.87	0.0008	0.0011
Al3082	308.215 {1	In2306	ppm	0.3804	0.0012	0.3259	0.3796	0.3813
As1890	189.042 {4	Y_2243	ppm	0.0035	0.0014	40.1	0.0025	0.0044

B_2496	249.678 {1	Y_3710	ppm	0.0151	0	0.1491	0.0151	0.015
Ba4554	455.403 { 7	Y_3710	ppm	0.0039	0	0.437	0.0039	0.0039
Be3130	313.042 {1	Y_3710	ppm	0	0	78.48	0	0
Ca3158	315.887 {1	In2306	ppm	0.8762	0.0305	3.478	0.8547	0.8978
Ca3181	318.128 {1	In2306	ppm	0.9377	0.0273	2.906	0.9185	0.957
Cd2288	228.802 {4	Y_2243	ppm	0	0	129	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0172	0.0004	2.304	0.0174	0.0169
Cr2677	267.716 {1	Y_3600	ppm	2.195	0.088	4.009	2.133	2.257
Cu3247	324.754 {1	Y_3600	ppm	3.255	0.1277	3.923	3.165	3.346
Fe2404	240.488 {1	In2306	ppm	13.35	0.3125	2.34	13.13	13.58
K_7664	766.490 { 4	Y_3710	ppm	0.3291	0.0047	1.435	0.3324	0.3258
K_7698	769.896 { 4	Y_3710	ppm	-0.0915	0.0477	52.1	-0.0578	-0.1252
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0003	582.9	-0.0003	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.3624	0.0117	3.216	0.3706	0.3541
Mn2576	257.610 {1	Y_3600	ppm	0.2169	0.0091	4.204	0.2105	0.2233
Mn2576-2	257.610 {1	Y_3710	ppm	0.2317	0.0013	0.5724	0.2308	0.2326
Mo2020	202.030 {4	Y_2243	ppm	0.1167	0.0016	1.331	0.1178	0.1156
Na5895	589.592 { 5	Y_3710	ppm	1.25	0.0193	1.544	1.237	1.264
Na8183	818.326 { 4	Y_3710	ppm	1.758	0.1828	10.4	1.628	1.887
Ni2316	231.604 {4	In2306	ppm	1.321	0.0244	1.847	1.339	1.304
P_1782	178.284 {4	In2306	ppm	0.186	0.0037	1.983	0.1886	0.1834
Pb2203	220.353 {4	In2306	ppm	0.0105	0.0001	1.092	0.0106	0.0104
S_1820	182.034 {4	Y_2243	ppm	-1.32E+06	7007	0.5302	-1.33E+06	-1.32E+06
Sb2068	206.833 {4	Y_2243	ppm	-0.0045	0.0002	3.47	-0.0046	-0.0044
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0005	120.4	0.0001	0.0007
Si2516	251.611 {1	Y_3710	ppm	0.4304	0.0134	3.107	0.4209	0.4398
Sn1899	189.989 {4	In2306	ppm	-0.0077	0.0001	0.8967	-0.0078	-0.0077
Sr4215	421.552 { 8	Y_3710	ppm	0.0068	0.0001	1.295	0.0067	0.0069
Ti3349	334.904 {1	Y_3600	ppm	1.085	0.0434	3.996	1.054	1.115
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.001	656.3	-0.0009	0.0006
V_2924	292.402 {1	Y_3600	ppm	0.0092	0.0011	11.77	0.0084	0.01
Zn2062	206.200 {4	In2306	ppm	0.2361	0.0052	2.216	0.2398	0.2324

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	142.1	3.1956	2.2488	144.36	139.84
In2306	230.606 {4	Cts/S	9392.5	16.895	0.17988	9380.6	9404.5
Y_2243	224.306 {4	Cts/S	11090	11.517	0.10385	11099	11082
Y_3600	360.073 { 9	Cts/S	103070	3059.2	2.9681	105230	100910
Y_3710	371.030 { 9	Cts/S	10101	34.826	0.34477	10126	10077

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0004	136.1	0.0006	0
Al3082	308.215 {1	In2306	ppm	0.8738	0.0281	3.214	0.8936	0.8539

As1890	189.042 {4	Y_2243	ppm	0.0084	0.0001	0.6156	0.0085	0.0084
B_2496	249.678 {1	Y_3710	ppm	0.3395	0.0037	1.097	0.3369	0.3421
Ba4554	455.403 { 7	Y_3710	ppm	0.1067	0.0009	0.8631	0.1074	0.1061
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	73.73	0	0.0001
Ca3158	315.887 {1	In2306	ppm	65.99	0.4729	0.7165	65.66	66.33
Ca3181	318.128 {1	In2306	ppm	64.71	0.3649	0.5639	64.45	64.97
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	31.48	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0024	0.0001	2.729	0.0024	0.0025
Cr2677	267.716 {1	Y_3600	ppm	0.0023	0.0001	4.444	0.0023	0.0022
Cu3247	324.754 {1	Y_3600	ppm	0.0829	0.0011	1.342	0.0837	0.0821
Fe2404	240.488 {1	In2306	ppm	0.6018	0.0013	0.2124	0.6009	0.6027
K_7664	766.490 { 4	Y_3710	ppm	11.86	0.1718	1.448	11.98	11.74
K_7698	769.896 { 4	Y_3710	ppm	12.1	0.2412	1.993	12.27	11.93
Li6707	670.784 { 5	Y_3710	ppm	0.0145	0.0001	0.4523	0.0144	0.0145
Mg2790	279.079 {1	Y_3710	ppm	7.533	0.0094	0.1244	7.539	7.526
Mn2576	257.610 {1	Y_3600	ppm	0.4492	0.0002	0.038	0.4494	0.4491
Mn2576-2	257.610 {1	Y_3710	ppm	0.4782	0.0039	0.8072	0.481	0.4755
Mo2020	202.030 {4	Y_2243	ppm	0.0082	0.0007	8.484	0.0077	0.0087
Na5895	589.592 { 5	Y_3710	ppm	211.3	7.62	3.607	216.7	205.9
Na8183	818.326 { 4	Y_3710	ppm	225.5	2.754	1.221	227.4	223.6
Ni2316	231.604 {4	In2306	ppm	0.0124	0.0067	53.91	0.0077	0.0171
P_1782	178.284 {4	In2306	ppm	0.5903	0.0108	1.823	0.5827	0.5979
Pb2203	220.353 {4	In2306	ppm	0.0011	0.0005	42.36	0.0014	0.0008
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	-36570	^ -----
Sb2068	206.833 {4	Y_2243	ppm	0.001	0.0006	58.77	0.0006	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.0008	451.5	-0.0004	0.0007
Si2516	251.611 {1	Y_3710	ppm	4.176	0.0458	1.096	4.209	4.144
Sn1899	189.989 {4	In2306	ppm	0	0.0004	1783	0.0002	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.5201	0.0053	1.016	0.5238	0.5163
Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0004	11.86	0.0033	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0004	0.0012	322.6	0.0012	-0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0019	0.0002	8.142	0.0018	0.002
Zn2062	206.200 {4	In2306	ppm	0.1941	0.0032	1.627	0.1919	0.1963

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	148.47	0.42242	0.28452	148.77	148.17
In2306	230.606 {4	Cts/S	8959.2	158.71	1.7715	9071.5	8847
Y_2243	224.306 {4	Cts/S	11475	180.09	1.5694	11602	11348
Y_3600	360.073 { 9	Cts/S	103970	253.66	0.24396	103790	104150
Y_3710	371.030 { 9	Cts/S	10698	85.874	0.8027	10637	10759

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0004	445	-0.0002	0.0004

Al3082	308.215 {1	In2306	ppm	1.293	0.0026	0.2019	1.291	1.294
As1890	189.042 {4	Y_2243	ppm	0.0005	0	0.6803	0.0005	0.0005
B_2496	249.678 {1	Y_3710	ppm	0.048	0.0026	5.427	0.0462	0.0498
Ba4554	455.403 { 7	Y_3710	ppm	0.0253	0.0001	0.2186	0.0253	0.0252
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	14.92	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	28.13	0.4414	1.569	27.81	28.44
Ca3181	318.128 {1	In2306	ppm	27.4	0.4935	1.801	27.05	27.74
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	18.36	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0005	0	5.74	0.0005	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0069	0	0.5647	0.0069	0.0069
Cu3247	324.754 {1	Y_3600	ppm	0.0088	0.0002	2.613	0.0086	0.009
Fe2404	240.488 {1	In2306	ppm	1.289	0.0172	1.331	1.277	1.302
K_7664	766.490 { 4	Y_3710	ppm	1.022	0.0062	0.6024	1.026	1.017
K_7698	769.896 { 4	Y_3710	ppm	1.018	0.0544	5.343	1.057	0.9798
Li6707	670.784 { 5	Y_3710	ppm	0.0019	0.0001	6.748	0.002	0.0018
Mg2790	279.079 {1	Y_3710	ppm	0.6858	0.0177	2.575	0.6983	0.6733
Mn2576	257.610 {1	Y_3600	ppm	0.0342	0.0002	0.4959	0.0341	0.0343
Mn2576-2	257.610 {1	Y_3710	ppm	0.0361	0.0006	1.58	0.0357	0.0365
Mo2020	202.030 {4	Y_2243	ppm	0.0016	0.0001	4.142	0.0017	0.0016
Na5895	589.592 { 5	Y_3710	ppm	1.225	0.0048	0.3907	1.228	1.222
Na8183	818.326 { 4	Y_3710	ppm	1.121	0.0695	6.202	1.17	1.072
Ni2316	231.604 {4	In2306	ppm	0.0014	0.0002	13.24	0.0012	0.0015
P_1782	178.284 {4	In2306	ppm	0.2529	0.0015	0.5843	0.2519	0.254
Pb2203	220.353 {4	In2306	ppm	0.0109	0	0.3494	0.0109	0.0108
S_1820	182.034 {4	Y_2243	ppm	-2148	1119	52.12	-1356	-2939
Sb2068	206.833 {4	Y_2243	ppm	0.0039	0.001	25.37	0.0032	0.0046
Se1960	196.090 {4	Y_2243	ppm	-0.0008	0.0008	106.5	-0.0014	-0.0002
Si2516	251.611 {1	Y_3710	ppm	3.091	0.0358	1.159	3.065	3.116
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0002	87.38	0.0001	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0418	0.0003	0.6116	0.0416	0.042
Ti3349	334.904 {1	Y_3600	ppm	0.0223	0.0003	1.421	0.0221	0.0225
Tl1908	190.856 {4	In2306	ppm	0.0015	0.0003	18.89	0.0013	0.0017
V_2924	292.402 {1	Y_3600	ppm	0.0034	0.0002	4.891	0.0033	0.0035
Zn2062	206.200 {4	In2306	ppm	0.5979	0.0041	0.6826	0.595	0.6007

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	148.7	2.3774	1.5988	150.39	147.02
In2306	230.606 {4	Cts/S	10307	102.61	0.99552	10379	10234
Y_2243	224.306 {4	Cts/S	12345	127.59	1.0335	12435	12255
Y_3600	360.073 { 9	Cts/S	112680	894.99	0.79428	113310	112050
Y_3710	371.030 { 9	Cts/S	10620	17.571	0.16546	10632	10607

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	76.27	0.0002	0.0005
Al3082	308.215 {1	In2306	ppm	2.732	0.0483	1.768	2.698	2.766
As1890	189.042 {4	Y_2243	ppm	0.0049	0.0011	23.33	0.0057	0.0041
B_2496	249.678 {1	Y_3710	ppm	0.015	0.0034	22.58	0.0174	0.0126
Ba4554	455.403 { 7	Y_3710	ppm	0.0629	0.0005	0.7792	0.0625	0.0632
Be3130	313.042 {1	Y_3710	ppm	0.0005	0.0001	14.99	0.0005	0.0004
Ca3158	315.887 {1	In2306	ppm	56.84	0.8842	1.556	56.22	57.47
Ca3181	318.128 {1	In2306	ppm	55.57	0.9066	1.631	54.93	56.21
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0	9.101	0.0003	0.0003
Co2286	228.616 {4	In2306	ppm	0.0011	0	1.274	0.0011	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.0074	0.0001	1.771	0.0075	0.0074
Cu3247	324.754 {1	Y_3600	ppm	0.0152	0.0004	2.514	0.0155	0.0149
Fe2404	240.488 {1	In2306	ppm	2.116	0.0559	2.641	2.077	2.156
K_7664	766.490 { 4	Y_3710	ppm	3.835	0.0398	1.039	3.807	3.863
K_7698	769.896 { 4	Y_3710	ppm	3.824	0.0219	0.5732	3.809	3.84
Li6707	670.784 { 5	Y_3710	ppm	0.0025	0.0002	10.1	0.0023	0.0026
Mg2790	279.079 {1	Y_3710	ppm	4.395	0.0157	0.3566	4.406	4.383
Mn2576	257.610 {1	Y_3600	ppm	0.1582	0.002	1.257	0.1596	0.1568
Mn2576-2	257.610 {1	Y_3710	ppm	0.1614	0.0013	0.8309	0.1623	0.1604
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0	2.969	0.0009	0.0009
Na5895	589.592 { 5	Y_3710	ppm	4.311	0.0764	1.772	4.257	4.365
Na8183	818.326 { 4	Y_3710	ppm	4.049	0.0077	0.1898	4.044	4.054
Ni2316	231.604 {4	In2306	ppm	0.0032	0.0002	4.739	0.0031	0.0033
P_1782	178.284 {4	In2306	ppm	0.4423	0.0031	0.6952	0.4444	0.4401
Pb2203	220.353 {4	In2306	ppm	0.0093	0.0003	3.067	0.0095	0.0091
S_1820	182.034 {4	Y_2243	ppm	-11680	68.52	0.5865	-11730	-11640
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.0004	53.68	-0.0011	-0.0005
Se1960	196.090 {4	Y_2243	ppm	-0.0011	0.0002	18.29	-0.001	-0.0013
Si2516	251.611 {1	Y_3710	ppm	6.62	0.0432	0.6525	6.59	6.651
Sn1899	189.989 {4	In2306	ppm	0	0	94.68	0	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.1223	0.0014	1.168	0.1212	0.1233
Ti3349	334.904 {1	Y_3600	ppm	0.0213	0.0008	3.938	0.0219	0.0207
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0006	106.2	0.0001	0.001
V_2924	292.402 {1	Y_3600	ppm	0.0078	0.0001	1.572	0.0079	0.0077
Zn2062	206.200 {4	In2306	ppm	0.1082	0	0.0438	0.1081	0.1082

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	151.94	3.0002	1.9746	154.06	149.81
In2306	230.606 {4	Cts/S	9902.6	41.858	0.4227	9873	9932.2
Y_2243	224.306 {4	Cts/S	12036	26.235	0.21797	12017	12054
Y_3600	360.073 { 9	Cts/S	109700	1332.3	1.2145	108760	110640
Y_3710	371.030 { 9	Cts/S	10808	16.792	0.15536	10820	10796

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0006	0.0004	59.55	0.0004	0.0009
Al3082	308.215	{1	In2306	ppm	0.9668	0.0655	6.772	0.9205	1.013
As1890	189.042	{4	Y_2243	ppm	0.0087	0.0003	4.008	0.0089	0.0084
B_2496	249.678	{1	Y_3710	ppm	0.3373	0.0186	5.515	0.3241	0.3505
Ba4554	455.403	{ 7	Y_3710	ppm	0.1103	0.0053	4.828	0.1065	0.1141
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0002	118.3	0	0.0002
Ca3158	315.887	{1	In2306	ppm	65	2.77	4.262	63.04	66.95
Ca3181	318.128	{1	In2306	ppm	63.51	2.993	4.713	61.4	65.63
Cd2288	228.802	{4	Y_2243	ppm	0.0004	0.0001	14.54	0.0004	0.0003
Co2286	228.616	{4	In2306	ppm	0.0024	0	1.367	0.0024	0.0024
Cr2677	267.716	{1	Y_3600	ppm	0.0022	0.0001	4.652	0.0023	0.0021
Cu3247	324.754	{1	Y_3600	ppm	0.0863	0.0004	0.4534	0.0866	0.086
Fe2404	240.488	{1	In2306	ppm	0.6783	0.0381	5.62	0.6513	0.7052
K_7664	766.490	{ 4	Y_3710	ppm	11.98	0.6926	5.78	11.49	12.47
K_7698	769.896	{ 4	Y_3710	ppm	12.17	0.6613	5.434	11.7	12.64
Li6707	670.784	{ 5	Y_3710	ppm	0.0147	0.0007	4.796	0.0142	0.0152
Mg2790	279.079	{1	Y_3710	ppm	7.331	0.3995	5.449	7.048	7.613
Mn2576	257.610	{1	Y_3600	ppm	0.4595	0.001	0.2237	0.4602	0.4588
Mn2576-2	257.610	{1	Y_3710	ppm	0.4725	0.0205	4.337	0.458	0.487
Mo2020	202.030	{4	Y_2243	ppm	0.0077	0.0004	5.6	0.008	0.0074
Na5895	589.592	{ 5	Y_3710	ppm	211.6	7.805	3.688	206.1	217.1
Na8183	818.326	{ 4	Y_3710	ppm	224.5	11.14	4.962	216.7	232.4
Ni2316	231.604	{4	In2306	ppm	0.0071	0	0.045	0.0071	0.0071
P_1782	178.284	{4	In2306	ppm	0.6065	0.0024	0.4017	0.6048	0.6082
Pb2203	220.353	{4	In2306	ppm	0.0006	0.0003	44.26	0.0004	0.0008
S_1820	182.034	{4	Y_2243	ppm	-32610	60.13	0.1844	-32570	-32650
Sb2068	206.833	{4	Y_2243	ppm	0.0008	0.0003	36.86	0.0006	0.0011
Se1960	196.090	{4	Y_2243	ppm	-0.0001	0.0011	771.6	0.0006	-0.0009
Si2516	251.611	{1	Y_3710	ppm	4.261	0.262	6.148	4.076	4.446
Sn1899	189.989	{4	In2306	ppm	-0.0004	0.0003	83.12	-0.0001	-0.0006
Sr4215	421.552	{ 8	Y_3710	ppm	0.517	0.0244	4.71	0.4998	0.5342
Ti3349	334.904	{1	Y_3600	ppm	0.0029	0.0001	3.792	0.0029	0.003
Tl1908	190.856	{4	In2306	ppm	-0.001	0.0016	161.8	-0.0022	0.0001
V_2924	292.402	{1	Y_3600	ppm	0.0022	0.0002	7.574	0.0023	0.0021
Zn2062	206.200	{4	In2306	ppm	0.1833	0.0014	0.7869	0.1822	0.1843

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	147.48	5.9386	4.0266	151.68	143.29
In2306	230.606	{4	Cts/S	8894.8	46.461	0.52234	8927.6	8861.9
Y_2243	224.306	{4	Cts/S	11347	32.516	0.28657	11370	11324
Y_3600	360.073	{ 9	Cts/S	102200	117.23	0.11471	102110	102280
Y_3710	371.030	{ 9	Cts/S	10773	422.42	3.9211	11072	10474

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0007	0.0004	64.05	0.001	0.0004
Al3082	308.215	{1	In2306	ppm	0.0081	0.0428	530.1	0.0383	-0.0222
As1890	189.042	{4	Y_2243	ppm	0.0017	0.0019	113	0.0003	0.0031
B_2496	249.678	{1	Y_3710	ppm	0.151	0.0078	5.167	0.1455	0.1565
Ba4554	455.403	{ 7	Y_3710	ppm	0.0543	0.0009	1.712	0.0549	0.0536
Be3130	313.042	{1	Y_3710	ppm	0	0.0001	218.1	0.0001	0
Ca3158	315.887	{1	In2306	ppm	76.21	0.7254	0.9518	76.72	75.7
Ca3181	318.128	{1	In2306	ppm	74.65	0.672	0.9003	75.12	74.17
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0	12.62	0.0002	0.0003
Co2286	228.616	{4	In2306	ppm	-0.0001	0	26.34	-0.0001	-0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0007	0.0002	25.46	0.0006	0.0008
Cu3247	324.754	{1	Y_3600	ppm	0.0022	0.0004	19.36	0.0025	0.0019
Fe2404	240.488	{1	In2306	ppm	0.1484	0.0113	7.643	0.1564	0.1403
K_7664	766.490	{ 4	Y_3710	ppm	11.43	0.2079	1.819	11.57	11.28
K_7698	769.896	{ 4	Y_3710	ppm	11.67	0.184	1.577	11.8	11.54
Li6707	670.784	{ 5	Y_3710	ppm	0.0125	0.0002	1.79	0.0127	0.0124
Mg2790	279.079	{1	Y_3710	ppm	12.61	0.1241	0.9843	12.7	12.52
Mn2576	257.610	{1	Y_3600	ppm	0.0418	0.0006	1.363	0.0422	0.0414
Mn2576-2	257.610	{1	Y_3710	ppm	0.0455	0.0005	1.174	0.0451	0.0458
Mo2020	202.030	{4	Y_2243	ppm	0.0218	0	0.1056	0.0217	0.0218
Na5895	589.592	{ 5	Y_3710	ppm	249.2	4.098	1.644	246.3	252.1
Na8183	818.326	{ 4	Y_3710	ppm	263.1	3.568	1.356	265.6	260.6
Ni2316	231.604	{4	In2306	ppm	0.0039	0.0001	3.573	0.0038	0.004
P_1782	178.284	{4	In2306	ppm	0.0647	0.0029	4.537	0.0627	0.0668
Pb2203	220.353	{4	In2306	ppm	-0.0005	0.0007	140	-0.0009	0
S_1820	182.034	{4	Y_2243	ppm	-50770	178.2	0.3509	-50650	-50900
Sb2068	206.833	{4	Y_2243	ppm	-0.0006	0.0017	293.2	-0.0018	0.0006
Se1960	196.090	{4	Y_2243	ppm	-0.0005	0.0009	165.9	0.0001	-0.0012
Si2516	251.611	{1	Y_3710	ppm	1.24	0.0102	0.8243	1.247	1.233
Sn1899	189.989	{4	In2306	ppm	-0.0001	0.0001	62.44	-0.0001	-0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	0.8807	0.0144	1.635	0.8909	0.8706
Ti3349	334.904	{1	Y_3600	ppm	0.0013	0.0006	46.08	0.0009	0.0018
Tl1908	190.856	{4	In2306	ppm	-0.0003	0.0006	190.2	0.0001	-0.0008
V_2924	292.402	{1	Y_3600	ppm	0.0027	0.0001	5.085	0.0026	0.0028
Zn2062	206.200	{4	In2306	ppm	0.017	0.0009	5.051	0.0164	0.0177

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	144.28	1.5734	1.0905	143.16	145.39
In2306	230.606	{4	Cts/S	8792.1	20.988	0.23871	8806.9	8777.2
Y_2243	224.306	{4	Cts/S	11175	53.065	0.47483	11213	11138
Y_3600	360.073	{ 9	Cts/S	103000	380.06	0.369	102730	103270
Y_3710	371.030	{ 9	Cts/S	10395	113.76	1.0943	10315	10475

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0052	0.0003	5.076	0.0054	0.005
Al3082	308.215	{1	In2306	ppm	0.189	0.0005	0.2665	0.1894	0.1887
As1890	189.042	{4	Y_2243	ppm	0.0045	0.0014	30.34	0.0036	0.0055
B_2496	249.678	{1	Y_3710	ppm	0.1012	0.0069	6.81	0.1061	0.0964
Ba4554	455.403	{ 7	Y_3710	ppm	0.0487	0.0001	0.288	0.0486	0.0488
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0001	71.86	0.0002	0.0001
Ca3158	315.887	{1	In2306	ppm	31.27	0.7352	2.351	30.75	31.79
Ca3181	318.128	{1	In2306	ppm	30.26	0.6601	2.181	29.79	30.73
Cd2288	228.802	{4	Y_2243	ppm	0.0006	0.0001	12.25	0.0006	0.0005
Co2286	228.616	{4	In2306	ppm	0.0011	0	2.587	0.0011	0.0011
Cr2677	267.716	{1	Y_3600	ppm	0.0773	0.0002	0.2602	0.0774	0.0772
Cu3247	324.754	{1	Y_3600	ppm	1.834	0.0005	0.0262	1.834	1.834
Fe2404	240.488	{1	In2306	ppm	2.738	0.0625	2.283	2.694	2.782
K_7664	766.490	{ 4	Y_3710	ppm	9.084	0.1055	1.161	9.159	9.009
K_7698	769.896	{ 4	Y_3710	ppm	9.551	0.0383	0.4014	9.578	9.523
Li6707	670.784	{ 5	Y_3710	ppm	0.008	0.0004	4.634	0.0083	0.0078
Mg2790	279.079	{1	Y_3710	ppm	3.259	0.0361	1.107	3.285	3.234
Mn2576	257.610	{1	Y_3600	ppm	0.0368	0.0001	0.2723	0.0369	0.0368
Mn2576-2	257.610	{1	Y_3710	ppm	0.0391	0	0.1142	0.0391	0.0391
Mo2020	202.030	{4	Y_2243	ppm	0.012	0	0.2116	0.012	0.012
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	4303	34.16	0.7939	4279	4327
Ni2316	231.604	{4	In2306	ppm	0.0911	0.0002	0.1751	0.0912	0.091
P_1782	178.284	{4	In2306	ppm	1.752	0.0069	0.3936	1.757	1.747
Pb2203	220.353	{4	In2306	ppm	0.0066	0.0005	7.142	0.0069	0.0062
S_1820	182.034	{4	Y_2243	ppm	-82140	220.1	0.2679	-81980	-82300
Sb2068	206.833	{4	Y_2243	ppm	0.0004	0.001	271.9	-0.0004	0.0011
Se1960	196.090	{4	Y_2243	ppm	0.0036	0.0009	23.7	0.003	0.0042
Si2516	251.611	{1	Y_3710	ppm	4.395	0.0137	0.3109	4.386	4.405
Sn1899	189.989	{4	In2306	ppm	0.0074	0.0004	5.09	0.0071	0.0076
Sr4215	421.552	{ 8	Y_3710	ppm	0.2034	0	0.0084	0.2034	0.2034
Ti3349	334.904	{1	Y_3600	ppm	0.0009	0.0006	61.63	0.0013	0.0005
Tl1908	190.856	{4	In2306	ppm	0.001	0.0012	129.8	0.0001	0.0018
V_2924	292.402	{1	Y_3600	ppm	0.0033	0.0003	8.196	0.0031	0.0035
Zn2062	206.200	{4	In2306	ppm	0.2542	0.0009	0.3489	0.2548	0.2535

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	139.47	1.8296	1.3118	140.76	138.18
In2306	230.606	{4	Cts/S	6626.6	33.871	0.51114	6650.5	6602.6
Y_2243	224.306	{4	Cts/S	9241.3	41.057	0.44428	9270.3	9212.2
Y_3600	360.073	{ 9	Cts/S	81464	1.9984	0.00245	81462	81465
Y_3710	371.030	{ 9	Cts/S	10045	12.936	0.12878	10036	10054

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SampleName=600-48436-d-1-a
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 9:39:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0005	0.0001	28.16	0.0004	0.0006
Al3082	308.215	{1	In2306	ppm	1.952	0.0319	1.636	1.975	1.93
As1890	189.042	{4	Y_2243	ppm	0.0021	0.0005	22.08	0.0018	0.0025
B_2496	249.678	{1	Y_3710	ppm	0.0702	0.0038	5.382	0.0728	0.0675
Ba4554	455.403	{ 7	Y_3710	ppm	0.37	0.0019	0.5159	0.3687	0.3714
Be3130	313.042	{1	Y_3710	ppm	0.0002	0	8.37	0.0002	0.0002
Ca3158	315.887	{1	In2306	ppm	248.1	0.0471	0.019	248.1	248.1
Ca3181	318.128	{1	In2306	ppm	241.3	0.4857	0.2013	241	241.6
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0.0001	59.41	0.0002	0.0001
Co2286	228.616	{4	In2306	ppm	0.0014	0	1.228	0.0014	0.0014
Cr2677	267.716	{1	Y_3600	ppm	0.0053	0	0.448	0.0053	0.0053
Cu3247	324.754	{1	Y_3600	ppm	0.0088	0.0001	0.6742	0.0088	0.0087
Fe2404	240.488	{1	In2306	ppm	3.252	0.0214	0.6573	3.267	3.237
K_7664	766.490	{ 4	Y_3710	ppm	1.483	0.0142	0.9596	1.493	1.473
K_7698	769.896	{ 4	Y_3710	ppm	1.559	0.0098	0.6257	1.566	1.553
Li6707	670.784	{ 5	Y_3710	ppm	0.0129	0.0002	1.818	0.0128	0.0131
Mg2790	279.079	{1	Y_3710	ppm	30.67	0.2402	0.7833	30.5	30.84
Mn2576	257.610	{1	Y_3600	ppm	0.0752	0.0011	1.486	0.076	0.0744
Mn2576-2	257.610	{1	Y_3710	ppm	0.0849	0.0012	1.429	0.084	0.0857
Mo2020	202.030	{4	Y_2243	ppm	0.0001	0.0001	164.5	0	0.0002
Na5895	589.592	{ 5	Y_3710	ppm	128.3	0.7833	0.6104	127.8	128.9
Na8183	818.326	{ 4	Y_3710	ppm	131.2	0.2318	0.1767	131	131.4
Ni2316	231.604	{4	In2306	ppm	0.0036	0.0012	32.59	0.0028	0.0044
P_1782	178.284	{4	In2306	ppm	0.2754	0.019	6.913	0.2619	0.2888
Pb2203	220.353	{4	In2306	ppm	0.0019	0.0003	16.4	0.0017	0.0022
S_1820	182.034	{4	Y_2243	ppm	-16920	708.6	4.188	-16420	-17420
Sb2068	206.833	{4	Y_2243	ppm	0.001	0	1.359	0.001	0.001
Se1960	196.090	{4	Y_2243	ppm	0.0005	0.0005	91.65	0.0002	0.0008
Si2516	251.611	{1	Y_3710	ppm	10.82	0.0493	0.4559	10.78	10.85
Sn1899	189.989	{4	In2306	ppm	0.0003	0	12.52	0.0004	0.0003
Sr4215	421.552	{ 8	Y_3710	ppm	0.744	0.0035	0.4701	0.7415	0.7465
Ti3349	334.904	{1	Y_3600	ppm	0.0163	0.0005	3.03	0.0167	0.016
Tl1908	190.856	{4	In2306	ppm	-0.0007	0.0018	238.4	0.0005	-0.002
V_2924	292.402	{1	Y_3600	ppm	0.0015	0.0002	10.3	0.0016	0.0014
Zn2062	206.200	{4	In2306	ppm	0.0633	0.0027	4.311	0.0614	0.0653

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	138.86	1.0873	0.78305	138.09	139.63
In2306	230.606	{4	Cts/S	8629.3	107.78	1.2491	8705.5	8553.1
Y_2243	224.306	{4	Cts/S	10915	99.89	0.91512	10986	10845
Y_3600	360.073	{ 9	Cts/S	103410	878.05	0.84907	102790	104030
Y_3710	371.030	{ 9	Cts/S	10015	9.344	0.0933	10022	10008

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Custom ID2=
Custom ID3=
Run Time=1/13/2012 9:42:23
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0005	0.0007	139.4	0	0.0009
Al3082	308.215	{1	In2306	ppm	0.5052	0.0054	1.072	0.509	0.5013
As1890	189.042	{4	Y_2243	ppm	0.0006	0.0001	13.19	0.0006	0.0007
B_2496	249.678	{1	Y_3710	ppm	0.0247	0.0028	11.5	0.0268	0.0227
Ba4554	455.403	{ 7	Y_3710	ppm	0.0228	0.0002	0.7526	0.0229	0.0227
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0001	127.9	0	0.0001
Ca3158	315.887	{1	In2306	ppm	4.215	0.107	2.538	4.291	4.14
Ca3181	318.128	{1	In2306	ppm	4.146	0.0738	1.781	4.198	4.093
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0	12.02	0.0002	0.0002
Co2286	228.616	{4	In2306	ppm	0.0002	0	20.89	0.0002	0.0003
Cr2677	267.716	{1	Y_3600	ppm	0.0011	0.0003	27.04	0.0009	0.0013
Cu3247	324.754	{1	Y_3600	ppm	0.0053	0.0004	6.977	0.0051	0.0056
Fe2404	240.488	{1	In2306	ppm	0.4	0.0155	3.881	0.411	0.389
K_7664	766.490	{ 4	Y_3710	ppm	12.85	0.074	0.5761	12.79	12.9
K_7698	769.896	{ 4	Y_3710	ppm	12.97	0.0873	0.6727	12.91	13.04
Li6707	670.784	{ 5	Y_3710	ppm	0.0006	0.0003	56.51	0.0009	0.0004
Mg2790	279.079	{1	Y_3710	ppm	0.8542	0.0358	4.186	0.829	0.8795
Mn2576	257.610	{1	Y_3600	ppm	0.01	0.0001	0.5261	0.01	0.01
Mn2576-2	257.610	{1	Y_3710	ppm	0.0103	0	0.4019	0.0103	0.0104
Mo2020	202.030	{4	Y_2243	ppm	0.0004	0.0001	24.88	0.0004	0.0005
Na5895	589.592	{ 5	Y_3710	ppm	3.268	0.0088	0.2678	3.262	3.274
Na8183	818.326	{ 4	Y_3710	ppm	2.847	0.1896	6.659	2.981	2.713
Ni2316	231.604	{4	In2306	ppm	0.0013	0.0002	15.77	0.0012	0.0015
P_1782	178.284	{4	In2306	ppm	0.822	0.0044	0.5383	0.8251	0.8188
Pb2203	220.353	{4	In2306	ppm	0.0004	0.0002	46.27	0.0005	0.0003
S_1820	182.034	{4	Y_2243	ppm	-2210	411.6	18.62	-1919	-2501
Sb2068	206.833	{4	Y_2243	ppm	0.0003	0.0004	155.1	0	0.0005
Se1960	196.090	{4	Y_2243	ppm	0.0006	0.0016	297.7	0.0017	-0.0006
Si2516	251.611	{1	Y_3710	ppm	1.567	0.0034	0.2139	1.564	1.569
Sn1899	189.989	{4	In2306	ppm	-0.0002	0.0001	35.94	-0.0002	-0.0003
Sr4215	421.552	{ 8	Y_3710	ppm	0.0178	0.0001	0.4303	0.0178	0.0177
Ti3349	334.904	{1	Y_3600	ppm	0.0012	0.0002	13.72	0.0011	0.0013
Tl1908	190.856	{4	In2306	ppm	0.0013	0.0012	94.17	0.0022	0.0004
V_2924	292.402	{1	Y_3600	ppm	0.0014	0.0001	10.65	0.0013	0.0015
Zn2062	206.200	{4	In2306	ppm	0.0644	0.0006	0.8566	0.064	0.0648

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	141.5	1.4954	1.0568	140.45	142.56
In2306	230.606	{4	Cts/S	10077	192.6	1.9113	10213	9940.7
Y_2243	224.306	{4	Cts/S	11903	149.3	1.2543	12008	11797
Y_3600	360.073	{ 9	Cts/S	112400	821.64	0.73098	112980	111820
Y_3710	371.030	{ 9	Cts/S	10317	22.27	0.21586	10332	10301

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 9:45:00
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0005	0.0005	85.95	0.0009	0.0002
Al3082	308.215	{1	In2306	ppm	0.4037	0.0157	3.893	0.3925	0.4148
As1890	189.042	{4	Y_2243	ppm	0.0002	0.0009	393.7	0.0009	-0.0004
B_2496	249.678	{1	Y_3710	ppm	0.032	0.0026	8.222	0.0301	0.0338
Ba4554	455.403	{ 7	Y_3710	ppm	0.033	0.0004	1.116	0.0328	0.0333
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0001	58.84	0.0001	0.0001
Ca3158	315.887	{1	In2306	ppm	5.751	0.0009	0.0162	5.752	5.751
Ca3181	318.128	{1	In2306	ppm	5.648	0.0254	0.449	5.63	5.666
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0	8.509	0.0002	0.0002
Co2286	228.616	{4	In2306	ppm	0.0001	0	29.2	0.0001	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0008	0.0002	25.58	0.001	0.0007
Cu3247	324.754	{1	Y_3600	ppm	0.0065	0.0007	10.77	0.0069	0.006
Fe2404	240.488	{1	In2306	ppm	0.3657	0.0059	1.601	0.3616	0.3698
K_7664	766.490	{ 4	Y_3710	ppm	20.69	0.0644	0.3112	20.65	20.74
K_7698	769.896	{ 4	Y_3710	ppm	20.96	0.035	0.1669	20.99	20.94
Li6707	670.784	{ 5	Y_3710	ppm	0.0004	0.0003	86.39	0.0006	0.0002
Mg2790	279.079	{1	Y_3710	ppm	1.332	0.0068	0.5103	1.337	1.327
Mn2576	257.610	{1	Y_3600	ppm	0.0138	0.0002	1.628	0.0139	0.0136
Mn2576-2	257.610	{1	Y_3710	ppm	0.0136	0.0015	10.89	0.0126	0.0147
Mo2020	202.030	{4	Y_2243	ppm	0.0005	0.0001	12.62	0.0005	0.0006
Na5895	589.592	{ 5	Y_3710	ppm	3.543	0.0021	0.0605	3.541	3.544
Na8183	818.326	{ 4	Y_3710	ppm	3.024	0.1236	4.087	2.936	3.111
Ni2316	231.604	{4	In2306	ppm	0.0013	0	1.89	0.0013	0.0013
P_1782	178.284	{4	In2306	ppm	1.207	0.0185	1.53	1.221	1.194
Pb2203	220.353	{4	In2306	ppm	0.0008	0.0004	51.73	0.0011	0.0005
S_1820	182.034	{4	Y_2243	ppm	-2283	21.44	0.9392	-2298	-2267
Sb2068	206.833	{4	Y_2243	ppm	0.0011	0.0007	61.93	0.0016	0.0006
Se1960	196.090	{4	Y_2243	ppm	-0.0003	0.0023	768	-0.002	0.0014
Si2516	251.611	{1	Y_3710	ppm	1.648	0.0203	1.234	1.634	1.662
Sn1899	189.989	{4	In2306	ppm	-0.0003	0.0001	54.45	-0.0002	-0.0004
Sr4215	421.552	{ 8	Y_3710	ppm	0.0261	0.0002	0.6326	0.026	0.0262
Ti3349	334.904	{1	Y_3600	ppm	0.0016	0.0001	9.043	0.0015	0.0017
Tl1908	190.856	{4	In2306	ppm	-0.0005	0.0007	139.3	-0.001	0
V_2924	292.402	{1	Y_3600	ppm	0.0008	0.0003	44.38	0.001	0.0005
Zn2062	206.200	{4	In2306	ppm	0.0907	0.001	1.145	0.0914	0.0899

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	144.15	0.03205	0.02223	144.13	144.18
In2306	230.606	{4	Cts/S	10039	116.35	1.159	9956.6	10121
Y_2243	224.306	{4	Cts/S	11884	136.86	1.1516	11787	11980
Y_3600	360.073	{ 9	Cts/S	112180	959.39	0.85526	111500	112850
Y_3710	371.030	{ 9	Cts/S	10338	70.013	0.67726	10387	10288

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SampleName=CCV 760843
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 9:47:38

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2269	0.0027	1.182	0.2288	0.225
Al3082	308.215	{1	In2306	ppm	2.584	0.1101	4.263	2.506	2.661
As1890	189.042	{4	Y_2243	ppm	0.5321	0.0018	0.3401	0.5308	0.5334
B_2496	249.678	{1	Y_3710	ppm	0.4911	0.0209	4.263	0.4763	0.5059
Ba4554	455.403	{ 7	Y_3710	ppm	0.51	0.0251	4.925	0.4922	0.5278
Be3130	313.042	{1	Y_3710	ppm	0.4969	0.025	5.037	0.4792	0.5146
Ca3158	315.887	{1	In2306	ppm	12.89	0.4551	3.529	12.57	13.22
Ca3181	318.128	{1	In2306	ppm	12.47	0.4316	3.462	12.16	12.77
Cd2288	228.802	{4	Y_2243	ppm	0.5058	0.0012	0.2298	0.505	0.5066
Co2286	228.616	{4	In2306	ppm	0.4755	0.0009	0.1907	0.4748	0.4761
Cr2677	267.716	{1	Y_3600	ppm	0.4298	0.0058	1.353	0.4339	0.4257
Cu3247	324.754	{1	Y_3600	ppm	0.443	0.0115	2.602	0.4512	0.4349
Fe2404	240.488	{1	In2306	ppm	2.537	0.0978	3.857	2.468	2.606
K_7664	766.490	{ 4	Y_3710	ppm	12.98	0.7505	5.78	12.45	13.51
K_7698	769.896	{ 4	Y_3710	ppm	13.18	0.7747	5.876	12.64	13.73
Li6707	670.784	{ 5	Y_3710	ppm	0.5538	0.0352	6.359	0.5289	0.5787
Mg2790	279.079	{1	Y_3710	ppm	4.671	0.2481	5.312	4.496	4.847
Mn2576	257.610	{1	Y_3600	ppm	0.4429	0.0056	1.256	0.4468	0.4389
Mn2576-2	257.610	{1	Y_3710	ppm	0.5063	0.0244	4.821	0.4891	0.5236
Mo2020	202.030	{4	Y_2243	ppm	0.5558	0.0002	0.0439	0.556	0.5556
Na5895	589.592	{ 5	Y_3710	ppm	13.71	0.829	6.046	13.12	14.3
Na8183	818.326	{ 4	Y_3710	ppm	12.8	0.673	5.259	12.32	13.27
Ni2316	231.604	{4	In2306	ppm	0.4992	0.0012	0.2352	0.4984	0.5
P_1782	178.284	{4	In2306	ppm	0.0014	0.0016	114.9	0.0003	0.0025
Pb2203	220.353	{4	In2306	ppm	0.4904	0.0024	0.4814	0.4887	0.492
S_1820	182.034	{4	Y_2243	ppm	-941	0.5044	0.0536	-941.3	-940.6
Sb2068	206.833	{4	Y_2243	ppm	0.5301	0.0002	0.037	0.5299	0.5302
Se1960	196.090	{4	Y_2243	ppm	0.5557	0.0051	0.922	0.5521	0.5594
Si2516	251.611	{1	Y_3710	ppm	0.9622	0.0609	6.328	0.9192	1.005
Sn1899	189.989	{4	In2306	ppm	0.4625	0.0005	0.1088	0.4622	0.4629
Sr4215	421.552	{ 8	Y_3710	ppm	0.2678	0.0129	4.818	0.2587	0.2769
Ti3349	334.904	{1	Y_3600	ppm	0.4103	0.0094	2.291	0.417	0.4037
Tl1908	190.856	{4	In2306	ppm	0.5225	0.0036	0.6856	0.525	0.5199
V_2924	292.402	{1	Y_3600	ppm	0.4123	0.0054	1.317	0.4162	0.4085
Zn2062	206.200	{4	In2306	ppm	0.4702	0.0015	0.314	0.4713	0.4692

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	146.41	5.0047	3.4182	149.95	142.87
In2306	230.606	{4	Cts/S	9940.2	51.114	0.51421	9976.3	9904
Y_2243	224.306	{4	Cts/S	11963	56.926	0.47587	12003	11922
Y_3600	360.073	{ 5	Cts/S	115560	1455.1	1.2591	114540	116590
Y_3710	371.030	{ 5	Cts/S	10413	454.52	4.3647	10735	10092

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SampleName=LLCCV
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/13/2012 9:50:05
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0049	0.0007	14.52	0.0054	0.0044
Al3082	308.215	{1	In2306	ppm	0.1485	0.0087	5.879	0.1423	0.1547
As1890	189.042	{4	Y_2243	ppm	0.0127	0.0035	27.55	0.0102	0.0151
B_2496	249.678	{1	Y_3710	ppm	0.0098	0.0033	33.72	0.0121	0.0074
Ba4554	455.403	{ 7	Y_3710	ppm	0.0097	0	0.0552	0.0097	0.0097
Be3130	313.042	{1	Y_3710	ppm	0.005	0.0001	1.583	0.005	0.0049
Ca3158	315.887	{1	In2306	ppm	0.0913	0.0019	2.133	0.0927	0.0899
Ca3181	318.128	{1	In2306	ppm	0.1472	0.0408	27.68	0.1184	0.1761
Cd2288	228.802	{4	Y_2243	ppm	0.0077	0.0034	44.06	0.0053	0.0101
Co2286	228.616	{4	In2306	ppm	0.0118	0.0035	29.47	0.0093	0.0142
Cr2677	267.716	{1	Y_3600	ppm	0.009	0.0002	1.682	0.0088	0.0091
Cu3247	324.754	{1	Y_3600	ppm	0.0102	0.0003	2.804	0.0104	0.01
Fe2404	240.488	{1	In2306	ppm	0.1106	0.0038	3.445	0.1079	0.1133
K_7664	766.490	{ 4	Y_3710	ppm	0.6999	0.0049	0.7043	0.7034	0.6964
K_7698	769.896	{ 4	Y_3710	ppm	0.7783	0.0067	0.8663	0.783	0.7735
Li6707	670.784	{ 5	Y_3710	ppm	0.0105	0.0004	3.887	0.0108	0.0103
Mg2790	279.079	{1	Y_3710	ppm	0.0753	0.0331	43.96	0.0987	0.0519
Mn2576	257.610	{1	Y_3600	ppm	0.0097	0.0001	0.5389	0.0096	0.0097
Mn2576-2	257.610	{1	Y_3710	ppm	0.0098	0.0007	6.998	0.0093	0.0103
Mo2020	202.030	{4	Y_2243	ppm	0.0151	0.0047	30.96	0.0118	0.0184
Na5895	589.592	{ 5	Y_3710	ppm	0.801	0.0024	0.2978	0.8027	0.7993
Na8183	818.326	{ 4	Y_3710	ppm	0.5489	0.0547	9.971	0.5876	0.5102
Ni2316	231.604	{4	In2306	ppm	0.0125	0.0035	27.63	0.0101	0.015
P_1782	178.284	{4	In2306	ppm	0.0086	0.0003	3.378	0.0084	0.0088
Pb2203	220.353	{4	In2306	ppm	0.0115	0.0035	30.35	0.009	0.014
S_1820	182.034	{4	Y_2243	ppm	-236.1	2.824	1.196	-238.1	-234.1
Sb2068	206.833	{4	Y_2243	ppm	0.0224	0.004	17.96	0.0196	0.0252
Se1960	196.090	{4	Y_2243	ppm	0.0124	0.0038	31.1	0.0096	0.0151
Si2516	251.611	{1	Y_3710	ppm	0.0271	0.0109	40.26	0.0194	0.0348
Sn1899	189.989	{4	In2306	ppm	0.0121	0.0039	31.85	0.0094	0.0148
Sr4215	421.552	{ 8	Y_3710	ppm	0.0051	0.0001	2.314	0.005	0.0052
Ti3349	334.904	{1	Y_3600	ppm	0.0087	0.0001	0.7394	0.0086	0.0087
Tl1908	190.856	{4	In2306	ppm	0.0135	0.0048	35.57	0.0101	0.0169
V_2924	292.402	{1	Y_3600	ppm	0.0084	0.0003	3.486	0.0086	0.0082
Zn2062	206.200	{4	In2306	ppm	0.0115	0.0033	28.96	0.0091	0.0138

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	150.97	0.24079	0.15949	150.8	151.14
In2306	230.606	{4	Cts/S	10522	72.226	0.68646	10573	10470
Y_2243	224.306	{4	Cts/S	12209	67.165	0.55012	12257	12162
Y_3600	360.073	{ 9	Cts/S	114370	92.193	0.08061	114300	114430
Y_3710	371.030	{ 9	Cts/S	10482	3.5005	0.03339	10480	10485

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Custom ID1=
Custom ID2=

Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	70.07	0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	0.0046	0.0245	535.7	0.0219	-0.0128
As1890	189.042 {4	Y_2243	ppm	0.0008	0.0009	118.9	0.0001	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.002	0.0065	329.3	0.0066	-0.0026
Ba4554	455.403 { 7	Y_3710	ppm	-0.0003	0.0002	55.56	-0.0002	-0.0004
Be3130	313.042 {1	Y_3710	ppm	0	0	902.9	0	0
Ca3158	315.887 {1	In2306	ppm	-0.0059	0.0106	177.9	0.0015	-0.0134
Ca3181	318.128 {1	In2306	ppm	0.057	0.0063	11.04	0.0526	0.0615
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	24.37	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	3950	-0.0001	0
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0001	66.53	-0.0002	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0013	0.0006	45.85	0.0017	0.0008
Fe2404	240.488 {1	In2306	ppm	0.0014	0.0016	113.9	0.0026	0.0003
K_7664	766.490 { 4	Y_3710	ppm	0.0359	0.0012	3.455	0.035	0.0368
K_7698	769.896 { 4	Y_3710	ppm	0.0925	0.0242	26.16	0.1096	0.0754
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0	12.42	-0.0002	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0411	0.005	12.24	-0.0447	-0.0376
Mn2576	257.610 {1	Y_3600	ppm	0	0	326.6	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0	0.0006	1285	-0.0004	0.0005
Mo2020	202.030 {4	Y_2243	ppm	0	0.0003	1755	-0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.1231	0.0047	3.833	0.1264	0.1198
Na8183	818.326 { 4	Y_3710	ppm	0.1453	0.0575	39.58	0.186	0.1046
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0001	35.07	0.0002	0.0004
P_1782	178.284 {4	In2306	ppm	-0.0015	0.0002	15.75	-0.0013	-0.0017
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0002	32.28	0.0004	0.0007
S_1820	182.034 {4	Y_2243	ppm	-216.9	2.102	0.9693	-215.4	-218.4
Sb2068	206.833 {4	Y_2243	ppm	0.003	0.0022	74.94	0.0014	0.0045
Se1960	196.090 {4	Y_2243	ppm	-0.0008	0.0017	217.2	-0.002	0.0004
Si2516	251.611 {1	Y_3710	ppm	0.0046	0.0149	327.5	-0.006	0.0151
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0004	465.5	-0.0004	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	101.1	0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0002	172.6	0	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0007	52.69	0.0009	0.0019
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0001	17.44	-0.0004	-0.0003
Zn2062	206.200 {4	In2306	ppm	0	0.0001	3664	-0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	148.2	1.1049	0.74555	148.98	147.42
In2306	230.606 {4	Cts/S	10760	315.19	2.9291	10538	10983
Y_2243	224.306 {4	Cts/S	12384	368.11	2.9725	12123	12644
Y_3600	360.073 { 9	Cts/S	112640	2769.2	2.4585	110680	114600
Y_3710	371.030 { 9	Cts/S	10587	12.521	0.11826	10596	10579

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0002	52.92	0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	1.815	0.0281	1.547	1.834	1.795
As1890	189.042 {4	Y_2243	ppm	0.004	0.0001	1.898	0.004	0.0039
B_2496	249.678 {1	Y_3710	ppm	0.0111	0.003	27.31	0.0133	0.009
Ba4554	455.403 { 7	Y_3710	ppm	0.0642	0.0007	1.127	0.0648	0.0637
Be3130	313.042 {1	Y_3710	ppm	0.0005	0.0002	41.71	0.0003	0.0006
Ca3158	315.887 {1	In2306	ppm	33.59	0.4044	1.204	33.87	33.3
Ca3181	318.128 {1	In2306	ppm	32.58	0.5312	1.63	32.95	32.2
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	27.88	0.0003	0.0002
Co2286	228.616 {4	In2306	ppm	0.0014	0	3.371	0.0013	0.0014
Cr2677	267.716 {1	Y_3600	ppm	0.0046	0.0004	8.292	0.0043	0.0049
Cu3247	324.754 {1	Y_3600	ppm	0.0415	0.0003	0.6373	0.0416	0.0413
Fe2404	240.488 {1	In2306	ppm	1.527	0.0216	1.413	1.543	1.512
K_7664	766.490 { 4	Y_3710	ppm	1.818	0.0486	2.674	1.852	1.783
K_7698	769.896 { 4	Y_3710	ppm	1.856	0.0019	0.1044	1.855	1.857
Li6707	670.784 { 5	Y_3710	ppm	0.0018	0.0004	23.47	0.0021	0.0015
Mg2790	279.079 {1	Y_3710	ppm	1.954	0.0064	0.326	1.959	1.95
Mn2576	257.610 {1	Y_3600	ppm	0.1284	0.001	0.7723	0.1277	0.1291
Mn2576-2	257.610 {1	Y_3710	ppm	0.1397	0.0014	1.035	0.1407	0.1387
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0.0002	25.46	0.0007	0.0005
Na5895	589.592 { 5	Y_3710	ppm	4.441	0.0736	1.656	4.493	4.389
Na8183	818.326 { 4	Y_3710	ppm	4.289	0.1931	4.502	4.425	4.152
Ni2316	231.604 {4	In2306	ppm	0.0023	0	2.149	0.0023	0.0023
P_1782	178.284 {4	In2306	ppm	0.2281	0.0023	1.011	0.2265	0.2298
Pb2203	220.353 {4	In2306	ppm	0.0138	0.0007	4.774	0.0133	0.0143
S_1820	182.034 {4	Y_2243	ppm	-3353	24.02	0.7164	-3336	-3370
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0015	121.1	0.0002	0.0023
Se1960	196.090 {4	Y_2243	ppm	0.0011	0.0007	63.89	0.0006	0.0016
Si2516	251.611 {1	Y_3710	ppm	3.423	0.061	1.781	3.466	3.38
Sn1899	189.989 {4	In2306	ppm	0	0.0001	1566	0.0001	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0725	0.0011	1.524	0.0733	0.0717
Ti3349	334.904 {1	Y_3600	ppm	0.0103	0	0.1647	0.0103	0.0103
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0009	107.3	-0.0015	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0057	0.0001	2.022	0.0058	0.0056
Zn2062	206.200 {4	In2306	ppm	0.1895	0.0007	0.3545	0.189	0.19

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	147.62	2.5389	1.7199	145.82	149.42
In2306	230.606 {4	Cts/S	10135	102.51	1.0114	10208	10063
Y_2243	224.306 {4	Cts/S	12054	126.1	1.0462	12143	11965
Y_3600	360.073 { 9	Cts/S	114170	393.04	0.34426	114450	113890
Y_3710	371.030 { 9	Cts/S	10491	145.16	1.3836	10389	10594

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4661	0.0069	1.477	0.4709	0.4612
Al3082	308.215 {1	In2306	ppm	9.942	0.3291	3.311	9.709	10.17
As1890	189.042 {4	Y_2243	ppm	1.036	0.007	0.6744	1.041	1.031
B_2496	249.678 {1	Y_3710	ppm	0.9341	0.023	2.463	0.9178	0.9503
Ba4554	455.403 { 7	Y_3710	ppm	0.9835	0.0211	2.151	0.9685	0.9984
Be3130	313.042 {1	Y_3710	ppm	0.467	0.008	1.72	0.4613	0.4727
Ca3158	315.887 {1	In2306	ppm	11.56	0.4012	3.47	11.28	11.84
Ca3181	318.128 {1	In2306	ppm	11.23	0.4115	3.665	10.94	11.52
Cd2288	228.802 {4	Y_2243	ppm	0.4926	0.0025	0.5094	0.4944	0.4909
Co2286	228.616 {4	In2306	ppm	0.9082	0.0062	0.6813	0.9126	0.9038
Cr2677	267.716 {1	Y_3600	ppm	0.8893	0.0214	2.409	0.9045	0.8742
Cu3247	324.754 {1	Y_3600	ppm	0.9278	0.0197	2.127	0.9418	0.9139
Fe2404	240.488 {1	In2306	ppm	9.447	0.3511	3.716	9.199	9.695
K_7664	766.490 { 4	Y_3710	ppm	10.4	0.2224	2.139	10.24	10.56
K_7698	769.896 { 4	Y_3710	ppm	10.45	0.274	2.622	10.26	10.64
Li6707	670.784 { 5	Y_3710	ppm	1.118	0.0332	2.974	1.094	1.141
Mg2790	279.079 {1	Y_3710	ppm	9.055	0.154	1.7	8.946	9.164
Mn2576	257.610 {1	Y_3600	ppm	0.925	0.0225	2.43	0.9409	0.9091
Mn2576-2	257.610 {1	Y_3710	ppm	0.9767	0.0151	1.542	0.966	0.9873
Mo2020	202.030 {4	Y_2243	ppm	1.062	0.008	0.7547	1.068	1.057
Na5895	589.592 { 5	Y_3710	ppm	11.11	0.2843	2.558	10.91	11.32
Na8183	818.326 { 4	Y_3710	ppm	10.17	0.2324	2.285	10.01	10.34
Ni2316	231.604 {4	In2306	ppm	0.9632	0.0083	0.8611	0.969	0.9573
P_1782	178.284 {4	In2306	ppm	0.9418	0.0095	1.005	0.9485	0.9351
Pb2203	220.353 {4	In2306	ppm	0.9568	0.0048	0.502	0.9602	0.9534
S_1820	182.034 {4	Y_2243	ppm	-279.4	1.5	0.5369	-278.4	-280.5
Sb2068	206.833 {4	Y_2243	ppm	1.04	0.0136	1.305	1.05	1.031
Se1960	196.090 {4	Y_2243	ppm	1.061	0.0028	0.2598	1.063	1.059
Si2516	251.611 {1	Y_3710	ppm	1.328	0.0408	3.068	1.299	1.357
Sn1899	189.989 {4	In2306	ppm	0.8697	0.0087	0.9976	0.8759	0.8636
Sr4215	421.552 { 8	Y_3710	ppm	0.508	0.0104	2.05	0.5007	0.5154
Ti3349	334.904 {1	Y_3600	ppm	0.8366	0.0186	2.227	0.8498	0.8235
Tl1908	190.856 {4	In2306	ppm	1.002	0.0065	0.6456	1.007	0.9974
V_2924	292.402 {1	Y_3600	ppm	0.8433	0.0204	2.424	0.8578	0.8289
Zn2062	206.200 {4	In2306	ppm	0.9013	0.0064	0.7118	0.9058	0.8968

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	150.38	4.7955	3.1889	153.77	146.99
In2306	230.606 {4	Cts/S	9944	38.576	0.38794	9916.7	9971.3
Y_2243	224.306 {4	Cts/S	11976	39.849	0.33274	11948	12004
Y_3600	360.073 { 9	Cts/S	110990	1914.7	1.7252	109630	112340
Y_3710	371.030 { 9	Cts/S	10522	152.17	1.4462	10629	10414

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0001	30.08	0.0005	0.0003
Al3082	308.215 {1	In2306	ppm	0.0512	0.0209	40.81	0.066	0.0364
As1890	189.042 {4	Y_2243	ppm	0.0062	0.0069	110.3	0.0014	0.0111
B_2496	249.678 {1	Y_3710	ppm	0.0053	0.005	93.8	0.0089	0.0018
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	13.94	0.0007	0.0006
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	1146	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.4457	0.012	2.701	0.4542	0.4371
Ca3181	318.128 {1	In2306	ppm	0.5183	0.006	1.166	0.5226	0.514
Cd2288	228.802 {4	Y_2243	ppm	0.0035	0.0041	117	0.0006	0.0064
Co2286	228.616 {4	In2306	ppm	0.0065	0.0073	112.8	0.0013	0.0117
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0001	105	-0.0001	0
Cu3247	324.754 {1	Y_3600	ppm	0.0012	0.0001	9.994	0.0012	0.0011
Fe2404	240.488 {1	In2306	ppm	0.0549	0.0027	5.007	0.0529	0.0568
K_7664	766.490 { 4	Y_3710	ppm	0.0514	0.0476	92.53	0.085	0.0178
K_7698	769.896 { 4	Y_3710	ppm	0.2329	0.1145	49.17	0.1519	0.3138
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0002	177.7	-0.0003	0
Mg2790	279.079 {1	Y_3710	ppm	-0.037	0.023	62.23	-0.0207	-0.0532
Mn2576	257.610 {1	Y_3600	ppm	0.0024	0.0002	8.026	0.0022	0.0025
Mn2576-2	257.610 {1	Y_3710	ppm	0.0032	0.0013	41.16	0.0023	0.0041
Mo2020	202.030 {4	Y_2243	ppm	0.0105	0.0101	96.54	0.0033	0.0177
Na5895	589.592 { 5	Y_3710	ppm	0.1276	0.0015	1.194	0.1287	0.1265
Na8183	818.326 { 4	Y_3710	ppm	0.476	0.0388	8.156	0.4486	0.5035
Ni2316	231.604 {4	In2306	ppm	0.0067	0.0078	115.4	0.0012	0.0122
P_1782	178.284 {4	In2306	ppm	0.0074	0.0073	97.54	0.0023	0.0126
Pb2203	220.353 {4	In2306	ppm	0.0085	0.0078	90.87	0.0031	0.014
S_1820	182.034 {4	Y_2243	ppm	-195.9	1.444	0.7372	-196.9	-194.8
Sb2068	206.833 {4	Y_2243	ppm	0.0174	0.012	68.94	0.0089	0.0259
Se1960	196.090 {4	Y_2243	ppm	0.0062	0.0067	108.2	0.0015	0.011
Si2516	251.611 {1	Y_3710	ppm	0.0833	0.0066	7.955	0.088	0.0786
Sn1899	189.989 {4	In2306	ppm	0.0075	0.0074	98.28	0.0023	0.0128
Sr4215	421.552 { 8	Y_3710	ppm	0.0013	0	2.885	0.0012	0.0013
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0003	20.47	0.0014	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0053	0.0053	100.8	0.0015	0.009
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0004	131.4	0	-0.0006
Zn2062	206.200 {4	In2306	ppm	0.0094	0.0074	78.94	0.0042	0.0147

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	152.07	0.46882	0.3083	151.74	152.4
In2306	230.606 {4	Cts/S	10599	32.74	0.30891	10622	10575
Y_2243	224.306 {4	Cts/S	12203	9.6044	0.0787	12210	12196
Y_3600	360.073 { 9	Cts/S	113730	6750.6	5.9355	118510	108960
Y_3710	371.030 { 9	Cts/S	10635	141.96	1.3349	10534	10735

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2332	0.0014	0.5917	0.2322	0.2341
Al3082	308.215	{1	In2306	ppm	2.534	0.0091	0.3572	2.541	2.528
As1890	189.042	{4	Y_2243	ppm	0.5224	0.0009	0.164	0.5218	0.5231
B_2496	249.678	{1	Y_3710	ppm	0.4796	0.0075	1.564	0.4743	0.4849
Ba4554	455.403	{ 7	Y_3710	ppm	0.5018	0.0014	0.2772	0.5008	0.5027
Be3130	313.042	{1	Y_3710	ppm	0.4888	0.001	0.2039	0.4881	0.4895
Ca3158	315.887	{1	In2306	ppm	12.44	0.1077	0.8658	12.36	12.51
Ca3181	318.128	{1	In2306	ppm	12.05	0.1822	1.511	11.92	12.18
Cd2288	228.802	{4	Y_2243	ppm	0.4943	0.0047	0.9595	0.4909	0.4976
Co2286	228.616	{4	In2306	ppm	0.463	0.0046	1.003	0.4597	0.4662
Cr2677	267.716	{1	Y_3600	ppm	0.4448	0.0006	0.1433	0.4444	0.4453
Cu3247	324.754	{1	Y_3600	ppm	0.4589	0.0023	0.4996	0.4606	0.4573
Fe2404	240.488	{1	In2306	ppm	2.438	0.0146	0.598	2.428	2.448
K_7664	766.490	{ 4	Y_3710	ppm	12.77	0.0527	0.4124	12.74	12.81
K_7698	769.896	{ 4	Y_3710	ppm	12.96	0.1063	0.8202	12.88	13.03
Li6707	670.784	{ 5	Y_3710	ppm	0.555	0.0056	1.009	0.5511	0.559
Mg2790	279.079	{1	Y_3710	ppm	4.567	0.0304	0.665	4.545	4.588
Mn2576	257.610	{1	Y_3600	ppm	0.4571	0.002	0.4311	0.4557	0.4585
Mn2576-2	257.610	{1	Y_3710	ppm	0.4971	0.0031	0.6186	0.4949	0.4993
Mo2020	202.030	{4	Y_2243	ppm	0.5478	0.0019	0.3511	0.5464	0.5491
Na5895	589.592	{ 5	Y_3710	ppm	13.55	0.1127	0.8321	13.47	13.63
Na8183	818.326	{ 4	Y_3710	ppm	12.59	0.0312	0.2481	12.57	12.62
Ni2316	231.604	{4	In2306	ppm	0.487	0.0056	1.149	0.4831	0.491
P_1782	178.284	{4	In2306	ppm	-0.0012	0.0004	29.73	-0.0014	-0.0009
Pb2203	220.353	{4	In2306	ppm	0.4799	0.007	1.453	0.475	0.4848
S_1820	182.034	{4	Y_2243	ppm	-846.2	3.381	0.3995	-843.8	-848.6
Sb2068	206.833	{4	Y_2243	ppm	0.5218	0.0018	0.3393	0.5206	0.5231
Se1960	196.090	{4	Y_2243	ppm	0.5462	0.0076	1.4	0.5408	0.5516
Si2516	251.611	{1	Y_3710	ppm	0.9457	0.0132	1.391	0.9364	0.955
Sn1899	189.989	{4	In2306	ppm	0.4473	0.0057	1.277	0.4433	0.4514
Sr4215	421.552	{ 8	Y_3710	ppm	0.2641	0.0009	0.347	0.2635	0.2648
Ti3349	334.904	{1	Y_3600	ppm	0.4202	0.0014	0.3382	0.4192	0.4212
Tl1908	190.856	{4	In2306	ppm	0.5094	0.0022	0.4377	0.5078	0.511
V_2924	292.402	{1	Y_3600	ppm	0.4261	0.0014	0.3257	0.4251	0.427
Zn2062	206.200	{4	In2306	ppm	0.4585	0.0065	1.413	0.4539	0.4631

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	149.25	1.9944	1.3363	150.66	147.84
In2306	230.606	{4	Cts/S	10134	89.661	0.88479	10197	10070
Y_2243	224.306	{4	Cts/S	12122	76.01	0.62706	12176	12068
Y_3600	360.073	{ 9	Cts/S	112970	375.11	0.33205	113230	112700
Y_3710	371.030	{ 9	Cts/S	10505	37.026	0.35247	10531	10479

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0051	0.0005	9.955	0.0054	0.0047
Al3082	308.215	{1	In2306	ppm	0.0793	0.0357	45.04	0.1046	0.054
As1890	189.042	{4	Y_2243	ppm	0.0122	0.0017	13.55	0.011	0.0134
B_2496	249.678	{1	Y_3710	ppm	0.0095	0.0058	61.1	0.0136	0.0054
Ba4554	455.403	{ 7	Y_3710	ppm	0.0097	0	0.344	0.0098	0.0097
Be3130	313.042	{1	Y_3710	ppm	0.0049	0.0001	1.254	0.0048	0.0049
Ca3158	315.887	{1	In2306	ppm	0.0803	0.002	2.44	0.079	0.0817
Ca3181	318.128	{1	In2306	ppm	0.1261	0.0343	27.24	0.1504	0.1018
Cd2288	228.802	{4	Y_2243	ppm	0.0063	0.0015	23.34	0.0053	0.0073
Co2286	228.616	{4	In2306	ppm	0.0103	0.0015	14.71	0.0092	0.0113
Cr2677	267.716	{1	Y_3600	ppm	0.0091	0.0004	4.617	0.0094	0.0088
Cu3247	324.754	{1	Y_3600	ppm	0.0096	0.0003	3.644	0.0093	0.0098
Fe2404	240.488	{1	In2306	ppm	0.1026	0.0108	10.52	0.1102	0.0949
K_7664	766.490	{ 4	Y_3710	ppm	0.6288	0.0371	5.896	0.655	0.6026
K_7698	769.896	{ 4	Y_3710	ppm	0.6754	0.0551	8.157	0.6364	0.7144
Li6707	670.784	{ 5	Y_3710	ppm	0.0104	0.0001	0.912	0.0105	0.0103
Mg2790	279.079	{1	Y_3710	ppm	0.0477	0.0123	25.91	0.0389	0.0564
Mn2576	257.610	{1	Y_3600	ppm	0.0095	0.0001	0.6052	0.0095	0.0094
Mn2576-2	257.610	{1	Y_3710	ppm	0.0097	0.0003	3.239	0.01	0.0095
Mo2020	202.030	{4	Y_2243	ppm	0.0133	0.0024	17.72	0.0116	0.015
Na5895	589.592	{ 5	Y_3710	ppm	0.6877	0.0092	1.338	0.6943	0.6812
Na8183	818.326	{ 4	Y_3710	ppm	0.801	0.1344	16.78	0.8961	0.706
Ni2316	231.604	{4	In2306	ppm	0.0112	0.0015	13.83	0.0101	0.0123
P_1782	178.284	{4	In2306	ppm	0.0075	0.0002	2.378	0.0076	0.0074
Pb2203	220.353	{4	In2306	ppm	0.011	0.002	18.41	0.0096	0.0124
S_1820	182.034	{4	Y_2243	ppm	-176.7	2.73	1.545	-178.6	-174.8
Sb2068	206.833	{4	Y_2243	ppm	0.0218	0.0027	12.22	0.0199	0.0237
Se1960	196.090	{4	Y_2243	ppm	0.011	0.0007	6.25	0.0105	0.0115
Si2516	251.611	{1	Y_3710	ppm	0.0019	0.019	989.2	0.0154	-0.0115
Sn1899	189.989	{4	In2306	ppm	0.0102	0.0017	16.48	0.0091	0.0114
Sr4215	421.552	{ 8	Y_3710	ppm	0.0052	0.0001	1.57	0.0052	0.0051
Ti3349	334.904	{1	Y_3600	ppm	0.0088	0.0005	5.38	0.0092	0.0085
Tl1908	190.856	{4	In2306	ppm	0.0136	0.0017	12.16	0.0125	0.0148
V_2924	292.402	{1	Y_3600	ppm	0.0081	0.0001	1.679	0.008	0.0082
Zn2062	206.200	{4	In2306	ppm	0.01	0.0014	14.36	0.009	0.011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	152.1	0.91982	0.60475	151.45	152.75
In2306	230.606	{4	Cts/S	10556	1.1089	0.0105	10555	10557
Y_2243	224.306	{4	Cts/S	12162	4.2513	0.03496	12165	12159
Y_3600	360.073	{ 9	Cts/S	115380	677.27	0.58701	114900	115860
Y_3710	371.030	{ 9	Cts/S	10642	10.027	0.09422	10649	10635

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.0004	115.4	0.0001	0.0007
Al3082	308.215	{1	In2306	ppm	0.0441	0.0029	6.471	0.0461	0.0421
As1890	189.042	{4	Y_2243	ppm	0.0004	0.0007	181.5	0.0009	-0.0001
B_2496	249.678	{1	Y_3710	ppm	-0.0012	0.0007	54.04	-0.0017	-0.0008
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0004	0	7.566	-0.0004	-0.0004
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0001	111.8	0.0002	0
Ca3158	315.887	{1	In2306	ppm	0.0047	0.0018	37.74	0.0035	0.006
Ca3181	318.128	{1	In2306	ppm	0.0221	0.0385	174.3	-0.0051	0.0493
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0.0002	109.3	0	0.0003
Co2286	228.616	{4	In2306	ppm	0	0.0002	651.3	-0.0001	0.0002
Cr2677	267.716	{1	Y_3600	ppm	0	0.0001	1574	0.0001	-0.0001
Cu3247	324.754	{1	Y_3600	ppm	0.0007	0.0001	14.26	0.0007	0.0006
Fe2404	240.488	{1	In2306	ppm	-0.0034	0.0156	459.7	-0.0145	0.0077
K_7664	766.490	{ 4	Y_3710	ppm	0.0292	0.0317	108.6	0.0068	0.0516
K_7698	769.896	{ 4	Y_3710	ppm	0.1197	0.0234	19.59	0.1031	0.1363
Li6707	670.784	{ 5	Y_3710	ppm	-0.0005	0.0002	44.46	-0.0007	-0.0003
Mg2790	279.079	{1	Y_3710	ppm	-0.0108	0.0235	216.7	-0.0274	0.0058
Mn2576	257.610	{1	Y_3600	ppm	0	0	350.7	0	0
Mn2576-2	257.610	{1	Y_3710	ppm	0.0002	0.0002	99.41	0.0001	0.0003
Mo2020	202.030	{4	Y_2243	ppm	0.0001	0.0002	318.7	-0.0001	0.0003
Na5895	589.592	{ 5	Y_3710	ppm	0.0528	0.0008	1.445	0.0534	0.0523
Na8183	818.326	{ 4	Y_3710	ppm	0.3082	0.1108	35.96	0.3866	0.2299
Ni2316	231.604	{4	In2306	ppm	0.0001	0.0001	90.26	0	0.0002
P_1782	178.284	{4	In2306	ppm	-0.0014	0.0007	52.66	-0.0019	-0.0009
Pb2203	220.353	{4	In2306	ppm	0	0.001	2513	-0.0006	0.0007
S_1820	182.034	{4	Y_2243	ppm	-165.2	1.764	1.068	-166.5	-164
Sb2068	206.833	{4	Y_2243	ppm	0.003	0.0012	40.76	0.0039	0.0022
Se1960	196.090	{4	Y_2243	ppm	0	0.0001	303.8	-0.0001	0.0001
Si2516	251.611	{1	Y_3710	ppm	0.0038	0.0111	288.8	0.0116	-0.004
Sn1899	189.989	{4	In2306	ppm	-0.0001	0.0001	73.94	-0.0001	-0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	0.0001	0.0002	157.9	0.0002	0
Ti3349	334.904	{1	Y_3600	ppm	-0.0006	0.0001	16.37	-0.0005	-0.0007
Tl1908	190.856	{4	In2306	ppm	0.0002	0.0008	421.7	-0.0004	0.0007
V_2924	292.402	{1	Y_3600	ppm	-0.0004	0.0002	38.16	-0.0003	-0.0005
Zn2062	206.200	{4	In2306	ppm	0	0.0001	201.4	0	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	144.88	1.413	0.97529	143.88	145.87
In2306	230.606	{4	Cts/S	10435	57.015	0.54636	10395	10476
Y_2243	224.306	{4	Cts/S	11933	36.195	0.30333	11907	11958
Y_3600	360.073	{ 9	Cts/S	117900	5255.3	4.4573	121620	114190
Y_3710	371.030	{ 9	Cts/S	10338	44.227	0.42781	10307	10369

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	92.67	0	0.0002
Al3082	308.215	{1 In2306	ppm	552	14.4	2.61	562.2	541.8
As1890	189.042	{4 Y_2243	ppm	0.004	0.001	25.25	0.0033	0.0047
B_2496	249.678	{1 Y_3710	ppm	-0.0015	0.0006	39.35	-0.0019	-0.0011
Ba4554	455.403	{ 7 Y_3710	ppm	0.0004	0.0001	24.44	0.0003	0.0005
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	18.99	0.0001	0
Ca3158	315.887	{1 In2306	ppm	514.8	13.32	2.587	524.2	505.4
Ca3181	318.128	{1 In2306	ppm	498.9	12.17	2.44	507.5	490.3
Cd2288	228.802	{4 Y_2243	ppm	-0.0004	0.0001	14.35	-0.0004	-0.0003
Co2286	228.616	{4 In2306	ppm	0.0003	0.0001	20.25	0.0004	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0021	0	0.0147	0.0021	0.0021
Cu3247	324.754	{1 Y_3600	ppm	0.004	0.0006	14.59	0.0044	0.0036
Fe2404	240.488	{1 In2306	ppm	194.9	5.293	2.716	198.6	191.1
K_7664	766.490	{ 4 Y_3710	ppm	-0.003	0.0202	663.5	0.0113	-0.0173
K_7698	769.896	{ 4 Y_3710	ppm	0.0146	0.0694	476.9	-0.0345	0.0637
Li6707	670.784	{ 5 Y_3710	ppm	0.0094	0.0003	3.542	0.0092	0.0096
Mg2790	279.079	{1 Y_3710	ppm	556.5	0.0332	0.006	556.5	556.5
Mn2576	257.610	{1 Y_3600	ppm	-0.0053	0.0001	1.477	-0.0052	-0.0053
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0065	0.0016	24.48	-0.0076	-0.0054
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0004	682.5	-0.0002	0.0004
Na5895	589.592	{ 5 Y_3710	ppm	0.0617	0.0003	0.5399	0.0619	0.0615
Na8183	818.326	{ 4 Y_3710	ppm	0.5962	0.2791	46.81	0.7935	0.3988
Ni2316	231.604	{4 In2306	ppm	0.0044	0.0001	2.126	0.0044	0.0043
P_1782	178.284	{4 In2306	ppm	0.0036	0.0016	44.47	0.0047	0.0024
Pb2203	220.353	{4 In2306	ppm	-0.0264	0.0016	5.978	-0.0275	-0.0252
S_1820	182.034	{4 Y_2243	ppm	-215.5	9.572	4.442	-208.7	-222.3
Sb2068	206.833	{4 Y_2243	ppm	-0.011	0.0013	11.8	-0.0101	-0.0119
Se1960	196.090	{4 Y_2243	ppm	0.002	0.002	100.7	0.0034	0.0006
Si2516	251.611	{1 Y_3710	ppm	0.0145	0.002	13.75	0.0131	0.0159
Sn1899	189.989	{4 In2306	ppm	0.0025	0.0007	28.72	0.002	0.0031
Sr4215	421.552	{ 8 Y_3710	ppm	0.0026	0.0001	4.02	0.0027	0.0025
Ti3349	334.904	{1 Y_3600	ppm	0.0019	0.0007	38.09	0.0024	0.0014
Tl1908	190.856	{4 In2306	ppm	-0.0001	0.0008	533.8	-0.0007	0.0004
V_2924	292.402	{1 Y_3600	ppm	-0.0071	0.0002	3.367	-0.0073	-0.0069
Zn2062	206.200	{4 In2306	ppm	0.0044	0	0.9818	0.0044	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	135.1	3.4817	2.5771	132.64	137.56
In2306	230.606	{4 Cts/S	7525.4	0.12919	0.00172	7525.3	7525.5
Y_2243	224.306	{4 Cts/S	10002	2.9923	0.02992	10004	9999.8
Y_3600	360.073	{ 9 Cts/S	98406	1325.4	1.3468	97469	99343

Y_3710	371.030 { 9	Cts/S	8787.2	0.57364	0.00653	8787.6	8786.7

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5084	0.0011	0.2223	0.5092	0.5076
Al3082	308.215 {1	In2306	ppm	568.9	10.31	1.812	561.6	576.2
As1890	189.042 {4	Y_2243	ppm	1.111	0.0324	2.917	1.134	1.088
B_2496	249.678 {1	Y_3710	ppm	1.089	0.0037	0.3388	1.092	1.087
Ba4554	455.403 { 7	Y_3710	ppm	1.179	0.0071	0.6027	1.174	1.184
Be3130	313.042 {1	Y_3710	ppm	0.5282	0.0002	0.0377	0.5281	0.5284
Ca3158	315.887 {1	In2306	ppm	524	9.859	1.881	517	531
Ca3181	318.128 {1	In2306	ppm	507.3	9.205	1.815	500.8	513.8
Cd2288	228.802 {4	Y_2243	ppm	0.5315	0.0149	2.799	0.5421	0.521
Co2286	228.616 {4	In2306	ppm	0.9147	0.0229	2.504	0.9309	0.8985
Cr2677	267.716 {1	Y_3600	ppm	0.8116	0.0032	0.3936	0.8138	0.8093
Cu3247	324.754 {1	Y_3600	ppm	0.9764	0.0027	0.2803	0.9783	0.9745
Fe2404	240.488 {1	In2306	ppm	204	3.947	1.935	201.2	206.8
K_7664	766.490 { 4	Y_3710	ppm	12.11	0.0234	0.1931	12.09	12.12
K_7698	769.896 { 4	Y_3710	ppm	12.42	0.0463	0.3726	12.38	12.45
Li6707	670.784 { 5	Y_3710	ppm	1.305	0.0035	0.2694	1.302	1.307
Mg2790	279.079 {1	Y_3710	ppm	562.7	0.6285	0.1117	562.3	563.1
Mn2576	257.610 {1	Y_3600	ppm	0.8311	0.0024	0.2928	0.8328	0.8293
Mn2576-2	257.610 {1	Y_3710	ppm	1.105	0.0028	0.2507	1.103	1.107
Mo2020	202.030 {4	Y_2243	ppm	1.052	0.0355	3.376	1.077	1.026
Na5895	589.592 { 5	Y_3710	ppm	12.66	0.0372	0.2939	12.64	12.69
Na8183	818.326 { 4	Y_3710	ppm	12.55	0.1012	0.8063	12.48	12.62
Ni2316	231.604 {4	In2306	ppm	0.9822	0.0288	2.934	1.003	0.9618
P_1782	178.284 {4	In2306	ppm	1.066	0.0303	2.839	1.087	1.045
Pb2203	220.353 {4	In2306	ppm	0.9157	0.0236	2.573	0.9324	0.8991
S_1820	182.034 {4	Y_2243	ppm	-218.2	2.364	1.084	-216.5	-219.8
Sb2068	206.833 {4	Y_2243	ppm	1.089	0.0352	3.231	1.114	1.064
Se1960	196.090 {4	Y_2243	ppm	1.152	0.0305	2.644	1.173	1.13
Si2516	251.611 {1	Y_3710	ppm	1.126	0.005	0.4444	1.122	1.129
Sn1899	189.989 {4	In2306	ppm	0.8566	0.0245	2.857	0.8739	0.8393
Sr4215	421.552 { 8	Y_3710	ppm	0.6011	0.0035	0.575	0.5987	0.6036
Ti3349	334.904 {1	Y_3600	ppm	0.7599	0.0072	0.9483	0.765	0.7548
Tl1908	190.856 {4	In2306	ppm	0.9585	0.0299	3.121	0.9796	0.9373
V_2924	292.402 {1	Y_3600	ppm	0.7581	0.0052	0.6898	0.7618	0.7544
Zn2062	206.200 {4	In2306	ppm	0.921	0.0229	2.486	0.9372	0.9048

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	133.06	1.8843	1.4161	134.39	131.73
In2306	230.606 {4	Cts/S	7468.6	50.125	0.67115	7433.1	7504
Y_2243	224.306 {4	Cts/S	9932.5	78.115	0.78646	9877.2	9987.7

Y_3600	360.073 { 9	Cts/S	98315	113.08	0.11502	98235	98395
Y_3710	371.030 { 9	Cts/S	8718.5	24.294	0.27865	8701.4	8735.7

[Sample Header]
Method=ICP6500Metals_TRY3(v613)
SampleName=CCV 760843
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 10:51:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2244	0.0055	2.458	0.2283	0.2205
Al3082	308.215 {1	In2306	ppm	2.615	0.0066	0.2532	2.62	2.61
As1890	189.042 {4	Y_2243	ppm	0.5393	0.0085	1.569	0.5333	0.5453
B_2496	249.678 {1	Y_3710	ppm	0.4862	0.0173	3.558	0.474	0.4985
Ba4554	455.403 { 7	Y_3710	ppm	0.5113	0.0092	1.804	0.5048	0.5179
Be3130	313.042 {1	Y_3710	ppm	0.4932	0.0125	2.544	0.4843	0.502
Ca3158	315.887 {1	In2306	ppm	12.64	0.0007	0.0059	12.64	12.64
Ca3181	318.128 {1	In2306	ppm	12.13	0.1385	1.142	12.03	12.22
Cd2288	228.802 {4	Y_2243	ppm	0.505	0.0062	1.229	0.5006	0.5094
Co2286	228.616 {4	In2306	ppm	0.4597	0.007	1.515	0.4548	0.4646
Cr2677	267.716 {1	Y_3600	ppm	0.4243	0.0126	2.976	0.4333	0.4154
Cu3247	324.754 {1	Y_3600	ppm	0.4486	0.0134	2.981	0.458	0.4391
Fe2404	240.488 {1	In2306	ppm	2.458	0.0035	0.1416	2.456	2.461
K_7664	766.490 { 4	Y_3710	ppm	13.11	0.2502	1.909	12.93	13.29
K_7698	769.896 { 4	Y_3710	ppm	13.38	0.3006	2.247	13.16	13.59
Li6707	670.784 { 5	Y_3710	ppm	0.5842	0.009	1.545	0.5778	0.5906
Mg2790	279.079 {1	Y_3710	ppm	4.616	0.147	3.185	4.512	4.72
Mn2576	257.610 {1	Y_3600	ppm	0.4368	0.0138	3.17	0.4466	0.427
Mn2576-2	257.610 {1	Y_3710	ppm	0.5064	0.0128	2.532	0.4973	0.5155
Mo2020	202.030 {4	Y_2243	ppm	0.5769	0.007	1.209	0.572	0.5819
Na5895	589.592 { 5	Y_3710	ppm	14.12	0.2304	1.632	13.96	14.28
Na8183	818.326 { 4	Y_3710	ppm	13.07	0.1965	1.504	12.93	13.21
Ni2316	231.604 {4	In2306	ppm	0.4943	0.0079	1.597	0.4887	0.4999
P_1782	178.284 {4	In2306	ppm	0.0008	0.0034	424.2	-0.0016	0.0032
Pb2203	220.353 {4	In2306	ppm	0.4818	0.0059	1.229	0.4776	0.486
S_1820	182.034 {4	Y_2243	ppm	-881	1.221	0.1386	-880.1	-881.8
Sb2068	206.833 {4	Y_2243	ppm	0.57	0.0058	1.026	0.5659	0.5741
Se1960	196.090 {4	Y_2243	ppm	0.5711	0.0076	1.327	0.5657	0.5765
Si2516	251.611 {1	Y_3710	ppm	0.9817	0.0354	3.61	0.9567	1.007
Sn1899	189.989 {4	In2306	ppm	0.4378	0.0074	1.686	0.4326	0.443
Sr4215	421.552 { 8	Y_3710	ppm	0.2714	0.0055	2.027	0.2675	0.2753
Ti3349	334.904 {1	Y_3600	ppm	0.3912	0.0136	3.469	0.4008	0.3816
Tl1908	190.856 {4	In2306	ppm	0.5229	0.0075	1.441	0.5176	0.5283
V_2924	292.402 {1	Y_3600	ppm	0.3986	0.0128	3.215	0.4076	0.3895
Zn2062	206.200 {4	In2306	ppm	0.4532	0.007	1.555	0.4482	0.4582

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	143.56	0.0972	0.06771	143.63	143.49
In2306	230.606 {4	Cts/S	9868.8	147.97	1.4994	9973.4	9764.1

Y_2243	224.306 {4	Cts/S	11470	130.79	1.1402	11563	11378
Y_3600	360.073 { 9	Cts/S	115850	2487.7	2.1473	114090	117610
Y_3710	371.030 { 9	Cts/S	10081	198.63	1.9703	10222	9940.8

[Sample Header]
Method=ICP6500Metals_TRY3(v613)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 10:54:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0003	72.48	0.0002	0.0006
Al3082	308.215 {1	In2306	ppm	0.0016	0.026	1602	-0.0168	0.02
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0004	45.47	0.0006	0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0017	0.0036	208.3	0.0008	-0.0042
Ba4554	455.403 { 7	Y_3710	ppm	-0.0004	0	6.842	-0.0004	-0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	282.2	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.0044	0.0151	344.8	-0.0063	0.0151
Ca3181	318.128 {1	In2306	ppm	-0.0104	0.0353	337.9	0.0145	-0.0354
Cd2288	228.802 {4	Y_2243	ppm	0.0005	0.0005	113.4	0.0001	0.0009
Co2286	228.616 {4	In2306	ppm	0.0005	0.0005	113.6	0.0001	0.0009
Cr2677	267.716 {1	Y_3600	ppm	0	0.0001	220	0	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0008	0.0005	56.84	0.0011	0.0005
Fe2404	240.488 {1	In2306	ppm	0.0024	0.0001	2.57	0.0024	0.0023
K_7664	766.490 { 4	Y_3710	ppm	0.048	0.0231	48.12	0.0644	0.0317
K_7698	769.896 { 4	Y_3710	ppm	0.1352	0.0147	10.85	0.1455	0.1248
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0.0006	156.9	0	-0.0008
Mg2790	279.079 {1	Y_3710	ppm	-0.0039	0.0184	471.5	-0.0169	0.0091
Mn2576	257.610 {1	Y_3600	ppm	0	0	16.91	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0003	367.9	0.0003	-0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0.0011	72.96	0.0007	0.0023
Na5895	589.592 { 5	Y_3710	ppm	0.0293	0.0013	4.505	0.0302	0.0284
Na8183	818.326 { 4	Y_3710	ppm	0.1357	0.0234	17.26	0.1192	0.1523
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0004	272.6	-0.0001	0.0004
P_1782	178.284 {4	In2306	ppm	-0.0018	0	1.594	-0.0019	-0.0018
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0005	153.3	0	0.0006
S_1820	182.034 {4	Y_2243	ppm	-143.8	3.036	2.111	-145.9	-141.6
Sb2068	206.833 {4	Y_2243	ppm	0.0143	0.0015	10.4	0.0132	0.0153
Se1960	196.090 {4	Y_2243	ppm	-0.0008	0.0005	62.93	-0.0011	-0.0004
Si2516	251.611 {1	Y_3710	ppm	0.0147	0.0018	11.91	0.0135	0.016
Sn1899	189.989 {4	In2306	ppm	0.0008	0.001	123	0.0001	0.0015
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	160	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0001	18.54	0.0007	0.0005
Tl1908	190.856 {4	In2306	ppm	0.0017	0.001	60.92	0.001	0.0024
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0001	19.68	-0.0005	-0.0006
Zn2062	206.200 {4	In2306	ppm	0.0003	0.0005	185.9	-0.0001	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	143.49	3.7933	2.6437	146.17	140.8

In2306	230.606 {4	Cts/S	10361	142.53	1.3757	10462	10260
Y_2243	224.306 {4	Cts/S	11557	145.27	1.2569	11660	11455
Y_3600	360.073 { 9	Cts/S	115850	369.16	0.31865	115590	116110
Y_3710	371.030 { 9	Cts/S	10127	132.65	1.3098	10221	10034

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SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 10:57:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0004	106.9	0.0001	0.0006
Al3082	308.215 {1	In2306	ppm	-0.0242	0.0164	67.68	-0.0358	-0.0126
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0013	398.6	-0.0006	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.0008	0.004	515.3	0.0036	-0.002
Ba4554	455.403 { 7	Y_3710	ppm	-0.0006	0.0001	20.15	-0.0007	-0.0005
Be3130	313.042 {1	Y_3710	ppm	0	0	95.99	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0122	0.006	49.17	-0.008	-0.0164
Ca3181	318.128 {1	In2306	ppm	0.0878	0.0036	4.071	0.0904	0.0853
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	21.63	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	174.5	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0001	72.75	-0.0003	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0014	0.0001	5.291	0.0013	0.0014
Fe2404	240.488 {1	In2306	ppm	0.0071	0.0011	14.93	0.0078	0.0063
K_7664	766.490 { 4	Y_3710	ppm	0.0334	0.0047	13.99	0.0368	0.0301
K_7698	769.896 { 4	Y_3710	ppm	-0.4636	0.039	8.418	-0.4912	-0.436
Li6707	670.784 { 5	Y_3710	ppm	-0.0012	0	3.468	-0.0012	-0.0013
Mg2790	279.079 {1	Y_3710	ppm	-0.0365	0.0151	41.35	-0.0471	-0.0258
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	440.5	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0	8.537	0.0002	0.0001
Mo2020	202.030 {4	Y_2243	ppm	-0.0004	0	8.734	-0.0004	-0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0314	0.0022	7.006	0.0329	0.0298
Na8183	818.326 { 4	Y_3710	ppm	0.0759	0.1769	233	0.201	-0.0492
Ni2316	231.604 {4	In2306	ppm	-0.0007	0.0001	8.297	-0.0006	-0.0007
P_1782	178.284 {4	In2306	ppm	-0.0021	0.0001	5.667	-0.0021	-0.002
Pb2203	220.353 {4	In2306	ppm	0.0004	0.0005	125.1	0	0.0007
S_1820	182.034 {4	Y_2243	ppm	-106.1	6.147	5.796	-110.4	-101.7
Sb2068	206.833 {4	Y_2243	ppm	-0.0015	0.0022	144.2	0	-0.003
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0019	138.8	-0.0027	0
Si2516	251.611 {1	Y_3710	ppm	0.0263	0.0124	47.22	0.0175	0.035
Sn1899	189.989 {4	In2306	ppm	-0.0009	0.0001	12.02	-0.001	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	155.8	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0.0001	45.77	-0.0001	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0001	4.13	0.0017	0.0016
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0004	71.1	-0.0003	-0.0008
Zn2062	206.200 {4	In2306	ppm	-0.0005	0.0001	13.2	-0.0006	-0.0005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	151.81	4.3664	2.8762	154.9	148.72
In2306	230.606 {4	Cts/S	10654	1.0355	0.00972	10654	10655
Y_2243	224.306 {4	Cts/S	11752	9.9104	0.08433	11745	11759
Y_3600	360.073 { 9	Cts/S	116940	520.21	0.44486	117300	116570
Y_3710	371.030 { 9	Cts/S	10471	161.71	1.5443	10586	10357

[Sample Header]
Method=ICP6500Metals_TRY3(v613)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/13/2012 10:59:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0	12.63	0.0003	0.0004
Al3082	308.215 {1	In2306	ppm	0.0132	0.007	52.8	0.0181	0.0083
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0003	52.05	0.0009	0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0063	0.0024	38.39	0.0046	0.008
Ba4554	455.403 { 7	Y_3710	ppm	-0.0002	0.0001	84.05	-0.0003	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	3.934	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0223	0.0029	12.99	-0.0243	-0.0202
Ca3181	318.128 {1	In2306	ppm	0.0334	0.0585	175.3	-0.008	0.0747
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	0.2309	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	128.9	0.0002	0
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0001	34.5	-0.0002	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0011	0.0001	5.459	0.0011	0.0012
Fe2404	240.488 {1	In2306	ppm	0.0036	0.0072	196.7	0.0087	-0.0014
K_7664	766.490 { 4	Y_3710	ppm	0.0043	0.0109	251.9	-0.0034	0.0121
K_7698	769.896 { 4	Y_3710	ppm	-0.4705	0.0199	4.229	-0.4564	-0.4845
Li6707	670.784 { 5	Y_3710	ppm	-0.0009	0.0001	17.41	-0.0007	-0.001
Mg2790	279.079 {1	Y_3710	ppm	-0.0261	0.0163	62.61	-0.0145	-0.0377
Mn2576	257.610 {1	Y_3600	ppm	0	0	13.21	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0003	0.0002	60.52	-0.0004	-0.0002
Mo2020	202.030 {4	Y_2243	ppm	-0.0003	0.0001	22.42	-0.0004	-0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0218	0.0062	28.36	0.0261	0.0174
Na8183	818.326 { 4	Y_3710	ppm	0.5459	0.0715	13.1	0.5965	0.4953
Ni2316	231.604 {4	In2306	ppm	-0.0007	0.0001	18.22	-0.0006	-0.0008
P_1782	178.284 {4	In2306	ppm	-0.0024	0.0006	25.5	-0.0028	-0.002
Pb2203	220.353 {4	In2306	ppm	0.0004	0.0008	177.3	0.001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-89.66	0.0369	0.0412	-89.69	-89.63
Sb2068	206.833 {4	Y_2243	ppm	-0.0022	0.0007	33.71	-0.0027	-0.0016
Se1960	196.090 {4	Y_2243	ppm	-0.0004	0.0002	47.25	-0.0003	-0.0006
Si2516	251.611 {1	Y_3710	ppm	0.0047	0.0042	89.42	0.0076	0.0017
Sn1899	189.989 {4	In2306	ppm	-0.0009	0.0001	11.27	-0.0009	-0.001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	369	0	0
Ti3349	334.904 {1	Y_3600	ppm	0	0.0003	752.3	0.0001	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0015	0.0001	9.206	0.0014	0.0016
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0	3.437	-0.0006	-0.0006
Zn2062	206.200 {4	In2306	ppm	-0.0006	0	2.53	-0.0006	-0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	148.24	1.1602	0.78265	147.42	149.06
In2306	230.606 {4	Cts/S	10680	62.34	0.58371	10724	10636
Y_2243	224.306 {4	Cts/S	11806	59.12	0.50074	11848	11765
Y_3600	360.073 { 9	Cts/S	115460	488.77	0.42334	115800	115110
Y_3710	371.030 { 9	Cts/S	10250	8.0708	0.07874	10244	10256

Method: 20076010 01/10/12 07:19:54 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A011012	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/10/12 07:30:43 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/10/12 07:27:20

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01137	.00225	-.00060	.00026	-.03090	.00137	.00278
SDev	.00012	.00048	.00152	.00020	.00100	.00059	.00062
%RSD	1.0255	21.312	254.64	76.176	3.2396	43.074	22.259
#1	.01146	.00259	.00048	.00040	-.03019	.00179	.00322
#2	.01129	.00191	-.00167	.00012	-.03161	.00095	.00235

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00602	.00008	-.00085	.00672	.00046	.05080	.02535
SDev	.00003	.00039	.00003	.00034	.00115	.00010	.00021
%RSD	.43019	494.56	3.3254	5.0574	252.02	.20260	.81298
#1	.00601	.00036	-.00088	.00696	.00127	.05087	.02550
#2	.00604	-.00020	-.00083	.00648	-.00036	.05073	.02520

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00008	-.00058	-.00231	.36966	.05378	-.00028	-.00260
SDev	.00006	.00008	.00090	.00070	.00044	.00022	.00009
%RSD	70.738	14.594	39.047	.18869	.82077	80.837	3.2752
#1	.00012	-.00052	-.00294	.37015	.05409	-.00044	-.00266
#2	.00004	-.00064	-.00167	.36917	.05347	-.00012	-.00254

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.15294	.00344	-.00143	-.00155	-.00334	.00002	-.00048
SDev	.00051	.00048	.00034	.00017	.00056	.00008	.00045
%RSD	.33072	13.933	23.606	10.842	16.800	423.97	94.261
#1	.15330	.00378	-.00167	-.00143	-.00294	.00008	-.00016
#2	.15258	.00310	-.00119	-.00167	-.00374	-.00004	-.00080

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00660	.00117	-.00978	.00704

SDev	.00000	.00228	.00140	.00062
%RSD	.03655	194.19	14.336	8.7525
#1	.00660	-.00044	-.00879	.00660
#2	.00660	.00278	-.01077	.00747

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25148	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0365539	--	--	--	--	--	--
#1	25141	--	--	--	--	--	--
#2	25154	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/10/12 07:30:57

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.1984	1.2317	1.2391	17.868	23.036	7.8785	12.928
SDev	.0014	.0017	.0049	.003	.025	.0016	.004
%RSD	.11964	.13484	.39528	.01639	.11043	.02032	.03080
#1	1.1995	1.2305	1.2356	17.870	23.018	7.8774	12.925
#2	1.1974	1.2329	1.2425	17.866	23.054	7.8796	12.930

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.8644	2.4338	1.4513	1.8619	5.0775	23.856	1.3027
SDev	.0012	.0013	.0012	.0008	.0028	.011	.0002
%RSD	.04079	.05316	.08060	.04545	.05510	.04491	.01757
#1	2.8653	2.4329	1.4505	1.8613	5.0755	23.864	1.3025
#2	2.8636	2.4347	1.4521	1.8625	5.0795	23.849	1.3029

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.1390	1.9936	5.5458	3.2072	1.0765	.99112	.16835
SDev	.0005	.0042	.0241	.0017	.0100	.00105	.00006
%RSD	.02252	.20933	.43472	.05261	.93053	.10647	.03865
#1	2.1386	1.9907	5.5629	3.2060	1.0836	.99186	.16840
#2	2.1393	1.9966	5.5288	3.2084	1.0694	.99037	.16830

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.109	54.470	.38129	2.8343	13.824	.65018	3.7026
SDev	.018	.066	.00008	.0016	.002	.00018	.0008
%RSD	.08901	.12046	.02135	.05500	.01246	.02769	.02025
#1	20.122	54.516	.38124	2.8332	13.823	.65030	3.7031
#2	20.097	54.423	.38135	2.8354	13.825	.65005	3.7020

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.2970	8.3817	1.3762	1.2017
SDev	.0073	.0366	.0049	.0044
%RSD	.17018	.43641	.35715	.36744
#1	4.3022	8.3558	1.3796	1.1986
#2	4.2918	8.4075	1.3727	1.2048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24992	--	--	--	--	--	--
SDev	55.86144	--	--	--	--	--	--
%RSD	.2235128	--	--	--	--	--	--
#1	24953	--	--	--	--	--	--
#2	25032	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	16.8482	-.191614	01/10/12 07:30:57
Sb2068	206.838	STD	S0	1.63217	-.003667	01/10/12 07:30:57
As1890	189.042	STD	S0	1.59774	.000953	01/10/12 07:30:57
Ba4934	493.409	STD	S0	.111934	-.000029	01/10/12 07:30:57
Be3130	313.042	STD	S0	.043379	.001340	01/10/12 07:30:57
B_2496	249.678	STD	S0	.253900	-.000348	01/10/12 07:30:57
Cd2265	226.502	STD	S0	.077524	-.000216	01/10/12 07:30:57
Ca3179	317.933	STD	S0	6.99688	-.042152	01/10/12 07:30:57
Cr2677	267.716	STD	S0	.821784	-.000065	01/10/12 07:30:57
Co2286	228.616	STD	S0	1.37725	.001177	01/10/12 07:30:57
Cu3247	324.753	STD	S0	1.07749	-.007241	01/10/12 07:30:57
Fe2714	271.441	STD	S0	3.77623	-.001728	01/10/12 07:30:57
Li6707	670.784	STD	S0	.084015	-.004268	01/10/12 07:30:57
Pb2203	220.353		NONE	.000000	.000000	*01/10/12 07:30:57
Se1960	196.026		NONE	.000000	.000000	*01/10/12 07:30:57
Mg2790	279.078	STD	S0	15.6575	-.396926	01/10/12 07:30:57
Mn2576	257.610	STD	S0	.935246	-.000074	01/10/12 07:30:57
Mo2020	202.030	STD	S0	1.00291	.000578	01/10/12 07:30:57
Ni2316	231.604	STD	S0	.360483	.000831	01/10/12 07:30:57
K_7664	766.491	STD	S0	7.04841	-2.60551	01/10/12 07:30:57
Si2881	288.158	STD	S0	1.93762	-.104211	01/10/12 07:30:57
Ag3280	328.068	STD	S0	1.00895	.000281	01/10/12 07:30:57
Na3302	330.232	STD	S0	116.990	.304717	01/10/12 07:30:57
Na5889	588.995	STD	S0	1.00219	-.153273	01/10/12 07:30:57
Sr4215	421.552	STD	S0	.018369	-.000063	01/10/12 07:30:57
Tl1908	190.864	STD	S0	5.24250	.007505	01/10/12 07:30:57
Sn1899	189.989	STD	S0	.705264	.001094	01/10/12 07:30:57
Ti3349	334.941	STD	S0	.144641	.000483	01/10/12 07:30:57
V_2924	292.402	STD	S0	3.04671	-.000061	01/10/12 07:30:57
Zn2138	213.856	STD	S0	.540761	.000258	01/10/12 07:30:57
2203/1	220.351	STD	S0	.468878	-.003095	01/10/12 07:30:57
2203/2	220.352	STD	S0	.237756	-.000279	01/10/12 07:30:57
1960/1	196.021	STD	S0	1.44487	.014134	01/10/12 07:30:57
1960/2	196.022	STD	S0	1.67064	-.011759	01/10/12 07:30:57

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	.000000	-.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/10/12 07:34:20 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/10/12 07:34:20 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/10/12 07:38:54 AM page 1

Method: 20076010 Sample Name: S2-met1211cal_00001 Operator: SRP
Run Time: 01/10/12 07:35:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.922	1.9899	1.9950	1.9887	1.0031	1.9953	.99624

SDev	.061	.0056	.0115	.0059	.0028	.0083	.00278
%RSD	.30658	.28199	.57772	.29690	.27467	.41535	.27929
#1	19.965	1.9939	2.0032	1.9929	1.0050	2.0012	.99820
#2	19.879	1.9860	1.9869	1.9846	1.0011	1.9895	.99427

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.924	1.9929	1.9958	1.9908	19.912	1.9864	1.9952
SDev	.067	.0072	.0078	.0048	.076	.0081	.0060
%RSD	.33418	.36337	.39049	.24067	.38077	.40659	.30319
#1	19.971	1.9981	2.0013	1.9942	19.966	1.9921	1.9995
#2	19.877	1.9878	1.9903	1.9874	19.858	1.9807	1.9909

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0050	19.958	1.9927	1.9996	1.9608	19.862	1.9688
SDev	.0026	.062	.0071	.0029	.0077	.093	.0116
%RSD	.12863	.31240	.35432	.14471	.39519	.46710	.58998
#1	2.0068	20.002	1.9977	2.0016	1.9663	19.928	1.9770
#2	2.0031	19.914	1.9877	1.9975	1.9554	19.796	1.9606

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99491	19.750	19.868	.98974	1.9884	1.9969	1.9891
SDev	.00426	.040	.080	.00346	.0045	.0088	.0061
%RSD	.42780	.20241	.40057	.34937	.22789	.43944	.30720
#1	.99792	19.778	19.924	.99218	1.9852	2.0031	1.9935
#2	.99190	19.722	19.812	.98729	1.9916	1.9907	1.9848

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9914	1.9947	1.9930	1.9963	2.0013	2.0068
SDev	.0078	.0065	.0064	.0059	.0021	.0028
%RSD	.39335	.32502	.31947	.29507	.10396	.14092
#1	1.9969	1.9993	1.9975	2.0005	2.0028	2.0088
#2	1.9859	1.9901	1.9885	1.9921	1.9998	2.0048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25092	--	--	--	--	--	--
SDev	64.34672	--	--	--	--	--	--
%RSD	.2564483	--	--	--	--	--	--

#1	25046	--	--	--	--	--	--
#2	25137	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 07:38:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4560	.49312	.49683	.49213	.50689	.49309	.49666
SDev	.0014	.00338	.00049	.00041	.00097	.00095	.00131
%RSD	.05617	.68641	.09955	.08260	.19199	.19215	.26479
#1	2.4551	.49073	.49648	.49241	.50758	.49376	.49759
#2	2.4570	.49551	.49718	.49184	.50621	.49242	.49573

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.439	.49630	.50018	.49835	2.4795	.46314	.49566
SDev	.030	.00051	.00059	.00003	.0188	.00063	.00228
%RSD	.24107	.10269	.11783	.00691	.75672	.13662	.45899
#1	12.460	.49666	.50060	.49837	2.4928	.46359	.49726
#2	12.417	.49594	.49976	.49832	2.4663	.46269	.49405

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50625	4.9693	.49071	.50813	.48274	11.804	.92987
SDev	.00196	.0181	.00072	.00048	.00026	.016	.00450
%RSD	.38726	.36495	.14712	.09507	.05462	.13524	.48358
#1	.50486	4.9821	.49122	.50779	.48293	11.815	.93305
#2	.50764	4.9565	.49020	.50847	.48256	11.792	.92669

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24554	12.282	11.691	.24566	.50078	.51250	.49928
SDev	.00065	.061	.012	.00022	.00436	.00283	.00132
%RSD	.26352	.49559	.10231	.08872	.87136	.55267	.26503
#1	.24600	12.325	11.700	.24581	.49769	.51451	.50021
#2	.24509	12.239	11.683	.24550	.50386	.51050	.49834

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49943	.50543	.49415	.49641	.50607	.50640
SDev	.00121	.00077	.00194	.00244	.00140	.00224
%RSD	.24309	.15231	.39211	.49228	.27686	.44235
#1	.50029	.50598	.49552	.49813	.50508	.50481
#2	.49857	.50489	.49278	.49468	.50706	.50798

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/10/12 07:42:46 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25288	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1258272	--	--	--	--	--	--
#1	25266	--	--	--	--	--	--
#2	25311	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/10/12 07:42:50

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00241	.00109	.00344	.00031	.00026	.00185	.00011
SDev	.00499	.00202	.00042	.00016	.00010	.00080	.00042
%RSD	207.10	185.22	12.080	50.579	35.749	43.207	378.58
#1	.00594	.00252	.00374	.00042	.00033	.00242	.00041
#2	-.00112	-.00034	.00315	.00020	.00020	.00129	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01171	.00039	-.00004	.00073	-.00627	.00039	.00103
SDev	.00314	.00055	.00049	.00057	.03092	.00016	.00038
%RSD	26.778	141.75	1189.8	78.030	493.24	40.854	36.564
#1	.01392	.00078	.00031	.00114	.01559	.00051	.00076
#2	.00949	-.00000	-.00039	.00033	-.02813	.00028	.00129

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	-.00148	.00028	.00396	-.00018	-.04520	.00221
SDev	.00042	.00897	.00018	.00155	.00077	.04681	.00226
%RSD	54.919	606.91	66.523	39.142	423.03	103.58	102.26
#1	-.00047	.00487	.00041	.00505	.00036	-.01209	.00381
#2	-.00107	-.00782	.00015	.00286	-.00073	-.07830	.00061

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	-.14657	.00128	.00014	.00039	-.00096	.00042
SDev	.00067	.03730	.00429	.00008	.00274	.00184	.00030
%RSD	214.16	25.447	335.43	55.350	702.85	191.94	70.703
#1	.00016	-.12020	.00432	.00019	.00233	.00034	.00063
#2	-.00079	-.17294	-.00176	.00009	-.00155	-.00226	.00021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00032	.00200	.00054	.00037	-.00134
SDev	.00061	.00015	.00277	.00082	.00107	.00010
%RSD	384.67	45.542	138.07	152.48	289.67	7.1960
#1	.00059	.00043	.00005	.00112	.00113	-.00127

#2	-.00027	.00022	.00396	-.00004	-.00039	-.00140

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25401	--	--	--	--	--	--
SDev	100.4092	--	--	--	--	--	--
%RSD	.3952961	--	--	--	--	--	--
#1	25330	--	--	--	--	--	--
#2	25472	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/10/12 07:46:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09800	.01256	.01140	.01035	.00534	.01152	.00535
SDev	.00178	.00090	.00232	.00012	.00009	.00052	.00008
%RSD	1.8131	7.1379	20.405	1.1102	1.6913	4.5503	1.5697
#1	.09925	.01320	.00975	.01043	.00541	.01189	.00541
#2	.09674	.01193	.01304	.01027	.00528	.01115	.00529

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10699	.01132	.01077	.01124	.12488	.00903	.01021
SDev	.00389	.00027	.00004	.00011	.00426	.00021	.00081
%RSD	3.6368	2.4012	.37946	1.0096	3.4138	2.2851	7.8901
#1	.10974	.01151	.01074	.01132	.12789	.00918	.01078
#2	.10424	.01113	.01080	.01116	.12186	.00888	.00964

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01133	.10955	.01056	.01228	.01066	.57195	.01245
SDev	.00102	.00699	.00014	.00005	.00026	.04393	.00091
%RSD	9.0205	6.3794	1.2748	.40079	2.4135	7.6809	7.2848
#1	.01205	.11449	.01065	.01224	.01085	.60302	.01309
#2	.01060	.10461	.01046	.01231	.01048	.54089	.01181

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00526	.67638	.52695	.00499	.00820	.01277	.01059
SDev	.00010	.01344	.00444	.00006	.00132	.00115	.00019
%RSD	1.8056	1.9873	.84232	1.1540	16.127	9.0038	1.8464
#1	.00532	.66687	.53009	.00503	.00913	.01195	.01072
#2	.00519	.68588	.52381	.00495	.00726	.01358	.01045

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01052	.01064	.01107	.00978	.00851	.01273

SDev	.00008	.00014	.00001	.00121	.00250	.00028
%RSD	.76720	1.3208	.07841	12.398	29.330	2.2315
#1	.01058	.01074	.01106	.01064	.01028	.01293
#2	.01046	.01054	.01107	.00892	.00675	.01253

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25336	--	--	--	--	--	--
SDev	196.5757	--	--	--	--	--	--
%RSD	.7758750	--	--	--	--	--	--
#1	25197	--	--	--	--	--	--

#2	25475	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/10/12 07:50:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	499.64	.00228	.00006	.00170	-.00005	-.00175	.00253
SDev	.54	.00048	.00392	.00002	.00004	.00040	.00020
%RSD	.10830	20.911	6298.7	1.1709	78.128	22.783	7.7883
#1	500.02	.00262	-.00271	.00172	-.00008	-.00203	.00267
#2	499.26	.00194	.00283	.00169	-.00002	-.00147	.00240

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	450.65	.00138	.00058	.01390	191.10	.00447	.00867
SDev	.59	.00048	.00076	.00010	.21	.00006	.00083
%RSD	.13009	34.589	130.47	.74143	.10919	1.2383	9.5320
#1	450.24	.00104	.00112	.01383	191.25	.00451	.00808
#2	451.07	.00171	.00005	.01398	190.96	.00443	.00925

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01024	512.28	-.00770	.00041	.00127	.07957	.01409
SDev	.00386	.31	.00001	.00111	.00066	.00752	.00147
%RSD	37.681	.06046	.12084	272.81	52.260	9.4465	10.467
#1	-.00751	512.06	-.00769	.00119	.00174	.07426	.01304
#2	-.01297	512.50	-.00771	-.00038	.00080	.08489	.01513

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.17051	.15975	-.00890	-.01928	.00487	-.00255
SDev	.00083	.14673	.00002	.00001	.00558	.00616	.00001
%RSD	651.06	86.053	.01066	.09926	28.920	126.51	.50196
#1	.00072	.27427	.15976	-.00890	-.01534	.00923	-.00254
#2	-.00046	.06676	.15974	-.00891	-.02323	.00051	-.00256

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	.00212	-.08700	.05650	.00376	-.01725
SDev	.00036	.00013	.00340	.00294	.00002	.00580
%RSD	12.012	6.1973	3.9050	5.1999	.45812	33.619
#1	.00273	.00202	-.08460	.05443	.00375	-.01315
#2	.00323	.00221	-.08940	.05858	.00378	-.02135

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23080	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.1623737	--	--	--	--	--	--

#1	23054	--	--	--	--	--	--
#2	23107	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/10/12 07:54:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	507.74	1.0044	1.0042	1.0058	.48721	1.0208	.47133
SDev	.39	.0012	.0027	.0001	.00014	.0004	.00020
%RSD	.07591	.12113	.26823	.00899	.02807	.04171	.04320
#1	507.47	1.0036	1.0061	1.0059	.48731	1.0211	.47147
#2	508.02	1.0053	1.0023	1.0057	.48712	1.0205	.47119

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	457.96	.95466	.92991	1.0817	199.46	1.2179	.96147
SDev	.39	.00057	.00064	.0023	.17	.0016	.00207
%RSD	.08435	.05972	.06927	.21223	.08696	.13027	.21510
#1	458.24	.95426	.93037	1.0801	199.58	1.2168	.96293
#2	457.69	.95506	.92946	1.0833	199.33	1.2190	.96001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99200	520.98	.94424	.96923	.90059	13.775	.95430
SDev	.00435	.12	.00093	.00139	.00257	.019	.00006
%RSD	.43820	.02358	.09905	.14341	.28556	.14136	.00645
#1	.98893	521.07	.94490	.96825	.90240	13.761	.95434
#2	.99508	520.90	.94358	.97022	.89877	13.789	.95425

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52686	12.171	13.628	.48532	.91323	.98756	.97573
SDev	.00042	.071	.012	.00016	.00165	.01002	.00031

%RSD	.07986	.58643	.08695	.03221	.18044	1.0143	.03216
#1	.52656	12.222	13.620	.48544	.91206	.99464	.97595
#2	.52716	12.121	13.637	.48521	.91440	.98047	.97550

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97290	.99378	.85995	1.0122	1.0074	.98430
SDev	.00007	.00162	.00031	.0029	.0056	.00373
%RSD	.00773	.16327	.03610	.29114	.55333	.37929
#1	.97284	.99492	.86017	1.0143	1.0035	.98166
#2	.97295	.99263	.85973	1.0101	1.0113	.98694

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23128	--	--	--	--	--	--

SDev	27.57716	--	--	--	--	--	--
%RSD	.1192345	--	--	--	--	--	--
#1	23109	--	--	--	--	--	--
#2	23148	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 07:58:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5343	.49660	.50145	.49302	.51458	.49859	.50066
SDev	.0116	.00344	.00162	.00068	.00129	.00089	.00216
%RSD	.45862	.69175	.32326	.13763	.25077	.17866	.43208
#1	2.5261	.49902	.50260	.49350	.51549	.49922	.50219
#2	2.5425	.49417	.50031	.49254	.51366	.49796	.49913

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.611	.50270	.50730	.50311	2.5219	.46512	.50239
SDev	.027	.00145	.00153	.00034	.0185	.00088	.00052
%RSD	.21300	.28924	.30227	.06854	.73228	.18994	.10402
#1	12.630	.50373	.50839	.50336	2.5350	.46575	.50276
#2	12.592	.50167	.50622	.50287	2.5089	.46450	.50202

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50859	5.1137	.49611	.50942	.49034	11.900	.93852
SDev	.00060	.0021	.00167	.00030	.00204	.028	.00256
%RSD	.11816	.04144	.33699	.05856	.41625	.23491	.27291
#1	.50817	5.1122	.49730	.50963	.49178	11.919	.94033
#2	.50902	5.1152	.49493	.50921	.48890	11.880	.93671

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24691	12.475	11.742	.24578	.49862	.51709	.50379
SDev	.00095	.059	.017	.00041	.00062	.00271	.00115
%RSD	.38401	.47521	.14437	.16560	.12428	.52336	.22855
#1	.24758	12.517	11.754	.24607	.49906	.51900	.50460
#2	.24624	12.433	11.730	.24549	.49819	.51517	.50297

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50503	.50949	.50118	.50300	.51414	.50588
SDev	.00128	.00137	.00110	.00023	.00118	.00149
%RSD	.25442	.26806	.21894	.04676	.22970	.29490
#1	.50594	.51045	.50196	.50317	.51497	.50482
#2	.50412	.50852	.50040	.50283	.51330	.50693

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	24930	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1872003	--	--	--	--	--	--
#1	24897	--	--	--	--	--	--
#2	24963	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 08:02:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01062	.00085	.00137	.00023	.00027	.00130	.00011
SDev	.00258	.00110	.00139	.00002	.00001	.00056	.00005
%RSD	24.269	128.63	101.41	6.9264	2.7607	42.782	47.746
#1	.01244	.00163	.00235	.00024	.00026	.00169	.00007
#2	.00879	.00008	.00039	.00022	.00027	.00091	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02191	.00042	.00025	.00109	.00631	-.00009	.00038
SDev	.00091	.00037	.00023	.00022	.01304	.00001	.00051
%RSD	4.1470	87.199	92.317	20.119	206.77	13.433	134.13
#1	.02126	.00068	.00009	.00125	-.00291	-.00008	.00002
#2	.02255	.00016	.00042	.00094	.01553	-.00009	.00074

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	.01053	.00018	.00334	.00017	-.05045	.00127
SDev	.00027	.00307	.00000	.00026	.00035	.01501	.00071
%RSD	26.414	29.172	.12154	7.6588	210.01	29.747	56.059

#1	-.00120	.01270	.00018	.00352	-.00008	-.03984	.00178
#2	-.00082	.00836	.00018	.00315	.00042	-.06106	.00077

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.09090	-.00157	.00011	-.00027	.00157	.00038
SDev	.00040	.06259	.00025	.00000	.00278	.00095	.00011
%RSD	249.88	68.855	15.896	2.9772	1032.5	60.366	28.910
#1	-.00044	-.13516	-.00139	.00011	.00170	.00090	.00045
#2	.00012	-.04665	-.00175	.00011	-.00223	.00224	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00001	.00233	-.00060	.00210	-.00257
SDev	.00026	.00011	.00152	.00001	.00175	.00047
%RSD	94.747	933.87	64.992	.96267	83.199	18.409
#1	.00046	-.00006	.00126	-.00060	.00087	-.00224
#2	.00009	.00009	.00340	-.00059	.00334	-.00291

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25286	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.1090632	--	--	--	--	--	--
#1	25266	--	--	--	--	--	--
#2	25305	--	--	--	--	--	--

Analysis Report 01/10/12 08:11:04 AM page 1

Method: 20076010 Sample Name: mb 600-69654/1-a Operator: SRP
Run Time: 01/10/12 08:07:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00446	.00005	-.00104	.00104	.00044	.00170	.00008
SDev	.00406	.00351	.00131	.00024	.00012	.00092	.00036
%RSD	90.872	7246.1	125.81	23.071	26.664	54.173	468.02
#1	-.00160	.00253	-.00011	.00121	.00053	.00235	.00033
#2	-.00733	-.00243	-.00196	.00087	.00036	.00105	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02407	.00028	-.00002	.00165	-.00686	.00009	.00025
SDev	.00307	.00062	.00062	.00075	.02772	.00013	.00018
%RSD	12.747	225.01	2723.4	45.133	404.23	140.89	72.769
#1	.02624	.00072	.00041	.00218	.01275	.00019	.00012
#2	.02190	-.00016	-.00046	.00113	-.02646	.00000	.00039

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	-.00010	.00050	.00157	.00046	-.03760	.00256
SDev	.00172	.00486	.00018	.00084	.00038	.03452	.00386
%RSD	673.41	5090.9	36.560	53.574	83.447	91.810	150.64
#1	.00147	.00334	.00063	.00217	.00073	-.01319	.00529
#2	-.00096	-.00353	.00037	.00098	.00019	-.06200	-.00017

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	-.10766	.01827	.00019	-.00308	.00105	.00037
SDev	.00051	.10525	.00407	.00010	.00118	.00065	.00039
%RSD	98.217	97.755	22.242	50.552	38.362	61.936	103.96
#1	-.00016	-.03324	.02115	.00026	-.00225	.00059	.00065
#2	-.00088	-.18208	.01540	.00012	-.00392	.00151	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00287	.00178	-.00051	.00524	-.00224
SDev	.00078	.00006	.00063	.00004	.00029	.00243
%RSD	574.52	1.9011	35.148	6.8929	5.5776	108.74
#1	.00068	.00291	.00134	-.00048	.00544	-.00052
#2	-.00041	.00283	.00223	-.00053	.00503	-.00395

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25252	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.1008072	--	--	--	--	--	--

#1	25270	--	--	--	--	--	--
#2	25234	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69654/2-a Operator: SRP
Run Time: 01/10/12 08:11:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9313	.98423	1.0076	.99739	.51329	.99959	.49892
SDev	.0334	.00517	.0036	.00318	.00204	.00288	.00248
%RSD	.33647	.52541	.35559	.31841	.39759	.28863	.49599
#1	9.9549	.98788	1.0101	.99964	.51473	1.0016	.50067
#2	9.9076	.98057	1.0050	.99515	.51185	.99755	.49717

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.084	1.0065	1.0186	1.0136	10.081	.45788	1.0004
SDev	.043	.0041	.0036	.0040	.047	.00123	.0039
%RSD	.42801	.40529	.35161	.39033	.46487	.26914	.38682
#1	10.115	1.0094	1.0211	1.0164	10.114	.45875	1.0032
#2	10.054	1.0036	1.0161	1.0108	10.048	.45701	.99769

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0300	10.081	.99531	1.0189	.98775	9.7680	.92294
SDev	.0004	.042	.00387	.0031	.00277	.0245	.00244
%RSD	.03915	.41721	.38905	.30814	.28032	.25071	.26454
#1	1.0297	10.111	.99805	1.0211	.98971	9.7853	.92466
#2	1.0303	10.051	.99257	1.0167	.98580	9.7507	.92121

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50413	9.4810	9.4995	.49183	.99600	1.0216	1.0040
SDev	.00175	.0348	.0152	.00185	.00336	.0027	.0039
%RSD	.34727	.36680	.16054	.37698	.33734	.26210	.39147
#1	.50537	9.4564	9.5103	.49314	.99837	1.0235	1.0068
#2	.50289	9.5056	9.4887	.49052	.99362	1.0198	1.0012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0123	1.0115	.99964	1.0008	1.0311	1.0294
SDev	.0031	.0047	.00398	.0038	.0009	.0002
%RSD	.30681	.46841	.39865	.38090	.08685	.01526

#1	1.0145	1.0149	1.0025	1.0035	1.0304	1.0293
#2	1.0101	1.0082	.99682	.99812	1.0317	1.0295

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/10/12 08:14:55 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25046	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1609275	--	--	--	--	--	--
#1	25017	--	--	--	--	--	--
#2	25074	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-69597/1-c Operator: SRP
Run Time: 01/10/12 08:14:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00249	.00156	.00131	.00466	.00019	.00838	-.00021
SDev	.00269	.00035	.00241	.00005	.00001	.00039	.00019
%RSD	108.33	22.451	184.41	.95845	5.7807	4.6238	89.568
#1	-.00058	.00180	.00302	.00469	.00020	.00865	-.00034
#2	-.00439	.00131	-.00040	.00463	.00018	.00811	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12673	.00060	-.00010	.06282	.01118	-.00022	-.00037
SDev	.00059	.00023	.00008	.00048	.00203	.00006	.00115
%RSD	.46660	38.037	80.815	.77035	18.134	29.651	311.34
#1	.12715	.00077	-.00016	.06316	.00974	-.00017	-.00118
#2	.12631	.00044	-.00004	.06248	.01261	-.00026	.00044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.00260	.00245	.00389	-.00004	-.08263	.01206
SDev	.00154	.00573	.00004	.00129	.00012	.04139	.00192
%RSD	803.60	220.43	1.7557	33.120	293.86	50.094	15.926
#1	-.00090	.00145	.00248	.00480	.00004	-.05336	.01342
#2	.00128	-.00665	.00242	.00298	-.00013	-.11190	.01070

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	168.14	128.70	.00038	.00099	.00183	.00052
SDev	.00020	.36	.52	.00005	.00148	.00039	.00013
%RSD	115.94	.21467	.40056	12.586	149.10	21.372	24.324
#1	-.00031	168.40	129.06	.00042	-.00005	.00211	.00061
#2	-.00003	167.89	128.34	.00035	.00204	.00156	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.02692	-.00155	.00022	.00459	-.00201

SDev	.00035	.00020	.00086	.00129	.00411	.00025
%RSD	77.664	.74038	55.696	580.30	89.413	12.634
#1	.00070	.02706	-.00216	-.00069	.00169	-.00219

#2	.00020	.02678	-.00094	.00114	.00750	-.00183

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25791	--	--	--	--	--	--
SDev	178.1909	--	--	--	--	--	--
%RSD	.6909034	--	--	--	--	--	--
#1	25665	--	--	--	--	--	--
#2	25917	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-1-e Operator: SRP
Run Time: 01/10/12 08:18:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07097	-.00019	.00061	.09745	.00017	.03022	-.00007
SDev	.00187	.00137	.00022	.00048	.00000	.00039	.00001
%RSD	2.6340	728.51	36.304	.48925	1.2267	1.2778	19.786
#1	.07229	.00078	.00077	.09779	.00016	.03050	-.00008
#2	.06965	-.00116	.00045	.09712	.00017	.02995	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.722	.00045	.00164	.00321	.04896	-.00019	.00018
SDev	.114	.00000	.00004	.00002	.00522	.00000	.00015
%RSD	.32906	.20091	2.3911	.56320	10.654	.07029	82.418
#1	34.802	.00045	.00167	.00322	.04527	-.00019	.00029
#2	34.641	.00045	.00161	.00319	.05265	-.00019	.00008

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00132	2.2522	.40527	.00165	.00147	.18341	.50900
SDev	.00153	.0138	.00147	.00000	.00036	.00057	.00496
%RSD	116.51	.61329	.36202	.11385	24.516	.31357	.97521
#1	-.00240	2.2620	.40631	.00165	.00122	.18382	.51251
#2	-.00023	2.2424	.40423	.00164	.00173	.18301	.50549

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	132.89	106.36	.07125	-.00326	.00290	.00234
SDev	.00008	.74	.45	.00033	.00148	.00165	.00002
%RSD	32.605	.55781	.42261	.46486	45.352	56.838	.82789
#1	-.00020	133.42	106.68	.07148	-.00431	.00173	.00235
#2	-.00031	132.37	106.04	.07101	-.00222	.00406	.00233

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00839	.00001	.00026	.00347	-.00371

Analysis Report 01/10/12 08:22:37 AM page 5

SDev	.00008	.00035	.00092	.00068	.00006	.00227
%RSD	33.050	4.1356	6218.8	260.34	1.7249	61.156
#1	.00020	.00814	-.00064	.00075	.00343	-.00531
#2	.00031	.00863	.00067	-.00022	.00352	-.00211

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25376	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1755472	--	--	--	--	--	--
#1	25345	--	--	--	--	--	--
#2	25408	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-2-e Operator: SRP
Run Time: 01/10/12 08:22:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00153	.00029	.00170	.12778	.00017	.01211	-.00006
SDev	.00010	.00069	.00058	.00023	.00001	.00025	.00013
%RSD	6.4426	234.97	34.361	.17713	8.2666	2.0324	214.53
#1	.00160	-.00019	.00128	.12794	.00018	.01228	.00003
#2	.00146	.00078	.00211	.12762	.00016	.01193	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.615	.00161	.00180	.00314	.17487	-.00018	-.00021
SDev	.104	.00002	.00019	.00002	.00593	.00001	.00017
%RSD	.15380	1.2278	10.618	.62870	3.3887	3.0053	80.127
#1	67.688	.00162	.00194	.00312	.17906	-.00019	-.00009
#2	67.541	.00160	.00167	.00315	.17068	-.00018	-.00033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	1.5626	.15851	.00127	.00372	-.02237	.17540
SDev	.00014	.0025	.00027	.00003	.00023	.00657	.00196
%RSD	31.033	.15810	.17015	2.1001	6.0875	29.362	1.1150
#1	-.00055	1.5609	.15870	.00129	.00388	-.02702	.17678
#2	-.00035	1.5644	.15832	.00125	.00356	-.01773	.17401

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	160.54	125.25	.06004	-.00505	.00236	.00035
SDev	.00020	.40	.37	.00010	.00032	.00093	.00008
%RSD	336.64	.25198	.29198	.17242	6.2785	39.165	21.647
#1	.00008	160.83	125.51	.06012	-.00482	.00302	.00030
#2	-.00020	160.26	124.99	.05997	-.00527	.00171	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.01271	.00028	-.00046	.00299	-.00217
SDev	.00009	.00003	.00007	.00029	.00188	.00073
%RSD	33.576	.19892	26.185	63.819	62.996	33.754
#1	.00031	.01270	.00023	-.00025	.00166	-.00165
#2	.00019	.01273	.00033	-.00067	.00432	-.00268

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25254	--	--	--	--	--	--
SDev	48.79037	--	--	--	--	--	--
%RSD	.1932024	--	--	--	--	--	--
#1	25288	--	--	--	--	--	--
#2	25219	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-3-e Operator: SRP
Run Time: 01/10/12 08:26:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01478	.00083	.00114	.10131	.00023	.03560	.00003
SDev	.00071	.00013	.00018	.00029	.00001	.00080	.00014
%RSD	4.8251	16.107	15.713	.28737	4.1923	2.2462	497.55
#1	.01529	.00093	.00102	.10152	.00024	.03616	-.00007
#2	.01428	.00074	.00127	.10111	.00023	.03503	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.352	-.00011	.00178	.00361	.01337	-.00021	.00039
SDev	.003	.00002	.00015	.00011	.00282	.00000	.00028
%RSD	.00878	20.112	8.7228	3.0061	21.079	1.0302	70.728
#1	34.354	-.00013	.00167	.00369	.01138	-.00021	.00059
#2	34.350	-.00010	.00189	.00353	.01537	-.00021	.00020

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00108	3.2524	.15505	.00131	.00253	.02032	.18366
SDev	.00178	.0006	.00001	.00014	.00034	.00097	.00212
%RSD	164.22	.01786	.00614	10.637	13.281	4.7666	1.1550
#1	-.00234	3.2520	.15506	.00141	.00229	.01964	.18516
#2	.00017	3.2528	.15505	.00121	.00276	.02101	.18216

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	155.49	121.71	.03687	-.00225	.00232	-.00003
SDev	.00028	.12	.09	.00005	.00043	.00103	.00001

%RSD	357.98	.08028	.07513	.14016	19.093	44.189	38.524
#1	-.00028	155.40	121.78	.03684	-.00255	.00305	-.00004
#2	.00012	155.57	121.65	.03691	-.00195	.00160	-.00002

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	.01539	.00114	.00002	.00180	-.00253
SDev	.00009	.00011	.00002	.00043	.00363	.00085
%RSD	24.878	.69969	1.5755	2302.2	201.53	33.805
#1	-.00029	.01531	.00113	.00032	-.00077	-.00313
#2	-.00041	.01546	.00116	-.00028	.00437	-.00192

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25224	--	--	--	--	--	--
SDev	28.28427	--	--	--	--	--	--
%RSD	.1121324	--	--	--	--	--	--
#1	25244	--	--	--	--	--	--
#2	25204	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-4-e Operator: SRP
Run Time: 01/10/12 08:30:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00307	-.00144	.00032	.12171	.00019	.05668	.00007
SDev	.00169	.00065	.00172	.00075	.00000	.00004	.00008
%RSD	55.046	45.057	542.05	.61468	1.3389	.06350	105.98
#1	-.00427	-.00098	-.00090	.12224	.00019	.05665	.00013
#2	-.00188	-.00190	.00153	.12118	.00019	.05671	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.763	.00028	.00076	.00279	.01710	.00025	-.00041
SDev	.335	.00012	.00004	.00005	.00448	.00001	.00050
%RSD	.52557	41.424	5.0289	1.7656	26.217	2.9554	122.51
#1	64.000	.00020	.00079	.00276	.02027	.00026	-.00076
#2	63.526	.00036	.00074	.00283	.01393	.00025	-.00005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00166	1.3468	.20234	.00230	.00240	.34783	1.4974
SDev	.00155	.0095	.00102	.00017	.00049	.00413	.0071
%RSD	93.417	.70489	.50488	7.4723	20.431	1.1889	.47556
#1	-.00056	1.3535	.20306	.00242	.00275	.35076	1.5024
#2	-.00276	1.3401	.20162	.00218	.00206	.34491	1.4923

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	148.64	117.91	.13921	-.00172	.00259	-.00002
SDev	.00023	1.04	.54	.00080	.00073	.00036	.00001
%RSD	142.75	.70223	.46065	.57766	42.331	13.929	75.831
#1	.00032	149.38	118.30	.13978	-.00121	.00284	-.00003
#2	-.00000	147.90	117.53	.13864	-.00224	.00233	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00264	.00811	-.00103	-.00009	.00052	-.00275
SDev	.00018	.00007	.00027	.00088	.00256	.00105
%RSD	6.6990	.84538	25.903	950.35	492.74	38.151
#1	.00277	.00807	-.00084	-.00072	.00233	-.00201
#2	.00252	.00816	-.00122	.00053	-.00129	-.00349

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25021	--	--	--	--	--	--
SDev	28.28427	--	--	--	--	--	--
%RSD	.1130421	--	--	--	--	--	--
#1	25001	--	--	--	--	--	--
#2	25041	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-5-d Operator: SRP
Run Time: 01/10/12 08:34:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00629	.00163	.00032	.11230	.00021	.01573	-.00005
SDev	.00012	.00087	.00036	.00021	.00000	.00040	.00013
%RSD	1.9106	53.465	113.09	.18562	.84401	2.5687	261.70
#1	-.00620	.00225	.00057	.11245	.00021	.01601	-.00015
#2	-.00637	.00102	.00006	.11215	.00020	.01544	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.024	.00031	.00167	.00272	.02235	-.00007	-.00022
SDev	.115	.00016	.00031	.00013	.01319	.00000	.00091
%RSD	.17476	52.158	18.558	4.6725	59.024	5.9102	423.65
#1	66.106	.00043	.00145	.00281	.01302	-.00008	-.00086
#2	65.943	.00020	.00189	.00263	.03167	-.00007	.00043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	3.1681	.31453	.00098	.00265	.41454	.18271
SDev	.00045	.0067	.00068	.00034	.00038	.00474	.00172
%RSD	48.188	.21221	.21563	34.657	14.234	1.1430	.94340

#1	-.00061	3.1728	.31501	.00074	.00292	.41789	.18149

#2	-.00124	3.1633	.31405	.00122	.00238	.41119	.18393
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	169.22	131.52	.07787	-.00155	.00151	-.00008
SDev	.00014	.02	.28	.00014	.00310	.00159	.00002
%RSD	140.41	.01210	.21030	.18096	199.30	104.94	31.693
#1	-.00000	169.24	131.72	.07797	.00064	.00039	-.00006
#2	-.00020	169.21	131.32	.07777	-.00374	.00264	-.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.01073	-.00081	.00008	.00459	-.00369
SDev	.00009	.00005	.00079	.00097	.00162	.00014
%RSD	68.006	.49152	97.047	1148.5	35.313	3.7949
#1	.00007	.01069	-.00137	-.00060	.00574	-.00379
#2	.00019	.01076	-.00026	.00077	.00345	-.00359

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25092	--	--	--	--	--	--
SDev	16.26346	--	--	--	--	--	--
%RSD	.0648166	--	--	--	--	--	--
#1	25080	--	--	--	--	--	--
#2	25103	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-7-d Operator: SRP
Run Time: 01/10/12 08:38:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00319	.00019	.00057	.09855	.00022	.04675	-.00005
SDev	.00139	.00175	.00317	.00019	.00001	.00071	.00004
%RSD	43.500	896.89	560.32	.19745	3.9809	1.5090	83.895
#1	-.00221	-.00104	-.00168	.09868	.00021	.04725	-.00002
#2	-.00417	.00143	.00281	.09841	.00022	.04625	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.456	.00007	.00052	.00280	.00870	-.00011	-.00048
SDev	.107	.00005	.00008	.00019	.00124	.00002	.00040
%RSD	.15232	69.815	14.861	6.8120	14.285	18.083	82.595
#1	70.532	.00003	.00057	.00267	.00782	-.00009	-.00020
#2	70.380	.00010	.00046	.00294	.00958	-.00012	-.00076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	1.0378	.09899	.00136	.00134	.13193	.56642
SDev	.00183	.0003	.00039	.00037	.00028	.00748	.00236
%RSD	3776.9	.02471	.39048	27.005	21.313	5.6723	.41719

#1	-.00124	1.0376	.09926	.00110	.00114	.13722	.56809
#2	.00134	1.0380	.09872	.00162	.00154	.12664	.56475

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	166.20	129.61	.08871	-.00096	.00258	-.00011
SDev	.00006	.41	.32	.00015	.00269	.00002	.00006
%RSD	45.567	.24513	.24605	.16373	280.57	.90760	51.798

#1	-.00008	166.49	129.83	.08882	-.00287	.00259	-.00007
#2	-.00016	165.91	129.38	.08861	.00094	.00256	-.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00494	-.00123	-.00011	.00297	-.00141
SDev	.00017	.00003	.00165	.00023	.00392	.00078
%RSD	39.733	.70813	134.10	213.62	131.65	55.250

#1	.00032	.00491	-.00006	-.00027	.00021	-.00197
#2	.00056	.00496	-.00240	.00005	.00574	-.00086

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24948	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.2295847	--	--	--	--	--	--

#1	24907	--	--	--	--	--	--
#2	24988	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-8-d Operator: SRP
Run Time: 01/10/12 08:41:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00866	.00083	-.00140	.10864	.00024	.03046	-.00012
SDev	.00073	.00146	.00049	.00003	.00001	.00068	.00008
%RSD	8.4443	175.94	35.218	.02604	1.9158	2.2157	66.272

#1	.00815	.00186	-.00175	.10862	.00024	.02999	-.00006
#2	.00918	-.00020	-.00105	.10866	.00025	.03094	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.816	.00040	.00139	.00413	.01830	-.00022	.00058
SDev	.201	.00020	.00015	.00037	.00329	.00001	.00001
%RSD	.30095	50.897	11.012	9.0094	17.969	6.1390	2.0599

#1	66.958	.00026	.00150	.00439	.02062	-.00021	.00059
#2	66.673	.00055	.00129	.00386	.01597	-.00023	.00057

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00117	.73523	.14011	.00131	.00609	.08355	.22699
SDev	.00236	.00204	.00022	.00031	.00001	.01552	.00050
%RSD	201.05	.27713	.15876	23.410	.07587	18.576	.22070
#1	-.00284	.73667	.14027	.00109	.00609	.09453	.22734
#2	.00049	.73379	.13996	.00153	.00609	.07258	.22663

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	152.43	120.39	.05059	-.00166	.00139	.00024
SDev	.00000	.49	.31	.00004	.00380	.00022	.00000
%RSD	.23821	.32066	.26038	.08168	229.35	15.608	1.8180
#1	-.00020	152.77	120.62	.05062	-.00435	.00154	.00023
#2	-.00020	152.08	120.17	.05056	.00103	.00123	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.01295	.00003	.00085	.00671	-.00512
SDev	.00017	.00003	.00315	.00160	.00198	.00255
%RSD	240.29	.21210	9041.1	186.97	29.483	49.847
#1	-.00005	.01297	-.00220	.00198	.00531	-.00692
#2	.00019	.01293	.00227	-.00027	.00811	-.00331

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25406	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.1029815	--	--	--	--	--	--
#1	25387	--	--	--	--	--	--
#2	25424	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 08:45:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4881	.48738	.49563	.49003	.50907	.48932	.49007
SDev	.0022	.00072	.00291	.00024	.00060	.00211	.00003
%RSD	.08863	.14869	.58660	.04826	.11845	.43173	.00690
#1	2.4866	.48687	.49358	.48986	.50864	.48782	.49009
#2	2.4897	.48790	.49769	.49020	.50950	.49081	.49004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.332	.49674	.50162	.50559	2.4591	.46697	.49150
SDev	.010	.00056	.00027	.00036	.0014	.00009	.00075
%RSD	.08094	.11168	.05377	.07123	.05812	.01880	.15307
#1	12.325	.49635	.50143	.50533	2.4602	.46691	.49203
#2	12.339	.49713	.50181	.50584	2.4581	.46703	.49097

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50742	4.9633	.48983	.49887	.49599	12.031	.92600
SDev	.00104	.0054	.00044	.00252	.00174	.003	.00126
%RSD	.20477	.10828	.08946	.50549	.35018	.02740	.13591
#1	.50815	4.9595	.48952	.49709	.49476	12.033	.92511
#2	.50668	4.9671	.49014	.50066	.49722	12.029	.92689

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24537	12.302	11.878	.24307	.48746	.51056	.50098
SDev	.00038	.006	.006	.00012	.00600	.00067	.00004
%RSD	.15312	.04733	.05175	.04977	1.2319	.13094	.00786
#1	.24511	12.306	11.874	.24298	.48322	.51103	.50095
#2	.24564	12.298	11.883	.24315	.49171	.51008	.50101

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50082	.49595	.49389	.49031	.51256	.50490
SDev	.00014	.00020	.00235	.00005	.00374	.00031
%RSD	.02844	.04046	.47620	.00967	.72937	.06151
#1	.50093	.49580	.49556	.49027	.51520	.50468
#2	.50072	.49609	.49223	.49034	.50991	.50512

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25520	--	--	--	--	--	--
SDev	56.56854	--	--	--	--	--	--
%RSD	.2216636	--	--	--	--	--	--
#1	25560	--	--	--	--	--	--
#2	25480	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 08:49:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	.00061	.00190	.00024	.00045	.00127	.00024
SDev	.00359	.00010	.00203	.00008	.00001	.00084	.00017

%RSD	1567.6	15.647	107.03	35.341	1.4744	66.226	69.114
#1	.00231	.00055	.00046	.00030	.00045	.00187	.00013
#2	-.00277	.00068	.00334	.00018	.00046	.00068	.00036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02212	.00059	.00080	.00145	.02859	-.00017	.00029
SDev	.00102	.00043	.00008	.00029	.00990	.00000	.00064
%RSD	4.5984	72.685	9.5739	20.034	34.643	.94771	220.75

#1	.02140	.00090	.00085	.00166	.02159	-.00017	-.00016
#2	.02284	.00029	.00075	.00125	.03559	-.00017	.00074

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00066	-.00655	.00020	.00213	.00068	-.11906	.00205
SDev	.00045	.00101	.00003	.00058	.00037	.00634	.00153
%RSD	67.940	15.398	12.809	27.335	54.045	5.3253	74.835
#1	-.00097	-.00584	.00022	.00254	.00042	-.11457	.00314
#2	-.00034	-.00727	.00018	.00172	.00094	-.12354	.00097

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.11228	-.00314	.00011	.00175	.00173	.00032
SDev	.00048	.09059	.00042	.00004	.00175	.00012	.00018
%RSD	53.220	80.675	13.230	35.754	99.695	6.8056	54.371
#1	.00056	.04823	-.00284	.00013	.00299	.00165	.00045
#2	.00123	.17634	-.00343	.00008	.00052	.00181	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00009	.00200	-.00057	.00216	-.00207
SDev	.00034	.00006	.00139	.00026	.00109	.00121
%RSD	172.91	72.016	69.727	46.203	50.361	58.734
#1	.00044	.00013	.00101	-.00075	.00293	-.00292
#2	-.00004	.00004	.00299	-.00038	.00139	-.00121

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25530	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.0747836	--	--	--	--	--	--
#1	25543	--	--	--	--	--	--
#2	25516	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-9-d Operator: SRP
Run Time: 01/10/12 08:53:28
Comment: TRACE 61E

Analysis Report 01/10/12 08:57:16 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00435	-.00076	.00012	.09499	.00036	.03550	-.00000
SDev	.00041	.00234	.00128	.00021	.00002	.00004	.00002
%RSD	9.5172	307.67	1086.3	.21755	4.4300	.12045	508.75
#1	-.00405	-.00241	.00102	.09513	.00035	.03553	.00001
#2	-.00464	.00089	-.00079	.09484	.00037	.03547	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	68.092	.00067	.00056	.00356	.03742	-.00004	.00015
SDev	.062	.00000	.00016	.00010	.00198	.00001	.00021
%RSD	.09043	.24250	28.321	2.8084	5.2953	14.550	147.45
#1	68.135	.00067	.00045	.00349	.03602	-.00004	.00030
#2	68.048	.00067	.00068	.00363	.03882	-.00003	-.00001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	1.2402	.09777	.00084	.00181	.17780	.21197
SDev	.00004	.0023	.00024	.00043	.00006	.00150	.00080
%RSD	3.5473	.18291	.24849	51.246	3.5447	.84216	.37851
#1	-.00104	1.2418	.09794	.00115	.00186	.17886	.21140
#2	-.00109	1.2386	.09759	.00054	.00177	.17674	.21253

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	167.88	131.16	.06689	.00033	.00212	.00006
SDev	.00009	.17	.34	.00017	.00194	.00145	.00001
%RSD	130.53	.10053	.25948	.25733	594.77	68.531	12.137
#1	-.00013	168.00	131.40	.06701	.00170	.00109	.00007
#2	-.00001	167.76	130.92	.06677	-.00105	.00315	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00654	.00014	.00015	.00369	-.00345
SDev	.00018	.00005	.00052	.00006	.00558	.00285
%RSD	92.116	.69269	375.71	42.129	151.04	82.570
#1	.00032	.00658	.00050	.00019	-.00025	-.00143
#2	.00007	.00651	-.00023	.00010	.00764	-.00546

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24652	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.2208678	--	--	--	--	--	--
#1	24613	--	--	--	--	--	--
#2	24690	--	--	--	--	--	--

Analysis Report 01/10/12 08:57:16 AM page 15

Method: 20076010 Sample Name: 600-48299-a-11-c Operator: SRP
Run Time: 01/10/12 08:57:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33362	.01752	.00144	.00479	-.00850	.00785	.00044
SDev	.00129	.00041	.00113	.00005	.00001	.00017	.00001
%RSD	.38591	2.3378	78.661	1.0982	.13428	2.2023	1.8808
#1	.33271	.01780	.00225	.00475	-.00849	.00773	.00045
#2	.33453	.01723	.00064	.00483	-.00850	.00797	.00044

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13246	-.00722	.00059	.00069	-5.8507	.00025	-.00235
SDev	.00035	.00037	.00027	.00018	.2030	.00005	.00016
%RSD	.26295	5.1037	45.913	25.691	3.4701	18.339	6.6646
#1	.13221	-.00748	.00040	.00057	-5.7072	.00022	-.00224
#2	.13271	-.00696	.00079	.00082	-5.9943	.00028	-.00247

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	.03112	-.00017	.01904	.00176	.03710	.14364
SDev	.00021	.00094	.00003	.00061	.00006	.01313	.00023
%RSD	45.678	3.0177	15.521	3.1936	3.2768	35.387	.16383
#1	-.00061	.03046	-.00019	.01947	.00180	.02782	.14347
#2	-.00031	.03179	-.00015	.01861	.00172	.04639	.14380

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	161.88	126.69	.00016	.00271	.00337	.00034
SDev	.00039	.11	.08	.00002	.00296	.00072	.00003
%RSD	41.865	.06983	.06483	13.478	109.19	21.219	8.6843
#1	-.00120	161.96	126.63	.00015	.00062	.00388	.00036
#2	-.00065	161.80	126.75	.00018	.00481	.00286	.00032

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.727	.00718	-.00012	-.00347	.00390	-.00264
SDev	.069	.00007	.00012	.00030	.00067	.00002
%RSD	.14828	.92718	99.155	8.5347	17.052	.61770
#1	46.678	.00713	-.00021	-.00326	.00343	-.00263
#2	46.776	.00722	-.00004	-.00368	.00437	-.00266

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24764	--	--	--	--	--	--

SDev	106.0660	--	--	--	--	--	--
%RSD	.4283073	--	--	--	--	--	--
#1	24839	--	--	--	--	--	--
#2	24689	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48251-b-1-e Operator: SRP
Run Time: 01/10/12 09:01:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00530	-.00212	.00150	.01109	.00030	.00818	.00041
SDev	.00408	.00049	.00040	.00011	.00002	.00058	.00015
%RSD	77.045	23.365	26.871	1.0212	4.9942	7.0660	37.462

#1	-.00819	-.00177	.00121	.01101	.00029	.00859	.00030
#2	-.00241	-.00247	.00178	.01117	.00031	.00778	.00051

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67031	.00121	-.00018	.00567	.81008	-.00020	.00249
SDev	.00224	.00016	.00015	.00035	.00232	.00000	.00020
%RSD	.33452	13.393	85.080	6.2219	.28667	2.2603	8.0363
#1	.66873	.00110	-.00028	.00542	.80844	-.00019	.00263
#2	.67190	.00133	-.00007	.00592	.81172	-.00020	.00234

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	.02423	.01102	.00064	.00309	-.05559	.04049
SDev	.00064	.00206	.00005	.00031	.00042	.00527	.00268
%RSD	172.95	8.4903	.41507	48.153	13.776	9.4716	6.6325
#1	.00008	.02277	.01099	.00042	.00279	-.05187	.03859
#2	-.00082	.02568	.01105	.00085	.00339	-.05932	.04239

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	168.52	130.29	.00124	-.00046	.00214	.00029
SDev	.00000	.06	.19	.00003	.00130	.00139	.00007
%RSD	.29843	.03675	.14543	2.3693	282.70	65.328	23.276
#1	-.00047	168.48	130.15	.00122	-.00138	.00115	.00024
#2	-.00047	168.57	130.42	.00126	.00046	.00312	.00034

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00330	2.8908	.00089	.00328	.00272	-.00191
SDev	.00052	.0054	.00108	.00024	.00187	.00189
%RSD	15.670	.18796	121.40	7.2892	68.611	98.674
#1	.00294	2.8870	.00165	.00311	.00140	-.00058
#2	.00367	2.8946	.00013	.00345	.00405	-.00325

Analysis Report 01/10/12 09:04:58 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25411	--	--	--	--	--	--
SDev	45.25483	--	--	--	--	--	--
%RSD	.1780915	--	--	--	--	--	--
#1	25443	--	--	--	--	--	--
#2	25379	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48251-b-1-f ms Operator: SRP
Run Time: 01/10/12 09:05:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	10.198	.97526	1.0050	.97781	.50931	.99784	.48799
SDev	.030	.00278	.0029	.00262	.00143	.00310	.00159
%RSD	.29422	.28517	.29112	.26815	.28039	.31025	.32537
#1	10.219	.97723	1.0071	.97967	.51032	1.0000	.48912
#2	10.177	.97329	1.0029	.97596	.50830	.99565	.48687

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.580	.99033	1.0071	1.0216	10.565	.52262	.98702
SDev	.035	.00288	.0029	.0032	.059	.00174	.00210
%RSD	.33111	.29105	.28489	.31605	.56175	.33350	.21306
#1	10.604	.99237	1.0091	1.0239	10.607	.52386	.98851
#2	10.555	.98830	1.0050	1.0193	10.523	.52139	.98554

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0414	9.8784	.98219	1.0044	.98682	12.357	.95373
SDev	.0007	.0342	.00265	.0010	.00824	.035	.00225
%RSD	.07068	.34602	.26940	.10394	.83515	.28229	.23615
#1	1.0409	9.9025	.98406	1.0051	.99265	12.382	.95533
#2	1.0420	9.8542	.98032	1.0037	.98099	12.333	.95214

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50180	181.68	140.05	.48081	.97186	1.0134	.99073
SDev	.00231	.66	.61	.00148	.00545	.0041	.00235
%RSD	.46008	.36415	.43596	.30723	.56071	.40569	.23719
#1	.50344	182.14	140.49	.48186	.96801	1.0163	.99239
#2	.50017	181.21	139.62	.47977	.97571	1.0105	.98906

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99958	3.7667	.98851	.98628	1.0556	1.0344
SDev	.00221	.0122	.00321	.00155	.0026	.0024
%RSD	.22141	.32345	.32494	.15700	.24525	.23189

#1	1.0011	3.7753	.99078	.98738	1.0574	1.0327
#2	.99801	3.7581	.98624	.98519	1.0538	1.0361

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25154	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.0927685	--	--	--	--	--	--
#1	25137	--	--	--	--	--	--
#2	25170	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48425-a-2-d Operator: SRP
Run Time: 01/10/12 09:08:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01146	.00034	.00092	.03208	.00038	.00820	.00000
SDev	.00099	.00082	.00159	.00025	.00001	.00058	.00000
%RSD	8.6014	243.15	172.41	.77134	3.7170	7.0894	67.939
#1	.01216	.00092	.00205	.03226	.00039	.00861	.00001
#2	.01076	-.00024	-.00020	.03191	.00037	.00779	.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0722	.00046	.00015	.00430	.02683	.00000	.00049
SDev	.0096	.00014	.00027	.00010	.01715	.00002	.00054
%RSD	.18935	29.763	174.34	2.3127	63.898	709.76	108.78
#1	5.0790	.00056	-.00004	.00437	.01471	-.00001	.00087
#2	5.0654	.00037	.00034	.00423	.03896	.00001	.00011

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	.42781	.01438	.00325	.00020	-.01727	.23494
SDev	.00089	.00288	.00009	.00173	.00019	.01885	.00258
%RSD	130.24	.67383	.64868	53.038	94.956	109.14	1.0976
#1	-.00005	.42577	.01445	.00447	.00007	-.03060	.23676
#2	-.00131	.42985	.01432	.00203	.00034	-.00394	.23311

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	172.34	133.48	.01510	.00212	.00154	.00052
SDev	.00074	.69	.41	.00010	.00166	.00168	.00017
%RSD	898.62	.39968	.30794	.64848	78.421	108.93	32.938
#1	-.00061	172.83	133.77	.01517	.00330	.00273	.00065
#2	.00044	171.85	133.18	.01503	.00095	.00035	.00040

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 01/10/12 09:12:41 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	.00664	.00067	.00040	.00397	-.00301
SDev	.00009	.00002	.00348	.00255	.00398	.00333
%RSD	2.3224	.28409	517.38	629.05	100.26	110.49
#1	.00376	.00666	-.00179	.00220	.00115	-.00066
#2	.00364	.00663	.00313	-.00140	.00678	-.00536

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24890	--	--	--	--	--	--
SDev	113.8442	--	--	--	--	--	--
%RSD	.4573985	--	--	--	--	--	--
#1	24970	--	--	--	--	--	--
#2	24809	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48304-b-1-d Operator: SRP
Run Time: 01/10/12 09:12:44
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10517	.06860	.08096	.03326	.00034	.01352	-.00009
SDev	.00201	.00072	.00122	.00040	.00001	.00115	.00018
%RSD	1.9129	1.0545	1.5076	1.2012	3.4721	8.4900	188.76
#1	.10659	.06912	.08182	.03354	.00033	.01434	.00003
#2	.10375	.06809	.08009	.03298	.00035	.01271	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56139	.00021	.00775	.00593	.01185	.03067	.00042
SDev	.00745	.00012	.00016	.00003	.00645	.00043	.00060
%RSD	1.3272	55.117	2.0803	.48484	54.417	1.4143	145.49
#1	.56666	.00030	.00787	.00595	.01641	.03098	.00084
#2	.55613	.00013	.00764	.00591	.00729	.03037	-.00001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00249	4.0549	.01599	.00493	.07336	.18523	1.3381
SDev	.00475	.0541	.00027	.00051	.00088	.01991	.0184
%RSD	190.60	1.3331	1.6692	10.373	1.1976	10.750	1.3769
#1	-.00585	4.0931	.01618	.00529	.07398	.19931	1.3511
#2	.00087	4.0166	.01580	.00457	.07274	.17115	1.3251

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00127	165.76	129.13	.01457	-.00340	.00149	.00029
SDev	.00022	2.40	1.72	.00021	.00067	.00168	.00006
%RSD	17.101	1.4460	1.3305	1.4742	19.618	112.19	19.472

#1	-.00112	167.46	130.34	.01472	-.00387	.00268	.00033
#2	-.00142	164.07	127.91	.01442	-.00293	.00031	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15460	.03456	.00174	-.00024	-.00100	-.00324
SDev	.00183	.00035	.00216	.00017	.00398	.00513
%RSD	1.1820	1.0241	124.53	71.002	397.40	158.59
#1	.15590	.03481	.00327	-.00037	-.00382	-.00686
#2	.15331	.03431	.00021	-.00012	.00181	.00039

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25036	--	--	--	--	--	--
SDev	169.7056	--	--	--	--	--	--
%RSD	.6778464	--	--	--	--	--	--
#1	24916	--	--	--	--	--	--
#2	25156	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48384-a-1-b Operator: SRP

Run Time: 01/10/12 09:16:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00347	.00129	-.00023	.06038	.00035	.02072	.00008
SDev	.00118	.00044	.00121	.00011	.00000	.00024	.00008
%RSD	34.072	33.756	523.14	.18123	.65463	1.1471	102.04
#1	-.00264	.00160	.00063	.06046	.00035	.02055	.00014
#2	-.00431	.00098	-.00109	.06030	.00035	.02089	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.835	.00038	.00277	.00480	.22468	.00139	.00044
SDev	.077	.00005	.00057	.00018	.01565	.00002	.00013
%RSD	.43021	12.646	20.398	3.6556	6.9670	1.4937	28.968
#1	17.890	.00034	.00317	.00468	.23575	.00140	.00035
#2	17.781	.00041	.00237	.00493	.21361	.00137	.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	5.0051	1.0287	.00153	.00445	2.5396	.33546
SDev	.00003	.0249	.0039	.00041	.00086	.0104	.00143
%RSD	5.1596	.49787	.37909	26.860	19.286	.40808	.42501
#1	-.00058	5.0227	1.0315	.00182	.00505	2.5470	.33647
#2	-.00063	4.9875	1.0260	.00124	.00384	2.5323	.33445

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00016	172.73	134.67	.08117	-.00371	.00302	.00020
SDev	.00003	.51	.31	.00024	.00121	.00042	.00004
%RSD	18.471	.29524	.22727	.30021	32.693	13.730	21.426
#1	-.00014	173.09	134.89	.08134	-.00285	.00331	.00023
#2	-.00018	172.37	134.46	.08099	-.00456	.00273	.00017

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.02627	.00120	.00005	.00054	-.00117
SDev	.00000	.00016	.00051	.00044	.00476	.00233
%RSD	5.0918	.62558	42.408	858.33	887.42	198.58
#1	.00008	.02616	.00156	-.00026	.00390	-.00282
#2	.00008	.02639	.00084	.00037	-.00283	.00047

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24179	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.1052808	--	--	--	--	--	--
#1	24161	--	--	--	--	--	--
#2	24197	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48384-a-1-c ms Operator: SRP
Run Time: 01/10/12 09:20:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.339	.97867	1.0082	1.0309	.51434	1.0173	.48593
SDev	.018	.00312	.0002	.0020	.00043	.0012	.00013
%RSD	.17727	.31902	.02124	.19414	.08341	.11380	.02589
#1	10.352	.98088	1.0081	1.0323	.51404	1.0181	.48584
#2	10.326	.97646	1.0084	1.0295	.51464	1.0164	.48602

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.341	.99889	1.0141	1.0311	10.012	.53132	.98795
SDev	.029	.00091	.0001	.0036	.007	.00135	.00005
%RSD	.10445	.09139	.01012	.34561	.07265	.25347	.00512
#1	27.321	.99825	1.0142	1.0336	10.017	.53227	.98798
#2	27.361	.99954	1.0140	1.0286	10.007	.53037	.98791

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0522	14.834	1.9742	1.0056	.97588	14.944	1.2696
SDev	.0011	.000	.0001	.0006	.00394	.013	.0015
%RSD	.10647	.00289	.00273	.06431	.40391	.08907	.11607
#1	1.0514	14.834	1.9742	1.0051	.97866	14.954	1.2686

#2	1.0530	14.834	1.9741	1.0060	.97309	14.935	1.2707

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50787	183.43	142.96	.56027	.97330	1.0189	.99685
SDev	.00148	.40	.19	.00110	.00715	.0006	.00061
%RSD	.29197	.21641	.13248	.19699	.73410	.05995	.06106
#1	.50892	183.71	143.10	.56105	.96825	1.0184	.99728
#2	.50682	183.15	142.83	.55949	.97835	1.0193	.99642

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0094	1.0246	.99215	.98584	1.0619	1.0475
SDev	.0005	.0006	.00204	.00094	.0019	.0026
%RSD	.04828	.06107	.20520	.09556	.17962	.25148
#1	1.0091	1.0242	.99359	.98518	1.0632	1.0457
#2	1.0097	1.0250	.99071	.98651	1.0606	1.0494

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24372	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.3133413	--	--	--	--	--	--

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 #1      24426     --        --        --        --        --        --
 #2      24318     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-48384-a-1-d msd    Operator: SRP
Run Time: 01/10/12 09:24:17
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    10.654    1.0219    1.0513    1.0546    .53751    1.0632    .50726
 SDev      .083     .0084     .0017     .0070    .00335     .0075    .00296
 %RSD    .77572    .82334    .15946    .66065    .62292    .70726    .58387

 #1      10.712    1.0278    1.0525    1.0595    .53988    1.0686    .50936
 #2      10.596    1.0159    1.0501    1.0497    .53514    1.0579    .50517

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    28.547    1.0411    1.0571    1.0587    10.424    .54501    1.0313
 SDev      .194     .0065     .0069     .0072      .080    .00382     .0035
 %RSD    .67946    .62467    .64797    .67752    .76385    .70098    .33889

 #1      28.684    1.0457    1.0619    1.0638    10.481    .54771    1.0338
 #2      28.410    1.0365    1.0523    1.0536    10.368    .54231    1.0289

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0884    15.462    2.0531    1.0557    1.0075    15.365    1.3235

Analysis Report                          01/10/12 09:28:05 AM        page 23


 SDev     .0041      .105     .0131     .0037     .0072      .104     .0108
 %RSD    .37610    .68206    .64002    .34845    .71490    .67653    .81279

 #1      1.0913    15.537    2.0623    1.0583    1.0126    15.439    1.3311
 #2      1.0855    15.388    2.0438    1.0531    1.0024    15.292    1.3159

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .52556    188.91    146.98    .57429    1.0122    1.0713    1.0412
 SDev    .00363      1.30      1.16    .00381     .0042     .0053     .0073
 %RSD    .69029    .68618    .78731    .66309    .41370    .49634    .69990

 #1      .52813    189.82    147.80    .57699    1.0151    1.0750    1.0463
 #2      .52299    187.99    146.16    .57160    1.0092    1.0675    1.0360

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0472    1.0640    1.0371    1.0285    1.0966    1.0844
 SDev     .0069     .0068     .0067     .0019     .0072     .0025
 %RSD    .66033    .64041    .64892    .18258    .65976    .23270

 #1      1.0520    1.0689    1.0418    1.0298    1.1017    1.0862
 #2      1.0423    1.0592    1.0323    1.0271    1.0915    1.0826


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    23938     --        --        --        --        --        --
```

SDev	111.0158	--	--	--	--	--	--
%RSD	.4637541	--	--	--	--	--	--
#1	23860	--	--	--	--	--	--
#2	24017	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48384-a-2-b Operator: SRP
Run Time: 01/10/12 09:28:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02480	.00210	.00024	.17403	.00040	.00643	.00006
SDev	.00062	.00044	.00015	.00007	.00007	.00106	.00001
%RSD	2.5031	20.761	59.758	.04044	18.620	16.482	22.278
#1	.02436	.00241	.00035	.17408	.00035	.00718	.00005
#2	.02524	.00179	.00014	.17398	.00046	.00568	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	108.04	.01825	.00121	.01269	.03445	.12119	.00033
SDev	.04	.00002	.00012	.00020	.00047	.00010	.00013
%RSD	.03875	.08072	10.248	1.6095	1.3493	.07910	40.369
#1	108.07	.01826	.00112	.01254	.03412	.12125	.00042

#2	108.01	.01824	.00129	.01283	.03477	.12112	.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	.01857	.00062	.06760	.00265	39.625	.06050
SDev	.00030	.00116	.00003	.00213	.00018	.058	.00275
%RSD	12.066	6.2527	4.5861	3.1433	6.9454	.14700	4.5501
#1	.00273	.01775	.00060	.06910	.00252	39.666	.06245
#2	.00230	.01939	.00064	.06610	.00279	39.584	.05855

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	159.11	128.76	.55459	.00217	.00162	-.00021
SDev	.00006	.25	.24	.00007	.00628	.00103	.00000
%RSD	99.661	.15528	.18353	.01309	289.35	64.001	1.8682
#1	-.00002	159.28	128.92	.55464	.00661	.00088	-.00021
#2	-.00010	158.93	128.59	.55454	-.00227	.00235	-.00021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00468	.00032	.00033	.00686	.00034
SDev	.00029	.00016	.00050	.00006	.00052	.00019
%RSD	4331.6	3.5091	156.04	16.864	7.6255	56.689
#1	.00021	.00457	.00068	.00029	.00723	.00048
#2	-.00020	.00480	-.00003	.00037	.00649	.00020

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23628	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.0538680	--	--	--	--	--	--
#1	23637	--	--	--	--	--	--
#2	23619	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 09:31:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5236	.49273	.50907	.48544	.52583	.49660	.49862
SDev	.0094	.00406	.00039	.00235	.00169	.00238	.00168
%RSD	.37438	.82485	.07644	.48403	.32066	.47903	.33592
#1	2.5303	.49560	.50934	.48710	.52702	.49828	.49980
#2	2.5170	.48986	.50879	.48378	.52463	.49491	.49743

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.721	.51233	.51676	.50923	2.5182	.46787	.50203
SDev	.045	.00186	.00094	.00196	.0066	.00139	.00478
%RSD	.35524	.36351	.18180	.38531	.26145	.29669	.95161
#1	12.753	.51365	.51743	.51061	2.5136	.46886	.50540
#2	12.689	.51101	.51610	.50784	2.5229	.46689	.49865

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51835	5.1371	.50202	.50943	.49491	12.176	.94847
SDev	.00333	.0193	.00171	.00155	.00235	.043	.00222
%RSD	.64329	.37545	.34082	.30450	.47500	.35451	.23364
#1	.52071	5.1508	.50323	.51052	.49657	12.207	.95003
#2	.51599	5.1235	.50081	.50833	.49325	12.146	.94690

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25031	12.389	11.873	.24001	.48542	.52501	.50923
SDev	.00065	.000	.048	.00097	.00962	.00100	.00217
%RSD	.26059	.00311	.40188	.40462	1.9825	.19103	.42711
#1	.25077	12.389	11.907	.24070	.47861	.52430	.51077
#2	.24985	12.389	11.839	.23932	.49222	.52572	.50769

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51050	.50574	.50767	.49921	.52146	.51686
SDev	.00201	.00141	.00278	.00577	.00376	.00312
%RSD	.39469	.27925	.54789	1.1569	.72064	.60427
#1	.51192	.50674	.50963	.50329	.52412	.51907
#2	.50907	.50475	.50570	.49512	.51880	.51465

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24194	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1665947	--	--	--	--	--	--
#1	24165	--	--	--	--	--	--
#2	24222	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 09:35:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00187	.00269	.00172	.00039	.00075	.00203	.00036
SDev	.00262	.00078	.00042	.00013	.00010	.00053	.00005
%RSD	140.08	28.858	24.637	31.924	13.737	26.096	12.889

#1	.00002	.00214	.00142	.00030	.00068	.00166	.00032
#2	.00372	.00324	.00201	.00048	.00083	.00241	.00039

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02824	.00048	.00030	.00300	-.00102	.00028	.00086
SDev	.00256	.00072	.00004	.00055	.01386	.00008	.00038
%RSD	9.0595	150.77	14.769	18.485	1364.0	27.016	44.639
#1	.02643	-.00003	.00027	.00261	-.01082	.00023	.00059
#2	.03005	.00098	.00033	.00339	.00878	.00034	.00114

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	.02017	.00037	.00271	.00034	.06338	.00793
SDev	.00316	.00098	.00019	.00010	.00070	.00372	.00208
%RSD	922.58	4.8387	51.312	3.5718	204.98	5.8680	26.167
#1	.00189	.01948	.00023	.00278	-.00015	.06075	.00646
#2	-.00258	.02086	.00050	.00264	.00083	.06601	.00940

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	-.07880	.01288	.00018	.00048	.00184	.00052
SDev	.00041	.00179	.00149	.00007	.00226	.00002	.00029
%RSD	232.80	2.2711	11.564	37.674	468.52	1.2913	55.303
#1	-.00047	-.07754	.01182	.00013	.00208	.00185	.00032
#2	.00011	-.08007	.01393	.00023	-.00112	.00182	.00072

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.00016	.00007	.00126	-.00329	.00113
SDev	.00062	.00008	.00544	.00214	.00037	.00492
%RSD	116.85	49.244	7436.3	170.12	11.180	434.08

#1	.00009	.00010	-.00377	.00277	-.00356	.00461
#2	.00097	.00021	.00392	-.00026	-.00303	-.00235

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24250	--	--	--	--	--	--
SDev	102.5305	--	--	--	--	--	--
%RSD	.4227974	--	--	--	--	--	--
#1	24178	--	--	--	--	--	--
#2	24323	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48384-a-3-b Operator: SRP
Run Time: 01/10/12 09:39:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00880	-.00046	.00230	.00825	.00051	.00994	.00018
SDev	.00129	.00051	.00126	.00001	.00002	.00041	.00008
%RSD	14.705	110.64	54.528	.13142	3.1560	4.0917	46.478
#1	-.00789	-.00010	.00319	.00824	.00050	.01023	.00024
#2	-.00972	-.00082	.00142	.00826	.00052	.00965	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35795	.00031	.00104	.00516	.04272	.00015	-.00000
SDev	.00147	.00038	.00012	.00021	.01000	.00007	.00046
%RSD	.41087	124.57	11.694	3.9975	23.397	45.178	10191.
#1	.35691	.00058	.00112	.00531	.04979	.00010	.00032
#2	.35899	.00004	.00095	.00502	.03566	.00020	-.00033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.04655	.00749	.00083	.03100	.08165	.04464
SDev	.00054	.00209	.00003	.00047	.00007	.01132	.00093
%RSD	225.75	4.4831	.37076	56.690	.21897	13.860	2.0745
#1	.00062	.04508	.00747	.00050	.03105	.07365	.04530
#2	-.00014	.04803	.00751	.00116	.03095	.08965	.04399

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	166.60	130.38	.00166	-.00213	.00668	.00028
SDev	.00018	.27	.00	.00001	.00049	.00113	.00009
%RSD	54.759	.16205	.00018	.32699	23.195	16.945	31.566
#1	.00045	166.41	130.38	.00167	-.00178	.00748	.00035
#2	.00020	166.80	130.38	.00166	-.00248	.00588	.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.01025	.00131	-.00066	.00464	-.00196

SDev	.00026	.00007	.00079	.00030	.00324	.00081
%RSD	193.15	.67819	60.482	45.390	69.787	41.414
#1	.00032	.01020	.00186	-.00045	.00693	-.00254
#2	-.00005	.01030	.00075	-.00087	.00235	-.00139

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24238	--	--	--	--	--	--
SDev	89.09545	--	--	--	--	--	--
%RSD	.3675858	--	--	--	--	--	--
#1	24301	--	--	--	--	--	--
#2	24175	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48384-a-3-c ms Operator: SRP
Run Time: 01/10/12 09:43:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.520	.99939	1.0373	.99343	.52952	1.0266	.50083
SDev	.000	.00109	.0007	.00003	.00000	.0006	.00037
%RSD	.00055	.10948	.06364	.00304	.00033	.05528	.07385
#1	10.520	1.0002	1.0368	.99341	.52952	1.0270	.50057
#2	10.520	.99861	1.0378	.99345	.52952	1.0262	.50109

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.614	1.0288	1.0454	1.0498	10.112	.53424	1.0161
SDev	.003	.0009	.0008	.0011	.009	.00044	.0006
%RSD	.02606	.08506	.08007	.10852	.08553	.08278	.06069
#1	10.615	1.0294	1.0448	1.0506	10.106	.53456	1.0165
#2	10.612	1.0282	1.0460	1.0490	10.118	.53393	1.0157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0688	10.288	1.0129	1.0301	1.0267	12.663	.98945
SDev	.0066	.002	.0000	.0003	.0012	.018	.00039
%RSD	.61926	.01760	.00295	.03224	.11659	.13963	.03946
#1	1.0641	10.289	1.0129	1.0298	1.0258	12.676	.98973
#2	1.0735	10.286	1.0128	1.0303	1.0275	12.651	.98918

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51744	184.18	143.32	.48664	.98228	1.0545	1.0205
SDev	.00065	.39	.18	.00047	.00583	.0034	.0002
%RSD	.12578	.21163	.12866	.09604	.59347	.32146	.02194
#1	.51790	184.46	143.45	.48697	.97815	1.0521	1.0206
#2	.51698	183.91	143.19	.48631	.98640	1.0569	1.0203

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0307	1.0304	1.0261	1.0111	1.0828	1.0618
SDev	.0000	.0000	.0010	.0004	.0074	.0062
%RSD	.00187	.00373	.09726	.04213	.68697	.58473
#1	1.0307	1.0305	1.0268	1.0114	1.0775	1.0575
#2	1.0307	1.0304	1.0254	1.0108	1.0881	1.0662

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24010	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.1384203	--	--	--	--	--	--

#1	24033	--	--	--	--	--
#2	23986	--	--	--	--	--

Method: 20076010 Sample Name: 600-48425-a-1-d Operator: SRP
Run Time: 01/10/12 09:48:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00956	.00072	.00112	.11814	.00043	.00719	.00118
SDev	.00066	.00018	.00248	.00036	.00003	.00008	.00019
%RSD	6.8637	24.959	220.61	.30636	7.5844	1.1202	16.322
#1	-.01002	.00060	-.00063	.11839	.00045	.00725	.00131
#2	-.00909	.00085	.00288	.11788	.00041	.00714	.00104

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.647	.00067	.00015	.00532	.03241	.00097	.00019
SDev	.180	.00007	.00032	.00006	.01015	.00003	.00015
%RSD	.24787	11.034	211.77	1.0318	31.323	3.0177	79.232
#1	72.775	.00072	.00038	.00536	.03959	.00099	.00009
#2	72.520	.00061	-.00008	.00528	.02523	.00095	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00187	6.8929	.02694	.00255	.00061	.23221	1.6963
SDev	.00031	.0201	.00005	.00038	.00037	.00536	.0042
%RSD	16.756	.29171	.18147	15.103	60.148	2.3069	.24620
#1	-.00164	6.9071	.02697	.00282	.00035	.23600	1.6993
#2	-.00209	6.8786	.02690	.00228	.00088	.22843	1.6934

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	174.70	136.82	.12742	-.00054	.00342	-.00009
SDev	.00032	.70	.61	.00037	.00336	.00209	.00001

%RSD	280.34	.40075	.44641	.29085	623.86	61.152	8.6717
#1	.00011	175.20	137.25	.12768	.00184	.00489	-.00008
#2	-.00034	174.21	136.39	.12715	-.00292	.00194	-.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.03411	.00036	.00011	.00148	-.00354
SDev	.00009	.00002	.00058	.00052	.00281	.00188
%RSD	318.53	.05582	160.48	477.94	190.63	53.052
#1	-.00003	.03409	.00077	-.00026	-.00051	-.00221
#2	.00009	.03412	-.00005	.00048	.00347	-.00486

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24154	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1815046	--	--	--	--	--	--

#1	24123	--	--	--	--	--	--
#2	24185	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48425-a-1-e ms Operator: SRP
Run Time: 01/10/12 09:52:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.539	1.0034	1.0331	1.0911	.52538	1.0255	.49010
SDev	.099	.0046	.0109	.0100	.00464	.0066	.00429
%RSD	.93584	.45428	1.0576	.91674	.88370	.63973	.87585
#1	10.608	1.0066	1.0408	1.0981	.52866	1.0301	.49313
#2	10.469	1.0002	1.0254	1.0840	.52210	1.0208	.48706

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.480	1.0110	1.0244	1.0511	9.9240	.54553	.99841
SDev	.749	.0095	.0096	.0089	.0821	.00461	.00888
%RSD	.91904	.94283	.93784	.85022	.82740	.84546	.88928
#1	82.010	1.0177	1.0312	1.0574	9.9821	.54879	1.0047
#2	80.951	1.0043	1.0176	1.0448	9.8660	.54227	.99213

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0786	16.937	1.0160	1.0222	.97219	13.181	2.6821
SDev	.0063	.159	.0092	.0070	.01299	.113	.0254
%RSD	.58775	.94024	.90066	.68769	1.3357	.85398	.94639
#1	1.0831	17.049	1.0224	1.0272	.98137	13.261	2.7000
#2	1.0741	16.824	1.0095	1.0173	.96300	13.102	2.6641

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51529	188.23	146.90	.60840	.98073	1.0396	1.0161
SDev	.00447	1.35	1.12	.00551	.00447	.0113	.0083
%RSD	.86848	.71581	.76383	.90585	.45601	1.0845	.81889
#1	.51846	189.18	147.69	.61230	.98389	1.0476	1.0219
#2	.51213	187.27	146.10	.60451	.97757	1.0316	1.0102

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0250	1.0413	1.0070	.99413	1.0885	1.0737
SDev	.0090	.0094	.0075	.00958	.0094	.0048
%RSD	.87618	.90540	.74147	.96414	.86371	.44786
#1	1.0314	1.0479	1.0122	1.0009	1.0951	1.0771
#2	1.0187	1.0346	1.0017	.98735	1.0818	1.0703

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24084	--	--	--	--	--	--
SDev	141.4214	--	--	--	--	--	--
%RSD	.5872005	--	--	--	--	--	--
#1	23984	--	--	--	--	--	--
#2	24184	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48425-a-1-f msd Operator: SRP
Run Time: 01/10/12 09:56:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.634	1.0065	1.0436	1.1012	.52866	1.0318	.49150
SDev	.064	.0053	.0020	.0064	.00333	.0066	.00315
%RSD	.59726	.52448	.19203	.58489	.62914	.63967	.64139
#1	10.679	1.0102	1.0450	1.1057	.53101	1.0364	.49373
#2	10.589	1.0027	1.0422	1.0966	.52631	1.0271	.48927

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.975	1.0171	1.0297	1.0620	9.9883	.55127	1.0049
SDev	.543	.0063	.0053	.0053	.1014	.00358	.0056
%RSD	.66267	.61875	.51112	.50354	1.0156	.64889	.56208
#1	82.359	1.0215	1.0334	1.0657	10.060	.55380	1.0089
#2	81.591	1.0126	1.0260	1.0582	9.9165	.54874	1.0009

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0861	17.074	1.0223	1.0315	.97367	13.325	2.7072
SDev	.0020	.120	.0067	.0054	.00430	.100	.0195
%RSD	.18119	.70431	.65425	.52797	.44135	.75235	.71996
#1	1.0875	17.159	1.0270	1.0354	.97671	13.396	2.7209

#2	1.0847	16.989	1.0175	1.0277	.97063	13.254	2.6934

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51933	190.47	148.33	.61307	.98971	1.0443	1.0224
SDev	.00316	1.54	.96	.00374	.00628	.0088	.0059
%RSD	.60771	.80791	.64399	.60958	.63457	.83799	.57986
#1	.52156	191.56	149.00	.61571	.99415	1.0505	1.0266
#2	.51710	189.38	147.65	.61042	.98527	1.0382	1.0183

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0330	1.0513	1.0132	1.0007	1.0941	1.0821
SDev	.0073	.0067	.0059	.0055	.0058	.0059
%RSD	.71059	.63885	.57969	.55317	.53424	.54287
#1	1.0382	1.0561	1.0174	1.0046	1.0900	1.0863

#2	1.0278	1.0466	1.0091	.99680	1.0982	1.0780

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24005	--	--	--	--	--	--
SDev	59.39697	--	--	--	--	--	--
%RSD	.2474358	--	--	--	--	--	--
#1	23963	--	--	--	--	--	--
#2	24047	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48386-a-1-c Operator: SRP
Run Time: 01/10/12 10:02:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24144	.00099	.00179	.00791	.00195	.01059	.00034
SDev	.00043	.00114	.00278	.00003	.00003	.00075	.00005
%RSD	.17649	114.77	155.55	.42638	1.7586	7.1102	13.280
#1	.24174	.00179	.00375	.00793	.00198	.01112	.00031
#2	.24113	.00019	-.00018	.00789	.00193	.01006	.00038

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20069	.00516	.01496	.02557	10.896	.00644	.00010
SDev	.00105	.00046	.00026	.00041	.002	.00003	.00007
%RSD	.52266	8.8486	1.7745	1.5877	.01992	.42799	70.990
#1	.20143	.00549	.01477	.02586	10.898	.00646	.00005
#2	.19995	.00484	.01515	.02529	10.895	.00642	.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00197	.31408	.92914	.00197	.09394	1.8400	3.0836
SDev	.00019	.00478	.00170	.00018	.00072	.0174	.0044
%RSD	9.5338	1.5212	.18287	8.8919	.76868	.94728	.14186
#1	-.00210	.31746	.93034	.00210	.09343	1.8523	3.0867
#2	-.00183	.31071	.92794	.00185	.09445	1.8276	3.0805

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	148.78	118.57	.00198	-.00336	.00304	.00085
SDev	.00053	.48	.09	.00003	.00122	.00088	.00012
%RSD	709.87	.32052	.07260	1.6831	36.390	28.909	14.271
#1	-.00030	148.44	118.63	.00201	-.00423	.00366	.00094
#2	.00045	149.12	118.51	.00196	-.00250	.00242	.00077

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.09229	-.00143	.00086	-.00154	-.00218
SDev	.00053	.00017	.00150	.00065	.00232	.00088
%RSD	91.290	.18904	105.39	75.429	150.41	40.205
#1	.00096	.09216	-.00249	.00132	-.00318	-.00156
#2	.00021	.09241	-.00036	.00040	.00010	-.00280

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24433	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0983982	--	--	--	--	--	--

#1	24416	--	--	--	--	--	--
#2	24450	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-69596/1-c Operator: SRP
Run Time: 01/10/12 10:05:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00446	.00225	.00252	.00407	.00041	.01156	-.00006
SDev	.00245	.00227	.00102	.00008	.00000	.00005	.00035
%RSD	54.883	100.96	40.363	1.8577	.89356	.41369	569.81
#1	-.00273	.00385	.00324	.00412	.00041	.01152	-.00031
#2	-.00620	.00064	.00180	.00402	.00041	.01159	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13649	.00070	.00008	.00504	.02590	-.00015	-.00084
SDev	.00092	.00029	.00084	.00003	.03664	.00000	.00013
%RSD	.67469	40.599	998.54	.62747	141.44	2.6584	15.645
#1	.13584	.00091	-.00051	.00506	-.00000	-.00015	-.00075
#2	.13714	.00050	.00067	.00501	.05181	-.00015	-.00094

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	.00219	.00055	.00403	.00042	-.06132	.02320
SDev	.00071	.00296	.00003	.00021	.00071	.00339	.00258
%RSD	105.68	135.12	4.5419	5.2501	168.25	5.5257	11.124
#1	-.00017	.00010	.00054	.00418	-.00008	-.06371	.02503
#2	-.00117	.00429	.00057	.00388	.00092	-.05892	.02138

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.58525	.55098	.00016	-.00231	.00267	.00041
SDev	.00093	.22811	.00002	.00001	.00123	.00056	.00014
%RSD	2798.3	38.977	.00397	8.2897	53.288	21.108	33.465
#1	-.00062	.42395	.55100	.00017	-.00318	.00227	.00051
#2	.00069	.74655	.55097	.00015	-.00144	.00307	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.00984	-.00115	-.00069	.00252	-.00227
SDev	.00009	.00020	.00422	.00231	.00165	.00189
%RSD	13.873	2.0512	368.02	332.36	65.593	83.396
#1	.00072	.00998	-.00413	.00094	.00135	-.00093
#2	.00060	.00969	.00184	-.00232	.00369	-.00360

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/10/12 10:09:39 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24578	--	--	--	--	--	--
SDev	67.17515	--	--	--	--	--	--
%RSD	.2733197	--	--	--	--	--	--
#1	24530	--	--	--	--	--	--
#2	24625	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-6-d Operator: SRP
Run Time: 01/10/12 10:09:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01619	.00017	.00089	.13294	.00043	.06051	.00014
SDev	.00242	.00164	.00113	.00175	.00001	.00090	.00008
%RSD	14.946	961.37	128.00	1.3144	1.6767	1.4816	55.039
#1	.01791	-.00099	.00008	.13418	.00044	.06114	.00020
#2	.01448	.00133	.00169	.13171	.00043	.05987	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	165.96	.00042	.00158	.00496	.29764	.00037	.00048
SDev	2.34	.00015	.00016	.00062	.00302	.00008	.00023
%RSD	1.4118	36.348	10.013	12.490	1.0153	20.792	47.493

#1	167.61	.00052	.00147	.00540	.29977	.00042	.00032
#2	164.30	.00031	.00169	.00453	.29550	.00031	.00064

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	1.6518	.12767	.00404	.00305	.33294	1.1825
SDev	.00007	.0271	.00190	.00001	.00005	.03631	.0176
%RSD	31.416	1.6408	1.4902	.26361	1.5948	10.906	1.4903
#1	.00017	1.6710	.12901	.00405	.00302	.35861	1.1950
#2	.00026	1.6327	.12632	.00403	.00309	.30726	1.1701

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	2.3637	2.3222	.13722	-.00365	.00117	-.00027
SDev	.00002	.0244	.0253	.00177	.00152	.00019	.00006
%RSD	11.812	1.0338	1.0885	1.2875	41.731	16.132	20.553
#1	-.00019	2.3464	2.3401	.13847	-.00473	.00130	-.00023
#2	-.00022	2.3810	2.3044	.13597	-.00258	.00104	-.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	.02779	.00070	.00037	.00345	-.00140
SDev	.00038	.00058	.00063	.00065	.00222	.00121
%RSD	27.271	2.0715	89.615	177.86	64.467	86.460
#1	.00165	.02820	.00114	-.00009	.00502	-.00226

#2	.00112	.02738	.00026	.00083	.00188	-.00055

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23919	--	--	--	--	--	--
SDev	278.6001	--	--	--	--	--	--
%RSD	1.164765	--	--	--	--	--	--
#1	23722	--	--	--	--	--	--
#2	24116	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48266-a-1-h Operator: SRP
Run Time: 01/10/12 10:13:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00760	-.00020	.00156	.02568	.00035	.02269	.00008
SDev	.00195	.00045	.00123	.00032	.00003	.00017	.00003
%RSD	25.681	223.32	78.638	1.2637	8.8417	.75061	44.127
#1	.00899	-.00052	.00243	.02591	.00033	.02257	.00005
#2	.00622	.00012	.00069	.02545	.00038	.02281	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	204.64	.00036	.00087	.00729	.01932	.00574	.00061

SDev	2.83	.00008	.00077	.00002	.00180	.00011	.00071
%RSD	1.3815	21.172	88.613	.21258	9.2979	1.9250	116.32
#1	206.64	.00042	.00141	.00731	.01805	.00582	.00011
#2	202.65	.00031	.00032	.00728	.02059	.00566	.00111
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	4.0937	.20921	.00576	.01353	.68215	5.3265
SDev	.00074	.0574	.00280	.00023	.00053	.03845	.0665
%RSD	520.67	1.4019	1.3358	3.9590	3.9004	5.6372	1.2490
#1	.00038	4.1343	.21118	.00592	.01390	.70934	5.3735
#2	-.00067	4.0532	.20723	.00560	.01316	.65496	5.2794
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	1.4524	1.5319	.16178	-.00212	.00172	-.00014
SDev	.00032	.1249	.0160	.00203	.00149	.00122	.00005
%RSD	203.06	8.6001	1.0457	1.2566	70.208	70.902	37.717
#1	.00007	1.5407	1.5433	.16322	-.00317	.00086	-.00018
#2	-.00039	1.3640	1.5206	.16034	-.00107	.00258	-.00010
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00145	.33830	.00061	.00061	.00410	-.00227	

SDev	.00007	.00457	.00086	.00150	.00037	.00093	
%RSD	5.0391	1.3509	140.98	245.97	8.9826	40.962	
#1	.00140	.34153	.00122	-.00045	.00436	-.00161	
#2	.00150	.33507	.00000	.00167	.00384	-.00292	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24020	--	--	--	--	--	--
SDev	235.4666	--	--	--	--	--	--
%RSD	.9803141	--	--	--	--	--	--
#1	23853	--	--	--	--	--	--
#2	24186	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 10:17:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5284	.49474	.50768	.48524	.52285	.49525	.49229
SDev	.0058	.00452	.00117	.00087	.00157	.00048	.00228
%RSD	.22835	.91335	.23069	.17941	.30002	.09614	.46223
#1	2.5325	.49793	.50850	.48585	.52395	.49558	.49390
#2	2.5243	.49154	.50685	.48462	.52174	.49491	.49068
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.514	.50669	.51219	.51448	2.4769	.47134	.49631
SDev	.054	.00160	.00156	.00004	.0346	.00099	.00271
%RSD	.42921	.31604	.30559	.00850	1.3960	.21056	.54525
#1	12.551	.50782	.51329	.51451	2.5013	.47204	.49822
#2	12.476	.50556	.51108	.51445	2.4524	.47064	.49439

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52373	5.0826	.49858	.50744	.49510	12.242	.95809
SDev	.00469	.0257	.00163	.00269	.00427	.024	.00373
%RSD	.89597	.50652	.32678	.52931	.86185	.19885	.38875
#1	.52705	5.1008	.49973	.50555	.49812	12.259	.96072
#2	.52041	5.0644	.49742	.50934	.49208	12.224	.95545

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24886	12.363	12.007	.23870	.48136	.51637	.50945
SDev	.00100	.124	.002	.00032	.00146	.00214	.00142
%RSD	.40063	1.0050	.01790	.13395	.30351	.41436	.27811
#1	.24956	12.451	12.009	.23892	.48239	.51789	.51045
#2	.24815	12.275	12.006	.23847	.48033	.51486	.50845

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50882	.49937	.50272	.49310	.52518	.52307
SDev	.00122	.00228	.00313	.00249	.00655	.00377
%RSD	.24002	.45703	.62253	.50585	1.2464	.72000
#1	.50968	.50098	.50494	.49486	.52981	.52573
#2	.50796	.49776	.50051	.49133	.52055	.52040

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24318	--	--	--	--	--	--
SDev	51.61879	--	--	--	--	--	--
%RSD	.2122614	--	--	--	--	--	--
#1	24282	--	--	--	--	--	--
#2	24355	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 10:21:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.00001	-.00010	.00022	.00062	.00102	.00015
SDev	.00386	.00029	.00047	.00003	.00003	.00092	.00005
%RSD	897.97	2184.7	446.27	11.896	5.0543	89.253	32.344
#1	.00316	-.00022	-.00044	.00020	.00060	.00167	.00011
#2	-.00230	.00019	.00023	.00024	.00065	.00038	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02194	.00009	-.00056	.00298	-.02784	.00012	.00071
SDev	.00085	.00002	.00012	.00001	.00136	.00001	.00065
%RSD	3.8756	27.493	21.342	.15828	4.8945	11.827	91.375
#1	.02134	.00007	-.00065	.00298	-.02688	.00011	.00025
#2	.02254	.00010	-.00048	.00299	-.02880	.00013	.00117

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00096	.00480	.00026	.00251	.00004	-.02700	.01156
SDev	.00125	.00440	.00003	.00109	.00025	.01945	.00057
%RSD	129.60	91.719	10.842	43.277	638.99	72.038	4.9320
#1	-.00184	.00791	.00024	.00328	-.00014	-.01325	.01196
#2	-.00008	.00169	.00027	.00174	.00022	-.04075	.01116

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00066	-.20688	.00593	.00010	-.00119	-.00019	.00029
SDev	.00015	.05167	.00028	.00003	.00338	.00033	.00006

%RSD	22.461	24.977	4.7272	28.709	285.47	172.06	22.091
#1	-.00056	-.17034	.00573	.00008	.00121	.00004	.00033
#2	-.00076	-.24341	.00613	.00012	-.00358	-.00043	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.00004	-.00123	.00168	-.00006	-.00141
SDev	.00028	.00005	.00129	.00161	.00263	.00319
%RSD	278.98	115.11	105.00	96.363	4325.8	225.51
#1	.00010	-.00001	-.00032	.00053	.00180	-.00367
#2	-.00030	-.00007	-.00214	.00282	-.00192	.00084

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24126	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0468943	--	--	--	--	--	--
#1	24134	--	--	--	--	--	--
#2	24118	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48384-a-1-b Operator: SRP
Run Time: 01/10/12 10:25:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.559	.97694	1.0420	1.0381	.52004	1.0339	.49291
SDev	.053	.00259	.0030	.0053	.00240	.0033	.00270
%RSD	.49983	.26536	.28574	.50708	.46114	.31563	.54797

#1	10.597	.97511	1.0441	1.0418	.52174	1.0362	.49482
#2	10.522	.97877	1.0399	1.0343	.51835	1.0316	.49100

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.779	1.0205	1.0248	1.0496	10.111	1.0935	1.0044
SDev	.130	.0047	.0041	.0054	.035	.0073	.0032
%RSD	.46689	.45618	.40348	.51911	.34734	.66648	.31425

#1	27.871	1.0238	1.0278	1.0535	10.136	1.0987	1.0066
#2	27.688	1.0172	1.0219	1.0458	10.086	1.0883	1.0022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0695	15.154	2.0326	1.0139	.98968	15.193	1.3331
SDev	.0044	.066	.0092	.0024	.00640	.120	.0060
%RSD	.40679	.43557	.45338	.23461	.64623	.78890	.45087

#1	1.0726	15.201	2.0391	1.0156	.99421	15.278	1.3373
#2	1.0664	15.107	2.0261	1.0123	.98516	15.109	1.3288

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50922	186.46	145.28	.55725	.97305	1.0215	1.0156
SDev	.00267	.99	.85	.00296	.00930	.0045	.0046
%RSD	.52371	.52918	.58790	.53094	.95531	.43617	.45045

#1	.51111	187.16	145.88	.55934	.97963	1.0246	1.0188
#2	.50733	185.77	144.68	.55516	.96648	1.0183	1.0124

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0184	1.0330	1.0160	.99858	1.0754	1.0666
SDev	.0050	.0048	.0009	.00426	.0035	.0048
%RSD	.49095	.46326	.09296	.42682	.32853	.44626

#1	1.0219	1.0364	1.0167	1.0016	1.0779	1.0700
#2	1.0148	1.0296	1.0153	.99557	1.0729	1.0632

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23746	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1875970	--	--	--	--	--	--

#1	23715	--	--	--	--	--	--
#2	23778	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48384-a-1-b@5 Operator: SRP
Run Time: 01/10/12 10:28:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	.00597	.00043	.01236	.00040	.00653	.00002
SDev	.00051	.00129	.00121	.00004	.00003	.00028	.00011

%RSD	10.621	21.547	280.01	.30648	8.1263	4.2600	472.11
#1	.00446	.00688	.00128	.01239	.00038	.00673	-.00006
#2	.00518	.00506	-.00042	.01234	.00042	.00633	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6379	.00010	.00047	.00363	.04871	.00014	.00022
SDev	.0020	.00038	.00012	.00011	.01565	.00002	.00049
%RSD	.05411	370.93	26.584	2.8825	32.133	12.301	221.04
#1	3.6365	-.00017	.00038	.00356	.03764	.00015	-.00012
#2	3.6393	.00037	.00055	.00371	.05977	.00012	.00057

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	1.0154	.21110	.00354	.00153	.34217	.07931
SDev	.00223	.0008	.00008	.00057	.00029	.01075	.00103
%RSD	292.03	.08310	.03960	16.123	19.028	3.1415	1.2940

#1	.00234	1.0148	.21104	.00394	.00132	.34977	.07859
#2	-.00081	1.0159	.21116	.00314	.00174	.33457	.08004

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	29.967	27.396	.01625	-.00473	.00166	.00033
SDev	.00038	.042	.041	.00001	.00006	.00183	.00013
%RSD	4136.4	.14131	.14799	.04966	1.2398	110.39	39.993
#1	-.00026	29.937	27.425	.01625	-.00477	.00036	.00042
#2	.00028	29.997	27.368	.01624	-.00469	.00295	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00765	-.00023	.00045	.00449	-.00110
SDev	.00026	.00009	.00076	.00035	.00278	.00195
%RSD	734.99	1.1501	332.51	78.385	61.896	177.06
#1	-.00015	.00759	-.00077	.00020	.00646	.00028
#2	.00022	.00772	.00031	.00069	.00252	-.00248

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24230	--	--	--	--	--	--
SDev	118.7939	--	--	--	--	--	--
%RSD	.4902763	--	--	--	--	--	--
#1	24146	--	--	--	--	--	--
#2	24314	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-69666/1-a Operator: SRP
Run Time: 01/10/12 10:32:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00614	.00128	.00112	.00675	.00039	.00182	-.00010
SDev	.00266	.00070	.00159	.00010	.00001	.00049	.00018
%RSD	43.324	54.806	141.90	1.4870	2.7464	27.225	177.00
#1	-.00426	.00079	-.00000	.00682	.00040	.00217	-.00023
#2	-.00802	.00178	.00224	.00668	.00038	.00147	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02686	.00038	-.00007	.00376	.01924	-.00024	-.00006
SDev	.00505	.00026	.00043	.00017	.03437	.00003	.00052
%RSD	18.791	67.419	637.75	4.5091	178.64	11.800	887.77
#1	.02329	.00056	-.00037	.00388	-.00506	-.00026	.00031
#2	.03043	.00020	.00024	.00364	.04354	-.00022	-.00042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	-.01382	.00045	.00108	.00066	-.12369	.01856
SDev	.00328	.00221	.00000	.00014	.00003	.01043	.00074
%RSD	550.20	16.023	.12297	13.115	4.5920	8.4318	4.0069
#1	-.00292	-.01539	.00045	.00118	.00064	-.13107	.01908
#2	.00172	-.01226	.00045	.00098	.00069	-.11632	.01803

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	-.12994	.00759	.00011	-.00303	.00085	.00033
SDev	.00072	.20889	.00838	.00000	.00121	.00106	.00003
%RSD	387.31	160.76	110.45	3.1221	39.809	124.39	7.6126
#1	-.00069	-.27765	.00166	.00012	-.00218	.00010	.00034
#2	.00032	.01777	.01352	.00011	-.00388	.00160	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00334	-.00052	.00017	.00279	-.00229
SDev	.00052	.00006	.00287	.00221	.00430	.00277
%RSD	267.89	1.8200	550.33	1279.0	154.20	121.20
#1	.00056	.00330	-.00255	.00174	-.00025	-.00425
#2	-.00017	.00338	.00151	-.00139	.00583	-.00033

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24890	--	--	--	--	--	--
SDev	28.28427	--	--	--	--	--	--
%RSD	.1136371	--	--	--	--	--	--
#1	24910	--	--	--	--	--	--
#2	24870	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69666/2-a Operator: SRP
Run Time: 01/10/12 10:36:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.543	1.0181	1.0574	1.0158	.54575	1.0338	.51055
SDev	.073	.0088	.0047	.0082	.00405	.0069	.00320
%RSD	.69379	.86314	.44546	.80410	.74251	.66403	.62701
#1	10.595	1.0243	1.0608	1.0216	.54862	1.0387	.51281
#2	10.491	1.0118	1.0541	1.0100	.54289	1.0290	.50829

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.491	1.0574	1.0715	1.0735	10.489	.48463	1.0355
SDev	.076	.0082	.0068	.0084	.072	.00272	.0099
%RSD	.72720	.77680	.63583	.78584	.69113	.56130	.95559

#1	10.545	1.0632	1.0763	1.0794	10.541	.48655	1.0425
#2	10.437	1.0516	1.0667	1.0675	10.438	.48271	1.0285

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0972	10.604	1.0426	1.0564	1.0210	10.379	1.0411
SDev	.0054	.076	.0073	.0075	.0100	.068	.0069
%RSD	.49197	.71825	.69993	.70632	.98304	.65580	.66691
#1	1.1010	10.658	1.0478	1.0617	1.0281	10.427	1.0460
#2	1.0934	10.550	1.0374	1.0511	1.0140	10.331	1.0361

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52699	9.8994	10.095	.49597	.99782	1.0593	1.0572
SDev	.00287	.0196	.054	.00422	.00096	.0083	.0076
%RSD	.54543	.19792	.53404	.85187	.09643	.78762	.72040
#1	.52902	9.9132	10.133	.49895	.99850	1.0652	1.0626
#2	.52495	9.8855	10.056	.49298	.99714	1.0534	1.0518

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0638	1.0345	1.0465	1.0300	1.1016	1.0950
SDev	.0078	.0070	.0094	.0101	.0091	.0036
%RSD	.73167	.67753	.90083	.98341	.82292	.32548
#1	1.0693	1.0394	1.0532	1.0372	1.1080	1.0975
#2	1.0582	1.0295	1.0398	1.0228	1.0952	1.0925

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23972	--	--	--	--	--	--
SDev	83.43860	--	--	--	--	--	--
%RSD	.3480669	--	--	--	--	--	--
#1	23913	--	--	--	--	--	--
#2	24031	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-69625/1-c Operator: SRP

Run Time: 01/10/12 10:40:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00108	.00173	-.00124	.00472	.00043	.02812	-.00004
SDev	.00732	.00558	.00119	.00019	.00003	.00217	.00018
%RSD	678.90	322.08	95.391	3.9967	6.0713	7.7050	505.59
#1	.00410	.00568	-.00040	.00486	.00045	.02965	.00009
#2	-.00625	-.00221	-.00208	.00459	.00041	.02659	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08421	.00082	-.00008	.00455	-.00329	-.00006	-.00028
SDev	.00019	.00088	.00013	.00108	.01919	.00008	.00068
%RSD	.22659	107.00	154.38	23.805	583.20	133.11	243.65
#1	.08434	.00145	-.00017	.00532	-.01686	-.00000	.00020
#2	.08407	.00020	.00001	.00379	.01028	-.00012	-.00076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00145	.00052	.00264	.00037	-.03505	.02456
SDev	.00273	.00719	.00014	.00114	.00005	.05006	.00576
%RSD	633.82	495.80	26.952	43.182	13.034	142.82	23.455
#1	.00236	.00654	.00061	.00345	.00040	.00035	.02863
#2	-.00150	-.00364	.00042	.00184	.00034	-.07044	.02048

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	167.77	130.77	.00028	-.00156	.00279	.00045
SDev	.00038	.82	.80	.00008	.00022	.00131	.00037
%RSD	1333.1	.48778	.61298	29.623	14.226	46.986	83.269
#1	-.00030	168.35	131.34	.00034	-.00171	.00372	.00071
#2	.00024	167.19	130.20	.00022	-.00140	.00186	.00018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.00497	-.00003	-.00040	.00187	-.00029
SDev	.00116	.00007	.00135	.00170	.00130	.00475
%RSD	149.28	1.4201	4640.5	419.58	69.449	1628.8
#1	.00159	.00502	-.00099	.00080	.00095	.00306
#2	-.00004	.00492	.00093	-.00161	.00280	-.00365

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24586	--	--	--	--	--	--
SDev	193.7473	--	--	--	--	--	--
%RSD	.7880390	--	--	--	--	--	--
#1	24449	--	--	--	--	--	--

#2	24723	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48299-a-10-c Operator: SRP
Run Time: 01/10/12 10:44:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03392	.00025	.00165	.09582	.00044	.10080	.00013
SDev	.00026	.00064	.00042	.00069	.00000	.00112	.00004

%RSD	.76437	251.90	25.650	.72191	.58800	1.1138	31.755
#1	.03410	.00070	.00195	.09630	.00044	.10159	.00016
#2	.03374	-.00020	.00135	.09533	.00044	.10000	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.064	.00074	.00109	.00445	.11741	-.00001	-.00004
SDev	.242	.00019	.00012	.00025	.00315	.00003	.00024
%RSD	.92847	26.220	10.933	5.6599	2.6860	542.57	650.63
#1	26.235	.00088	.00118	.00462	.11518	.00002	.00013
#2	25.893	.00061	.00101	.00427	.11964	-.00003	-.00020

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	.92465	.08522	.00190	.00188	.27200	.55770
SDev	.00043	.01225	.00077	.00047	.00010	.03053	.00993
%RSD	593.17	1.3252	.89958	24.937	5.3287	11.223	1.7814
#1	.00023	.93331	.08576	.00223	.00195	.29358	.56473
#2	-.00037	.91598	.08468	.00156	.00180	.25041	.55068

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	119.15	98.537	.04037	-.00299	.00229	.00074
SDev	.00003	.61	.391	.00025	.00143	.00096	.00007
%RSD	11.623	.51030	.39632	.60849	47.729	41.687	9.5206
#1	-.00030	119.58	98.813	.04054	-.00400	.00162	.00069
#2	-.00026	118.72	98.260	.04019	-.00198	.00297	.00078

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.02424	-.00081	.00035	.00154	-.00088
SDev	.00010	.00026	.00135	.00032	.00019	.00074
%RSD	18.451	1.0622	166.72	91.622	12.682	83.996
#1	.00059	.02442	.00014	.00012	.00140	-.00036
#2	.00045	.02406	-.00176	.00058	.00168	-.00140

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24354	--	--	--	--	--	--
SDev	133.6432	--	--	--	--	--	--

%RSD	.5487637	--	--	--	--	--	--
#1	24259	--	--	--	--	--	--
#2	24448	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48285-a-1-d Operator: SRP
Run Time: 01/10/12 10:48:14
Comment: TRACE 61E

Analysis Report 01/10/12 10:52:02 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02532	.00081	.00175	.01283	.00038	.06558	.00134
SDev	.00054	.00076	.00037	.00003	.00001	.00042	.00002
%RSD	2.1428	93.263	21.127	.22737	1.3843	.64419	1.8302
#1	.02570	.00028	.00149	.01286	.00037	.06528	.00132
#2	.02494	.00134	.00201	.01281	.00038	.06588	.00135

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.259	.00849	.00463	.00842	1.7676	.00150	.00095
SDev	.054	.00005	.00004	.00018	.0028	.00000	.00027
%RSD	.18334	.53270	.87699	2.1662	.15683	.06173	28.631
#1	29.297	.00845	.00466	.00829	1.7695	.00150	.00114
#2	29.221	.00852	.00461	.00855	1.7656	.00150	.00076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00238	.63089	.14176	.00166	.08792	.69526	.92911
SDev	.00221	.00253	.00033	.00043	.00028	.00158	.00267
%RSD	92.773	.40041	.23537	26.090	.31742	.22776	.28761
#1	-.00082	.63268	.14200	.00136	.08772	.69414	.93100
#2	-.00394	.62911	.14153	.00197	.08811	.69638	.92722

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	180.24	139.26	.07316	-.00022	.00285	.00003
SDev	.00044	.32	.53	.00030	.00106	.00114	.00009
%RSD	631.49	.17577	.38094	.41354	483.46	39.984	266.52
#1	-.00038	180.47	139.63	.07338	-.00097	.00204	-.00003
#2	.00024	180.02	138.88	.07295	.00053	.00365	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.82494	-.00023	.00154	-.00069	-.00323
SDev	.00018	.00234	.00053	.00067	.00112	.00275
%RSD	226.02	.28319	234.29	43.660	163.53	85.252
#1	-.00005	.82659	-.00060	.00202	.00011	-.00128
#2	.00021	.82329	.00015	.00106	-.00148	-.00517

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	24504	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0259716	--	--	--	--	--	--
#1	24499	--	--	--	--	--	--
#2	24508	--	--	--	--	--	--

Analysis Report 01/10/12 10:52:02 AM page 15

Method: 20076010 Sample Name: 600-48412-a-3-c Operator: SRP
Run Time: 01/10/12 10:52:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01098	-.00079	.00235	.10563	.00038	.02114	.00038
SDev	.00159	.00099	.00041	.00035	.00002	.00045	.00024
%RSD	14.459	124.76	17.592	.32859	3.8675	2.1314	64.964
#1	.01210	-.00149	.00205	.10587	.00037	.02082	.00055
#2	.00985	-.00009	.00264	.10538	.00039	.02146	.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.995	.00023	.00171	.00378	.05067	.00016	.00020
SDev	.124	.00009	.00075	.00001	.03777	.00002	.00069
%RSD	.19344	40.009	43.845	.37716	74.538	15.616	344.97
#1	64.082	.00030	.00224	.00379	.07738	.00014	-.00029
#2	63.907	.00017	.00118	.00377	.02396	.00017	.00069

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	1.2690	.35453	.00198	.00214	.16142	1.0030
SDev	.00196	.0026	.00082	.00054	.00073	.01638	.0038
%RSD	280.97	.20214	.23131	27.451	34.183	10.146	.38329
#1	.00069	1.2708	.35511	.00236	.00265	.14984	1.0057
#2	-.00209	1.2672	.35395	.00159	.00162	.17300	1.0002

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	166.29	130.51	.09552	-.00013	.00285	.00015
SDev	.00101	1.20	.38	.00032	.00241	.00171	.00013
%RSD	142.50	.72162	.29087	.33108	1866.6	60.148	87.225
#1	.00142	167.14	130.78	.09574	.00158	.00406	.00006
#2	-.00001	165.44	130.25	.09530	-.00183	.00164	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.01625	.00369	-.00154	.00662	-.00436
SDev	.00018	.00002	.00380	.00294	.00398	.00095
%RSD	87.477	.10189	102.95	190.45	60.173	21.884
#1	.00033	.01624	.00637	-.00362	.00943	-.00368
#2	.00008	.01626	.00100	.00053	.00380	-.00503

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24700	--	--	--	--	--	--

SDev	41.71930	--	--	--	--	--	--
%RSD	.1689075	--	--	--	--	--	--
#1	24729	--	--	--	--	--	--
#2	24670	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48412-a-3-d ms Operator: SRP
Run Time: 01/10/12 10:55:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.785	1.0122	1.0533	1.0940	.53421	1.0515	.49324
SDev	.037	.0020	.0089	.0047	.00211	.0038	.00207
%RSD	.34642	.19781	.84080	.42687	.39485	.36080	.41947
#1	10.811	1.0108	1.0596	1.0973	.53570	1.0542	.49470
#2	10.759	1.0136	1.0471	1.0907	.53272	1.0488	.49178

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.922	1.0238	1.0386	1.0741	10.121	.55567	1.0099
SDev	.336	.0041	.0050	.0039	.047	.00259	.0017
%RSD	.44218	.39952	.48497	.36115	.45963	.46636	.16834
#1	76.159	1.0267	1.0421	1.0769	10.154	.55751	1.0111
#2	75.684	1.0209	1.0350	1.0714	10.088	.55384	1.0087

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1061	11.592	1.3688	1.0346	.99455	13.511	2.0669
SDev	.0009	.062	.0057	.0018	.00801	.071	.0121
%RSD	.08306	.53120	.41671	.17676	.80563	.52583	.58544
#1	1.1055	11.635	1.3729	1.0359	1.0002	13.562	2.0754
#2	1.1068	11.548	1.3648	1.0333	.98888	13.461	2.0583

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52133	187.46	146.25	.58321	.99500	1.0504	1.0339
SDev	.00251	.99	.65	.00227	.00034	.0089	.0040
%RSD	.48162	.52748	.44739	.38987	.03396	.84622	.39170
#1	.52311	188.16	146.72	.58482	.99524	1.0567	1.0368
#2	.51956	186.76	145.79	.58160	.99476	1.0441	1.0311

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0444	1.0296	1.0206	1.0046	1.1103	1.1041
SDev	.0050	.0045	.0054	.0001	.0028	.0028
%RSD	.47889	.43492	.52922	.01497	.24971	.25039
#1	1.0479	1.0328	1.0244	1.0045	1.1123	1.1021

#2	1.0409	1.0264	1.0168	1.0047	1.1083	1.1060

Analysis Report 01/10/12 10:59:44 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23993	--	--	--	--	--	--
SDev	19.79899	--	--	--	--	--	--
%RSD	.0825199	--	--	--	--	--	--
#1	23979	--	--	--	--	--	--
#2	24007	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48412-a-3-e msd Operator: SRP
Run Time: 01/10/12 10:59:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.537	.99134	1.0349	1.0698	.52289	1.0321	.48162
SDev	.057	.00404	.0119	.0050	.00490	.0093	.00576
%RSD	.53777	.40756	1.1459	.46898	.93763	.89892	1.1958
#1	10.577	.99420	1.0433	1.0733	.52636	1.0387	.48569
#2	10.497	.98848	1.0266	1.0662	.51943	1.0255	.47755

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.021	1.0001	1.0141	1.0501	9.8853	.54283	.98704
SDev	.761	.0101	.0087	.0053	.0962	.00280	.00541
%RSD	1.0285	1.0050	.86049	.50512	.97295	.51642	.54802
#1	74.559	1.0073	1.0203	1.0539	9.9533	.54481	.99086
#2	73.482	.99304	1.0079	1.0464	9.8173	.54085	.98321

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0896	11.313	1.3368	1.0140	.96118	13.228	2.0218
SDev	.0007	.088	.0118	.0083	.00954	.064	.0098
%RSD	.06641	.78139	.87983	.81468	.99240	.48431	.48289
#1	1.0901	11.376	1.3451	1.0198	.96792	13.274	2.0287
#2	1.0891	11.251	1.3284	1.0081	.95443	13.183	2.0149

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51012	182.61	143.08	.56986	.96989	1.0271	1.0143
SDev	.00417	1.20	.77	.00315	.00653	.0113	.0066
%RSD	.81738	.65898	.53804	.55268	.67274	1.1025	.64727
#1	.51306	183.46	143.62	.57208	.97451	1.0351	1.0189
#2	.50717	181.76	142.53	.56763	.96528	1.0191	1.0096

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0203	1.0065	.99125	.98493	1.0817	1.0935
SDev	.0073	.0079	.01637	.00007	.0137	.0058

%RSD	.71297	.78179	1.6518	.00738	1.2666	.52717

#1	1.0255	1.0120	1.0028	.98488	1.0914	1.0894
#2	1.0152	1.0009	.97967	.98499	1.0720	1.0976

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24302	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.2997017	--	--	--	--	--	--
#1	24250	--	--	--	--	--	--
#2	24353	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 11:03:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5750	.50118	.51846	.49025	.53178	.50317	.49656
SDev	.0022	.00127	.00089	.00137	.00090	.00099	.00076
%RSD	.08702	.25403	.17084	.27879	.16850	.19730	.15195
#1	2.5734	.50028	.51783	.49122	.53115	.50246	.49603
#2	2.5766	.50208	.51908	.48928	.53241	.50387	.49710

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.667	.51287	.51795	.52340	2.5345	.47963	.50035
SDev	.045	.00121	.00202	.00122	.0207	.00115	.00127
%RSD	.35167	.23675	.39034	.23328	.81486	.23995	.25286
#1	12.636	.51201	.51652	.52426	2.5199	.48045	.49946
#2	12.699	.51373	.51938	.52254	2.5491	.47882	.50125

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53280	5.1475	.50597	.51658	.49227	12.547	.97186
SDev	.00138	.0183	.00069	.00254	.00135	.036	.00122
%RSD	.25983	.35490	.13709	.49187	.27485	.28373	.12547
#1	.53182	5.1346	.50548	.51838	.49131	12.572	.97099
#2	.53377	5.1605	.50646	.51479	.49322	12.522	.97272

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25186	12.567	12.256	.24047	.48904	.52457	.51908
SDev	.00092	.084	.036	.00050	.00332	.00071	.00004
%RSD	.36368	.67218	.29479	.20844	.67832	.13507	.00792
#1	.25122	12.507	12.281	.24082	.48669	.52507	.51905
#2	.25251	12.626	12.230	.24011	.49139	.52407	.51911

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report Blank Sample 01/10/12 11:07:26 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51701	.50307	.50699	.49704	.53361	.53245
SDev	.00027	.00092	.00390	.00005	.00185	.00115
%RSD	.05188	.18196	.76865	.01020	.34671	.21625
#1	.51720	.50242	.50423	.49707	.53230	.53164
#2	.51682	.50371	.50974	.49700	.53492	.53326

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24463	--	--	--	--	--	--
SDev	114.5513	--	--	--	--	--	--
%RSD	.4682635	--	--	--	--	--	--
#1	24544	--	--	--	--	--	--
#2	24382	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 11:07:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00925	.00105	.00211	.00039	.00066	.00313	.00027
SDev	.00570	.00079	.00089	.00026	.00018	.00041	.00012
%RSD	61.560	75.428	42.330	65.921	27.495	13.154	43.044
#1	.00522	.00161	.00148	.00021	.00053	.00284	.00019
#2	.01328	.00049	.00274	.00057	.00078	.00342	.00036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02264	.00046	.00002	.00287	-.00329	.00005	-.00084
SDev	.00472	.00088	.00012	.00085	.00891	.00021	.00096
%RSD	20.858	192.70	545.36	29.734	271.00	400.02	114.16
#1	.01930	-.00017	-.00006	.00227	-.00959	-.00010	-.00151
#2	.02598	.00108	.00010	.00347	.00301	.00021	-.00016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00098	-.00916	.00037	.00251	.00012	-.13242	.01328
SDev	.00027	.00747	.00030	.00162	.00009	.03800	.00430
%RSD	27.196	81.533	81.651	64.609	78.911	28.697	32.385
#1	-.00079	-.01444	.00016	.00365	.00005	-.15930	.01024
#2	-.00116	-.00388	.00058	.00136	.00018	-.10555	.01632

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	-.14099	.00567	.00016	-.00108	.00234	.00047
SDev	.00023	.00497	.00459	.00013	.00088	.00070	.00038
%RSD	49.862	3.5252	81.053	81.542	80.779	29.932	80.887

Analysis Report Blank Sample 01/10/12 11:11:17 AM page 20

#1	-.00063	-.14451	.00242	.00007	-.00170	.00184	.00020
#2	-.00030	-.13748	.00891	.00025	-.00046	.00283	.00073

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00017	-.00176	-.00037	-.00268	-.00013
SDev	.00069	.00028	.00002	.00142	.00027	.00053
%RSD	203.99	164.72	.87228	382.29	9.9485	422.12

#1	-.00015	-.00003	-.00178	-.00138	-.00286	.00025
#2	.00083	.00037	-.00175	.00063	-.00249	-.00050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24410	--	--	--	--	--	--
SDev	98.99495	--	--	--	--	--	--
%RSD	.4055508	--	--	--	--	--	--

#1	24480	--	--	--	--	--	--
#2	24340	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48412-a-6-c Operator: SRP
Run Time: 01/10/12 11:11:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00501	-.00083	.00102	.06612	.00040	.01636	.00016
SDev	.00148	.00037	.00000	.00034	.00002	.00010	.00008
%RSD	29.613	43.958	.24273	.52155	4.0027	.62654	48.253

#1	.00396	-.00109	.00103	.06637	.00039	.01628	.00011
#2	.00606	-.00058	.00102	.06588	.00041	.01643	.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.070	.00036	.00146	.00344	.01809	.00040	.00047
SDev	.530	.00022	.00048	.00018	.00834	.00001	.00011
%RSD	.67831	60.686	32.954	5.1843	46.065	1.5840	22.525

#1	78.444	.00051	.00112	.00357	.01220	.00039	.00055
#2	77.696	.00021	.00180	.00332	.02399	.00040	.00040

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00155	2.0505	.46006	.00273	.00269	.16630	.93287
SDev	.00420	.0163	.00343	.00030	.00004	.00924	.00928
%RSD	270.09	.79349	.74607	11.109	1.6178	5.5533	.99522

#1	.00141	2.0620	.46249	.00295	.00265	.17283	.93943
#2	-.00452	2.0389	.45763	.00252	.00272	.15977	.92630

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00005	172.59	135.72	.12631	-.00348	.00232	-.00007

SDev	.00015	1.30	1.08	.00087	.00051	.00153	.00007
%RSD	281.59	.75315	.79229	.69042	14.760	65.941	96.708
#1	.00016	173.51	136.48	.12693	-.00384	.00340	-.00012
#2	-.00005	171.67	134.96	.12569	-.00312	.00124	-.00002

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.04284	.00060	.00041	.00208	-.00337
SDev	.00017	.00028	.00003	.00018	.00218	.00521
%RSD	36.832	.64283	5.8224	43.366	104.36	154.43
#1	.00035	.04303	.00058	.00053	.00362	.00031
#2	.00059	.04264	.00063	.00028	.00055	-.00706

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24206	--	--	--	--	--	--
SDev	120.2082	--	--	--	--	--	--
%RSD	.4966048	--	--	--	--	--	--
#1	24121	--	--	--	--	--	--
#2	24291	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-69626/1-b Operator: SRP
Run Time: 01/10/12 11:15:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08478	.00110	.00049	.00308	.00036	.05003	-.00001
SDev	.00096	.00023	.00050	.00003	.00004	.00007	.00020
%RSD	1.1356	21.331	103.31	.83115	11.565	.14498	1570.3
#1	.08410	.00127	.00013	.00306	.00033	.04998	-.00016
#2	.08546	.00094	.00084	.00310	.00039	.05008	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88020	.00199	-.00016	.00482	.05579	-.00005	.00154
SDev	.00260	.00009	.00031	.00000	.01548	.00002	.00025
%RSD	.29525	4.7117	199.15	.01701	27.742	33.543	16.008
#1	.88204	.00193	-.00038	.00482	.04484	-.00006	.00172
#2	.87836	.00206	.00006	.00482	.06673	-.00004	.00137

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00242	.04119	.00102	.00147	.00075	-.04064	.38336
SDev	.00018	.00224	.00000	.00097	.00011	.00604	.00005
%RSD	7.3673	5.4308	.00416	66.285	15.078	14.866	.01420
#1	-.00255	.04277	.00102	.00078	.00083	-.03637	.38340

#2	-.00229	.03960	.00102	.00216	.00067	-.04491	.38333

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	10.042	9.4751	.00081	-.00245	.00134	.00230
SDev	.00037	.080	.0290	.00001	.00030	.00115	.00019
%RSD	120.76	.79882	.30643	1.3095	12.261	85.973	8.0932
#1	-.00058	9.9857	9.4956	.00080	-.00224	.00215	.00217
#2	-.00005	10.099	9.4545	.00081	-.00266	.00052	.00243

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00567	-.00004	.00233	-.00186	-.00270
SDev	.00018	.00012	.00348	.00211	.00091	.00019
%RSD	41.139	2.1478	9920.0	90.443	48.734	6.9174
#1	.00032	.00558	-.00250	.00383	-.00251	-.00257
#2	.00058	.00575	.00243	.00084	-.00122	-.00283

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24749	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	24749	--	--	--	--	--	--
#2	24749	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-2-b@10 Operator: SRP
Run Time: 01/10/12 11:19:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00779	.00041	.00023	.00958	.00031	.02391	.00005
SDev	.00035	.00124	.00250	.00005	.00000	.00037	.00009
%RSD	4.4758	302.85	1077.3	.55925	.20083	1.5395	189.05
#1	.00755	-.00047	.00200	.00962	.00031	.02417	.00011
#2	.00804	.00129	-.00153	.00954	.00031	.02365	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.88	.00010	.00056	.01192	.00460	.00178	.00232
SDev	.04	.00005	.00016	.00027	.01183	.00002	.00067
%RSD	.03360	46.965	29.016	2.2361	256.97	1.0164	29.004
#1	113.90	.00007	.00067	.01173	.01297	.00176	.00184
#2	113.85	.00014	.00044	.01211	-.00376	.00179	.00279

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	-.01509	.00019	.00365	.00247	1.0392	.05164

SDev	.00153	.00205	.00000	.00005	.00091	.0159	.00015
%RSD	178.49	13.603	.55950	1.2344	36.918	1.5289	.28970
#1	.00023	-.01654	.00019	.00369	.00311	1.0280	.05154
#2	-.00194	-.01364	.00019	.00362	.00182	1.0505	.05175

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	6.4073	6.2728	.07748	-.00012	.00352	-.00043
SDev	.00012	.1232	.0110	.00017	.00624	.00017	.00007
%RSD	89.805	1.9232	.17470	.21974	5299.0	4.9276	15.455
#1	-.00005	6.4944	6.2805	.07760	.00430	.00339	-.00038
#2	-.00022	6.3202	6.2650	.07736	-.00453	.00364	-.00048

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00653	.00365	.00165	.00222	-.00240
SDev	.00026	.00000	.00057	.00072	.00352	.00054
%RSD	92.586	.03856	15.655	43.736	158.15	22.634
#1	.00010	.00653	.00325	.00114	.00471	-.00202
#2	.00047	.00653	.00405	.00216	-.00026	-.00279

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24460	--	--	--	--	--	--
SDev	102.5305	--	--	--	--	--	--
%RSD	.4191676	--	--	--	--	--	--
#1	24533	--	--	--	--	--	--
#2	24388	--	--	--	--	--	--

Analysis Report 01/10/12 11:28:19 AM page 1

Method: 20076010 Sample Name: 600-48311-a-6-b@10 Operator: SRP
Run Time: 01/10/12 11:24:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01072	-.00042	.00168	.05861	.00028	.00755	.00013
SDev	.00156	.00091	.00065	.00038	.00000	.00011	.00024
%RSD	14.577	215.73	38.683	.64553	1.5393	1.4511	182.43
#1	.00962	-.00106	.00122	.05887	.00028	.00763	.00030
#2	.01183	.00022	.00215	.05834	.00029	.00747	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	120.80	.00081	.00070	.00976	.02108	.01660	.00331
SDev	.19	.00015	.00036	.00030	.02817	.00003	.00005
%RSD	.15476	17.944	51.729	3.0481	133.65	.17845	1.3589
#1	120.93	.00071	.00095	.00955	.04100	.01662	.00328
#2	120.67	.00091	.00044	.00997	.00116	.01658	.00334

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00242	-.01347	.00012	.00570	.00146	102.67	.04121
SDev	.00175	.00429	.00006	.00025	.00034	.55	.00020
%RSD	72.239	31.830	46.497	4.3326	23.507	.54025	.48083

#1	.00365	-.01650	.00008	.00587	.00170	103.07	.04107
#2	.00118	-.01044	.00016	.00552	.00122	102.28	.04135

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	13.767	14.091	.27593	.00084	.00341	-.00059
SDev	.00059	.147	.105	.00187	.00215	.00033	.00017
%RSD	245.25	1.0712	.74202	.67705	255.71	9.7966	28.766

#1	.00065	13.871	14.165	.27726	.00236	.00317	-.00071
#2	-.00018	13.662	14.017	.27461	-.00068	.00364	-.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00112	.00853	.00543	.00225	.00522	.00101
SDev	.00035	.00009	.00068	.00041	.00132	.00196
%RSD	31.662	1.0690	12.529	18.081	25.372	192.73

#1	.00087	.00846	.00591	.00197	.00616	.00240
#2	.00137	.00859	.00495	.00254	.00428	-.00037

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24398	--	--	--	--	--	--
SDev	70.71068	--	--	--	--	--	--
%RSD	.2898216	--	--	--	--	--	--

#1	24448	--	--	--	--	--	--
#2	24348	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-6-cdu@10 Operator: SRP
Run Time: 01/10/12 11:28:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00988	.00016	.00007	.06020	.00027	.00714	-.00003
SDev	.00182	.00044	.00089	.00029	.00001	.00040	.00017
%RSD	18.412	275.02	1284.6	.48880	2.1442	5.5575	586.26

#1	.00859	.00047	.00070	.06041	.00027	.00686	.00009
#2	.01117	-.00015	-.00056	.05999	.00028	.00742	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	123.17	.00092	.00015	.00992	.00947	.01722	.00343
SDev	.27	.00034	.00000	.00008	.00127	.00009	.00035
%RSD	.21942	36.473	.55126	.81904	13.408	.49999	10.317

#1	123.37	.00069	.00015	.00986	.01036	.01728	.00368
#2	122.98	.00116	.00015	.00998	.00857	.01716	.00318

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00179	-.01039	.00014	.00624	.00119	106.31	.04212

SDev	.00198	.00107	.00003	.00029	.00057	.44	.00097
%RSD	110.61	10.327	19.564	4.6458	48.017	.41432	2.2987
#1	.00319	-.01115	.00012	.00604	.00160	106.62	.04143
#2	.00039	-.00963	.00016	.00645	.00079	106.00	.04280

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	14.184	14.541	.28317	-.00295	.00200	-.00049
SDev	.00038	.107	.073	.00157	.00216	.00178	.00006
%RSD	511.57	.75569	.50246	.55574	73.438	88.980	12.294
#1	.00020	14.260	14.593	.28428	-.00448	.00326	-.00053
#2	-.00035	14.108	14.490	.28205	-.00142	.00074	-.00045

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00595	.00615	.00207	.00697	-.00079
SDev	.00036	.00004	.00070	.00018	.00377	.00109
%RSD	31.618	.73312	11.329	8.8137	54.131	136.99
#1	.00088	.00592	.00664	.00220	.00963	-.00002
#2	.00139	.00598	.00566	.00194	.00430	-.00156

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/10/12 11:32:10 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24082	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.0792803	--	--	--	--	--	--
#1	24068	--	--	--	--	--	--
#2	24095	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-6-dms@10 Operator: SRP
Run Time: 01/10/12 11:32:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0568	.09934	.10200	.15721	.05019	.10568	.04666
SDev	.0061	.00077	.00227	.00078	.00029	.00061	.00033
%RSD	.57531	.77187	2.2209	.49795	.56909	.57695	.71013
#1	1.0611	.09880	.10360	.15777	.05040	.10611	.04689
#2	1.0525	.09989	.10039	.15666	.04999	.10525	.04642

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	124.13	.09874	.09938	.11480	.99095	.07033	.09981
SDev	.62	.00037	.00057	.00053	.01078	.00019	.00004
%RSD	.50164	.37701	.56923	.45950	1.0882	.27349	.04083
#1	124.57	.09900	.09978	.11517	.99858	.07047	.09984
#2	123.69	.09847	.09898	.11443	.98333	.07020	.09978

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10735	.98324	.09734	.10351	.09789	108.39	.13815
SDev	.00103	.00498	.00035	.00031	.00156	.31	.00160
%RSD	.95691	.50693	.35624	.29722	1.5967	.28620	1.1548
#1	.10662	.98676	.09758	.10373	.09900	108.61	.13928
#2	.10808	.97971	.09709	.10329	.09679	108.17	.13702

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05020	15.310	15.846	.33228	.08992	.10254	.09945
SDev	.00019	.032	.069	.00160	.00336	.00352	.00022
%RSD	.38523	.20836	.43799	.48183	3.7415	3.4305	.21875
#1	.05034	15.333	15.896	.33342	.09230	.10503	.09961
#2	.05006	15.288	15.797	.33115	.08754	.10005	.09930

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10122	.10477	.10115	.09914	.10880	.10663
SDev	.00006	.00047	.00231	.00109	.00297	.00005
%RSD	.06100	.44746	2.2787	1.1009	2.7335	.05055
#1	.10126	.10510	.10278	.09837	.10669	.10659

#2	.10117	.10444	.09952	.09991	.11090	.10666

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23954	--	--	--	--	--	--
SDev	78.48885	--	--	--	--	--	--
%RSD	.3276581	--	--	--	--	--	--
#1	23899	--	--	--	--	--	--
#2	24010	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-6emsd@10 Operator: SRP
Run Time: 01/10/12 11:36:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0650	.09759	.10382	.15743	.05073	.10764	.04751
SDev	.0108	.00018	.00183	.00123	.00026	.00050	.00059
%RSD	1.0148	.18584	1.7651	.78220	.50649	.46430	1.2479
#1	1.0727	.09746	.10512	.15830	.05091	.10799	.04793
#2	1.0574	.09772	.10253	.15656	.05055	.10728	.04709

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	122.73	.09934	.10063	.11515	1.0046	.07071	.10093
SDev	.69	.00034	.00100	.00005	.0251	.00056	.00008
%RSD	.56155	.34026	.99131	.04500	2.4962	.78578	.08261
#1	123.21	.09958	.10134	.11518	1.0224	.07111	.10099

#2	122.24	.09910	.09993	.11511	.98689	.07032	.10087

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10737	.98754	.09848	.10508	.09937	107.01	.13723
SDev	.00154	.00636	.00071	.00082	.00185	.73	.00025
%RSD	1.4339	.64381	.72167	.77987	1.8652	.68552	.18002
#1	.10628	.99204	.09898	.10450	.10068	107.53	.13741
#2	.10845	.98305	.09797	.10566	.09806	106.49	.13706

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05097	15.218	15.672	.32925	.09659	.10144	.10039
SDev	.00036	.070	.146	.00228	.00277	.00118	.00067
%RSD	.71365	.46049	.93464	.69179	2.8684	1.1665	.66501
#1	.05123	15.268	15.776	.33086	.09855	.10228	.10087
#2	.05071	15.169	15.569	.32764	.09463	.10060	.09992

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10222	.10624	.10301	.09989	.10735	.10737

SDev	.00090	.00069	.00099	.00037	.00626	.00082
%RSD	.88124	.65160	.96500	.37236	5.8363	.76687
#1	.10286	.10673	.10371	.09963	.10292	.10796
#2	.10158	.10575	.10231	.10015	.11178	.10679

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24248	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1953857	--	--	--	--	--	--
#1	24214	--	--	--	--	--	--
#2	24281	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-4-b@10 Operator: SRP
Run Time: 01/10/12 11:39:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02630	.00034	.00291	.07215	.00079	.00851	.00063
SDev	.00020	.00037	.00190	.00009	.00002	.00022	.00006
%RSD	.75211	111.41	65.208	.12292	2.6347	2.5606	10.112
#1	.02644	.00060	.00425	.07222	.00081	.00836	.00067
#2	.02616	.00007	.00157	.07209	.00078	.00866	.00058

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.788	.00238	.00154	.00961	.02715	.01949	.00173
SDev	.077	.00003	.00020	.00005	.00501	.00002	.00053
%RSD	.08005	1.1392	12.894	.55598	18.447	.08758	30.546

#1	95.734	.00236	.00169	.00957	.03069	.01948	.00210
#2	95.843	.00240	.00140	.00965	.02361	.01951	.00135

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00426	.00426	.00125	.00637	.00212	106.46	.10369
SDev	.00119	.00326	.00003	.00110	.00015	.01	.00016
%RSD	28.026	76.569	2.0356	17.209	6.8293	.00591	.15923
#1	.00510	.00195	.00127	.00715	.00222	106.46	.10357
#2	.00341	.00656	.00123	.00560	.00201	106.46	.10381

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	14.017	14.313	.21141	-.00024	.00252	.00087
SDev	.00026	.050	.004	.00018	.00001	.00043	.00006
%RSD	36.742	.35346	.02719	.08541	4.1132	16.930	6.7719
#1	.00090	14.052	14.310	.21153	-.00023	.00283	.00083
#2	.00053	13.982	14.315	.21128	-.00024	.00222	.00092

Analysis Report 01/10/12 11:43:44 AM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00156	.00479	.00403	.00057	.00963	.00157
SDev	.00010	.00010	.00153	.00003	.00235	.00061
%RSD	6.1952	2.1065	37.868	4.8193	24.421	39.088
#1	.00163	.00471	.00511	.00059	.01129	.00200
#2	.00149	.00486	.00295	.00055	.00797	.00114

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24393	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.1333453	--	--	--	--	--	--
#1	24416	--	--	--	--	--	--
#2	24370	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-8-b@10 Operator: SRP
Run Time: 01/10/12 11:43:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01565	.00045	.00120	.07605	.00032	.01498	.00022
SDev	.00180	.00025	.00079	.00044	.00002	.00020	.00003
%RSD	11.506	56.286	65.937	.58515	5.4312	1.3400	11.975
#1	.01692	.00062	.00175	.07637	.00033	.01512	.00020
#2	.01437	.00027	.00064	.07574	.00031	.01484	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	129.68	.00110	.00047	.00966	.00646	.02132	.00474

SDev	1.03	.00003	.00012	.00009	.00595	.00015	.00083
%RSD	.79737	2.5926	24.797	.91895	92.144	.68243	17.579
#1	130.41	.00112	.00055	.00960	.01067	.02142	.00415
#2	128.95	.00108	.00039	.00972	.00225	.02122	.00533

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00153	-.00271	.00039	.00488	.00109	117.07	.03802
SDev	.00077	.00247	.00006	.00007	.00026	.68	.00102
%RSD	50.186	91.159	14.513	1.4392	24.052	.58046	2.6687
#1	.00099	-.00096	.00043	.00483	.00128	117.55	.03874
#2	.00207	-.00446	.00035	.00493	.00091	116.59	.03730

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	16.385	16.904	.23997	-.00292	.00271	-.00030
SDev	.00006	.077	.109	.00147	.00193	.00093	.00009

%RSD	175.85	.47265	.64716	.61386	66.276	34.456	30.106
#1	.00007	16.440	16.982	.24101	-.00155	.00205	-.00037
#2	-.00001	16.330	16.827	.23893	-.00429	.00337	-.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00439	.00323	.00549	.00583	-.00063
SDev	.00018	.00008	.00067	.00091	.00230	.00000
%RSD	48.778	1.8099	20.729	16.652	39.341	.42104
#1	.00024	.00433	.00276	.00484	.00421	-.00063
#2	.00048	.00444	.00370	.00614	.00746	-.00062

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24388	--	--	--	--	--	--
SDev	96.87363	--	--	--	--	--	--
%RSD	.3972266	--	--	--	--	--	--
#1	24319	--	--	--	--	--	--
#2	24456	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 11:48:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5277	.48890	.50426	.48130	.51803	.49076	.48860
SDev	.0195	.00428	.00362	.00238	.00506	.00389	.00530
%RSD	.77138	.87603	.71844	.49414	.97685	.79217	1.0853
#1	2.5415	.49193	.50683	.48299	.52161	.49351	.49235

#2	2.5139	.48587	.50170	.47962	.51445	.48801	.48485

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.478	.50122	.50449	.51168	2.5178	.47043	.49146
SDev	.132	.00527	.00479	.00362	.0481	.00226	.00556
%RSD	1.0566	1.0513	.94861	.70640	1.9111	.47939	1.1317
#1	12.571	.50495	.50788	.51424	2.5518	.47203	.49540
#2	12.384	.49750	.50111	.50912	2.4837	.46884	.48753

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51965	5.0375	.49667	.50449	.50241	12.357	.94600
SDev	.00173	.0553	.00489	.00228	.00773	.089	.00850
%RSD	.33337	1.0976	.98449	.45165	1.5386	.71930	.89883
#1	.52088	5.0765	.50012	.50610	.50787	12.420	.95201
#2	.51843	4.9984	.49321	.50288	.49694	12.294	.93999

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24685	12.253	12.024	.23691	.48128	.51213	.50922
SDev	.00230	.176	.040	.00143	.00247	.00809	.00391
%RSD	.93133	1.4348	.33408	.60410	.51375	1.5793	.76723
#1	.24847	12.377	12.052	.23792	.48303	.51785	.51198
#2	.24522	12.128	11.996	.23590	.47953	.50641	.50645

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50698	.49479	.49577	.48931	.51652	.52128
SDev	.00420	.00521	.00863	.00403	.00858	.00169
%RSD	.82848	1.0532	1.7398	.82363	1.6612	.32445
#1	.50995	.49848	.50187	.49216	.52259	.52008
#2	.50401	.49111	.48967	.48646	.51045	.52247

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24766	--	--	--	--	--	--
SDev	309.0057	--	--	--	--	--	--
%RSD	1.247726	--	--	--	--	--	--

#1	24547	--	--	--	--	--	--
#2	24984	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 11:52:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01389	.00178	-.00189	.00037	.00046	.00208	.00037
SDev	.00221	.00276	.00192	.00012	.00013	.00016	.00005

%RSD	15.907	154.81	101.77	32.156	27.228	7.9147	13.040
#1	.01233	.00374	-.00325	.00028	.00037	.00196	.00033
#2	.01546	-.00017	-.00053	.00045	.00055	.00220	.00040

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01687	.00035	-.00005	.00185	-.01293	-.00002	.00085
SDev	.00174	.00007	.00031	.00008	.00130	.00008	.00117
%RSD	10.340	20.254	652.00	4.5320	10.023	425.75	136.64
#1	.01563	.00040	.00017	.00179	-.01384	-.00008	.00168
#2	.01810	.00030	-.00027	.00191	-.01201	.00004	.00003

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00111	-.01527	.00034	.00186	.00006	-.15176	.00640
SDev	.00214	.00008	.00011	.00037	.00043	.01811	.00011
%RSD	191.85	.50225	31.168	20.157	736.04	11.936	1.7733
#1	.00040	-.01533	.00027	.00212	.00036	-.13895	.00632
#2	-.00263	-.01522	.00042	.00159	-.00025	-.16457	.00648

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	-.15437	.00191	.00012	-.00193	.00205	.00037
SDev	.00009	.01963	.00183	.00006	.00016	.00147	.00015
%RSD	37.965	12.718	95.558	47.418	8.2693	71.880	39.282
#1	-.00029	-.14049	.00062	.00008	-.00205	.00309	.00027
#2	-.00017	-.16826	.00320	.00016	-.00182	.00101	.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00025	-.00029	.00142	-.00098	-.00118
SDev	.00009	.00017	.00334	.00342	.00097	.00369
%RSD	34.310	68.416	1167.9	240.21	98.736	311.91
#1	.00033	.00013	-.00264	.00384	-.00166	.00143
#2	.00020	.00037	.00207	-.00099	-.00030	-.00379

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/10/12 11:56:04 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24718	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0972637	--	--	--	--	--	--
#1	24701	--	--	--	--	--	--
#2	24735	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48412-a-3-c Operator: SRP
Run Time: 01/10/12 11:56:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.455	.96169	1.0218	1.0725	.50354	1.0149	.47608
SDev	.015	.00690	.0032	.0013	.00131	.0009	.00140
%RSD	.13891	.71797	.30973	.12539	.25980	.08705	.29314
#1	10.465	.95680	1.0240	1.0734	.50446	1.0156	.47707
#2	10.444	.96657	1.0196	1.0715	.50261	1.0143	.47510

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.294	.98131	.97942	1.0387	9.7483	1.1051	.96944
SDev	.202	.00275	.00238	.0023	.0219	.0017	.00021
%RSD	.27998	.28006	.24328	.22055	.22460	.15014	.02217
#1	72.437	.98326	.98110	1.0403	9.7638	1.1063	.96959
#2	72.151	.97937	.97773	1.0371	9.7328	1.1039	.96929

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0425	11.022	1.3257	.99039	.97566	13.218	1.9745
SDev	.0032	.027	.0036	.00037	.00611	.015	.0023
%RSD	.30810	.24145	.27403	.03739	.62624	.11165	.11713
#1	1.0448	11.040	1.3282	.99065	.97998	13.228	1.9761
#2	1.0403	11.003	1.3231	.99013	.97134	13.208	1.9728

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49838	181.31	141.95	.56831	.96533	.98050	.99986
SDev	.00086	.37	.32	.00110	.00130	.00530	.00195
%RSD	.17188	.20408	.22626	.19425	.13505	.54011	.19493
#1	.49899	181.58	142.17	.56909	.96441	.98424	1.0012
#2	.49778	181.05	141.72	.56753	.96626	.97675	.99849

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99857	.99399	.97064	.96884	1.0288	1.0494
SDev	.00222	.00230	.00057	.00061	.0025	.0036
%RSD	.22217	.23152	.05882	.06274	.24265	.34018
#1	1.0001	.99562	.97023	.96927	1.0306	1.0519

#2	.99700	.99237	.97104	.96841	1.0270	1.0469	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24997	--	--	--	--	--	--
SDev	2.828427	--	--	--	--	--	--
%RSD	.0113151	--	--	--	--	--	--
#1	24999	--	--	--	--	--	--
#2	24995	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48412-a-3-c@5 Operator: SRP
Run Time: 01/10/12 11:59:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01852	.00511	.00172	.02103	.00019	.00600	.00002
SDev	.00114	.00213	.00010	.00012	.00004	.00052	.00007
%RSD	6.1344	41.593	5.5503	.55758	21.001	8.6456	299.30
#1	.01933	.00661	.00178	.02111	.00016	.00636	.00007
#2	.01772	.00361	.00165	.02094	.00021	.00563	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.625	.00028	.00033	.00143	.00289	-.00015	-.00017
SDev	.142	.00002	.00026	.00007	.02083	.00000	.00040
%RSD	1.1240	7.3819	79.492	4.7099	720.00	2.4859	239.30
#1	12.725	.00026	.00052	.00148	.01762	-.00016	.00012
#2	12.525	.00029	.00015	.00139	-.01183	-.00015	-.00046

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.22619	.06965	.00265	.00071	-.16340	.19498
SDev	.00273	.00609	.00064	.00013	.00015	.03075	.00300
%RSD	848.24	2.6912	.91684	4.8483	21.506	18.820	1.5368
#1	.00161	.23050	.07010	.00274	.00060	-.14166	.19710
#2	-.00225	.22189	.06920	.00256	.00082	-.18515	.19286

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	27.990	25.889	.01891	-.00231	-.00006	.00018
SDev	.00062	.442	.179	.00012	.00184	.00056	.00004
%RSD	223.26	1.5776	.69071	.63161	79.569	1020.6	22.063
#1	.00016	28.302	26.015	.01900	-.00361	-.00045	.00015
#2	-.00071	27.678	25.762	.01883	-.00101	.00034	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00520	-.00002	-.00024	-.00136	.00020

SDev	.00008	.00013	.00040	.00081	.00069	.00375
%RSD	88.196	2.5325	2052.1	330.69	50.772	1893.3
#1	-.00016	.00510	-.00030	.00033	-.00087	.00285
#2	-.00004	.00529	.00026	-.00081	-.00185	-.00245

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25216	--	--	--	--	--	--
SDev	193.0402	--	--	--	--	--	--
%RSD	.7655311	--	--	--	--	--	--
#1	25080	--	--	--	--	--	--
#2	25353	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-69585/1-a Operator: SRP
Run Time: 01/10/12 12:03:49

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02119	.00211	.00051	.01530	.00011	.00184	.00007
SDev	.00003	.00329	.00000	.00004	.00001	.00004	.00004
%RSD	.12922	156.17	.46417	.28999	7.3411	2.3611	54.045
#1	.02117	.00444	.00051	.01534	.00011	.00187	.00004
#2	.02121	-.00022	.00051	.01527	.00012	.00181	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05031	.00104	-.00013	.00735	.02522	-.00028	.00037
SDev	.00018	.00003	.00003	.00047	.00603	.00002	.00117
%RSD	.36488	2.9482	24.198	6.3266	23.897	7.8321	319.40
#1	.05018	.00107	-.00010	.00768	.02096	-.00026	-.00046
#2	.05044	.00102	-.00015	.00702	.02948	-.00029	.00120

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00218	-.01873	.00458	.00173	.00038	-.14409	.01138
SDev	.00030	.00296	.00006	.00061	.00060	.01975	.00093
%RSD	13.707	15.782	1.2551	35.087	157.85	13.709	8.2009
#1	-.00197	-.01664	.00462	.00216	-.00004	-.13012	.01204
#2	-.00239	-.02082	.00454	.00130	.00080	-.15805	.01072

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.02405	.01887	.00034	-.00538	.03228	.00031
SDev	.00017	.06519	.00331	.00001	.00051	.00019	.00008
%RSD	86.960	271.04	17.557	2.7958	9.5150	.57906	26.616
#1	.00008	-.02204	.02121	.00035	-.00502	.03241	.00025
#2	.00032	.07015	.01653	.00033	-.00574	.03215	.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00699	.00204	-.00047	-.00829	.00087
SDev	.00010	.00002	.00136	.00244	.00336	.00213
%RSD	24.741	.20901	66.383	517.76	40.503	243.95
#1	.00045	.00700	.00300	-.00220	-.01067	.00238
#2	.00032	.00698	.00108	.00125	-.00592	-.00063

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24820	--	--	--	--	--	--
SDev	164.7559	--	--	--	--	--	--
%RSD	.6637895	--	--	--	--	--	--
#1	24704	--	--	--	--	--	--
#2	24937	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69585/2-a Operator: SRP
Run Time: 01/10/12 12:07:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.919	.81489	1.1907	2.1507	1.4144	.80115	.68145
SDev	.078	.00449	.0028	.0005	.0017	.00041	.00091
%RSD	.10996	.55132	.23118	.02102	.11858	.05149	.13344
#1	70.974	.81171	1.1927	2.1510	1.4132	.80085	.68081
#2	70.863	.81806	1.1888	2.1504	1.4155	.80144	.68209

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	93.572	.94905	1.3341	1.0495	142.35	.07134	1.1408
SDev	.063	.00088	.0005	.0001	.02	.00009	.0027
%RSD	.06755	.09223	.03680	.00977	.01572	.12574	.24073
#1	93.527	.94843	1.3345	1.0494	142.33	.07140	1.1388
#2	93.617	.94967	1.3338	1.0496	142.36	.07128	1.1427

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8277	34.738	5.8664	.93862	1.2826	42.171	6.7836
SDev	.0002	.011	.0024	.00365	.0011	.042	.0030
%RSD	.01103	.03142	.04108	.38874	.08711	.09907	.04357
#1	1.8278	34.730	5.8647	.93604	1.2834	42.201	6.7815
#2	1.8276	34.746	5.8681	.94120	1.2818	42.142	6.7857

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40916	3.6788	6.1552	2.1683	1.3701	1.3854	3.3207
SDev	.00005	.0580	.0095	.0001	.0016	.0064	.0020

%RSD	.01246	1.5769	.15511	.00458	.12009	.46166	.05952
#1	.40912	3.7199	6.1620	2.1684	1.3690	1.3809	3.3193
#2	.40919	3.6378	6.1485	2.1682	1.3713	1.3900	3.3221

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56422	1.8862	1.1282	1.1470	1.7980	1.8425
SDev	.00023	.0017	.0002	.0042	.0002	.0002
%RSD	.04014	.09138	.01921	.36857	.01042	.01132
#1	.56406	1.8850	1.1284	1.1440	1.7982	1.8427
#2	.56438	1.8875	1.1280	1.1500	1.7979	1.8424

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26490	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--
%RSD	.0533867	--	--	--	--	--	--
#1	26480	--	--	--	--	--	--

#2	26500	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48363-a-1-b Operator: SRP
Run Time: 01/10/12 12:11:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3419	.00081	.02532	.45982	.00012	.61776	.02791
SDev	.0016	.00160	.00018	.00024	.00006	.00031	.00013
%RSD	.03021	198.23	.71769	.05193	45.628	.05036	.45446
#1	5.3408	.00194	.02519	.45965	.00016	.61798	.02800
#2	5.3431	-.00032	.02545	.45999	.00008	.61754	.02782

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.909	.02559	.86664	.18304	11.473	.01078	.03678
SDev	.008	.00024	.00112	.00015	.018	.00001	.00060
%RSD	.02089	.92139	.12978	.08225	.15425	.04889	1.6209
#1	36.903	.02576	.86743	.18315	11.486	.01078	.03720
#2	36.914	.02543	.86584	.18293	11.461	.01078	.03636

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01452	1.6620	.19879	.24142	.05353	2.1001	7.6075
SDev	.00181	.0004	.00007	.00146	.00065	.0035	.0109
%RSD	12.440	.02355	.03774	.60694	1.2183	.16744	.14291
#1	.01580	1.6623	.19884	.24246	.05399	2.1026	7.5998
#2	.01325	1.6618	.19874	.24039	.05307	2.0976	7.6152

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	84.805	73.247	.04933	-.02611	.91207	.20757
SDev	.00061	.056	.024	.00002	.00317	.00139	.00028
%RSD	50.635	.06640	.03238	.04888	12.127	.15292	.13552
#1	.00164	84.765	73.231	.04935	-.02387	.91305	.20777
#2	.00077	84.844	73.264	.04932	-.02835	.91108	.20737

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00424	9.3294	.03866	.03584	.03005	.00676
SDev	.00001	.0035	.00209	.00015	.00291	.00126
%RSD	.33004	.03743	5.4056	.42051	9.6859	18.562
#1	.00425	9.3269	.04014	.03573	.03211	.00765
#2	.00423	9.3319	.03718	.03595	.02799	.00587

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24566	--	--	--	--	--	--
SDev	.7071068	--	--	--	--	--	--
%RSD	.0028783	--	--	--	--	--	--

#1	24567	--	--	--	--	--	--
#2	24566	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48059-a-2-a Operator: SRP
Run Time: 01/10/12 12:15:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	166.34	-.00110	.05736	1.1927	.01534	.00579	.00434
SDev	.12	.00063	.00183	.0004	.00003	.00037	.00017
%RSD	.07484	57.369	3.1908	.03746	.19569	6.4396	3.9944
#1	166.43	-.00154	.05607	1.1923	.01536	.00553	.00446
#2	166.25	-.00065	.05866	1.1930	.01532	.00606	.00421

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.394	.20345	.07522	.07668	283.52	.04155	.16206
SDev	.012	.00010	.00006	.00023	.26	.00005	.00146
%RSD	.03372	.04978	.08484	.30689	.09133	.12977	.90276
#1	34.402	.20353	.07518	.07684	283.70	.04159	.16103
#2	34.385	.20338	.07527	.07651	283.34	.04152	.16310

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00296	20.486	.19802	.00603	.11323	4.5454	6.5718
SDev	.00447	.012	.00020	.00024	.00008	.0144	.0101
%RSD	151.14	.06049	.09976	3.9091	.07446	.31621	.15436

#1	-.00020	20.495	.19816	.00620	.11329	4.5556	6.5790
#2	.00613	20.477	.19788	.00586	.11317	4.5353	6.5646

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00273	4.6003	4.7260	.47446	-.04329	.03568	.32053
SDev	.00050	.0350	.0053	.00000	.00406	.00159	.00048
%RSD	18.196	.76148	.11235	.00027	9.3767	4.4646	.15005
#1	-.00238	4.6250	4.7297	.47446	-.04616	.03681	.32087
#2	-.00308	4.5755	4.7222	.47446	-.04042	.03456	.32019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41208	.21681	.12321	.18149	-.00274	.00581
SDev	.00012	.00058	.00206	.00322	.00266	.00539
%RSD	.02975	.26774	1.6688	1.7756	96.966	92.650
#1	.41199	.21640	.12466	.17921	-.00462	.00200
#2	.41216	.21722	.12175	.18377	-.00086	.00962

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29537	--	--	--	--	--	--

SDev	106.0660	--	--	--	--	--	--
%RSD	.3590954	--	--	--	--	--	--
#1	29462	--	--	--	--	--	--
#2	29612	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48059-a-2-b du Operator: SRP
Run Time: 01/10/12 12:19:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	195.06	.00210	.08234	1.2222	.01636	.00748	.00483
SDev	.09	.00448	.00085	.0011	.00005	.00010	.00040
%RSD	.04761	213.10	1.0373	.08812	.28348	1.2676	8.2360
#1	195.13	-.00106	.08295	1.2229	.01640	.00741	.00511
#2	195.00	.00527	.08174	1.2214	.01633	.00755	.00455

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.867	.23762	.08234	.08982	319.73	.04969	.17625
SDev	.019	.00045	.00065	.00019	.07	.00004	.00012
%RSD	.03888	.19035	.78607	.21540	.02211	.07238	.06664
#1	48.881	.23794	.08280	.08968	319.78	.04971	.17617
#2	48.854	.23730	.08189	.08996	319.68	.04966	.17634

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	23.429	.28316	.00880	.12604	5.6639	6.7843
SDev	.00191	.016	.00028	.00099	.00038	.0024	.0057
%RSD	39.663	.06629	.09981	11.270	.30347	.04227	.08402
#1	.00347	23.440	.28336	.00951	.12577	5.6622	6.7884
#2	.00617	23.418	.28296	.00810	.12631	5.6656	6.7803

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00284	5.0429	5.2998	.55780	-.05018	.03914	.35880
SDev	.00008	.0089	.0011	.00010	.00232	.00051	.00032
%RSD	2.6623	.17628	.02119	.01698	4.6138	1.3112	.08819
#1	-.00290	5.0366	5.3006	.55787	-.05182	.03950	.35903
#2	-.00279	5.0491	5.2990	.55773	-.04854	.03878	.35858

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50967	.25578	.13017	.19929	-.00095	.00770
SDev	.00012	.00020	.00172	.00103	.00043	.00265
%RSD	.02370	.07998	1.3186	.51904	45.521	34.417
#1	.50976	.25592	.13139	.19856	-.00125	.00583
#2	.50959	.25564	.12896	.20002	-.00064	.00958

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29568	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1076175	--	--	--	--	--	--
#1	29545	--	--	--	--	--	--
#2	29590	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48059-a-2-c ms Operator: SRP
Run Time: 01/10/12 12:23:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	248.20	.32730	.84161	1.9231	.43226	.47471	.39548
SDev	.24	.00064	.00001	.0031	.00009	.00080	.00033
%RSD	.09735	.19535	.00150	.16188	.02134	.16792	.08433
#1	248.03	.32775	.84162	1.9209	.43232	.47527	.39572
#2	248.37	.32685	.84160	1.9253	.43219	.47414	.39525

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.021	1.0550	.88866	.97762	322.72	.50463	.95481
SDev	.006	.0005	.00046	.00059	.13	.00050	.00342
%RSD	.01203	.05057	.05222	.06031	.04023	.09952	.35829

#1	47.017	1.0546	.88834	.97720	322.63	.50427	.95239
#2	47.025	1.0553	.88899	.97804	322.81	.50498	.95723

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74626	33.371	1.0136	.72580	.92704	16.358	7.1141
SDev	.00363	.012	.0004	.00272	.00227	.021	.0044
%RSD	.48664	.03494	.03890	.37443	.24529	.12629	.06177
#1	.74883	33.363	1.0133	.72388	.92865	16.344	7.1110
#2	.74369	33.379	1.0138	.72772	.92543	16.373	7.1172

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42079	14.542	15.056	.95412	.74150	.78412	.72129
SDev	.00006	.107	.008	.00149	.00157	.00178	.00079
%RSD	.01530	.73269	.05641	.15641	.21164	.22681	.10993
#1	.42084	14.617	15.050	.95307	.74039	.78286	.72073
#2	.42075	14.467	15.062	.95518	.74261	.78538	.72185

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2858	1.0835	.89428	.98507	.72453	.75712
SDev	.0001	.0013	.00538	.00244	.00055	.00572
%RSD	.01033	.11822	.60192	.24771	.07630	.75600
#1	1.2857	1.0826	.89047	.98335	.72414	.76117
#2	1.2858	1.0844	.89808	.98680	.72492	.75308

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28632	--	--	--	--	--	--
SDev	.7071068	--	--	--	--	--	--
%RSD	.0024696	--	--	--	--	--	--
#1	28633	--	--	--	--	--	--
#2	28632	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48059-a-2-d msd Operator: SRP
Run Time: 01/10/12 12:26:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	246.68	.33816	.87085	2.0200	.44691	.50534	.41022
SDev	.10	.00260	.00465	.0001	.00033	.00126	.00030
%RSD	.04177	.76742	.53410	.00302	.07445	.24852	.07407
#1	246.76	.33632	.87414	2.0200	.44715	.50445	.41044
#2	246.61	.33999	.86756	2.0199	.44668	.50623	.41001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.699	1.0810	.91622	1.0060	330.40	.51552	.98928
SDev	.043	.0021	.00080	.0005	.04	.00012	.00180
%RSD	.09535	.19048	.08686	.05131	.01110	.02372	.18227
#1	44.729	1.0824	.91679	1.0063	330.37	.51543	.99056
#2	44.669	1.0795	.91566	1.0056	330.42	.51560	.98801

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77240	33.612	1.0563	.75647	.95203	16.654	7.2826
SDev	.00265	.033	.0010	.00037	.00100	.015	.0041
%RSD	.34329	.09827	.09937	.04866	.10529	.08901	.05598
#1	.77428	33.636	1.0570	.75673	.95274	16.664	7.2854
#2	.77053	33.589	1.0555	.75621	.95132	16.643	7.2797

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43374	14.830	15.321	.96646	.78130	.81241	.76456
SDev	.00042	.072	.007	.00103	.00506	.00008	.00019
%RSD	.09642	.48546	.04470	.10633	.64804	.00935	.02428
#1	.43403	14.881	15.326	.96573	.77772	.81247	.76470
#2	.43344	14.779	15.316	.96718	.78488	.81236	.76443

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3217	1.1076	.92717	1.0203	.74671	.78525
SDev	.0020	.0003	.00152	.0019	.00113	.00341
%RSD	.15390	.02417	.16363	.19074	.15135	.43454

#1	1.3231	1.1078	.92824	1.0217	.74751	.78766
#2	1.3202	1.1074	.92610	1.0190	.74591	.78283

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28379	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1544826	--	--	--	--	--	--
#1	28348	--	--	--	--	--	--
#2	28410	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 12:30:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5003	.48527	.49889	.48101	.50579	.48738	.48490
SDev	.0104	.00377	.00243	.00019	.00076	.00011	.00014

%RSD	.41405	.77713	.48797	.03893	.15065	.02336	.02941
#1	2.5076	.48794	.50061	.48115	.50633	.48746	.48480
#2	2.4929	.48260	.49717	.48088	.50525	.48730	.48500

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.308	.48921	.48995	.50090	2.5163	.46563	.48505
SDev	.017	.00058	.00102	.00073	.0158	.00066	.00128
%RSD	.13528	.11944	.20884	.14533	.62928	.14129	.26465
#1	12.320	.48962	.49067	.50141	2.5275	.46609	.48596
#2	12.296	.48879	.48923	.50038	2.5051	.46516	.48414

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50587	4.9240	.48673	.49909	.48750	12.200	.93863
SDev	.00029	.0154	.00063	.00092	.00128	.009	.00482
%RSD	.05698	.31261	.13032	.18518	.26168	.07637	.51327
#1	.50567	4.9349	.48717	.49844	.48659	12.207	.94203
#2	.50607	4.9131	.48628	.49975	.48840	12.193	.93522

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24326	12.149	11.910	.23644	.48813	.49806	.50208
SDev	.00003	.144	.020	.00003	.00330	.00059	.00032
%RSD	.01343	1.1831	.16401	.01336	.67661	.11814	.06314
#1	.24323	12.048	11.924	.23646	.49046	.49764	.50230
#2	.24328	12.251	11.896	.23641	.48579	.49847	.50185

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49754	.49029	.48211	.48652	.48964	.51404

SDev	.00032	.00090	.00251	.00067	.00006	.00046
%RSD	.06434	.18361	.52065	.13780	.01207	.08985
#1	.49776	.49093	.48389	.48699	.48968	.51372
#2	.49731	.48965	.48034	.48604	.48960	.51437

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25236	--	--	--	--	--	--
SDev	26.87006	--	--	--	--	--	--
%RSD	.1064751	--	--	--	--	--	--
#1	25255	--	--	--	--	--	--
#2	25217	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 12:34:39
Comment: TRACE 61E

Analysis Report Blank Sample 01/10/12 12:38:27 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02520	.00177	.00109	.00035	.00023	.00252	.00032
SDev	.00334	.00083	.00037	.00014	.00012	.00029	.00014
%RSD	13.236	46.939	33.748	40.108	50.084	11.453	44.058
#1	.02285	.00118	.00083	.00025	.00015	.00231	.00022
#2	.02756	.00236	.00134	.00045	.00032	.00272	.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01277	.00033	.00040	.00050	.00471	.00024	-.00001
SDev	.00298	.00037	.00031	.00049	.01627	.00010	.00031
%RSD	23.307	112.94	77.580	97.334	345.19	42.429	2492.5
#1	.01067	.00007	.00018	.00016	-.00679	.00016	-.00024
#2	.01488	.00059	.00062	.00085	.01621	.00031	.00021

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	-.01814	.00036	.00221	.00029	-.16920	.00561
SDev	.00134	.00309	.00013	.00020	.00058	.01567	.00072
%RSD	323.69	17.036	37.083	9.0267	202.11	9.2618	12.803
#1	-.00053	-.02033	.00026	.00235	-.00012	-.18028	.00612
#2	.00136	-.01595	.00045	.00207	.00070	-.15812	.00510

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	-.06404	-.00006	.00011	-.00123	.00107	.00041
SDev	.00023	.14285	.00161	.00008	.00223	.00024	.00028
%RSD	184.39	223.08	2830.9	71.824	181.34	22.554	67.547
#1	-.00029	-.16505	-.00120	.00006	.00035	.00090	.00022
#2	.00004	.03697	.00108	.00017	-.00281	.00124	.00061

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00016	.00092	-.00048	-.00040	.00082
SDev	.00060	.00014	.00011	.00053	.00259	.00072
%RSD	419.09	85.301	11.921	109.93	646.99	87.212
#1	-.00028	.00006	.00100	-.00085	-.00223	.00031
#2	.00057	.00026	.00084	-.00011	.00143	.00133

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24905	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0056784	--	--	--	--	--	--
#1	24904	--	--	--	--	--	--
#2	24906	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48406-a-1-a@10 Operator: SRP
Run Time: 01/10/12 12:38:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42518	.01430	.01423	.00491	.00044	.00239	.00164
SDev	.00071	.00129	.00171	.00003	.00002	.00168	.00004
%RSD	.16603	9.0089	12.003	.66201	5.3497	70.168	2.2305
#1	.42468	.01339	.01544	.00489	.00042	.00357	.00161
#2	.42568	.01521	.01302	.00494	.00045	.00120	.00166

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21938	.12310	.00997	428.88	98.120	.00077	.94222
SDev	.00011	.00009	.00013	.12	.083	.00012	.00209
%RSD	.05208	.07086	1.2939	.02710	.08487	15.120	.22188
#1	.21946	.12304	.01006	428.96	98.179	.00069	.94370
#2	.21930	.12316	.00988	428.80	98.061	.00085	.94075

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00228	.17025	.70175	.02366	.23787	-.09015	.68771
SDev	.00087	.00158	.00034	.00055	.00043	.00525	.00045
%RSD	38.360	.92789	.04779	2.3034	.17968	5.8215	.06561
#1	-.00289	.17137	.70199	.02405	.23757	-.08644	.68803
#2	-.00166	.16913	.70152	.02327	.23817	-.09387	.68739

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03421	13.028	.10221	.00155	-.01221	.53331	.23452
SDev	.00045	.069	.00005	.00002	.00148	.00112	.00005
%RSD	1.3024	.52918	.04794	1.1988	12.118	.20954	.02290

#1	.03453	13.076	.10224	.00154	-.01116	.53252	.23456
#2	.03390	12.979	.10217	.00156	-.01325	.53410	.23448

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01294	38.937	.92937	.94865	.00184	-.00434
SDev	.00007	.098	.00211	.00208	.00073	.00168
%RSD	.51529	.25272	.22663	.21955	39.730	38.651
#1	.01290	39.007	.93086	.95013	.00236	-.00552
#2	.01299	38.868	.92788	.94718	.00132	-.00315

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24680	--	--	--	--	--	--

Analysis Report 01/10/12 12:42:18 PM page 16

SDev	29.69848	--	--	--	--	--	--
%RSD	.1203342	--	--	--	--	--	--
#1	24659	--	--	--	--	--	--
#2	24701	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48406-a-2-a@10 Operator: SRP
Run Time: 01/10/12 12:42:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.74	-.00096	.00230	1.1918	-.00013	.00181	.00028
SDev	.31	.00033	.00122	.0006	.00002	.00024	.00003
%RSD	.14181	33.978	52.947	.04735	16.984	13.310	9.4726
#1	217.96	-.00120	.00144	1.1922	-.00014	.00198	.00030
#2	217.52	-.00073	.00316	1.1914	-.00011	.00164	.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54577	.03210	.00583	10.424	45.230	.00047	.02102
SDev	.00065	.00015	.00020	.009	.003	.00009	.00026
%RSD	.11960	.45387	3.4376	.08530	.00621	18.612	1.2303
#1	.54623	.03221	.00568	10.430	45.228	.00053	.02121
#2	.54530	.03200	.00597	10.417	45.232	.00040	.02084

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	1.2955	.07892	.00338	.02020	-.14938	.42999
SDev	.00259	.0003	.00001	.00017	.00021	.00285	.00054
%RSD	534.35	.02581	.00947	4.9219	1.0265	1.9102	.12603
#1	-.00135	1.2953	.07892	.00350	.02005	-.15139	.43037
#2	.00232	1.2958	.07891	.00326	.02035	-.14736	.42960

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.34212	.26952	.11142	-.00833	.01595	.07901

SDev	.00003	.01987	.00188	.00005	.00264	.00068	.00007
%RSD	5.7464	5.8090	.69910	.04512	31.743	4.2544	.08848
#1	.00048	.32806	.26819	.11146	-.01020	.01643	.07906
#2	.00052	.35617	.27085	.11139	-.00646	.01547	.07896

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01525	3.2843	-.02380	.04343	.00334	-.00094
SDev	.00010	.0013	.00106	.00014	.00120	.00448
%RSD	.67852	.03983	4.4390	.32287	35.876	475.97
#1	.01517	3.2834	-.02305	.04334	.00418	-.00411
#2	.01532	3.2853	-.02455	.04353	.00249	.00223

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25034	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1242818	--	--	--	--	--	--
#1	25056	--	--	--	--	--	--
#2	25012	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48406-a-3-a@10 Operator: SRP
Run Time: 01/10/12 12:46:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4141	.00087	.00099	.01578	-.00024	.08341	-.00000
SDev	.0041	.00003	.00049	.00006	.00000	.00003	.00003
%RSD	.17074	2.8283	49.601	.40499	.86687	.03343	726.77
#1	2.4170	.00085	.00064	.01583	-.00024	.08339	-.00003
#2	2.4112	.00089	.00134	.01574	-.00024	.08343	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05102	.00067	-.00010	.34448	.53908	.00033	.00129
SDev	.00033	.00002	.00003	.00962	.00156	.00002	.00078
%RSD	.65000	2.9211	31.882	2.7925	.28903	5.9423	60.563
#1	.05078	.00065	-.00008	.33768	.53797	.00035	.00074
#2	.05125	.00068	-.00012	.35129	.54018	.00032	.00184

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	-.02323	.00148	.00052	.00045	-.27223	.00896
SDev	.00052	.00356	.00006	.00070	.00005	.02290	.00076
%RSD	23.772	15.311	4.0383	134.54	11.498	8.4112	8.5220
#1	.00182	-.02071	.00152	.00102	.00042	-.25604	.00950
#2	.00256	-.02574	.00144	.00003	.00049	-.28842	.00842

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.10894	-.00279	.00162	-.00544	.00522	.00107
SDev	.00034	.03396	.00006	.00002	.00080	.00073	.00002
%RSD	171.69	31.172	1.9836	1.2633	14.611	13.973	2.0103
#1	-.00044	-.08492	-.00275	.00163	-.00600	.00470	.00105
#2	.00004	-.13295	-.00283	.00161	-.00488	.00573	.00108

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.12087	.00218	.00084	.00492	.00083
SDev	.00008	.00271	.00177	.00029	.00177	.00167
%RSD	31.397	2.2423	80.933	34.199	36.033	201.34

#1	.00019	.11895	.00093	.00064	.00617	-.00035
#2	.00030	.12279	.00343	.00105	.00366	.00201

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25308	--	--	--	--	--	--
SDev	122.3295	--	--	--	--	--	--
%RSD	.4833724	--	--	--	--	--	--
#1	25221	--	--	--	--	--	--
#2	25394	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48406-a-4-a@10 Operator: SRP
Run Time: 01/10/12 12:50:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7977	-.00036	.00465	.02206	.00003	.01802	.00002
SDev	.0525	.00033	.00008	.00063	.00001	.00060	.00019
%RSD	2.9207	92.469	1.7183	2.8477	26.552	3.3047	981.89
#1	1.8349	-.00060	.00471	.02250	.00004	.01844	.00015
#2	1.7606	-.00013	.00460	.02161	.00003	.01760	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	124.20	.00082	.21666	.15285	1.1863	.35050	.00193
SDev	3.40	.00005	.00651	.00151	.0373	.00945	.00052
%RSD	2.7364	5.9913	3.0033	.98560	3.1419	2.6959	26.947
#1	126.60	.00078	.22126	.15391	1.2127	.35718	.00230
#2	121.79	.00085	.21206	.15178	1.1600	.34382	.00156

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	10.625	.24384	.00052	.00062	-.19794	2.1762
SDev	.00320	.305	.00664	.00047	.00018	.05206	.0614
%RSD	242.36	2.8716	2.7227	89.772	29.828	26.301	2.8215
#1	-.00094	10.841	.24854	.00086	.00049	-.16113	2.2196

#2	.00359	10.410	.23915	.00019	.00075	-.23475	2.1328

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.21605	.29210	.09697	-.00663	.00922	.02052
SDev	.00016	.05961	.00994	.00270	.00278	.00015	.00052
%RSD	2685.4	27.592	3.4043	2.7843	41.940	1.6854	2.5487
#1	.00012	.25820	.29913	.09888	-.00859	.00911	.02089
#2	-.00011	.17390	.28506	.09506	-.00466	.00933	.02015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.06010	.00131	.00224	.00649	-.00126
SDev	.00011	.00046	.00106	.00025	.00047	.00504
%RSD	12.890	.76165	81.227	11.134	7.2796	399.46
#1	.00092	.06043	.00206	.00242	.00682	-.00483
#2	.00076	.05978	.00056	.00207	.00616	.00230

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25542	--	--	--	--	--	--
SDev	554.3717	--	--	--	--	--	--
%RSD	2.170432	--	--	--	--	--	--
#1	25150	--	--	--	--	--	--
#2	25934	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48406-a-5-a@10 Operator: SRP
Run Time: 01/10/12 12:53:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9784	.00131	.00105	1.0684	-.00029	.00236	-.00022
SDev	.0089	.00207	.00014	.0038	.00000	.00009	.00017
%RSD	.44743	158.58	13.098	.35289	.53622	3.5816	77.683
#1	1.9846	-.00016	.00096	1.0711	-.00029	.00230	-.00010
#2	1.9721	.00277	.00115	1.0657	-.00029	.00242	-.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	122.23	.00051	.00434	.01375	.12897	.00608	.00107
SDev	.22	.00026	.00058	.00139	.00696	.00006	.00053
%RSD	.17996	50.093	13.407	10.109	5.3995	.95575	49.294
#1	122.39	.00033	.00393	.01277	.12405	.00612	.00145
#2	122.08	.00069	.00476	.01474	.13390	.00604	.00070

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	1.2940	.01142	.00090	.00138	-.11921	.42777
SDev	.00049	.0045	.00001	.00028	.00033	.00697	.00282
%RSD	23852.	.34770	.05631	31.529	23.673	5.8436	.65911

#1	.00035	1.2972	.01143	.00070	.00161	-.12414	.42976
#2	-.00034	1.2908	.01142	.00110	.00115	-.11429	.42577

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.08478	.27777	.10120	-.00383	.03641	.24634
SDev	.00014	.00674	.00138	.00025	.00029	.00018	.00076
%RSD	652.51	7.9521	.49596	.25016	7.6267	.49312	.30722

Analysis Report 01/10/12 12:57:44 PM page 20

#1	-.00012	.08002	.27875	.10138	-.00362	.03654	.24688
#2	.00008	.08955	.27680	.10102	-.00403	.03629	.24581

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.01318	.00262	.00030	.00262	-.00131
SDev	.00009	.00040	.00111	.00024	.00089	.00029
%RSD	17.845	3.0733	42.498	78.838	34.068	21.998
#1	.00043	.01289	.00341	.00047	.00325	-.00110
#2	.00056	.01347	.00183	.00013	.00199	-.00151

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25001	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--
%RSD	.0565663	--	--	--	--	--	--
#1	24991	--	--	--	--	--	--
#2	25011	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48406-a-6-a@10 Operator: SRP
Run Time: 01/10/12 12:57:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.098	.00165	.00410	.03021	.00107	.09760	-.00001
SDev	.020	.00054	.00089	.00005	.00001	.00022	.00012
%RSD	.10417	32.926	21.684	.17332	.87312	.22636	1015.4
#1	19.112	.00126	.00347	.03025	.00108	.09745	.00007
#2	19.084	.00203	.00473	.03018	.00107	.09776	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.249	.01973	.00134	.16665	3.3755	.04191	.00097
SDev	.078	.00011	.00046	.00017	.0031	.00011	.00074
%RSD	.09924	.56700	34.478	.10506	.09270	.25112	76.034
#1	78.304	.01981	.00167	.16678	3.3777	.04198	.00045
#2	78.194	.01965	.00101	.16653	3.3733	.04183	.00149

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	1.1322	.21836	.00060	.00138	5.5610	1.3188

SDev	.00378	.0042	.00019	.00014	.00011	.0084	.0005
%RSD	641.36	.36806	.08872	23.450	8.0738	.15140	.03510
#1	-.00326	1.1351	.21850	.00070	.00146	5.5669	1.3185
#2	.00208	1.1292	.21823	.00050	.00130	5.5550	1.3192

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 01/10/12 01:01:35 PM page 21

Avge	-.00032	12.077	11.985	.27707	-.00502	.00423	.53368
SDev	.00034	.071	.024	.00041	.00119	.00029	.00085
%RSD	106.25	.58583	.19739	.14763	23.622	6.9170	.15972
#1	-.00008	12.127	12.002	.27735	-.00586	.00402	.53429
#2	-.00056	12.027	11.969	.27678	-.00418	.00444	.53308

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00416	.01090	-.00173	.00232	.00191	-.00184
SDev	.00018	.00008	.00000	.00111	.00062	.00536
%RSD	4.2281	.73373	.06171	47.733	32.448	291.89
#1	.00429	.01085	-.00173	.00154	.00147	-.00563
#2	.00404	.01096	-.00173	.00310	.00234	.00196

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25282	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.1006876	--	--	--	--	--	--
#1	25264	--	--	--	--	--	--
#2	25300	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48406-a-7-a@10 Operator: SRP
Run Time: 01/10/12 13:01:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7179	.00023	.00323	.01714	-.00035	.00193	.00010
SDev	.0087	.00139	.00064	.00008	.00001	.00006	.00015
%RSD	.50495	597.72	19.654	.48722	3.4855	2.8889	147.47
#1	1.7241	-.00075	.00368	.01720	-.00034	.00196	.00021
#2	1.7118	.00121	.00278	.01708	-.00035	.00189	-.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1132	.00083	.00093	.02260	3.0174	.00033	.00022
SDev	.0144	.00020	.00034	.00008	.0228	.00002	.00017
%RSD	.68118	24.369	36.861	.36468	.75477	7.3359	77.177
#1	2.1234	.00068	.00118	.02266	3.0335	.00035	.00034
#2	2.1031	.00097	.00069	.02255	3.0013	.00031	.00010

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	2.2352	.01807	.00064	.00292	-.24961	.51955
SDev	.00069	.0187	.00005	.00019	.00001	.02815	.00560
%RSD	86.818	.83613	.29038	30.683	.41302	11.277	1.0776
#1	-.00031	2.2484	.01811	.00050	.00293	-.22971	.52351

#2	-.00128	2.2220	.01803	.00078	.00291	-.26951	.51559

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.21004	.06833	.00306	-.00961	.01019	.22445
SDev	.00009	.09107	.00217	.00001	.00326	.00072	.00117
%RSD	40.216	43.357	3.1813	.30322	33.958	7.0771	.52036
#1	-.00028	-.27444	.06987	.00307	-.00730	.01070	.22528
#2	-.00016	-.14565	.06679	.00306	-.01192	.00968	.22363

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00187	.01398	.00080	-.00007	.00211	-.00225
SDev	.00001	.00018	.00028	.00011	.00307	.00050
%RSD	.49392	1.3173	35.359	159.47	145.84	22.390
#1	.00187	.01411	.00100	.00001	.00428	-.00260
#2	.00186	.01385	.00060	-.00015	-.00007	-.00189

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25354	--	--	--	--	--	--
SDev	146.3711	--	--	--	--	--	--
%RSD	.5773211	--	--	--	--	--	--
#1	25250	--	--	--	--	--	--
#2	25457	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48406-a-8-a@10 Operator: SRP
Run Time: 01/10/12 13:05:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4920	.00076	.00074	12.068	-.00037	.00187	-.00008
SDev	.0071	.00014	.00229	.018	.00000	.00036	.00003
%RSD	.15749	18.505	310.25	.15241	.09058	19.040	34.575
#1	4.4970	.00086	.00236	12.081	-.00037	.00162	-.00006
#2	4.4870	.00066	-.00088	12.055	-.00037	.00212	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.497	.00080	.00115	.03813	.23131	.00009	.00076
SDev	.040	.00016	.00019	.00045	.00994	.00001	.00006
%RSD	.09462	20.227	16.821	1.1689	4.2958	14.622	8.0450
#1	42.525	.00091	.00129	.03781	.22429	.00010	.00080
#2	42.468	.00069	.00101	.03844	.23834	.00008	.00071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.52131	.00958	.00064	.00289	-.07723	.40079

Analysis Report 01/10/12 01:09:18 PM page 23

SDev	.00125	.00194	.00000	.00048	.00047	.00148	.00179
%RSD	311.52	.37218	.01945	75.079	16.084	1.9202	.44621
#1	.00129	.52268	.00958	.00030	.00256	-.07828	.40205
#2	-.00048	.51993	.00958	.00098	.00322	-.07618	.39952

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.02763	.53988	.28522	-.00529	.03569	.62445
SDev	.00009	.02952	.00287	.00050	.00074	.00121	.00127
%RSD	84.927	106.82	.53114	.17393	13.971	3.4060	.20316
#1	-.00004	-.00676	.54191	.28557	-.00581	.03655	.62535
#2	-.00016	-.04850	.53785	.28487	-.00477	.03483	.62356

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	.01278	.00189	.00019	.00244	-.00062
SDev	.00000	.00000	.00042	.00012	.00264	.00056
%RSD	.55786	.02819	22.229	62.260	108.01	91.259
#1	.00079	.01278	.00219	.00011	.00430	-.00022
#2	.00080	.01278	.00159	.00027	.00058	-.00101

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25168	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0196664	--	--	--	--	--	--
#1	25165	--	--	--	--	--	--
#2	25172	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48406-a-9-a@10 Operator: SRP
Run Time: 01/10/12 13:09:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4184	.00289	.00516	.16622	.00272	.21332	-.00002
SDev	.0032	.00162	.00013	.00021	.00002	.00056	.00002
%RSD	.09309	56.194	2.4914	.12681	.83976	.26264	61.599
#1	3.4206	.00174	.00507	.16637	.00274	.21372	-.00001
#2	3.4161	.00403	.00525	.16608	.00270	.21293	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7382	.00961	.00404	.00224	.83332	.07143	-.00060
SDev	.0058	.00006	.00004	.00009	.00449	.00000	.00023
%RSD	.21072	.65427	.89268	4.0438	.53922	.00440	39.006

#1	2.7423	.00956	.00402	.00230	.83014	.07142	-.00077

#2	2.7341	.00965	.00407	.00218	.83650	.07143	-.00044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	2.5343	.11089	.00075	.00154	.67663	.46350
SDev	.00193	.0036	.00002	.00019	.00059	.00580	.00063
%RSD	1122.6	.14371	.01500	25.234	38.545	.85784	.13637
#1	-.00154	2.5369	.11090	.00062	.00196	.68074	.46395
#2	.00119	2.5317	.11087	.00088	.00112	.67253	.46305

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	-1.2979	.12926	.47200	-.00567	.00560	1.8461
SDev	.00044	.0878	.00076	.00064	.00100	.00063	.0034
%RSD	40.821	6.7632	.58465	.13615	17.553	11.181	.18659
#1	-.00138	-1.2359	.12980	.47245	-.00637	.00516	1.8486
#2	-.00076	-1.3600	.12873	.47154	-.00496	.00604	1.8437

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01105	.00695	-.00002	-.00089	.00421	-.00237
SDev	.00024	.00008	.00099	.00014	.00184	.00198
%RSD	2.2105	1.0941	4263.9	15.873	43.575	83.770
#1	.01088	.00701	-.00072	-.00079	.00292	-.00377
#2	.01122	.00690	.00067	-.00099	.00551	-.00096

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26206	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0377757	--	--	--	--	--	--
#1	26199	--	--	--	--	--	--
#2	26213	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 13:13:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4658	.48091	.49473	.48783	.48953	.48567	.48150
SDev	.0026	.00075	.00501	.00092	.00075	.00032	.00069
%RSD	.10446	.15665	1.0127	.18918	.15336	.06557	.14331
#1	2.4639	.48038	.49119	.48718	.48900	.48590	.48101
#2	2.4676	.48145	.49827	.48849	.49006	.48545	.48198

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report Blank Sample 01/10/12 01:17:00 PM page 25

Avge	12.110	.47608	.47506	.49279	2.4732	.46650	.47738
SDev	.018	.00054	.00051	.00059	.0040	.00051	.00047
%RSD	.14592	.11283	.10638	.12038	.16347	.10885	.09792
#1	12.098	.47570	.47470	.49237	2.4760	.46614	.47771
#2	12.123	.47646	.47542	.49321	2.4703	.46686	.47705

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49126	4.8089	.47779	.48937	.50433	12.203	.90622
SDev	.00073	.0050	.00053	.00415	.00044	.015	.00175
%RSD	.14829	.10420	.11128	.84811	.08762	.11892	.19299
#1	.49177	4.8054	.47741	.48644	.50464	12.193	.90498
#2	.49074	4.8125	.47817	.49231	.50402	12.213	.90745

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24165	12.181	11.926	.24013	.49068	.48207	.49858
SDev	.00020	.066	.021	.00032	.00581	.00032	.00067
%RSD	.08172	.53973	.17320	.13116	1.1834	.06688	.13417
#1	.24179	12.228	11.912	.23991	.48657	.48184	.49810
#2	.24151	12.135	11.941	.24035	.49478	.48230	.49905

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48857	.48640	.46668	.48273	.47311	.50039
SDev	.00136	.00046	.00238	.00049	.00101	.00160
%RSD	.27864	.09379	.51020	.10137	.21305	.31906
#1	.48760	.48608	.46836	.48239	.47239	.50152
#2	.48953	.48673	.46500	.48308	.47382	.49926

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25094	--	--	--	--	--	--
SDev	20.50610	--	--	--	--	--	--
%RSD	.0817155	--	--	--	--	--	--
#1	25080	--	--	--	--	--	--
#2	25109	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 13:17:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04128	.00251	.00058	.00041	-.00009	.00166	.00025
SDev	.00078	.00018	.00018	.00003	.00002	.00150	.00011
%RSD	1.9022	7.0863	31.576	6.1064	20.595	90.181	45.238

Analysis Report Blank Sample 01/10/12 01:20:52 PM page 26

#1	.04183	.00264	.00070	.00043	-.00010	.00272	.00017
#2	.04072	.00239	.00045	.00039	-.00008	.00060	.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00844	.00044	.00074	-.00052	.00901	.00013	.00030
SDev	.00063	.00012	.00008	.00015	.00463	.00002	.00026
%RSD	7.4313	26.107	10.463	28.133	51.389	15.364	86.571

#1	.00799	.00052	.00068	-.00042	.01229	.00011	.00012
#2	.00888	.00036	.00079	-.00063	.00574	.00014	.00048

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00125	-.02176	.00035	.00218	.00021	-.19956	-.00398
SDev	.00085	.00106	.00003	.00090	.00017	.00744	.00129
%RSD	68.494	4.8665	7.5226	41.492	83.225	3.7274	32.521

#1	-.00064	-.02101	.00034	.00281	.00009	-.19430	-.00307
#2	-.00185	-.02251	.00037	.00154	.00033	-.20482	-.00490

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	-.01686	-.00215	.00012	-.00169	.00263	.00056
SDev	.00020	.03977	.00122	.00001	.00148	.00082	.00004
%RSD	47.223	235.92	56.835	9.5016	87.976	31.067	6.5960

#1	.00028	.01126	-.00128	.00011	-.00064	.00205	.00058
#2	.00056	-.04498	-.00301	.00012	-.00273	.00320	.00053

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00059	.00124	-.00017	.00187	-.00281
SDev	.00035	.00005	.00026	.00026	.00072	.00164
%RSD	108.47	7.8686	20.466	148.76	38.628	58.520

#1	.00057	.00056	.00106	-.00036	.00136	-.00164
#2	.00008	.00062	.00143	.00001	.00239	-.00397

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25104	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0704191	--	--	--	--	--	--

#1	25116	--	--	--	--	--	--
#2	25091	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48059-a-14-a Operator: SRP
Run Time: 01/10/12 13:20:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.071	.00183	.05047	.54382	.00538	.01272	.00087
SDev	.177	.00149	.00054	.00105	.00001	.00026	.00023
%RSD	.20846	81.745	1.0716	.19393	.13633	2.0690	25.900
#1	85.197	.00077	.05085	.54457	.00538	.01254	.00103
#2	84.946	.00288	.05009	.54308	.00537	.01291	.00071

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.305	.10534	.03306	.05755	132.17	.01578	.10533
SDev	.024	.00032	.00026	.00014	.26	.00002	.00015
%RSD	.12529	.30573	.79621	.24041	.19512	.15396	.14500
#1	19.288	.10511	.03325	.05765	131.98	.01580	.10523
#2	19.322	.10557	.03288	.05746	132.35	.01576	.10544

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00176	9.8500	.27092	.00488	.05035	4.1208	6.7324
SDev	.00054	.0004	.00028	.00022	.00056	.0014	.0000
%RSD	30.577	.00373	.10534	4.5840	1.1213	.03392	.00019
#1	-.00214	9.8498	.27071	.00472	.04995	4.1198	6.7324
#2	-.00138	9.8503	.27112	.00504	.05075	4.1218	6.7324

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00211	2.0845	2.3228	.24954	-.01884	.03118	.46162
SDev	.00028	.0197	.0029	.00023	.00063	.00170	.00019
%RSD	13.403	.94487	.12647	.09188	3.3229	5.4385	.04162
#1	-.00191	2.0706	2.3249	.24970	-.01840	.03238	.46176
#2	-.00231	2.0984	2.3207	.24937	-.01929	.02998	.46149

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22994	.17863	.08478	.11561	-.00540	.00006
SDev	.00028	.00053	.00172	.00109	.00292	.00227
%RSD	.12411	.29560	2.0318	.94313	54.078	3651.5
#1	.23014	.17826	.08600	.11484	-.00334	-.00154
#2	.22974	.17901	.08356	.11638	-.00747	.00167

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27148	--	--	--	--	--	--
SDev	71.41779	--	--	--	--	--	--
%RSD	.2630731	--	--	--	--	--	--
#1	27097	--	--	--	--	--	--
#2	27198	--	--	--	--	--	--

01/10/12 01:28:35 PM page 28

Method: 20076010 Sample Name: 600-48059-a-14-b du Operator: SRP
Run Time: 01/10/12 13:24:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.454	.00087	.04389	.60266	.00519	.01472	.00067
SDev	.055	.00148	.00238	.00035	.00001	.00018	.00016
%RSD	.06049	170.00	5.4236	.05784	.17819	1.2397	24.113
#1	90.493	-.00018	.04220	.60290	.00518	.01459	.00079
#2	90.415	.00191	.04557	.60241	.00519	.01485	.00056

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.711	.10358	.02946	.04425	135.80	.02527	.08935
SDev	.025	.00013	.00040	.00041	.16	.00005	.00041
%RSD	.13141	.12673	1.3689	.92607	.11456	.18589	.46055
#1	18.693	.10367	.02975	.04396	135.69	.02530	.08906
#2	18.728	.10349	.02918	.04454	135.91	.02523	.08965

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	9.4414	.19602	.00409	.04849	4.3868	6.5428
SDev	.00106	.0050	.00022	.00096	.00002	.0047	.0003
%RSD	50.891	.05298	.11426	23.502	.03958	.10694	.00474
#1	.00284	9.4378	.19587	.00477	.04851	4.3835	6.5430
#2	.00134	9.4449	.19618	.00341	.04848	4.3901	6.5426

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00119	2.6126	2.8146	.23856	-.01699	.03030	.38961
SDev	.00011	.0934	.0054	.00005	.00070	.00131	.00058
%RSD	8.9920	3.5761	.19147	.01922	4.1222	4.3373	.14825
#1	-.00112	2.6787	2.8184	.23853	-.01650	.02937	.38920
#2	-.00127	2.5466	2.8108	.23860	-.01749	.03123	.39001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23546	.13693	.06724	.10041	-.00144	.00385
SDev	.00001	.00017	.00042	.00083	.00265	.00027
%RSD	.00391	.12293	.62876	.82529	184.82	6.9735
#1	.23547	.13681	.06754	.09982	.00044	.00404
#2	.23546	.13705	.06694	.10100	-.00331	.00366

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26562	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--

#1	26562	--	--	--	--	--	--
#2	26562	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48059-a-14-c ms Operator: SRP

Run Time: 01/10/12 13:28:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	145.60	.37875	.91896	1.9188	.45860	.73085	.44426
SDev	.17	.00100	.00142	.0015	.00033	.00061	.00053
%RSD	.11772	.26392	.15495	.07853	.07136	.08288	.11976
#1	145.72	.37804	.91795	1.9199	.45883	.73042	.44463
#2	145.48	.37945	.91996	1.9178	.45837	.73128	.44388

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.952	1.0267	.91487	.99186	156.82	.50464	.99388
SDev	.014	.0003	.00096	.00126	.07	.00051	.00275
%RSD	.05294	.03247	.10454	.12668	.04527	.10014	.27710
#1	26.962	1.0269	.91554	.99275	156.87	.50500	.99582
#2	26.942	1.0265	.91419	.99097	156.77	.50428	.99193

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.84482	19.751	1.2256	.84737	.99394	16.868	7.6179
SDev	.00131	.010	.0007	.00161	.00360	.038	.0043
%RSD	.15558	.05122	.05810	.18944	.36219	.22492	.05675
#1	.84575	19.759	1.2261	.84624	.99649	16.895	7.6148
#2	.84389	19.744	1.2251	.84851	.99139	16.841	7.6209

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45922	12.417	13.109	.72699	.90003	.87601	1.0324
SDev	.00025	.064	.023	.00052	.00411	.00414	.0006
%RSD	.05408	.51901	.17915	.07217	.45694	.47305	.06275
#1	.45940	12.463	13.126	.72736	.90293	.87308	1.0329
#2	.45905	12.372	13.092	.72661	.89712	.87894	1.0319

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1661	1.0782	.93288	1.0244	.79858	.86794
SDev	.0009	.0002	.00630	.0010	.00127	.00134
%RSD	.07437	.02112	.67486	.09599	.15901	.15401
#1	1.1668	1.0784	.93733	1.0251	.79948	.86888
#2	1.1655	1.0781	.92843	1.0237	.79769	.86699

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/10/12 01:32:26 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26962	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.1521111	--	--	--	--	--	--
#1	26933	--	--	--	--	--	--

#2	26991	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48059-a-14-d msd Operator: SRP
Run Time: 01/10/12 13:32:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.27	.42088	.91881	1.7934	.45725	.79755	.44639
SDev	.48	.00751	.00035	.0078	.00209	.00288	.00142
%RSD	.47288	1.7831	.03804	.43564	.45791	.36097	.31851
#1	102.62	.42619	.91905	1.7990	.45873	.79958	.44739
#2	101.93	.41558	.91856	1.7879	.45577	.79551	.44538

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.500	.98130	.91013	.97395	99.536	.48284	.96154
SDev	.092	.00517	.00472	.00555	.447	.00224	.00342
%RSD	.40695	.52636	.51855	.56998	.44859	.46299	.35578
#1	22.565	.98496	.91347	.97787	99.852	.48442	.96396
#2	22.436	.97765	.90679	.97002	99.220	.48125	.95912

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85402	16.714	1.1830	.87528	.96569	14.496	7.8601
SDev	.00651	.087	.0055	.00302	.00432	.073	.0343
%RSD	.76253	.52270	.46317	.34482	.44774	.50157	.43665
#1	.85862	16.775	1.1869	.87741	.96875	14.547	7.8844
#2	.84941	16.652	1.1792	.87315	.96264	14.444	7.8358

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45660	11.041	11.652	.65305	.91213	.88351	1.0733
SDev	.00253	.085	.053	.00291	.00052	.00346	.0047
%RSD	.55446	.76804	.45780	.44557	.05673	.39180	.43528
#1	.45839	11.101	11.690	.65511	.91249	.88596	1.0766
#2	.45481	10.981	11.615	.65099	.91176	.88107	1.0700

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0755	1.0467	.90964	.98749	.80862	.87672
SDev	.0053	.0041	.00785	.00121	.00715	.00619
%RSD	.49019	.39555	.86271	.12229	.88418	.70653
#1	1.0792	1.0497	.91519	.98834	.81367	.88110

#2	1.0718	1.0438	.90409	.98663	.80356	.87234	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26981	--	--	--	--	--	--
SDev	166.8772	--	--	--	--	--	--
%RSD	.6184989	--	--	--	--	--	--

#1	26863	--	--	--	--	--	--
#2	27099	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48385-a-1-a Operator: SRP
Run Time: 01/10/12 13:36:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.208	.81902	1.1263	70.759	.00234	.00523	.02035
SDev	.055	.00014	.0032	.202	.00002	.00012	.00004
%RSD	.31935	.01725	.28288	.28539	.96691	2.2080	.20863
#1	17.247	.81912	1.1285	70.902	.00235	.00531	.02038
#2	17.169	.81892	1.1240	70.616	.00232	.00515	.02032

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.623	.20346	.12152	2.3822	189.21	.02509	5.7948
SDev	.267	.00104	.00032	.0081	.58	.00003	.0304
%RSD	.28192	.51033	.26656	.33974	.30612	.13840	.52510
#1	94.812	.20420	.12175	2.3880	189.62	.02512	5.8163
#2	94.435	.20273	.12129	2.3765	188.80	.02507	5.7733

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00860	18.459	17.554	.02559	.16268	1.8297	2.5810
SDev	.00141	.068	.053	.00156	.00044	.0111	.0092
%RSD	16.430	.36920	.29922	6.0879	.26930	.60770	.35654
#1	-.00760	18.507	17.591	.02670	.16299	1.8376	2.5875
#2	-.00960	18.411	17.517	.02449	.16237	1.8219	2.5745

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01030	1.0372	1.0232	3.8601	-.02286	.03128	.17835
SDev	.00000	.0657	.0026	.0121	.00118	.00042	.00098
%RSD	.00270	6.3390	.25763	.31409	5.1451	1.3490	.55123
#1	.01030	1.0837	1.0251	3.8687	-.02203	.03157	.17905
#2	.01030	.99069	1.0214	3.8515	-.02369	.03098	.17766

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24828	2.7639	5.5945	5.8949	-.01359	-.00611

SDev	.00072	.0079	.0383	.0265	.00054	.00239	
%RSD	.28817	.28446	.68381	.44979	3.9847	39.150	
#1	.24879	2.7694	5.6215	5.9137	-.01398	-.00442	
#2	.24777	2.7583	5.5674	5.8762	-.01321	-.00780	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25482	--	--	--	--	--	--

SDev	141.4214	--	--	--	--	--	--
%RSD	.5549853	--	--	--	--	--	--
#1	25382	--	--	--	--	--	--
#2	25582	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48385-a-2-a Operator: SRP
Run Time: 01/10/12 13:40:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.776	.77339	1.0743	69.083	.00213	.00376	.02056
SDev	.032	.00435	.0009	.196	.00005	.00002	.00003
%RSD	.20057	.56252	.08743	.28380	2.1968	.54582	.13065
#1	15.753	.77031	1.0737	68.945	.00216	.00374	.02054
#2	15.798	.77646	1.0750	69.222	.00209	.00377	.02058

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.273	.18572	.11546	2.2620	176.77	.02355	5.5273
SDev	.166	.00021	.00001	.0055	.40	.00011	.0131
%RSD	.18190	.11081	.01090	.24306	.22493	.47801	.23788
#1	91.155	.18557	.11547	2.2581	176.48	.02348	5.5180
#2	91.390	.18586	.11545	2.2659	177.05	.02363	5.5366

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01081	17.708	16.609	.02284	.15148	1.6432	2.4620
SDev	.00020	.028	.026	.00056	.00097	.0077	.0027
%RSD	1.8092	.15915	.15797	2.4290	.63995	.46754	.10779
#1	-.01095	17.689	16.590	.02323	.15217	1.6378	2.4601
#2	-.01067	17.728	16.627	.02245	.15080	1.6487	2.4638

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01062	.88325	.92841	3.7181	-.02398	.02941	.16649
SDev	.00000	.06449	.00225	.0110	.00186	.00011	.00032
%RSD	.01104	7.3010	.24277	.29626	7.7379	.38559	.19233
#1	.01062	.92884	.92681	3.7103	-.02529	.02933	.16627
#2	.01062	.83765	.93000	3.7258	-.02267	.02949	.16672

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22823	2.7965	5.3153	5.6333	-.01803	-.00720
SDev	.00022	.0066	.0026	.0210	.00077	.00009
%RSD	.09692	.23635	.04916	.37329	4.2516	1.2497
#1	.22807	2.7918	5.3171	5.6184	-.01857	-.00713
#2	.22838	2.8011	5.3134	5.6482	-.01748	-.00726

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25682	--	--	--	--	--	--
SDev	2.828427	--	--	--	--	--	--
%RSD	.0110133	--	--	--	--	--	--
#1	25680	--	--	--	--	--	--
#2	25684	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48385-a-3-a Operator: SRP
Run Time: 01/10/12 13:44:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.434	.82611	1.1473	68.820	.00217	.00416	.02003
SDev	.028	.00236	.0044	.201	.00001	.00041	.00007
%RSD	.17280	.28591	.38168	.29167	.48401	9.8199	.36274
#1	16.414	.82444	1.1442	68.678	.00218	.00387	.02008
#2	16.454	.82778	1.1504	68.962	.00216	.00444	.01998

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.270	.19480	.11766	2.3092	187.12	.02393	6.0451
SDev	.243	.00081	.00015	.0062	.54	.00006	.0160
%RSD	.25024	.41445	.13179	.27019	.28836	.23734	.26391
#1	97.098	.19423	.11777	2.3048	186.74	.02389	6.0338
#2	97.442	.19537	.11755	2.3137	187.50	.02397	6.0564

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00973	19.009	16.844	.02367	.15754	1.7947	2.5792
SDev	.00070	.041	.046	.00015	.00096	.0106	.0000
%RSD	7.1731	.21767	.27301	.65615	.60896	.59285	.00005
#1	-.01022	18.980	16.811	.02356	.15686	1.7872	2.5792
#2	-.00923	19.039	16.876	.02378	.15821	1.8023	2.5792

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01011	.94848	.98132	3.9485	-.02755	.03067	.17760
SDev	.00012	.03750	.00474	.0128	.00066	.00051	.00063

%RSD	1.1896	3.9537	.48266	.32473	2.3847	1.6459	.35673
#1	.01020	.97500	.97797	3.9394	-.02708	.03031	.17716
#2	.01003	.92197	.98467	3.9576	-.02801	.03103	.17805

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24268	2.8030	5.8045	6.1654	-.01726	-.00596
SDev	.00089	.0064	.0098	.0190	.00299	.00254
%RSD	.36689	.22700	.16853	.30880	17.305	42.629
#1	.24205	2.7985	5.7975	6.1520	-.01515	-.00776
#2	.24331	2.8075	5.8114	6.1789	-.01938	-.00416

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25622	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1931835	--	--	--	--	--	--
#1	25657	--	--	--	--	--	--
#2	25587	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48385-a-4-a Operator: SRP
Run Time: 01/10/12 13:47:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.953	.83219	1.1456	68.430	.00218	.00399	.02231
SDev	.011	.00111	.0014	.039	.00006	.00016	.00000
%RSD	.06339	.13320	.12097	.05658	2.5261	3.8942	.01146
#1	16.961	.83140	1.1466	68.458	.00214	.00388	.02231
#2	16.945	.83297	1.1447	68.403	.00222	.00410	.02231

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.407	.19804	.12498	2.3947	188.92	.02517	6.2717
SDev	.169	.00050	.00011	.0049	.15	.00002	.0056
%RSD	.17354	.25052	.09009	.20345	.07986	.08091	.08852
#1	97.287	.19769	.12506	2.3981	188.81	.02515	6.2677
#2	97.526	.19839	.12490	2.3913	189.02	.02518	6.2756

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00849	18.827	17.496	.02474	.16213	1.7903	2.6027
SDev	.00029	.012	.016	.00021	.00082	.0029	.0005
%RSD	3.4007	.06114	.09159	.86392	.50871	.16071	.01923
#1	-.00870	18.819	17.484	.02459	.16154	1.7882	2.6023
#2	-.00829	18.835	17.507	.02489	.16271	1.7923	2.6030

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00958	.97546	1.0011	3.9808	-.02481	.03092	.17251
SDev	.00018	.05745	.0002	.0015	.00293	.00054	.00001
%RSD	1.8984	5.8898	.02405	.03720	11.802	1.7527	.00834
#1	.00945	.93483	1.0009	3.9818	-.02688	.03054	.17250
#2	.00971	1.0161	1.0013	3.9797	-.02274	.03131	.17252

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24456	3.0210	6.0110	6.4020	-.01529	-.00510
SDev	.00022	.0038	.0092	.0129	.00108	.00011
%RSD	.09038	.12437	.15312	.20196	7.0486	2.0720
#1	.24441	3.0183	6.0175	6.3929	-.01605	-.00502
#2	.24472	3.0237	6.0045	6.4112	-.01453	-.00517

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25464	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1527319	--	--	--	--	--	--
#1	25436	--	--	--	--	--	--
#2	25491	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48385-a-5-a Operator: SRP
Run Time: 01/10/12 13:51:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.211	.04846	.08874	65.153	.00072	.02387	.02565
SDev	.019	.00089	.00042	.040	.00001	.00009	.00002
%RSD	.07421	1.8279	.46769	.06181	.64174	.36137	.07139
#1	25.225	.04909	.08845	65.181	.00072	.02381	.02566
#2	25.198	.04784	.08903	65.124	.00072	.02393	.02564

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	139.03	.06601	.01531	1.0686	33.952	.01216	2.0701
SDev	.12	.00003	.00001	.0013	.017	.00000	.0029
%RSD	.08441	.04354	.06464	.11761	.05138	.01210	.13933
#1	138.95	.06599	.01530	1.0694	33.940	.01216	2.0722
#2	139.11	.06603	.01532	1.0677	33.965	.01216	2.0681

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	3.7097	2.4412	.00792	.04985	5.5567	6.3246
SDev	.00321	.0050	.0017	.00006	.00037	.0119	.0039
%RSD	213.59	.13605	.06768	.81128	.74720	.21370	.06111

#1	-.00077	3.7062	2.4400	.00797	.05011	5.5651	6.3274
#2	.00377	3.7133	2.4423	.00788	.04959	5.5483	6.3219

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00902	.83427	.80632	4.5386	-.00600	.02742	.23470
SDev	.00020	.04570	.00399	.0021	.00243	.00052	.00019
%RSD	2.1716	5.4775	.49454	.04547	40.422	1.8768	.08275
#1	.00915	.86658	.80914	4.5400	-.00772	.02778	.23456
#2	.00888	.80195	.80351	4.5371	-.00429	.02706	.23483

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12088	3.6536	1.9796	2.1154	-.00137	.00294
SDev	.00040	.0028	.0051	.0018	.00470	.00246
%RSD	.33520	.07714	.25952	.08310	342.55	83.770

#1	.12059	3.6516	1.9832	2.1167	-.00470	.00120
#2	.12117	3.6556	1.9759	2.1142	.00195	.00468

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27728	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1785108	--	--	--	--	--	--
#1	27693	--	--	--	--	--	--
#2	27763	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48385-a-6-a Operator: SRP
Run Time: 01/10/12 13:55:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.631	1.0877	1.8251	81.240	.00120	.00016	.01318
SDev	.007	.0020	.0019	.061	.00001	.00038	.00021
%RSD	.04212	.18027	.10538	.07475	.50648	239.25	1.6211
#1	16.626	1.0863	1.8237	81.197	.00119	.00043	.01303
#2	16.636	1.0890	1.8265	81.283	.00120	-.00011	.01333

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.176	.15757	.09439	1.8119	191.31	.01205	17.208
SDev	.003	.00059	.00037	.0033	.05	.00003	.036
%RSD	.01670	.37425	.39092	.18161	.02604	.23273	.20983
#1	19.174	.15799	.09465	1.8096	191.28	.01203	17.182
#2	19.179	.15716	.09413	1.8142	191.35	.01207	17.233

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01297	1.0708	18.851	.04079	.07629	1.5046	3.0232
SDev	.00178	.0004	.005	.00065	.00004	.0002	.0045
%RSD	13.747	.03795	.02726	1.6065	.05112	.01514	.15042
#1	-.01423	1.0711	18.847	.04033	.07626	1.5045	3.0200
#2	-.01171	1.0705	18.854	.04125	.07632	1.5048	3.0265

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02719	.41236	.29416	4.4295	-.01944	.02937	.15055
SDev	.00015	.07447	.00035	.0061	.00334	.00058	.00024
%RSD	.54103	18.060	.11757	.13734	17.174	1.9678	.15861
#1	.02730	.35970	.29440	4.4252	-.01708	.02896	.15038
#2	.02709	.46501	.29391	4.4338	-.02180	.02978	.15072

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09583	3.7519	16.430	17.596	-.02259	-.00817
SDev	.00011	.0027	.015	.062	.00152	.00192

%RSD	.10907	.07095	.09083	.35020	6.7205	23.466
#1	.09590	3.7501	16.441	17.553	-.02366	-.00952
#2	.09575	3.7538	16.420	17.640	-.02152	-.00681

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25539	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--
%RSD	.0276873	--	--	--	--	--	--
#1	25534	--	--	--	--	--	--
#2	25544	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 13:59:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4268	.48516	.48874	.49961	.47459	.48266	.48150
SDev	.0006	.00141	.00157	.00472	.00124	.00001	.00165
%RSD	.02463	.29013	.32175	.94547	.26085	.00188	.34346
#1	2.4263	.48615	.48986	.50295	.47546	.48266	.48267
#2	2.4272	.48416	.48763	.49627	.47371	.48267	.48033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.981	.46622	.46147	.48223	2.4684	.46547	.47298
SDev	.048	.00169	.00178	.00001	.0179	.00004	.00321
%RSD	.40428	.36313	.38626	.00095	.72343	.00867	.67859

#1	12.016	.46742	.46273	.48224	2.4810	.46550	.47525
#2	11.947	.46503	.46021	.48223	2.4557	.46544	.47071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48151	4.7010	.46923	.48698	.49992	12.140	.89273
SDev	.00322	.0114	.00191	.00135	.00162	.007	.00338
%RSD	.66903	.24310	.40602	.27636	.32370	.05688	.37870
#1	.47923	4.7091	.47058	.48603	.50107	12.135	.89512
#2	.48379	4.6929	.46788	.48793	.49878	12.145	.89034

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23876	12.073	11.889	.24074	.50006	.47054	.49238
SDev	.00054	.098	.015	.00040	.00007	.00183	.00008
%RSD	.22672	.80884	.12204	.16809	.01499	.38889	.01659
#1	.23914	12.142	11.879	.24045	.50011	.47183	.49244
#2	.23837	12.004	11.899	.24102	.50000	.46924	.49232

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47953	.48577	.45170	.48361	.44995	.49734
SDev	.00140	.00135	.00215	.00374	.00493	.00237
%RSD	.29176	.27789	.47582	.77327	1.0963	.47563
#1	.48052	.48672	.45322	.48626	.44646	.49567
#2	.47854	.48481	.45018	.48097	.45344	.49902

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25458	--	--	--	--	--	--
SDev	55.86144	--	--	--	--	--	--
%RSD	.2194215	--	--	--	--	--	--
#1	25498	--	--	--	--	--	--
#2	25419	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 14:03:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05538	.00319	-.00067	.00183	-.00052	.00111	.00009
SDev	.00255	.00231	.00141	.00036	.00000	.00085	.00018
%RSD	4.6039	72.441	211.38	19.671	.08535	77.114	201.58
#1	.05718	.00482	.00033	.00208	-.00052	.00171	.00021
#2	.05357	.00155	-.00167	.00157	-.00052	.00050	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00024	.00021	-.00194	.00100	.00010	.00036
SDev	.00105	.00057	.00045	.00025	.04001	.00009	.00007
%RSD	293.14	235.68	217.91	12.671	3995.2	86.357	20.064
#1	.00110	.00065	.00053	-.00177	.02929	.00016	.00031
#2	-.00039	-.00016	-.00011	-.00211	-.02729	.00004	.00041

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	-.03266	.00033	.00160	.00028	-.26241	-.00778
SDev	.00137	.01063	.00005	.00062	.00106	.06436	.00337
%RSD	363.97	32.545	16.466	38.582	384.83	24.526	43.359
#1	.00059	-.02514	.00037	.00204	.00103	-.21690	-.00540
#2	-.00134	-.04017	.00029	.00117	-.00048	-.30792	-.01017

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.04294	-.00672	.00009	-.00123	.00061	.00035
SDev	.00078	.25712	.00282	.00004	.00049	.00324	.00022
%RSD	407.93	598.80	41.935	37.944	40.250	534.25	61.008
#1	.00036	.13887	-.00473	.00012	-.00158	.00290	.00051

#2	-.00074	-.22475	-.00872	.00007	-.00088	-.00169	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00009	.00002	.00054	.00183	-.00148
SDev	.00094	.00005	.00159	.00090	.00468	.00029
%RSD	365.46	61.030	10015.	168.23	255.86	19.757
#1	.00092	.00013	.00114	-.00010	.00514	-.00169
#2	-.00041	.00005	-.00111	.00118	-.00148	-.00127

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25513	--	--	--	--	--	--
SDev	166.8772	--	--	--	--	--	--
%RSD	.6540869	--	--	--	--	--	--
#1	25395	--	--	--	--	--	--
#2	25631	--	--	--	--	--	--

Analysis Report 01/10/12 02:12:03 PM page 1

Method: 20076010 Sample Name: 600-48380-b-1-a Operator: SRP
Run Time: 01/10/12 14:08:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	183.91	.27461	.17406	1.3139	.00825	.06107	.04249
SDev	.20	.00548	.00126	.0010	.00003	.00001	.00012
%RSD	.10960	1.9942	.72624	.07669	.31503	.01167	.28256
#1	183.77	.27074	.17316	1.3132	.00823	.06107	.04257
#2	184.05	.27849	.17495	1.3146	.00827	.06108	.04240

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1106.6	.22333	.08029	.30803	175.68	.12359	43.088
SDev	4.3	.00098	.00014	.00017	.55	.00001	.246
%RSD	.39191	.43696	.16906	.05451	.31135	.01052	.57099
#1	1103.6	.22264	.08039	.30791	175.29	.12358	42.914
#2	1109.7	.22402	.08020	.30815	176.06	.12360	43.262

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00939	28.465	6.0834	.01545	.24348	34.273	14.176
SDev	.00228	.073	.0207	.00069	.00078	.010	.041
%RSD	24.248	.25681	.34051	4.5020	.31978	.03051	.28618
#1	-.01100	28.414	6.0688	.01594	.24293	34.281	14.147
#2	-.00778	28.517	6.0981	.01495	.24403	34.266	14.205

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00099	326.01	228.86	4.9531	-.01140	.17607	.37742
SDev	.00008	.03	.00	.0063	.00024	.00051	.00095
%RSD	8.0577	.00882	.00191	.12736	2.1375	.28920	.25262

#1	-.00093	325.99	228.86	4.9487	-.01158	.17643	.37674
#2	-.00104	326.03	228.87	4.9576	-.01123	.17571	.37809

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45507	.77099	40.773	44.246	-.00075	-.01371
SDev	.00127	.00280	.069	.334	.00001	.00341
%RSD	.27920	.36357	.16990	.75578	1.3129	24.874
#1	.45417	.76901	40.724	44.010	-.00076	-.01612
#2	.45596	.77297	40.822	44.483	-.00074	-.01129

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27218	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.0545577	--	--	--	--	--	--

#1	27228	--	--	--	--	--	--
#2	27207	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48380-c-2-a Operator: SRP
Run Time: 01/10/12 14:12:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	161.69	.05218	.24355	1.7298	.01071	.06191	.06151
SDev	.07	.00174	.00094	.0012	.00003	.00006	.00011
%RSD	.04108	3.3324	.38703	.07164	.23717	.09424	.18060
#1	161.65	.05341	.24421	1.7289	.01072	.06196	.06159
#2	161.74	.05095	.24288	1.7306	.01069	.06187	.06143

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1030.1	.21666	.12411	.26886	167.38	.10038	6.5875
SDev	.9	.00053	.00015	.00021	.15	.00001	.0098
%RSD	.08627	.24268	.12020	.07979	.09207	.00771	.14900
#1	1029.5	.21629	.12421	.26871	167.27	.10038	6.5806
#2	1030.7	.21703	.12400	.26901	167.49	.10039	6.5944

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00715	25.926	7.4348	.00958	.38972	30.614	13.072
SDev	.00115	.020	.0069	.00047	.00094	.009	.012
%RSD	16.088	.07590	.09268	4.9055	.24169	.02964	.09419
#1	-.00797	25.912	7.4299	.00992	.38905	30.620	13.063
#2	-.00634	25.940	7.4397	.00925	.39038	30.608	13.081

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00202	116.80	105.66	4.9073	-.01590	.04925	.25518
SDev	.00035	.17	.05	.0032	.00194	.00231	.00006
%RSD	17.373	.14127	.05173	.06488	12.182	4.6976	.02199
#1	-.00177	116.68	105.62	4.9050	-.01727	.05089	.25522
#2	-.00226	116.92	105.70	4.9095	-.01453	.04762	.25514

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77596	.71090	6.1859	6.7883	-.00355	-.00896
SDev	.00066	.00102	.0045	.0170	.00033	.00189
%RSD	.08479	.14305	.07266	.24999	9.3463	21.121
#1	.77550	.71018	6.1890	6.7763	-.00331	-.01030
#2	.77643	.71162	6.1827	6.8003	-.00378	-.00762

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/10/12 02:15:55 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28564	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0173289	--	--	--	--	--	--
#1	28567	--	--	--	--	--	--
#2	28560	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48059-a-2-a Operator: SRP
Run Time: 01/10/12 14:15:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	166.87	.82379	.87899	2.0820	.40467	.82988	.40170
SDev	.07	.00008	.00192	.0009	.00076	.00034	.00004
%RSD	.04270	.00993	.21881	.04087	.18761	.04057	.00923
#1	166.82	.82374	.88035	2.0814	.40520	.82964	.40167
#2	166.92	.82385	.87763	2.0826	.40413	.83011	.40173

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.902	.97681	.83582	.93781	282.63	.93552	.94024
SDev	.074	.00113	.00158	.00001	.40	.00133	.00192
%RSD	.18092	.11552	.18872	.00130	.14093	.14209	.20406
#1	40.954	.97760	.83693	.93782	282.91	.93458	.94159
#2	40.850	.97601	.83470	.93780	282.35	.93646	.93888

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77514	26.998	.98546	.82885	.95534	14.602	7.0726
SDev	.00263	.050	.00188	.00126	.00170	.015	.0036
%RSD	.33937	.18517	.19096	.15202	.17795	.10381	.05160
#1	.77700	27.034	.98679	.82796	.95655	14.592	7.0751
#2	.77328	26.963	.98412	.82974	.95414	14.613	7.0700

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41609	13.434	14.242	.90769	.81845	.79755	1.1463
SDev	.00089	.033	.031	.00076	.00043	.00015	.0006
%RSD	.21501	.24631	.21924	.08351	.05224	.01876	.05279
#1	.41673	13.457	14.220	.90715	.81876	.79766	1.1467
#2	.41546	13.410	14.264	.90822	.81815	.79745	1.1458

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1966	1.0161	.84949	.98561	.71925	.80309
SDev	.0021	.0021	.00396	.00090	.00082	.00354
%RSD	.17407	.20294	.46655	.09094	.11392	.44033
#1	1.1980	1.0176	.85229	.98625	.71983	.80559

#2	1.1951	1.0147	.84668	.98498	.71867	.80059

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29616	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1456451	--	--	--	--	--	--
#1	29585	--	--	--	--	--	--
#2	29646	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48059-a-2-a@5 Operator: SRP
Run Time: 01/10/12 14:19:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.325	.00274	.01266	.28951	.00259	.00336	-.00029
SDev	.085	.00033	.00065	.00067	.00002	.00038	.00007
%RSD	.22796	11.983	5.1112	.23227	.64932	11.160	23.123
#1	37.264	.00298	.01312	.28904	.00257	.00362	-.00034
#2	37.385	.00251	.01221	.28999	.00260	.00309	-.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.1397	.04599	.01677	.01499	65.752	.00883	.03858
SDev	.0208	.00006	.00001	.00013	.237	.00001	.00047
%RSD	.25533	.12745	.07615	.86268	.36065	.14118	1.2208
#1	8.1251	.04595	.01676	.01509	65.584	.00882	.03824
#2	8.1544	.04603	.01677	.01490	65.920	.00884	.03891

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	4.6856	.04527	.00313	.02811	.70594	1.5345
SDev	.00291	.0258	.00007	.00109	.00050	.00450	.0039
%RSD	99.980	.55031	.15244	34.792	1.7820	.63788	.25180

#1	.00497	4.6674	.04522	.00391	.02776	.70276	1.5317
#2	.00085	4.7038	.04532	.00236	.02847	.70913	1.5372

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	1.0013	1.0059	.11394	-.00254	.00912	.07467
SDev	.00016	.1742	.0003	.00042	.00017	.00052	.00009
%RSD	23.177	17.393	.02491	.36524	6.8087	5.6544	.12440
#1	-.00080	.87817	1.0061	.11364	-.00241	.00875	.07460
#2	-.00057	1.1245	1.0057	.11423	-.00266	.00948	.07473

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09329	.05694	.02895	.04339	.00682	.00096

SDev	.00004	.00001	.00074	.00107	.00338	.00267
%RSD	.04508	.01928	2.5415	2.4757	49.579	279.78
#1	.09326	.05695	.02947	.04263	.00921	.00285
#2	.09332	.05693	.02843	.04415	.00443	-.00094

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26462	--	--	--	--	--	--
SDev	84.14571	--	--	--	--	--	--
%RSD	.3179930	--	--	--	--	--	--
#1	26521	--	--	--	--	--	--
#2	26402	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/10/12 14:23:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15554	.01124	.01047	.01033	.00374	.01097	.00474
SDev	.00132	.00041	.00075	.00003	.00001	.00005	.00009
%RSD	.85147	3.6730	7.1801	.29259	.27248	.49044	1.9575
#1	.15647	.01095	.00994	.01031	.00375	.01101	.00468
#2	.15460	.01154	.01101	.01035	.00373	.01093	.00481

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08775	.00957	.00922	.00742	.10806	.00847	.00996
SDev	.00022	.00036	.00054	.00030	.00650	.00003	.00130
%RSD	.25390	3.7874	5.8151	3.9752	6.0123	.29650	13.090
#1	.08759	.00983	.00884	.00763	.10347	.00849	.01088
#2	.08791	.00931	.00960	.00722	.11266	.00846	.00904

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00830	.06198	.00961	.01059	.01032	.32133	.00178
SDev	.00193	.00120	.00000	.00036	.00033	.00580	.00148

%RSD	23.272	1.9369	.02260	3.4356	3.2155	1.8049	83.187
#1	.00694	.06283	.00960	.01033	.01009	.32543	.00283
#2	.00967	.06113	.00961	.01084	.01056	.31723	.00073

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00481	.49280	.52913	.00480	.00819	.00958	.01002
SDev	.00064	.07789	.00182	.00001	.00015	.00004	.00006
%RSD	13.400	15.805	.34369	.25329	1.7881	.42773	.57926
#1	.00435	.43772	.52785	.00481	.00830	.00955	.01006
#2	.00527	.54787	.53042	.00479	.00809	.00961	.00998

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00948	.00975	.00939	.01024	.00679	.00906
SDev	.00033	.00001	.00070	.00161	.00477	.00052
%RSD	3.5060	.14012	7.4426	15.680	70.228	5.6925
#1	.00971	.00976	.00989	.01138	.00342	.00870
#2	.00924	.00974	.00890	.00911	.01016	.00943

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25504	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0221803	--	--	--	--	--	--
#1	25508	--	--	--	--	--	--
#2	25500	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/10/12 14:27:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	469.38	-.00016	-.00212	.00168	-.00115	-.00127	.00228
SDev	.53	.00219	.00014	.00002	.00001	.00048	.00045
%RSD	.11344	1346.7	6.4948	.94576	.88106	37.905	19.638
#1	469.76	-.00171	-.00203	.00169	-.00116	-.00161	.00260
#2	469.01	.00139	-.00222	.00167	-.00115	-.00093	.00196

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	416.23	.00114	-.00031	.00969	180.99	.00407	.00568
SDev	.02	.00017	.00037	.00024	.10	.00003	.00031
%RSD	.00441	15.021	118.11	2.4976	.05319	.72906	5.4440
#1	416.22	.00102	-.00005	.00986	181.06	.00409	.00590
#2	416.24	.00126	-.00057	.00952	180.92	.00405	.00546

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01570	462.25	-.00663	-.00093	.00078	-.22377	-.00035
SDev	.00220	.10	.00000	.00009	.00003	.00186	.00079
%RSD	14.030	.02087	.02066	9.4455	4.1833	.83018	227.04
#1	-.01415	462.32	-.00663	-.00087	.00075	-.22509	.00021
#2	-.01726	462.18	-.00663	-.00100	.00080	-.22246	-.00090

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	-.02058	.14883	-.00822	-.00516	-.00129	-.00231
SDev	.00012	.03114	.00068	.00001	.00077	.00213	.00011

%RSD	19.779	151.33	.45544	.11793	14.934	166.13	4.8778
#1	-.00071	.00144	.14835	-.00821	-.00461	.00022	-.00239
#2	-.00053	-.04260	.14931	-.00823	-.00570	-.00279	-.00223

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00381	.00084	-.09434	.05569	.00124	-.02418
SDev	.00019	.00029	.00084	.00004	.00731	.00696
%RSD	4.9688	34.011	.89150	.07775	587.88	28.779
#1	.00394	.00064	-.09375	.05572	-.00392	-.01926
#2	.00368	.00105	-.09494	.05566	.00641	-.02910

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23555	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1440931	--	--	--	--	--	--
#1	23531	--	--	--	--	--	--
#2	23579	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/10/12 14:31:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	477.73	.97171	.96662	.99954	.43516	.98867	.44804
SDev	.15	.00244	.00427	.00006	.00023	.00147	.00017
%RSD	.03211	.25077	.44139	.00623	.05275	.14851	.03787
#1	477.84	.96998	.96361	.99949	.43532	.98971	.44816
#2	477.63	.97343	.96964	.99958	.43499	.98763	.44792

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	427.57	.86073	.82352	1.0153	191.22	1.2237	.88676
SDev	.03	.00108	.00028	.0012	.25	.0001	.00135
%RSD	.00654	.12485	.03377	.11559	.13012	.00950	.15236
#1	427.59	.86149	.82372	1.0161	191.40	1.2236	.88772
#2	427.55	.85997	.82332	1.0144	191.05	1.2238	.88581

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91824	473.83	.87229	.92006	.90897	14.072	.88255
SDev	.00467	.27	.00049	.00219	.00464	.018	.00009
%RSD	.50866	.05619	.05664	.23802	.51011	.13040	.01041
#1	.92154	474.02	.87264	.91851	.91225	14.059	.88249
#2	.91494	473.65	.87194	.92161	.90569	14.084	.88262

Analysis Report Blank Sample 01/10/12 02:35:12 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50084	11.885	13.740	.47691	.94254	.87166	.93940
SDev	.00026	.071	.014	.00004	.00405	.00056	.00002
%RSD	.05239	.59392	.10381	.00877	.42986	.06423	.00234
#1	.50103	11.935	13.730	.47694	.93968	.87206	.93938
#2	.50066	11.835	13.750	.47688	.94541	.87127	.93941

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90337	.93622	.73095	.96467	.86363	.94555
SDev	.00024	.00005	.00249	.00078	.00983	.00209
%RSD	.02644	.00547	.34136	.08075	1.1381	.22118
#1	.90320	.93626	.73271	.96522	.87058	.94703
#2	.90354	.93618	.72918	.96412	.85668	.94407

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23614	--	--	--	--	--	--
SDev	34.64823	--	--	--	--	--	--
%RSD	.1467244	--	--	--	--	--	--
#1	23639	--	--	--	--	--	--
#2	23590	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 14:35:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6998	.48290	.48580	.49368	.46527	.48590	.48587
SDev	.1000	.00006	.00099	.00004	.00015	.00231	.00060
%RSD	3.7025	.01244	.20379	.00778	.03288	.47513	.12287
#1	2.7705	.48286	.48650	.49365	.46516	.48753	.48545
#2	2.6291	.48294	.48510	.49371	.46538	.48427	.48630

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.179	.45868	.45378	.47337	2.5972	.46470	.46900
SDev	.071	.00065	.00048	.00049	.0259	.00026	.00044
%RSD	.58274	.14176	.10520	.10374	.99857	.05496	.09359
#1	12.229	.45822	.45344	.47372	2.6155	.46488	.46931

#2	12.129	.45914	.45412	.47303	2.5789	.46452	.46869

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48050	4.9395	.46380	.48895	.50035	12.078	.87800
SDev	.00234	.0847	.00004	.00056	.00230	.010	.00063
%RSD	.48762	1.7144	.00880	.11349	.46042	.08589	.07206

#1	.47884	4.9993	.46383	.48934	.49872	12.086	.87755
#2	.48216	4.8796	.46377	.48856	.50197	12.071	.87844

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23752	12.098	11.883	.24346	.50433	.46144	.48950
SDev	.00002	.015	.015	.00007	.00039	.00137	.00018
%RSD	.00909	.11989	.12643	.03032	.07729	.29727	.03741

#1	.23753	12.108	11.893	.24341	.50460	.46241	.48963
#2	.23750	12.088	11.872	.24351	.50405	.46047	.48937

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47344	.48737	.43981	.48359	.44265	.49948
SDev	.00087	.00006	.00017	.00057	.00318	.00192
%RSD	.18417	.01159	.03788	.11893	.71847	.38530

#1	.47282	.48733	.43993	.48400	.44040	.49812
#2	.47405	.48741	.43969	.48319	.44490	.50084

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25504	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0970368	--	--	--	--	--	--

#1	25522	--	--	--	--	--	--
#2	25487	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 14:39:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16814	-.00002	.00121	.00068	-.00061	.00218	.00054
SDev	.02560	.00389	.00161	.00001	.00001	.00105	.00004
%RSD	15.227	24828.	132.84	1.9273	.88801	48.034	7.5075

#1	.15004	.00273	.00235	.00069	-.00060	.00292	.00057
#2	.18624	-.00276	.00007	.00068	-.00061	.00144	.00051

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10696	.00072	.00061	-.00218	.04768	.00007	.00092
SDev	.02943	.00023	.00035	.00052	.00596	.00000	.00043
%RSD	27.515	32.254	57.225	23.664	12.490	5.3596	46.172

#1	.08615	.00088	.00085	-.00182	.04347	.00008	.00062
#2	.12777	.00055	.00036	-.00255	.05189	.00007	.00123

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report Blank Sample 01/10/12 02:42:54 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.07653	.00057	.00229	.00033	-.23074	-.01129
SDev	.00127	.02761	.00003	.00112	.00026	.02212	.00199
%RSD	269.31	36.076	4.3802	49.190	79.153	9.5855	17.586
#1	.00043	.05701	.00055	.00308	.00015	-.21510	-.00989
#2	-.00137	.09605	.00059	.00149	.00052	-.24637	-.01270

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.03096	.00214	.00022	-.00183	.00236	.00070
SDev	.00031	.05535	.00087	.00002	.00322	.00097	.00006
%RSD	1454.4	178.77	40.776	9.4470	175.64	40.957	8.1168
#1	.00024	.00818	.00276	.00024	.00044	.00305	.00074
#2	-.00020	-.07010	.00152	.00021	-.00411	.00168	.00066

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.00041	.00173	.00052	-.00053	-.00044
SDev	.00035	.00002	.00026	.00051	.00472	.00046
%RSD	38.087	3.8925	14.938	97.710	884.74	104.51
#1	.00118	.00042	.00154	.00016	.00280	-.00076
#2	.00068	.00040	.00191	.00088	-.00387	-.00011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25266	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.0923573	--	--	--	--	--	--
#1	25249	--	--	--	--	--	--
#2	25282	--	--	--	--	--	--

Method: 20076010 01/10/12 02:53:54 PM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : B011012	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/10/12 03:02:06 PM page 1

Method: 20076010 Standard: S0
Run Time: 01/10/12 14:58:43

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01408	.00248	-.00083	.00073	-.04597	.00633	.00144
SDev	.00000	.00041	.00020	.00028	.00171	.00069	.00089
%RSD	.00597	16.626	23.754	38.912	3.7276	10.859	61.421
#1	.01408	.00277	-.00069	.00053	-.04476	.00681	.00082
#2	.01408	.00219	-.00097	.00093	-.04718	.00584	.00207

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00525	.00026	-.00053	.00541	.00365	.05045	.02427
SDev	.00008	.00020	.00023	.00002	.00350	.00015	.00005
%RSD	1.4990	75.864	43.149	.40276	95.816	.28872	.18995
#1	.00530	.00012	-.00037	.00543	.00612	.05055	.02424
#2	.00519	.00041	-.00069	.00540	.00118	.05035	.02430

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00004	.00026	-.00228	.35229	.05167	.00008	-.00240
SDev	.00000	.00066	.00018	.00015	.00021	.00023	.00051
%RSD	.40276	251.07	7.9777	.04345	.40276	281.64	21.179
#1	.00004	-.00020	-.00241	.35240	.05182	.00024	-.00204
#2	.00004	.00073	-.00215	.35218	.05152	-.00008	-.00276

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.14875	-.00080	-.00212	.00112	-.00320	-.00000	-.00083
SDev	.00100	.00124	.00064	.00066	.00073	.00006	.00003
%RSD	.67353	155.84	30.301	58.807	22.912	49657.	3.8518
#1	.14946	-.00167	-.00257	.00065	-.00371	-.00004	-.00086
#2	.14804	.00008	-.00166	.00158	-.00268	.00004	-.00081

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00838	.00021	-.01121	.00610

SDev	.00101	.00734	.00016	.00153
%RSD	12.071	3509.7	1.3939	25.066
#1	.00910	-.00498	-.01110	.00502
#2	.00767	.00540	-.01132	.00718

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24579	--	--	--	--	--	--
SDev	98.99495	--	--	--	--	--	--
%RSD	.4027623	--	--	--	--	--	--
#1	24509	--	--	--	--	--	--
#2	24649	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/10/12 15:02:18

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.1805	1.1890	1.2139	17.586	21.704	7.7170	12.373
SDev	.0002	.0009	.0041	.007	.023	.0111	.031
%RSD	.01889	.07196	.33369	.03786	.10745	.14347	.25318
#1	1.1807	1.1896	1.2110	17.590	21.687	7.7092	12.351
#2	1.1804	1.1884	1.2168	17.581	21.720	7.7248	12.395

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.7554	2.2912	1.3483	1.8162	4.9844	23.941	1.2413
SDev	.0047	.0030	.0010	.0029	.0097	.012	.0014
%RSD	.17085	.13217	.07578	.15761	.19370	.04894	.11541
#1	2.7521	2.2890	1.3476	1.8182	4.9776	23.950	1.2403
#2	2.7587	2.2933	1.3490	1.8142	4.9912	23.933	1.2423

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.0419	1.9252	5.5897	3.3009	1.0357	.96755	.16969
SDev	.0022	.0052	.0273	.0038	.0023	.00017	.00090
%RSD	.10631	.27176	.48889	.11607	.22479	.01720	.52987
#1	2.0404	1.9215	5.6090	3.3036	1.0373	.96743	.16906
#2	2.0435	1.9289	5.5704	3.2982	1.0340	.96766	.17033

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.509	52.435	.37723	2.6322	13.544	.62296	3.5415
SDev	.018	.026	.00371	.0039	.004	.00028	.0051
%RSD	.08553	.05008	.98317	.14833	.03210	.04461	.14473
#1	20.522	52.453	.37460	2.6295	13.541	.62316	3.5379
#2	20.497	52.416	.37985	2.6350	13.547	.62276	3.5451

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.9431	8.1200	1.2507	1.1890
SDev	.0075	.0160	.0007	.0016
%RSD	.18893	.19700	.05246	.13414
#1	3.9483	8.1087	1.2502	1.1879
#2	3.9378	8.1313	1.2512	1.1901

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24526	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0201812	--	--	--	--	--	--
#1	24530	--	--	--	--	--	--
#2	24523	--	--	--	--	--	--

01/10/12 03:05:56 PM page 3

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	17.1462	-.241367	01/10/12 03:02:18
Sb2068	206.838	STD	S0	1.69116	-.004199	01/10/12 03:02:18
As1890	189.042	STD	S0	1.63052	.001359	01/10/12 03:02:18
Ba4934	493.409	STD	S0	.113734	-.000083	01/10/12 03:02:18
Be3130	313.042	STD	S0	.046007	.002115	01/10/12 03:02:18
B_2496	249.678	STD	S0	.259381	-.001641	01/10/12 03:02:18
Cd2265	226.502	STD	S0	.080989	-.000117	01/10/12 03:02:18
Ca3179	317.933	STD	S0	7.27236	-.038169	01/10/12 03:02:18
Cr2677	267.716	STD	S0	.873015	-.000231	01/10/12 03:02:18
Co2286	228.616	STD	S0	1.48277	.000784	01/10/12 03:02:18
Cu3247	324.753	STD	S0	1.10391	-.005973	01/10/12 03:02:18
Fe2714	271.441	STD	S0	3.84921	-.014043	01/10/12 03:02:18
Li6707	670.784	STD	S0	.083714	-.004223	01/10/12 03:02:18
Pb2203	220.353		NONE	.000000	.000000	*01/10/12 03:02:18
Se1960	196.026		NONE	.000000	.000000	*01/10/12 03:02:18
Mg2790	279.078	STD	S0	16.4330	-.398806	01/10/12 03:02:18
Mn2576	257.610	STD	S0	.979669	-.000040	01/10/12 03:02:18
Mo2020	202.030	STD	S0	1.03898	-.000273	01/10/12 03:02:18
Ni2316	231.604	STD	S0	.357656	.000815	01/10/12 03:02:18
K_7664	766.491	STD	S0	6.78282	-2.38954	01/10/12 03:02:18
Si2881	288.158	STD	S0	2.01376	-.104052	01/10/12 03:02:18
Ag3280	328.068	STD	S0	1.03391	-.000085	01/10/12 03:02:18
Na3302	330.232	STD	S0	116.216	.278848	01/10/12 03:02:18
Na5889	588.995	STD	S0	.982298	-.146114	01/10/12 03:02:18
Sr4215	421.552	STD	S0	.019080	.000015	01/10/12 03:02:18
Tl1908	190.864	STD	S0	5.28927	.011197	01/10/12 03:02:18
Sn1899	189.989	STD	S0	.760133	-.000849	01/10/12 03:02:18
Ti3349	334.941	STD	S0	.147636	.000472	01/10/12 03:02:18
V_2924	292.402	STD	S0	3.17972	.000000	01/10/12 03:02:18
Zn2138	213.856	STD	S0	.565292	.000472	01/10/12 03:02:18
2203/1	220.351	STD	S0	.511265	-.004286	01/10/12 03:02:18
2203/2	220.352	STD	S0	.245388	-.000051	01/10/12 03:02:18
1960/1	196.021	STD	S0	1.58690	.017787	01/10/12 03:02:18
1960/2	196.022	STD	S0	1.68721	-.010291	01/10/12 03:02:18

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/10/12 03:05:56 PM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/10/12 03:05:56 PM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/10/12 03:10:38 PM page 1

Method: 20076010 Sample Name: S2-met1211cal_00001 Operator: SRP
Run Time: 01/10/12 15:06:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.827	1.9947	1.9951	1.9887	.99956	1.9971	1.0002

SDev	.034	.0017	.0140	.0041	.00014	.0009	.0008
%RSD	.16901	.08285	.70287	.20418	.01391	.04444	.08408
#1	19.851	1.9935	2.0050	1.9916	.99946	1.9977	.99964
#2	19.803	1.9958	1.9852	1.9858	.99966	1.9965	1.0008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.988	1.9946	1.9925	1.9836	19.980	1.9822	1.9949
SDev	.010	.0008	.0016	.0048	.012	.0057	.0015
%RSD	.05238	.04120	.07929	.24000	.05932	.28613	.07558
#1	19.980	1.9941	1.9937	1.9869	19.988	1.9862	1.9939
#2	19.995	1.9952	1.9914	1.9802	19.972	1.9782	1.9960

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9877	19.928	1.9940	1.9992	1.9684	19.798	1.9753
SDev	.0049	.006	.0013	.0016	.0032	.049	.0025
%RSD	.24407	.02763	.06502	.08060	.16047	.24754	.12472
#1	1.9843	19.932	1.9950	1.9980	1.9707	19.832	1.9770
#2	1.9912	19.924	1.9931	2.0003	1.9662	19.763	1.9735

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99441	19.731	19.789	.99376	1.9915	1.9930	1.9918
SDev	.00121	.114	.083	.00157	.0075	.0103	.0019
%RSD	.12216	.57939	.41996	.15777	.37753	.51591	.09580
#1	.99526	19.812	19.848	.99487	1.9862	2.0003	1.9932
#2	.99355	19.651	19.730	.99265	1.9968	1.9857	1.9905

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9911	2.0007	1.9870	1.9989	1.9787	1.9922
SDev	.0013	.0021	.0026	.0009	.0018	.0082
%RSD	.06680	.10318	.13204	.04752	.08885	.40940
#1	1.9920	1.9993	1.9851	1.9982	1.9800	1.9865
#2	1.9901	2.0022	1.9888	1.9996	1.9775	1.9980

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24653	--	--	--	--	--	--
SDev	36.76955	--	--	--	--	--	--
%RSD	.1491484	--	--	--	--	--	--

#1	24679	--	--	--	--	--	--
#2	24627	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 15:10:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4487	.49257	.49103	.49277	.50488	.49774	.50220
SDev	.0086	.00395	.00198	.00096	.00045	.00112	.00054
%RSD	.35322	.80221	.40342	.19532	.08932	.22513	.10773
#1	2.4425	.49536	.49243	.49209	.50520	.49853	.50258
#2	2.4548	.48977	.48963	.49345	.50457	.49695	.50182

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.557	.49863	.50019	.49503	2.5259	.46155	.49868
SDev	.008	.00117	.00081	.00042	.0076	.00186	.00086
%RSD	.06716	.23517	.16259	.08463	.30128	.40279	.17269
#1	12.563	.49946	.50076	.49473	2.5313	.46024	.49929
#2	12.551	.49780	.49961	.49532	2.5205	.46286	.49807

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50246	4.9879	.49248	.50735	.48962	11.764	.94174
SDev	.00077	.0017	.00040	.00008	.00100	.066	.00181
%RSD	.15428	.03381	.08050	.01647	.20314	.55815	.19244
#1	.50191	4.9891	.49276	.50729	.48891	11.718	.94046
#2	.50301	4.9867	.49220	.50741	.49032	11.811	.94302

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24598	12.293	11.624	.24749	.50750	.51442	.50159
SDev	.00003	.065	.067	.00064	.00139	.00026	.00035
%RSD	.01364	.52681	.57963	.25688	.27439	.04972	.07012
#1	.24601	12.247	11.576	.24704	.50652	.51460	.50134
#2	.24596	12.339	11.672	.24794	.50848	.51424	.50184

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50084	.50983	.49889	.49857	.50633	.50058
SDev	.00029	.00028	.00214	.00236	.00288	.00028
%RSD	.05828	.05415	.42831	.47339	.56989	.05592
#1	.50105	.50964	.49738	.50024	.50429	.50078
#2	.50063	.51003	.50040	.49690	.50837	.50038

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/10/12 03:14:30 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24817	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.2051484	--	--	--	--	--	--
#1	24781	--	--	--	--	--	--
#2	24853	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/10/12 15:14:33

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00869	.00093	.00216	.00057	.00034	.00231	.00054
SDev	.00051	.00109	.00121	.00010	.00002	.00010	.00021
%RSD	5.8454	116.56	56.079	17.183	5.8512	4.1973	38.543
#1	.00905	.00016	.00301	.00050	.00033	.00238	.00039
#2	.00833	.00170	.00130	.00064	.00036	.00224	.00068

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01508	.00063	.00022	.00035	-.00090	.00059	.00019
SDev	.00227	.00002	.00080	.00032	.02111	.00004	.00010
%RSD	15.061	3.3985	373.39	90.623	2351.1	6.0230	53.619
#1	.01347	.00061	-.00035	.00013	-.01582	.00057	.00012
#2	.01668	.00065	.00078	.00058	.01403	.00062	.00026

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00283	.00053	.00236	.00066	-.01459	-.00079
SDev	.00192	.00207	.00008	.00007	.00073	.01641	.00070
%RSD	595.77	72.948	15.312	2.9491	111.90	112.43	88.441
#1	.00168	.00430	.00047	.00241	.00014	-.00299	-.00030
#2	-.00103	.00137	.00059	.00231	.00117	-.02619	-.00128

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.03249	.00938	.00026	.00290	-.00081	.00072
SDev	.00062	.20953	.00014	.00003	.00003	.00132	.00001
%RSD	578.60	644.81	1.4424	11.311	1.0594	163.59	1.8909
#1	-.00054	-.18065	.00928	.00024	.00288	-.00174	.00073
#2	.00033	.11566	.00947	.00028	.00292	.00013	.00071

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.00061	-.00074	.00065	.00029	.00034
SDev	.00018	.00003	.00243	.00106	.00002	.00287
%RSD	19.244	4.7813	329.57	164.52	7.0506	851.68
#1	.00079	.00059	-.00245	.00140	.00031	.00237

#2	.00104	.00063	.00098	-.00011	.00028	-.00169

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24856	--	--	--	--	--	--
SDev	98.99495	--	--	--	--	--	--
%RSD	.3982739	--	--	--	--	--	--
#1	24786	--	--	--	--	--	--
#2	24926	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/10/12 15:18:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09788	.01139	.01031	.01025	.00494	.01131	.00524
SDev	.00345	.00173	.00024	.00007	.00002	.00005	.00014
%RSD	3.5254	15.150	2.3687	.72936	.38175	.44555	2.6588
#1	.09544	.01017	.01014	.01020	.00493	.01134	.00514
#2	.10032	.01262	.01049	.01030	.00495	.01127	.00534

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10041	.01027	.00971	.00944	.09518	.00876	.01020
SDev	.00166	.00014	.00014	.00018	.01063	.00002	.00021
%RSD	1.6509	1.3613	1.4354	1.9163	11.164	.22791	2.0890
#1	.09923	.01017	.00962	.00931	.08766	.00877	.01005
#2	.10158	.01037	.00981	.00957	.10269	.00875	.01035

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01033	.08890	.01023	.01101	.01035	.48187	.00388
SDev	.00028	.00055	.00005	.00048	.00036	.00243	.00075
%RSD	2.6883	.61410	.43855	4.3906	3.4381	.50406	19.248
#1	.01053	.08928	.01020	.01067	.01010	.48016	.00335
#2	.01013	.08851	.01026	.01135	.01060	.48359	.00441

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00455	.52455	.52594	.00503	.01210	.00837	.01020
SDev	.00021	.17891	.00006	.00003	.00221	.00014	.00011
%RSD	4.6160	34.108	.01181	.59286	18.297	1.7099	1.0519
#1	.00440	.39803	.52598	.00501	.01367	.00827	.01012
#2	.00470	.65106	.52589	.00505	.01054	.00847	.01027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01034	.01043	.01121	.00969	.01489	.00805

SDev	.00029	.00006	.00081	.00009	.00222	.00069
%RSD	2.7895	.60640	7.2147	.87642	14.915	8.6156
#1	.01014	.01047	.01064	.00975	.01646	.00756
#2	.01054	.01038	.01179	.00963	.01332	.00854

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25322	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1703434	--	--	--	--	--	--
#1	25352	--	--	--	--	--	--

#2	25291	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/10/12 15:22:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	491.75	.00123	-.00341	.00164	-.00041	-.00177	.00431
SDev	1.01	.00298	.00159	.00001	.00001	.00065	.00013
%RSD	.20505	242.32	46.486	.81610	3.3486	36.955	2.9140
#1	491.04	-.00088	-.00453	.00163	-.00040	-.00131	.00440
#2	492.46	.00334	-.00229	.00165	-.00042	-.00224	.00422

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	446.26	.00135	-.00016	.01223	189.09	.00440	.01017
SDev	.38	.00011	.00088	.00004	.09	.00009	.00108
%RSD	.08431	8.3732	535.77	.35650	.04589	1.9772	10.576
#1	446.53	.00143	.00046	.01220	189.16	.00446	.00941
#2	446.00	.00127	-.00078	.01226	189.03	.00434	.01093

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01026	499.74	-.00727	.00026	.00066	.04921	.00595
SDev	.00032	.03	.00009	.00204	.00042	.01314	.00104
%RSD	3.1491	.00643	1.1740	797.42	64.372	26.706	17.471
#1	-.01003	499.72	-.00733	.00170	.00096	.05850	.00522
#2	-.01048	499.77	-.00721	-.00119	.00036	.03991	.00669

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	-.11820	.15573	-.00881	-.01140	-.00098	-.00236
SDev	.00074	.13309	.00006	.00005	.00155	.00166	.00005
%RSD	93.526	112.60	.03718	.56856	13.589	169.03	2.0374
#1	-.00027	-.02409	.15577	-.00884	-.01249	.00019	-.00233
#2	-.00131	-.21231	.15569	-.00877	-.01030	-.00215	-.00239

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00400	.00235	-.08713	.05882	.00389	-.01733
SDev	.00013	.00002	.00268	.00296	.00090	.00003
%RSD	3.2210	.72744	3.0816	5.0252	23.226	.18832
#1	.00409	.00234	-.08523	.05673	.00453	-.01731
#2	.00391	.00237	-.08902	.06091	.00325	-.01735

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22674	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.2525994	--	--	--	--	--	--

#1	22634	--	--	--	--	--	--
#2	22715	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/10/12 15:26:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	496.54	1.0023	.99246	1.0158	.46980	1.0144	.46920
SDev	.25	.0021	.00149	.0008	.00024	.0019	.00085
%RSD	.05078	.21048	.14983	.07573	.05071	.18924	.18100
#1	496.36	1.0038	.99352	1.0152	.46997	1.0130	.46980
#2	496.72	1.0008	.99141	1.0163	.46964	1.0158	.46860

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	450.57	.93200	.90744	1.0628	196.80	1.2296	.94718
SDev	.10	.00030	.00032	.0008	.00	.0009	.00220
%RSD	.02150	.03177	.03581	.07639	.00010	.07159	.23200
#1	450.64	.93221	.90721	1.0622	196.80	1.2290	.94563
#2	450.50	.93179	.90767	1.0634	196.80	1.2302	.94874

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97235	505.05	.92834	.96011	.90228	13.814	.94153
SDev	.00020	.01	.00009	.00235	.00249	.006	.00176
%RSD	.02068	.00194	.01017	.24506	.27655	.04533	.18691
#1	.97221	505.06	.92840	.95845	.90404	13.809	.94028
#2	.97249	505.04	.92827	.96178	.90051	13.818	.94277

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52001	12.065	13.547	.49434	.94331	.96077	.96813
SDev	.00009	.070	.010	.00001	.00617	.00150	.00044

%RSD	.01755	.58122	.07562	.00095	.65424	.15556	.04587
#1	.51995	12.015	13.539	.49434	.94768	.96183	.96844
#2	.52008	12.114	13.554	.49434	.93895	.95972	.96781

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95842	.98644	.84050	1.0005	.98272	.96717
SDev	.00050	.00004	.00093	.0028	.01033	.00547
%RSD	.05220	.00416	.11001	.28324	1.0511	.56519
#1	.95807	.98641	.83984	.99852	.99002	.96331
#2	.95878	.98647	.84115	1.0025	.97541	.97104

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22896	--	--	--	--	--	--

SDev	31.11270	--	--	--	--	--	--
%RSD	.1358870	--	--	--	--	--	--
#1	22874	--	--	--	--	--	--
#2	22918	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 15:30:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6835	.48979	.49133	.49533	.49601	.49340	.50004
SDev	.0994	.00307	.00249	.00000	.00065	.00064	.00031
%RSD	3.7038	.62749	.50665	.00081	.13178	.13055	.06155
#1	2.6132	.48761	.48957	.49533	.49648	.49386	.50026
#2	2.7538	.49196	.49309	.49533	.49555	.49295	.49983

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.660	.49103	.49273	.49169	2.6032	.46299	.49447
SDev	.070	.00046	.00075	.00024	.0399	.00034	.00137
%RSD	.55188	.09319	.15246	.04946	1.5318	.07358	.27628
#1	12.611	.49136	.49326	.49186	2.5750	.46323	.49544
#2	12.710	.49071	.49220	.49151	2.6314	.46275	.49350

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49812	5.2021	.48750	.50162	.49025	11.753	.92618
SDev	.00243	.0824	.00048	.00003	.00040	.003	.00346
%RSD	.48705	1.5849	.09917	.00551	.08270	.02638	.37364
#1	.49640	5.1438	.48784	.50164	.49053	11.750	.92863
#2	.49983	5.2604	.48715	.50160	.48996	11.755	.92373

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24374	12.197	11.659	.24924	.50413	.50625	.49850
SDev	.00027	.028	.013	.00009	.00165	.00054	.00039
%RSD	.11035	.23173	.11025	.03529	.32790	.10589	.07801
#1	.24355	12.177	11.668	.24918	.50530	.50588	.49877
#2	.24393	12.217	11.650	.24930	.50296	.50663	.49822

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49633	.50701	.48845	.49748	.49460	.49993
SDev	.00019	.00032	.00087	.00248	.00135	.00297
%RSD	.03805	.06263	.17852	.49956	.27248	.59313
#1	.49647	.50724	.48783	.49924	.49365	.49784
#2	.49620	.50679	.48907	.49572	.49555	.50203

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25052	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.0931462	--	--	--	--	--	--
#1	25035	--	--	--	--	--	--
#2	25068	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 15:33:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14436	-.00061	-.00061	.00056	.00019	.00144	.00043
SDev	.12606	.00128	.00078	.00027	.00027	.00006	.00041
%RSD	87.318	210.03	127.69	48.729	139.30	4.3451	94.305
#1	.05523	.00030	-.00006	.00037	.00000	.00139	.00014
#2	.23350	-.00152	-.00116	.00075	.00039	.00148	.00072

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15092	.00034	.00014	-.00028	.03808	.00017	.00053
SDev	.12949	.00012	.00042	.00019	.05845	.00027	.00107
%RSD	85.802	36.083	304.57	66.784	153.51	162.68	202.77
#1	.05935	.00043	-.00016	-.00015	-.00326	-.00003	-.00023
#2	.24248	.00025	.00043	-.00041	.07941	.00036	.00129

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00304	.13767	.00058	.00160	.00037	-.06145	-.00804
SDev	.00084	.12158	.00033	.00021	.00091	.02390	.00229
%RSD	27.564	88.306	56.437	12.847	248.14	38.891	28.543

#1	.00363	.05171	.00035	.00175	-.00028	-.04455	-.00642
#2	.00245	.22364	.00081	.00146	.00101	-.07834	-.00966

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	-.10357	.00655	.00027	.00396	.00028	.00059
SDev	.00015	.04525	.00338	.00015	.00104	.00058	.00016
%RSD	37.025	43.690	51.570	54.188	26.340	205.16	26.697
#1	-.00049	-.07157	.00416	.00017	.00322	.00069	.00048
#2	-.00029	-.13557	.00894	.00037	.00470	-.00013	.00070

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00066	-.00177	.00168	.00646	.00133
SDev	.00009	.00020	.00320	.00001	.00034	.00108
%RSD	14.860	30.217	180.84	.71254	5.3441	81.727
#1	.00052	.00052	-.00403	.00167	.00671	.00209
#2	.00064	.00080	.00049	.00169	.00622	.00056

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25222	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0953201	--	--	--	--	--	--
#1	25205	--	--	--	--	--	--
#2	25239	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-69725/1-a Operator: SRP
Run Time: 01/10/12 15:37:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05219	.00032	.00004	.00083	-.00019	.00068	.00009
SDev	.05114	.00150	.00122	.00019	.00013	.00041	.00015
%RSD	97.987	468.47	2938.9	23.042	67.739	60.224	163.26
#1	.01603	.00138	.00091	.00070	-.00028	.00098	-.00001
#2	.08835	-.00074	-.00082	.00097	-.00010	.00039	.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05317	.00011	-.00021	.00073	.02459	-.00018	.00030
SDev	.05320	.00029	.00034	.00024	.02746	.00011	.00113
%RSD	100.06	255.31	157.23	33.186	111.67	61.559	378.26
#1	.01555	-.00009	-.00045	.00056	.00517	-.00025	-.00050
#2	.09079	.00032	.00002	.00090	.04400	-.00010	.00110

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00333	.04376	.00068	.00030	-.00009	-.06019	-.00786
SDev	.00056	.05088	.00013	.00029	.00007	.01208	.00043
%RSD	16.877	116.29	19.545	95.425	83.107	20.066	5.4741
#1	.00373	.00778	.00058	.00010	-.00004	-.05165	-.00816
#2	.00294	.07974	.00077	.00050	-.00014	-.06873	-.00755

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	-.10294	.00285	.00005	.00052	-.00068	.00023
SDev	.00023	.07362	.00146	.00009	.00035	.00262	.00031
%RSD	93.307	71.520	51.250	177.03	67.383	386.53	132.62
#1	-.00041	-.15500	.00182	-.00001	.00027	.00117	.00001
#2	-.00008	-.05088	.00388	.00011	.00077	-.00253	.00045

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00286	-.00083	.00086	.00667	.00167
SDev	.00027	.00024	.00008	.00166	.00051	.00110
%RSD	84.501	8.2642	9.8882	192.29	7.5687	65.859
#1	.00013	.00269	-.00088	-.00031	.00632	.00244
#2	.00051	.00303	-.00077	.00203	.00703	.00089

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25278	--	--	--	--	--	--
SDev	139.3000	--	--	--	--	--	--
%RSD	.5510613	--	--	--	--	--	--
#1	25180	--	--	--	--	--	--
#2	25377	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69725/2-a Operator: SRP
Run Time: 01/10/12 15:41:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9016	.99485	1.0065	1.0143	.50378	1.0116	.51171
SDev	.0363	.00143	.0053	.0036	.00175	.0059	.00215
%RSD	.36634	.14382	.52629	.35946	.34755	.58235	.41990
#1	9.9272	.99384	1.0103	1.0169	.50502	1.0157	.51322
#2	9.8759	.99586	1.0028	1.0117	.50254	1.0074	.51019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.215	.99959	1.0086	1.0024	10.270	.46403	1.0094
SDev	.017	.00396	.0046	.0036	.037	.00240	.0033
%RSD	.17031	.39669	.45948	.36359	.35872	.51771	.32205

#1	10.227	1.0024	1.0119	1.0050	10.296	.46573	1.0117
#2	10.203	.99679	1.0053	.99987	10.244	.46233	1.0071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0087	10.064	.99664	1.0222	1.0143	9.6991	.92963
SDev	.0018	.001	.00428	.0010	.0082	.0645	.00586
%RSD	.17742	.01224	.42997	.10085	.80516	.66550	.63013
#1	1.0074	10.065	.99967	1.0214	1.0200	9.7447	.93378
#2	1.0100	10.063	.99361	1.0229	1.0085	9.6534	.92549

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50484	9.6444	9.5749	.50759	1.0284	1.0085	1.0079
SDev	.00303	.1449	.0658	.00182	.0003	.0039	.0034
%RSD	.60009	1.5024	.68739	.35825	.02966	.38531	.33950
#1	.50698	9.7469	9.6214	.50888	1.0282	1.0112	1.0103
#2	.50270	9.5419	9.5283	.50631	1.0286	1.0057	1.0054

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0105	1.0319	.99403	1.0171	1.0035	1.0113
SDev	.0053	.0041	.00267	.0035	.0052	.0053
%RSD	.52656	.39361	.26892	.34801	.52263	.52474

#1	1.0143	1.0348	.99593	1.0196	1.0072	1.0075
#2	1.0068	1.0290	.99214	1.0146	.99978	1.0151

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25116	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	.2195984	--	--	--	--	--	--
#1	25077	--	--	--	--	--	--
#2	25155	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48380-b-5-a Operator: SRP
Run Time: 01/10/12 15:45:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02090	.00059	.00175	.00136	-.00032	.00396	.00031
SDev	.00952	.00010	.00155	.00003	.00003	.00044	.00020
%RSD	45.546	17.595	88.318	2.1191	7.9905	11.225	64.105
#1	.01417	.00067	.00284	.00134	-.00033	.00427	.00046
#2	.02764	.00052	.00066	.00138	-.00030	.00364	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42827	.00030	-.00027	-.00047	.15278	-.00023	.00368
SDev	.00761	.00003	.00016	.00008	.00845	.00001	.00050
%RSD	1.7764	8.3789	61.054	17.384	5.5306	3.7568	13.560
#1	.42289	.00032	-.00015	-.00052	.15876	-.00024	.00333
#2	.43365	.00028	-.00038	-.00041	.14681	-.00022	.00403

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	.00946	.00208	.00239	.00064	.12611	.00811
SDev	.00091	.00745	.00000	.00209	.00043	.01446	.00027
%RSD	48.261	78.728	.20260	87.442	67.107	11.470	3.3524
#1	.00125	.00420	.00208	.00386	.00034	.13633	.00830
#2	.00254	.01473	.00208	.00091	.00094	.11588	.00791

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.30183	.32097	.00195	.00141	.00192	.00030
SDev	.00014	.10358	.00016	.00001	.00499	.00024	.00004
%RSD	30.379	34.319	.04950	.52804	353.76	12.407	13.709
#1	-.00037	.37507	.32108	.00196	.00494	.00209	.00033
#2	-.00057	.22858	.32086	.00194	-.00212	.00175	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00009	.00316	.00360	.00372	.00538	.00014
SDev	.00029	.00017	.00066	.00042	.00024	.00125
%RSD	331.83	5.3521	18.439	11.200	4.5474	862.35
#1	.00029	.00304	.00313	.00343	.00521	-.00074
#2	-.00012	.00328	.00407	.00402	.00555	.00103

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25398	--	--	--	--	--	--
SDev	48.79037	--	--	--	--	--	--
%RSD	.1921070	--	--	--	--	--	--
#1	25363	--	--	--	--	--	--
#2	25432	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48380-b-5-b du Operator: SRP
Run Time: 01/10/12 15:49:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01798	.00039	.00017	.00065	-.00038	.00320	.00014
SDev	.00249	.00023	.00279	.00003	.00002	.00044	.00017

%RSD	13.853	59.982	1681.2	3.8757	4.2613	13.574	125.23
#1	.01622	.00055	.00214	.00067	-.00039	.00351	.00002
#2	.01974	.00022	-.00181	.00063	-.00036	.00289	.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42634	.00031	-.00033	-.00041	.16082	-.00028	.00693
SDev	.00260	.00022	.00025	.00037	.01349	.00000	.00008
%RSD	.61053	71.939	74.703	90.730	8.3892	1.1877	1.1315
#1	.42450	.00046	-.00051	-.00015	.15128	-.00028	.00687
#2	.42818	.00015	-.00016	-.00067	.17036	-.00029	.00699

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	.00221	.00202	.00067	.00107	.12343	.00909
SDev	.00043	.00244	.00000	.00006	.00056	.00315	.00222
%RSD	28.797	110.14	.03201	8.6896	52.469	2.5504	24.459
#1	.00118	.00049	.00202	.00063	.00067	.12565	.01066
#2	.00179	.00394	.00202	.00072	.00147	.12120	.00751

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.17748	.19764	.00194	-.00108	-.00022	.00023
SDev	.00020	.02603	.00024	.00000	.00638	.00136	.00017
%RSD	42.784	14.667	.12262	.03034	593.19	630.53	71.485
#1	-.00062	.15908	.19782	.00194	.00344	-.00118	.00035
#2	-.00033	.19589	.19747	.00194	-.00559	.00075	.00011

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00294	.00682	.00699	.00322	.00062
SDev	.00027	.00000	.00049	.00036	.00147	.00138
%RSD	136.21	.02707	7.1261	5.1622	45.755	221.76
#1	.00038	.00294	.00716	.00673	.00426	-.00035
#2	.00001	.00294	.00648	.00724	.00218	.00160

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25222	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0336424	--	--	--	--	--	--
#1	25228	--	--	--	--	--	--
#2	25216	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48380-b-5-c ms Operator: SRP
Run Time: 01/10/12 15:53:07
Comment: TRACE 61E

Analysis Report 01/10/12 03:56:54 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8675	.99313	1.0077	1.0216	.49878	1.0111	.50944
SDev	.2143	.01841	.0216	.0194	.00995	.0173	.01011
%RSD	2.1719	1.8535	2.1396	1.9014	1.9940	1.7120	1.9848
#1	10.019	1.0061	1.0229	1.0354	.50581	1.0233	.51659
#2	9.7159	.98012	.99243	1.0079	.49175	.99885	.50229

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.550	.99341	.99998	1.0006	10.425	.46634	1.0037
SDev	.213	.02112	.02015	.0202	.243	.00920	.0173
%RSD	2.0156	2.1264	2.0152	2.0142	2.3332	1.9734	1.7220
#1	10.700	1.0083	1.0142	1.0148	10.597	.47285	1.0159
#2	10.400	.97847	.98573	.98630	10.253	.45983	.99147

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0008	9.9761	.99386	1.0175	1.0133	9.9385	.94394
SDev	.0171	.2141	.01978	.0137	.0223	.2031	.02061
%RSD	1.7043	2.1457	1.9898	1.3502	2.1989	2.0432	2.1838
#1	1.0128	10.127	1.0078	1.0272	1.0290	10.082	.95851
#2	.98872	9.8248	.97987	1.0078	.99750	9.7949	.92936

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50394	9.8282	9.8225	.51272	1.0358	1.0038	1.0057
SDev	.01016	.2363	.1935	.00984	.0205	.0214	.0195
%RSD	2.0165	2.4047	1.9697	1.9195	1.9770	2.1339	1.9417

#1	.51113	9.9954	9.9593	.51968	1.0502	1.0190	1.0195
#2	.49676	9.6611	9.6857	.50577	1.0213	.98870	.99190

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0065	1.0278	.98100	1.0150	.98717	1.0076
SDev	.0206	.0202	.01477	.0185	.01309	.0190
%RSD	2.0489	1.9676	1.5053	1.8268	1.3260	1.8896
#1	1.0211	1.0421	.99144	1.0281	.99643	1.0210
#2	.99191	1.0135	.97056	1.0019	.97791	.99412

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24836	--	--	--	--	--	--
SDev	296.2777	--	--	--	--	--	--
%RSD	1.192913	--	--	--	--	--	--
#1	24627	--	--	--	--	--	--
#2	25046	--	--	--	--	--	--

Analysis Report 01/10/12 03:56:54 PM page 15

Method: 20076010 Sample Name: 600-48380-b-5-d msd Operator: SRP
Run Time: 01/10/12 15:56:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7973	.99455	.99549	1.0180	.49289	1.0059	.50422
SDev	.0348	.00107	.00178	.0036	.00234	.0027	.00288
%RSD	.35476	.10789	.17834	.35652	.47430	.27277	.57114
#1	9.8219	.99379	.99675	1.0205	.49454	1.0078	.50626
#2	9.7727	.99530	.99424	1.0154	.49124	1.0039	.50219

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.415	.98231	.98843	.99228	10.275	.46497	.99557
SDev	.045	.00468	.00555	.00397	.042	.00149	.00335
%RSD	.43258	.47659	.56140	.39991	.40964	.31959	.33698
#1	10.447	.98562	.99235	.99508	10.305	.46602	.99795
#2	10.383	.97900	.98451	.98947	10.245	.46392	.99320

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99435	9.8519	.98330	1.0100	.99601	9.8780	.93404
SDev	.00498	.0398	.00442	.0036	.00301	.0396	.00564
%RSD	.50105	.40384	.44938	.35206	.30256	.40116	.60413
#1	.99787	9.8800	.98643	1.0125	.99814	9.9060	.93803
#2	.99083	9.8238	.98018	1.0075	.99388	9.8500	.93005

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.50026	9.7500	9.8007	.50990	1.0259	.98828	.99910
SDev	.00196	.1441	.0368	.00155	.0034	.00722	.00459
%RSD	.39082	1.4779	.37565	.30340	.32807	.73104	.45903
#1	.50164	9.8518	9.8267	.51099	1.0236	.99339	1.0023
#2	.49887	9.6481	9.7747	.50880	1.0283	.98317	.99585

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99647	1.0174	.97551	1.0056	.97883	1.0021
SDev	.00473	.0056	.00400	.0030	.00626	.0043
%RSD	.47421	.54781	.41019	.30147	.63941	.43348
#1	.99981	1.0213	.97834	1.0078	.98325	1.0052
#2	.99313	1.0135	.97268	1.0035	.97440	.99904

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25253	--	--	--	--	--	--

SDev	19.79899	--	--	--	--	--	--
%RSD	.0784025	--	--	--	--	--	--
#1	25239	--	--	--	--	--	--
#2	25267	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48508-d-1-a Operator: SRP
Run Time: 01/10/12 16:00:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11530	.00376	.00487	.20594	-.00052	.36979	-.00005
SDev	.00106	.00168	.00094	.00056	.00002	.00253	.00004
%RSD	.91875	44.831	19.260	.27451	3.5473	.68440	70.667
#1	.11605	.00495	.00421	.20634	-.00051	.37158	-.00003
#2	.11455	.00256	.00554	.20554	-.00054	.36800	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.924	.00018	.00060	-.00054	.12653	.04173	-.00030
SDev	.410	.00053	.00009	.00011	.00609	.00016	.00001
%RSD	.50681	291.80	14.419	19.548	4.8168	.39484	4.2894
#1	81.214	.00056	.00054	-.00046	.13084	.04185	-.00029
#2	80.634	-.00019	.00066	-.00061	.12222	.04161	-.00031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00581	29.982	.02380	.28683	.00498	78.115	5.0172
SDev	.00075	.133	.00018	.00087	.00006	.191	.0228
%RSD	12.825	.44310	.74940	.30485	1.1224	.24480	.45362
#1	.00633	30.075	.02393	.28744	.00494	78.250	5.0333
#2	.00528	29.888	.02367	.28621	.00502	77.980	5.0011

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	825.07	410.98	1.1935	.00378	-.00050	-.00016
SDev	.00039	3.60	1.27	.0038	.00214	.00124	.00018
%RSD	73.255	.43619	.30848	.31937	56.648	245.67	112.18
#1	-.00026	827.62	411.88	1.1962	.00530	.00037	-.00003
#2	-.00081	822.53	410.09	1.1908	.00227	-.00138	-.00029

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01367	.01555	-.00047	-.00021	.01276	.00233
SDev	.00012	.00015	.00203	.00104	.00170	.00027
%RSD	.86342	.99015	429.84	492.09	13.323	11.459
#1	.01376	.01566	-.00191	.00052	.01397	.00252
#2	.01359	.01545	.00096	-.00094	.01156	.00214

Analysis Report 01/10/12 04:04:36 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24301	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.1571284	--	--	--	--	--	--
#1	24274	--	--	--	--	--	--
#2	24328	--	--	--	--	--	--

Analysis Report 01/10/12 04:09:13 PM page 1

Method: 20076010 Sample Name: 600-48509-b-1-a Operator: SRP
Run Time: 01/10/12 16:05:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16659	.00080	.00862	.27360	-.00053	.52315	-.00007
SDev	.00239	.00055	.00162	.00126	.00000	.00425	.00005
%RSD	1.4379	68.371	18.750	.46057	.59355	.81246	76.894
#1	.16829	.00119	.00976	.27450	-.00053	.52615	-.00003
#2	.16490	.00041	.00748	.27271	-.00054	.52014	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.397	.00120	.00066	.00017	.15018	.06782	-.00001
SDev	.769	.00045	.00009	.00011	.00325	.00015	.00063
%RSD	1.3888	37.653	12.884	61.034	2.1668	.22269	4893.6
#1	55.941	.00152	.00072	.00025	.14788	.06793	.00043
#2	54.853	.00088	.00060	.00010	.15248	.06772	-.00046

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10456	29.317	.08165	.05134	.00389	115.22	1.3543

SDev	.00056	.353	.00095	.00035	.00023	.38	.0065
%RSD	.53369	1.2047	1.1670	.67541	6.0401	.32811	.48123
#1	.10416	29.567	.08232	.05158	.00372	115.49	1.3589
#2	.10495	29.067	.08097	.05109	.00406	114.96	1.3497

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	1902.7	623.99	1.6017	.00317	.00228	.00014
SDev	.00010	9.8	10.25	.0081	.00006	.00285	.00014
%RSD	11.931	.51620	1.6421	.50496	1.8300	125.27	104.25
#1	-.00091	1909.7	631.23	1.6075	.00321	.00026	.00024
#2	-.00077	1895.8	616.74	1.5960	.00313	.00429	.00004

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01660	.06231	-.00031	.00013	.11091	.10138
SDev	.00010	.00076	.00097	.00143	.00514	.00173
%RSD	.62577	1.2196	314.23	1061.0	4.6376	1.7113
#1	.01667	.06285	-.00099	.00115	.10728	.10260
#2	.01652	.06178	.00038	-.00088	.11455	.10015

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24188	--	--	--	--	--	--
SDev	290.6209	--	--	--	--	--	--
%RSD	1.201484	--	--	--	--	--	--

#1	23983	--	--	--	--	--	--
#2	24394	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48380-b-5-a Operator: SRP
Run Time: 01/10/12 16:09:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7866	.97285	.99212	1.0220	.48384	1.0029	.50829
SDev	.0164	.00567	.00819	.0023	.00045	.0032	.00054
%RSD	.16794	.58319	.82553	.22205	.09241	.31775	.10670
#1	9.7750	.96883	.98633	1.0204	.48352	1.0007	.50791
#2	9.7983	.97686	.99792	1.0236	.48415	1.0052	.50867

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.349	.98496	.97885	.98471	10.203	.94642	.99838
SDev	.018	.00085	.00058	.00132	.015	.00237	.00166
%RSD	.17804	.08672	.05890	.13373	.14213	.25072	.16640
#1	10.336	.98436	.97844	.98378	10.193	.94474	.99721
#2	10.362	.98557	.97925	.98564	10.214	.94810	.99956

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98743	9.7889	.99594	1.0002	1.0130	9.8872	.96751
SDev	.00223	.0158	.00104	.0044	.0009	.0424	.00305
%RSD	.22556	.16175	.10467	.44090	.08449	.42844	.31533
#1	.98585	9.7777	.99520	.99711	1.0136	9.8573	.96967
#2	.98900	9.8001	.99667	1.0034	1.0124	9.9172	.96535

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49528	10.080	10.012	.50880	1.0214	.97647	.99626
SDev	.00057	.014	.130	.00157	.0062	.00001	.00164
%RSD	.11511	.13641	1.3022	.30798	.60654	.00062	.16426
#1	.49488	10.071	9.9202	.50769	1.0170	.97647	.99510
#2	.49568	10.090	10.105	.50991	1.0258	.97646	.99742

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98515	1.0231	.97612	1.0095	.97400	.99414
SDev	.00102	.0021	.00016	.0026	.00197	.00236
%RSD	.10383	.20279	.01622	.25470	.20230	.23695
#1	.98443	1.0217	.97624	1.0077	.97261	.99248
#2	.98588	1.0246	.97601	1.0113	.97539	.99581

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/10/12 04:13:04 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25273	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1734682	--	--	--	--	--	--
#1	25304	--	--	--	--	--	--
#2	25242	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48380-b-5-a@5 Operator: SRP
Run Time: 01/10/12 16:13:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02819	.00634	.00246	.00028	-.00046	.00256	.00001
SDev	.00164	.00226	.00046	.00002	.00002	.00115	.00016
%RSD	5.8044	35.596	18.492	5.9284	3.4057	44.749	1854.9
#1	.02703	.00794	.00278	.00027	-.00044	.00337	.00012
#2	.02934	.00474	.00214	.00030	-.00047	.00175	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08078	-.00009	-.00007	-.00001	.02891	-.00024	.00136
SDev	.00111	.00010	.00038	.00005	.01790	.00003	.00051
%RSD	1.3788	107.20	534.84	404.47	61.904	12.225	37.412

#1	.07999	-.00016	.00020	.00002	.04157	-.00026	.00100
#2	.08157	-.00002	-.00034	-.00005	.01626	-.00021	.00172

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	-.00672	.00045	.00222	.00028	-.02168	-.00161
SDev	.00076	.00282	.00008	.00136	.00081	.01639	.00104
%RSD	71.805	42.004	18.737	61.457	289.33	75.597	64.986

#1	.00159	-.00872	.00039	.00319	.00086	-.03327	-.00087
#2	.00052	-.00473	.00051	.00126	-.00029	-.01009	-.00234

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	.04111	.07531	.00040	-.00214	.00032	.00019
SDev	.00038	.10825	.01966	.00004	.00196	.00269	.00000
%RSD	107.42	263.33	26.108	10.709	91.712	828.73	1.7838

#1	-.00008	.11765	.06141	.00037	-.00075	.00222	.00019
#2	-.00062	-.03544	.08922	.00043	-.00353	-.00157	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00376	.00400	.00004	.00591	-.00138
SDev	.00017	.00012	.00121	.00137	.00230	.00002
%RSD	111.92	3.2337	30.341	3178.8	38.959	1.2567

#1	.00003	.00367	.00485	-.00093	.00754	-.00139

#2	.00027	.00384	.00314	.00101	.00428	-.00136

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25190	--	--	--	--	--	--
SDev	62.93250	--	--	--	--	--	--
%RSD	.2498363	--	--	--	--	--	--

#1	25234	--	--	--	--	--	--
#2	25145	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 16:16:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4864	.49396	.48888	.49861	.48321	.49453	.50227
SDev	.0032	.00098	.00240	.00035	.00108	.00025	.00144
%RSD	.12852	.19779	.49106	.07098	.22242	.05126	.28604

#1	2.4841	.49327	.49058	.49836	.48397	.49435	.50328
#2	2.4886	.49465	.48719	.49886	.48245	.49471	.50125

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.406	.48342	.48303	.48281	2.5259	.46471	.49132
SDev	.025	.00106	.00099	.00019	.0168	.00081	.00212

%RSD	.19788	.21897	.20507	.03871	.66598	.17461	.43087
#1	12.424	.48417	.48373	.48294	2.5378	.46413	.49281
#2	12.389	.48267	.48233	.48268	2.5140	.46528	.48982

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49369	4.9039	.48244	.49709	.49905	11.809	.91595
SDev	.00358	.0076	.00077	.00317	.00406	.014	.00178
%RSD	.72503	.15496	.16002	.63786	.81356	.11726	.19391
#1	.49623	4.9093	.48299	.49485	.50192	11.799	.91720
#2	.49116	4.8986	.48189	.49933	.49618	11.818	.91469

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24284	12.356	11.751	.25151	.50457	.49606	.49456
SDev	.00001	.020	.039	.00024	.00314	.00411	.00047
%RSD	.00252	.15798	.33278	.09579	.62296	.82780	.09454
#1	.24283	12.342	11.723	.25134	.50235	.49896	.49489
#2	.24284	12.370	11.779	.25168	.50679	.49315	.49423

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48918	.50772	.47785	.49805	.48634	.49743

SDev	.00112	.00063	.00021	.00307	.00593	.00241
%RSD	.22942	.12308	.04481	.61608	1.2188	.48360
#1	.48998	.50817	.47800	.50022	.49053	.49913
#2	.48839	.50728	.47770	.49588	.48215	.49573

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24924	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.2751995	--	--	--	--	--	--
#1	24875	--	--	--	--	--	--
#2	24972	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 16:20:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05505	.00137	.00117	.00031	-.00026	.00104	.00021
SDev	.00134	.00207	.00138	.00003	.00003	.00005	.00019
%RSD	2.4379	150.65	118.63	10.703	12.356	4.4315	91.470
#1	.05600	-.00009	.00215	.00028	-.00028	.00107	.00007
#2	.05410	.00283	.00019	.00033	-.00023	.00100	.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.02963	.00038	-.00005	-.00110	.01108	.00003	.00039
SDev	.00239	.00027	.00017	.00004	.01696	.00009	.00052
%RSD	8.0805	71.177	367.78	3.7947	153.11	281.88	133.61
#1	.02794	.00057	-.00016	-.00113	-.00092	-.00003	.00075
#2	.03132	.00019	.00007	-.00107	.02307	.00009	.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00390	.02766	.00033	.00112	.00010	-.01819	-.00982
SDev	.00101	.00085	.00003	.00032	.00012	.00571	.00232
%RSD	25.872	3.0905	8.1315	28.663	118.39	31.387	23.573
#1	.00318	.02706	.00035	.00134	.00002	-.02223	-.00818
#2	.00461	.02826	.00031	.00089	.00019	-.01416	-.01146

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00049	.01045	.00015	.00053	-.00042	.00026
SDev	.00023	.03881	.00226	.00001	.00043	.00064	.00014
%RSD	93.447	7970.1	21.578	3.7683	79.928	152.06	52.589
#1	-.00041	-.02696	.00886	.00014	.00023	-.00088	.00036
#2	-.00008	.02793	.01205	.00015	.00083	.00003	.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00046	.00255	-.00069	.00889	.00140
SDev	.00027	.00002	.00261	.00208	.00325	.00012
%RSD	46.596	3.9302	102.52	300.15	36.598	8.2074
#1	.00077	.00047	.00070	.00078	.00659	.00148
#2	.00039	.00045	.00439	-.00216	.01119	.00132

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25046	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.2004455	--	--	--	--	--	--
#1	25082	--	--	--	--	--	--
#2	25011	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-69736/1-a Operator: SRP
Run Time: 01/10/12 16:24:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02573	.00148	.00107	.00228	-.00048	.00079	.00010
SDev	.00054	.00106	.00097	.00013	.00008	.00028	.00017
%RSD	2.1111	72.151	90.553	5.5558	17.463	35.006	179.27
#1	.02534	.00072	.00175	.00219	-.00054	.00059	-.00003
#2	.02611	.00223	.00038	.00237	-.00042	.00098	.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00511	.00022	-.00025	-.00105	.04124	-.00024	.00032
SDev	.00296	.00015	.00029	.00035	.01583	.00011	.00010
%RSD	57.943	66.771	115.23	33.550	38.379	46.549	32.020
#1	.00302	.00012	-.00046	-.00130	.03005	-.00031	.00039
#2	.00721	.00033	-.00005	-.00080	.05243	-.00016	.00025

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	-.00728	.00061	.00041	-.00061	-.05309	-.00922
SDev	.00405	.00312	.00008	.00056	.00018	.00935	.00042
%RSD	312.90	42.843	13.904	135.38	29.170	17.609	4.5753
#1	-.00157	-.00948	.00055	.00080	-.00074	-.05970	-.00952
#2	.00416	-.00507	.00067	.00002	-.00049	-.04648	-.00892

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	.00044	.00489	.00009	-.00011	.00078	.00012
SDev	.00041	.11103	.00394	.00005	.00107	.00209	.00011

%RSD	75.738	24996.	80.640	54.464	996.18	268.44	92.470
#1	-.00083	-.07807	.00210	.00005	.00065	-.00070	.00004
#2	-.00025	.07896	.00767	.00012	-.00086	.00225	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00285	.00110	-.00008	.00590	-.00101
SDev	.00035	.00012	.00225	.00128	.00325	.00445
%RSD	137.01	4.0260	204.08	1700.2	55.000	441.21
#1	.00001	.00277	-.00049	.00083	.00361	-.00416
#2	.00051	.00293	.00269	-.00098	.00820	.00214

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25036	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.2033539	--	--	--	--	--	--
#1	25072	--	--	--	--	--	--
#2	25000	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69736/2-a Operator: SRP
Run Time: 01/10/12 16:28:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8006	.99729	.99611	1.0243	.48682	1.0095	.51005
SDev	.0035	.00128	.00042	.0010	.00010	.0012	.00090
%RSD	.03564	.12823	.04249	.10029	.02037	.12084	.17713
#1	9.8030	.99820	.99641	1.0236	.48675	1.0086	.50941

#2	9.7981	.99639	.99581	1.0250	.48689	1.0103	.51069

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.066	.97674	.98178	.98446	10.182	.46740	.99282
SDev	.003	.00026	.00008	.00027	.000	.00047	.00006
%RSD	.03105	.02612	.00833	.02785	.00129	.10157	.00631
#1	10.068	.97692	.98183	.98465	10.182	.46773	.99286
#2	10.064	.97656	.98172	.98426	10.183	.46706	.99277

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98954	9.8285	.98134	1.0090	1.0177	9.7442	.91657
SDev	.00375	.0009	.00014	.0025	.0026	.0032	.00012
%RSD	.37922	.00875	.01443	.25159	.25819	.03311	.01299
#1	.98688	9.8278	.98124	1.0072	1.0195	9.7465	.91649
#2	.99219	9.8291	.98144	1.0108	1.0158	9.7419	.91665

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50024	9.6258	9.6745	.51321	1.0337	.98925	.99971
SDev	.00050	.0017	.0157	.00017	.0006	.00318	.00037
%RSD	.09996	.01721	.16256	.03282	.05587	.32173	.03717
#1	.49988	9.6246	9.6857	.51309	1.0333	.99150	.99945
#2	.50059	9.6269	9.6634	.51333	1.0341	.98700	.99997

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99014	1.0318	.96197	1.0082	.97197	.99832
SDev	.00068	.0003	.00749	.0037	.00710	.00918
%RSD	.06846	.02433	.77918	.36239	.73084	.91959
#1	.98966	1.0320	.96727	1.0057	.97699	.99183
#2	.99062	1.0317	.95667	1.0108	.96695	1.0048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25004	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1583666	--	--	--	--	--	--
#1	25032	--	--	--	--	--	--
#2	24976	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-69706/1-c Operator: SRP
Run Time: 01/10/12 16:32:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03635	.00023	.00085	.00442	-.00056	.00720	-.00005
SDev	.00098	.00260	.00091	.00002	.00001	.00142	.00013
%RSD	2.6948	1124.5	106.75	.38858	1.8526	19.784	244.67

#1	.03705	.00207	.00021	.00441	-.00055	.00820	-.00015
#2	.03566	-.00161	.00149	.00443	-.00057	.00619	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10095	.00029	-.00035	-.00067	-.01006	-.00031	.00045
SDev	.00056	.00024	.00029	.00007	.01287	.00003	.00028
%RSD	.55271	85.540	82.004	10.458	127.86	11.228	61.812

#1	.10055	.00046	-.00056	-.00062	-.01916	-.00029	.00065
#2	.10134	.00011	-.00015	-.00072	-.00097	-.00034	.00026

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00424	-.00941	.00077	.00173	-.00050	-.10054	-.00017
SDev	.00450	.00528	.00000	.00093	.00077	.02887	.00002
%RSD	106.04	56.090	.17720	53.657	153.17	28.717	12.728

#1	.00743	-.00568	.00077	.00239	-.00105	-.08012	-.00016
#2	.00106	-.01314	.00077	.00107	.00004	-.12096	-.00019

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	173.90	132.82	.00037	.00110	.00051	.00032
SDev	.00049	.20	.20	.00001	.00072	.00015	.00017
%RSD	64.826	.11699	.14719	2.4778	65.281	29.404	52.910

#1	-.00110	173.75	132.96	.00038	.00161	.00062	.00044
#2	-.00041	174.04	132.68	.00036	.00059	.00041	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00456	-.00007	.00071	.00961	.00156
SDev	.00036	.00009	.00012	.00048	.00511	.00420
%RSD	92.573	1.9230	178.08	67.282	53.172	268.47

#1	.00065	.00462	-.00015	.00106	.01322	.00453
#2	.00014	.00449	.00002	.00037	.00600	-.00140

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25406	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1809133	--	--	--	--	--	--

#1	25373	--	--	--	--	--	--
#2	25438	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48428-a-3-h Operator: SRP
Run Time: 01/10/12 16:36:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05282	.00059	.00306	.08064	-.00060	.01920	-.00004

SDev	.00045	.00321	.00104	.00011	.00002	.00032	.00017
%RSD	.85241	548.03	34.016	.13359	3.6965	1.6696	457.38
#1	.05314	.00286	.00233	.08072	-.00062	.01943	.00008
#2	.05250	-.00168	.00380	.08057	-.00059	.01898	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7194	.00028	.00040	-.00072	.39987	.00098	-.00050
SDev	.0101	.00005	.00004	.00004	.01030	.00002	.00051
%RSD	.37099	16.784	10.350	5.4736	2.5757	1.7606	101.26
#1	2.7265	.00025	.00037	-.00069	.40715	.00099	-.00014
#2	2.7122	.00032	.00043	-.00075	.39259	.00097	-.00087

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01349	.62262	.09159	.00116	.00384	1.8194	.33593
SDev	.00174	.00476	.00041	.00040	.00017	.0104	.00336
%RSD	12.895	.76518	.45068	34.784	4.5434	.57189	1.0010
#1	.01472	.62599	.09188	.00087	.00372	1.8267	.33830
#2	.01226	.61925	.09130	.00144	.00396	1.8120	.33355

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	166.26	127.91	.07794	.00136	.00111	.00014
SDev	.00006	.55	.22	.00012	.00204	.00117	.00001
%RSD	12.896	.32979	.17382	.15760	150.89	105.01	3.3555
#1	-.00049	166.65	128.07	.07802	.00280	.00194	.00013
#2	-.00041	165.87	127.76	.07785	-.00009	.00029	.00014

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	.13885	-.00074	-.00039	.01674	.01186
SDev	.00044	.00009	.00166	.00160	.00026	.00248
%RSD	40.931	.06105	225.49	410.36	1.5712	20.884
#1	.00139	.13891	-.00191	.00074	.01693	.01362
#2	.00076	.13879	.00044	-.00152	.01655	.01011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25412	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1530444	--	--	--	--	--	--
#1	25384	--	--	--	--	--	--
#2	25439	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-1-c Operator: SRP
Run Time: 01/10/12 16:40:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12259	.00027	.00258	.05564	-.00058	.06022	-.00005
SDev	.00002	.00181	.00244	.00010	.00002	.00035	.00016
%RSD	.01459	663.98	94.648	.18627	3.3960	.58215	283.32
#1	.12260	-.00101	.00430	.05557	-.00060	.06047	-.00016
#2	.12258	.00156	.00085	.05571	-.00057	.05997	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.038	.00021	-.00046	-.00077	.04234	-.00024	.00006
SDev	.017	.00005	.00004	.00017	.01447	.00003	.00014
%RSD	.17025	23.190	8.1451	21.480	34.166	13.321	228.79

#1	10.050	.00025	-.00044	-.00065	.03211	-.00021	.00015
#2	10.026	.00018	-.00049	-.00089	.05257	-.00026	-.00004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	1.0016	.06602	-.00011	.00037	.17342	.31577
SDev	.00431	.0055	.00004	.00023	.00023	.01205	.00145
%RSD	194.68	.55242	.06036	208.10	60.342	6.9488	.45795
#1	.00526	1.0055	.06605	.00005	.00053	.18194	.31474
#2	-.00083	.99770	.06599	-.00027	.00021	.16490	.31679

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	157.18	122.11	.03537	-.00062	-.00033	.00264
SDev	.00034	.49	.18	.00003	.00032	.00094	.00024
%RSD	64.870	.30940	.14805	.08151	51.792	285.49	9.1960
#1	-.00077	156.84	121.98	.03535	-.00085	-.00100	.00247
#2	-.00029	157.53	122.24	.03539	-.00040	.00034	.00282

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00578	.01554	.00082	-.00032	.00829	-.00083
SDev	.00025	.00002	.00026	.00007	.00840	.00226
%RSD	4.2592	.13348	31.274	23.255	101.32	273.47
#1	.00560	.01552	.00100	-.00027	.01423	.00077
#2	.00595	.01555	.00064	-.00037	.00235	-.00242

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25581	--	--	--	--	--	--
SDev	67.88225	--	--	--	--	--	--
%RSD	.2653620	--	--	--	--	--	--
#1	25533	--	--	--	--	--	--
#2	25629	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-2-c Operator: SRP
Run Time: 01/10/12 16:43:57

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03873	-.00047	-.00089	.10542	-.00072	.02669	-.00006
SDev	.00182	.00129	.00291	.00206	.00006	.00020	.00026
%RSD	4.6914	274.82	326.42	1.9579	8.1422	.76476	426.19
#1	.03745	-.00138	-.00295	.10688	-.00076	.02655	-.00024
#2	.04002	.00044	.00117	.10396	-.00068	.02684	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.380	-.00048	.00069	.00005	-.01452	.00164	.00036
SDev	.802	.00070	.00030	.00035	.01727	.00004	.00028
%RSD	1.1393	145.04	42.752	713.23	118.94	2.5286	77.114
#1	70.947	-.00097	.00048	-.00020	-.02673	.00167	.00056
#2	69.813	.00001	.00090	.00030	-.00231	.00161	.00016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00267	1.4249	.11707	.00030	.00171	.22031	1.5292
SDev	.00057	.0248	.00149	.00111	.00010	.01380	.0222
%RSD	21.461	1.7400	1.2703	367.72	5.7719	6.2651	1.4550
#1	.00226	1.4424	.11812	-.00048	.00164	.23007	1.5449
#2	.00307	1.4073	.11602	.00109	.00178	.21055	1.5135

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00096	173.02	134.00	.11841	-.00055	.00092	-.00032
SDev	.00025	3.87	3.06	.00244	.00077	.00071	.00023
%RSD	25.806	2.2365	2.2828	2.0618	139.10	77.389	72.718
#1	-.00113	175.75	136.16	.12013	-.00110	.00041	-.00049
#2	-.00078	170.28	131.83	.11668	-.00001	.00142	-.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.01077	.00087	.00011	.01027	-.00114
SDev	.00073	.00004	.00021	.00052	.00168	.00002
%RSD	287.74	.39144	24.669	489.56	16.392	1.4758
#1	-.00026	.01074	.00071	.00048	.00908	-.00115
#2	.00077	.01080	.00102	-.00026	.01146	-.00112

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24913	--	--	--	--	--	--
SDev	357.7960	--	--	--	--	--	--
%RSD	1.436182	--	--	--	--	--	--
#1	24660	--	--	--	--	--	--
#2	25166	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-2-d ms Operator: SRP
Run Time: 01/10/12 16:47:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.064	1.0061	1.0025	1.1212	.47835	1.0461	.49848
SDev	.099	.0098	.0078	.0094	.00394	.0089	.00340

Analysis Report 01/10/12 04:51:35 PM page 13

%RSD	.98294	.97584	.77619	.84087	.82422	.85216	.68269
#1	10.133	1.0130	1.0080	1.1279	.48114	1.0524	.50089
#2	9.9936	.99913	.99699	1.1145	.47556	1.0398	.49608

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.927	.95192	.95986	.99020	9.9166	.54753	.97986
SDev	.658	.00761	.00763	.00899	.0941	.00522	.00729
%RSD	.82295	.79955	.79444	.90831	.94929	.95415	.74366
#1	80.392	.95730	.96525	.99656	9.9831	.55123	.98502
#2	79.462	.94653	.95447	.98384	9.8500	.54384	.97471

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0062	10.989	1.0694	1.0055	1.0058	12.935	2.5221
SDev	.0057	.103	.0088	.0075	.0101	.148	.0244
%RSD	.56619	.93567	.81998	.74722	1.0040	1.1436	.96787
#1	1.0102	11.062	1.0756	1.0108	1.0129	13.039	2.5394
#2	1.0021	10.917	1.0632	1.0002	.99864	12.830	2.5049

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50203	186.16	143.86	.63131	1.0386	.98336	.98864
SDev	.00473	1.93	1.28	.00559	.0044	.01088	.00841
%RSD	.94311	1.0358	.88638	.88576	.42410	1.1062	.85027
#1	.50538	187.53	144.76	.63526	1.0417	.99106	.99459
#2	.49868	184.80	142.96	.62735	1.0355	.97567	.98270

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98008	1.0292	.94647	.99656	.98528	1.0166
SDev	.00842	.0087	.00700	.00743	.00823	.0044
%RSD	.85928	.84101	.74010	.74536	.83567	.43562
#1	.98603	1.0353	.95143	1.0018	.99110	1.0197
#2	.97412	1.0231	.94152	.99131	.97946	1.0135

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24808	--	--	--	--	--	--
SDev	139.3000	--	--	--	--	--	--
%RSD	.5615239	--	--	--	--	--	--

#1	24709	--	--	--	--	--	--
#2	24906	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-2-e msd Operator: SRP
Run Time: 01/10/12 16:51:38
Comment: TRACE 61E

Analysis Report 01/10/12 04:55:26 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.061	1.0050	1.0048	1.1230	.47724	1.0472	.49676
SDev	.003	.0072	.0051	.0008	.00042	.0011	.00033
%RSD	.02582	.71245	.50323	.06921	.08834	.10725	.06611
#1	10.060	.99993	1.0012	1.1224	.47694	1.0464	.49653
#2	10.063	1.0101	1.0084	1.1235	.47754	1.0480	.49699

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.617	.94970	.95690	.99039	9.8826	.54826	.97816
SDev	.071	.00202	.00057	.00057	.0140	.00034	.00104
%RSD	.08871	.21319	.05980	.05732	.14125	.06292	.10597
#1	79.567	.94827	.95650	.98998	9.8924	.54851	.97742
#2	79.667	.95113	.95731	.99079	9.8727	.54802	.97889

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0089	10.970	1.0663	1.0036	.98745	12.916	2.5188
SDev	.0041	.012	.0014	.0007	.00081	.007	.0039
%RSD	.40167	.11183	.12699	.07128	.08216	.05314	.15392
#1	1.0060	10.961	1.0653	1.0031	.98688	12.921	2.5161
#2	1.0118	10.979	1.0672	1.0041	.98802	12.911	2.5216

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50120	186.32	143.83	.63135	1.0412	.97989	.98565
SDev	.00082	.45	.10	.00062	.0028	.00238	.00085
%RSD	.16352	.23904	.06630	.09766	.27062	.24326	.08633
#1	.50062	186.63	143.90	.63091	1.0393	.97821	.98504
#2	.50178	186.00	143.76	.63179	1.0432	.98158	.98625

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97785	1.0285	.94261	.99593	.98661	1.0201
SDev	.00148	.0007	.00187	.00249	.00651	.0093
%RSD	.15095	.06832	.19813	.24987	.66006	.91511
#1	.97681	1.0280	.94393	.99417	.99121	1.0135
#2	.97890	1.0290	.94129	.99769	.98200	1.0267

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	24852	--	--	--	--	--	--
SDev	100.4092	--	--	--	--	--	--
%RSD	.4040285	--	--	--	--	--	--
#1	24923	--	--	--	--	--	--
#2	24781	--	--	--	--	--	--

Analysis Report 01/10/12 04:55:26 PM page 15

Method: 20076010 Sample Name: PDS-600-48422-a-2-c Operator: SRP
Run Time: 01/10/12 16:55:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9033	.97470	.99240	1.1081	.46916	1.0338	.49647
SDev	.0353	.00296	.00014	.0036	.00089	.0011	.00016
%RSD	.35605	.30326	.01431	.32580	.18965	.10623	.03319
#1	9.9283	.97261	.99230	1.1107	.46978	1.0346	.49658
#2	9.8784	.97679	.99250	1.1055	.46853	1.0330	.49635

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.163	.94916	.94354	.97267	9.7497	1.0896	.97241
SDev	.115	.00245	.00276	.00262	.0109	.0045	.00145
%RSD	.14360	.25802	.29259	.26955	.11179	.41110	.14870
#1	80.244	.95089	.94549	.97452	9.7574	1.0927	.97344
#2	80.081	.94743	.94159	.97082	9.7420	1.0864	.97139

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98711	10.857	1.0729	.98375	.98482	12.614	2.5281
SDev	.00325	.016	.0019	.00028	.00314	.054	.0052
%RSD	.32961	.14309	.17933	.02826	.31881	.43144	.20669
#1	.98481	10.868	1.0743	.98395	.98704	12.652	2.5318
#2	.98941	10.846	1.0715	.98355	.98260	12.575	2.5244

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48814	185.27	143.09	.62128	1.0215	.95732	.96926
SDev	.00079	.54	.40	.00178	.0043	.00397	.00207
%RSD	.16159	.29350	.27826	.28653	.41800	.41499	.21366
#1	.48870	185.66	143.37	.62254	1.0184	.96013	.97073
#2	.48759	184.89	142.80	.62003	1.0245	.95451	.96780

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96150	1.0263	.93935	.98894	.96569	.99782
SDev	.00216	.0019	.00164	.00135	.00051	.00462
%RSD	.22502	.18155	.17515	.13614	.05312	.46340
#1	.96302	1.0276	.94051	.98990	.96533	.99455
#2	.95997	1.0250	.93819	.98799	.96605	1.0011

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24803	--	--	--	--	--	--

SDev	45.25483	--	--	--	--	--	--
%RSD	.1824571	--	--	--	--	--	--
#1	24835	--	--	--	--	--	--
#2	24771	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48422-a-2-c@5 Operator: SRP
Run Time: 01/10/12 16:59:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03742	.00369	.00253	.02379	-.00077	.00824	.00000
SDev	.00068	.00208	.00184	.00006	.00000	.00066	.00014
%RSD	1.8144	56.237	72.698	.22953	.26892	7.9599	2801.2
#1	.03790	.00516	.00123	.02375	-.00077	.00870	-.00009
#2	.03694	.00223	.00384	.02382	-.00077	.00777	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.175	.00007	.00019	-.00138	-.00232	.00021	.00013
SDev	.050	.00012	.00008	.00007	.01269	.00001	.00022
%RSD	.31159	186.09	43.474	5.4076	547.47	2.9427	164.07
#1	16.210	.00015	.00025	-.00132	.00666	.00021	.00028
#2	16.139	-.00002	.00013	-.00143	-.01130	.00020	-.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	.31821	.02663	.00214	.00090	-.00046	.32838
SDev	.00106	.00221	.00006	.00118	.00026	.01504	.00277
%RSD	45.788	.69500	.24380	55.233	29.241	3281.8	.84203
#1	.00306	.31977	.02668	.00298	.00109	.01018	.33034
#2	.00156	.31664	.02659	.00131	.00071	-.01109	.32643

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	33.589	30.137	.02658	-.00121	.00000	.00011
SDev	.00018	.009	.042	.00002	.00282	.00017	.00005
%RSD	52.894	.02595	.13824	.06863	233.34	5582.6	46.833
#1	-.00046	33.595	30.108	.02657	.00078	.00013	.00014
#2	-.00021	33.583	30.167	.02659	-.00320	-.00012	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00541	.00229	-.00095	.00978	-.00142
SDev	.00010	.00004	.00094	.00015	.00060	.00189
%RSD	48.037	.69433	41.109	15.501	6.1740	132.66
#1	.00028	.00538	.00296	-.00105	.00935	-.00009
#2	.00014	.00544	.00162	-.00084	.01020	-.00276

Analysis Report 01/10/12 05:03:08 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24970	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2435370	--	--	--	--	--	--
#1	24927	--	--	--	--	--	--
#2	25013	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 17:03:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4706	.49296	.48984	.50236	.47406	.49346	.50420
SDev	.0084	.00166	.00147	.00029	.00123	.00133	.00083
%RSD	.34070	.33587	.29968	.05838	.25939	.27021	.16502
#1	2.4646	.49413	.48880	.50257	.47493	.49440	.50478
#2	2.4765	.49179	.49087	.50216	.47319	.49251	.50361

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.308	.47668	.47731	.47627	2.5284	.46731	.48744
SDev	.032	.00120	.00113	.00071	.0100	.00016	.00036
%RSD	.25881	.25068	.23643	.14981	.39620	.03540	.07417
#1	12.331	.47752	.47810	.47677	2.5355	.46742	.48769
#2	12.286	.47583	.47651	.47576	2.5213	.46719	.48718

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48893	4.8362	.47857	.49370	.49836	11.841	.90425
SDev	.00135	.0148	.00075	.00055	.00117	.017	.00029
%RSD	.27615	.30669	.15562	.11162	.23480	.14696	.03244
#1	.48798	4.8467	.47910	.49331	.49918	11.853	.90446
#2	.48989	4.8257	.47805	.49409	.49753	11.829	.90404

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24086	12.265	11.823	.25389	.51287	.49270	.49271
SDev	.00013	.036	.005	.00015	.00359	.00183	.00078
%RSD	.05236	.29674	.04626	.06026	.69958	.37080	.15876
#1	.24077	12.290	11.819	.25400	.51033	.49399	.49327
#2	.24095	12.239	11.827	.25378	.51540	.49141	.49216

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48420	.50733	.46923	.49654	.48075	.49308
SDev	.00093	.00081	.00170	.00031	.00399	.00003
%RSD	.19153	.15885	.36214	.06190	.82917	.00649

#1	.48485	.50676	.47043	.49632	.47793	.49306
#2	.48354	.50790	.46803	.49675	.48357	.49311

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25486	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0998817	--	--	--	--	--	--
#1	25504	--	--	--	--	--	--
#2	25468	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 17:07:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06097	.00335	-.00050	.00033	-.00051	.00150	.00010
SDev	.00840	.00152	.00032	.00007	.00001	.00022	.00013
%RSD	13.779	45.226	63.625	20.330	2.7026	14.614	130.53
#1	.05503	.00228	-.00072	.00029	-.00050	.00135	.00001
#2	.06692	.00442	-.00027	.00038	-.00052	.00166	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02733	.00020	-.00052	-.00177	-.00568	-.00009	.00057
SDev	.00313	.00018	.00083	.00039	.02334	.00020	.00020
%RSD	11.470	90.002	160.33	21.892	411.25	211.89	35.485
#1	.02511	.00007	-.00111	-.00205	-.02218	-.00023	.00042
#2	.02954	.00033	.00007	-.00150	.01083	.00005	.00071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.01113	.00039	.00152	.00019	-.11024	-.01471
SDev	.00308	.01532	.00012	.00071	.00009	.08619	.00178
%RSD	213.45	137.68	31.095	46.470	49.220	78.183	12.115
#1	-.00073	.00029	.00030	.00202	.00012	-.17118	-.01597
#2	.00362	.02196	.00047	.00102	.00026	-.04929	-.01345

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	-.06922	.00373	.00016	.00126	-.00004	.00034
SDev	.00059	.16243	.00658	.00007	.00306	.00015	.00005
%RSD	100.95	234.68	176.41	43.977	242.61	344.80	13.543
#1	-.00100	-.18407	-.00092	.00011	.00343	.00006	.00031
#2	-.00017	.04564	.00838	.00021	-.00090	-.00015	.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00034	.00030	.00070	.00379	.00027
SDev	.00027	.00001	.00138	.00039	.00980	.00028
%RSD	59.205	1.8686	454.89	55.914	258.69	104.04
#1	.00027	.00034	-.00067	.00097	-.00314	.00047
#2	.00065	.00033	.00128	.00042	.01072	.00007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25388	--	--	--	--	--	--
SDev	665.3874	--	--	--	--	--	--
%RSD	2.620926	--	--	--	--	--	--
#1	25858	--	--	--	--	--	--
#2	24917	--	--	--	--	--	--

Analysis Report Blank Sample 01/10/12 05:16:35 PM page 1

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/10/12 17:12:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12650	.01025	.01074	.01049	.00402	.01090	.00523
SDev	.00291	.00020	.00090	.00002	.00002	.00067	.00003
%RSD	2.3008	1.9317	8.3861	.21277	.49734	6.1468	.60403
#1	.12856	.01039	.01011	.01047	.00401	.01138	.00521
#2	.12445	.01011	.01138	.01050	.00404	.01043	.00525

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09414	.00963	.00926	.00750	.10088	.00858	.00962
SDev	.00160	.00038	.00028	.00028	.00954	.00009	.00047
%RSD	1.7016	3.8944	3.0662	3.7225	9.4526	1.0751	4.8772
#1	.09301	.00989	.00906	.00770	.09414	.00852	.00995
#2	.09528	.00936	.00946	.00730	.10763	.00865	.00928

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00963	.08605	.01007	.01018	.01079	.48150	-.00573
SDev	.00187	.00346	.00002	.00069	.00067	.02707	.00154
%RSD	19.409	4.0215	.18179	6.7779	6.2114	5.6225	26.839
#1	.01095	.08361	.01008	.01067	.01032	.46236	-.00464
#2	.00831	.08850	.01006	.00969	.01126	.50064	-.00682

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00431	.55968	.53900	.00514	.01064	.00912	.01009
SDev	.00013	.10004	.00473	.00001	.00075	.00045	.00016
%RSD	2.9354	17.875	.87805	.20083	7.0033	4.9506	1.5946
#1	.00422	.48894	.53566	.00514	.01117	.00880	.01020

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 #2      .00440    .63042    .54235    .00513    .01011    .00944    .00997

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00972    .01059    .01027    .00929    .01214    .00837
 SDev    .00054    .00001    .00111    .00126    .00302    .00129
 %RSD    5.5805    .04272    10.763    13.519    24.904    15.424

 #1      .01010    .01059    .00949    .01018    .01428    .00929
 #2      .00933    .01058    .01105    .00840    .01000    .00746


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    25284     --        --        --        --        --        --
 SDev    228.3955  --        --        --        --        --        --
 %RSD    .9033024  --        --        --        --        --        --

Analysis Report      Blank Sample         01/10/12 05:16:35 PM         page 2


 #1      25446     --        --        --        --        --        --
 #2      25123     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: ICSA-metisa_00067      Operator: SRP
Run Time: 01/10/12 17:16:39
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    472.60    -.00197   -.00129   .00168    -.00110   -.00162   .00175
 SDev       .20     .00067    .00266   .00002     .00002    .00038   .00007
 %RSD    .04193    33.965    205.92    1.3122    1.5978    23.706    3.8173

 #1      472.46    -.00245   -.00318   .00167    -.00109   -.00189   .00180
 #2      472.74    -.00150   .00059    .00170    -.00111   -.00135   .00170

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    435.89    .00125    -.00064   .01047    185.97    .00433    .00934
 SDev       .36    .00027     .00064   .00035       .11    .00000    .00053
 %RSD    .08288    21.534    100.35    3.3423    .06108    .00356    5.6288

 #1      435.63    .00106    -.00019   .01023    185.89    .00433    .00897
 #2      436.14    .00144    -.00109   .01072    186.05    .00433    .00971

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.01462   479.33    -.00691   -.00014   .00039    .04340    -.00381
 SDev     .00174      .71     .00008    .00102   .00095    .00477     .00056
 %RSD    11.921    .14809    1.1353    743.32    240.74    10.988    14.633

 #1      -.01586   478.82    -.00696   .00059    .00106    .04003    -.00421
 #2      -.01339   479.83    -.00685   -.00086   -.00028   .04677    -.00342

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00092   -.03521   .15869    -.00856   .00702    -.00186   -.00229
 SDev     .00029    .06465   .00202     .00001   .00277     .00373    .00010
```

%RSD	31.264	183.64	1.2762	.09021	39.499	200.18	4.5083
#1	-.00072	.01051	.15725	-.00857	.00898	.00077	-.00236
#2	-.00112	-.08092	.16012	-.00855	.00506	-.00450	-.00221

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00416	.00061	-.07993	.05398	.00391	-.02389
SDev	.00019	.00005	.00168	.00163	.00493	.00015
%RSD	4.5374	8.6220	2.0964	3.0134	126.04	.62475
#1	.00402	.00065	-.07875	.05283	.00043	-.02400
#2	.00429	.00058	-.08112	.05513	.00740	-.02379

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22944	--	--	--	--	--	--
SDev	13.43503	--	--	--	--	--	--
%RSD	.0585545	--	--	--	--	--	--
#1	22954	--	--	--	--	--	--
#2	22935	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/10/12 17:20:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	483.62	1.0159	.97861	1.0330	.44384	1.0152	.47024
SDev	.15	.0016	.00157	.0001	.00125	.0054	.00181
%RSD	.03115	.15279	.16039	.01141	.28052	.53035	.38409
#1	483.51	1.0148	.97750	1.0331	.44296	1.0114	.46897
#2	483.73	1.0170	.97971	1.0329	.44472	1.0190	.47152

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	442.39	.89945	.87256	1.0231	194.84	1.2393	.93065
SDev	1.27	.00298	.00203	.0006	.55	.0010	.00069
%RSD	.28734	.33083	.23228	.05906	.28286	.07946	.07440
#1	441.49	.89735	.87113	1.0227	194.45	1.2400	.93016
#2	443.29	.90156	.87399	1.0236	195.23	1.2386	.93114

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93893	488.80	.90813	.94458	.91296	13.871	.91254
SDev	.00565	1.17	.00201	.00226	.00026	.028	.00370
%RSD	.60155	.24032	.22125	.23961	.02823	.20208	.40500
#1	.93493	487.97	.90671	.94298	.91277	13.890	.90993
#2	.94292	489.63	.90955	.94618	.91314	13.851	.91516

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51195	11.983	13.637	.50452	.97988	.93317	.95348
SDev	.00006	.108	.003	.00014	.00361	.00275	.00107
%RSD	.01199	.89976	.02239	.02854	.36846	.29480	.11266
#1	.51190	12.060	13.639	.50462	.97733	.93122	.95272
#2	.51199	11.907	13.634	.50441	.98244	.93511	.95424

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92925	.98651	.80161	.99517	.92913	.94382
SDev	.00019	.00306	.00587	.00190	.00698	.01196
%RSD	.02090	.31006	.73230	.19056	.75065	1.2671
#1	.92939	.98435	.79746	.99651	.93406	.93537

#2	.92911	.98868	.80576	.99383	.92420	.95228

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22684	--	--	--	--	--	--
SDev	61.51829	--	--	--	--	--	--
%RSD	.2712028	--	--	--	--	--	--
#1	22640	--	--	--	--	--	--
#2	22727	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/10/12 17:24:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4806	.49460	.48603	.50055	.46795	.49298	.50252
SDev	.0342	.00362	.00521	.00043	.00148	.00204	.00047
%RSD	1.3778	.73238	1.0714	.08645	.31673	.41443	.09379
#1	2.4564	.49716	.48971	.50086	.46899	.49442	.50285
#2	2.5047	.49203	.48235	.50024	.46690	.49153	.50218

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.241	.47264	.47294	.47020	2.5122	.46481	.48465
SDev	.015	.00081	.00117	.00087	.0200	.00008	.00078
%RSD	.12037	.17099	.24712	.18478	.79706	.01721	.16169
#1	12.231	.47321	.47376	.47081	2.4981	.46475	.48520
#2	12.252	.47206	.47211	.46959	2.5264	.46487	.48409

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48452	4.8451	.47571	.49300	.49851	11.775	.89775
SDev	.00123	.0309	.00109	.00049	.00006	.008	.00171
%RSD	.25377	.63807	.22899	.09918	.01167	.06468	.19017
#1	.48365	4.8232	.47648	.49265	.49847	11.770	.89896
#2	.48539	4.8670	.47494	.49335	.49855	11.781	.89655

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23957	12.172	11.708	.25308	.51477	.48954	.48961
SDev	.00004	.025	.015	.00016	.00615	.00389	.00091
%RSD	.01684	.20765	.12725	.06188	1.1939	.79408	.18541
#1	.23960	12.154	11.697	.25319	.51912	.49229	.49025
#2	.23954	12.190	11.718	.25297	.51043	.48679	.48897

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47974	.50571	.46573	.49411	.47052	.49157

SDev	.00047	.00036	.00139	.00048	.00362	.00003
%RSD	.09812	.07178	.29775	.09757	.76964	.00684
#1	.48007	.50597	.46671	.49445	.46796	.49155
#2	.47941	.50546	.46475	.49377	.47308	.49160

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24888	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1761516	--	--	--	--	--	--
#1	24857	--	--	--	--	--	--
#2	24919	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/10/12 17:28:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10236	.00431	.00231	.00057	-.00044	.00153	.00047
SDev	.00432	.00198	.00003	.00007	.00002	.00123	.00013
%RSD	4.2246	45.910	1.5170	11.734	4.9542	80.300	26.665
#1	.10541	.00571	.00228	.00062	-.00042	.00240	.00056
#2	.09930	.00291	.00233	.00052	-.00045	.00066	.00038

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06582	.00059	.00010	-.00176	.01730	.00020	.00075
SDev	.00186	.00076	.00030	.00039	.00195	.00004	.00041
%RSD	2.8328	130.23	281.43	22.202	11.246	22.137	54.874
#1	.06714	.00113	-.00010	-.00148	.01593	.00023	.00046
#2	.06450	.00005	.00031	-.00203	.01868	.00017	.00104

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00183	.05939	.00058	.00173	.00059	-.04186	-.01350
SDev	.00090	.00653	.00006	.00002	.00011	.02580	.00169
%RSD	49.154	10.994	9.8831	1.2063	18.450	61.630	12.498

#1	.00247	.06400	.00062	.00172	.00067	-.02362	-.01230
#2	.00120	.05477	.00054	.00175	.00052	-.06010	-.01469

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	-.08421	.01185	.00028	-.00069	.00028	.00055
SDev	.00009	.09630	.00110	.00002	.00109	.00023	.00020
%RSD	37.886	114.36	9.2799	8.3640	157.56	81.195	36.956

#1	-.00017	-.15230	.01263	.00030	-.00146	.00012	.00070
#2	-.00029	-.01612	.01107	.00027	.00008	.00045	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00066	.00040	.00092	.00454	.00048
SDev	.00054	.00002	.00276	.00200	.00271	.00000
%RSD	59.783	2.2522	699.59	216.57	59.773	.65547

#1	.00129	.00065	.00235	-.00049	.00645	.00048
#2	.00052	.00067	-.00156	.00233	.00262	.00049

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25142	--	--	--	--	--	--
SDev	104.6518	--	--	--	--	--	--
%RSD	.4162430	--	--	--	--	--	--

#1	25068	--	--	--	--	--	--
#2	25216	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Batch Number: 69585 Batch Start Date: 01/06/12 16:05 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00034	METHNO3 00024	METSLCSS 00016
MB 600-69585/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-69585/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-48380-B-1	2012-RMSA-2 (0.5-2.5')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48380-C-2	2012-RMSA-3(1-3')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Batch Number: 69725 Batch Start Date: 01/10/12 08:35 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00034	METHNO3 00024	METSPIKEA 00010
MB 600-69725/1		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	
LCS 600-69725/2		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48380-G-3	2012-RMSA-2 (Recon GW)	3010A, 6010B	T	>2	10 mL	50 mL	2.5 mL	2.5 mL	
600-48380-B-5	Equipment Blank 2	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48380-B-5 DU	Equipment Blank 2	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48380-B-5 MS	Equipment Blank 2	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48380-B-5 MSD	Equipment Blank 2	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
MB 600-69725/1		3010A, 6010B							
LCS 600-69725/2		3010A, 6010B		250 uL					
600-48380-G-3	2012-RMSA-2 (Recon GW)	3010A, 6010B	T						
600-48380-B-5	Equipment Blank 2	3010A, 6010B	T						
600-48380-B-5 DU	Equipment Blank 2	3010A, 6010B	T						
600-48380-B-5 MS	Equipment Blank 2	3010A, 6010B	T	250 uL					
600-48380-B-5 MSD	Equipment Blank 2	3010A, 6010B	T	250 uL					

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 04
Temperature	95
ID number of the thermometer	518

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-RMSA-2 (0.5-2.5')	600-48380-1
2012-RMSA-2 (0.5-2.5')	600-48380-1 DL
2012-RMSA-3(1-3')	600-48380-2
2012-RMSA-3(1-3')	600-48380-2 DL
Equipment Blank 2	600-48380-5

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - SOLUBLE

Client Sample ID: 2012-RMSA-2 (0.5-2.5')DL
Lab Sample ID: 600-48380-1
Lab Name: TestAmerica Houston
Job No.: 600-48380-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/05/2012 10:00
Reporting Basis: DRY
Date Received: 01/06/2012 10:14
% Solids: 70.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	6700	70.6	28.2	mg/Kg			10	9056

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - SOLUBLE

Client Sample ID: 2012-RMSA-3(1-3')DL
Lab Sample ID: 600-48380-2
Lab Name: TestAmerica Houston
Job No.: 600-48380-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/05/2012 10:38
Reporting Basis: DRY
Date Received: 01/06/2012 10:14
% Solids: 79.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1820	63.2	25.3	mg/Kg			10	9056

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Equipment Blank 2 Lab Sample ID: 600-48380-5

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG ID.:

Matrix: Water Date Sampled: 01/05/2012 14:12

Reporting Basis: WET Date Received: 01/06/2012 10:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1.11	0.500	0.200	mg/L			1	300.0

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Analyst: SUP Batch Start Date: 01/12/2012

Reporting Units: mg/L Analytical Batch No.: 69984

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	ICV	11:20	Sulfate	21.04	20.0	105	90-110		ICV/LCS_00009
3	ICB	11:38	Sulfate	0.175				U	
14	CCV	14:55	Sulfate	20.40	20.0	102	90-110		CCV_00005
15	CCB	15:13	Sulfate	0.175				U	
26	CCV	18:30	Sulfate	20.67	20.0	103	90-110		CCV_00005
27	CCB	18:48	Sulfate	0.175				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Analyst: SUP Batch Start Date: 01/11/2012

Reporting Units: mg/L Analytical Batch No.: 69903

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	ICV	13:06	Sulfate	20.57	20.0	103	90-110		ICV/LCS_00002
3	ICB	13:26	Sulfate	0.175				U	
14	CCV	17:06	Sulfate	21.44	20.0	107	90-110		CCV_00001
15	CCB	17:26	Sulfate	0.175				U	
26	CCV	21:06	Sulfate	21.18	20.0	106	90-110		CCV_00001
27	CCB	21:26	Sulfate	0.175				U	
37	CCV	00:46	Sulfate	21.73	20.0	109	90-110		CCV_00001
38	CCB	01:06	Sulfate	0.175				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 69984	Date: 01/12/2012 11:56						
300.0	MB 600-69984/4	Sulfate	0.200	U	mg/L	0.500	1
Batch ID: 69903	Date: 01/11/2012 14:26						
9056	MB 600-69833/1-A	Sulfate	0.200	U	mg/Kg	0.500	1

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 69903	Date: 01/11/2012 14:46										
						LCS Source: ICV/LCS_00002					
9056	LCS 600-69833/2-A	Sulfate	20.93		mg/Kg	20.0	105	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 69984	Date: 01/12/2012 12:13										
						LCS Source: ICV/LCS_00009					
300.0	LCS 600-69984/5	Sulfate	20.78		mg/L	20.0	104	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG Number:

Matrix: Water Instrument ID: WC16

Method: 300.0 MDL Date: 11/09/2005 15:02

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfate		0.5	0.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG Number:

Matrix: Water Instrument ID: WC16

Method: 300.0 XMDL Date: 01/13/2006 16:07

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfate		0.5	0.1749

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - SOLUBLE

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG Number:

Matrix: Solid Instrument ID: WC11

Method: 9056 MDL Date: 11/09/2005 15:03

Leach Method: DI Leach

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfate		5	2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - SOLUBLE

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG Number:

Matrix: Solid Instrument ID: WC11

Method: 9056 XMDL Date: 01/13/2006 16:04

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfate		0.5	0.1749

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48380-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: WC16 Method: 300.0

Start Date: 01/12/2012 11:02 End Date: 01/12/2012 20:35

Lab Sample ID	D / F	Type	Time	Analytes																				
				SO4																				
RINSE 600-69984/1			11:02																					
ICV 600-69984/2	1		11:20	X																				
ICB 600-69984/3	1		11:38	X																				
MB 600-69984/4	1	T	11:56	X																				
LCS 600-69984/5	1	T	12:13	X																				
ZZZZZZ			12:31																					
ZZZZZZ			12:49																					
ZZZZZZ			13:07																					
ZZZZZZ			13:25																					
ZZZZZZ			13:43																					
ZZZZZZ			14:01																					
ZZZZZZ			14:19																					
ZZZZZZ			14:37																					
CCV 600-69984/14	1		14:55	X																				
CCB 600-69984/15	1		15:13	X																				
ZZZZZZ			15:31																					
ZZZZZZ			15:49																					
ZZZZZZ			16:06																					
ZZZZZZ			16:24																					
ZZZZZZ			16:42																					
ZZZZZZ			17:00																					
600-48380-5	1	T	17:18	X																				
ZZZZZZ			17:36																					
ZZZZZZ			17:54																					
ZZZZZZ			18:12																					
CCV 600-69984/26	1		18:30	X																				
CCB 600-69984/27	1		18:48	X																				
ZZZZZZ			19:06																					
ZZZZZZ			19:24																					
ZZZZZZ			19:41																					
CCV 600-69984/31			19:59																					
CCB 600-69984/32			20:17																					
ZZZZZZ			20:35																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: WC11 Method: 9056

Start Date: 01/11/2012 12:12 End Date: 01/12/2012 01:06

Lab Sample ID	D / F	Type	Time	Analytes																				
				SO4																				
RINSE 600-69903/1			12:12																					
ICV 600-69903/2	1		13:06	X																				
ICB 600-69903/3	1		13:26	X																				
ZZZZZZ			13:46																					
ZZZZZZ			14:06																					
MB 600-69833/1-A	1	S	14:26	X																				
LCS 600-69833/2-A	1	S	14:46	X																				
ZZZZZZ			15:06																					
ZZZZZZ			15:26																					
ZZZZZZ			15:46																					
ZZZZZZ			16:06																					
ZZZZZZ			16:26																					
ZZZZZZ			16:46																					
CCV 600-69903/14	1		17:06	X																				
CCB 600-69903/15	1		17:26	X																				
ZZZZZZ			17:46																					
ZZZZZZ			18:06																					
ZZZZZZ			18:26																					
ZZZZZZ			18:46																					
ZZZZZZ			19:06																					
ZZZZZZ			19:26																					
ZZZZZZ			19:46																					
ZZZZZZ			20:06																					
ZZZZZZ			20:26																					
ZZZZZZ			20:46																					
CCV 600-69903/26	1		21:06	X																				
CCB 600-69903/27	1		21:26	X																				
ZZZZZZ			21:46																					
ZZZZZZ			22:06																					
ZZZZZZ			22:26																					
ZZZZZZ			22:46																					
ZZZZZZ			23:06																					
600-48380-1 DL	10	S	23:26	X																				
ZZZZZZ			23:46																					
600-48380-2 DL	10	S	00:06	X																				
ZZZZZZ			00:26																					
CCV 600-69903/37	1		00:46	X																				
CCB 600-69903/38	1		01:06	X																				

Prep Types
S = Soluble

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/09/2012 16:05 End Date: 01/09/2012 16:05

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
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ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
600-48380-1	1	T	16:05	X	X																			
600-48380-2	1	T	16:05	X	X																			

Prep Types

T = Total/NA

Batch 69984 → 300.28D ✓
69985 → 300.48HR ✓

Sequence: 011212
Operator: Houston_wetchem_inst
Printed: 1/12/2012 3:32:17 PM

Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100
#Samples: 41

MS → L723649) 0.25 ml → 5 ml 40X

Created: 1/12/2012 10:45:05 AM by Houston_wetchem_inst
Last Update: 1/12/2012 3:32:06 PM by Houston_wetchem_inst

1/13/12

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status
1	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished
2	CAL1 651187	Standard	2	10.0	AnionsC	CAL010612	Finished
3	CAL2 651188	Standard	3	10.0	AnionsC	CAL010612	Finished
4	CAL3 651189	Standard	4	10.0	AnionsC	CAL010612	Finished
5	CAL4 651190	Standard	5	10.0	AnionsC	CAL010612	Finished
6	CAL5 651196	Standard	6	10.0	AnionsC	CAL010612	Finished
7	CAL6 651192	Standard	7	10.0	AnionsC	CAL010612	Finished
8	CAL7 673800	Standard	8	10.0	AnionsC	CAL010612	Finished
9	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished
10	ICV 759991	Unknown	2	10.0	AnionsC	CAL010612	Finished
11	ICB	Unknown	3	10.0	AnionsC	CAL010612	Finished
12	MB	Unknown	4	10.0	AnionsC	CAL010612	Finished
13	LCS 759991	Unknown	5	10.0	AnionsC	CAL010612	Finished
14	600-48677-A-1	Unknown	6	10.0	AnionsC	CAL010612	Finished
15	600-48677-A-1	Unknown	7	10.0	AnionsC	CAL010612	Finished
16	600-48659-c-1	Unknown	8	10.0	AnionsC	CAL010612	Finished
17	600-48698-A-1	Unknown	9	10.0	AnionsC	CAL010612	Finished
18	600-48387-A-28	Unknown	10	10.0	AnionsC	CAL010612	Finished
19	DU 600-48387-a-28	Unknown	11	10.0	AnionsC	CAL010612	Finished
20	MS 600-48387-a-28	Unknown	12	10.0	AnionsC	CAL010612	Finished
21	600-48387-a-29	Unknown	13	10.0	AnionsC	CAL010612	Finished
22	CCV 712406	Unknown	14	10.0	AnionsC	CAL010612	Finished
23	CCB	Unknown	15	10.0	AnionsC	CAL010612	Finished
[redacted]	600-48387-a-30	Unknown	16	10.0	AnionsC	CAL010612	Running
25	600-48387-a-31	Unknown	17	10.0	AnionsC	CAL010612	Single
26	600-48387-a-32	Unknown	18	10.0	AnionsC	CAL010612	Single
27	600-48387-a-33	Unknown	19	10.0	AnionsC	CAL010612	Single
28	DU 600-48387-a-33	Unknown	20	10.0	AnionsC	CAL010612	Single
29	MS 600-48387-a-33	Unknown	21	10.0	AnionsC	CAL010612	Single
30	600-48380-a-5	Unknown	22	10.0	AnionsC	CAL010612	Single
31	600-48440-b-8	Unknown	23	10.0	AnionsC	CAL010612	Single
32	600-48401-a-1	Unknown	24	10.0	AnionsC	CAL010612	Single
33	600-48401-a-3	Unknown	25	10.0	AnionsC	CAL010612	Single
34	CCV 712406	Unknown	26	10.0	AnionsC	CAL010612	Single
35	CCB	Unknown	27	10.0	AnionsC	CAL010612	Single
36	600-48493-a-1	Unknown	28	10.0	AnionsC	CAL010612	Single
37	600-48493-a-3	Unknown	29	10.0	AnionsC	CAL010612	Single
38	600-48493-a-6	Unknown	30	10.0	AnionsC	CAL010612	Single
39	CCV 712406	Unknown	31	10.0	AnionsC	CAL010612	Single
40	CCB	Unknown	32	10.0	AnionsC	CAL010612	Single
41	sd	Unknown	33	10.0	Shutdown	CAL010612	Single

Chromeleon © Dionex Corporation, Version 6.80 SR7 Build 2528 (148369)

Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100 Created: 1/12/2012 10:45:05 AM by Houston_wetchem_inst
#Samples: 41 Last Update: 1/12/2012 3:32:06 PM by Houston_wetchem_inst

No.	Name	Inj. Date/Time	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
1	RINSE		1.0000	1.0000	1.0000		01	
2	CAL1 651187		1.0000	1.0000	1.0000		01	
3	CAL2 651188		1.0000	1.0000	1.0000		01	
4	CAL3 651189		1.0000	1.0000	1.0000		01	
5	CAL4 651190		1.0000	1.0000	1.0000		01	
6	CAL5 651196		1.0000	1.0000	1.0000		01	
7	CAL6 651192		1.0000	1.0000	1.0000		01	
8	CAL7 673800		1.0000	1.0000	1.0000		01	
9	RINSE	1/12/2012 11:02:41 AM	1.0000	1.0000	1.0000		01	
10	ICV 759991	1/12/2012 11:20:14 AM	1.0000	1.0000	1.0000		01	
11	ICB	1/12/2012 11:38:09 AM	1.0000	1.0000	1.0000		01	
12	MB	1/12/2012 11:56:04 AM	1.0000	1.0000	1.0000		01	
13	LCS 759991	1/12/2012 12:13:59 PM	1.0000	1.0000	1.0000		01	
14	600-48677-A-1	1/12/2012 12:31:54 PM	1.0000	1.0000	1.0000		01	
15	600-48677-A-1	1/12/2012 12:49:49 PM	5.0000	5.0000	1.0000		01	
16	600-48659-c-1	1/12/2012 1:07:45 PM	1.0000	1.0000	1.0000		01	
17	600-48698-A-1	1/12/2012 1:25:40 PM	1.0000	1.0000	1.0000		01	
18	600-48387-A-28	1/12/2012 1:43:35 PM	100.0000	100.0000	1.0000		01	
19	DU 600-48387-a-28	1/12/2012 2:01:30 PM	100.0000	100.0000	1.0000		01	
20	MS 600-48387-a-28	1/12/2012 2:19:26 PM	100.0000	100.0000	1.0000		01	
21	600-48387-a-29	1/12/2012 2:37:20 PM	100.0000	100.0000	1.0000		01	
22	CCV 712406	1/12/2012 2:55:15 PM	1.0000	1.0000	1.0000		01	
23	CCB	1/12/2012 3:13:11 PM	1.0000	1.0000	1.0000		01	
[redacted]	600-48387-a-30	1/12/2012 3:31:05 PM	100.0000	100.0000	1.0000		01	
25	600-48387-a-31		100.0000	100.0000	1.0000		01	
26	600-48387-a-32		100.0000	100.0000	1.0000		01	
27	600-48387-a-33		100.0000	100.0000	1.0000		01	
28	DU 600-48387-a-33		100.0000	100.0000	1.0000		01	
29	MS 600-48387-a-33		100.0000	100.0000	1.0000		01	
30	600-48380-a-5		1.0000	1.0000	1.0000		01	
31	600-48440-b-8		1.0000	1.0000	1.0000		01	
32	600-48401-a-1		1.0000	1.0000	1.0000		01	
33	600-48401-a-3		1.0000	1.0000	1.0000		01	
34	CCV 712406		1.0000	1.0000	1.0000		01	
35	CCB		1.0000	1.0000	1.0000		01	
36	600-48493-a-1		1.0000	1.0000	1.0000		01	
37	600-48493-a-3		1.0000	1.0000	1.0000		01	
38	600-48493-a-6		1.0000	1.0000	1.0000		01	
39	CCV 712406		1.0000	1.0000	1.0000		01	
40	CCB		1.0000	1.0000	1.0000		01	
41	sd		1.0000	1.0000	1.0000		01	

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1 RINSE

Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**n.a.**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #1 RINSE ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\1.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

2 CAL1 651187

Sample Name:	**CAL1 651187**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #2 CAL1 651187 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\2.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

3 CAL2 651188

Sample Name:	**CAL2 651188**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #3 CAL2 651188 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\3.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

4 CAL3 651189

Sample Name:	**CAL3 651189**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #4 CAL3 651189 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\4.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

5 CAL4 651190

Sample Name:	**CAL4 651190**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #5 CAL4 651190 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\5.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

6 CAL5 651196

Sample Name:	**CAL5 651196**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #6 CAL5 651196 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\6.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

7 CAL6 651192

Sample Name:	**CAL6 651192**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #7 CAL6 651192 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\7.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #8 CAL7 673800 ECD_1

Can't open raw data file "C:\Chrome\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

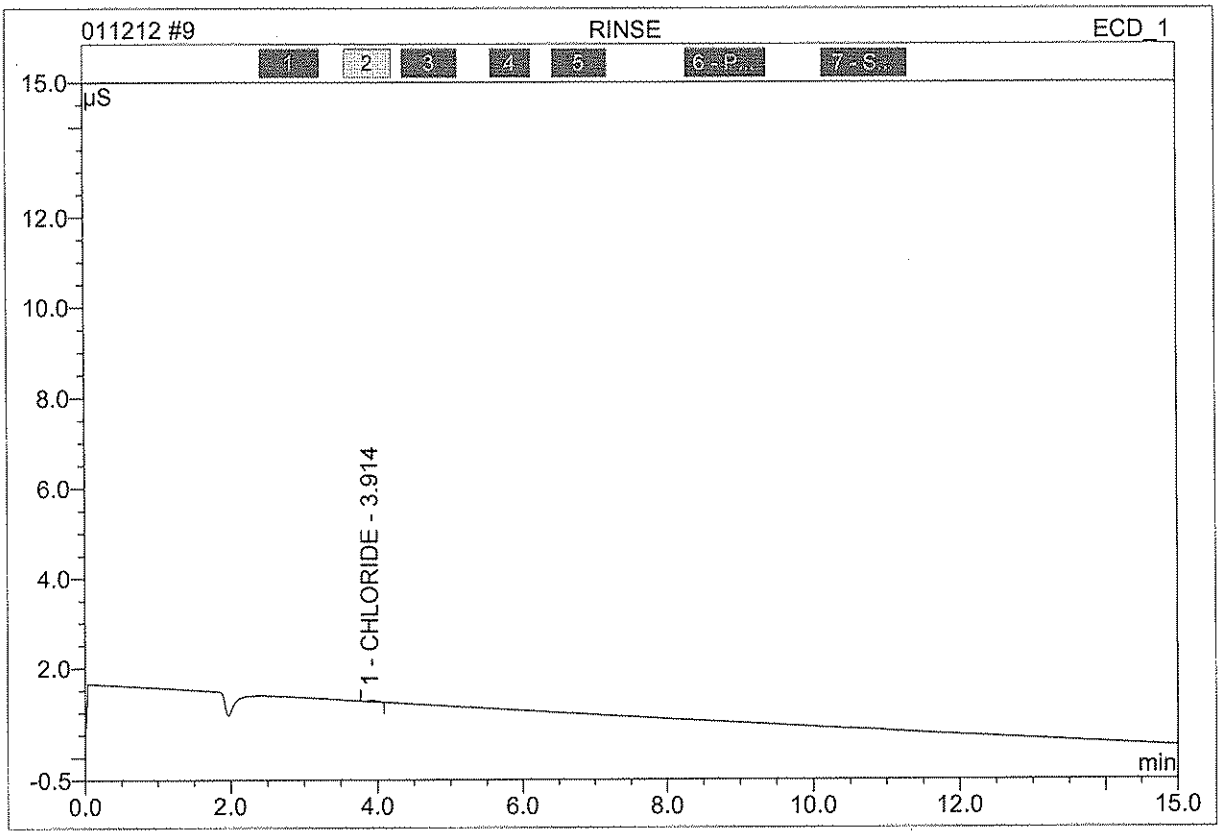
Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
Average:					n.a.	n.a.	n.a.	n.a.

9 RINSE

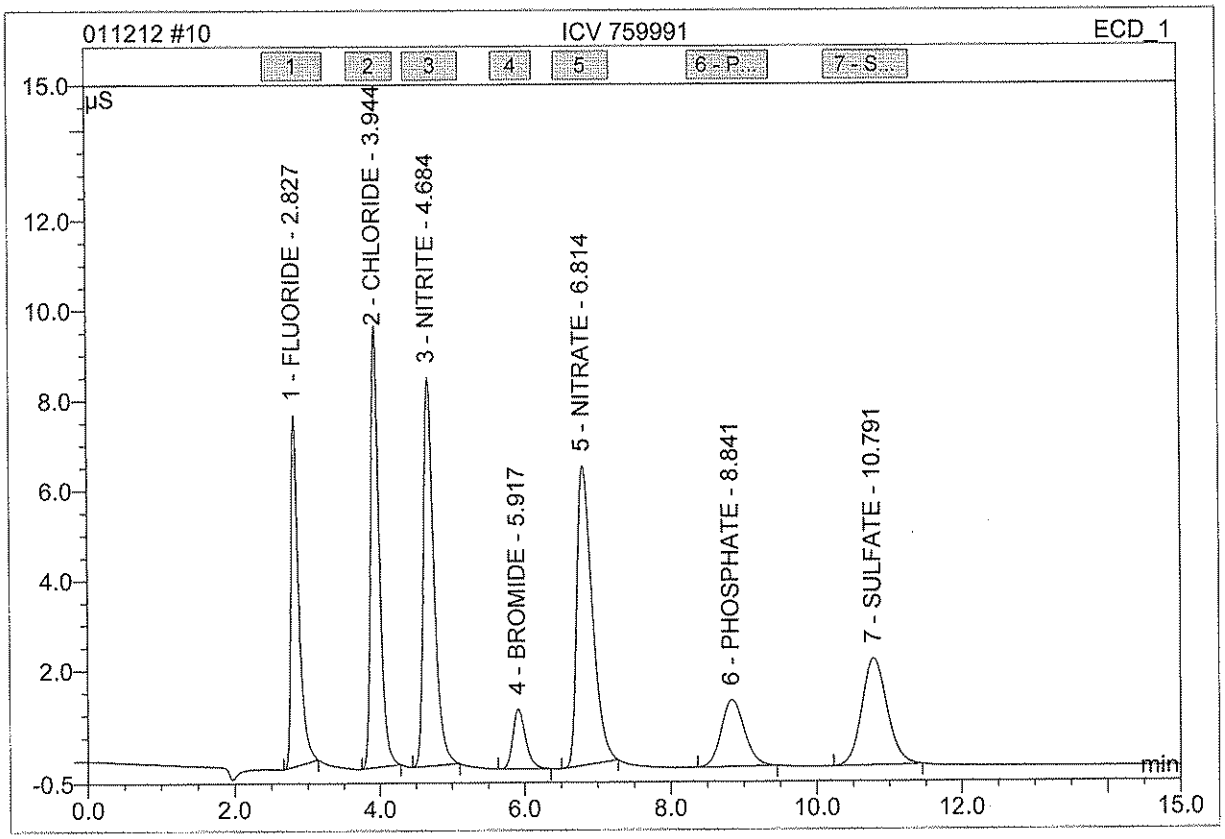
Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 11:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.91	CHLORIDE	0.032	0.005	100.00	0.769	BMB
Total:			0.032	0.005	100.00	0.769	

10 ICV 759991

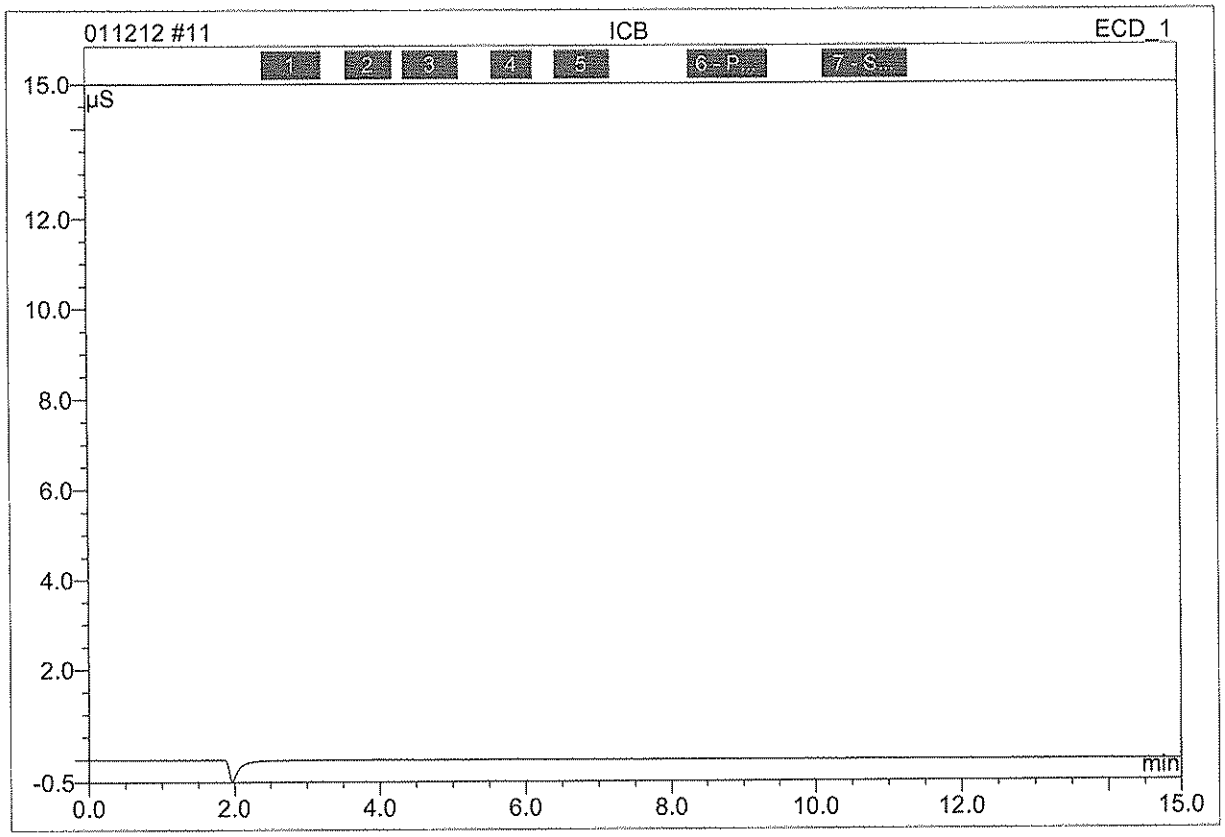
Sample Name:	**ICV 759991**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 11:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.793	0.962	13.40	9.576	BMB
2	3.94	CHLORIDE	9.816	1.356	18.89	19.030	BMB
3	4.68	NITRITE	8.627	1.465	20.41	9.496	BMB
4	5.92	BROMIDE	1.322	0.273	3.81	10.137	BMB
5	6.81	NITRATE	6.643	1.624	22.62	10.560	BMB
6	8.84	PHOSPHATE	1.479	0.545	7.58	10.640	BMB
7	10.79	SULFATE	2.357	0.954	13.29	21.043	BMB
Total:			38.037	7.181	100.00	90.482	

11 ICB

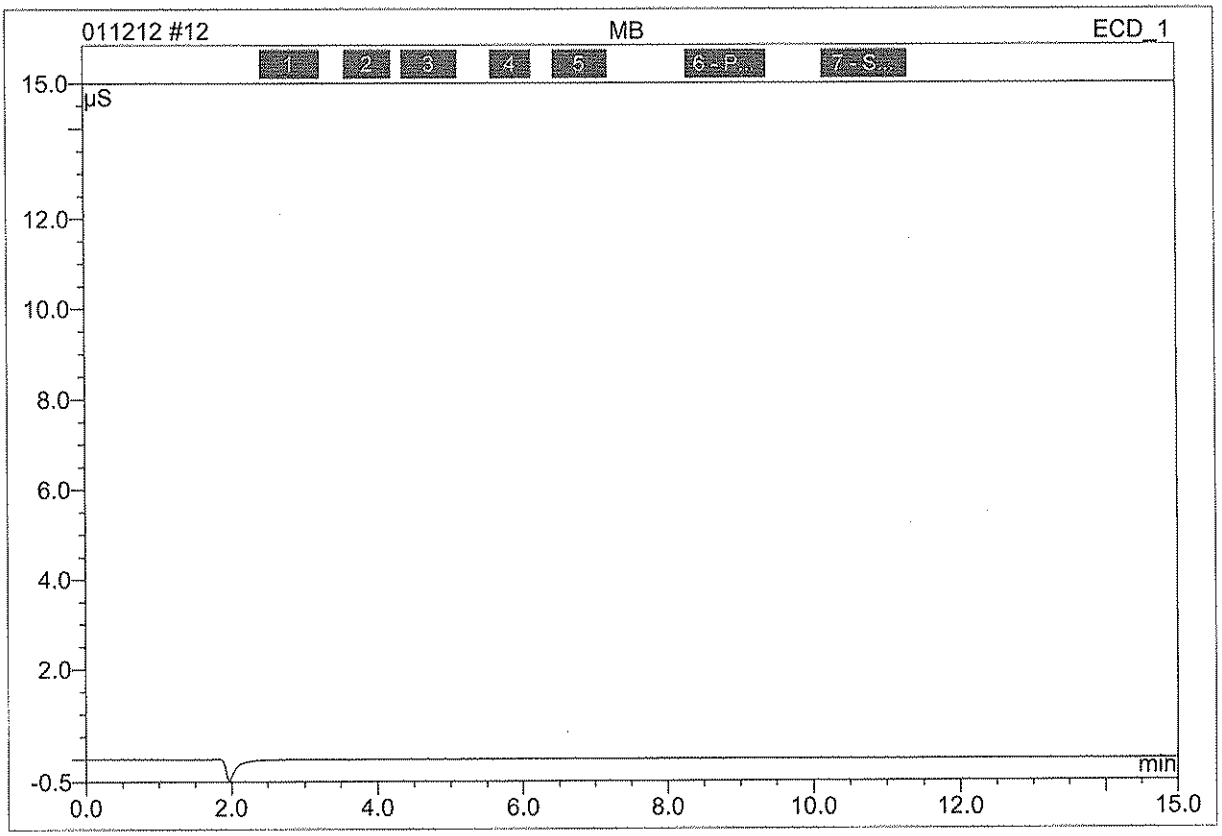
Sample Name:	**ICB**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 11:38**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

12 MB

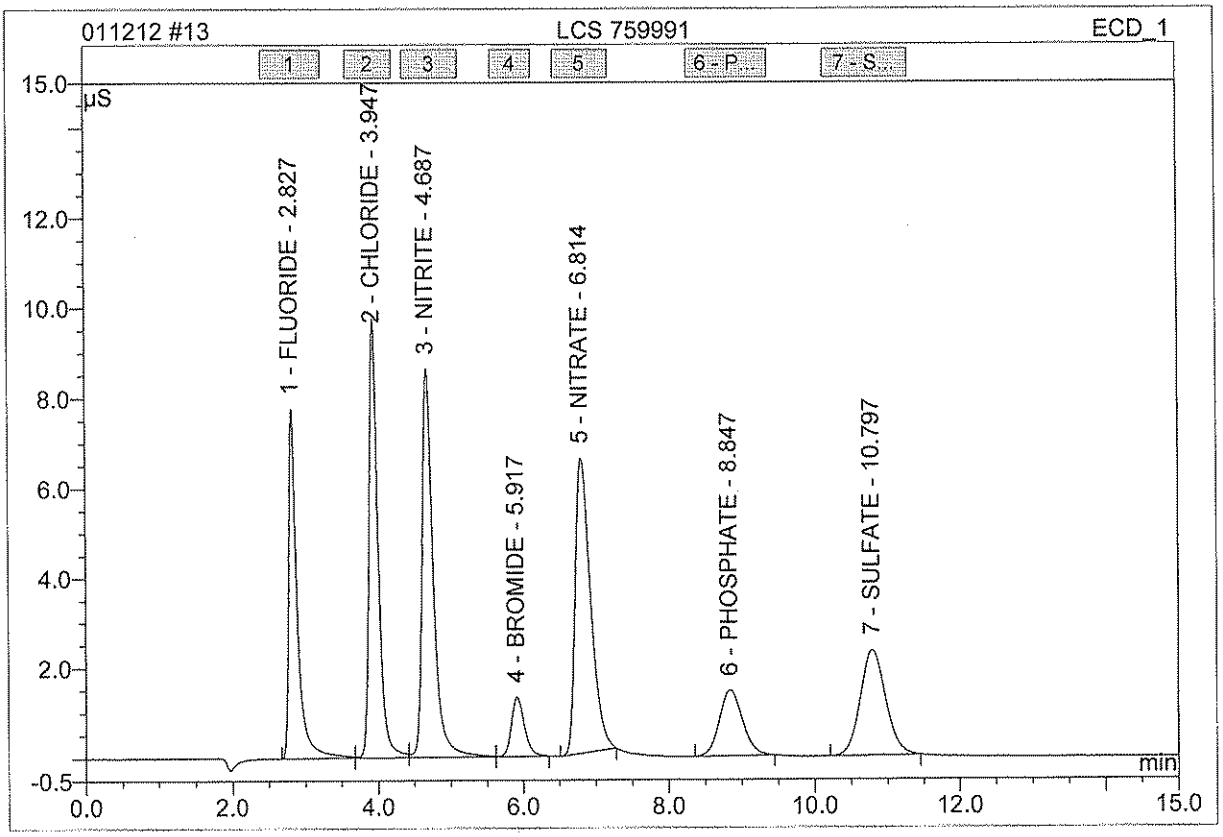
Sample Name:	**MB**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 11:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

13 LCS 759991

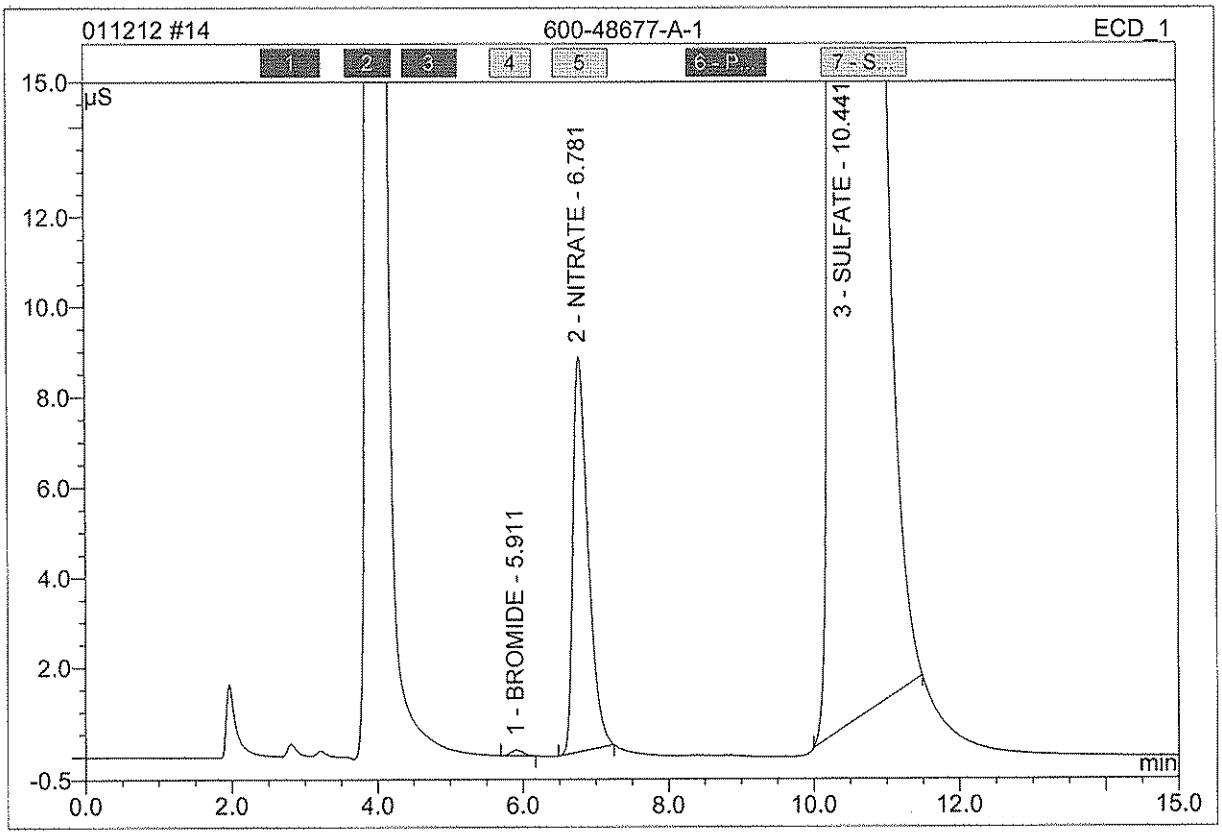
Sample Name:	**LCS 759991**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 12:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.769	1.050	14.26	10.428	BM
2	3.95	CHLORIDE	9.755	1.400	19.02	19.621	M
3	4.69	NITRITE	8.630	1.550	21.06	10.034	M
4	5.92	BROMIDE	1.310	0.273	3.71	10.133	MB
5	6.81	NITRATE	6.566	1.610	21.86	10.467	BMB
6	8.85	PHOSPHATE	1.456	0.537	7.29	10.488	BMB
7	10.80	SULFATE	2.331	0.942	12.79	20.778	BMB
Total:			37.816	7.363	100.00	91.950	

14 600-48677-A-1

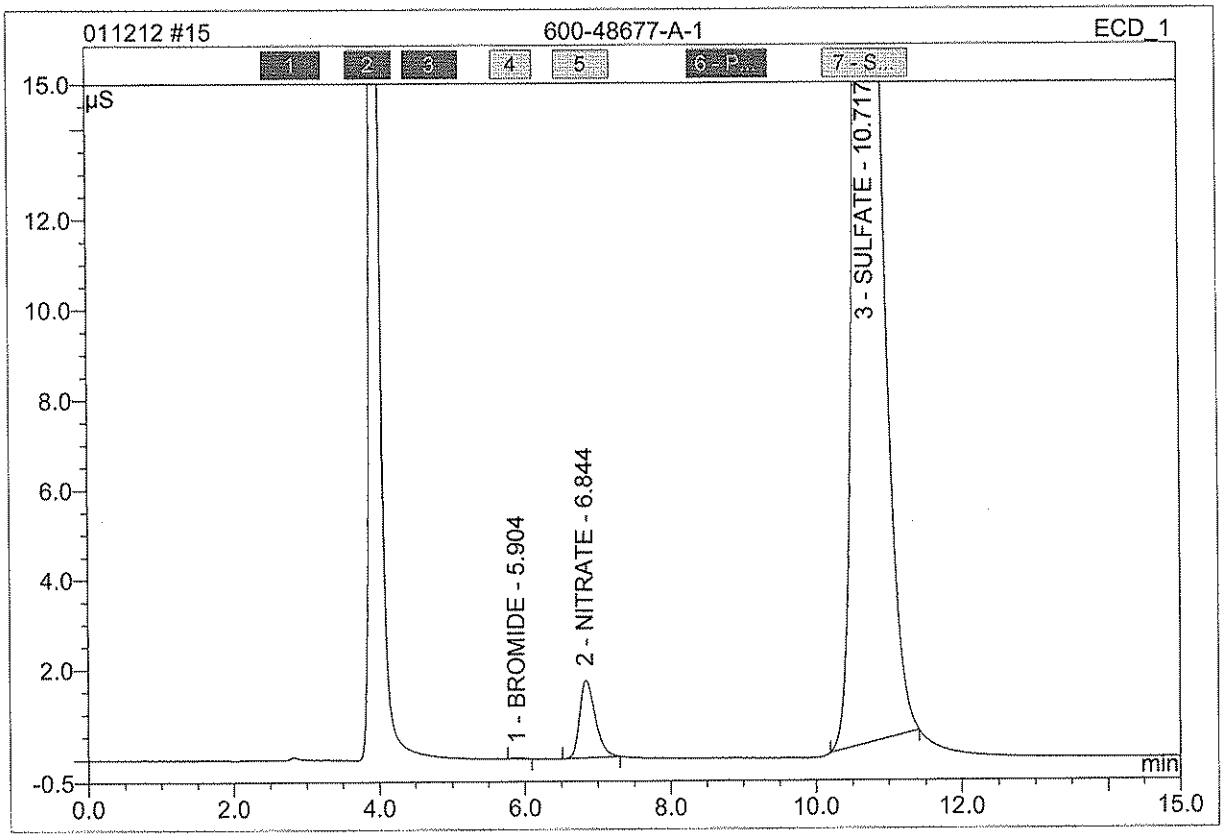
Sample Name:	**600-48677-A-1**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 12:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	5.91	BROMIDE	0.130	0.026	0.03	0.993	BMB
2	6.78	NITRATE	8.760	2.127	2.87	13.751	BMB
3	10.44	SULFATE	155.747	71.944	97.09	1572.145	BMB
Total:			164.638	74.097	100.00	1586.889	

15 600-48677-A-1

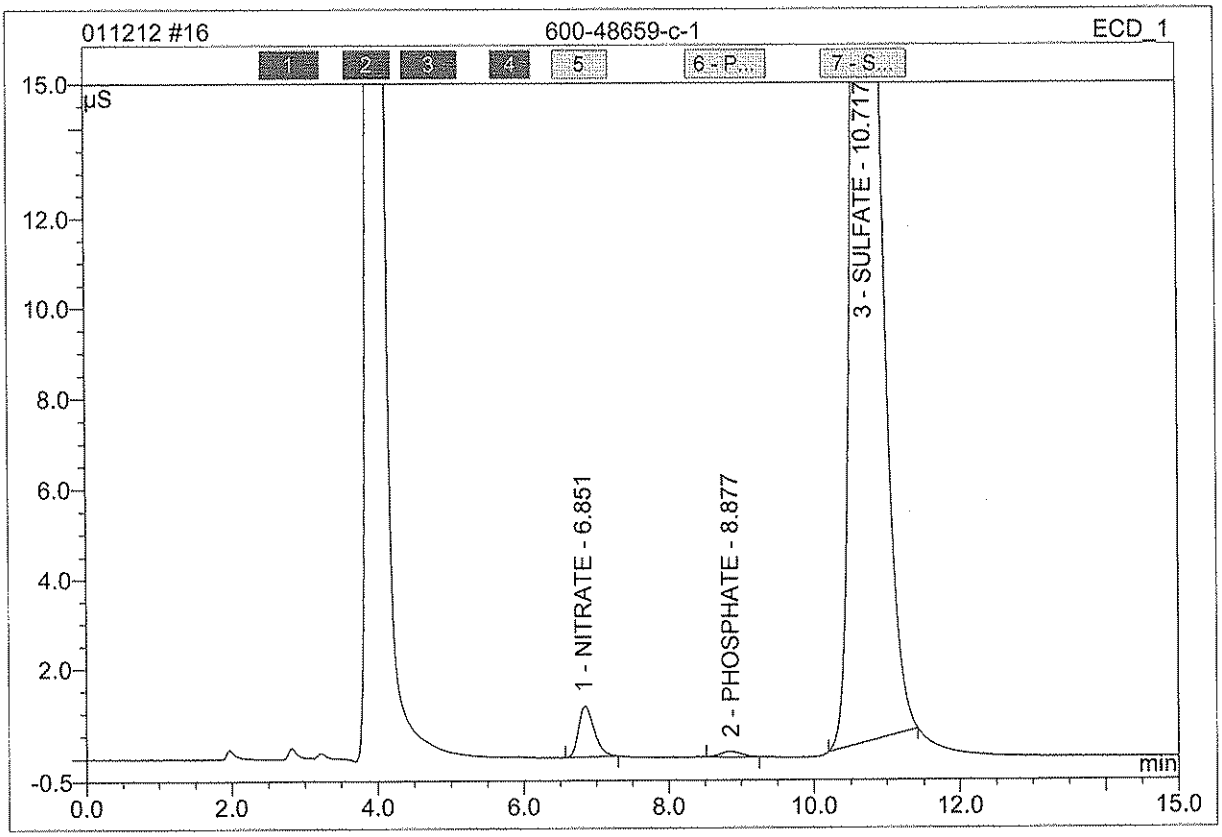
Sample Name:	**600-48677-A-1**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**5.0000**
Recording Time:	**1/12/2012 12:49**	*Sample Weight:*	**5.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	5.90	BROMIDE	0.029	0.005	0.04	0.226	BMB
2	6.84	NITRATE	1.715	0.423	3.22	2.926	BMB
3	10.72	SULFATE	33.032	12.695	96.74	277.573	BMB
Total:			34.776	13.123	100.00	280.725	

16 600-48659-c-1

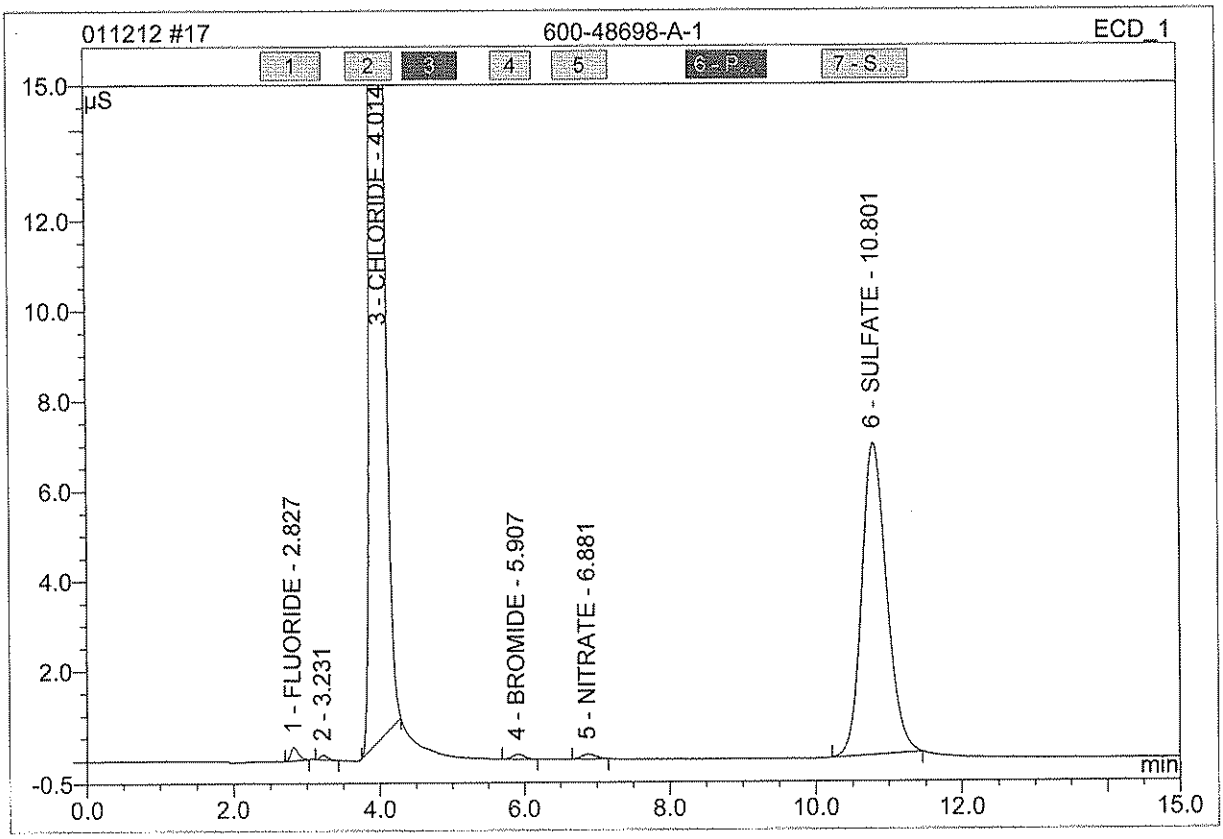
Sample Name:	**600-48659-c-1**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 13:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	6.85	NITRATE	1.122	0.278	2.03	2.004	BMB
2	8.88	PHOSPHATE	0.119	0.040	0.30	1.017	BMB
3	10.72	SULFATE	34.749	13.374	97.68	292.423	BMB
Total:			35.990	13.693	100.00	295.444	

17 600-48698-A-1

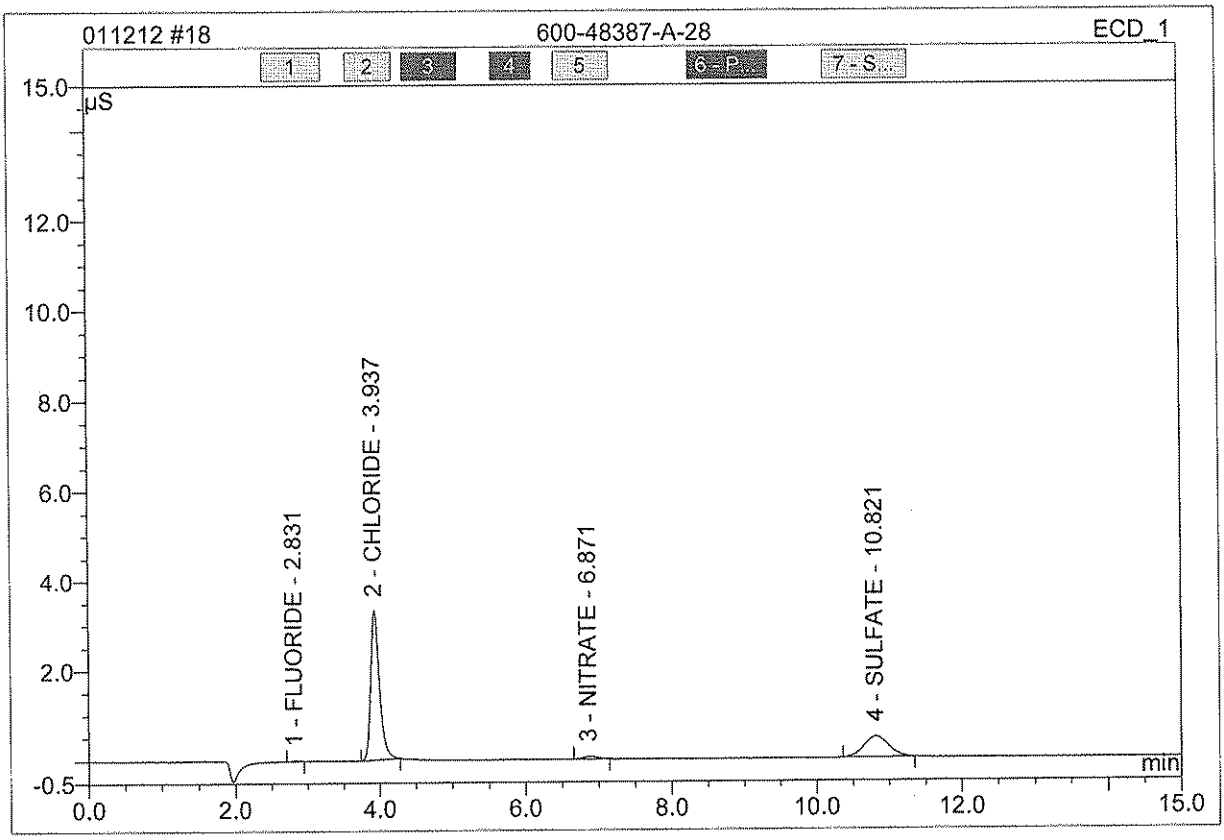
Sample Name:	**600-48698-A-1**	*Injection Volume:*	**10.0**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 13:25**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.297	0.037	0.27	0.586	BMB
2	3.23	n.a.	0.106	0.013	0.09	n.a.	BMB
3	4.01	CHLORIDE	76.254	10.864	79.31	147.471	BMB
4	5.91	BROMIDE	0.111	0.022	0.16	0.870	BMB
5	6.88	NITRATE	0.111	0.025	0.18	0.401	BMB
6	10.80	SULFATE	6.932	2.737	19.98	59.996	BMB
Total:			83.811	13.698	100.00	209.323	

18 600-48387-A-28

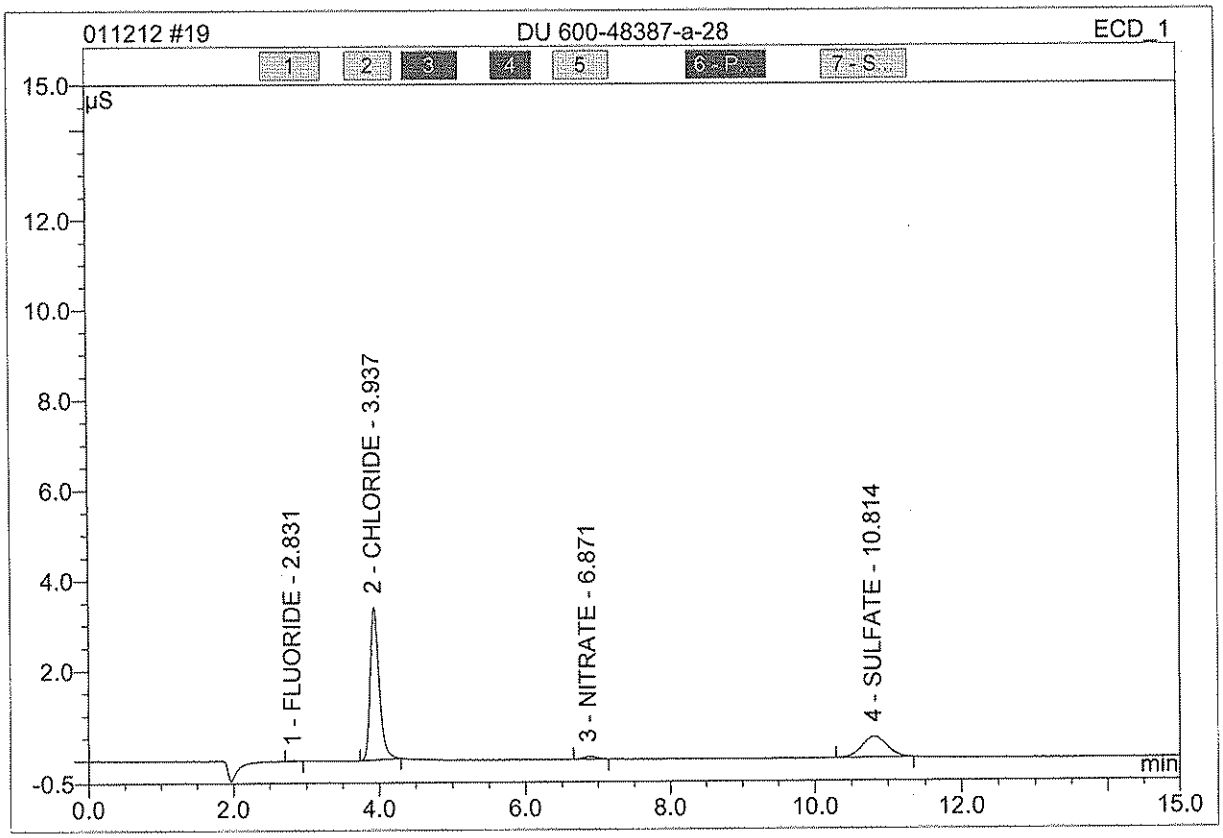
Sample Name:	**600-48387-A-28**	*Injection Volume:*	**10.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 13:43**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.024	0.003	0.42	0.257	BMB
2	3.94	CHLORIDE	3.323	0.469	70.29	7.041	BMB
3	6.87	NITRATE	0.058	0.014	2.04	0.326	BMB
4	10.82	SULFATE	0.460	0.182	27.26	4.175	BMB
Total:			3.866	0.667	100.00	11.799	

19 DU 600-48387-a-28

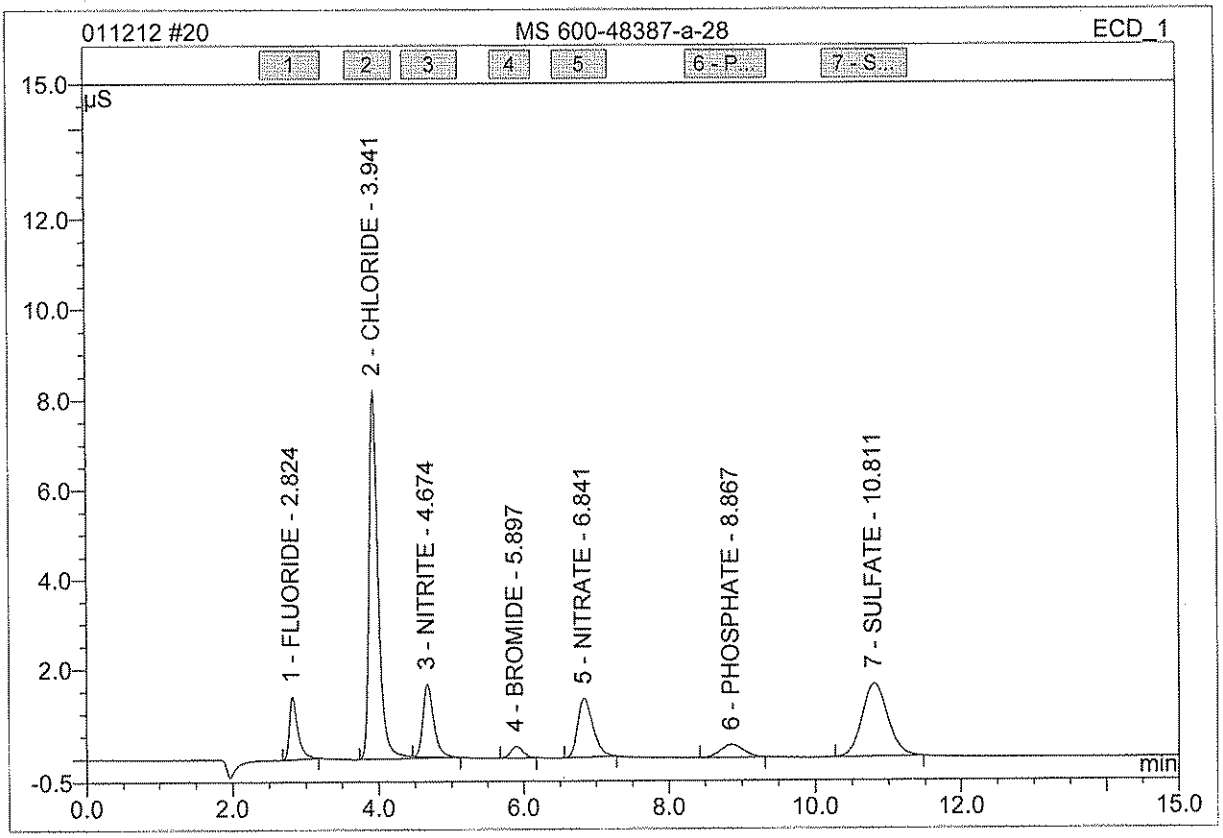
Sample Name:	**DU 600-48387-a-28**	*Injection Volume:*	**10.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 14:01**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.024	0.003	0.39	0.255	BMB
2	3.94	CHLORIDE	3.383	0.479	70.44	7.170	BMB
3	6.87	NITRATE	0.057	0.013	1.92	0.323	BMB
4	10.81	SULFATE	0.465	0.185	27.25	4.246	BMB
Total:			3.928	0.679	100.00	11.994	

20 MS 600-48387-a-28

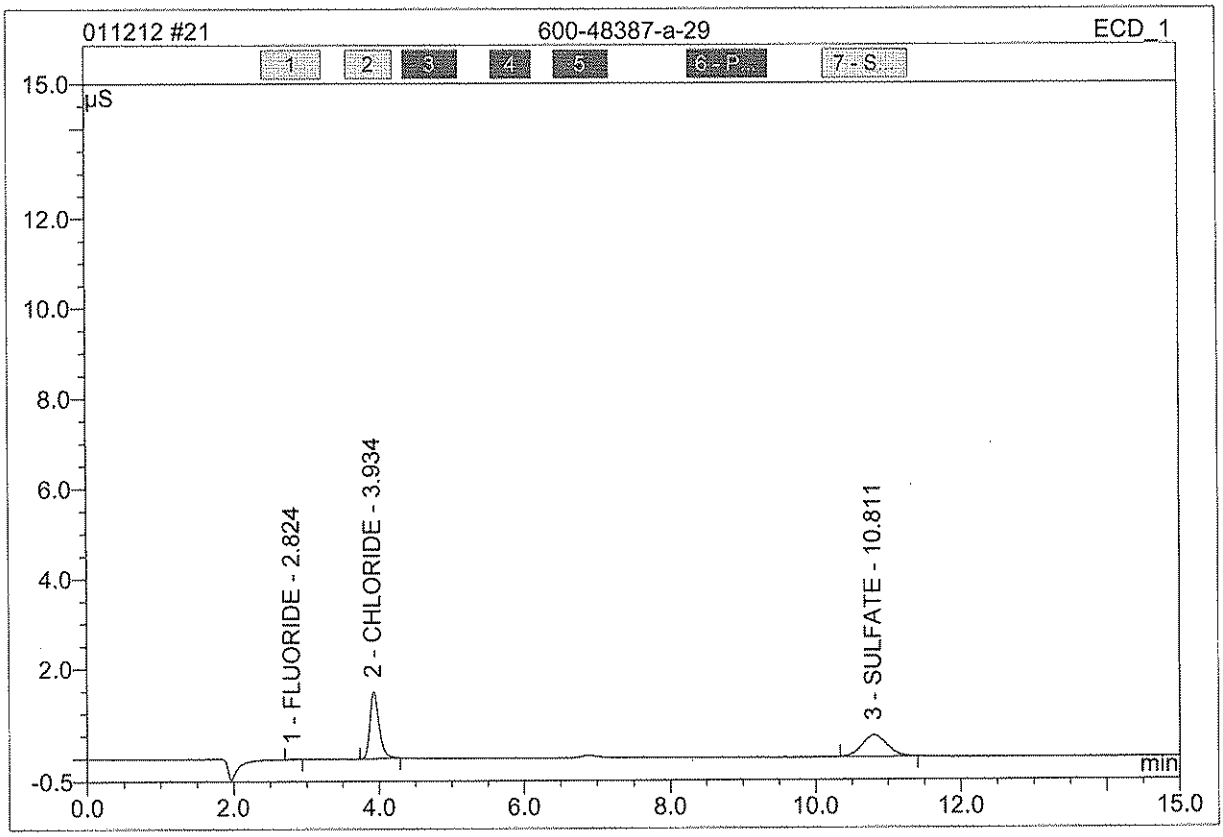
Sample Name:	**MS 600-48387-a-28**	*Injection Volume:*	**10.0**
Vial Number:	**12**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 14:19**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.82	FLUORIDE	1.392	0.184	6.63	2.016	BMB
2	3.94	CHLORIDE	8.211	1.184	42.71	16.699	BMB
3	4.67	NITRITE	1.608	0.279	10.06	1.986	Rd
4	5.90	BROMIDE	0.257	0.051	1.83	1.918	BMB
5	6.84	NITRATE	1.297	0.319	11.51	2.266	BMB
6	8.87	PHOSPHATE	0.284	0.103	3.71	2.207	BMB
7	10.81	SULFATE	1.618	0.653	23.55	14.464	BMB
Total:			14.667	2.772	100.00	41.555	

21 600-48387-a-29

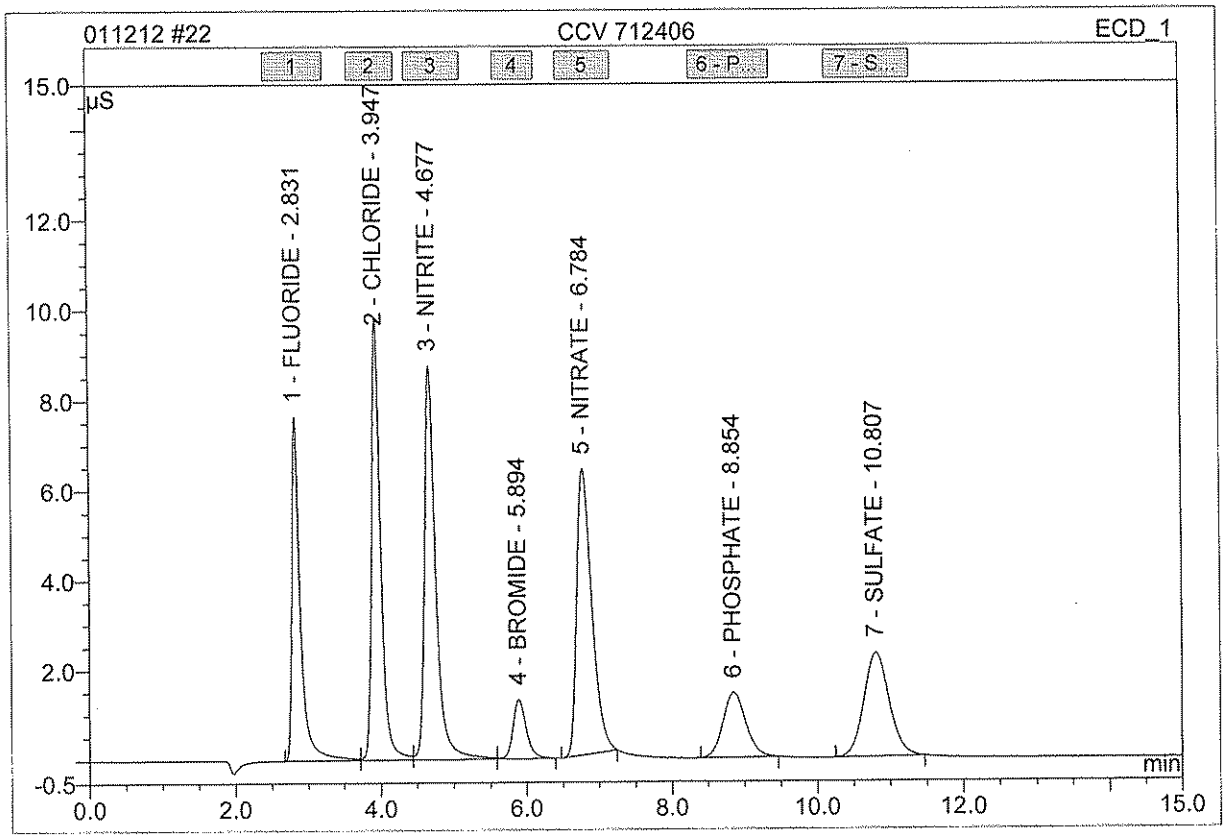
Sample Name:	**600-48387-a-29**	*Injection Volume:*	**10.0**
Vial Number:	**13**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 14:37**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.82	FLUORIDE	0.023	0.003	0.63	0.255	BMB
2	3.93	CHLORIDE	1.491	0.214	52.48	3.594	BMB
3	10.81	SULFATE	0.477	0.191	46.89	4.374	BMB
Total:			1.991	0.408	100.00	8.223	

22 CCV 712406

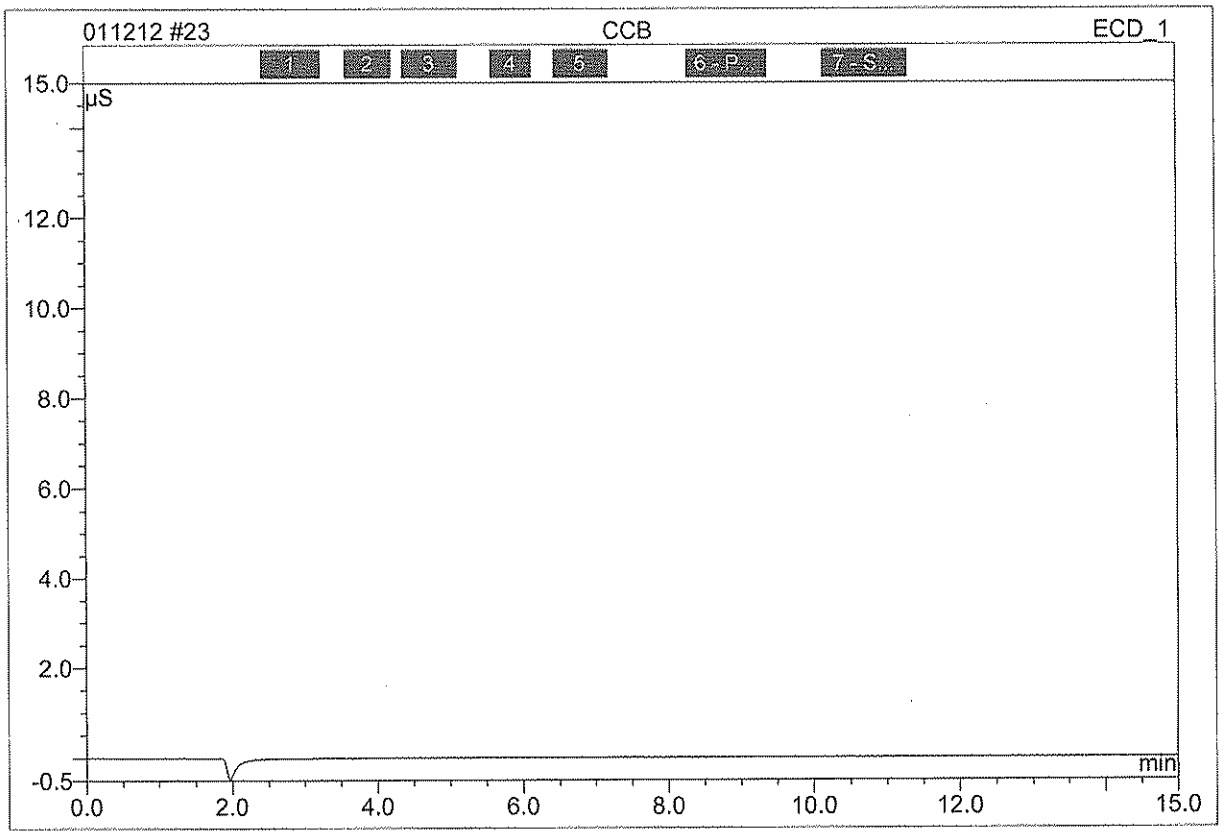
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**14**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 14:55**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.647	1.033	14.20	10.263	BM
2	3.95	CHLORIDE	9.830	1.404	19.29	19.666	M
3	4.68	NITRITE	8.754	1.570	21.58	10.156	M
4	5.89	BROMIDE	1.314	0.278	3.83	10.317	MB
5	6.78	NITRATE	6.360	1.540	21.16	10.022	BMB
6	8.85	PHOSPHATE	1.440	0.527	7.24	10.297	BMB
7	10.81	SULFATE	2.297	0.924	12.71	20.398	BMB
Total:			37.643	7.276	100.00	91.120	

23 CCB

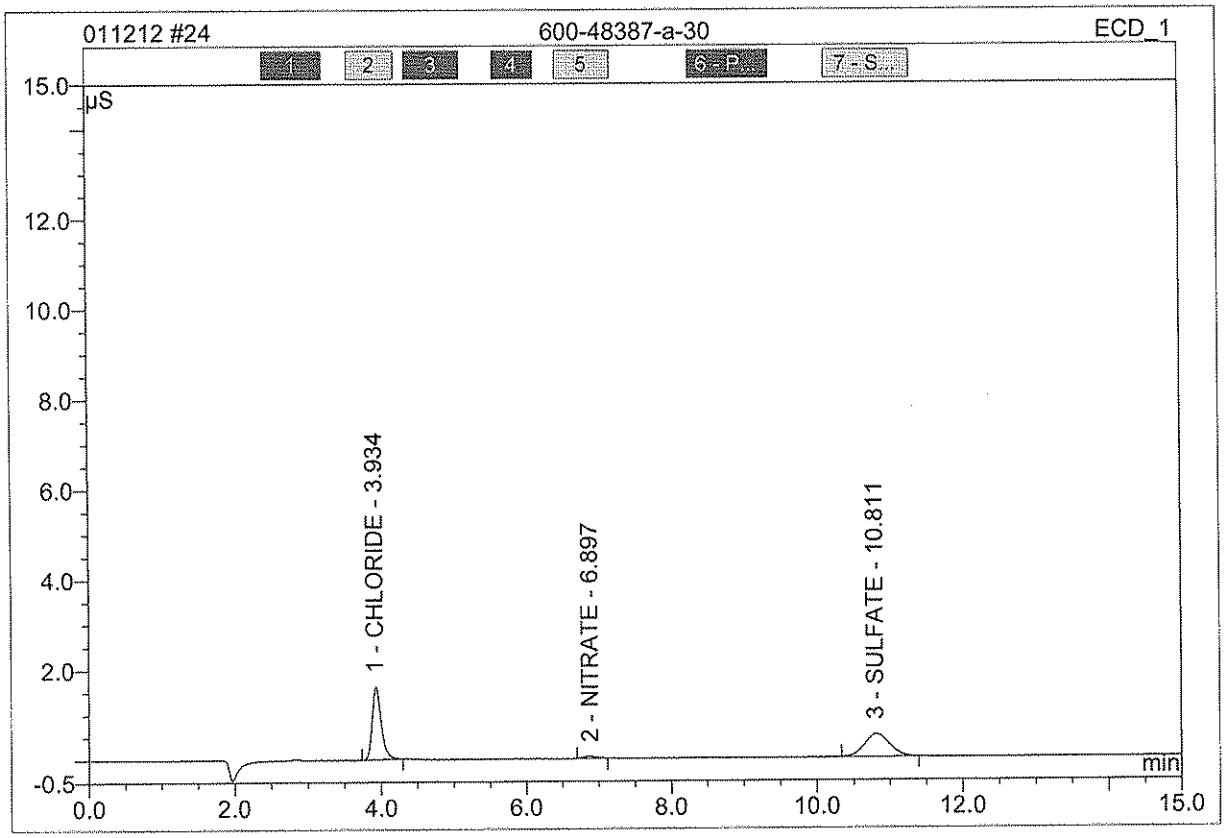
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**15**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 15:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

24 600-48387-a-30

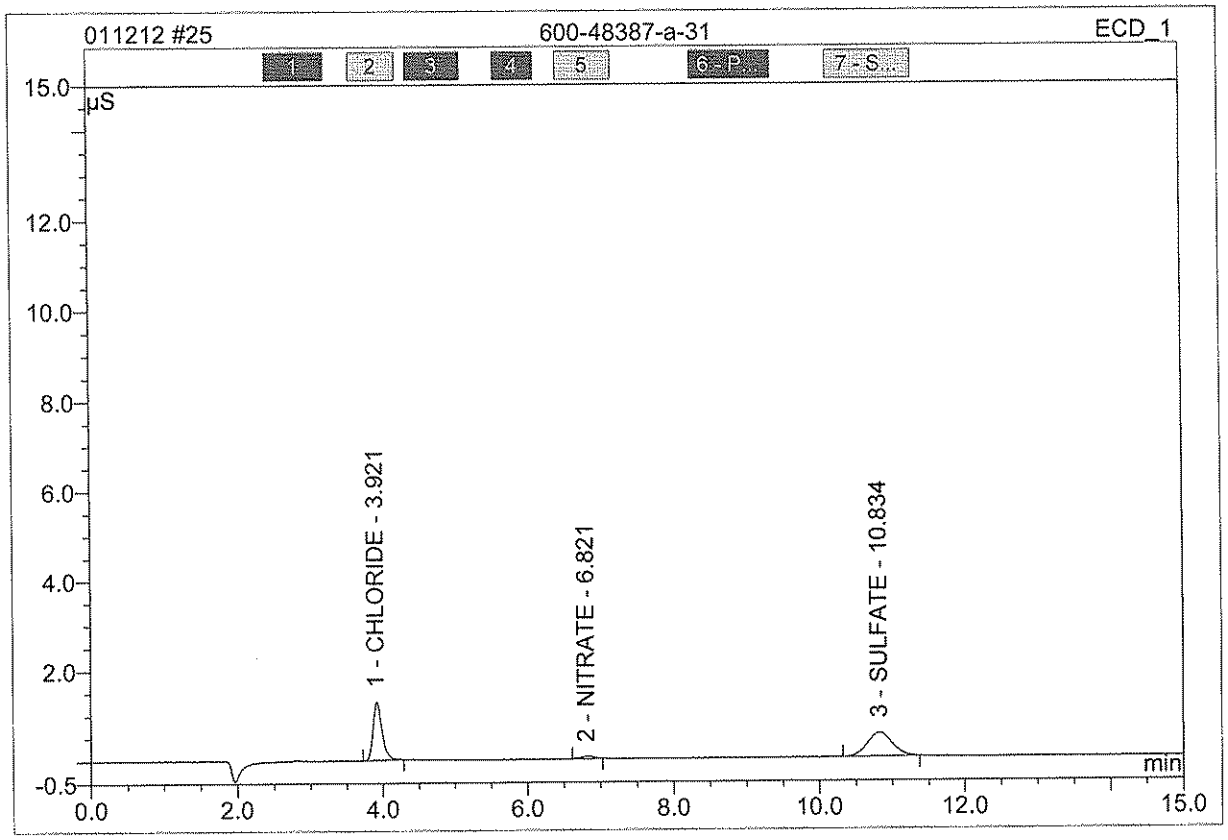
Sample Name:	**600-48387-a-30**	*Injection Volume:*	**10.0**
Vial Number:	**16**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 15:31**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.93	CHLORIDE	1.617	0.231	52.00	3.820	BMB
2	6.90	NITRATE	0.047	0.010	2.26	0.303	BMB
3	10.81	SULFATE	0.502	0.203	45.75	4.633	BMB
Total:			2.166	0.444	100.00	8.757	

25 600-48387-a-31

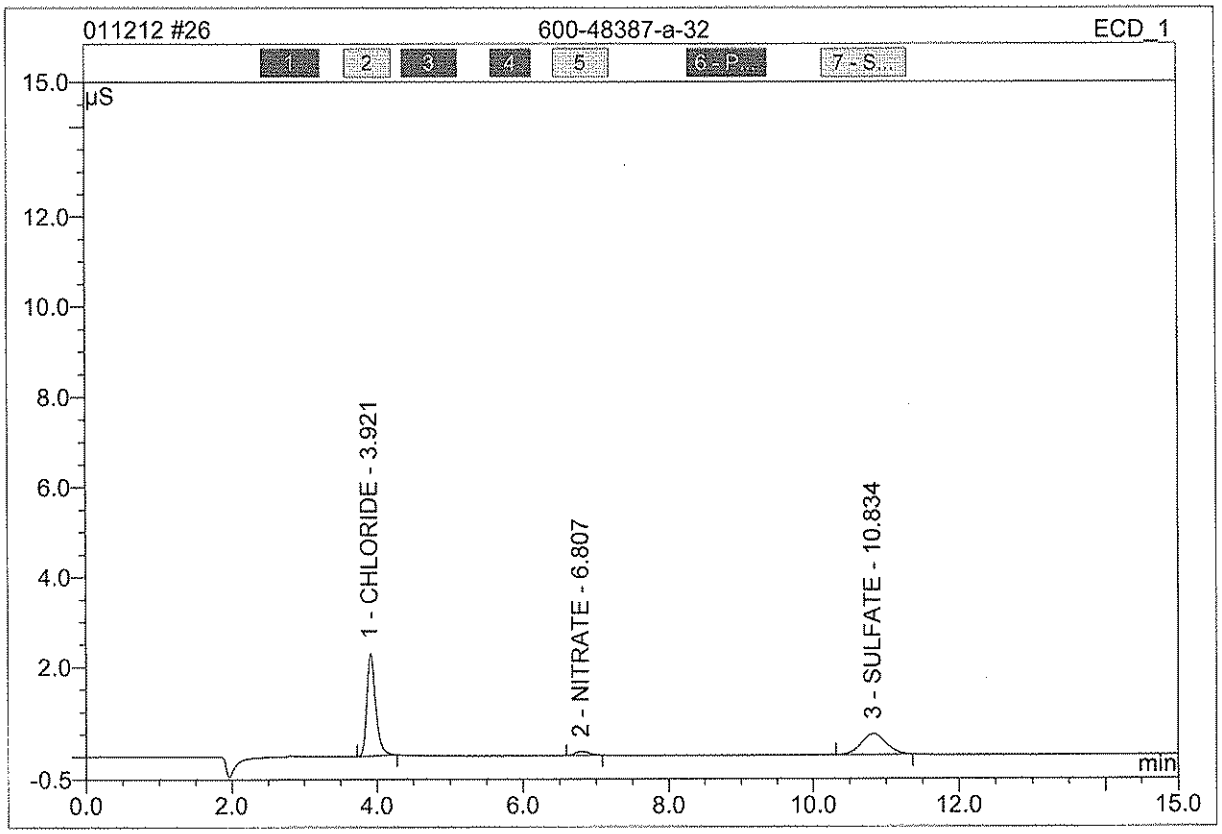
Sample Name:	**600-48387-a-31**	*Injection Volume:*	**10.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 15:49**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	1.300	0.185	45.49	3.205	BMB
2	6.82	NITRATE	0.054	0.011	2.66	0.309	BMB
3	10.83	SULFATE	0.529	0.211	51.85	4.810	BMB
Total:			1.883	0.407	100.00	8.324	

26 600-48387-a-32

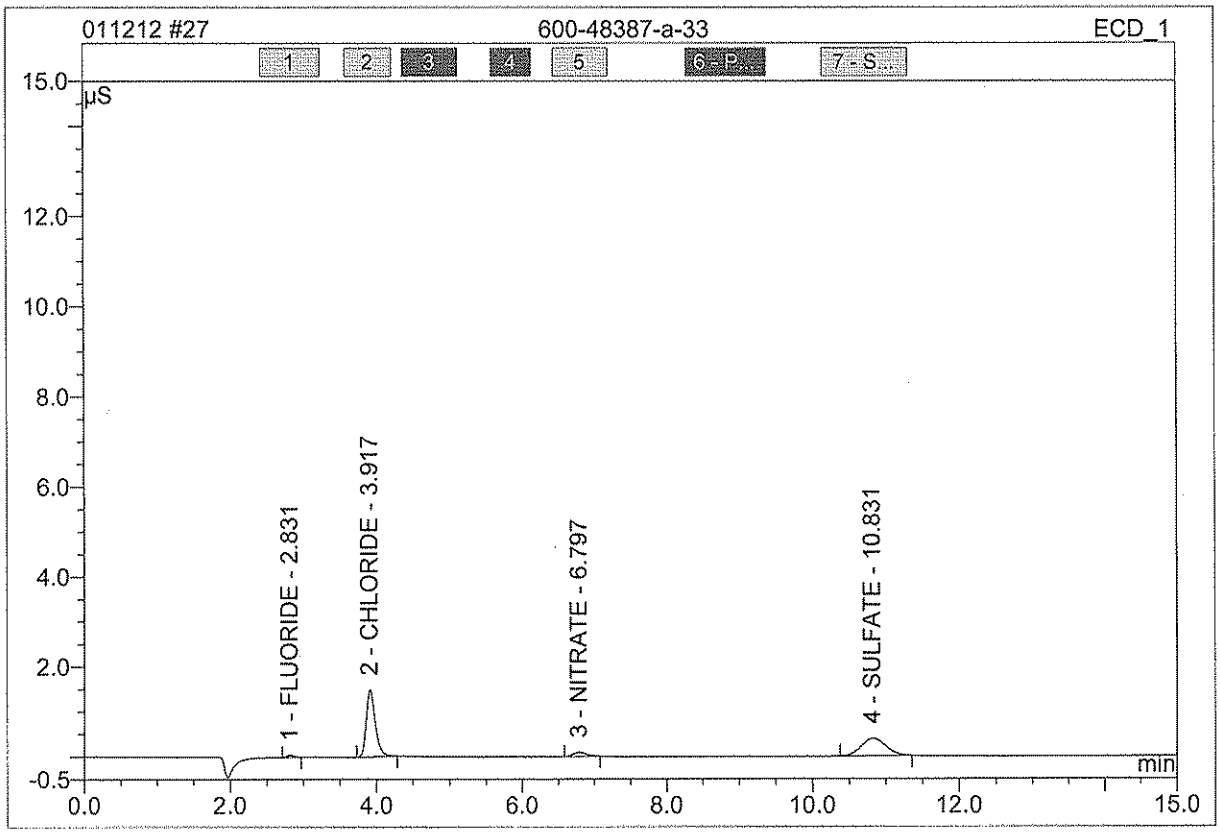
Sample Name:	**600-48387-a-32**	*Injection Volume:*	**10.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 16:06**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	2.278	0.321	60.91	5.047	BMB
2	6.81	NITRATE	0.092	0.020	3.85	0.369	BMB
3	10.83	SULFATE	0.465	0.186	35.24	4.263	BMB
Total:			2.835	0.528	100.00	9.679	

27 600-48387-a-33

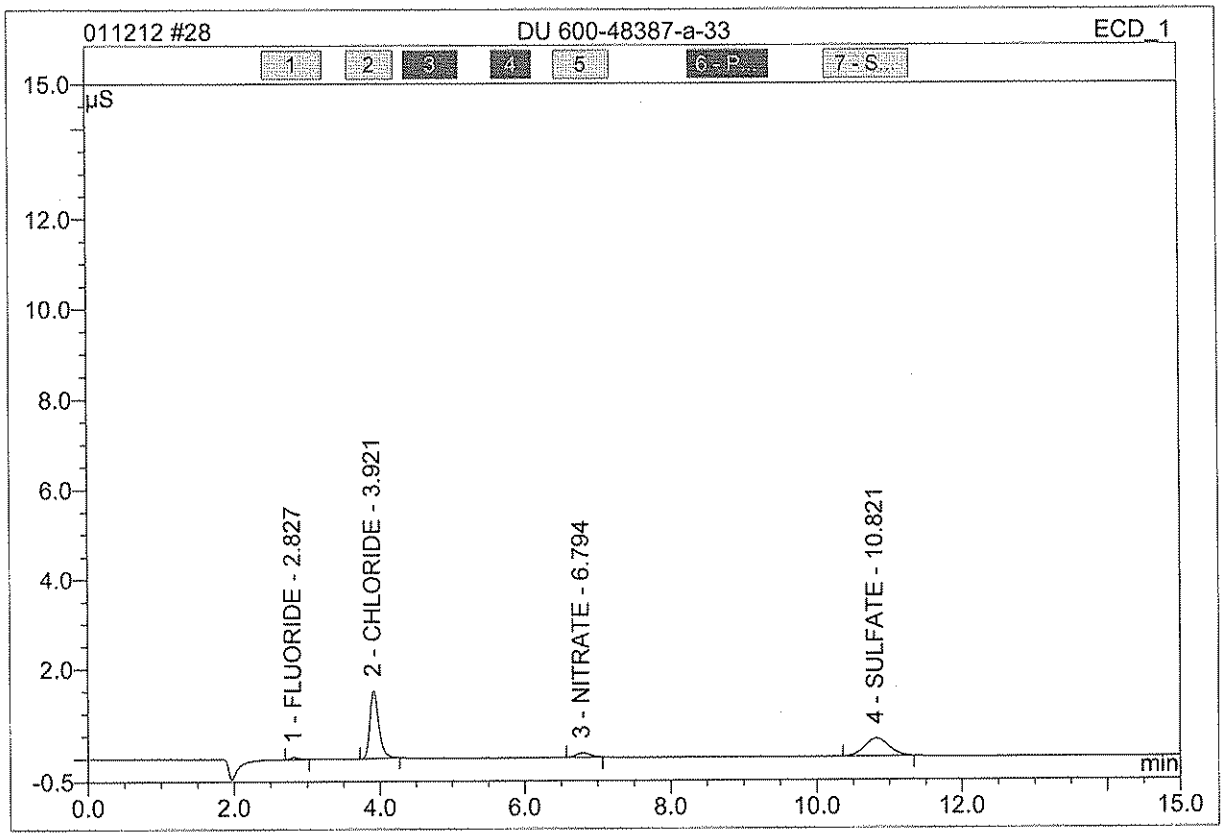
Sample Name:	**600-48387-a-33**	*Injection Volume:*	**10.0**
Vial Number:	**19**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 16:24**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.050	0.006	1.52	0.287	BMB
2	3.92	CHLORIDE	1.495	0.212	54.22	3.563	BMB
3	6.80	NITRATE	0.095	0.021	5.44	0.375	BMB
4	10.83	SULFATE	0.388	0.152	38.83	3.511	BMB
Total:			2.027	0.390	100.00	7.735	

28 DU 600-48387-a-33

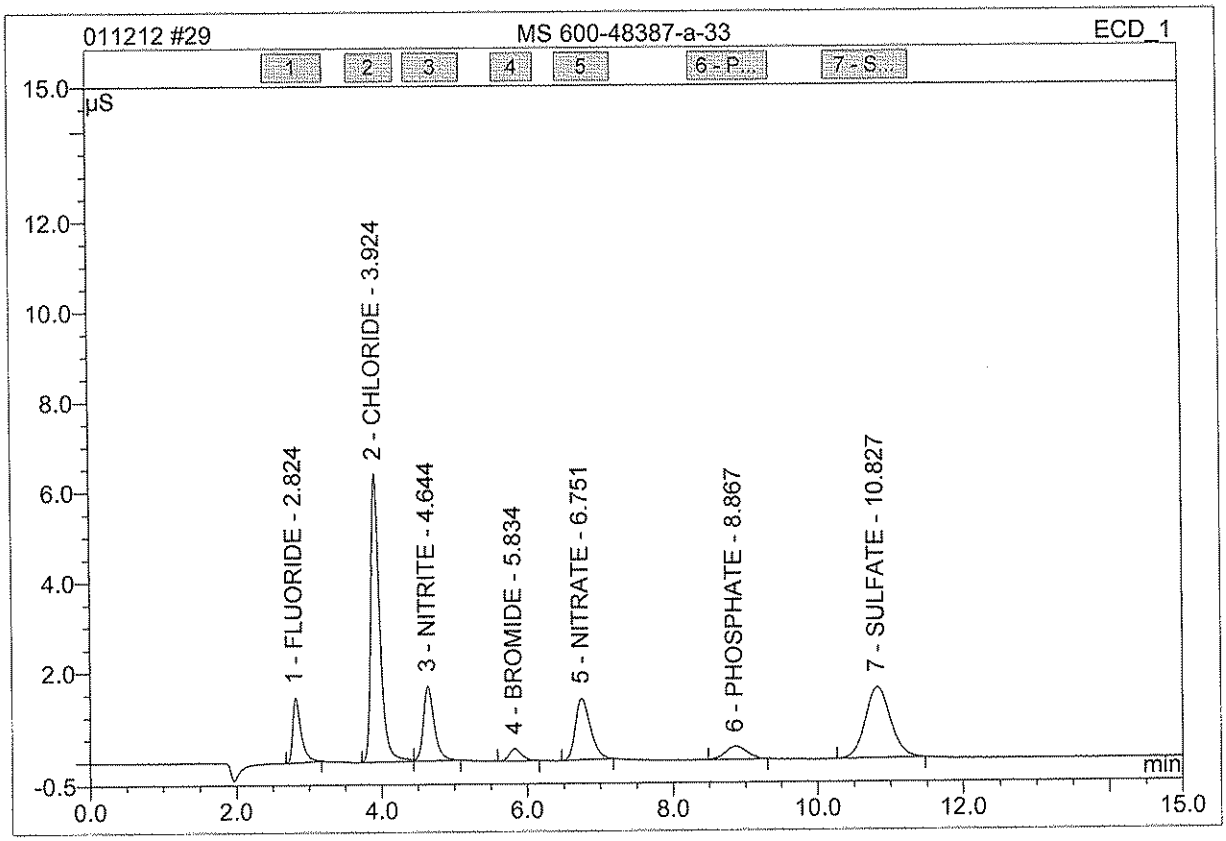
Sample Name:	**DU 600-48387-a-33**	*Injection Volume:*	**10.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 16:42**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.052	0.007	1.75	0.297	BMB
2	3.92	CHLORIDE	1.508	0.213	53.93	3.586	BMB
3	6.79	NITRATE	0.094	0.021	5.40	0.375	BMB
4	10.82	SULFATE	0.393	0.154	38.92	3.563	BMB
Total:			2.047	0.396	100.00	7.822	

29 MS 600-48387-a-33

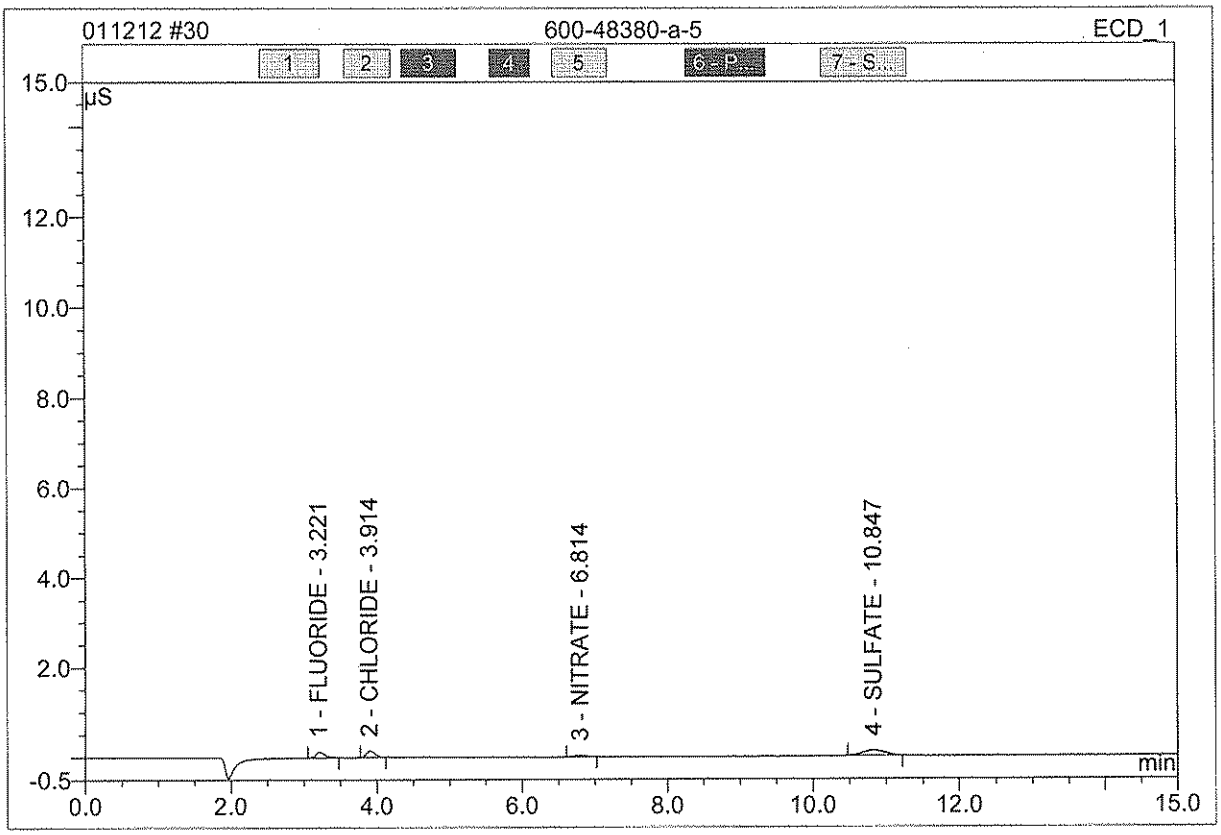
Sample Name:	**MS 600-48387-a-33**	*Injection Volume:*	**10.0**
Vial Number:	**21**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 17:00**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.82	FLUORIDE	1.435	0.188	7.53	2.058	BMB
2	3.92	CHLORIDE	6.386	0.908	36.34	12.974	BM
3	4.64	NITRITE	1.656	0.289	11.56	2.048	MB
4	5.83	BROMIDE	0.266	0.054	2.16	2.039	BMB
5	6.75	NITRATE	1.368	0.328	13.14	2.326	BMB
6	8.87	PHOSPHATE	0.286	0.100	4.02	2.162	BMB
7	10.83	SULFATE	1.569	0.631	25.24	13.982	BMB
Total:			12.965	2.499	100.00	37.589	

30 600-48380-a-5

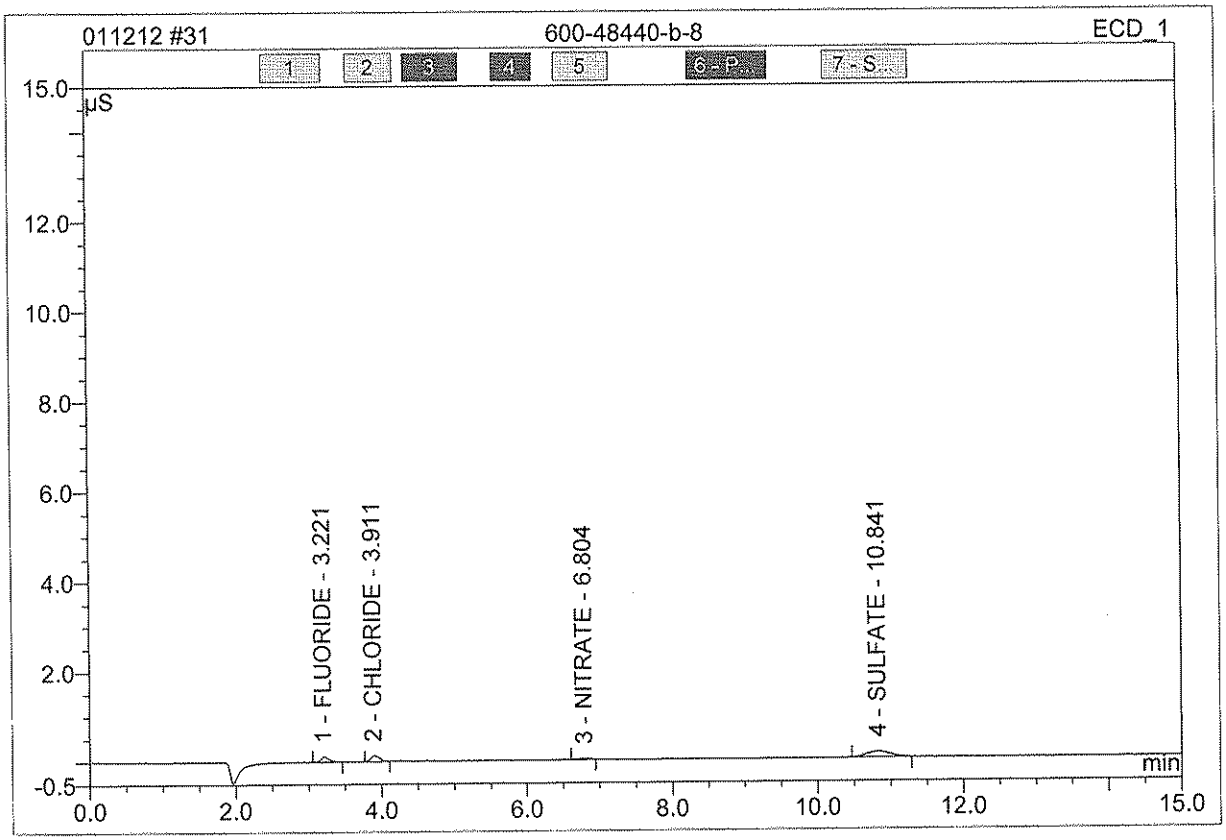
Sample Name:	**600-48380-a-5**	*Injection Volume:*	**10.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 17:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.22	FLUORIDE	0.128	0.017	20.07	0.397	BMB
2	3.91	CHLORIDE	0.148	0.020	23.20	0.973	BMB
3	6.81	NITRATE	0.033	0.007	8.06	0.284	BMB
4	10.85	SULFATE	0.115	0.042	48.67	1.112	BMB
Total:			0.424	0.086	100.00	2.766	

31 600-48440-b-8

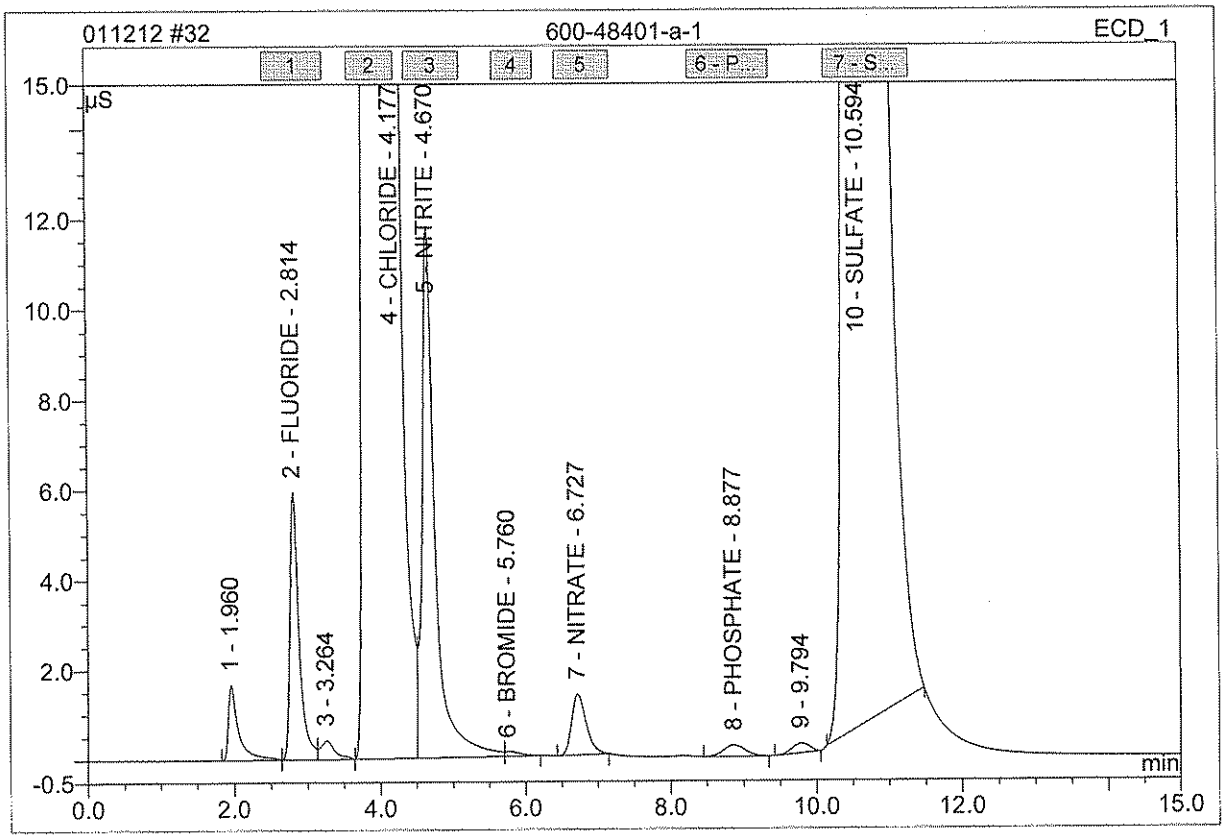
Sample Name:	**600-48440-b-8**	*Injection Volume:*	**10.0**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 17:36**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.22	FLUORIDE	0.113	0.015	17.44	0.377	BMB
2	3.91	CHLORIDE	0.135	0.018	20.97	0.950	BMB
3	6.80	NITRATE	0.026	0.005	5.77	0.272	BMB
4	10.84	SULFATE	0.129	0.048	55.83	1.258	BMB
Total:			0.403	0.087	100.00	2.857	

32 600-48401-a-1

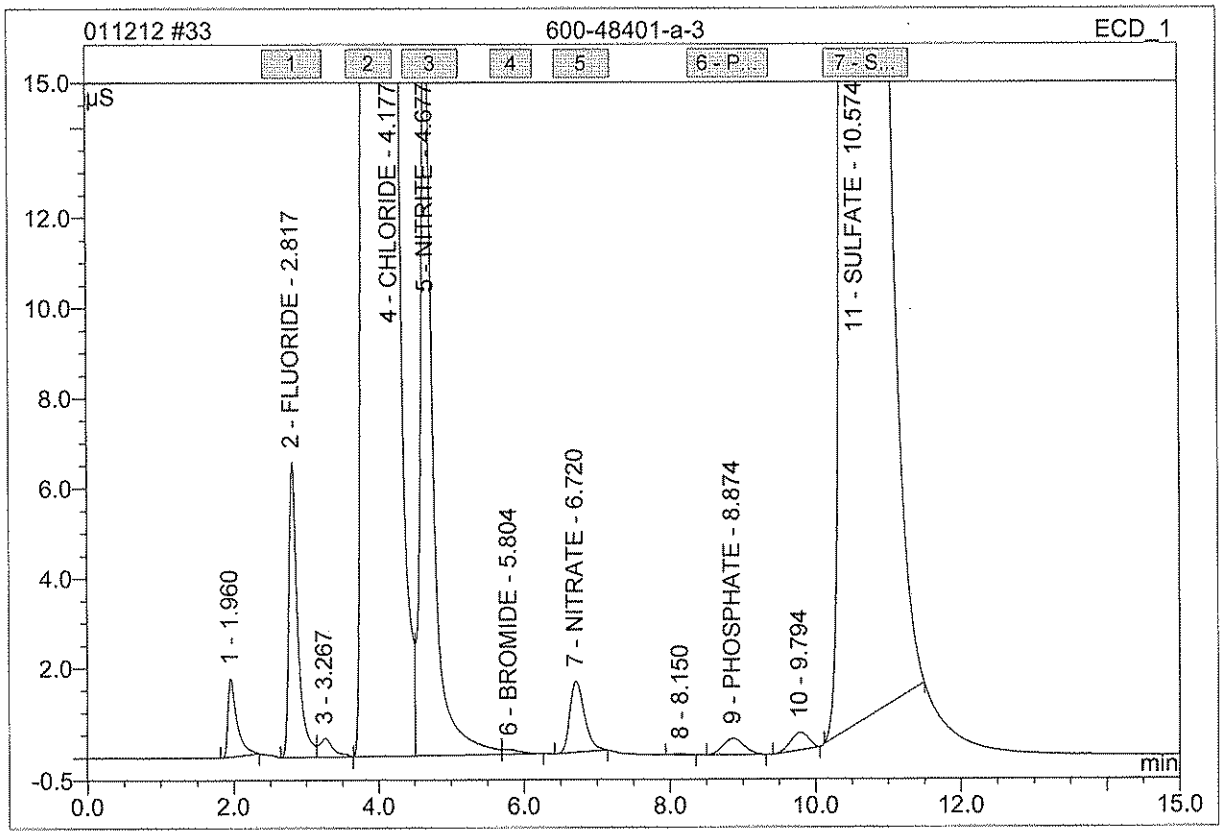
Sample Name:	**600-48401-a-1**	*Injection Volume:*	**10.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 17:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	1.672	0.272	0.22	n.a.	BM
2	2.81	FLUORIDE	5.948	0.859	0.70	8.572	M
3	3.26	n.a.	0.417	0.095	0.08	n.a.	MB
4	4.18	CHLORIDE	271.983	73.873	60.48	998.687	BM
5	4.67	NITRITE	11.798	2.419	1.98	15.534	M
6	5.76	BROMIDE	0.098	0.026	0.02	0.988	MB
7	6.73	NITRATE	1.352	0.318	0.26	2.262	BMB
8	8.88	PHOSPHATE	0.255	0.090	0.07	1.964	BMB
9	9.79	n.a.	0.217	0.061	0.05	n.a.	BMB
10	10.59	SULFATE	105.175	44.140	36.13	964.623	BMB
Total:			398.915	122.153	100.00	1992.628	

33 600-48401-a-3

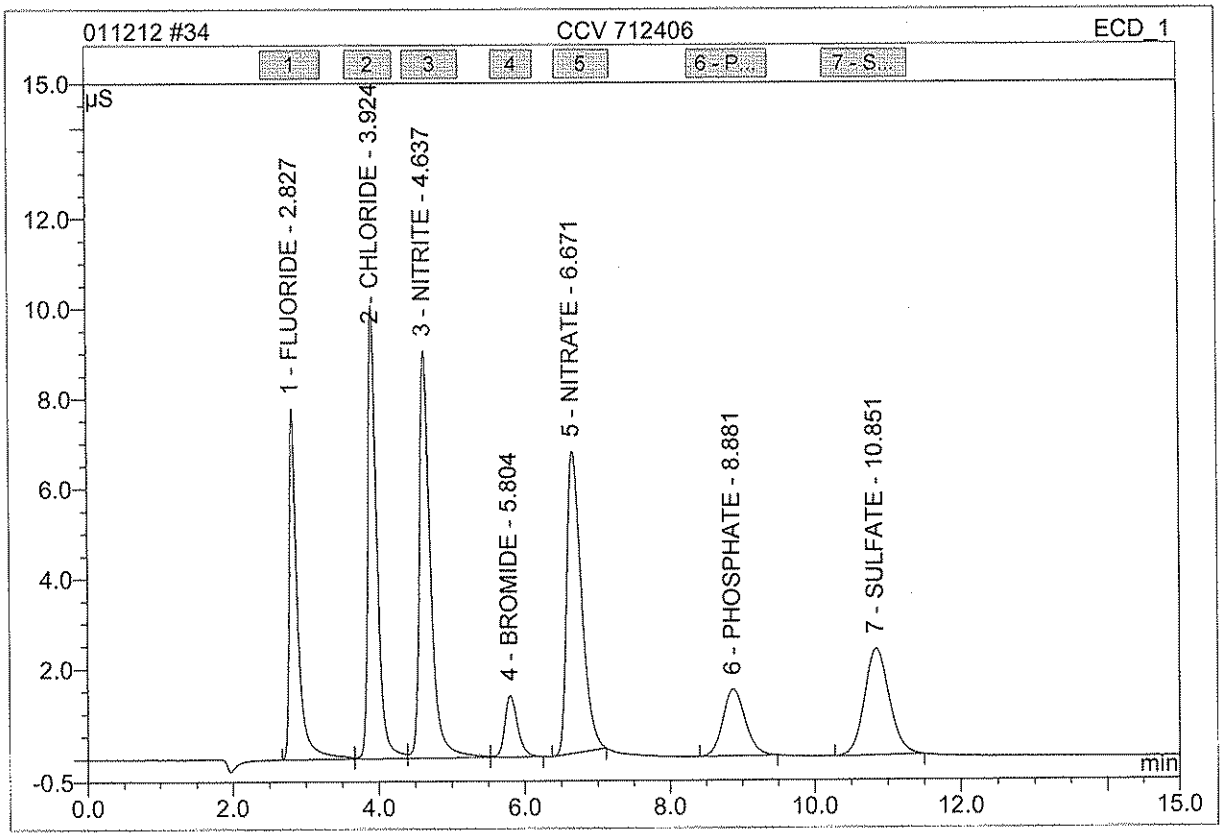
Sample Name:	**600-48401-a-3**	*Injection Volume:*	**10.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 18:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	1.749	0.252	0.20	n.a.	BMB
2	2.82	FLUORIDE	6.575	0.945	0.73	9.408	BM
3	3.27	n.a.	0.416	0.096	0.07	n.a.	MB
4	4.18	CHLORIDE	271.486	73.290	56.97	990.818	BM
5	4.68	NITRITE	17.285	3.319	2.58	21.231	M
6	5.80	BROMIDE	0.106	0.031	0.02	1.180	MB
7	6.72	NITRATE	1.583	0.368	0.29	2.577	BMB
8	8.15	n.a.	0.029	0.006	0.01	n.a.	BMB
9	8.87	PHOSPHATE	0.365	0.125	0.10	2.634	BMB
10	9.79	n.a.	0.387	0.113	0.09	n.a.	BMB
11	10.57	SULFATE	116.792	50.105	38.95	1094.960	BMB
Total:			416.774	128.650	100.00	2122.808	

34 CCV 712406

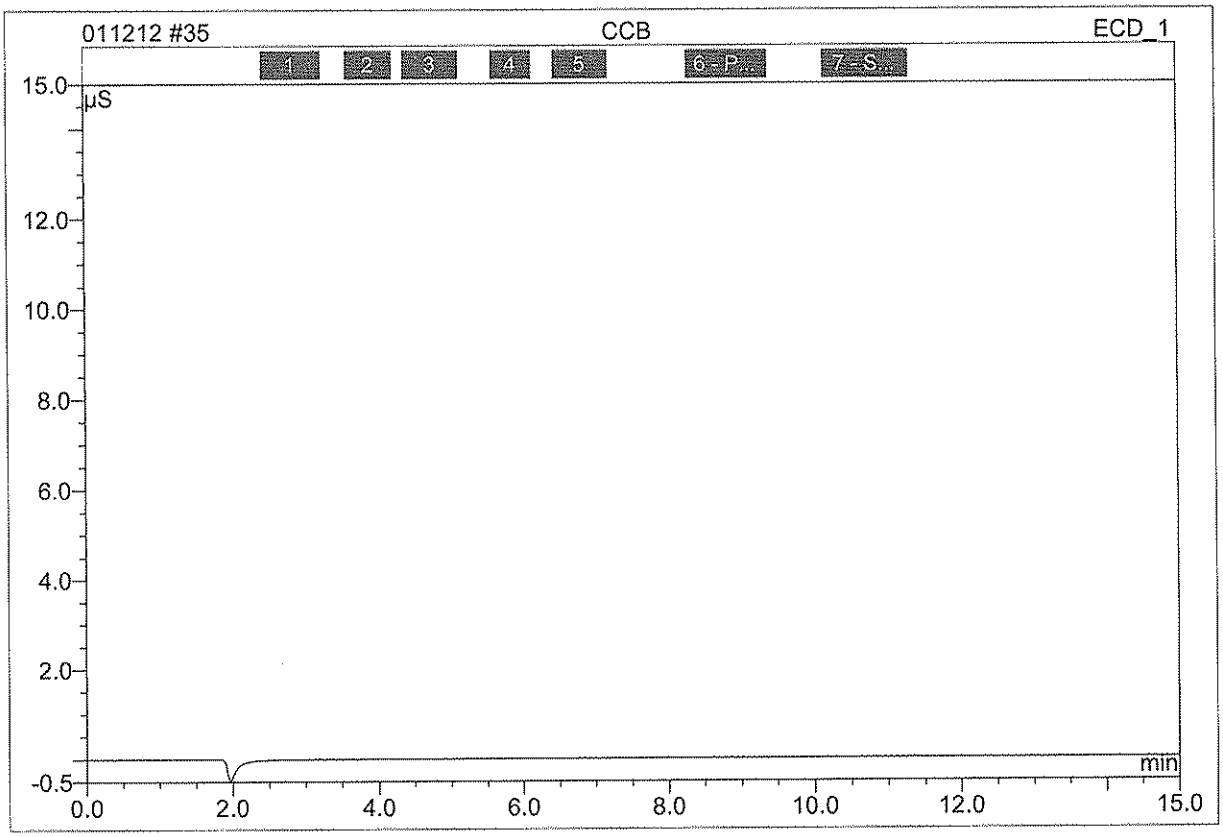
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 18:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.774	1.042	14.15	10.345	BM
2	3.92	CHLORIDE	10.068	1.419	19.28	19.869	M
3	4.64	NITRITE	9.042	1.586	21.55	10.256	M
4	5.80	BROMIDE	1.366	0.278	3.77	10.291	MB
5	6.67	NITRATE	6.690	1.565	21.26	10.181	BMB
6	8.88	PHOSPHATE	1.482	0.534	7.25	10.432	BMB
7	10.85	SULFATE	2.356	0.937	12.73	20.673	BMB
Total:			38.777	7.359	100.00	92.048	

35 CCB

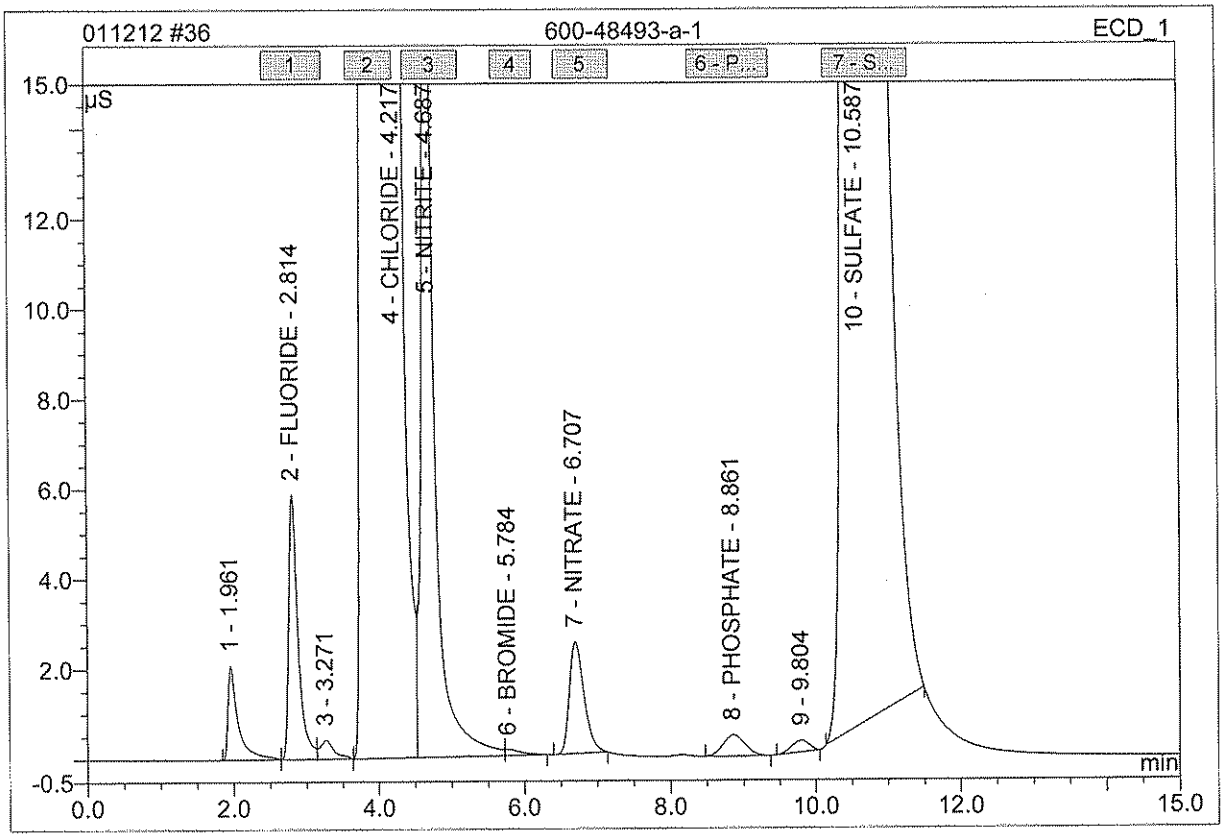
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 18:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

36 600-48493-a-1

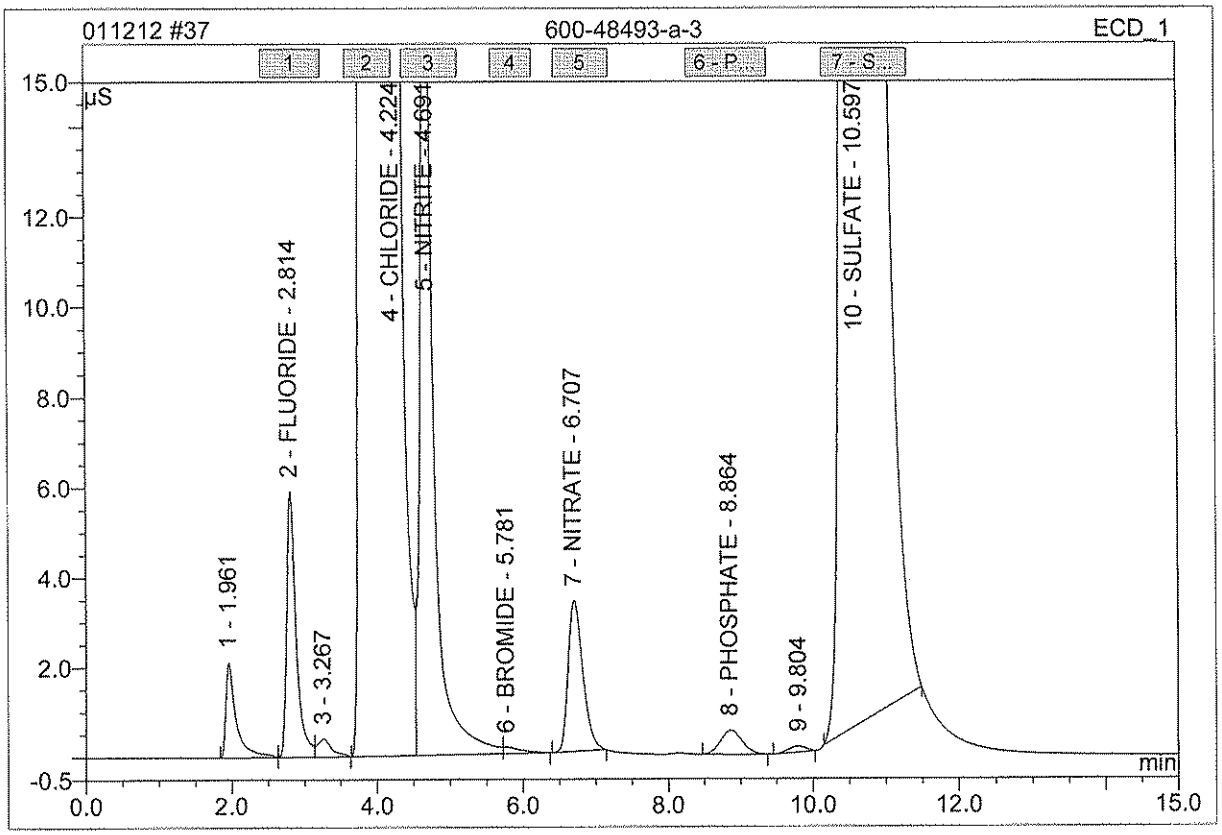
Sample Name:	**600-48493-a-1**	*Injection Volume:*	**10.0**
Vial Number:	**28**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 19:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	2.078	0.338	0.23	n.a.	BM
2	2.81	FLUORIDE	5.872	0.875	0.61	8.730	M
3	3.27	n.a.	0.417	0.096	0.07	n.a.	MB
4	4.22	CHLORIDE	305.795	92.003	63.81	1243.615	BM
5	4.69	NITRITE	20.935	4.002	2.78	25.554	M
6	5.78	BROMIDE	0.134	0.035	0.02	1.317	MB
7	6.71	NITRATE	2.476	0.580	0.40	3.925	BMB
8	8.86	PHOSPHATE	0.471	0.164	0.11	3.378	BMB
9	9.80	n.a.	0.258	0.074	0.05	n.a.	BMB
10	10.59	SULFATE	108.768	46.016	31.91	1005.615	BMB
Total:			447.205	144.182	100.00	2292.135	

37 600-48493-a-3

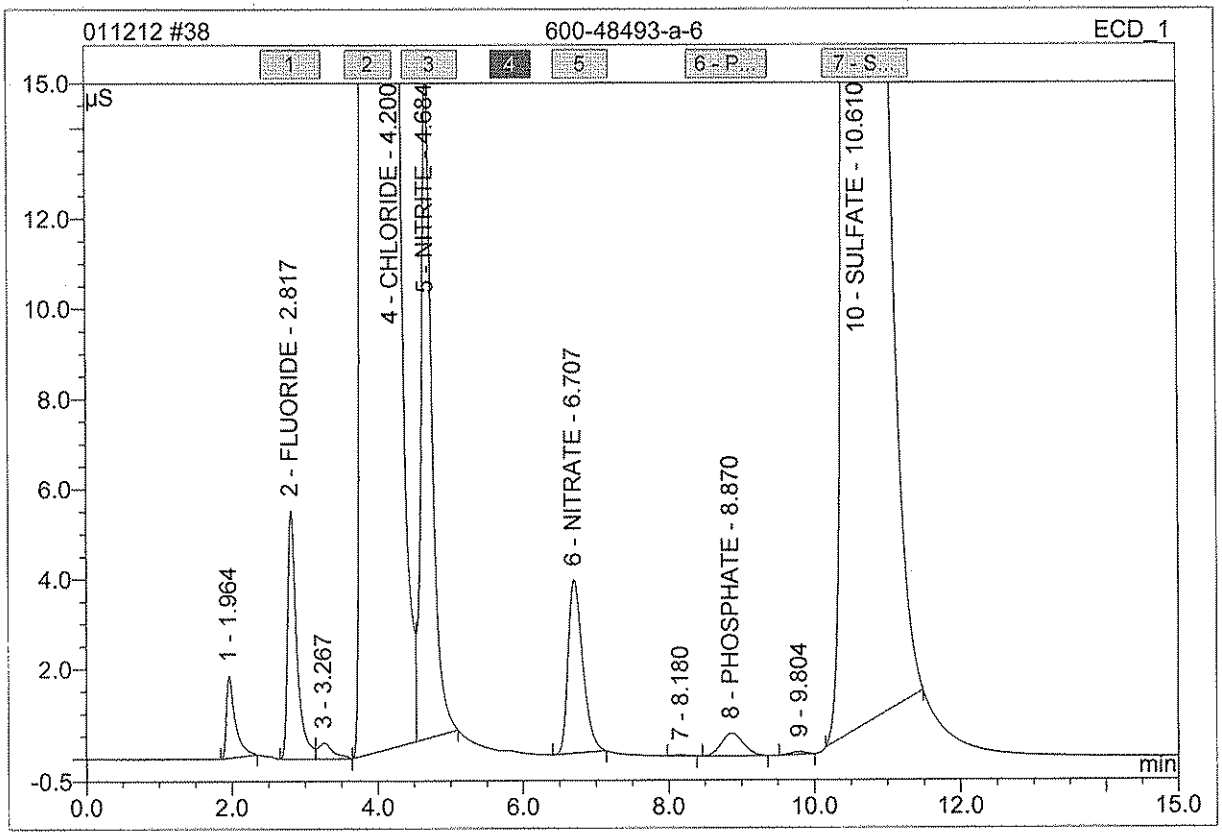
Sample Name:	**600-48493-a-3**	*Injection Volume:*	**10.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 19:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	2.120	0.346	0.24	n.a.	BM
2	2.81	FLUORIDE	5.912	0.886	0.61	8.837	M
3	3.27	n.a.	0.407	0.095	0.07	n.a.	MB
4	4.22	CHLORIDE	311.557	95.393	65.32	1289.423	BM
5	4.69	NITRITE	20.526	3.954	2.71	25.251	M
6	5.78	BROMIDE	0.145	0.042	0.03	1.577	MB
7	6.71	NITRATE	3.355	0.787	0.54	5.241	BMB
8	8.86	PHOSPHATE	0.533	0.187	0.13	3.810	BMB
9	9.80	n.a.	0.133	0.037	0.03	n.a.	BMB
10	10.60	SULFATE	105.371	44.320	30.35	968.560	BMB
Total:			450.060	146.047	100.00	2302.701	

38 600-48493-a-6

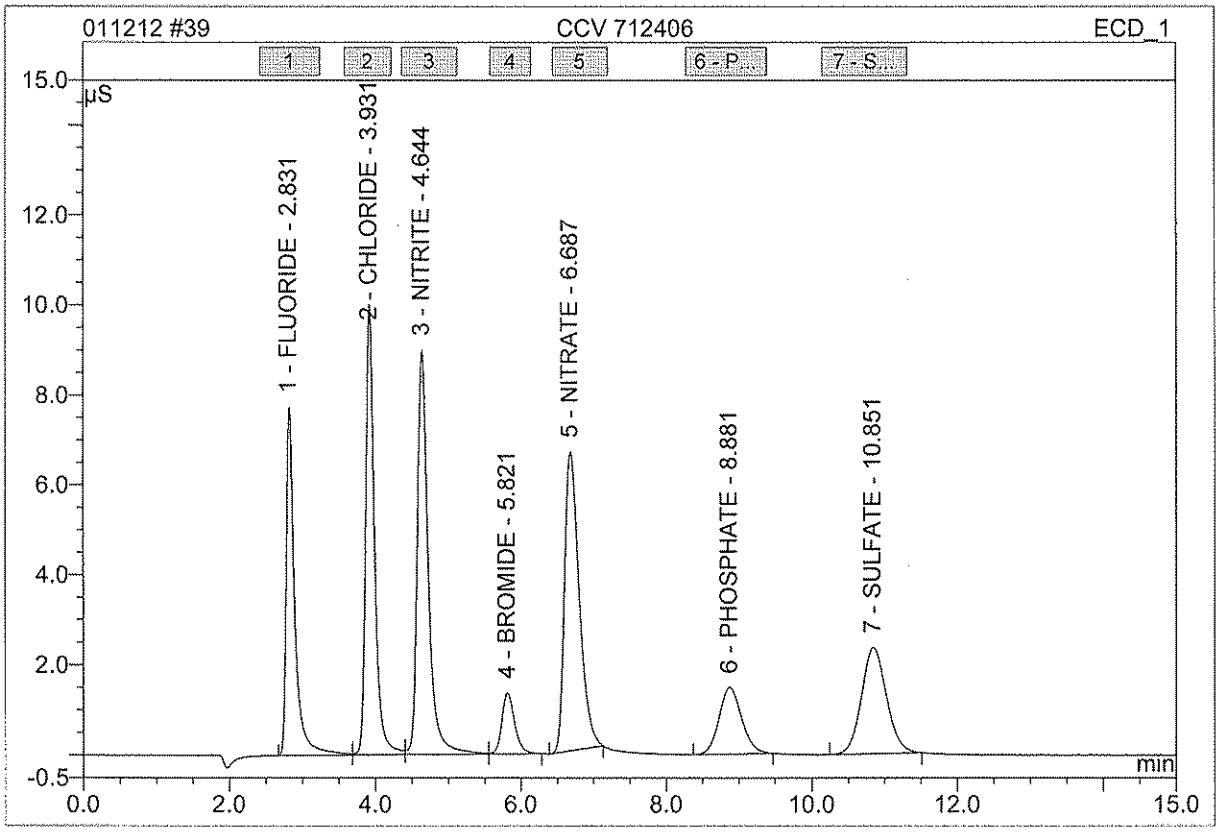
Sample Name:	**600-48493-a-6**	*Injection Volume:*	**10.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 19:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	1.828	0.260	0.20	n.a.	BMB
2	2.82	FLUORIDE	5.528	0.810	0.63	8.101	BM
3	3.27	n.a.	0.358	0.086	0.07	n.a.	MB
4	4.20	CHLORIDE	289.663	82.489	63.73	1115.094	BM
5	4.68	NITRITE	14.744	2.568	1.98	16.478	MB
6	6.71	NITRATE	3.851	0.904	0.70	5.980	BMB
7	8.18	n.a.	0.030	0.006	0.00	n.a.	BMB
8	8.87	PHOSPHATE	0.508	0.180	0.14	3.686	BMB
9	9.80	n.a.	0.065	0.016	0.01	n.a.	BMB
10	10.61	SULFATE	100.909	42.110	32.53	920.281	BMB
Total:			417.484	129.431	100.00	2069.620	

39 CCV 712406

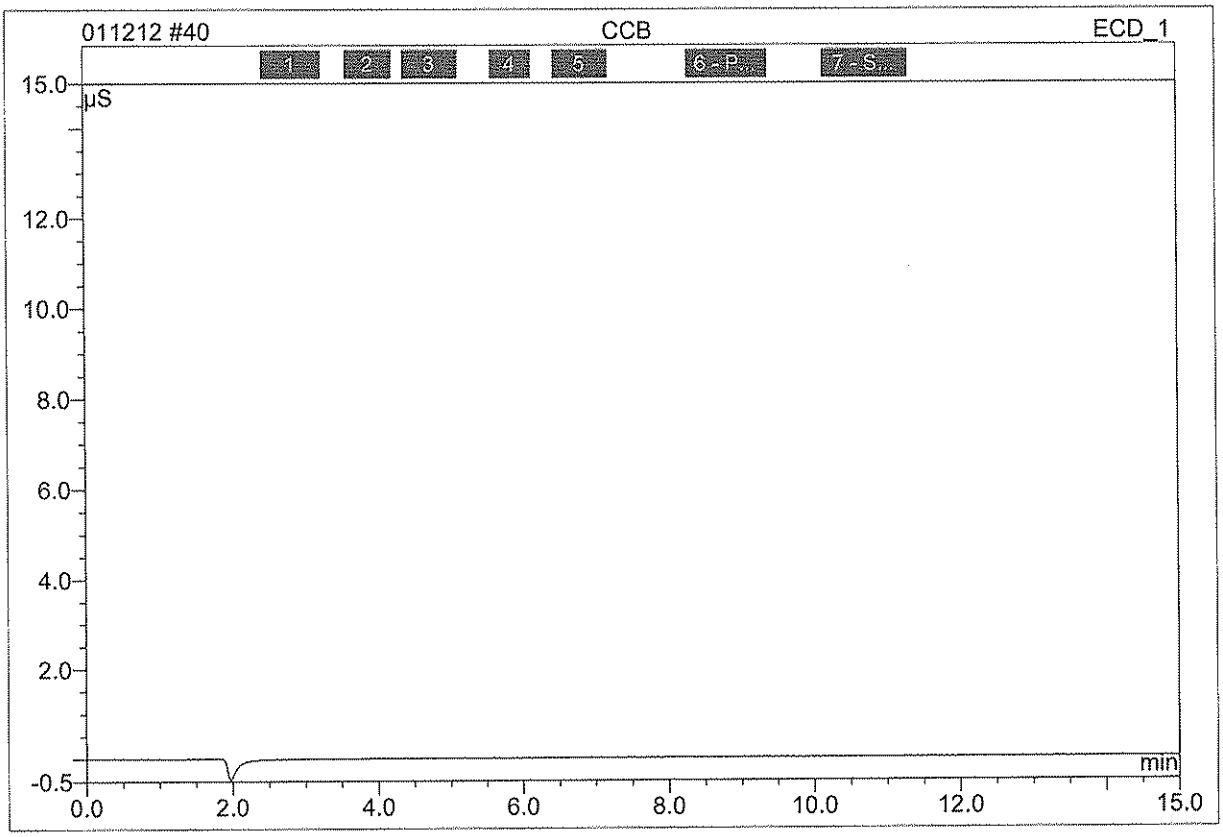
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**31**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 19:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.742	1.036	14.13	10.289	BM
2	3.93	CHLORIDE	10.016	1.411	19.25	19.772	M
3	4.64	NITRITE	8.984	1.579	21.53	10.213	M
4	5.82	BROMIDE	1.354	0.277	3.78	10.275	MB
5	6.69	NITRATE	6.636	1.561	21.30	10.158	BMB
6	8.88	PHOSPHATE	1.471	0.532	7.25	10.394	BMB
7	10.85	SULFATE	2.347	0.935	12.75	20.628	BMB
Total:			38.551	7.331	100.00	91.730	

40 CCB

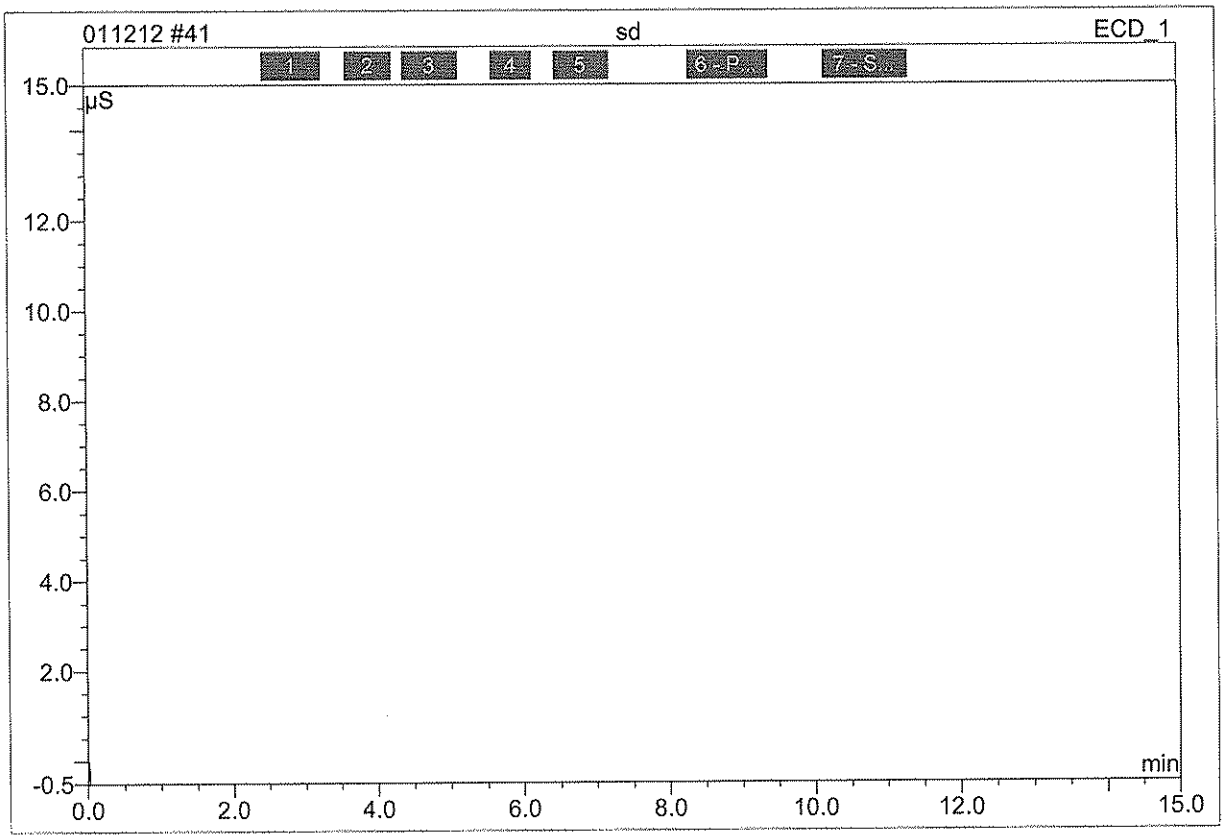
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 20:17**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

41 sd

Sample Name:	**sd**	*Injection Volume:*	**10.0**
Vial Number:	**33**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Shutdown**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 20:35**	*Sample Weight:*	**1.0000**
Run Time (min):	**1.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

DI leach Batch→ 69833
Batch→ 69903→ 9056·28D
69964→ 9056·48 HR

Sequence: 011112
Operator: Houston_Wetchem_inst
Printed: 1/11/2012 12:00:26 PM

MS-(723649) 0·25ml-9·5ml HPX

Title: Test
Datasource: HOUDH19WG91_local
Location: ICS2000
Timebase: ICS2000
#Samples: 48

Created: 1/11/2012 11:56:42 AM by Houston_Wetchem_inst
Last Update: 1/11/2012 12:00:17 PM by Houston_Wetchem_inst

1/12/12

No.	Name	Type	Pos.	Program	Method	Status	Inj. Date/Time
1	RINSE	Unknown	1	AS18 CC8	CALIBRATIONREG091411	Finished	
2	CAL1 651173	Standard	2	AS18 CC8	CALIBRATIONREG110411	Finished	
3	CAL2 651176	Standard	3	AS18 CC8	CALIBRATIONREG110411	Finished	
4	CAL3 651177	Standard	4	AS18 CC8	CALIBRATIONREG110411	Finished	
5	CAL4 651178	Standard	5	AS18 CC8	CALIBRATIONREG110411	Finished	
6	CAL5 651183	Standard	6	AS18 CC8	CALIBRATIONREG110411	Finished	
7	CAL6 651184	Standard	7	AS18 CC8	CALIBRATIONREG110411	Finished	
8	CAL7 651185	Standard	8	AS18 CC8	CALIBRATIONREG110411	Finished	
9	CAL8 651186	Standard	9	AS18 CC8	CALIBRATIONREG110411	Finished	
10	RINSE	Unknown	1	AS18 CC8	CALIBRATIONREG110411	Single	
11	ICV 650601	Unknown	2	AS18 CC8	CALIBRATIONREG110411	Single	
12	ICB	Unknown	3	AS18 CC8	CALIBRATIONREG110411	Single	
13	MB	Unknown	4	AS18 CC8	CALIBRATIONREG110411	Single	
14	LCS 650601	Unknown	5	AS18 CC8	CALIBRATIONREG110411	Single	
15	MB 763129	Unknown	6	AS18 CC8	CALIBRATIONREG110411	Single	
16	LCS 763130	Unknown	7	AS18 CC8	CALIBRATIONREG110411	Single	
17	600-48442-a-1-c	Unknown	8	AS18 CC8	CALIBRATIONREG110411	Single	
18	600-48442-a-2-c	Unknown	9	AS18 CC8	CALIBRATIONREG110411	Single	
19	600-48442-a-3-c	Unknown	10	AS18 CC8	CALIBRATIONREG110411	Single	
20	600-48442-a-3-c	Unknown	11	AS18 CC8	CALIBRATIONREG110411	Single	
21	600-48442-a-4-c	Unknown	12	AS18 CC8	CALIBRATIONREG110411	Single	
22	600-48442-a-5-c	Unknown	13	AS18 CC8	CALIBRATIONREG110411	Single	
23	CCV 650457	Unknown	14	AS18 CC8	CALIBRATIONREG110411	Single	
24	CCB	Unknown	15	AS18 CC8	CALIBRATIONREG110411	Single	
25	600-48442-a-6-b	Unknown	16	AS18 CC8	CALIBRATIONREG110411	Single	
26	600-48442-a-7-b	Unknown	17	AS18 CC8	CALIBRATIONREG110411	Single	
27	600-48442-a-8-b	Unknown	18	AS18 CC8	CALIBRATIONREG110411	Single	
28	600-48442-a-8-c du	Unknown	19	AS18 CC8	CALIBRATIONREG110411	Single	
29	600-48442-a-8-d ms	Unknown	20	AS18 CC8	CALIBRATIONREG110411	Single	
30	600-48442-a-9-b	Unknown	21	AS18 CC8	CALIBRATIONREG110411	Single	
31	600-48442-a-10-b	Unknown	22	AS18 CC8	CALIBRATIONREG110411	Single	
32	600-48442-a-11-f	Unknown	23	AS18 CC8	CALIBRATIONREG110411	Single	
33	600-48442-a-11-G MS	Unknown	24	AS18 CC8	CALIBRATIONREG110411	Single	
34	600-48442-a-11-h msd	Unknown	25	AS18 CC8	CALIBRATIONREG110411	Single	
35	CCV 650457	Unknown	26	AS18 CC8	CALIBRATIONREG110411	Single	
36	CCB	Unknown	27	AS18 CC8	CALIBRATIONREG110411	Single	
37	600-48565-b-1-a	Unknown	28	AS18 CC8	CALIBRATIONREG110411	Single	
38	600-48565-b-2-a	Unknown	29	AS18 CC8	CALIBRATIONREG110411	Single	
39	600-48565-b-3-a	Unknown	30	AS18 CC8	CALIBRATIONREG110411	Single	
40	600-48565-b-4-a	Unknown	31	AS18 CC8	CALIBRATIONREG110411	Single	
41	600-48565-b-5-a	Unknown	32	AS18 CC8	CALIBRATIONREG110411	Single	
42	600-48380-b-1-b	Unknown	33	AS18 CC8	CALIBRATIONREG110411	Single	

SCANNED

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Title: Test
Datasource: HOUDH19WG91_local
Location: ICS2000
Timebase: ICS2000
#Samples: 48
Created: 1/11/2012 11:56:42 AM by Houston_Wetchem_inst
Last Update: 1/11/2012 12:00:17 PM by Houston_Wetchem_inst

No.	Name	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
1	RINSE	1.0000	1.0000	1.0000		01	
2	CAL1 651173	1.0000	1.0000	1.0000		01	
3	CAL2 651176	1.0000	1.0000	1.0000		01	
4	CAL3 651177	1.0000	1.0000	1.0000		01	
5	CAL4 651178	1.0000	1.0000	1.0000		01	
6	CAL5 651183	1.0000	1.0000	1.0000		01	
7	CAL6 651184	1.0000	1.0000	1.0000		01	
8	CAL7 651185	1.0000	1.0000	1.0000		01	
9	CAL8 651186	1.0000	1.0000	1.0000		01	
10	RINSE	1.0000	1.0000	1.0000		01	
11	ICV 650601	1.0000	1.0000	1.0000		01	
12	ICB	1.0000	1.0000	1.0000		01	
13	MB	1.0000	1.0000	1.0000		01	
14	LCS 650601	1.0000	1.0000	1.0000		01	
15	MB 763129	1.0000	1.0000	1.0000		01	
16	LCS 763130	1.0000	1.0000	1.0000		01	
17	600-48442-a-1-c	1.0000	1.0000	1.0000		01	
18	600-48442-a-2-c	1.0000	1.0000	1.0000		01	
19	600-48442-a-3-c	1.0000	1.0000	1.0000		01	
20	600-48442-a-3-c	10.0000	10.0000	1.0000		01	
21	600-48442-a-4-c	1.0000	1.0000	1.0000		01	
22	600-48442-a-5-c	1.0000	1.0000	1.0000		01	
23	CCV 650457	1.0000	1.0000	1.0000		01	
24	CCB	1.0000	1.0000	1.0000		01	
25	600-48442-a-6-b	1.0000	1.0000	1.0000		01	
26	600-48442-a-7-b	1.0000	1.0000	1.0000		01	
27	600-48442-a-8-b	1.0000	1.0000	1.0000		01	
28	600-48442-a-8-c du	1.0000	1.0000	1.0000		01	
29	600-48442-a-8-d ms	1.0000	1.0000	1.0000		01	
30	600-48442-a-9-b	1.0000	1.0000	1.0000		01	
31	600-48442-a-10-b	1.0000	1.0000	1.0000		01	
32	600-48442-a-11-f	1.0000	1.0000	1.0000		01	
33	600-48442-a-11-G MS	1.0000	1.0000	1.0000		01	
34	600-48442-a-11-h msd	1.0000	1.0000	1.0000		01	
35	CCV 650457	1.0000	1.0000	1.0000		01	
36	CCB	1.0000	1.0000	1.0000		01	
37	600-48565-b-1-a	1.0000	1.0000	1.0000		01	
38	600-48565-b-2-a	1.0000	1.0000	1.0000		01	
39	600-48565-b-3-a	1.0000	1.0000	1.0000		01	
40	600-48565-b-4-a	1.0000	1.0000	1.0000		01	
41	600-48565-b-5-a	1.0000	1.0000	1.0000		01	
42	600-48380-b-1-b	10.0000	10.0000	1.0000		01	

Title: Test
Datasource: HOUDH19WG91_local
Location: ICS2000
Timebase: ICS2000 Created: 1/11/2012 11:56:42 AM by Houston_Wetchem_inst
#Samples: 48 Last Update: 1/11/2012 12:00:17 PM by Houston_Wetchem_inst

No.	Name	Type	Pos.	Program	Method	Status	Inj. Date/Time
43	600-48380-b-1-b	Unknown	34	AS18 CC8	CALIBRATIONREG110411	Single	
44	600-48380-b-2-a	Unknown	35	AS18 CC8	CALIBRATIONREG110411	Single	
45	600-48440-a-6-a	Unknown	36	AS18 CC8	CALIBRATIONREG110411	Single	
46	CCV 650457	Unknown	37	AS18 CC8	CALIBRATIONREG110411	Single	
47	CCB	Unknown	38	AS18 CC8	CALIBRATIONREG110411	Single	
48	SHUTDOWN	Unknown	39	shutdownsys	CALIBRATIONREG110411	Single	

Title: Test
Datasource: HOUDH19WG91_local
Location: ICS2000
Timebase: ICS2000
#Samples: 48
Created: 1/11/2012 11:56:42 AM by Houston_Wetchem_inst
Last Update: 1/11/2012 12:00:17 PM by Houston_Wetchem_inst

No.	Name	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
43	600-48380-b-1-b	100.0000	100.0000	1.0000		01	
44	600-48380-b-2-a	10.0000	10.0000	1.0000		01	
45	600-48440-a-6-a	20.0000	20.0000	1.0000		01	
46	CCV 650457	1.0000	1.0000	1.0000		01	
47	CCB	1.0000	1.0000	1.0000		01	
48	SHUTDOWN	1.0000	1.0000	1.0000		01	

1 RINSE

Sample Name:	**RINSE**	*Injection Volume:*	**20.0**
Injection Number:	**1**	*Channel:*	**n.a.**
Sample Type:	**unknown**	*Pressure:*	**n.a.**
Control Program:	**AS18 CC8**	*Total Conductivity:*	**n.a.**
Quantif. Method:	**CALIBRATIONREG091411**	**Dilution Factor:**	**1.0000**
Recording Time:	**n.a.**	**Sample Weight:**	**1.0000**
Run Time (min):	**n.a.**	Sample Amount:	**1.0000**

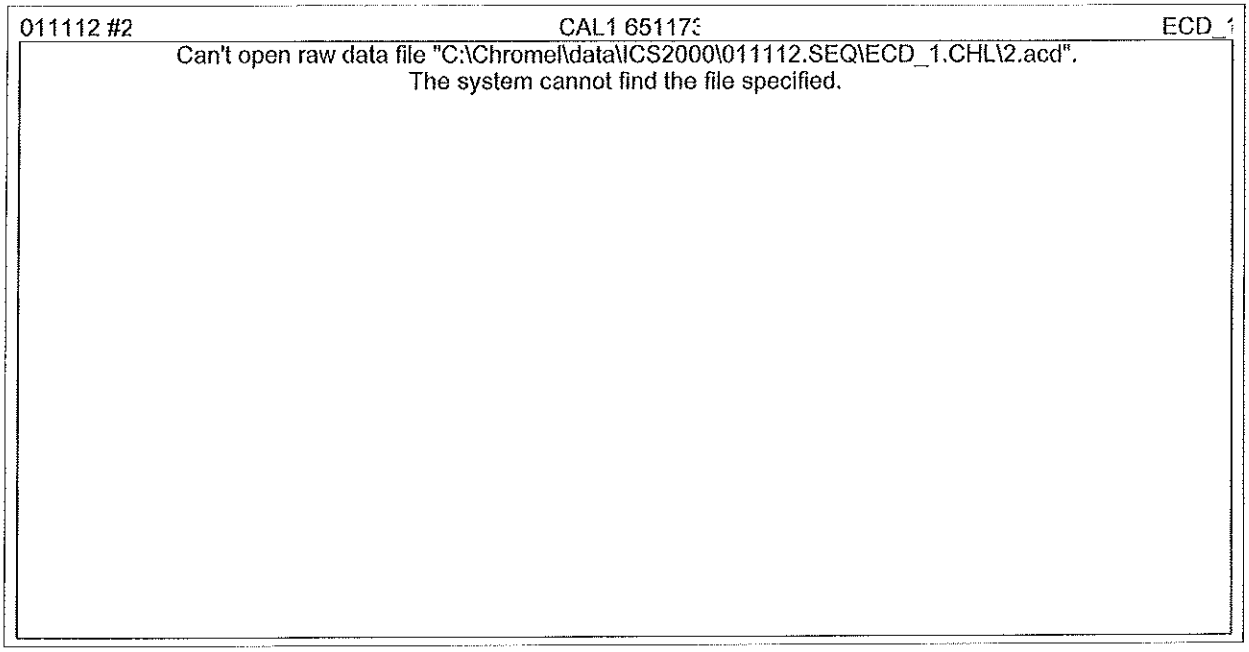
011112 #1 RINSE ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\1.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

2 CAL1 651173

Sample Name:	CAL1 651173	*Injection Volume:*	20.0
Injection Number:	2	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000



n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

3 CAL2 651176

Sample Name:	CAL2 651176	*Injection Volume:*	20.0
Injection Number:	3	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #3 CAL2 65117(ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\3.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

4 CAL3 651177

Sample Name:	CAL3 651177	*Injection Volume:*	20.0
Injection Number:	4	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #4 CAL3 651177 ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\4.acd".
The system cannot find the file specified.

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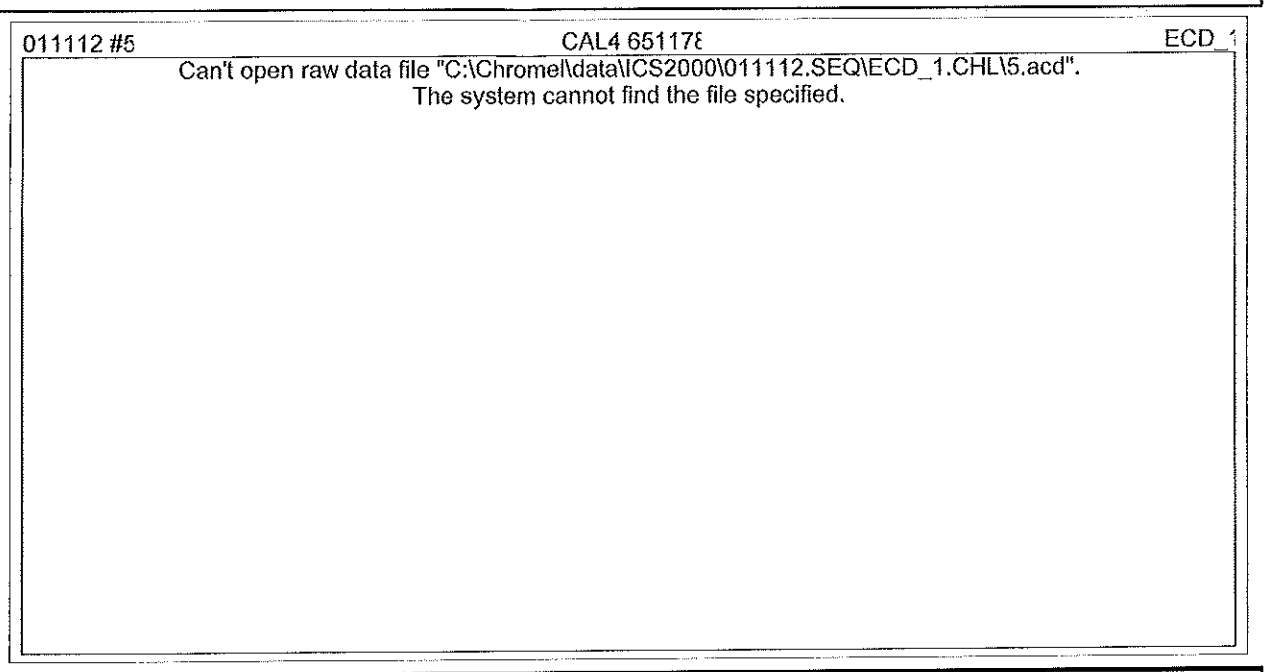
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

5 CAL4 651178

Sample Name:	CAL4 651178	*Injection Volume:*	20.0
Injection Number:	5	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000



n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

6 CAL5 651183

Sample Name:	CAL5 651183	*Injection Volume:*	20.0
Injection Number:	6	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #6 CAL5 651183 ECD_1

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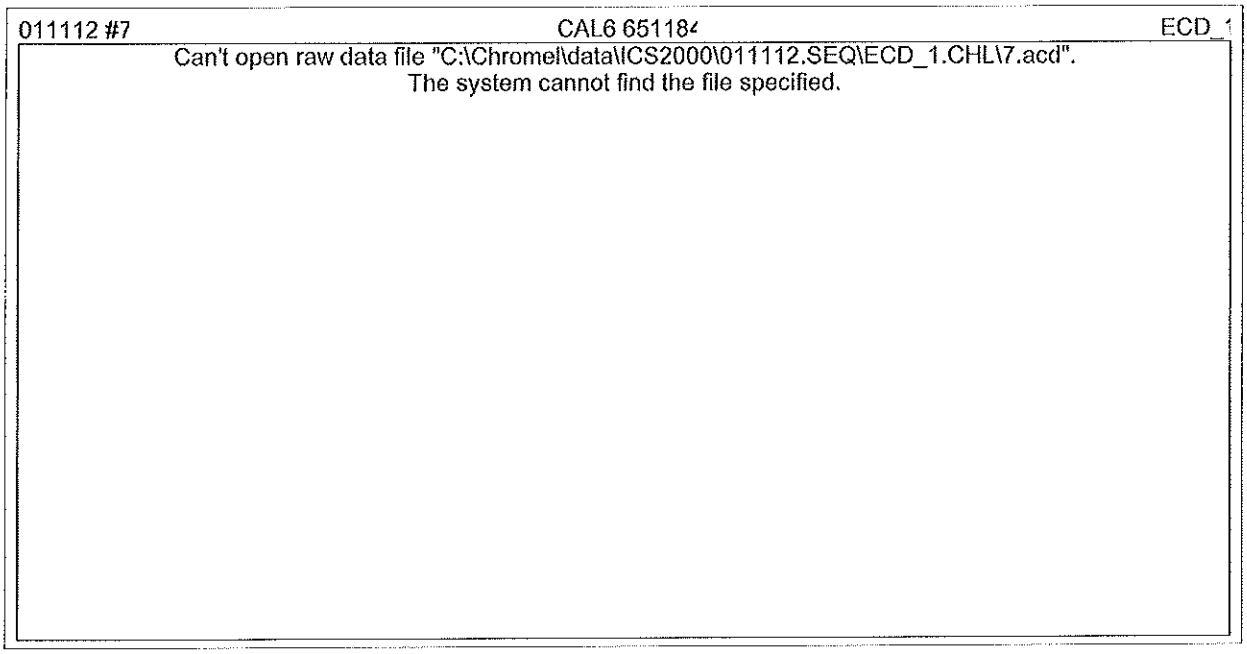
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

7 CAL6 651184

Sample Name:	CAL6 651184	*Injection Volume:*	20.0
Injection Number:	7	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000



n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

8 CAL7 651185

Sample Name:	CAL7 651185	*Injection Volume:*	20.0
Injection Number:	8	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #8 CAL7 65118 ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\8.acd".
The system cannot find the file specified.

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	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

9 CAL8 651186

Sample Name:	CAL8 651186	*Injection Volume:*	20.0
Injection Number:	9	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #9 CAL8 65118(ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\9.acd".
The system cannot find the file specified.

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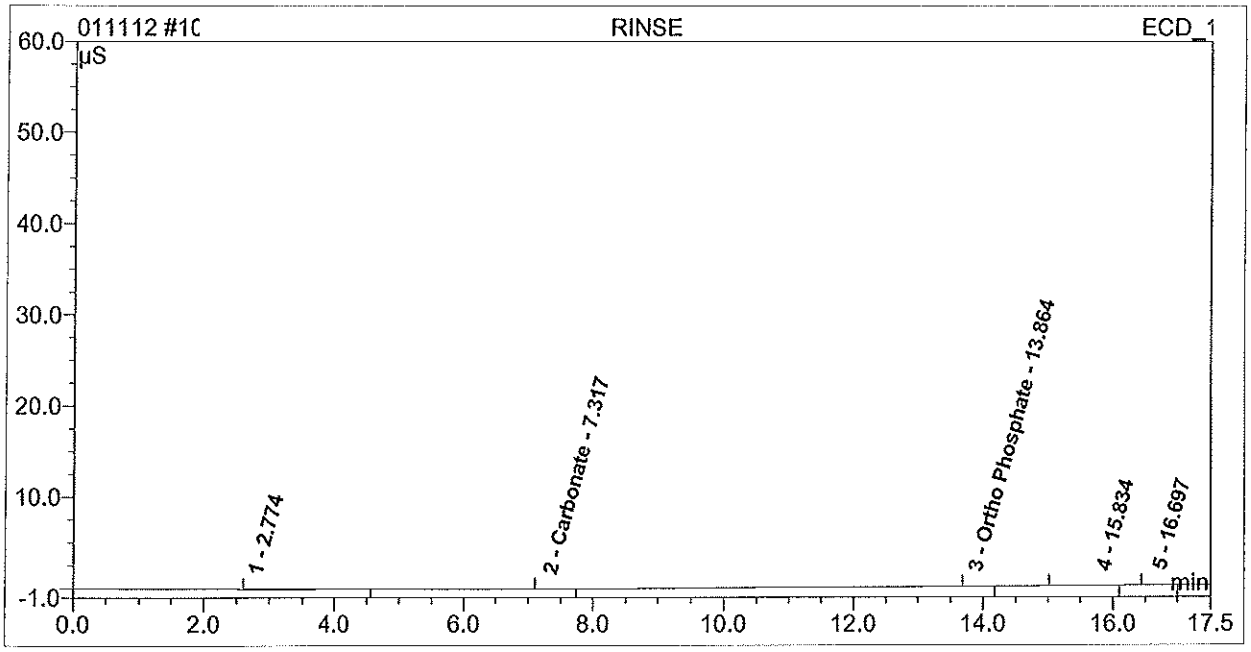
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

10 RINSE

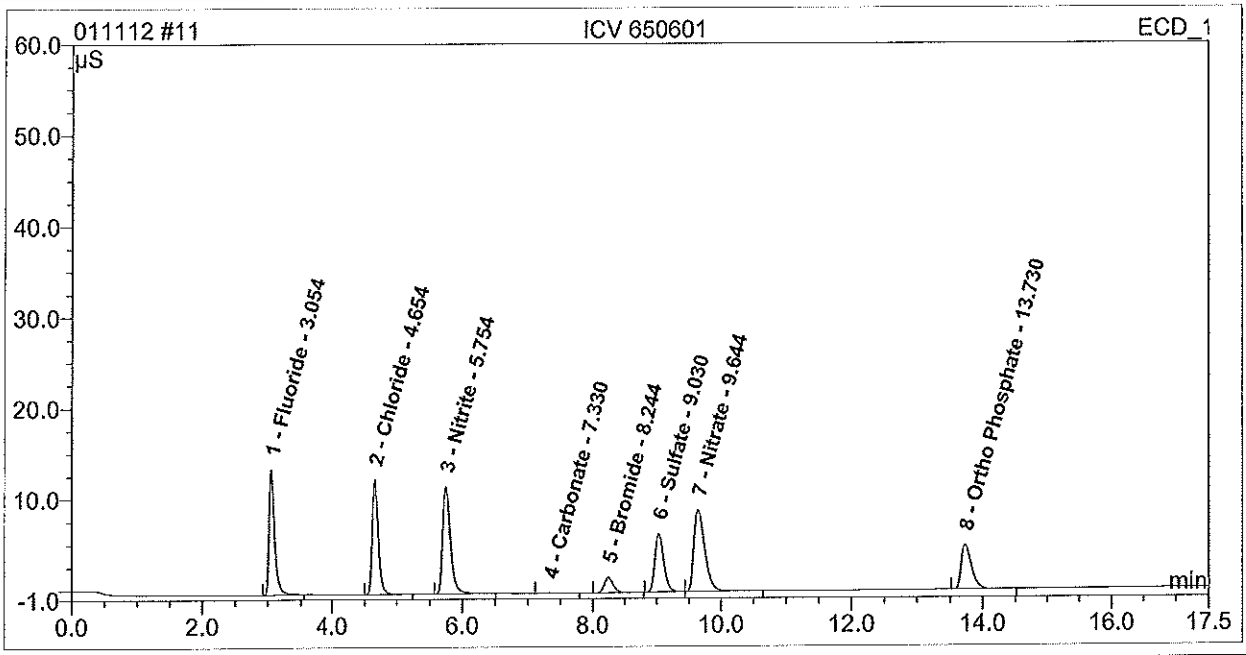
Sample Name:	RINSE	*Injection Volume:*	20.0
Injection Number:	10	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1817.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.012
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 12:12	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	7.32	Carbonate	0.040	0.008	11.73	n.a.	1.0000
3	13.86	Ortho Phosphate	0.029	0.006	7.96	-0.203	1.0000
Total:			0.070	0.014	19.69	-0.203	

11 ICV 650601

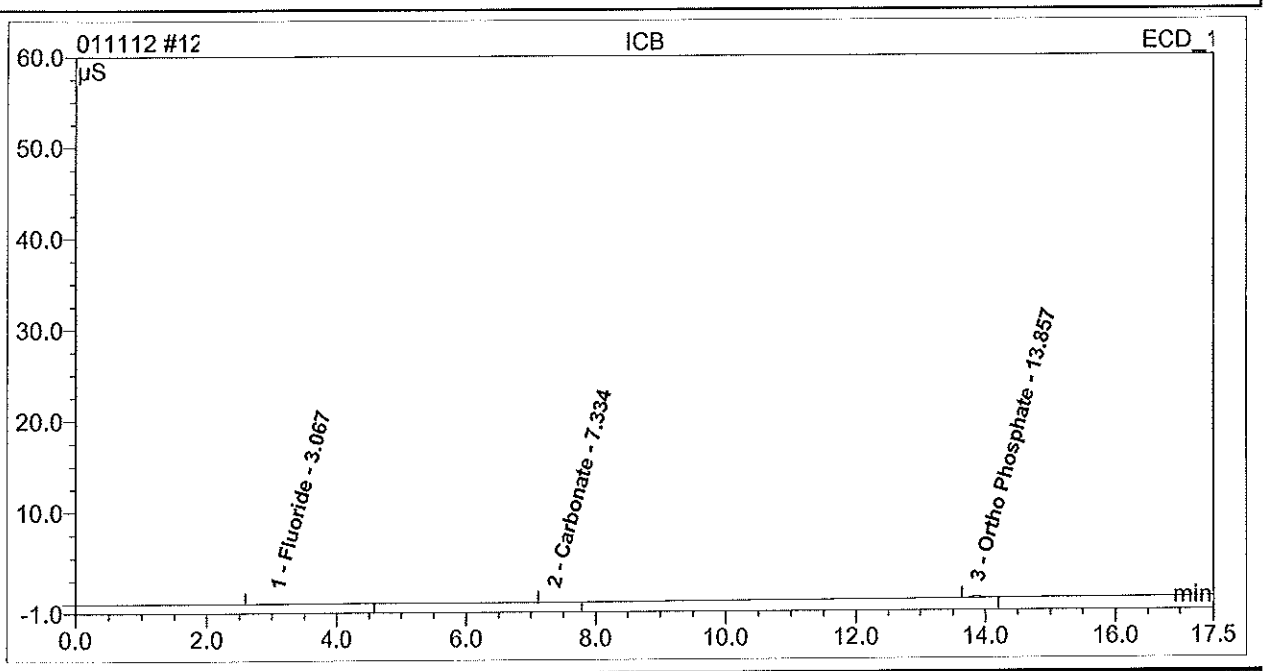
Sample Name:	ICV 650601	*Injection Volume:*	20.0
Injection Number:	11	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1816.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.264
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 13:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	13.749	1.332	15.75	11.798	1.0000
2	4.65	Chloride	12.635	1.426	16.86	20.282	1.0000
3	5.75	Nitrite	11.766	1.688	19.96	10.692	1.0000
4	7.33	Carbonate	0.053	0.011	0.13	n.a.	1.0000
5	8.24	Bromide	1.665	0.277	3.28	8.896	1.0000
6	9.03	Sulfate	6.374	1.041	12.31	20.570	1.0000
7	9.64	Nitrate	8.943	1.789	21.15	9.426	1.0000
8	13.73	Ortho Phosphate	4.867	0.893	10.55	10.730	1.0000
Total:			60.051	8.458	100.00	92.394	

12 ICB

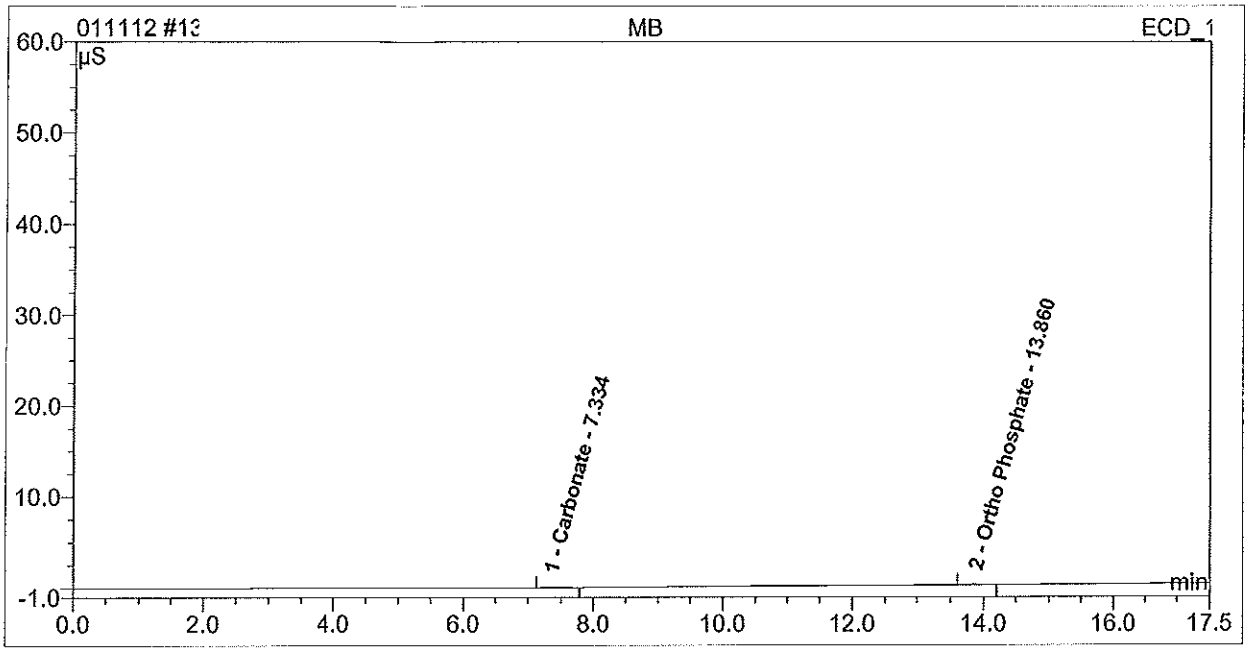
Sample Name:	ICB	*Injection Volume:*	20.0
Injection Number:	12	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1809.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.226
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 13:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.07	Fluoride	0.071	0.061	57.15	0.560	1.0000
2	7.33	Carbonate	0.042	0.009	8.32	n.a.	1.0000
3	13.86	Ortho Phosphate	0.194	0.037	34.53	0.179	1.0000
Total:			0.307	0.106	100.00	0.739	

13 MB

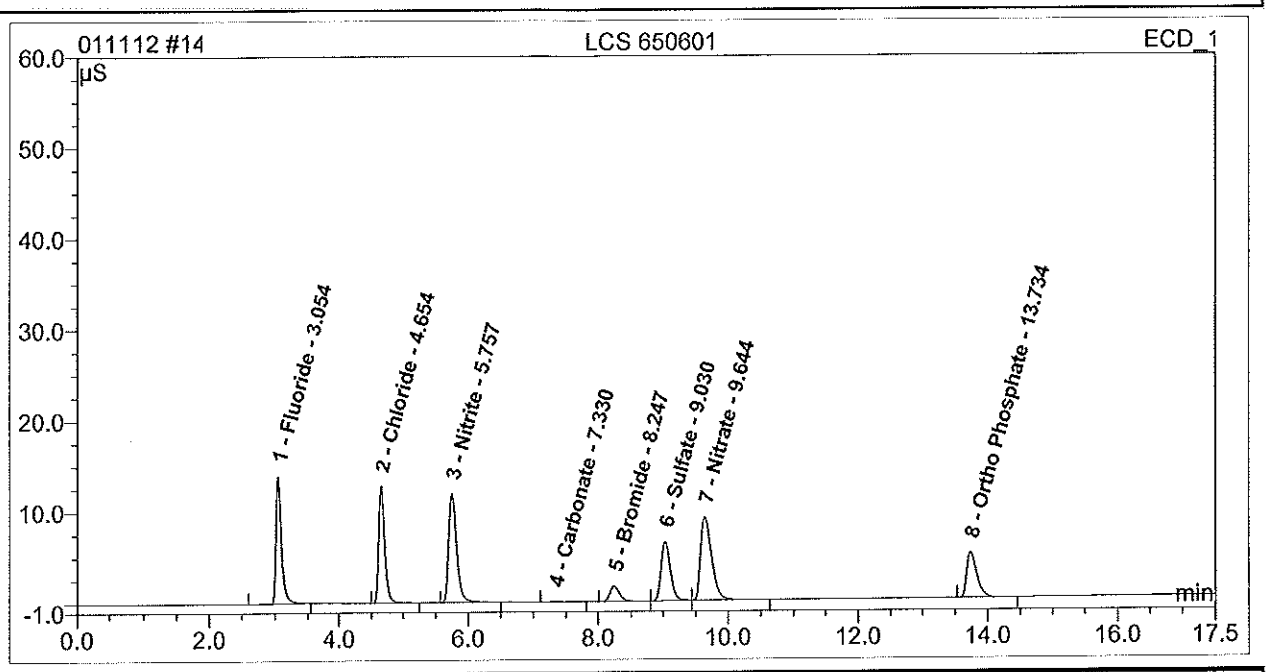
Sample Name:	MB	*Injection Volume:*	20.0
Injection Number:	13	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1809.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 13:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	7.33	Carbonate	0.044	0.009	37.14	n.a.	1.0000
2	13.86	Ortho Phosphate	0.080	0.016	62.86	-0.080	1.0000
Total:			0.124	0.025	100.00	-0.080	

14 LCS 650601

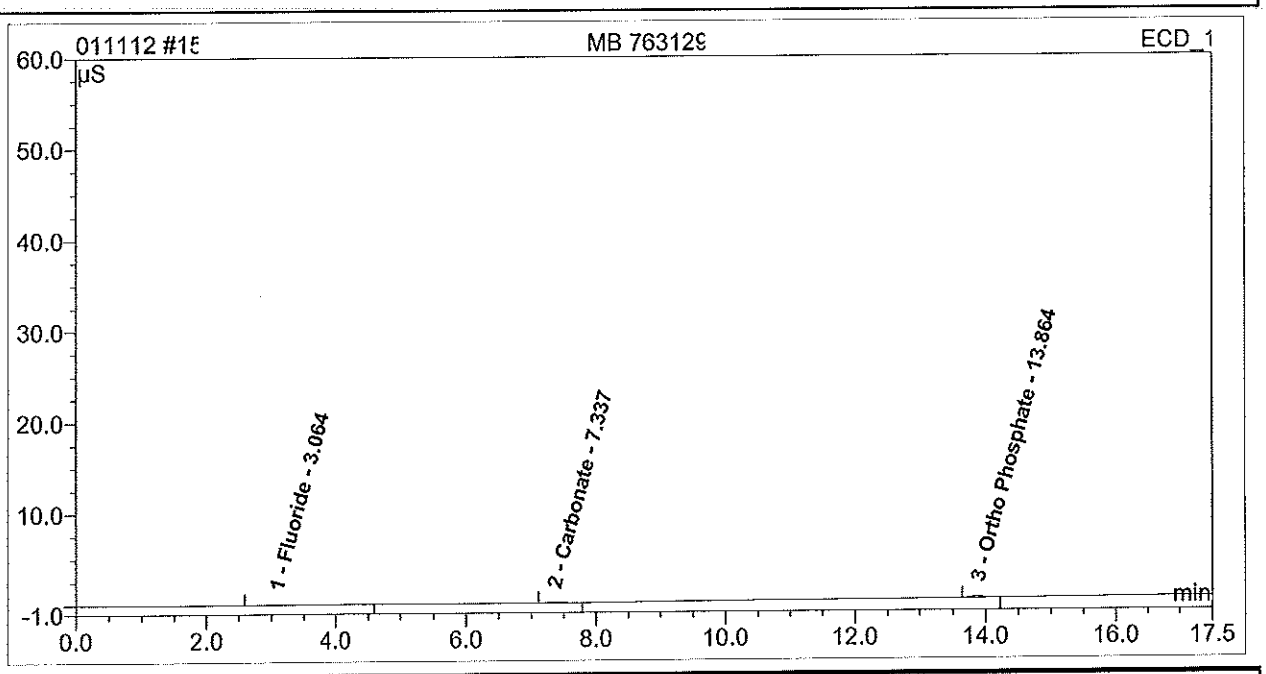
Sample Name:	LCS 650601	*Injection Volume:*	20.0
Injection Number:	14	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1810.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 14:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	13.951	1.350	15.74	11.949	1.0000
2	4.65	Chloride	12.788	1.445	16.86	20.562	1.0000
3	5.76	Nitrite	11.935	1.715	20.01	10.862	1.0000
4	7.33	Carbonate	0.051	0.011	0.12	n.a.	1.0000
5	8.25	Bromide	1.689	0.281	3.28	9.018	1.0000
6	9.03	Sulfate	6.475	1.057	12.33	20.878	1.0000
7	9.64	Nitrate	9.067	1.813	21.16	9.553	1.0000
8	13.73	Ortho Phosphate	4.925	0.900	10.50	10.818	1.0000
Total:			60.880	8.572	100.00	93.641	

15 MB 763129

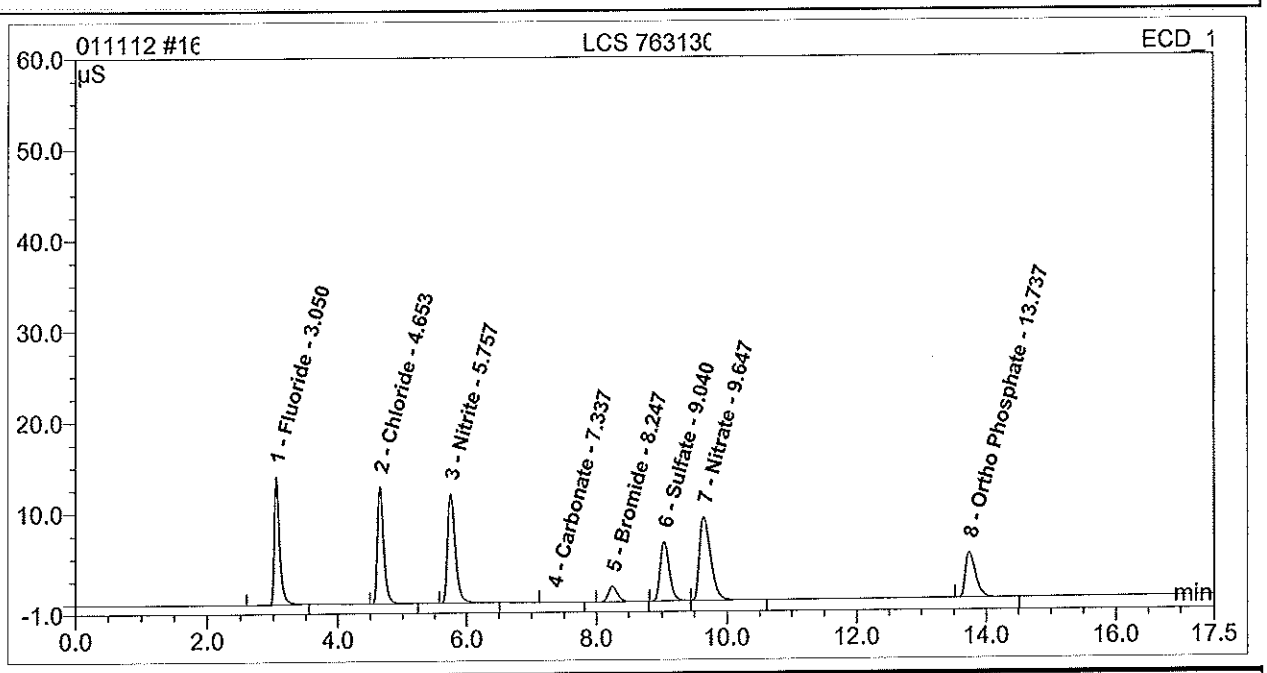
Sample Name:	MB 763129	*Injection Volume:*	20.0
Injection Number:	15	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1810.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 14:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.06	Fluoride	0.070	0.059	55.91	0.546	1.0000
2	7.34	Carbonate	0.045	0.009	8.78	n.a.	1.0000
3	13.86	Ortho Phosphate	0.197	0.037	35.31	0.188	1.0000
Total:			0.311	0.106	100.00	0.734	

16 LCS 763130

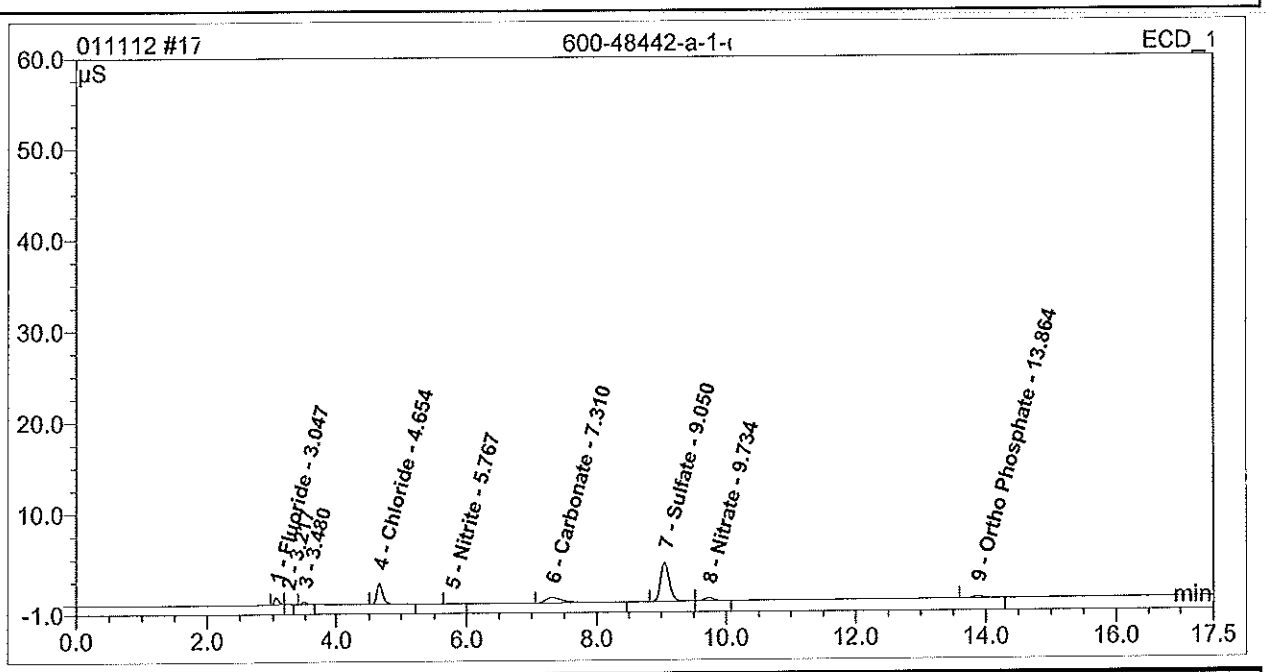
Sample Name:	LCS 763130	*Injection Volume:*	20.0
Injection Number:	16	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1808.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 14:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	13.983	1.353	15.72	11.975	1.0000
2	4.65	Chloride	12.846	1.450	16.86	20.630	1.0000
3	5.76	Nitrite	11.987	1.723	20.03	10.912	1.0000
4	7.34	Carbonate	0.050	0.010	0.12	n.a.	1.0000
5	8.25	Bromide	1.697	0.282	3.28	9.065	1.0000
6	9.04	Sulfate	6.490	1.060	12.32	20.934	1.0000
7	9.65	Nitrate	9.108	1.822	21.18	9.597	1.0000
8	13.74	Ortho Phosphate	4.944	0.903	10.50	10.858	1.0000
Total:			61.105	8.604	100.00	93.972	

17 600-48442-a-1-c

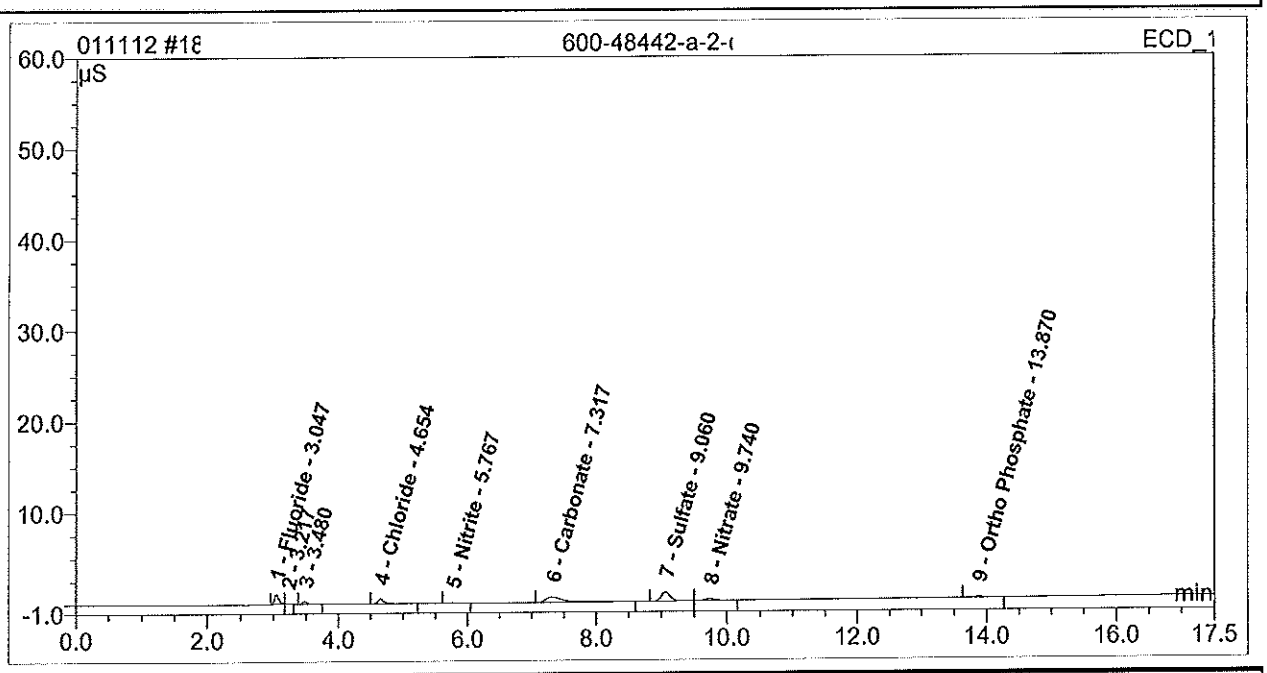
Sample Name:	600-48442-a-1-c	*Injection Volume:*	20.0
Injection Number:	17	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1808.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.226
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 15:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.760	0.061	4.58	0.561	1.0000
4	4.65	Chloride	2.267	0.250	18.87	3.549	1.0000
5	5.77	Nitrite	0.028	0.003	0.26	0.017	1.0000
6	7.31	Carbonate	0.606	0.195	14.74	n.a.	1.0000
7	9.05	Sulfate	4.269	0.685	51.68	13.573	1.0000
8	9.73	Nitrate	0.343	0.059	4.43	0.471	1.0000
9	13.86	Ortho Phosphate	0.231	0.044	3.29	0.266	1.0000
Total:			8.504	1.297	97.87	18.439	

18 600-48442-a-2-c

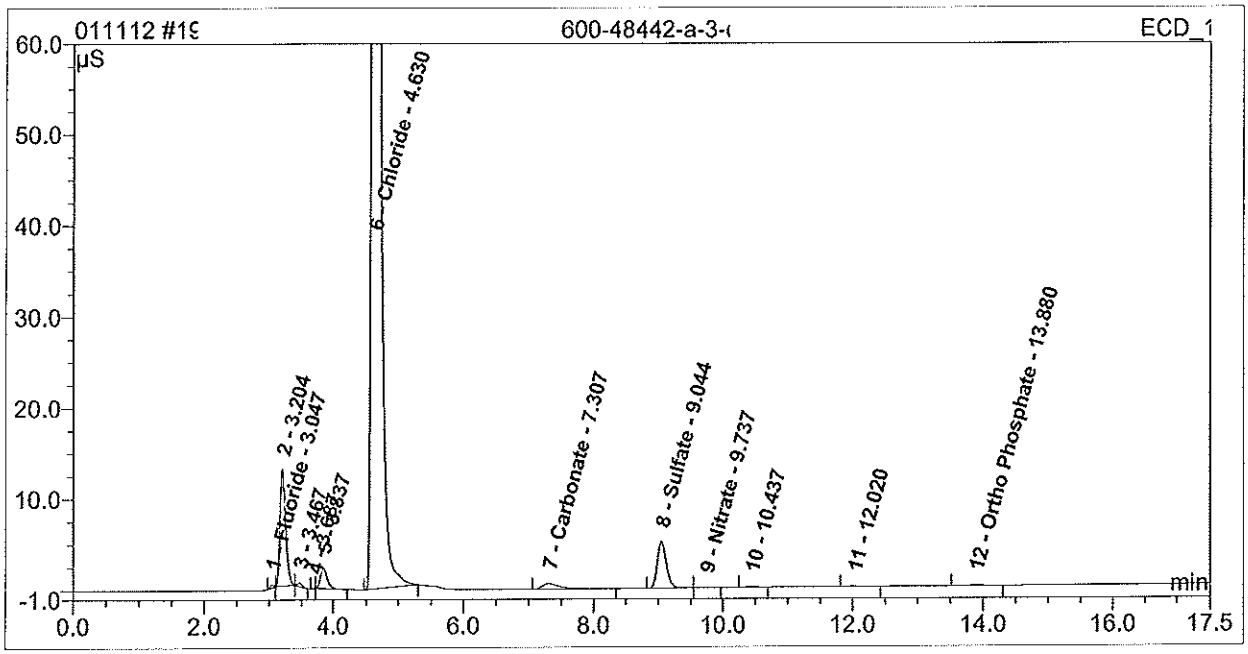
Sample Name:	600-48442-a-2-c	*Injection Volume:*	20.0
Injection Number:	18	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1810.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 15:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	1.031	0.081	14.16	0.743	1.0000
4	4.65	Chloride	0.508	0.057	10.01	0.806	1.0000
5	5.77	Nitrite	0.051	0.007	1.18	0.038	1.0000
6	7.32	Carbonate	0.581	0.187	32.63	n.a.	1.0000
7	9.06	Sulfate	1.012	0.160	27.92	3.265	1.0000
8	9.74	Nitrate	0.175	0.031	5.34	0.326	1.0000
9	13.87	Ortho Phosphate	0.119	0.022	3.92	0.005	1.0000
Total:			3.477	0.546	95.17	5.183	

19 600-48442-a-3-c

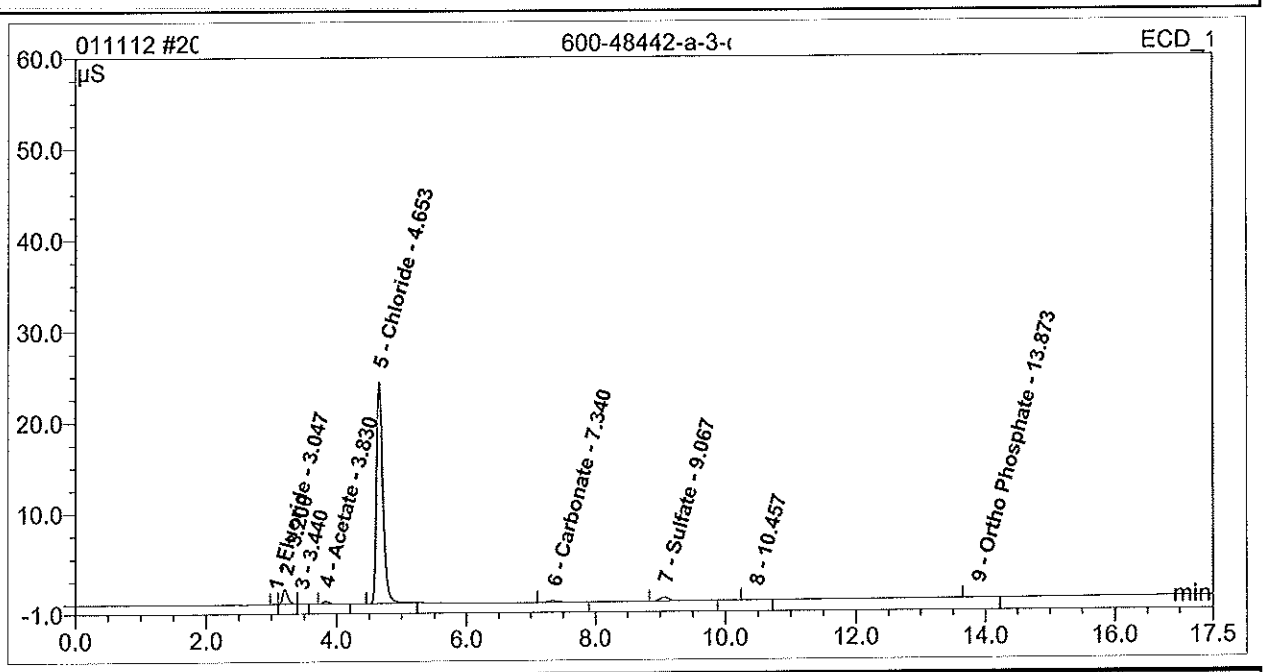
Sample Name:	600-48442-a-3-c	*Injection Volume:*	20.0
Injection Number:	19	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1813.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.216
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 15:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.354	0.021	0.07	0.214	1.0000
6	4.63	Chloride	213.744	26.421	90.66	376.072	1.0000
7	7.31	Carbonate	0.611	0.199	0.68	n.a.	1.0000
8	9.04	Sulfate	5.083	0.825	2.83	16.316	1.0000
9	9.74	Nitrate	0.052	0.008	0.03	0.211	1.0000
12	13.88	Ortho Phosphate	0.082	0.017	0.06	-0.057	1.0000
Total:			219.925	27.492	94.33	392.756	

20 600-48442-a-3-c

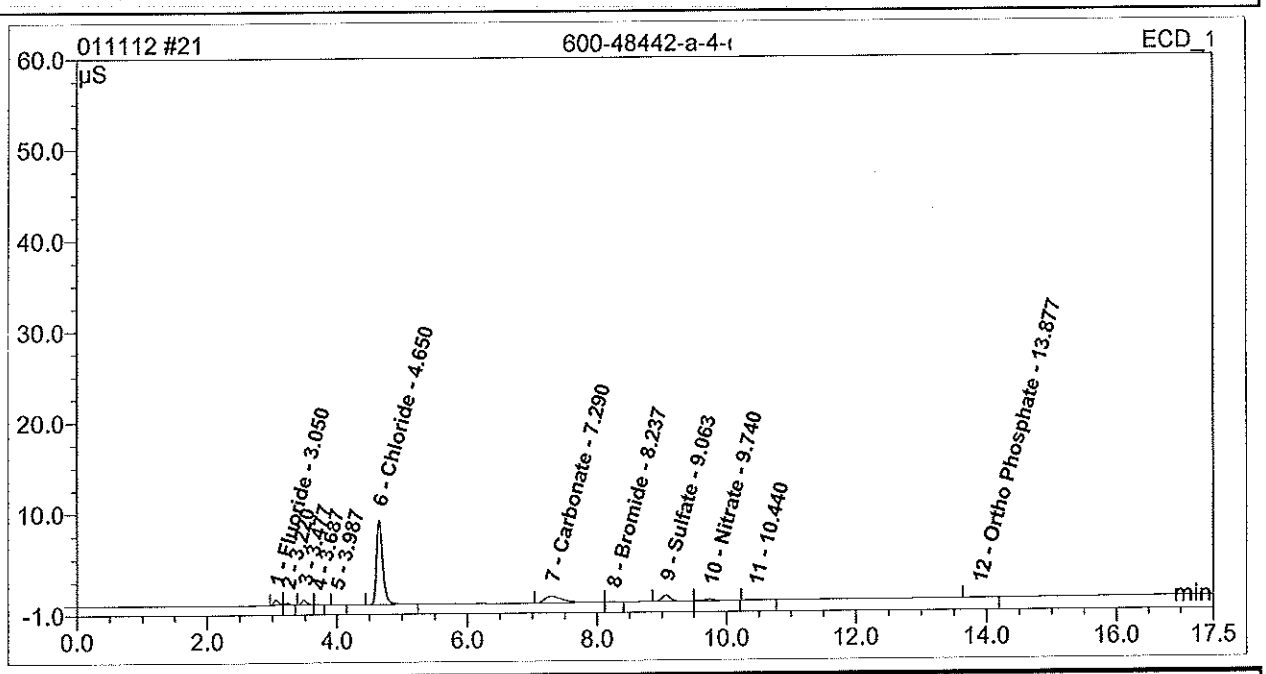
Sample Name:	600-48442-a-3-c	*Injection Volume:*	20.0
Injection Number:	20	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1813.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.224
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	10.0000
Recording Time:	1/11/2012 16:06	**Sample Weight:**	10.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.035	0.002	0.07	0.043	10.0000
4	3.83	Acetate	0.277	0.033	1.06	n.a.	10.0000
5	4.65	Chloride	24.337	2.799	89.81	39.833	10.0000
6	7.34	Carbonate	0.182	0.045	1.45	n.a.	10.0000
7	9.07	Sulfate	0.425	0.073	2.35	1.555	10.0000
9	13.87	Ortho Phosphate	0.066	0.013	0.41	-0.114	10.0000
Total:			25.323	2.965	95.15	41.317	

21 600-48442-a-4-c

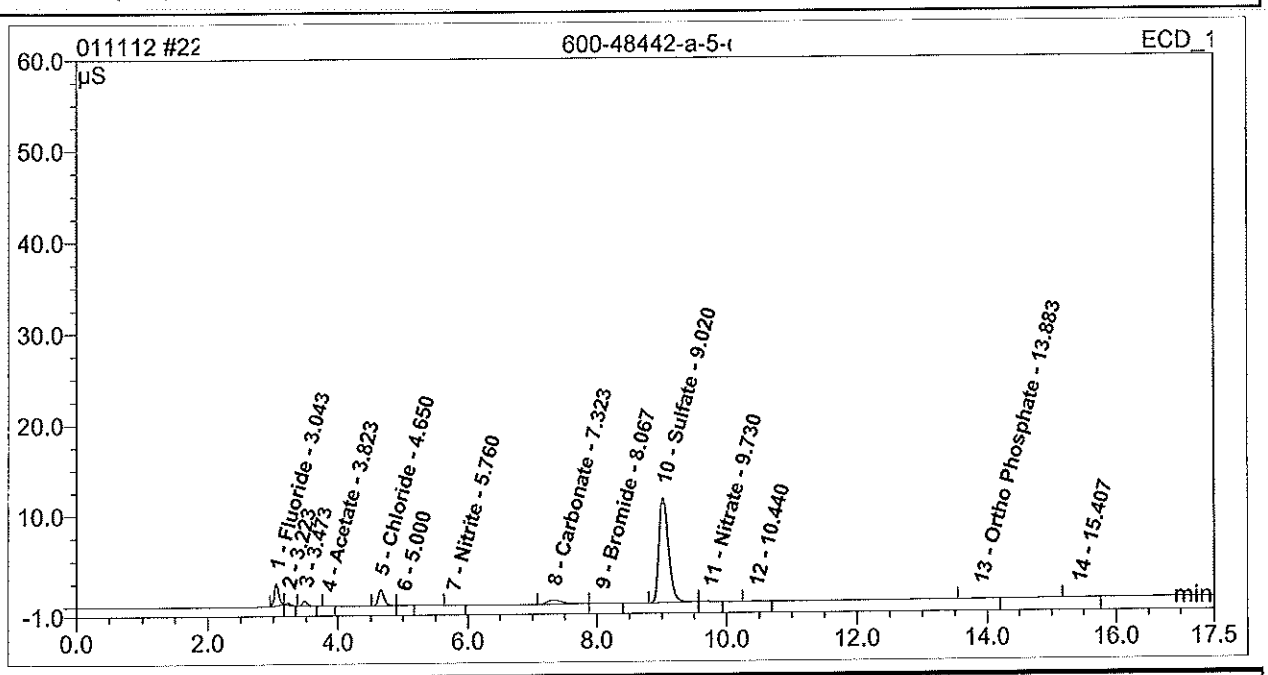
Sample Name:	600-48442-a-4-c	*Injection Volume:*	20.0
Injection Number:	21	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1813.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.224
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 16:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.519	0.043	2.82	0.408	1.0000
6	4.65	Chloride	9.187	1.035	67.28	14.719	1.0000
7	7.29	Carbonate	0.726	0.238	15.46	n.a.	1.0000
8	8.24	Bromide	0.010	0.002	0.10	0.133	1.0000
9	9.06	Sulfate	0.673	0.108	6.99	2.231	1.0000
10	9.74	Nitrate	0.179	0.032	2.06	0.332	1.0000
12	13.88	Ortho Phosphate	0.048	0.009	0.60	-0.158	1.0000
Total:			11.343	1.466	95.32	17.664	

22 600-48442-a-5-c

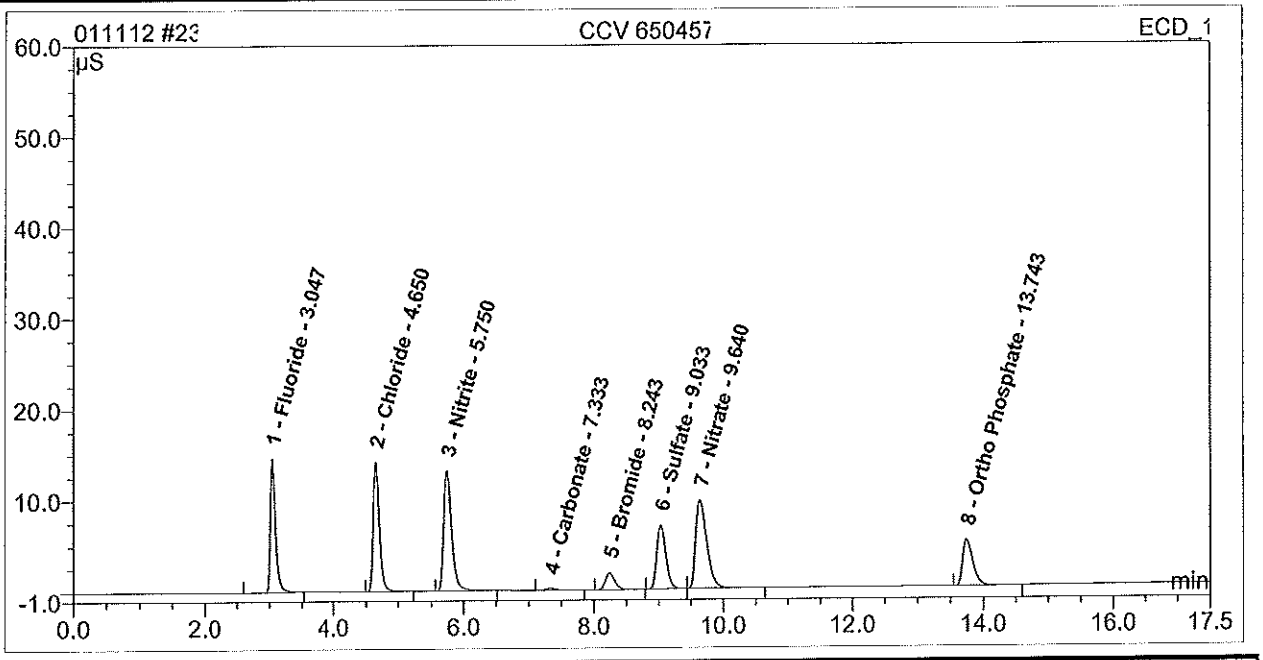
Sample Name:	600-48442-a-5-c	*Injection Volume:*	20.0
Injection Number:	22	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1815.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.221
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 16:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.04	Fluoride	2.412	0.190	7.28	1.700	1.0000
4	3.82	Acetate	0.020	0.002	0.07	n.a.	1.0000
5	4.65	Chloride	1.756	0.189	7.25	2.674	1.0000
7	5.76	Nitrite	0.014	0.002	0.06	0.006	1.0000
8	7.32	Carbonate	0.468	0.131	5.04	n.a.	1.0000
9	8.07	Bromide	0.025	0.006	0.23	0.276	1.0000
10	9.02	Sulfate	11.498	1.977	75.93	38.947	1.0000
11	9.73	Nitrate	0.076	0.012	0.46	0.230	1.0000
13	13.88	Ortho Phosphate	0.036	0.007	0.29	-0.180	1.0000
Total:			16.305	2.516	96.62	43.651	

23 CCV 650457

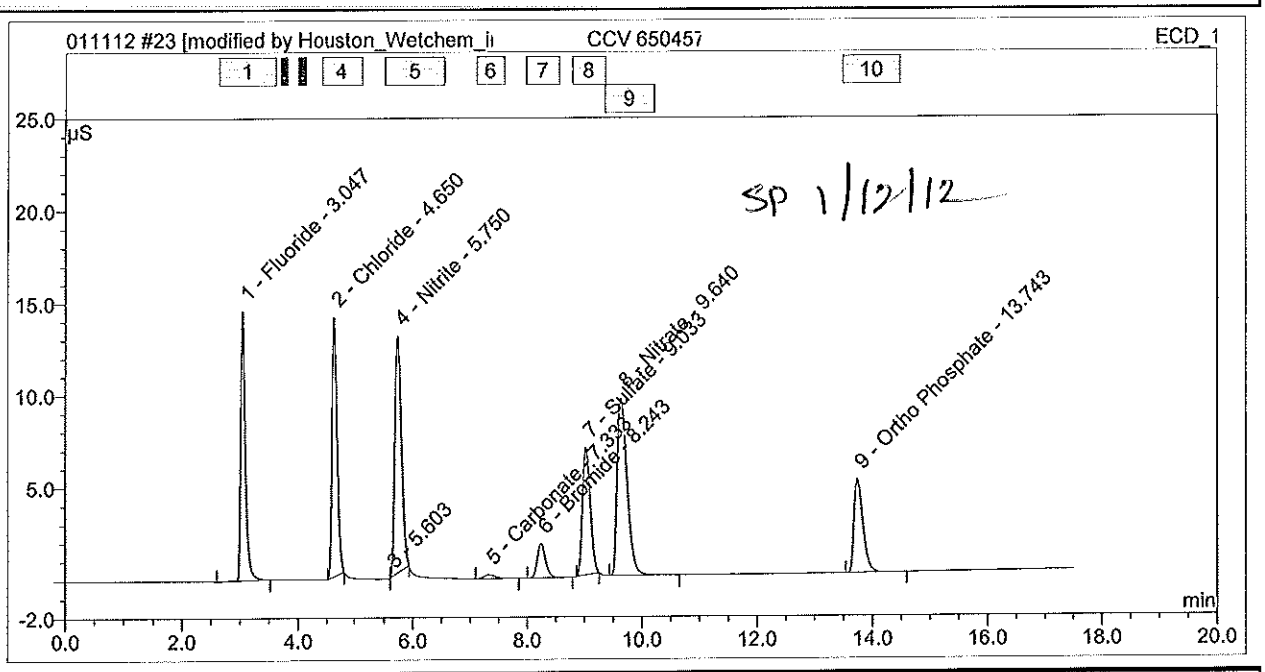
Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	23	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1817.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	Dilution Factor:	1.0000
Recording Time:	1/11/2012 17:06	Sample Weight:	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.602	1.376	14.87	12.183	1.0000
2	4.65	Chloride	14.223	1.611	17.42	22.926	1.0000
3	5.75	Nitrite	13.184	1.914	20.68	12.119	1.0000
4	7.33	Carbonate	0.211	0.051	0.55	n.a.	1.0000
5	8.24	Bromide	1.845	0.307	3.32	9.841	1.0000
6	9.03	Sulfate	6.973	1.141	12.33	22.526	1.0000
7	9.64	Nitrate	9.610	1.942	20.99	10.220	1.0000
8	13.74	Ortho Phosphate	5.029	0.911	9.85	10.956	1.0000
Total:			65.678	9.253	100.00	100.772	

23 CCV 650457

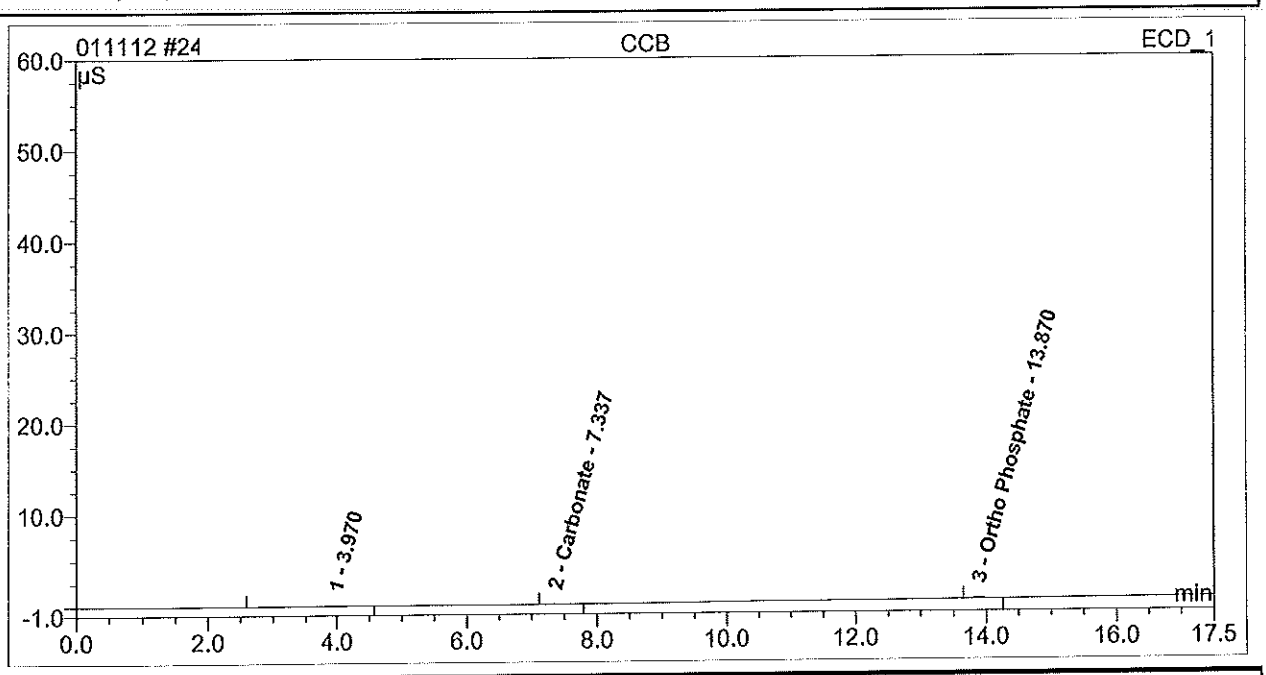
Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	23	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1817.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 17:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.602	1.376	15.44	12.183	1.0000
2	4.65	Chloride	14.050	1.519	17.05	21.614	1.0000
4	5.75	Nitrite	12.838	1.719	19.29	10.883	1.0000
5	7.33	Carbonate	0.211	0.051	0.57	n.a.	1.0000
6	8.24	Bromide	1.845	0.307	3.44	9.841	1.0000
7	9.03	Sulfate	6.866	1.085	12.18	21.437	1.0000
8	9.64	Nitrate	9.610	1.942	21.80	10.220	1.0000
9	13.74	Ortho Phosphate	5.029	0.911	10.22	10.956	1.0000
Total:			65.052	8.910	100.00	97.134	

24 CCB

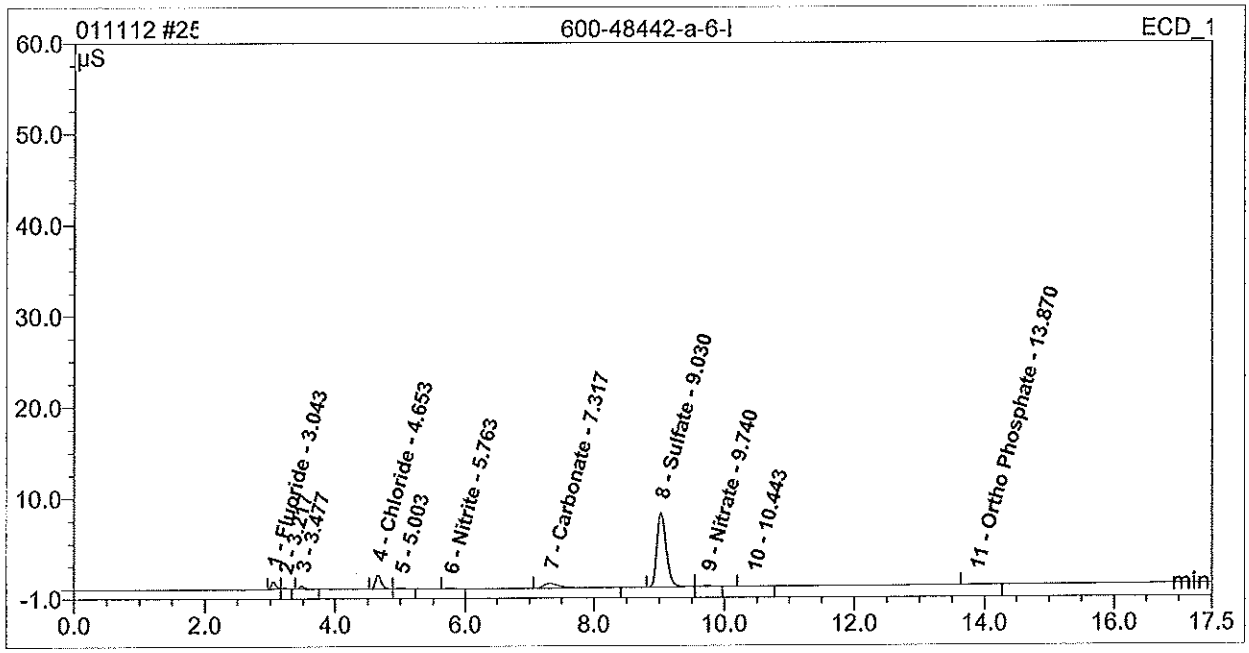
Sample Name:	CCB	*Injection Volume:*	20.0
Injection Number:	24	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1816.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 17:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	7.34	Carbonate	0.048	0.010	10.18	n.a.	1.0000
3	13.87	Ortho Phosphate	0.153	0.029	30.04	0.088	1.0000
Total:			0.201	0.039	40.22	0.088	

25 600-48442-a-6-b

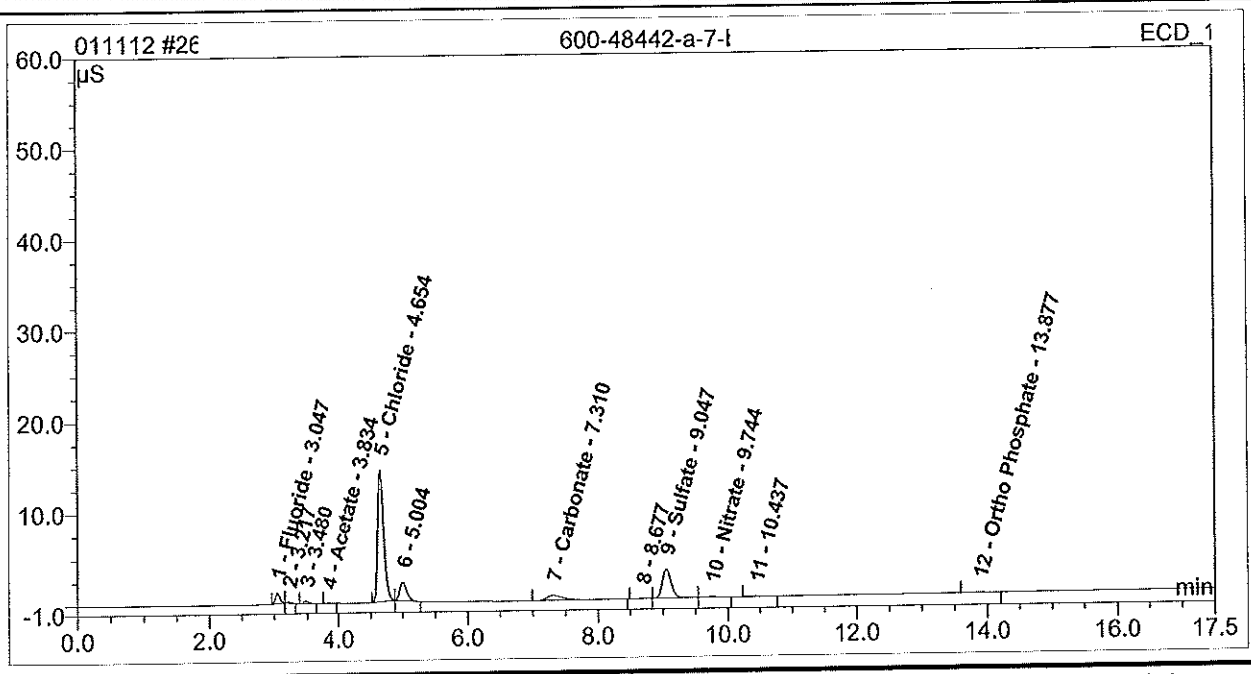
Sample Name:	600-48442-a-6-b	*Injection Volume:*	20.0
Injection Number:	25	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1816.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.219
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 17:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.04	Fluoride	0.805	0.062	3.39	0.573	1.0000
4	4.65	Chloride	1.500	0.160	8.75	2.273	1.0000
6	5.76	Nitrite	0.029	0.004	0.20	0.018	1.0000
7	7.32	Carbonate	0.522	0.161	8.77	n.a.	1.0000
8	9.03	Sulfate	8.181	1.365	74.43	26.935	1.0000
9	9.74	Nitrate	0.096	0.016	0.85	0.249	1.0000
11	13.87	Ortho Phosphate	0.071	0.014	0.74	-0.104	1.0000
Total:			11.203	1.782	97.13	29.944	

26 600-48442-a-7-b

Sample Name:	600-48442-a-7-b	*Injection Volume:*	20.0
Injection Number:	26	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1820.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.218
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 18:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

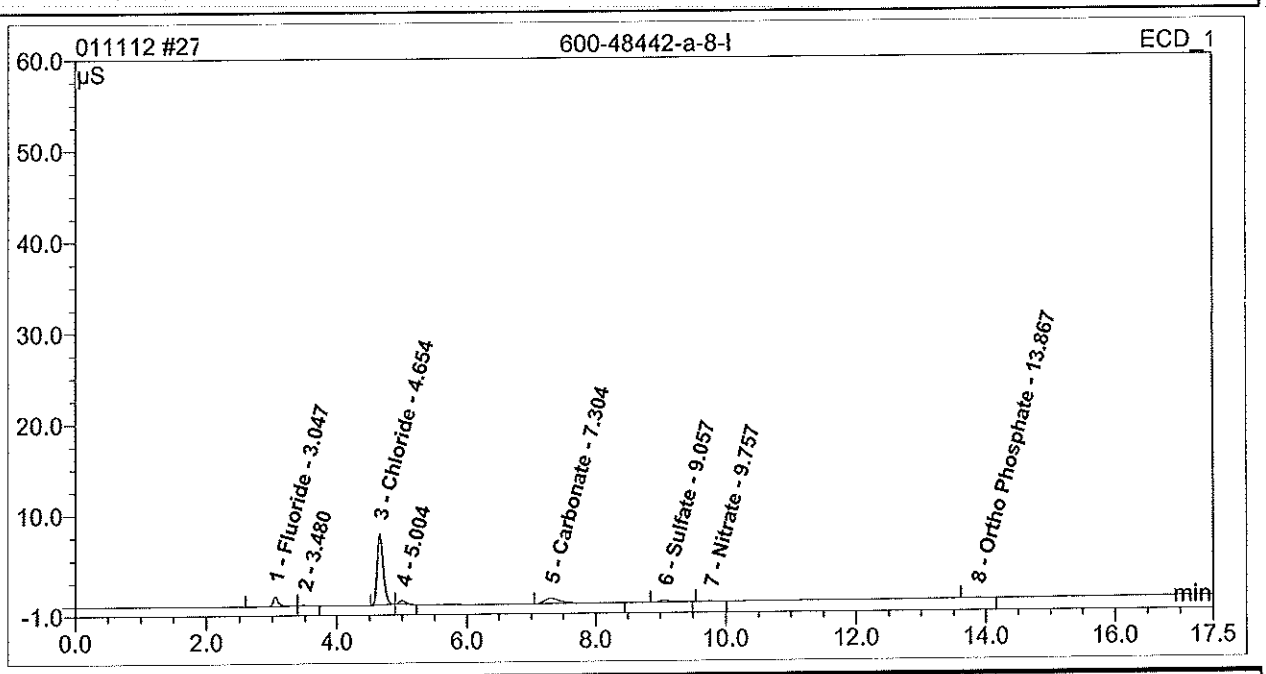


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	1.126	0.088	3.24	0.798	1.0000
4	3.83	Acetate	0.019	0.002	0.07	n.a.	1.0000
5	4.65	Chloride	14.435	1.591	58.87	22.634	1.0000
7	7.31	Carbonate	0.553	0.175	6.48	n.a.	1.0000
9	9.05	Sulfate	3.200	0.511	18.89	10.145	1.0000
10	9.74	Nitrate	0.095	0.016	0.60	0.251	1.0000
12	13.88	Ortho Phosphate	0.050	0.010	0.37	-0.149	1.0000
Total:			19.479	2.392	88.52	33.678	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

27 600-48442-a-8-b

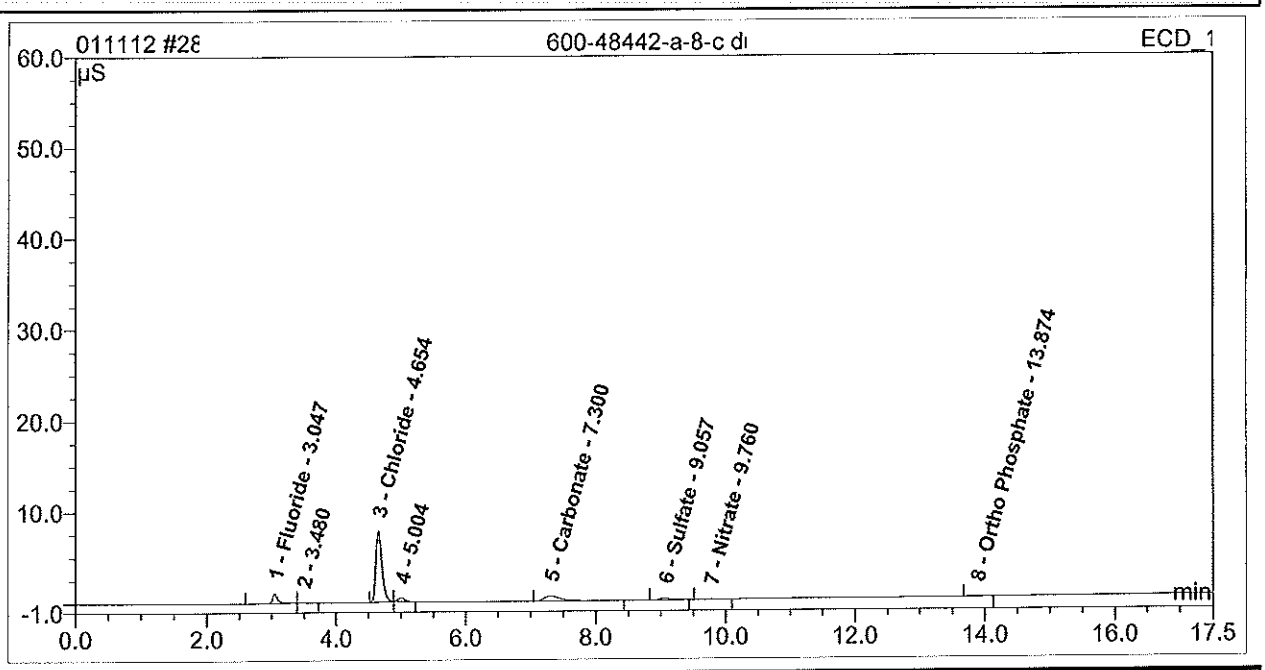
Sample Name:	600-48442-a-8-b	*Injection Volume:*	20.0
Injection Number:	27	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1823.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 18:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	1.042	0.109	8.74	0.991	1.0000
3	4.65	Chloride	7.783	0.850	67.90	12.087	1.0000
5	7.30	Carbonate	0.577	0.186	14.85	n.a.	1.0000
6	9.06	Sulfate	0.221	0.036	2.89	0.828	1.0000
7	9.76	Nitrate	0.034	0.006	0.48	0.198	1.0000
8	13.87	Ortho Phosphate	0.040	0.008	0.61	-0.177	1.0000
Total:			9.696	1.195	95.47	13.927	

28 600-48442-a-8-c du

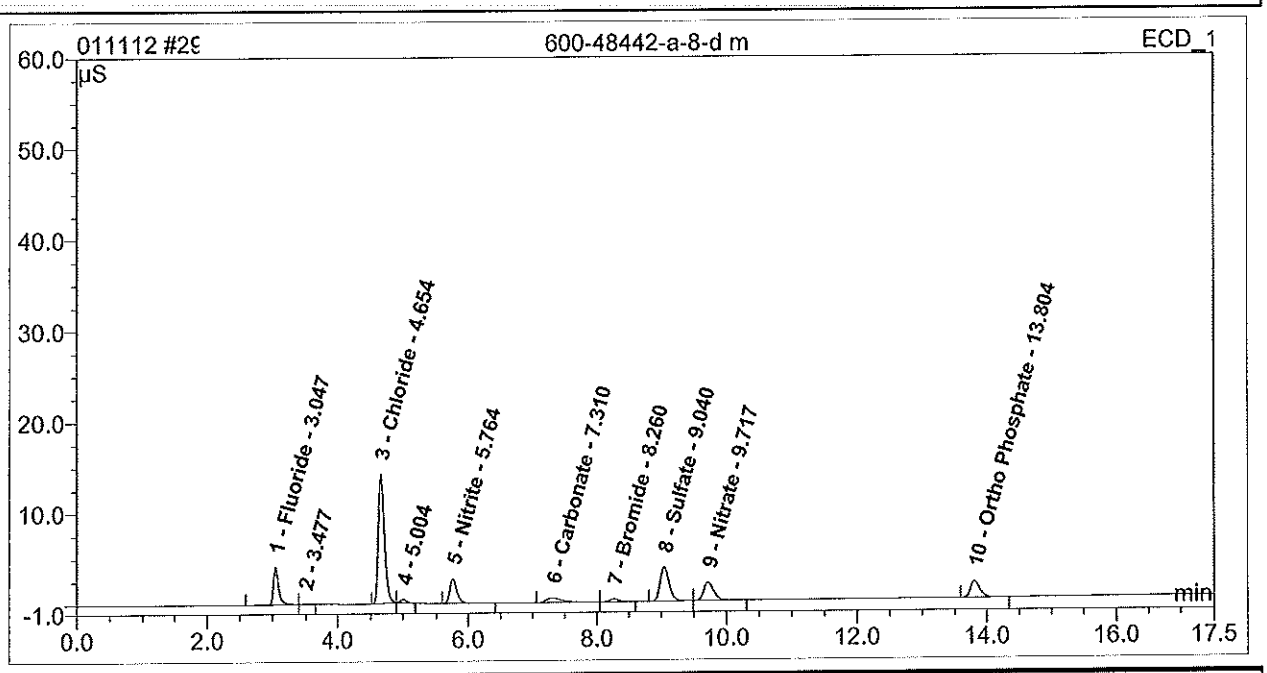
Sample Name:	600-48442-a-8-c du	*Injection Volume:*	20.0
Injection Number:	28	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 18:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	1.039	0.109	8.76	0.991	1.0000
3	4.65	Chloride	7.763	0.849	67.94	12.067	1.0000
5	7.30	Carbonate	0.576	0.187	14.94	n.a.	1.0000
6	9.06	Sulfate	0.219	0.036	2.85	0.819	1.0000
7	9.76	Nitrate	0.033	0.006	0.48	0.199	1.0000
8	13.87	Ortho Phosphate	0.033	0.006	0.50	-0.196	1.0000
Total:			9.663	1.192	95.47	13.880	

29 600-48442-a-8-d ms

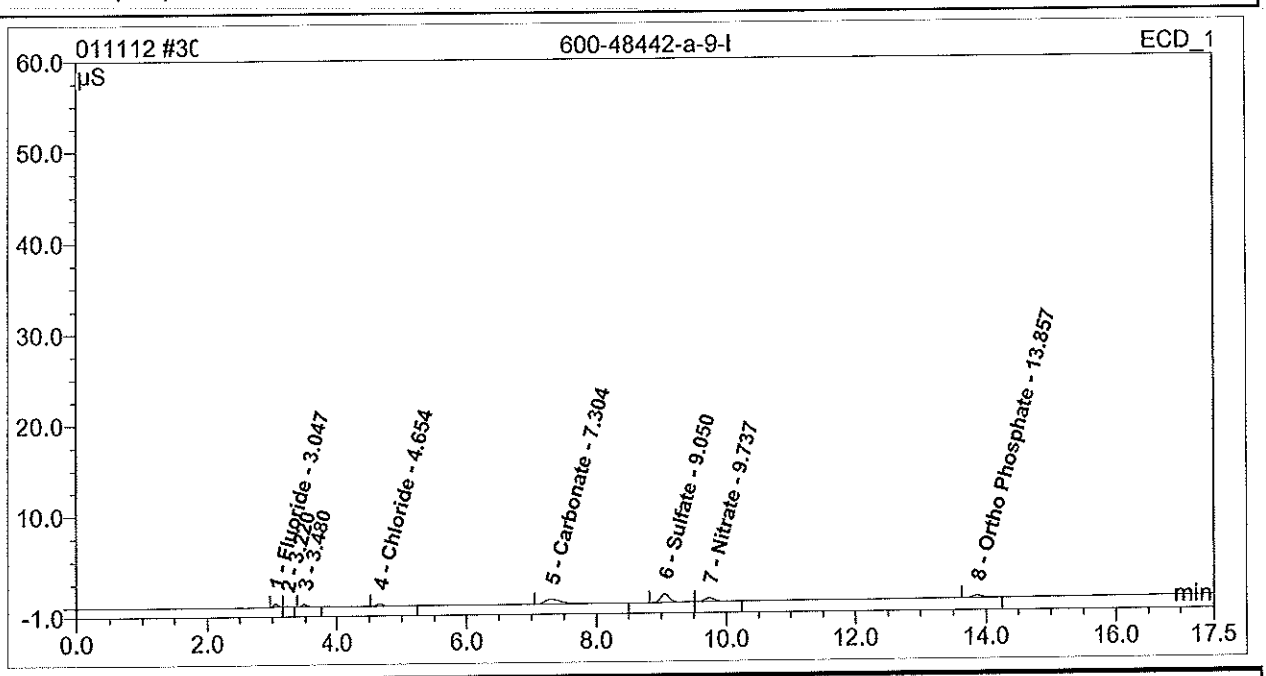
Sample Name:	600-48442-a-8-d ms	*Injection Volume:*	20.0
Injection Number:	29	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 19:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	4.112	0.381	9.95	3.388	1.0000
3	4.65	Chloride	14.215	1.579	41.24	22.460	1.0000
5	5.76	Nitrite	2.707	0.356	9.31	2.253	1.0000
6	7.31	Carbonate	0.507	0.148	3.88	n.a.	1.0000
7	8.26	Bromide	0.309	0.051	1.34	1.720	1.0000
8	9.04	Sulfate	3.772	0.605	15.81	12.004	1.0000
9	9.72	Nitrate	2.021	0.355	9.28	2.006	1.0000
10	13.80	Ortho Phosphate	1.825	0.307	8.03	3.516	1.0000
Total:			29.467	3.783	98.83	47.347	

30 600-48442-a-9-b

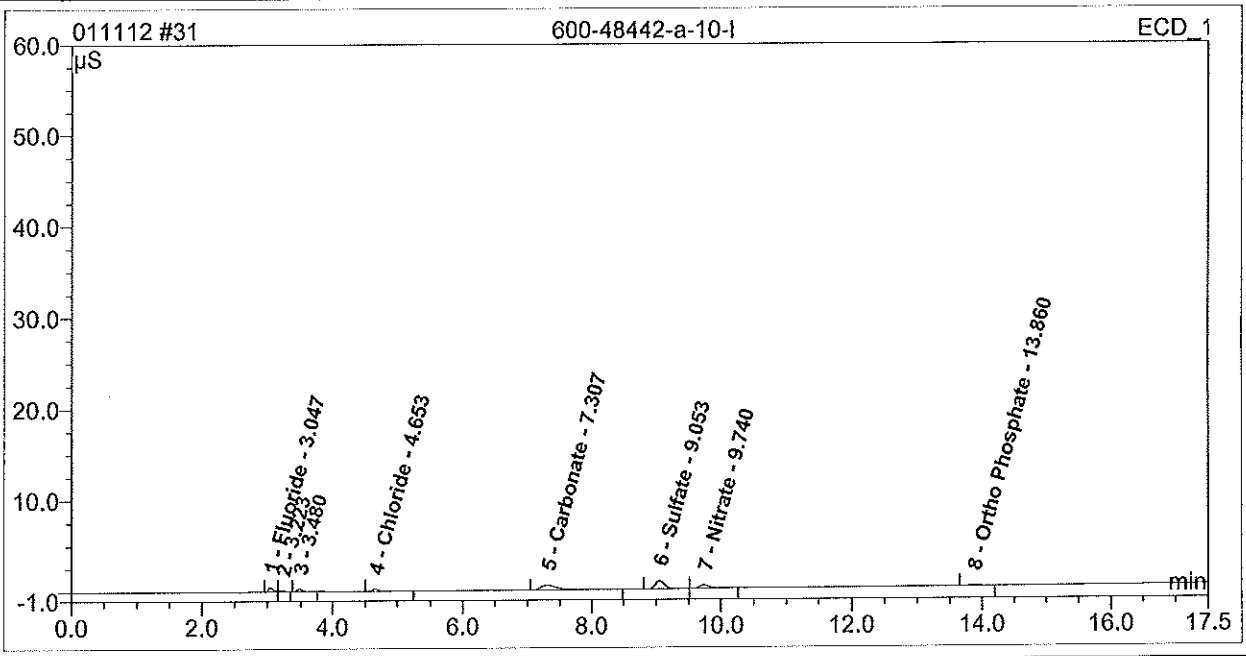
Sample Name:	600-48442-a-9-b	*Injection Volume:*	20.0
Injection Number:	30	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.215
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 19:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.359	0.028	5.17	0.271	1.0000
4	4.65	Chloride	0.262	0.031	5.67	0.423	1.0000
5	7.30	Carbonate	0.557	0.177	32.77	n.a.	1.0000
6	9.05	Sulfate	0.957	0.152	28.21	3.105	1.0000
7	9.74	Nitrate	0.419	0.074	13.70	0.550	1.0000
8	13.86	Ortho Phosphate	0.267	0.050	9.19	0.339	1.0000
Total:			2.820	0.511	94.71	4.687	

31 600-48442-a-10-b

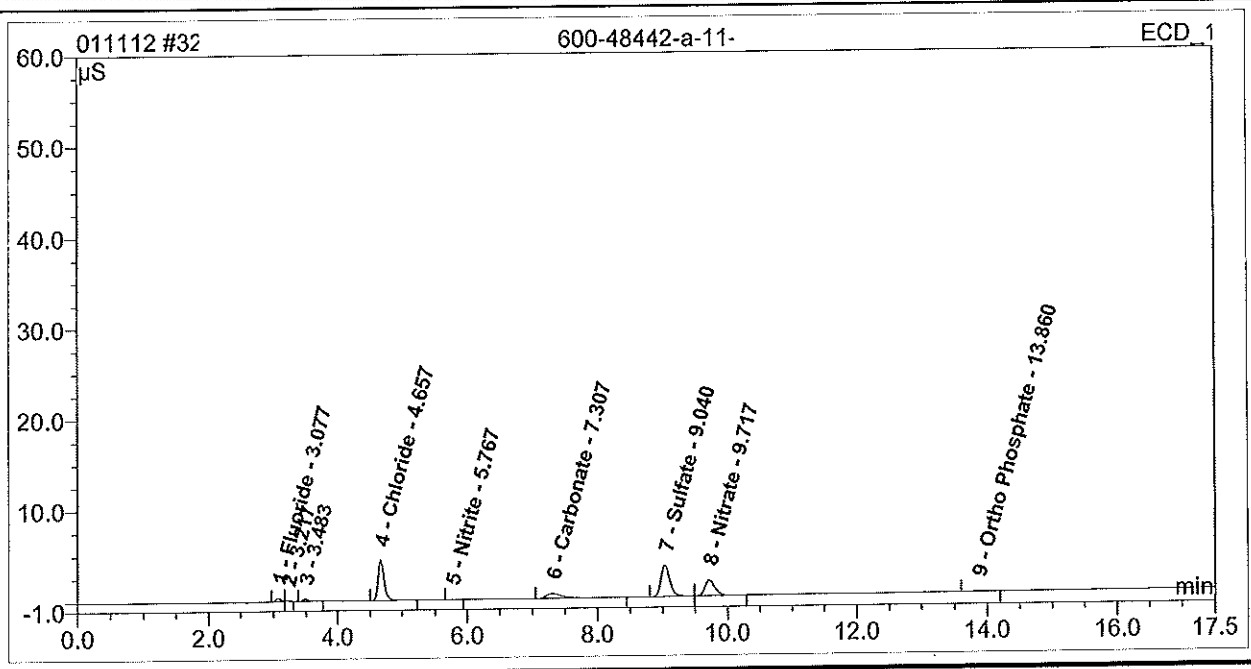
Sample Name:	600-48442-a-10-b	*Injection Volume:*	20.0
Injection Number:	31	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1822.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.214
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 19:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.422	0.033	6.57	0.315	1.0000
4	4.65	Chloride	0.244	0.028	5.66	0.390	1.0000
5	7.31	Carbonate	0.546	0.173	34.54	n.a.	1.0000
6	9.05	Sulfate	0.921	0.147	29.36	2.999	1.0000
7	9.74	Nitrate	0.375	0.066	13.27	0.511	1.0000
8	13.86	Ortho Phosphate	0.109	0.021	4.11	-0.019	1.0000
Total:			2.617	0.467	93.50	4.195	

32 600-48442-a-11-f

Sample Name:	600-48442-a-11-f	*Injection Volume:*	20.0
Injection Number:	32	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.213
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 20:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

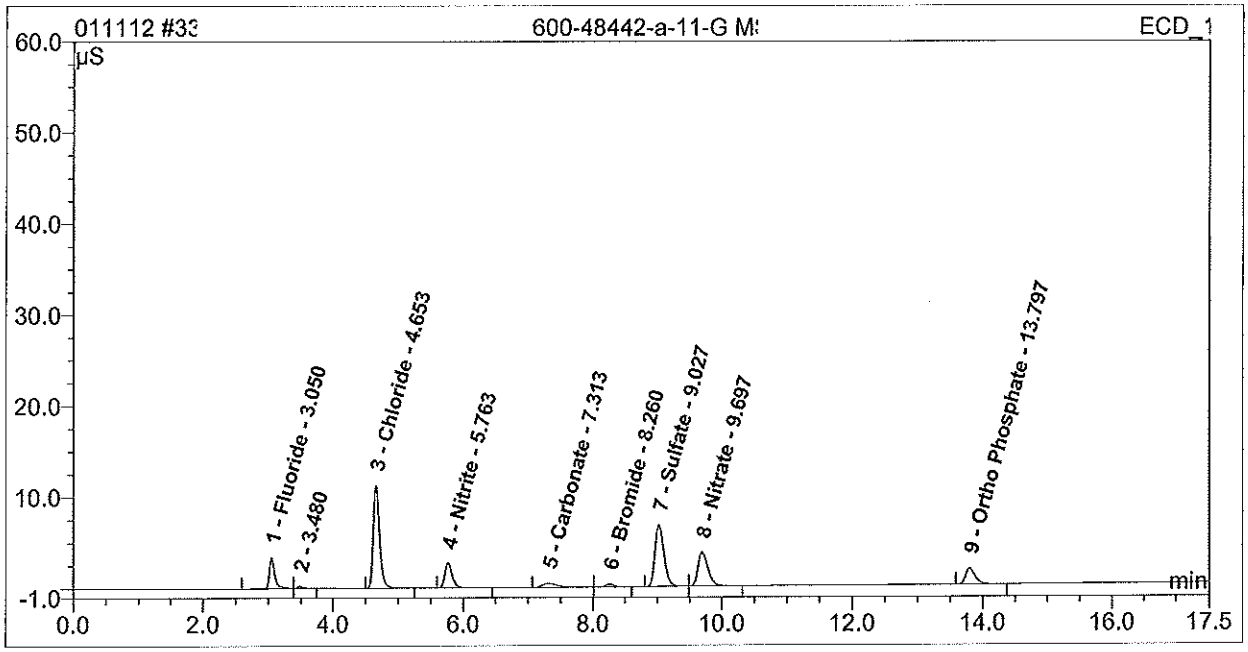


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.08	Fluoride	0.304	0.027	1.74	0.266	1.0000
4	4.66	Chloride	4.393	0.492	31.35	6.997	1.0000
5	5.77	Nitrite	0.013	0.002	0.10	0.005	1.0000
6	7.31	Carbonate	0.530	0.166	10.57	n.a.	1.0000
7	9.04	Sulfate	3.403	0.543	34.59	10.791	1.0000
8	9.72	Nitrate	1.714	0.301	19.13	1.723	1.0000
9	13.86	Ortho Phosphate	0.066	0.013	0.81	-0.115	1.0000
Total:			10.423	1.544	98.29	19.666	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

33 600-48442-a-11-G MS

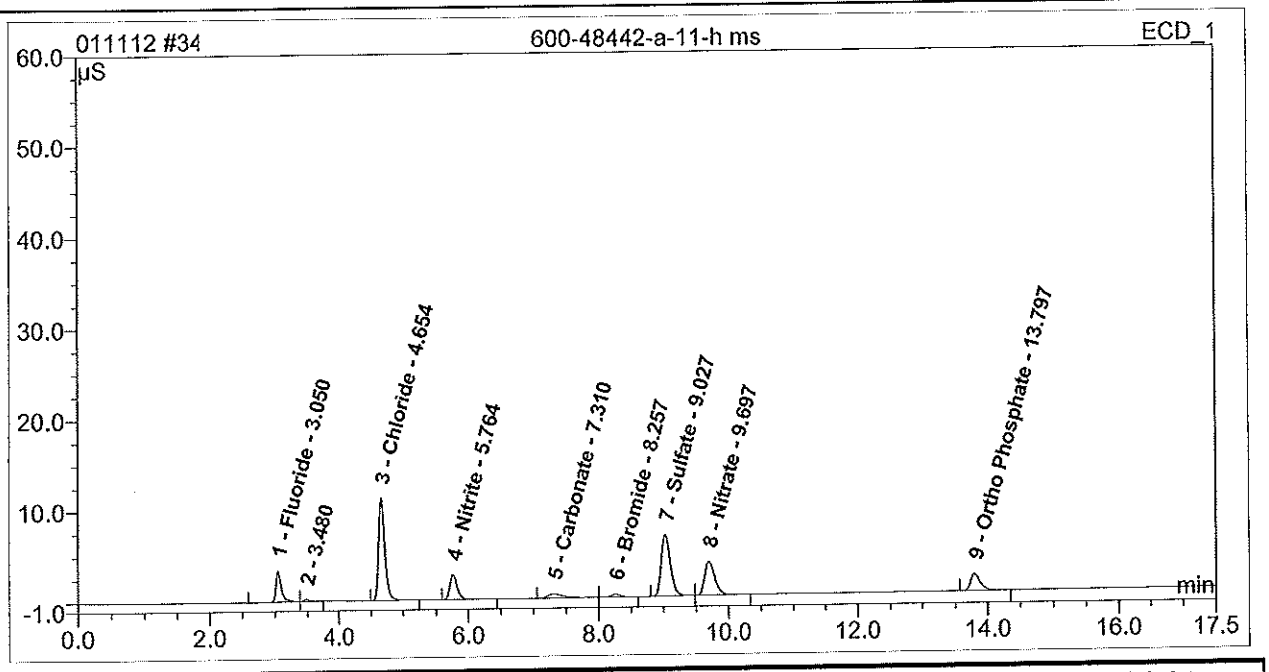
Sample Name:	600-48442-a-11-G MS	*Injection Volume:*	20.0
Injection Number:	33	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1826.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.213
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 20:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	3.385	0.333	7.84	2.964	1.0000
3	4.65	Chloride	11.253	1.279	30.14	18.187	1.0000
4	5.76	Nitrite	2.728	0.361	8.51	2.283	1.0000
5	7.31	Carbonate	0.467	0.134	3.15	n.a.	1.0000
6	8.26	Bromide	0.312	0.052	1.23	1.741	1.0000
7	9.03	Sulfate	6.719	1.103	25.99	21.771	1.0000
8	9.70	Nitrate	3.682	0.665	15.67	3.607	1.0000
9	13.80	Ortho Phosphate	1.765	0.297	6.99	3.385	1.0000
Total:			30.312	4.222	99.51	53.938	

34 600-48442-a-11-h msd

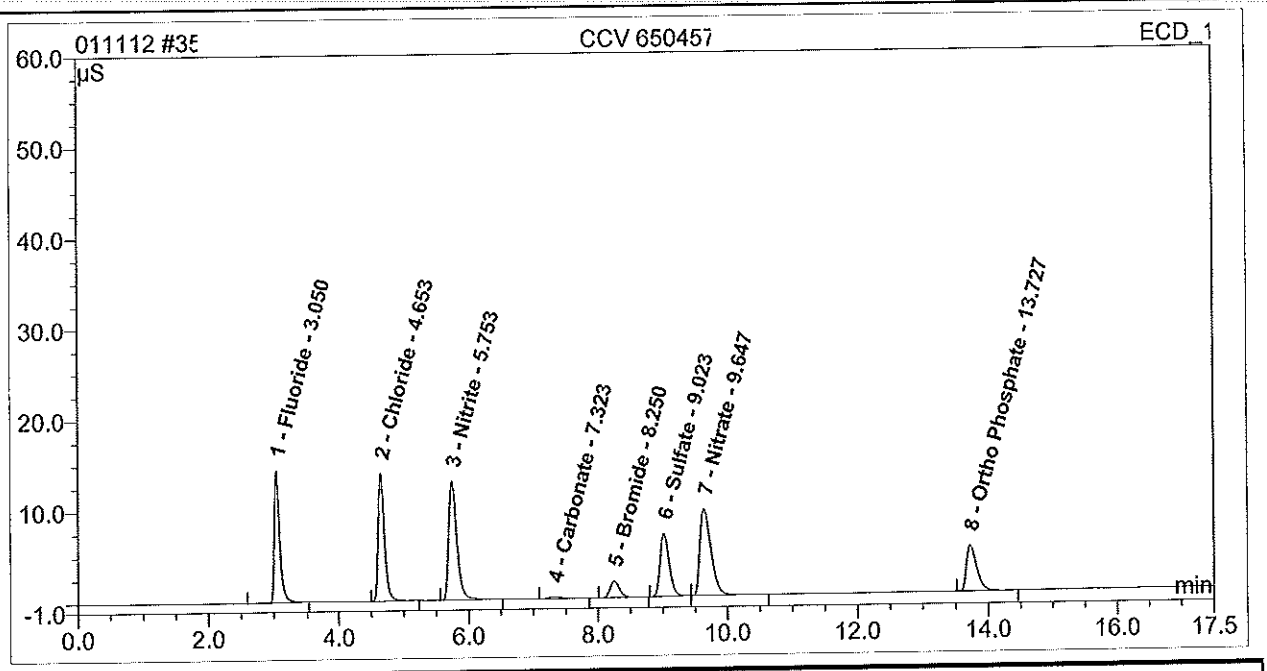
Sample Name:	600-48442-a-11-h msd	*Injection Volume:*	20.0
Injection Number:	34	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.216
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 20:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	3.387	0.333	7.81	2.968	1.0000
3	4.65	Chloride	11.243	1.278	29.97	18.177	1.0000
4	5.76	Nitrite	2.739	0.362	8.49	2.289	1.0000
5	7.31	Carbonate	0.467	0.133	3.12	n.a.	1.0000
6	8.26	Bromide	0.312	0.052	1.22	1.744	1.0000
7	9.03	Sulfate	6.696	1.102	25.85	21.765	1.0000
8	9.70	Nitrate	3.678	0.664	15.57	3.604	1.0000
9	13.80	Ortho Phosphate	1.860	0.318	7.46	3.651	1.0000
Total:			30.382	4.243	99.51	54.198	

35 CCV 650457

Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	35	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.215
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 21:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

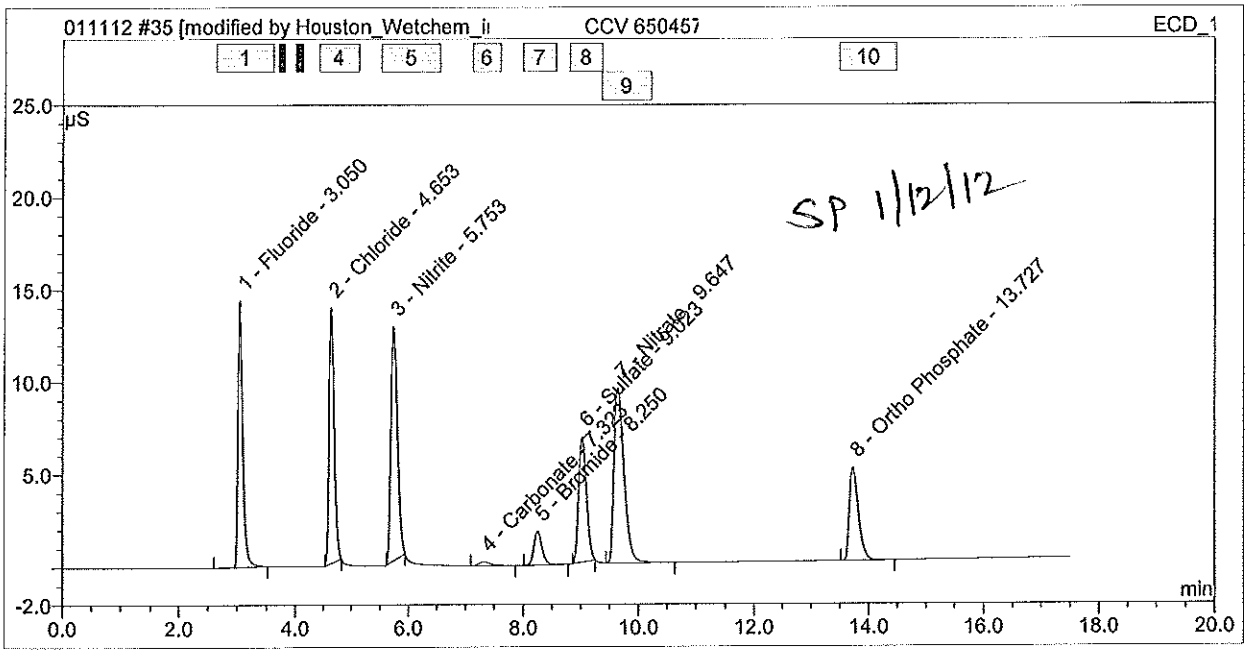


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.397	1.364	14.89	12.078	1.0000
2	4.65	Chloride	13.995	1.592	17.38	22.656	1.0000
3	5.75	Nitrite	12.951	1.890	20.64	11.972	1.0000
4	7.32	Carbonate	0.216	0.051	0.56	n.a.	1.0000
5	8.25	Bromide	1.804	0.301	3.29	9.670	1.0000
6	9.02	Sulfate	6.864	1.126	12.29	22.230	1.0000
7	9.65	Nitrate	9.447	1.920	20.96	10.104	1.0000
8	13.73	Ortho Phosphate	4.999	0.914	9.98	10.997	1.0000
Total:			64.673	9.160	100.00	99.706	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

35 CCV 650457

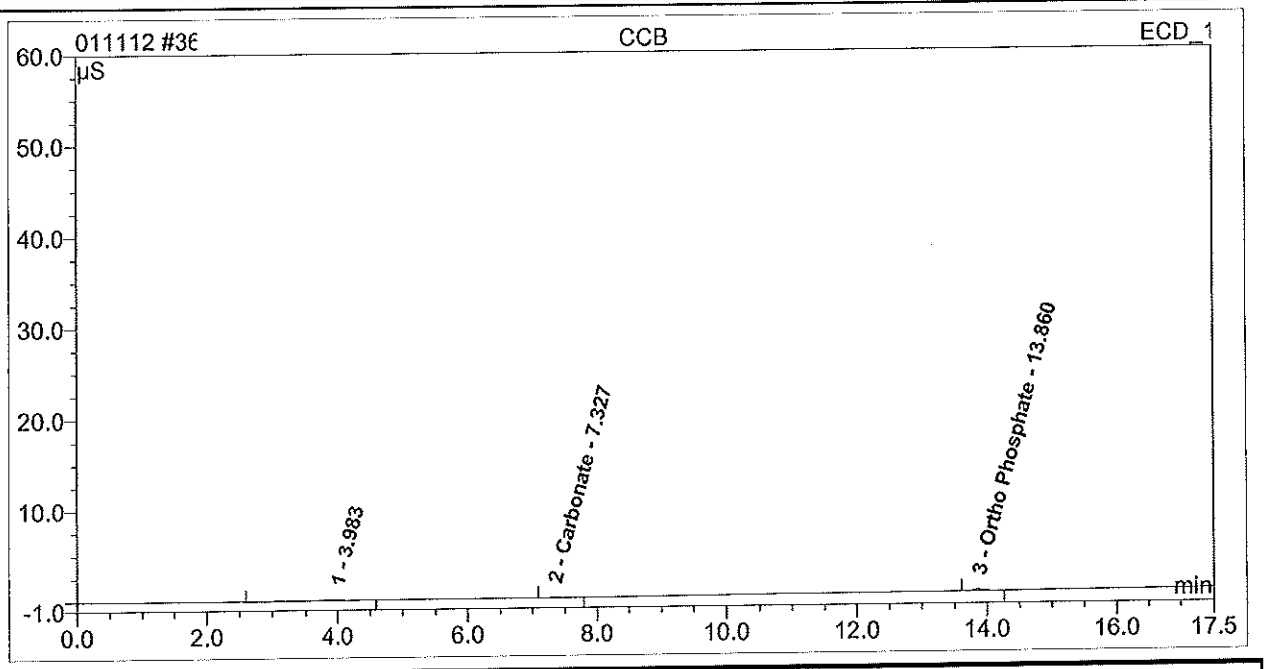
Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	35	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.215
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 21:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.397	1.364	15.44	12.078	1.0000
2	4.65	Chloride	13.822	1.501	16.99	21.358	1.0000
3	5.75	Nitrite	12.651	1.712	19.37	10.842	1.0000
4	7.32	Carbonate	0.216	0.051	0.58	n.a.	1.0000
5	8.25	Bromide	1.804	0.301	3.41	9.670	1.0000
6	9.02	Sulfate	6.763	1.072	12.14	21.179	1.0000
7	9.65	Nitrate	9.447	1.920	21.73	10.104	1.0000
8	13.73	Ortho Phosphate	4.999	0.914	10.35	10.997	1.0000
Total:			64.098	8.837	100.00	96.228	

36 CCB

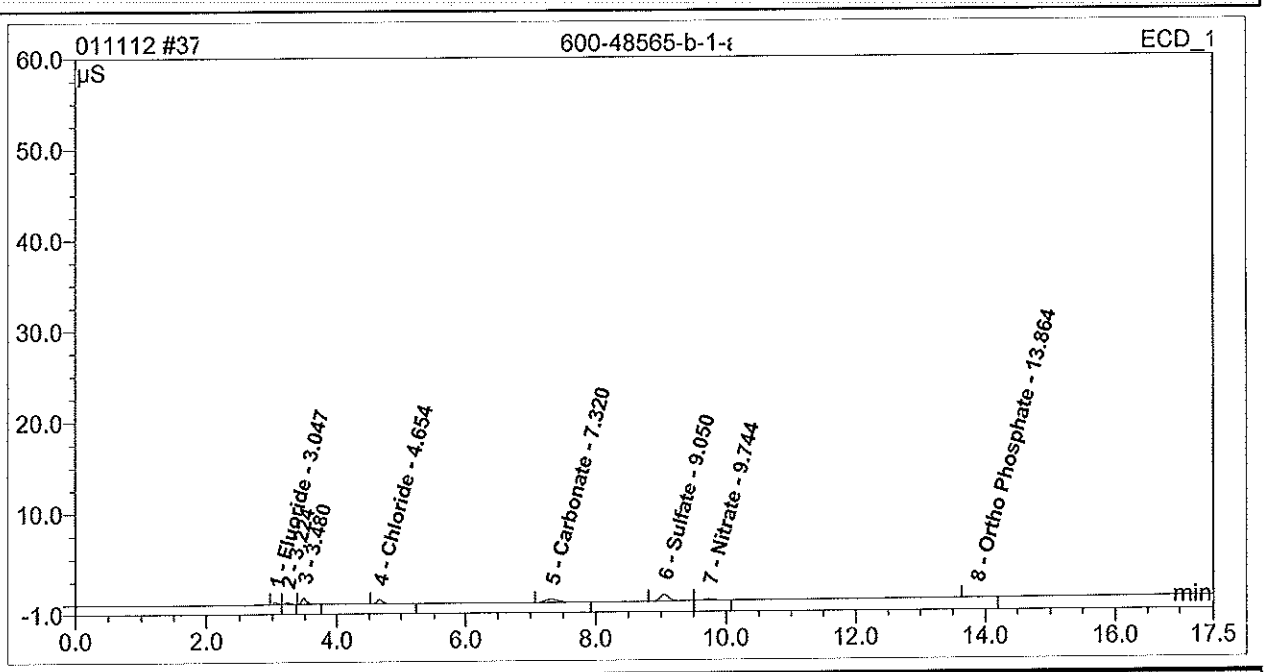
Sample Name:	CCB	*Injection Volume:*	20.0
Injection Number:	36	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1826.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.218
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 21:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	7.33	Carbonate	0.046	0.010	9.05	n.a.	1.0000
3	13.86	Ortho Phosphate	0.171	0.033	30.52	0.132	1.0000
Total:			0.218	0.042	39.57	0.132	

37 600-48565-b-1-a

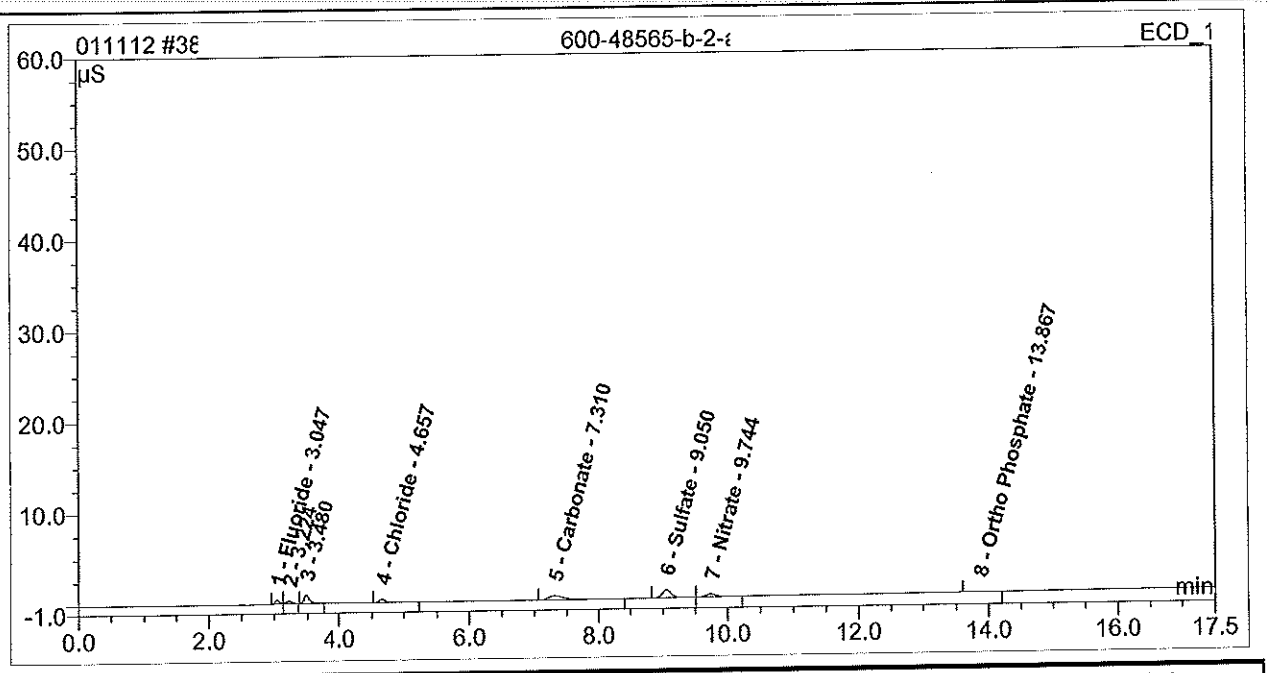
Sample Name:	600-48565-b-1-a	*Injection Volume:*	20.0
Injection Number:	37	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1826.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.215
Quantif. Method:	CALIBRATIONREG110411	Dilution Factor:	1.0000
Recording Time:	1/11/2012 21:46	Sample Weight:	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.218	0.016	4.06	0.168	1.0000
4	4.65	Chloride	0.458	0.052	13.03	0.730	1.0000
5	7.32	Carbonate	0.348	0.092	23.01	n.a.	1.0000
6	9.05	Sulfate	0.741	0.118	29.57	2.442	1.0000
7	9.74	Nitrate	0.173	0.031	7.64	0.326	1.0000
8	13.86	Ortho Phosphate	0.078	0.015	3.81	-0.084	1.0000
Total:			2.016	0.325	81.11	3.581	

38 600-48565-b-2-a

Sample Name:	600-48565-b-2-a	*Injection Volume:*	20.0
Injection Number:	38	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1831.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 22:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

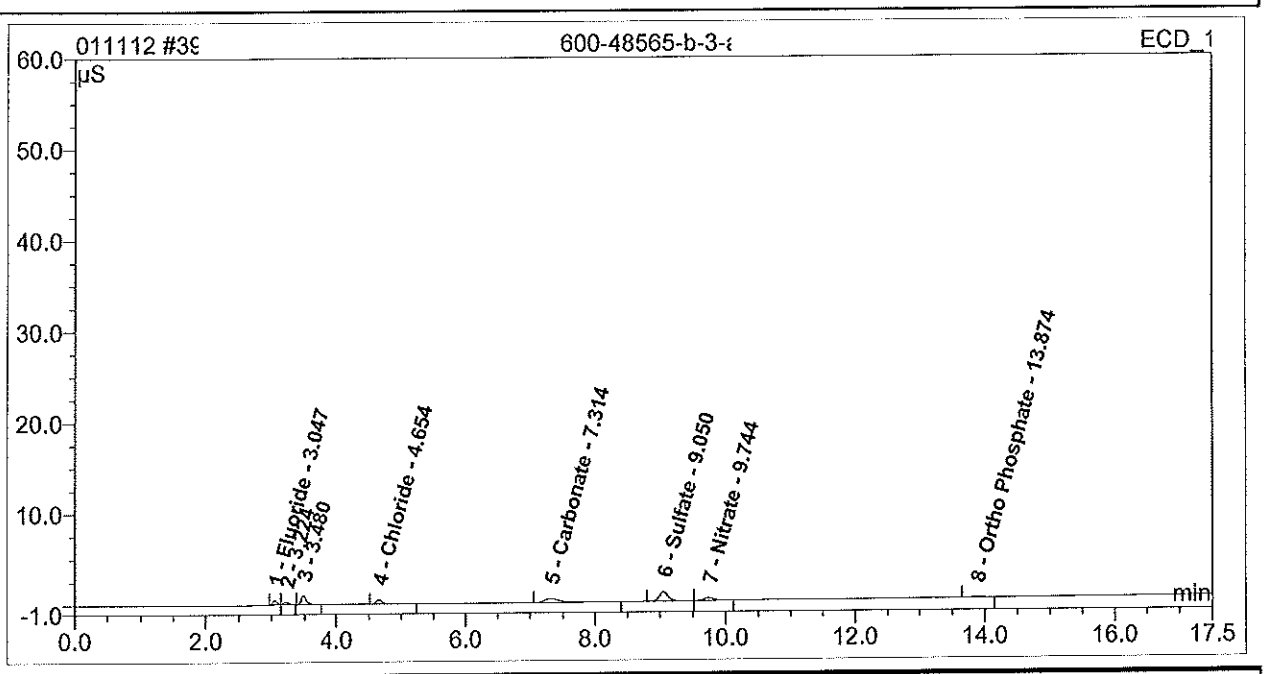


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.382	0.028	5.42	0.275	1.0000
4	4.66	Chloride	0.380	0.044	8.32	0.608	1.0000
5	7.31	Carbonate	0.472	0.141	26.89	n.a.	1.0000
6	9.05	Sulfate	0.865	0.138	26.35	2.829	1.0000
7	9.74	Nitrate	0.312	0.056	10.61	0.455	1.0000
8	13.87	Ortho Phosphate	0.058	0.011	2.16	-0.133	1.0000
Total:			2.470	0.418	79.75	4.034	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

39 600-48565-b-3-a

Sample Name:	600-48565-b-3-a	*Injection Volume:*	20.0
Injection Number:	39	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1832.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.216
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 22:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

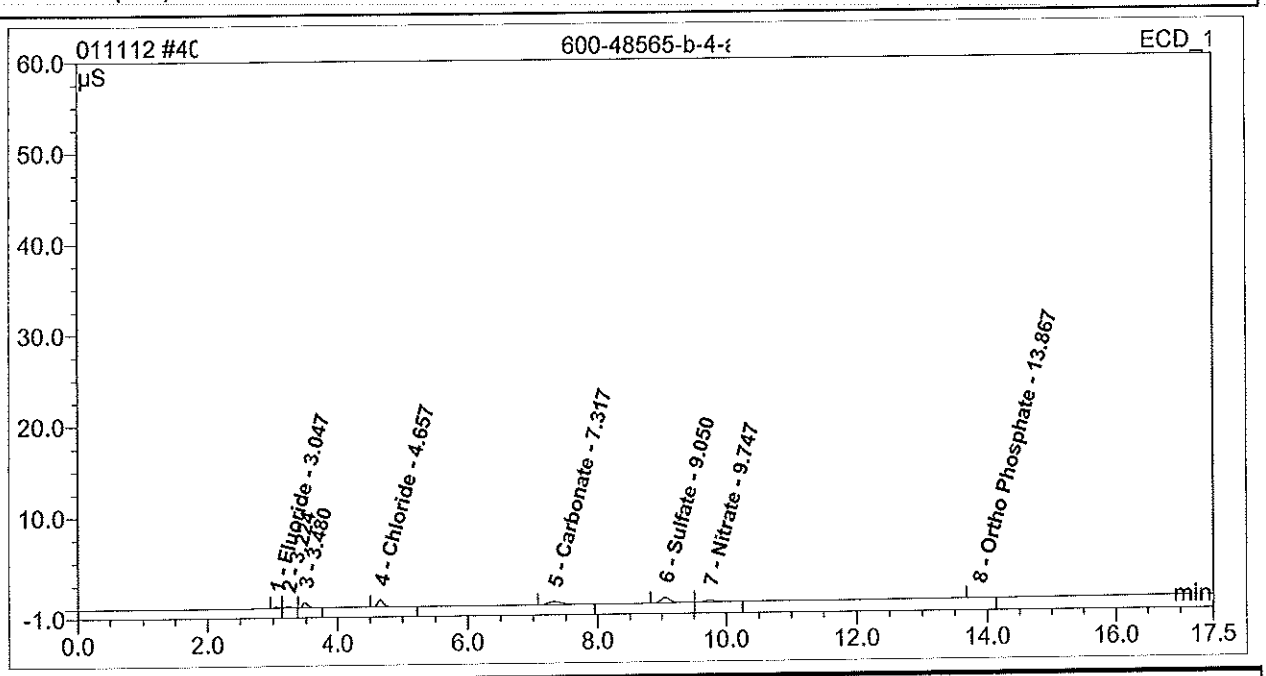


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.452	0.034	6.12	0.322	1.0000
4	4.65	Chloride	0.473	0.054	9.78	0.754	1.0000
5	7.31	Carbonate	0.433	0.126	22.95	n.a.	1.0000
6	9.05	Sulfate	1.034	0.164	29.89	3.347	1.0000
7	9.74	Nitrate	0.308	0.054	9.90	0.449	1.0000
8	13.87	Ortho Phosphate	0.047	0.009	1.63	-0.161	1.0000
Total:			2.746	0.442	80.26	4.711	

Chromeleon (c) Dionex 1990-2001
Version 6.80 Build 2212

40 600-48565-b-4-a

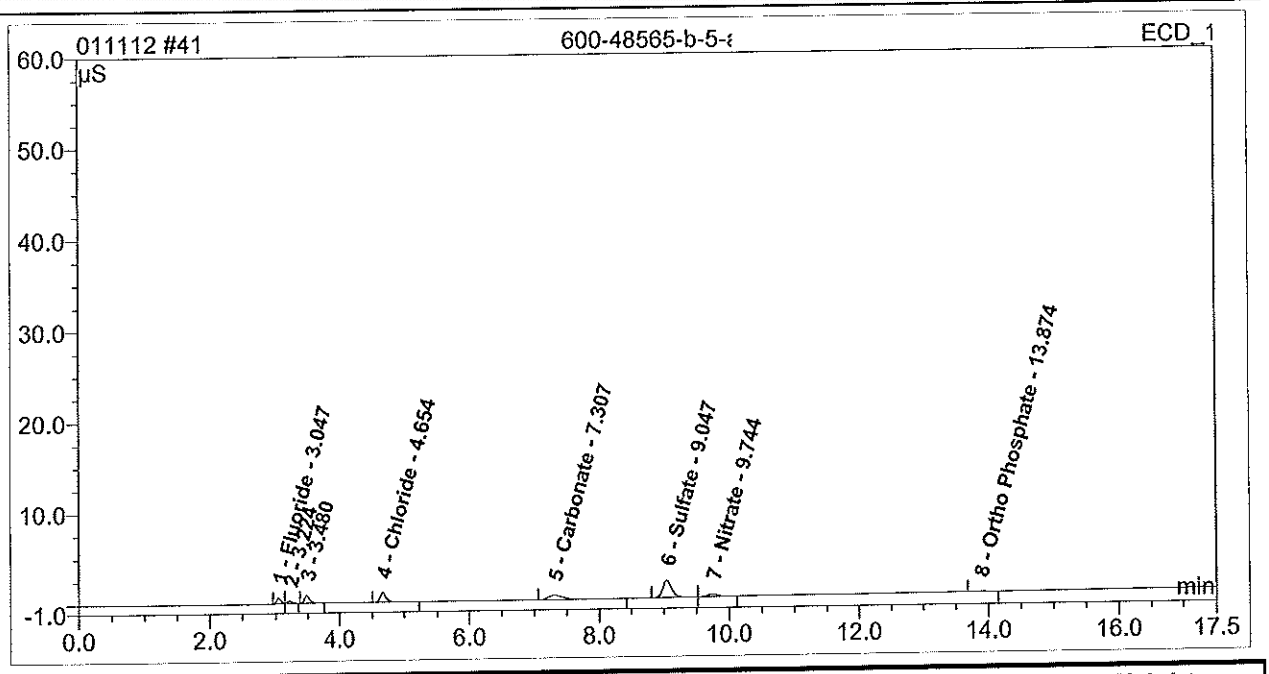
Sample Name:	600-48565-b-4-a	*Injection Volume:*	20.0
Injection Number:	40	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1832.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.216
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 22:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.146	0.011	2.63	0.119	1.0000
4	4.66	Chloride	0.777	0.088	21.47	1.235	1.0000
5	7.32	Carbonate	0.369	0.099	24.38	n.a.	1.0000
6	9.05	Sulfate	0.612	0.098	24.08	2.047	1.0000
7	9.75	Nitrate	0.209	0.037	9.19	0.361	1.0000
8	13.87	Ortho Phosphate	0.037	0.007	1.70	-0.187	1.0000
Total:			2.149	0.340	83.45	3.575	

41 600-48565-b-5-a

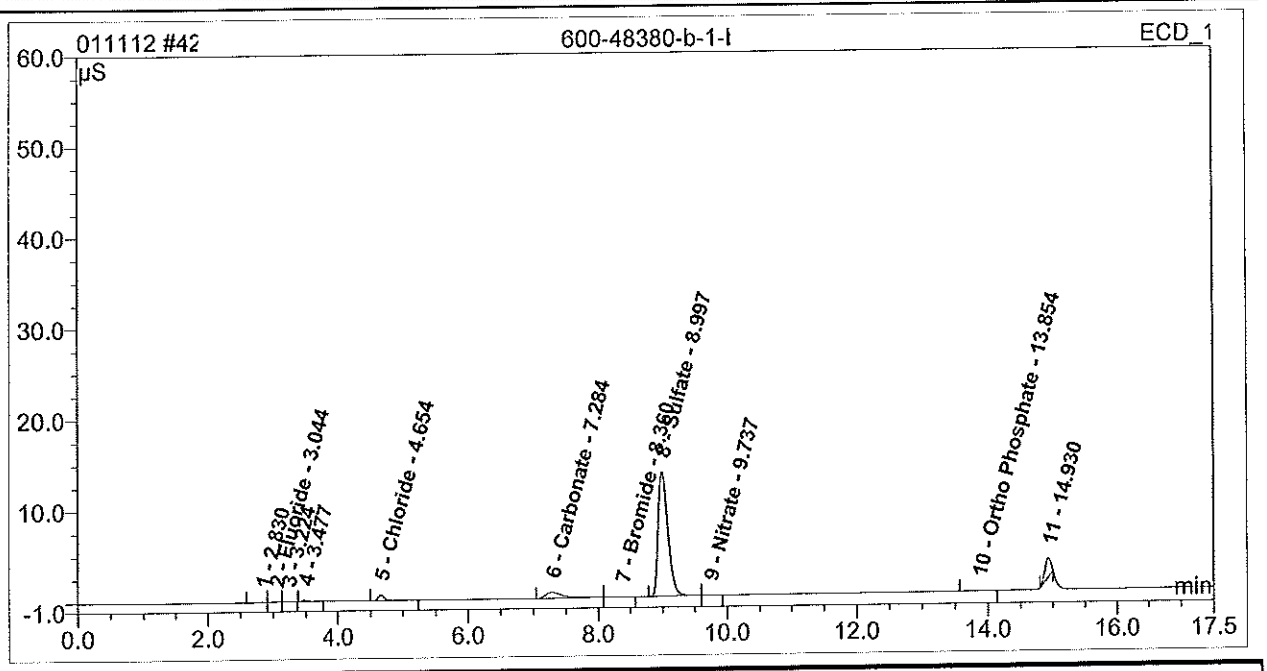
Sample Name:	600-48565-b-5-a	*Injection Volume:*	20.0
Injection Number:	41	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1833.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 23:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.588	0.044	5.85	0.416	1.0000
4	4.65	Chloride	1.056	0.118	15.59	1.671	1.0000
5	7.31	Carbonate	0.483	0.145	19.18	n.a.	1.0000
6	9.05	Sulfate	1.891	0.300	39.57	6.012	1.0000
7	9.74	Nitrate	0.278	0.049	6.44	0.420	1.0000
8	13.87	Ortho Phosphate	0.030	0.006	0.76	-0.201	1.0000
Total:			4.326	0.663	87.38	8.319	

42 600-48380-b-1-b

Sample Name:	600-48380-b-1-b	*Injection Volume:*	20.0
Injection Number:	42	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1835.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.218
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	10.0000
Recording Time:	1/11/2012 23:26	**Sample Weight:**	10.0000
Run Time (min):	17.50	Sample Amount:	1.0000

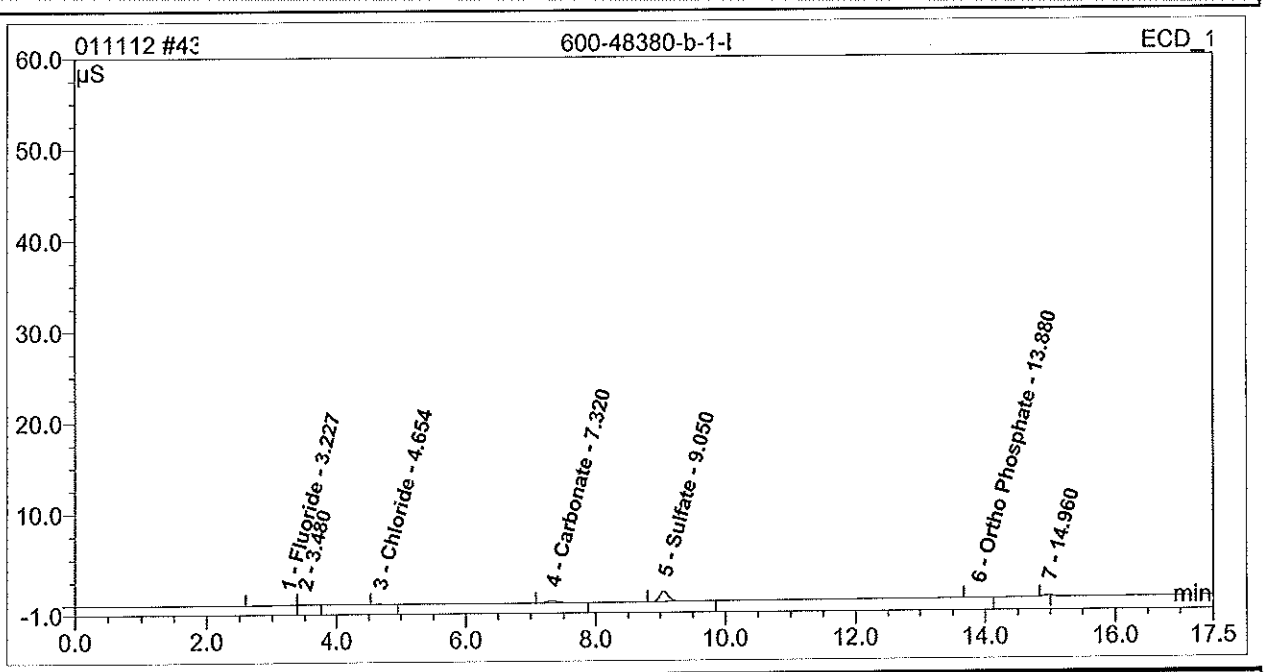


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	3.04	Fluoride	0.045	0.005	0.16	0.067	10.0000
5	4.65	Chloride	0.596	0.068	2.30	0.951	10.0000
6	7.28	Carbonate	0.647	0.201	6.85	n.a.	10.0000
7	8.36	Bromide	0.026	0.006	0.19	0.260	10.0000
8	9.00	Sulfate	13.639	2.409	81.85	47.425	10.0000
9	9.74	Nitrate	0.036	0.005	0.18	0.195	10.0000
10	13.85	Ortho Phosphate	0.028	0.005	0.18	-0.205	10.0000
Total:			15.017	2.699	91.71	48.693	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

43 600-48380-b-1-b

Sample Name:	600-48380-b-1-b	*Injection Volume:*	20.0
Injection Number:	43	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1837.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	100.0000
Recording Time:	1/11/2012 23:46	**Sample Weight:**	100.0000
Run Time (min):	17.50	Sample Amount:	1.0000

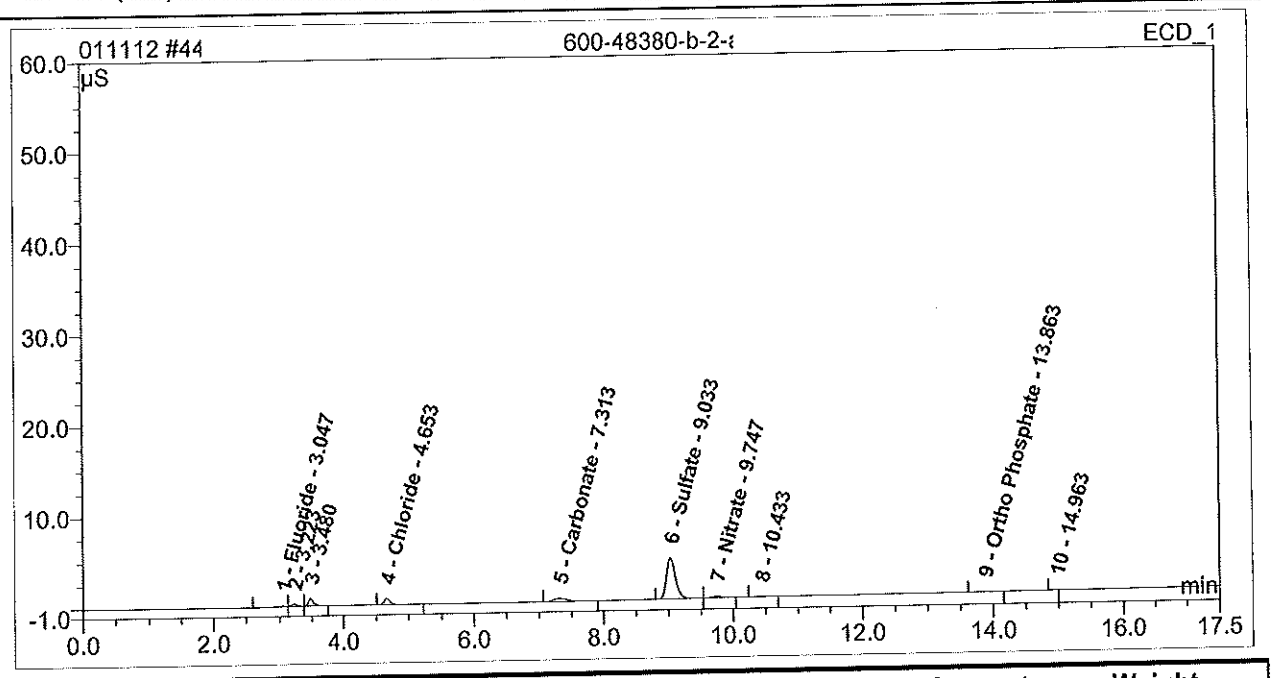


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.23	Fluoride	0.020	0.021	7.33	0.208	100.0000
3	4.65	Chloride	0.052	0.006	2.09	0.072	100.0000
4	7.32	Carbonate	0.229	0.055	19.49	n.a.	100.0000
5	9.05	Sulfate	1.151	0.188	66.28	3.812	100.0000
6	13.88	Ortho Phosphate	0.020	0.004	1.37	-0.224	100.0000
Total:			1.472	0.274	96.54	3.868	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

44 600-48380-b-2-a

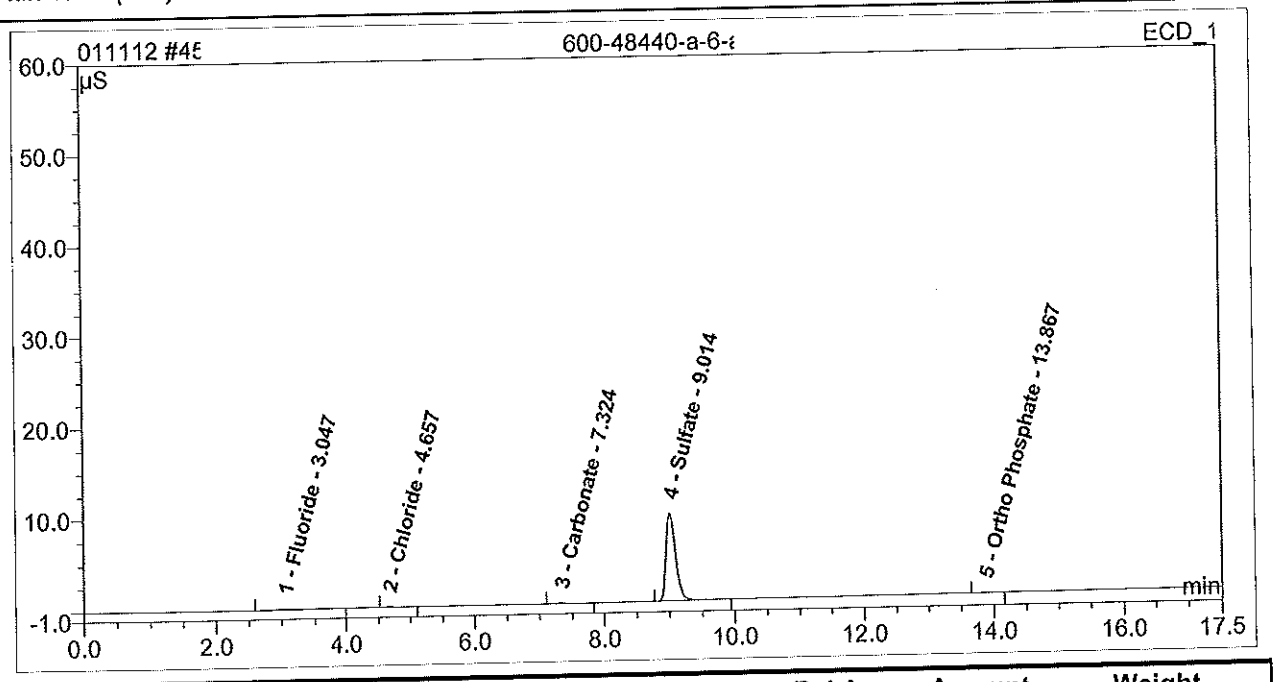
Sample Name:	600-48380-b-2-a	*Injection Volume:*	20.0
Injection Number:	44	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1839.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	10.0000
Recording Time:	1/12/2012 0:06	**Sample Weight:**	10.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.074	0.012	1.12	0.128	10.0000
4	4.65	Chloride	0.680	0.077	7.35	1.084	10.0000
5	7.31	Carbonate	0.362	0.096	9.14	n.a.	10.0000
6	9.03	Sulfate	4.506	0.728	69.53	14.420	10.0000
7	9.75	Nitrate	0.157	0.027	2.58	0.307	10.0000
9	13.86	Ortho Phosphate	0.030	0.006	0.55	-0.201	10.0000
Total:			5.809	0.945	90.28	15.739	

45 600-48440-a-6-a

Sample Name:	600-48440-a-6-a	*Injection Volume:*	20.0
Injection Number:	45	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1840.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.223
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	20.0000
Recording Time:	1/12/2012 0:26	**Sample Weight:**	20.0000
Run Time (min):	17.50	Sample Amount:	1.0000

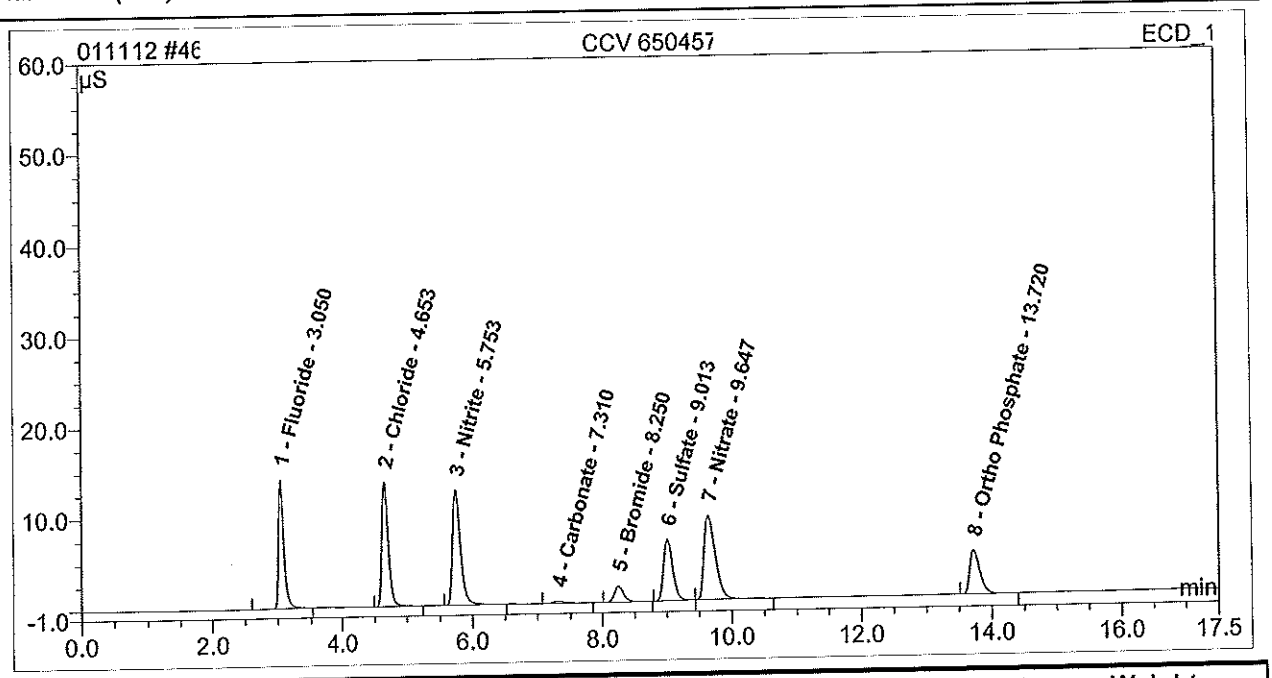


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.099	0.049	2.85	0.461	20.0000
2	4.66	Chloride	0.101	0.012	0.68	0.157	20.0000
3	7.32	Carbonate	0.088	0.019	1.11	n.a.	20.0000
4	9.01	Sulfate	9.572	1.649	95.15	32.505	20.0000
5	13.87	Ortho Phosphate	0.018	0.004	0.20	-0.228	20.0000
Total:			9.879	1.733	100.00	32.894	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

46 CCV 650457

Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	46	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1843.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.224
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/12/2012 0:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

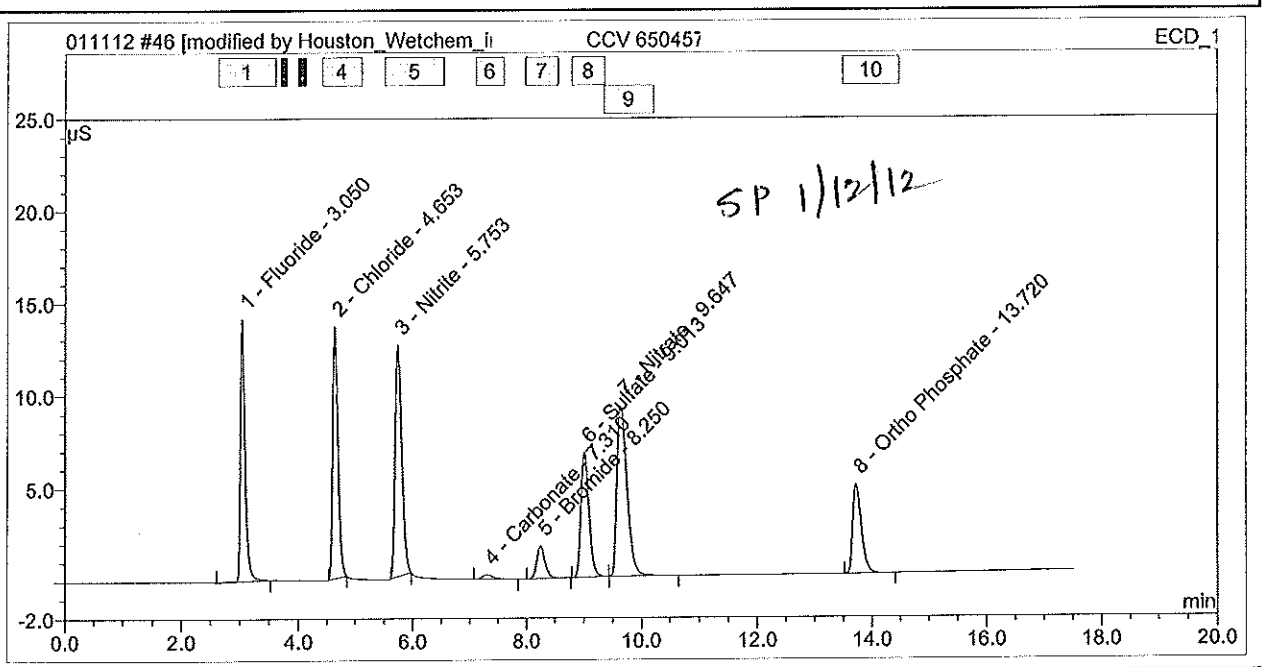


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.114	1.344	15.04	11.903	1.0000
2	4.65	Chloride	13.669	1.561	17.46	22.204	1.0000
3	5.75	Nitrite	12.632	1.849	20.68	11.710	1.0000
4	7.31	Carbonate	0.227	0.054	0.60	n.a.	1.0000
5	8.25	Bromide	1.741	0.293	3.28	9.398	1.0000
6	9.01	Sulfate	6.699	1.100	12.31	21.727	1.0000
7	9.65	Nitrate	9.184	1.875	20.97	9.873	1.0000
8	13.72	Ortho Phosphate	4.797	0.864	9.67	10.379	1.0000
Total:			63.064	8.941	100.00	97.194	

Chromeleon (c) Dionex 1990-2001
Version 6.80 Build 2212

46 CCV 650457

Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	46	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1843.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.224
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/12/2012 0:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

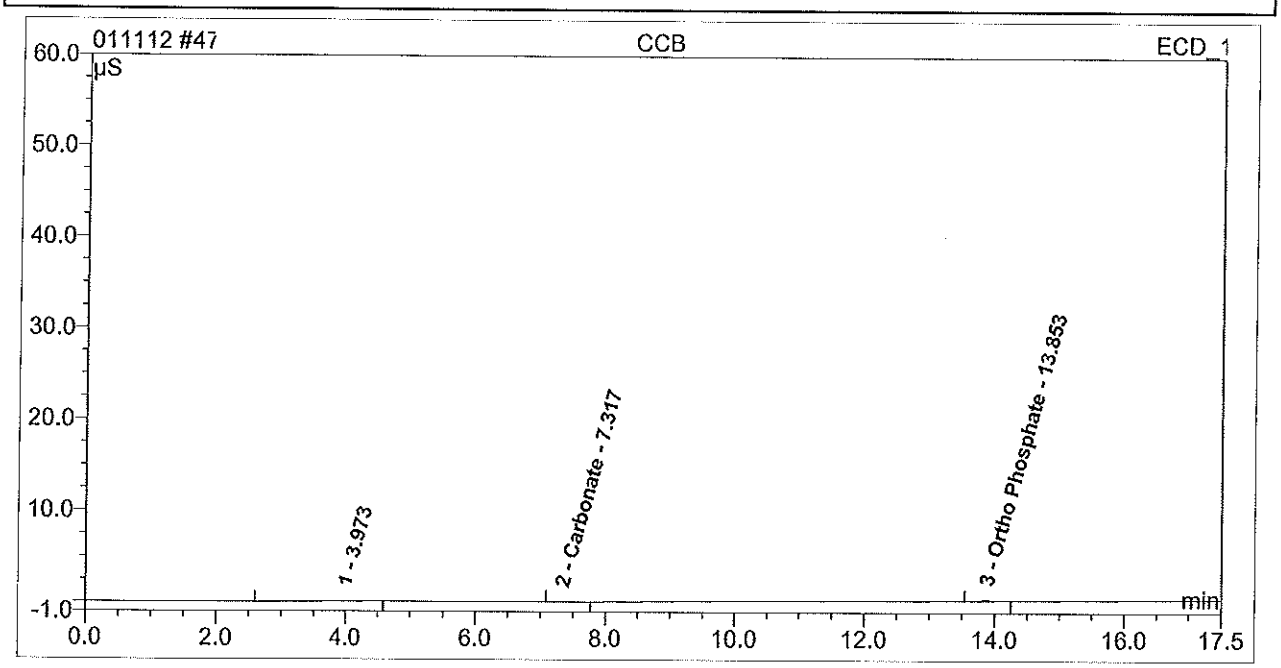


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.114	1.344	15.35	11.903	1.0000
2	4.65	Chloride	13.573	1.500	17.13	21.340	1.0000
3	5.75	Nitrite	12.458	1.726	19.71	10.931	1.0000
4	7.31	Carbonate	0.227	0.054	0.62	n.a.	1.0000
5	8.25	Bromide	1.741	0.293	3.35	9.398	1.0000
6	9.01	Sulfate	6.699	1.100	12.56	21.727	1.0000
7	9.65	Nitrate	9.184	1.875	21.41	9.873	1.0000
8	13.72	Ortho Phosphate	4.797	0.864	9.87	10.379	1.0000
Total:			62.793	8.757	100.00	95.552	

03/13/2013
Chromeleon (c) Dionex 1998-2001
Version 6.80 Build 2212

47 CCB

Sample Name:	**CCB**	*Injection Volume:*	**20.0**
Injection Number:	**47**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Pressure:*	**1844.00**
Control Program:	**AS18 CC8**	*Total Conductivity:*	**1.228**
Quantif. Method:	**CALIBRATIONREG110411**	**Dilution Factor:**	**1.0000**
Recording Time:	**1/12/2012 1:06**	**Sample Weight:**	**1.0000**
Run Time (min):	**17.50**	Sample Amount:	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	7.32	Carbonate	0.048	0.010	9.05	n.a.	1.0000
3	13.85	Ortho Phosphate	0.132	0.026	23.48	0.043	1.0000
Total:			0.180	0.035	32.53	0.043	

03/13/2012
Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

48 SHUTDOWN

Sample Name:	SHUTDOWN	*Injection Volume:*	20.0
Injection Number:	48	*Channel:*	n.a.
Sample Type:	unknown	*Pressure:*	n.a.
Control Program:	shutdownsys	*Total Conductivity:*	1.229
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/12/2012 1:26	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #48 SHUTDOWN ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\47.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Batch Number: 69984 Batch Start Date: 01/12/12 11:02 Batch Analyst: Puranik, Surendra U

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CCV 00005	ICV/LCS 00009		
ICV 600-69984/2		300.0		5 mL	5 mL		5 mL		
ICB 600-69984/3		300.0		5 mL	5 mL				
MB 600-69984/4		300.0		5 mL	5 mL				
LCS 600-69984/5		300.0		5 mL	5 mL		5 mL		
CCV 600-69984/14		300.0		5 mL	5 mL	5 mL			
CCB 600-69984/15		300.0		5 mL	5 mL				
600-48380-A-5	Equipment Blank 2	300.0	T	5 mL	5 mL				
CCV 600-69984/26		300.0		5 mL	5 mL	5 mL			
CCB 600-69984/27		300.0		5 mL	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Batch Number: 69833 Batch Start Date: 01/10/12 16:00 Batch Analyst: Puranik, Surendra U

Batch Method: DI Leach Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
600-48380-B-1	2012-RMSA-2 (0.5-2.5')	DI Leach, 9056	S	5 g	50 mL				
600-48380-B-2	2012-RMSA-3(1-3')	DI Leach, 9056	S	5 g	50 mL				

Batch Notes	
Balance ID	b-2

Basis	Basis Description
S	Soluble

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Batch Number: 69903 Batch Start Date: 01/11/12 12:12 Batch Analyst: Puranik, Surendra U

Batch Method: 9056 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CCV 00001	ICV/LCS 00002		
ICV 600-69903/2		9056		5 mL	5 mL		5 mL		
ICB 600-69903/3		9056		5 mL	5 mL				
MB 600-69833/1-A		9056		5 mL	5 mL				
LCS 600-69833/2-A		9056		5 mL	5 mL		5 mL		
CCV 600-69903/14		9056		5 mL	5 mL	5 mL			
CCB 600-69903/15		9056		5 mL	5 mL				
CCV 600-69903/26		9056		5 mL	5 mL	5 mL			
CCB 600-69903/27		9056		5 mL	5 mL				
600-48380-B-1-B	2012-RMSA-2 (0.5-2.5')	9056	S	5 mL	5 mL				
600-48380-B-2-A	2012-RMSA-3(1-3')	9056	S	5 mL	5 mL				
CCV 600-69903/37		9056		5 mL	5 mL	5 mL			
CCB 600-69903/38		9056		5 mL	5 mL				

Batch Notes	

Basis	Basis Description
S	Soluble

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48380-1

SDG No.:

Batch Number: 69699 Batch Start Date: 01/09/12 16:05 Batch Analyst: Boza, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-48380-C-1	2012-RMSA-2 (0.5-2.5')	Moisture	T	1.15 g	23.41 g	16.91 g			
600-48380-B-2	2012-RMSA-3(1-3')	Moisture	T	1.15 g	15.81 g	12.74 g			

Batch Notes	
Balance ID	B-2 No Unit
Oven ID	O-8

Basis	Basis Description
T	Total/NA

TestAmerica Houston
[illegible] Railway Street
[illegible], TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Loc: 600
48380

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 1
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664	PO #:			
Phone: (512) 671-3434	WO #:			
Email: chris.moore@pbwllc.com	Project #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D				I	F, A					
2012-RMSA-2(0.5-2.5')	1/5/12	1000	G	S			X				X	X				2	
2012-RMSA-3(1-3')		1038	G	S			X				X	X				2	
2012-RMSA-2(Recon GW)		1343	G	W			X									1	
Field Blank 1		1404	G	W								X				3	
Equipment Blank 2	↓	1412	G	W			X				X	X				5	
TRIP BLANK (1/5/12)	↓	—	—	W								X				2	

Page 689 of 690

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		1/5/12, 1704	PBW			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 1/6/12 1014	Company TAL
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

03/13/2012

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48380-1

Login Number: 48380

List Source: TestAmerica Houston

List Number: 1

Creator: Capps, Dana

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	5.2
Cooler Temperature is recorded.	True	545
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-48440-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
2/19/2012 1:42 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
02/19/2012

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Report Narrative 22
Method Summary 23
Method / Analyst Summary 24
Sample Summary 25
Sample Results 26
Sample Datasheets 27
Data Qualifiers 39
QC Results 40
Qc Association Summary 41
Surrogate Recovery Report 45
Qc Reports 47
Raw Data 61
Client Chain of Custody 591
Sample Receipt Checklist 592

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-48440-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		02/19/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: BDG	Prep Batch Number(s): 600-69984 – Sulfate

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: BDG	Prep Batch Number(s): 600-69984 – Sulfate

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: BDG	Prep Batch Number(s): 600-69984 – Sulfate

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the MS.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: BDG	Prep Batch Number(s): 600-69731 – Sulfate - Soluble

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				1
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: BDG	Prep Batch Number(s): 600-69731 – Sulfate - Soluble

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: BDG	Prep Batch Number(s): 600-69731 – Sulfate - Soluble

ER #[1]	DESCRIPTION
1	The Sulfate SDLs in samples 600-48440 - 1, 3, 5 and 6 were elevated due to the high concentrations of this analyte.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: TWR	Prep Batch Number(s): 600-69725(w), 69757(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: TWR	Prep Batch Number(s): 600-69725(w), 69757(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?		X			4
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?		X			5
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	6
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 01/17/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: TWR	Prep Batch Number(s): 600-69725(w), 69757(s)- ICP

ER #[1]	DESCRIPTION
1	Zinc was detected above the MDL, but below the MQL in the prep blank for batch 69725 and barium and zinc were detected above the MDL, but below the MQL in the prep blank for batch 69757. The levels of detection are below the recommended reporting limits and the appropriate flags have been applied.
2	The antimony and zinc recoveries in sample 48440-5 MS and the barium and antimony recoveries in sample 48440-5 MSD were below acceptance limits due to matrix interference. Method performance is demonstrated by acceptable LCS recoveries.
3	The arsenic, barium, chromium, nickel and zinc RPDs between samples 48440-5 and 48440-5 MD were above acceptance limits due to the non-homogenous nature of the samples.
4	The continuing calibration verification (CCV) for selenium associated with batch 69997 recovered above the upper control limit. The samples associated with this CCV were for QC purposes only and were within acceptance limits (PDS & SD) for the affected analytes; therefore, the data have been reported.
5	Beryllium was detected above the MDL in the ICB for batch 69825. Since the concentrations were below the MQL, no corrective action was required.
6	The laboratory selected another client's sample to perform as the PDS and SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: RJV	Prep Batch Number(s): 600-69827(W), 69792(S)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	X				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?				X	1
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
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5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: RJV	Prep Batch Number(s): 600-69827(W), 69792(S)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
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Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48440
Reviewer Name: RJV	Prep Batch Number(s): 600-69827(W), 69792(S)- TX1005

ER #[1]	DESCRIPTION
1	The laboratory selected samples from other groups to perform as the MS/MSDs.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Detection Check Standard

Matrix: Soil
Method: 300.0, 9056
Preparation: DI LEACH
Date Analyzed: 12/29/2011
Date Prepared: 12/29/2011
TALs Batches: N/A
Units: mg/Kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Fluoride	0.27	0.8	0.89	2
Chloride	0.24	0.7	0.751	4
Nitrite	0.25836	0.75	0.849	2
Bromide	0.37	1	0.984	2
Nitrate	0.03	0.1	0.349	2
Orthophosphate	0.7501	2	2.075	2
Sulfate	0.61	1.75	1.851	4

Detection Check Standard

Matrix: Water
Method: 300.0, 9056
Preparation: N/A
Date Analyzed: 12/29/2011
Date Prepared: 12/29/2011
TALs Batches: N/A
Units: mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Fluoride	0.02199	0.06	0.069	0.2
Chloride	0.141347	0.4	0.643	0.4
Nitrite	0.081	0.2	0.434	0.2
Bromide	0.022912	0.06	0.095	0.2
Nitrate	0.010952	0.03	0.032	0.2
Orthophosphate	0.162	0.3	0.453	0.2
Sulfate	0.269171	0.75	1.01	0.4

Detection Check Standard

Matrix:	Soil
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	BO80211_034.d
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	4.67	10	12.86	25
>C12-C28	6.06	10	9.43	25
Total C6-C35	9.59	20	22.28	25

Detection Check Standard

Matrix:	Water
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	B080211_034.d
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	0.37	5	4.97	5
>C12-C28	0.32	5	5.16	5
Total C6-C35	0.56	10	10.13	5

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

Metals
Method(s) 200.7, 3010A: Due to the matrix, the initial volume(s) used for the following sample(s) deviated from the standard procedure: 2012-RMSA-4(Recon GW) (600-48440-4). The reporting limits (RLs) have been adjusted proportionately.

No other analytical or quality issues were noted.

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_S_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals	TAL HOU		SW846 3050B
Anions, Ion Chromatography	TAL HOU	SW846 9056	
Deionized Water Leaching Procedure	TAL HOU		ASTM DI Leach
Percent Moisture	TAL HOU	EPA Moisture	
Matrix: Water			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_W_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals	TAL HOU		SW846 3010A
Anions, Ion Chromatography	TAL HOU	MCAWW 300.0	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TCEQ = Texas Commission of Environmental Quality

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Method	Analyst	Analyst ID
TCEQ TX 1005	Vanderborgh, Raymond	RV
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
MCAWW 300.0	Puranik, Surendra U	SUP
SW846 9056	Puranik, Surendra U	SUP
EPA Moisture	Boza, Michael	MB

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-48440-1	2012-RMSA-4(1.5-3.5')	Solid	01/06/2012 0925	01/07/2012 1033
600-48440-2	Field Blank 2	Water	01/06/2012 1044	01/07/2012 1033
600-48440-3	2012-RMSA-1(1.5-2.5')	Solid	01/06/2012 1116	01/07/2012 1033
600-48440-4	2012-RMSA-4(Recon GW)	Water	01/06/2012 1127	01/07/2012 1033
600-48440-5	2012 CUFT-1(0-2')	Solid	01/06/2012 1356	01/07/2012 1033
600-48440-6	2012 CUFT-2 (0-2')	Solid	01/06/2012 1412	01/07/2012 1033
600-48440-7	Trip Blank	Water	01/06/2012 0000	01/07/2012 1033
600-48440-8	Equipment Blank 3	Water	01/06/2012 1418	01/07/2012 1033

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-4(1.5-3.5')

Lab Sample ID: 600-48440-1
Client Matrix: Solid

Date Sampled: 01/06/2012 09:25
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69757	01/10/2012 13:17		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69727	01/10/2012 08:51		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	26			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Percent Solids	STL00234	74			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	2.53			0.0256	0.250	0.0347	mg/Kg	69825	01/11/2012 09:34	1	SRP
Lead	7439-92-1	856			0.105	0.500	0.142	mg/Kg	69825	01/11/2012 09:34	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.29	U		4.67	25.0	6.29	mg/Kg	72332	01/12/2012 04:20	1	RV
>C12-C28	STL00035	8.16	U		6.06	25.0	8.16	mg/Kg	72332	01/12/2012 04:20	1	RV
>C28-C35	STL00147	12.9	U		9.59	25.0	12.9	mg/Kg	72332	01/12/2012 04:20	1	RV
C6-C35	STL00006	12.9	U		9.59	25.0	12.9	mg/Kg	72332	01/12/2012 04:20	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		15.0	16.8	89	70-130		FID07	69727	01/12/2012 04:20	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-4(1.5-3.5')

Lab Sample ID: 600-48440-1 DL
Client Matrix: Solid

Date Sampled: 01/06/2012 09:25
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9056,Solid,Soluble										Dry Weight Corrected?:		Y
Sulfate	14808-79-8	1060			2.00	5.00	27.0	mg/Kg	69816	01/10/2012 15:07	10	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Field Blank 2

Lab Sample ID: 600-48440-2
Client Matrix: Water

Date Sampled: 01/06/2012 10:44
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69827	01/11/2012 10:44		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.363	U		0.370	5.00	0.363	mg/L	72332	01/12/2012 00:11	1	RV
>C12-C28	STL00035	0.314	U		0.320	5.00	0.314	mg/L	72332	01/12/2012 00:11	1	RV
>C28-C35	STL00147	0.549	U		0.560	5.00	0.549	mg/L	72332	01/12/2012 00:11	1	RV
C6-C35	STL00006	0.549	U		0.560	5.00	0.549	mg/L	72332	01/12/2012 00:11	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.29	1.63	79	70-130		FID07	69827	01/12/2012 00:11	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-1(1.5-2.5')

Lab Sample ID: 600-48440-3
Client Matrix: Solid

Date Sampled: 01/06/2012 11:16
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69757	01/10/2012 13:17		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69727	01/10/2012 08:51		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	5.5			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Percent Solids	STL00234	94			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.27			0.0256	0.250	0.0264	mg/Kg	69825	01/11/2012 09:37	1	SRP
Lead	7439-92-1	116			0.105	0.500	0.108	mg/Kg	69825	01/11/2012 09:37	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	4.94	U		4.67	25.0	4.94	mg/Kg	72332	01/12/2012 04:55	1	RV
>C12-C28	STL00035	6.41	U		6.06	25.0	6.41	mg/Kg	72332	01/12/2012 04:55	1	RV
>C28-C35	STL00147	10.1	U		9.59	25.0	10.1	mg/Kg	72332	01/12/2012 04:55	1	RV
C6-C35	STL00006	10.1	U		9.59	25.0	10.1	mg/Kg	72332	01/12/2012 04:55	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		11.3	13.2	85	70-130		FID07	69727	01/12/2012 04:55	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-1(1.5-2.5')

Lab Sample ID: 600-48440-3 DL
Client Matrix: Solid

Date Sampled: 01/06/2012 11:16
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9056,Solid,Soluble										Dry Weight Corrected?:		Y
Sulfate	14808-79-8	1030			2.00	5.00	21.2	mg/Kg	69816	01/10/2012 16:19	10	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-RMSA-4(Recon GW)

Lab Sample ID: 600-48440-4
Client Matrix: Water

Date Sampled: 01/06/2012 11:27
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69725	01/10/2012 08:35		NER
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.0400			0.000350	0.00500	0.00175	mg/L	69997	01/13/2012 08:54	1	DCL
Lead	7439-92-1	1.68			0.00290	0.0100	0.0145	mg/L	69997	01/13/2012 08:54	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 CUFT-1(0-2')

Lab Sample ID: 600-48440-5
Client Matrix: Solid

Date Sampled: 01/06/2012 13:56
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69757	01/10/2012 13:17		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	23			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Percent Solids	STL00234	77			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Silver	7440-22-4	0.150	U		0.119	0.500	0.150	mg/Kg	69825	01/11/2012 09:41	1	SRP
Arsenic	7440-38-2	7.18			0.218	1.00	0.276	mg/Kg	69825	01/11/2012 09:41	1	SRP
Barium	7440-39-3	50.8		b	0.0113	1.00	0.0143	mg/Kg	69825	01/11/2012 09:41	1	SRP
Beryllium	7440-41-7	0.764			0.0145	0.250	0.0184	mg/Kg	69825	01/11/2012 09:41	1	SRP
Cadmium	7440-43-9	0.344			0.0256	0.250	0.0325	mg/Kg	69825	01/11/2012 09:41	1	SRP
Chromium	7440-47-3	8.22			0.0506	0.500	0.0641	mg/Kg	69825	01/11/2012 09:41	1	SRP
Nickel	7440-02-0	12.4			0.117	1.00	0.148	mg/Kg	69825	01/11/2012 09:41	1	SRP
Lead	7439-92-1	12.8			0.105	0.500	0.133	mg/Kg	69825	01/11/2012 09:41	1	SRP
Antimony	7440-36-0	0.293	U		0.232	2.50	0.293	mg/Kg	69825	01/11/2012 09:41	1	SRP
Selenium	7782-49-2	0.328	U		0.259	2.00	0.328	mg/Kg	69825	01/11/2012 09:41	1	SRP
Zinc	7440-66-6	54.5		b	0.108	1.50	0.137	mg/Kg	69825	01/11/2012 09:41	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 CUFT-1(0-2')

Lab Sample ID: 600-48440-5 DL
Client Matrix: Solid

Date Sampled: 01/06/2012 13:56
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9056,Solid,Soluble										Dry Weight Corrected?:		Y
Sulfate	14808-79-8	7370			2.00	5.00	51.7	mg/Kg	69816	01/10/2012 17:02	20	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 CUFT-2 (0-2')

Lab Sample ID: 600-48440-6
Client Matrix: Solid

Date Sampled: 01/06/2012 14:12
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69757	01/10/2012 13:17		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	21			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Percent Solids	STL00234	79			1.0	1.0	1.0	%	69699	01/09/2012 16:05	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Silver	7440-22-4	0.145	U		0.119	0.500	0.145	mg/Kg	69825	01/11/2012 09:57	1	SRP
Arsenic	7440-38-2	6.83			0.218	1.00	0.267	mg/Kg	69825	01/11/2012 09:57	1	SRP
Barium	7440-39-3	49.5		b	0.0113	1.00	0.0139	mg/Kg	69825	01/11/2012 09:57	1	SRP
Beryllium	7440-41-7	0.806			0.0145	0.250	0.0178	mg/Kg	69825	01/11/2012 09:57	1	SRP
Cadmium	7440-43-9	0.466			0.0256	0.250	0.0314	mg/Kg	69825	01/11/2012 09:57	1	SRP
Chromium	7440-47-3	9.52			0.0506	0.500	0.0619	mg/Kg	69825	01/11/2012 09:57	1	SRP
Nickel	7440-02-0	9.07			0.117	1.00	0.143	mg/Kg	69825	01/11/2012 09:57	1	SRP
Lead	7439-92-1	33.2			0.105	0.500	0.128	mg/Kg	69825	01/11/2012 09:57	1	SRP
Antimony	7440-36-0	0.283	U		0.232	2.50	0.283	mg/Kg	69825	01/11/2012 09:57	1	SRP
Selenium	7782-49-2	0.317	U		0.259	2.00	0.317	mg/Kg	69825	01/11/2012 09:57	1	SRP
Zinc	7440-66-6	45.2		b	0.108	1.50	0.133	mg/Kg	69825	01/11/2012 09:57	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 CUFT-2 (0-2')

Lab Sample ID: 600-48440-6 DL
Client Matrix: Solid

Date Sampled: 01/06/2012 14:12
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9056,Solid,Soluble										Dry Weight Corrected?:		Y
Sulfate	14808-79-8	8190			2.00	5.00	50.4	mg/Kg	69903	01/12/2012 00:26	20	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Trip Blank

Lab Sample ID: 600-48440-7
Client Matrix: Water

Date Sampled: 01/06/2012 00:00
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69827	01/11/2012 10:44		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.366	U		0.370	5.00	0.366	mg/L	72332	01/12/2012 01:22	1	RV
>C12-C28	STL00035	0.317	U		0.320	5.00	0.317	mg/L	72332	01/12/2012 01:22	1	RV
>C28-C35	STL00147	0.554	U		0.560	5.00	0.554	mg/L	72332	01/12/2012 01:22	1	RV
C6-C35	STL00006	0.554	U		0.560	5.00	0.554	mg/L	72332	01/12/2012 01:22	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.32	1.65	80	70-130		FID07	69827	01/12/2012 01:22	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48440-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Equipment Blank 3

Lab Sample ID: 600-48440-8
Client Matrix: Water

Date Sampled: 01/06/2012 14:18
Date Received: 01/07/2012 10:33

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69725	01/10/2012 08:35		NER
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							69827	01/11/2012 10:44		NV
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	1.26			0.200	0.500	0.200	mg/L	69984	01/12/2012 17:36	1	SUP
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	69997	01/13/2012 08:57	1	DCL
Lead	7439-92-1	0.0121			0.00290	0.0100	0.00290	mg/L	69997	01/13/2012 08:57	1	DCL
Antimony	7440-36-0	0.00630	U		0.00630	0.0500	0.00630	mg/L	69997	01/13/2012 08:57	1	DCL
Beryllium	7440-41-7	0.00134	U		0.00134	0.00500	0.00134	mg/L	69997	01/13/2012 08:57	1	DCL
Barium	7440-39-3	0.00490	J		0.00220	0.0200	0.00220	mg/L	69997	01/13/2012 08:57	1	DCL
Nickel	7440-02-0	0.00179	U		0.00179	0.0100	0.00179	mg/L	69997	01/13/2012 08:57	1	DCL
Silver	7440-22-4	0.00125	U		0.00125	0.0100	0.00125	mg/L	69997	01/13/2012 08:57	1	DCL
Arsenic	7440-38-2	0.00328	U		0.00328	0.0100	0.00328	mg/L	69997	01/13/2012 08:57	1	DCL
Zinc	7440-66-6	0.00480	J	b	0.00217	0.0100	0.00217	mg/L	69997	01/13/2012 08:57	1	DCL
Selenium	7782-49-2	0.00417	U		0.00417	0.0400	0.00417	mg/L	69997	01/13/2012 08:57	1	DCL
Chromium	7440-47-3	0.00155	U		0.00155	0.0100	0.00155	mg/L	69997	01/13/2012 08:57	1	DCL
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.361	U		0.370	5.00	0.361	mg/L	72332	01/12/2012 01:58	1	RV
>C12-C28	STL00035	0.312	U		0.320	5.00	0.312	mg/L	72332	01/12/2012 01:58	1	RV
>C28-C35	STL00147	0.546	U		0.560	5.00	0.546	mg/L	72332	01/12/2012 01:58	1	RV
C6-C35	STL00006	0.546	U		0.560	5.00	0.546	mg/L	72332	01/12/2012 01:58	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.44	1.62	89	70-130		FID07	69827	01/12/2012 01:58	1	RV

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48440-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Analyte was not detected at or above the SDL.
Metals		
	U	Analyte was not detected at or above the SDL.
	F	Duplicate RPD exceeds the control limit
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	b	The compound was found in the blank and sample
General Chemistry		
	U	Analyte was not detected at or above the SDL.

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 600-69727					
600-48440-1	2012-RMSA-4(1.5-3.5')	T	Solid	TX_1005_S_Prep	
600-48440-3	2012-RMSA-1(1.5-2.5')	T	Solid	TX_1005_S_Prep	
Prep Batch: 600-69827					
LCS 600-69827/2-A	Lab Control Sample	T	Water	TX_1005_W_Pre	
MB 600-69827/1-A	Method Blank	T	Water	TX_1005_W_Pre	
600-48440-2	Field Blank 2	T	Water	TX_1005_W_Pre	
600-48440-7	Trip Blank	T	Water	TX_1005_W_Pre	
600-48440-8	Equipment Blank 3	T	Water	TX_1005_W_Pre	
Analysis Batch:600-72332					
LCS 600-69827/2-A	Lab Control Sample	T	Water	TX 1005	600-69827
MB 600-69827/1-A	Method Blank	T	Water	TX 1005	600-69827
600-48440-1	2012-RMSA-4(1.5-3.5')	T	Solid	TX 1005	600-69727
600-48440-2	Field Blank 2	T	Water	TX 1005	600-69827
600-48440-3	2012-RMSA-1(1.5-2.5')	T	Solid	TX 1005	600-69727
600-48440-7	Trip Blank	T	Water	TX 1005	600-69827
600-48440-8	Equipment Blank 3	T	Water	TX 1005	600-69827

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-69725					
LCS 600-69725/2-A	Lab Control Sample	T	Water	3010A	
MB 600-69725/1-A	Method Blank	T	Water	3010A	
600-48440-4	2012-RMSA-4(Recon GW)	T	Water	3010A	
600-48440-8	Equipment Blank 3	T	Water	3010A	
600-48440-8DU	Duplicate	T	Water	3010A	
600-48440-8MS	Matrix Spike	T	Water	3010A	
600-48440-8MSD	Matrix Spike Duplicate	T	Water	3010A	
Prep Batch: 600-69757					
LCS 600-69757/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-69757/1-A	Method Blank	T	Solid	3050B	
600-48440-1	2012-RMSA-4(1.5-3.5')	T	Solid	3050B	
600-48440-3	2012-RMSA-1(1.5-2.5')	T	Solid	3050B	
600-48440-5	2012 CUFT-1(0-2')	T	Solid	3050B	
600-48440-5DU	Duplicate	T	Solid	3050B	
600-48440-5MS	Matrix Spike	T	Solid	3050B	
600-48440-5MSD	Matrix Spike Duplicate	T	Solid	3050B	
600-48440-6	2012 CUFT-2 (0-2')	T	Solid	3050B	
Analysis Batch:600-69825					
LCS 600-69757/2-A	Lab Control Sample	T	Solid	6010B	600-69757
MB 600-69757/1-A	Method Blank	T	Solid	6010B	600-69757
600-48440-1	2012-RMSA-4(1.5-3.5')	T	Solid	6010B	600-69757
600-48440-3	2012-RMSA-1(1.5-2.5')	T	Solid	6010B	600-69757
600-48440-5	2012 CUFT-1(0-2')	T	Solid	6010B	600-69757
600-48440-5DU	Duplicate	T	Solid	6010B	600-69757
600-48440-5MS	Matrix Spike	T	Solid	6010B	600-69757
600-48440-5MSD	Matrix Spike Duplicate	T	Solid	6010B	600-69757
600-48440-6	2012 CUFT-2 (0-2')	T	Solid	6010B	600-69757
Analysis Batch:600-69997					
LCS 600-69725/2-A	Lab Control Sample	T	Water	6010B	600-69725
MB 600-69725/1-A	Method Blank	T	Water	6010B	600-69725
600-48440-4	2012-RMSA-4(Recon GW)	T	Water	6010B	600-69725
600-48440-8	Equipment Blank 3	T	Water	6010B	600-69725
600-48440-8DU	Duplicate	T	Water	6010B	600-69725
600-48440-8MS	Matrix Spike	T	Water	6010B	600-69725
600-48440-8MSD	Matrix Spike Duplicate	T	Water	6010B	600-69725

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:600-70097					
LCS 600-69725/2-A	Lab Control Sample	T	Water	6010B	600-69725
MB 600-69725/1-A	Method Blank	T	Water	6010B	600-69725
600-48440-8	Equipment Blank 3	T	Water	6010B	600-69725
600-48440-8DU	Duplicate	T	Water	6010B	600-69725
600-48440-8MS	Matrix Spike	T	Water	6010B	600-69725
600-48440-8MSD	Matrix Spike Duplicate	T	Water	6010B	600-69725

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-69699					
600-48440-1	2012-RMSA-4(1.5-3.5')	T	Solid	Moisture	
600-48440-1DU	Duplicate	T	Solid	Moisture	
600-48440-3	2012-RMSA-1(1.5-2.5')	T	Solid	Moisture	
600-48440-5	2012 CUFT-1(0-2')	T	Solid	Moisture	
600-48440-6	2012 CUFT-2 (0-2')	T	Solid	Moisture	
Prep Batch: 600-69731					
LCS 600-69731/2-A	Lab Control Sample	S	Solid	DI Leach	
MB 600-69731/1-A	Method Blank	S	Solid	DI Leach	
600-48440-1	2012-RMSA-4(1.5-3.5')	S	Solid	DI Leach	
600-48440-1DL	2012-RMSA-4(1.5-3.5')	S	Solid	DI Leach	
600-48440-3	2012-RMSA-1(1.5-2.5')	S	Solid	DI Leach	
600-48440-3DL	2012-RMSA-1(1.5-2.5')	S	Solid	DI Leach	
600-48440-5DL	2012 CUFT-1(0-2')	S	Solid	DI Leach	
600-48440-5DUDL	Duplicate	S	Solid	DI Leach	
600-48440-5MSDL	Matrix Spike	S	Solid	DI Leach	
600-48440-6DL	2012 CUFT-2 (0-2')	S	Solid	DI Leach	
Analysis Batch:600-69816					
LCS 600-69731/2-A	Lab Control Sample	S	Solid	9056	
MB 600-69731/1-A	Method Blank	S	Solid	9056	
600-48440-1	2012-RMSA-4(1.5-3.5')	S	Solid	9056	
600-48440-1DL	2012-RMSA-4(1.5-3.5')	S	Solid	9056	
600-48440-3	2012-RMSA-1(1.5-2.5')	S	Solid	9056	
600-48440-3DL	2012-RMSA-1(1.5-2.5')	S	Solid	9056	
600-48440-5DL	2012 CUFT-1(0-2')	S	Solid	9056	
600-48440-5DUDL	Duplicate	S	Solid	9056	
600-48440-5MSDL	Matrix Spike	S	Solid	9056	
600-48440-6DL	2012 CUFT-2 (0-2')	S	Solid	9056	
Analysis Batch:600-69903					
600-48440-6DL	2012 CUFT-2 (0-2')	S	Solid	9056	
Analysis Batch:600-69984					
LCS 600-69984/5	Lab Control Sample	T	Water	300.0	
MB 600-69984/4	Method Blank	T	Water	300.0	
600-48440-8	Equipment Blank 3	T	Water	300.0	

Report Basis

S = Soluble

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec
600-48440-1	2012-RMSA-4(1.5-3.5')	89
600-48440-3	2012-RMSA-1(1.5-2.5')	85

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH %Rec
600-48440-2	Field Blank 2	79
600-48440-7	Trip Blank	80
600-48440-8	Equipment Blank 3	89
MB 600-69827/1-A		87
LCS 600-69827/2-A		101

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Method Blank - Batch: 600-69827

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	MB 600-69827/1-A	Analysis Batch:	600-72332	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-69827	Lab File ID:	B011112_003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 mL
Analysis Date:	01/11/2012 1853	Units:	mg/L	Final Weight/Volume:	3.00 mL
Prep Date:	01/11/2012 1044			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
C6-C12	0.370	U	0.370	5.00
>C12-C28	0.320	U	0.320	5.00
>C28-C35	0.560	U	0.560	5.00
C6-C35	0.560	U	0.560	5.00

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	87	70 - 130

Lab Control Sample - Batch: 600-69827

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	LCS 600-69827/2-A	Analysis Batch:	600-72332	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-69827	Lab File ID:	B011112_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 mL
Analysis Date:	01/11/2012 1928	Units:	mg/L	Final Weight/Volume:	3.00 mL
Prep Date:	01/11/2012 1044			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	33.3	26.41	79	75 - 125	
>C12-C28	33.3	37.84	114	75 - 125	
C6-C35	66.7	64.25	96	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	101	70 - 130

Method Blank - Batch: 600-69725

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-69725/1-A	Analysis Batch:	600-69997	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011312.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/13/2012 0846	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.000350	U	0.000350	0.00500
Beryllium	0.00134	U	0.00134	0.00500
Barium	0.00220	U	0.00220	0.0200
Lead	0.00290	U	0.00290	0.0100
Antimony	0.00630	U	0.00630	0.0500
Nickel	0.00179	U	0.00179	0.0100
Silver	0.00125	U	0.00125	0.0100
Arsenic	0.00328	U	0.00328	0.0100
Zinc	0.002400	J	0.00217	0.0100
Selenium	0.00417	U	0.00417	0.0400
Chromium	0.00155	U	0.00155	0.0100

Method Blank - Batch: 600-69725

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-69725/1-A	Analysis Batch:	600-70097	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/14/2012 1413	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.000350	U	0.000350	0.00500
Beryllium	0.00134	U	0.00134	0.00500
Barium	0.00220	U	0.00220	0.0200
Lead	0.00290	U	0.00290	0.0100
Antimony	0.00630	U	0.00630	0.0500
Nickel	0.00179	U	0.00179	0.0100
Silver	0.00125	U	0.00125	0.0100
Arsenic	0.00328	U	0.00328	0.0100
Zinc	0.003000	J	0.00217	0.0100
Selenium	0.00417	U	0.00417	0.0400
Chromium	0.00155	U	0.00155	0.0100

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Lab Control Sample - Batch: 600-69725

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-69725/2-A	Analysis Batch:	600-69997	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011312.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/13/2012 0849	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.5074	101	80 - 120	
Beryllium	0.500	0.5128	103	80 - 120	
Barium	1.00	1.032	103	80 - 120	
Lead	1.00	1.000	100	80 - 120	
Antimony	1.00	1.024	102	80 - 120	
Nickel	1.00	1.004	100	80 - 120	
Silver	0.500	0.4924	98	80 - 120	
Arsenic	1.00	1.045	105	80 - 120	
Zinc	1.00	0.9734	97	80 - 120	
Selenium	1.00	1.068	107	80 - 120	
Chromium	1.00	0.9519	95	80 - 120	

Lab Control Sample - Batch: 600-69725

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-69725/2-A	Analysis Batch:	600-70097	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/14/2012 1416	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.4779	96	80 - 120	
Beryllium	0.500	0.5024	100	80 - 120	
Barium	1.00	1.036	104	80 - 120	
Lead	1.00	0.9794	98	80 - 120	
Antimony	1.00	0.9723	97	80 - 120	
Nickel	1.00	0.9813	98	80 - 120	
Silver	0.500	0.5001	100	80 - 120	
Arsenic	1.00	0.9788	98	80 - 120	
Zinc	1.00	0.9438	94	80 - 120	
Selenium	1.00	1.006	101	80 - 120	
Chromium	1.00	0.9604	96	80 - 120	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69725

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48440-8	Analysis Batch:	600-69997	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011312.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/13/2012 0902			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48440-8	Analysis Batch:	600-69997	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011312.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/13/2012 0905			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	101	103	75 - 125	2	20		
Beryllium	103	103	75 - 125	0	20		
Barium	104	104	75 - 125	0	20		
Lead	98	100	75 - 125	2	20		
Antimony	102	105	75 - 125	3	20		
Nickel	99	101	75 - 125	2	20		
Silver	99	100	75 - 125	1	20		
Arsenic	103	106	75 - 125	3	20		
Zinc	95	97	75 - 125	2	20		
Selenium	107	110	75 - 125	3	20		
Chromium	93	95	75 - 125	1	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69725

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48440-8	Analysis Batch:	600-70097	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/14/2012 1431			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48440-8	Analysis Batch:	600-70097	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/14/2012 1434			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	95	98	75 - 125	3	20		
Beryllium	98	101	75 - 125	3	20		
Barium	100	102	75 - 125	3	20		
Lead	97	100	75 - 125	3	20		
Antimony	96	101	75 - 125	4	20		
Nickel	97	100	75 - 125	3	20		
Silver	98	99	75 - 125	1	20		
Arsenic	97	100	75 - 125	3	20		
Zinc	93	96	75 - 125	3	20		
Selenium	100	103	75 - 125	3	20		
Chromium	95	96	75 - 125	1	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69725

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48440-8	Units:	mg/L	MSD Lab Sample ID:	600-48440-8
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/13/2012 0902			Analysis Date:	01/13/2012 0905
Prep Date:	01/10/2012 0835			Prep Date:	01/10/2012 0835
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.5043	0.5140
Beryllium	0.00134	U	0.500	0.500	0.5127	0.5140
Barium	0.00490	J	1.00	1.00	1.043	1.042
Lead	0.0121		1.00	1.00	0.9951	1.017
Antimony	0.00630	U	1.00	1.00	1.020	1.052
Nickel	0.00179	U	1.00	1.00	0.9922	1.012
Silver	0.00125	U	0.500	0.500	0.4935	0.4979
Arsenic	0.00328	U	1.00	1.00	1.033	1.062
Zinc	0.00480	J	1.00	1.00	0.9559	0.9752
Selenium	0.00417	U	1.00	1.00	1.067	1.098
Chromium	0.00155	U	1.00	1.00	0.9347	0.9463

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69725

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48440-8	Units:	mg/L	MSD Lab Sample ID:	600-48440-8
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/14/2012 1431			Analysis Date:	01/14/2012 1434
Prep Date:	01/10/2012 0835			Prep Date:	01/10/2012 0835
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.4746	0.4896
Beryllium	0.00134	U	0.500	0.500	0.4879	0.5035
Barium	0.00540	J	1.00	1.00	1.002	1.029
Lead	0.0113		1.00	1.00	0.9794	1.007
Antimony	0.00630	U	1.00	1.00	0.9625	1.006
Nickel	0.00179	U	1.00	1.00	0.9699	1.003
Silver	0.00125	U	0.500	0.500	0.4881	0.4947
Arsenic	0.00328	U	1.00	1.00	0.9701	0.9986
Zinc	0.00440	J	1.00	1.00	0.9299	0.9603
Selenium	0.00417	U	1.00	1.00	0.9976	1.029
Chromium	0.00155	U	1.00	1.00	0.9477	0.9597

Duplicate - Batch: 600-69725 **Method: 6010B**
Preparation: 3010A

Lab Sample ID:	600-48440-8	Analysis Batch:	600-69997	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011312.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/13/2012 0900	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.000350	U	0.000350	NC	20	U
Beryllium	0.00134	U	0.00134	NC	20	U
Barium	0.00490	J	0.003000	48	20	J
Lead	0.0121		0.01000	19	20	
Antimony	0.00630	U	0.00630	NC	20	U
Nickel	0.00179	U	0.00179	NC	20	U
Silver	0.00125	U	0.00125	NC	20	U
Arsenic	0.00328	U	0.00328	NC	20	U
Zinc	0.00480	J	0.004200	13	20	J
Selenium	0.00417	U	0.00417	NC	20	U
Chromium	0.00155	U	0.00155	NC	20	U

Duplicate - Batch: 600-69725 **Method: 6010B**
Preparation: 3010A

Lab Sample ID:	600-48440-8	Analysis Batch:	600-70097	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69725	Lab File ID:	A011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/14/2012 1429	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 0835				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.000350	U	0.000350	NC	20	U
Beryllium	0.00134	U	0.00134	NC	20	U
Barium	0.00540	J	0.002700	67	20	J
Lead	0.0113		0.01050	7	20	
Antimony	0.00630	U	0.00630	NC	20	U
Nickel	0.00179	U	0.00179	NC	20	U
Silver	0.00125	U	0.00125	NC	20	U
Arsenic	0.00328	U	0.00328	NC	20	U
Zinc	0.00440	J	0.003900	12	20	J
Selenium	0.00417	U	0.00417	NC	20	U
Chromium	0.00155	U	0.00155	NC	20	U

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Method Blank - Batch: 600-69757

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-69757/1-A	Analysis Batch:	600-69825	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69757	Lab File ID:	A011112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/11/2012 0801	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 1317				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Beryllium	0.0145	U	0.0145	0.250
Barium	0.03200	J	0.0113	1.00
Lead	0.105	U	0.105	0.500
Antimony	0.232	U	0.232	2.50
Nickel	0.117	U	0.117	1.00
Silver	0.119	U	0.119	0.500
Arsenic	0.218	U	0.218	1.00
Zinc	0.2015	J	0.108	1.50
Selenium	0.259	U	0.259	2.00
Chromium	0.0506	U	0.0506	0.500

Lab Control Sample - Batch: 600-69757

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-69757/2-A	Analysis Batch:	600-69825	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69757	Lab File ID:	A011112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/11/2012 0805	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 1317				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	65.61	92	81 - 119	
Beryllium	157	139.6	89	83 - 117	
Barium	269	231.7	86	80 - 120	
Lead	144	119.6	83	79 - 121	
Antimony	117	80.38	69	50 - 150	
Nickel	130	121.8	94	81 - 119	
Silver	45.1	40.52	90	66 - 134	
Arsenic	138	124.1	90	78 - 122	
Zinc	223	206.8	93	79 - 121	
Selenium	200	184.5	92	80 - 120	
Chromium	105	93.70	89	81 - 119	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69757

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48440-5	Analysis Batch:	600-69825	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69757	Lab File ID:	A011112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	01/11/2012 0949			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 1317				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48440-5	Analysis Batch:	600-69825	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69757	Lab File ID:	A011112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	01/11/2012 0953			Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 1317				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	82	85	75 - 125	4	20		
Beryllium	84	87	75 - 125	4	20		
Barium	77	51	75 - 125	17	20		N
Lead	88	88	75 - 125	1	20		
Antimony	30	29	75 - 125	3	20	N	N
Nickel	80	80	75 - 125	0	20		
Silver	87	89	75 - 125	3	20		
Arsenic	83	87	75 - 125	5	20		
Zinc	72	89	75 - 125	11	20	N	
Selenium	78	80	75 - 125	3	20		
Chromium	87	89	75 - 125	3	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69757

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48440-5	Units: mg/Kg	MSD Lab Sample ID:	600-48440-5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	01/11/2012 0949		Analysis Date:	01/11/2012 0953	
Prep Date:	01/10/2012 1317		Prep Date:	01/10/2012 1317	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	0.344		31.3	31.6	26.03		27.11	
Beryllium	0.764		31.3	31.6	27.15		28.28	
Barium	50.8		62.7	63.3	99.06		83.37	N
Lead	12.8		62.7	63.3	67.68		68.39	
Antimony	0.293	U	62.7	63.3	18.56	N	18.04	N
Nickel	12.4		62.7	63.3	62.72		62.83	
Silver	0.150	U	31.3	31.6	27.42		28.13	
Arsenic	7.18		62.7	63.3	59.12		62.18	
Zinc	54.5		62.7	63.3	99.36	N	110.8	
Selenium	0.328	U	62.7	63.3	49.20		50.44	
Chromium	8.22		62.7	63.3	62.67		64.81	

Duplicate - Batch: 600-69757

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-48440-5	Analysis Batch:	600-69825	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-69757	Lab File ID:	A011112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/11/2012 0945	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/10/2012 1317				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.344		0.2750	22	20	J
Beryllium	0.764		0.5457	33	20	
Barium	50.8		24.43	70	20	F
Lead	12.8		13.43	5	20	
Antimony	0.293	U	0.287	NC	20	U
Nickel	12.4		6.585	61	20	F
Silver	0.150	U	0.148	NC	20	U
Arsenic	7.18		4.741	41	20	F
Zinc	54.5		41.68	27	20	F
Selenium	0.328	U	0.321	NC	20	U
Chromium	8.22		5.914	33	20	F

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Method Blank - Batch: 600-69984

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 600-69984/4	Analysis Batch:	600-69984	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	12.0000.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/12/2012 1156	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Sulfate	0.200	U	0.200	0.500

Lab Control Sample - Batch: 600-69984

Method: 300.0
Preparation: N/A

Lab Sample ID:	LCS 600-69984/5	Analysis Batch:	600-69984	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	13.0000.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/12/2012 1213	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	20.0	20.78	104	90 - 110	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Method Blank - Batch: 600-69816

Method: 9056
Preparation: N/A

Lab Sample ID:	MB 600-69731/1-A	Analysis Batch:	600-69816	Instrument ID:	WC16
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	14.0000.TXT
Dilution:	1.0	Leach Batch:	600-69731	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1302	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	01/09/2012 1500				

Analyte	Result	Qual	MDL	RL
Sulfate-Soluble	0.200	U	0.200	0.500

Lab Control Sample - Batch: 600-69816

Method: 9056
Preparation: N/A

Lab Sample ID:	LCS 600-69731/2-A	Analysis Batch:	600-69816	Instrument ID:	WC16
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	15.0000.TXT
Dilution:	1.0	Leach Batch:	600-69731	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1319	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	01/09/2012 1500				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate-Soluble	20.0	20.65	103	90 - 110	

Matrix Spike - Batch: 600-69816

Method: 9056
Preparation: N/A

Lab Sample ID:	600-48440-5DL	Analysis Batch:	600-69816	Instrument ID:	WC16
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	28.0000.TXT
Dilution:	20	Leach Batch:	600-69731	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1737	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A	Run Type:	DL		
Leach Date:	01/09/2012 1500				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate-Soluble	7370	2580	9561	85	80 - 120	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Duplicate - Batch: 600-69816

Method: 9056
Preparation: N/A

Lab Sample ID:	600-48440-5DL	Analysis Batch:	600-69816	Instrument ID:	WC16
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	27.0000.TXT
Dilution:	20	Leach Batch:	600-69731	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1719	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A	Run Type:	DL		
Leach Date:	01/09/2012 1500				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfate-Soluble	7370	7391	0.4	20	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Duplicate - Batch: 600-69699

Method: Moisture
Preparation: N/A

Lab Sample ID:	600-48440-1	Analysis Batch:	600-69699	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/09/2012 1605	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	26	24	7.00		
Percent Solids	74	76	2.00		

TX_1005

Texas - Total Petroleum Hydrocarbon (GC) by Method TX_1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm) GC Column (2): ID:

Client Sample ID	Lab Sample ID	OTPH #	OTPH #
2012-RMSA-4(1.5-3.5')	600-48440-1		89
2012-RMSA-1(1.5-2.5')	600-48440-3		85
	MB 600-69727/1-A	95	
	LCS 600-69727/2-A	107	

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Water Level: Low

GC Column (2): ID:

Client Sample ID	Lab Sample ID	OTPH #
Field Blank 2	600-48440-2	79
Trip Blank	600-48440-7	80
Equipment Blank 3	600-48440-8	89
	MB 600-69827/1-A	87
	LCS 600-69827/2-A	101

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A011112_015.d

Lab ID: LCS 600-69727/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	250	232.1	93	75-125	
>C12-C28	250	280.0	112	75-125	
C6-C35	500	512.1	102	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B011112_004.d

Lab ID: LCS 600-69827/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
C6-C12	33.3	26.41	79	75-125	
>C12-C28	33.3	37.84	114	75-125	
C6-C35	66.7	64.25	96	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab File ID: A011112_014.d Lab Sample ID: MB 600-69727/1-A

Matrix: Solid Date Extracted: 01/10/2012 08:51

Instrument ID: FID07 Date Analyzed: 01/12/2012 01:22

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-69727/2-A	A011112_015.d	01/12/2012 01:58
2012-RMSA-4(1.5-3.5')	600-48440-1	B011112_019.d	01/12/2012 04:20
2012-RMSA-1(1.5-2.5')	600-48440-3	B011112_020.d	01/12/2012 04:55

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab File ID: B011112_003.d Lab Sample ID: MB 600-69827/1-A

Matrix: Water Date Extracted: 01/11/2012 10:44

Instrument ID: FID07 Date Analyzed: 01/11/2012 18:53

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-69827/2-A	B011112_004.d	01/11/2012 19:28
Field Blank 2	600-48440-2	B011112_012.d	01/12/2012 00:11
Trip Blank	600-48440-7	B011112_014.d	01/12/2012 01:22
Equipment Blank 3	600-48440-8	B011112_015.d	01/12/2012 01:58

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Sample No.: CCVRT 600-72331/1 Date Analyzed: 01/11/2012 18:18

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): A011112_002.d Heated Purge: (Y/N) N

Calibration ID: 762

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				12.98		
UPPER LIMIT				13.08		
LOWER LIMIT				12.88		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-72331/1		01/11/2012 18:18	A011112_002.d	12.98		
CCV 600-72331/2		01/12/2012 00:47	A011112_013.d	12.98		
MB 600-69727/1-A		01/12/2012 01:22	A011112_014.d	12.98		
LCS 600-69727/2-A		01/12/2012 01:58	A011112_015.d	12.98		
600-48440-1	2012-RMSA-4(1.5-3.5')	01/12/2012 04:20	B011112_019.d	13.31		
600-48440-3	2012-RMSA-1(1.5-2.5')	01/12/2012 04:55	B011112_020.d	13.31		
CCV 600-72331/10		01/12/2012 06:06	A011112_022.d	12.98		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Sample No.: CCVRT 600-72332/1 Date Analyzed: 01/11/2012 18:18

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): B011112_002.d Heated Purge: (Y/N) N

Calibration ID: 767

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				13.31		
UPPER LIMIT				13.41		
LOWER LIMIT				13.21		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-72332/1		01/11/2012 18:18	B011112_002.d	13.31		
MB 600-69827/1-A		01/11/2012 18:53	B011112_003.d	13.31		
LCS 600-69827/2-A		01/11/2012 19:28	B011112_004.d	13.31		
600-48440-2	Field Blank 2	01/12/2012 00:11	B011112_012.d	13.31		
CCV 600-72332/8		01/12/2012 00:47	B011112_013.d	13.31		
600-48440-7	Trip Blank	01/12/2012 01:22	B011112_014.d	13.31		
600-48440-8	Equipment Blank 3	01/12/2012 01:58	B011112_015.d	13.31		
600-48440-1	2012-RMSA-4(1.5-3.5')	01/12/2012 04:20	B011112_019.d	13.31		
600-48440-3	2012-RMSA-1(1.5-2.5')	01/12/2012 04:55	B011112_020.d	13.31		
CCV 600-72332/14		01/12/2012 06:06	B011112_022.d	13.31		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Client Sample ID: 2012-RMSA-4(1.5-3.5') Lab Sample ID: 600-48440-1

Matrix: Solid Lab File ID: B011112_019.d

Analysis Method: TX 1005 Date Collected: 01/06/2012 09:25

Extraction Method: TX_1005_S_Prep Date Extracted: 01/10/2012 08:51

Sample wt/vol: 10.04(g) Date Analyzed: 01/12/2012 04:20

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: 26.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.29	U	33.7	6.29
STL00035	>C12-C28	8.16	U	33.7	8.16
STL00147	>C28-C35	12.9	U	33.7	12.9
STL00006	C6-C35	12.9	U	33.7	12.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_019.d
Lab Smp Id: 600-48440-B-1-A Client Smp ID: 2012-RMSA-4(1.5-3.5
Inj Date : 12-JAN-2012 04:20
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48440-B-1-A
Misc Info : 600-48440-B-1-A
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.040	Sample Weight
Uf	2.000	Unit Factor
M	26.039	% Moisture
Cpnd Variable		Local Compound Variable

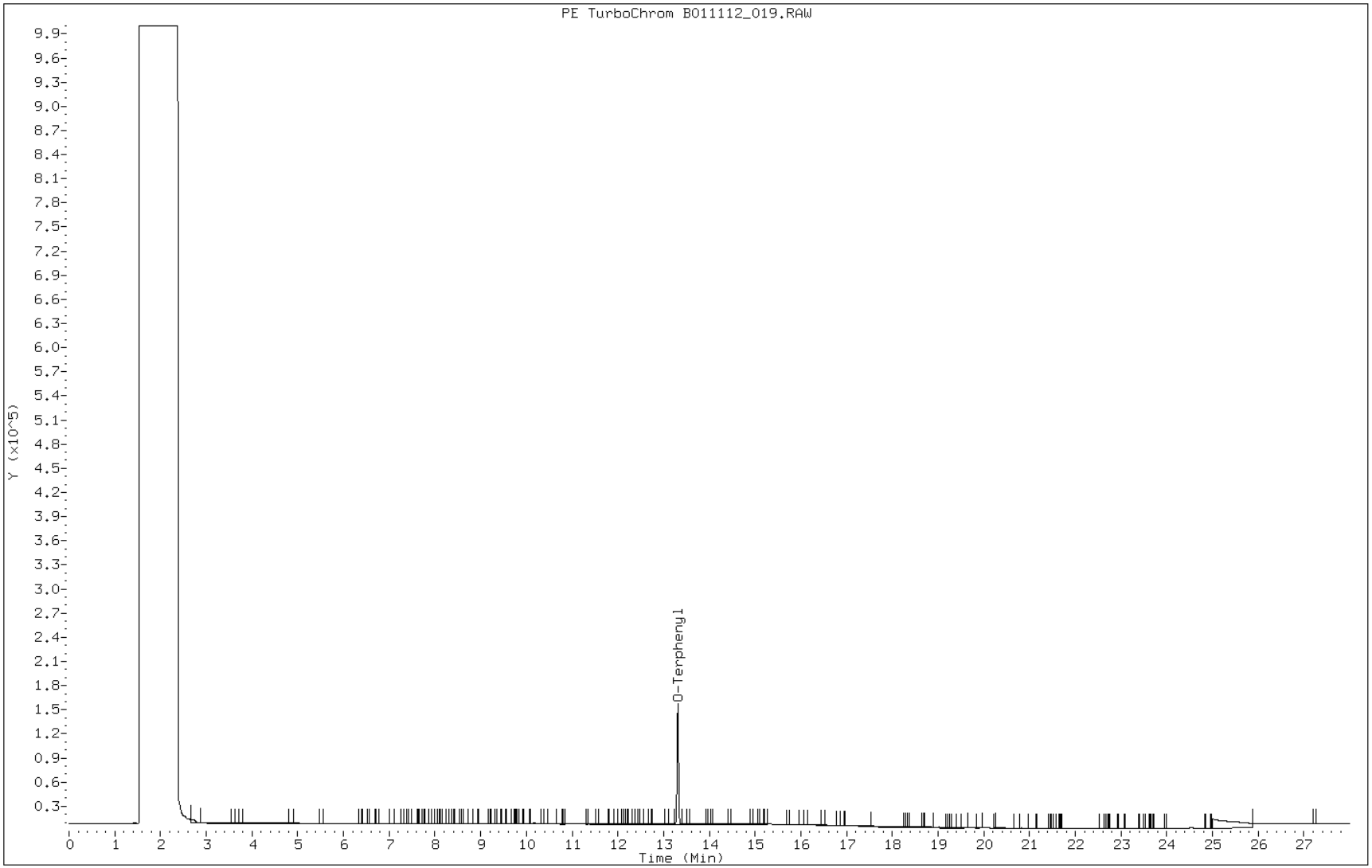
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	13.310	13.323	-0.013	345641	11.1197	14.97

Data File: B011112_019.d

Date: 12-JAN-2012 04:20

Client ID: 2012-RMSA-4(1.5-3.5 Instrument: FID-07.i

Sample Info: 600-48440-B-1-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48440-1

SDG No.:

Client Sample ID: Field Blank 2 | Lab Sample ID: 600-48440-2

Matrix: Water | Lab File ID: B011112_012.d

Analysis Method: TX 1005 | Date Collected: 01/06/2012 10:44

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.62(mL) | Date Analyzed: 01/12/2012 00:11

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.363	U	4.90	0.363
STL00035	>C12-C28	0.314	U	4.90	0.314
STL00147	>C28-C35	0.549	U	4.90	0.549
STL00006	C6-C35	0.549	U	4.90	0.549

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_012.d
Lab Smp Id: 600-48440-A-2-A Client Smp ID: Field Blank 2
Inj Date : 12-JAN-2012 00:11
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48440-A-2-A
Misc Info : 600-48440-A-2-A
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.620	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

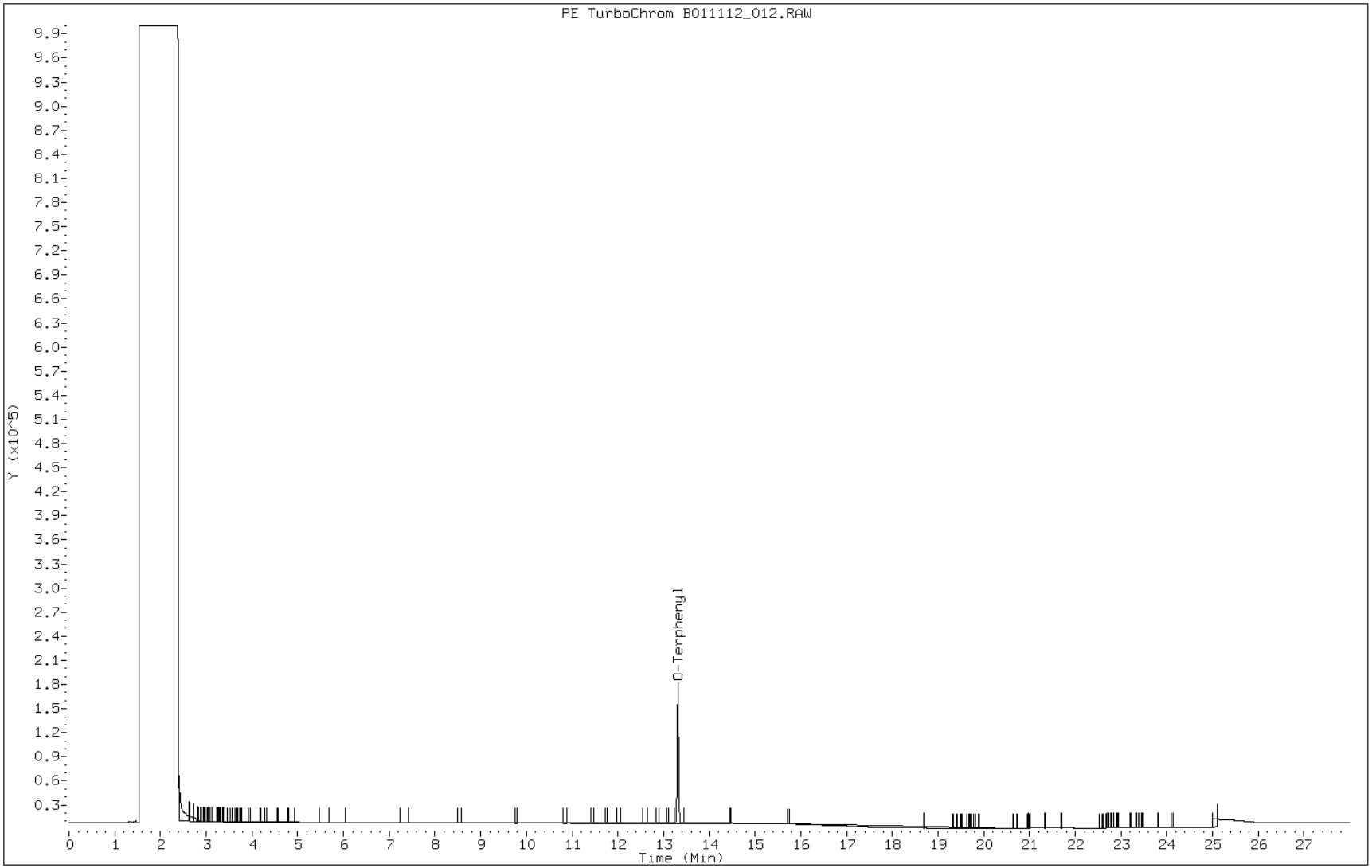
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
$ 4 O-Terphenyl	13.313	13.323	-0.010	408316	13.1360	1.29

Data File: B011112_012.d

Date: 12-JAN-2012 00:11

Client ID: Field Blank 2 Instrument: FID-07.i

Sample Info: 600-48440-A-2-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Client Sample ID: 2012-RMSA-1(1.5-2.5') Lab Sample ID: 600-48440-3

Matrix: Solid Lab File ID: B011112_020.d

Analysis Method: TX 1005 Date Collected: 01/06/2012 11:16

Extraction Method: TX_1005_S_Prep Date Extracted: 01/10/2012 08:51

Sample wt/vol: 10.01(g) Date Analyzed: 01/12/2012 04:55

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	4.94	U	26.4	4.94
STL00035	>C12-C28	6.41	U	26.4	6.41
STL00147	>C28-C35	10.1	U	26.4	10.1
STL00006	C6-C35	10.1	U	26.4	10.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	85		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_020.d
Lab Smp Id: 600-48440-A-3-A Client Smp ID: 2012-RMSA-1(1.5-2.5
Inj Date : 12-JAN-2012 04:55
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48440-A-3-A
Misc Info : 600-48440-A-3-A
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.010	Sample Weight
Uf	2.000	Unit Factor
M	5.526	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
Compounds	RT	EXP RT	DLT RT	RESPONSE			
S 1 C6-C12	2.600-7.500			35274		2.08841	2.21(a)
$ 4 O-Terphenyl	13.310	13.323	-0.013	330906		10.6456	11.26
S 5 Total C6-C35				35274		2.08841	2.21(a)

QC Flag Legend

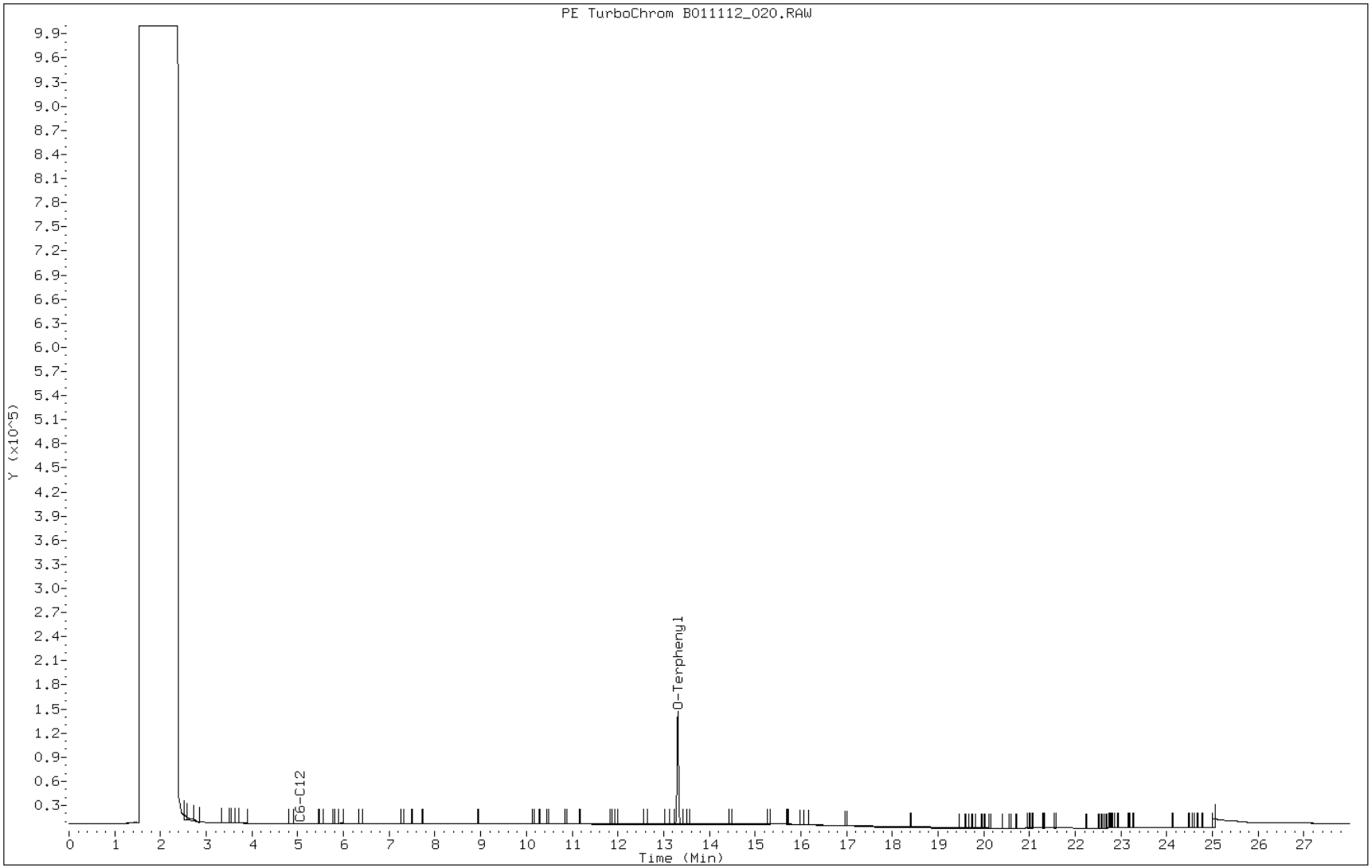
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: B011112_020.d

Date: 12-JAN-2012 04:55

Client ID: 2012-RMSA-1(1.5-2.5 Instrument: FID-07.i

Sample Info: 600-48440-A-3-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48440-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 600-48440-7

Matrix: Water | Lab File ID: B011112_014.d

Analysis Method: TX 1005 | Date Collected: 01/06/2012 00:00

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.32(mL) | Date Analyzed: 01/12/2012 01:22

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.366	U	4.95	0.366
STL00035	>C12-C28	0.317	U	4.95	0.317
STL00147	>C28-C35	0.554	U	4.95	0.554
STL00006	C6-C35	0.554	U	4.95	0.554

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_014.d
Lab Smp Id: 600-48440-A-7-A Client Smp ID: Trip Blank
Inj Date : 12-JAN-2012 01:22
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48440-A-7-A
Misc Info : 600-48440-A-7-A
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.320	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$ 4 O-Terphenyl	13.313	13.323	-0.010	413570	13.3050	1.32

Data File: B011112_014.d

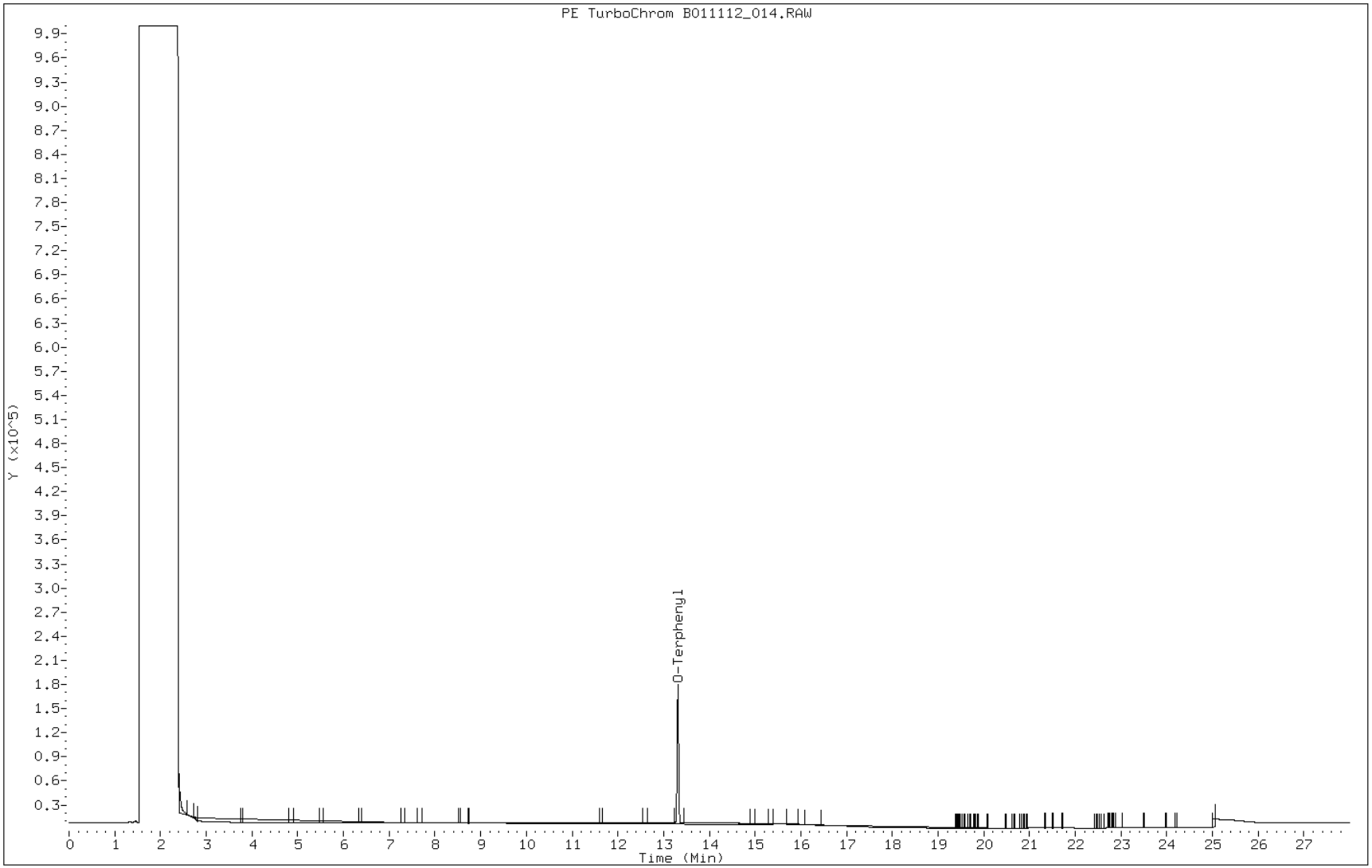
Date: 12-JAN-2012 01:22

Client ID: Trip Blank

Instrument: FID-07.i

Sample Info: 600-48440-A-7-A

Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48440-1

SDG No.:

Client Sample ID: Equipment Blank 3 | Lab Sample ID: 600-48440-8

Matrix: Water | Lab File ID: B011112_015.d

Analysis Method: TX 1005 | Date Collected: 01/06/2012 14:18

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.77(mL) | Date Analyzed: 01/12/2012 01:58

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.361	U	4.87	0.361
STL00035	>C12-C28	0.312	U	4.87	0.312
STL00147	>C28-C35	0.546	U	4.87	0.546
STL00006	C6-C35	0.546	U	4.87	0.546

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_015.d
Lab Smp Id: 600-48440-E-8-A Client Smp ID: Equipment Blank 3
Inj Date : 12-JAN-2012 01:58
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-48440-E-8-A
Misc Info : 600-48440-E-8-A
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.770	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

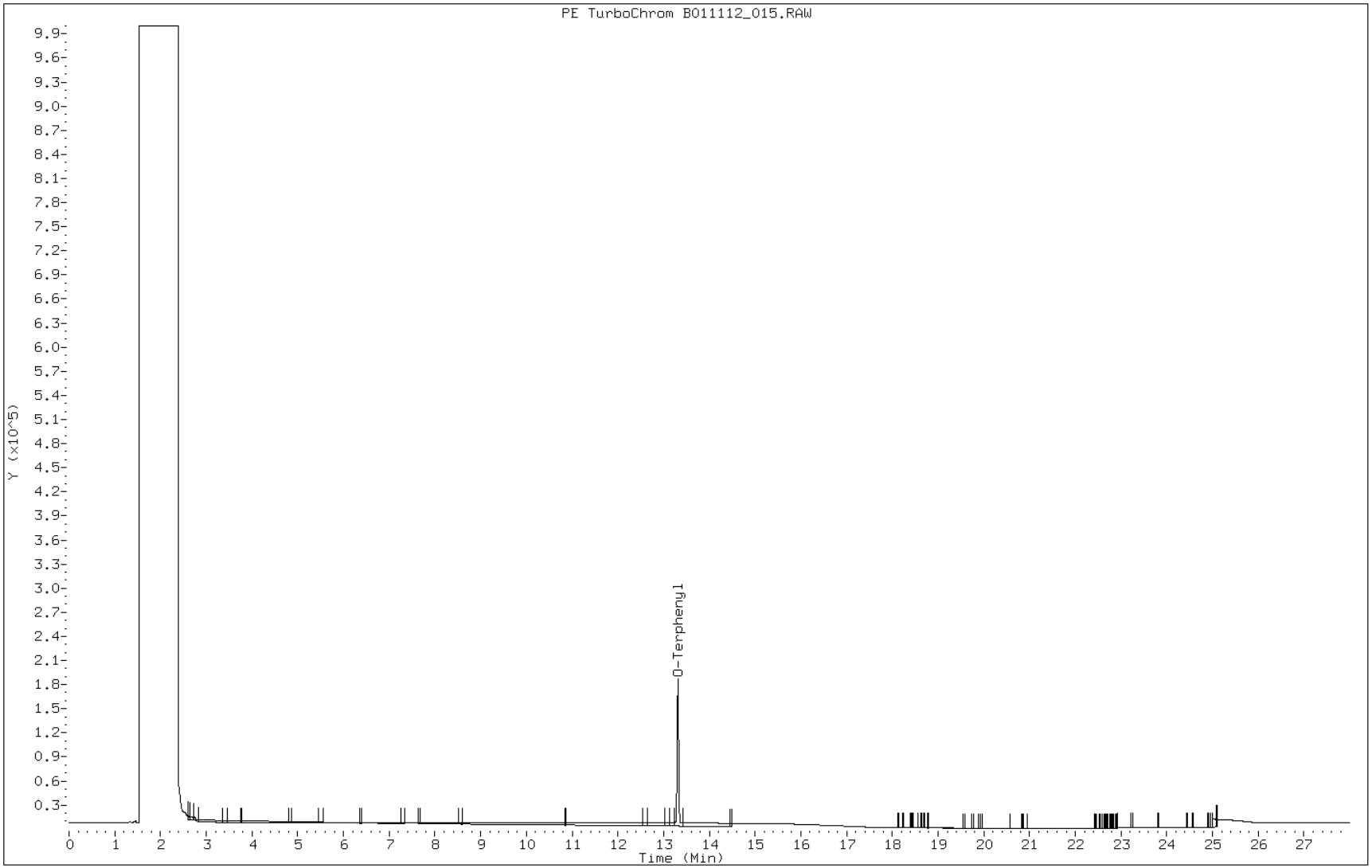
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$ 4 O-Terphenyl	13.313	13.323	-0.010	458574	14.7529	1.44

Data File: B011112_015.d

Date: 12-JAN-2012 01:58

Client ID: Equipment Blank 3 Instrument: FID-07.i

Sample Info: 600-48440-E-8-A Operator: vanderborghr



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C12	5.600	5.600	5.600	5.600	5.600	5.600					2.200 - 9.000	5.600
C6-C35	11.300	11.300	11.300	11.300	11.300	11.300					2.200 - 20.400	11.300
>C12-C28	12.950	12.950	12.950	12.950	12.950	12.950					9.100 - 16.800	12.950
>C28-C35	18.650	18.650	18.650	18.650	18.650	18.650					16.900 - 20.400	18.650
o-Terphenyl	13.020	13.023	13.020	13.020	13.020	13.020					12.921 - 13.121	13.021

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-48440-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
C6-C12	16123 17162	17773 18356	19650	16565	Ave		17604.6831				7.3		25.0			
C6-C35	41728 45820	50512 46805	56954	44506	Ave		47720.8340				11.2		25.0			
>C12-C28	13891 15254	15901 15244	18145	14744	Ave		15529.7532				9.3		25.0			
>C28-C35	11714 13405	16837 13206	19159	13197	Ave		14586.3976				19.3		25.0			
o-Terphenyl	22091 23450	26235 23373	29832	22130	Ave		24518.4833				12.3		25.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-48440-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
C6-C12	Ave	806158 18355550	1777290	3930005	6625971	13729229	50.0 1000	100	200	400	800
C6-C35	Ave	2086404 46805385	5051166	11390776	17802396	36656007	50.0 1000	100	200	400	800
>C12-C28	Ave	694535 15243813	1590134	3628920	5897706	12203041	50.0 1000	100	200	400	800
>C28-C35	Ave	585711 13206022	1683742	3831851	5278719	10723737	50.0 1000	100	200	400	800
o-Terphenyl	Ave	69033 1460790	163969	372899	553257	1172523	3.13 62.5	6.25	12.5	25.0	50.0

Curve Type Legend:
Ave = Average

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_004.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 15:35
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 004
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			806158	50.0000	45.79
$	4 O-Terphenyl	13.020	13.020	0.000	69033	3.12500	2.82(M)
S	2 >C12-C28	9.100-16.800			694535	50.0000	44.72
S	3 >C28-C35	16.899-20.400			585711	50.0000	40.15
S	5 Total C6-C35				2086404	50.0000	130.7

QC Flag Legend

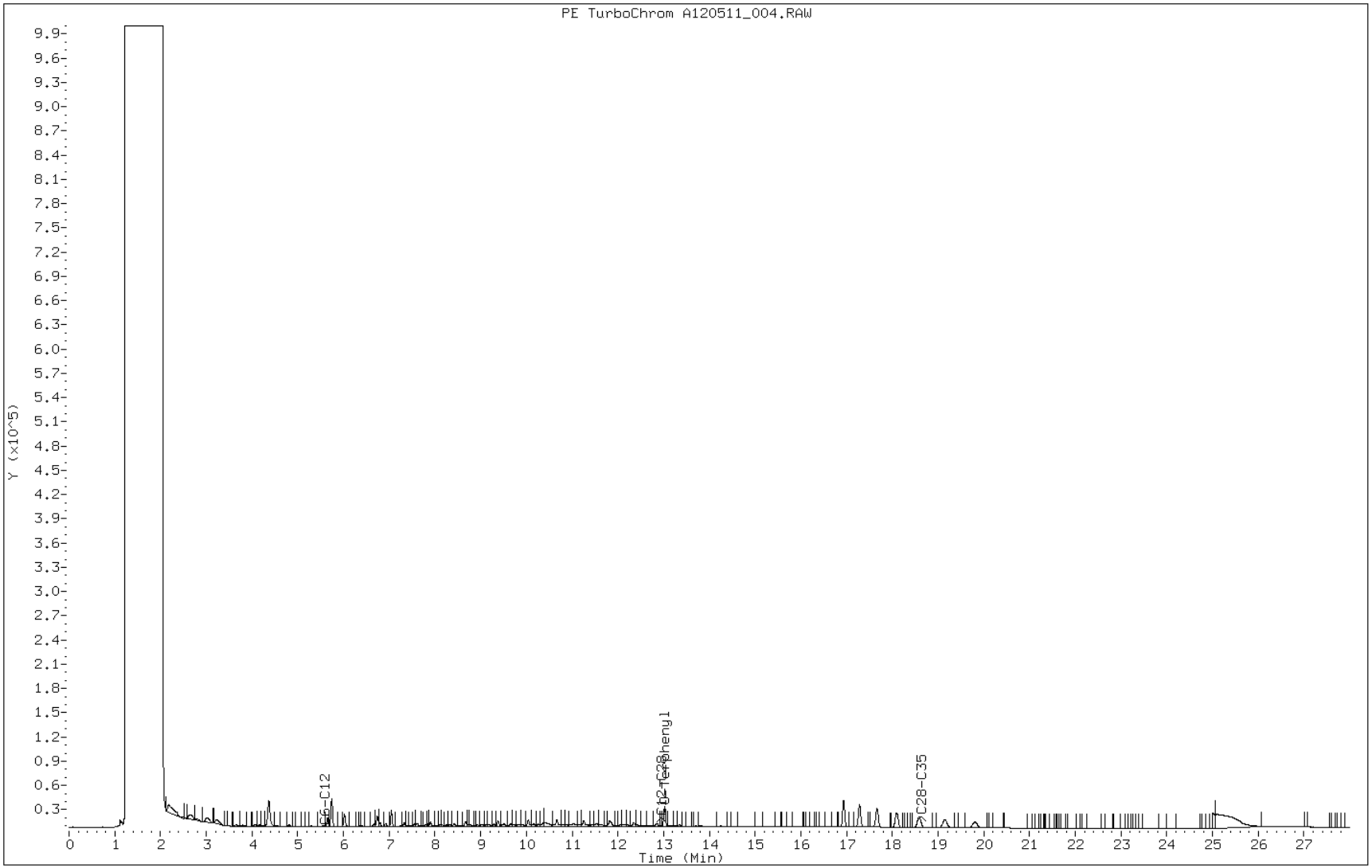
M - Compound response manually integrated.

Data File: A120511_004.d

Date: 05-DEC-2011 15:35

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: A120511_004.d
Inj. Date and Time: 05-DEC-2011 15:35
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/06/2011

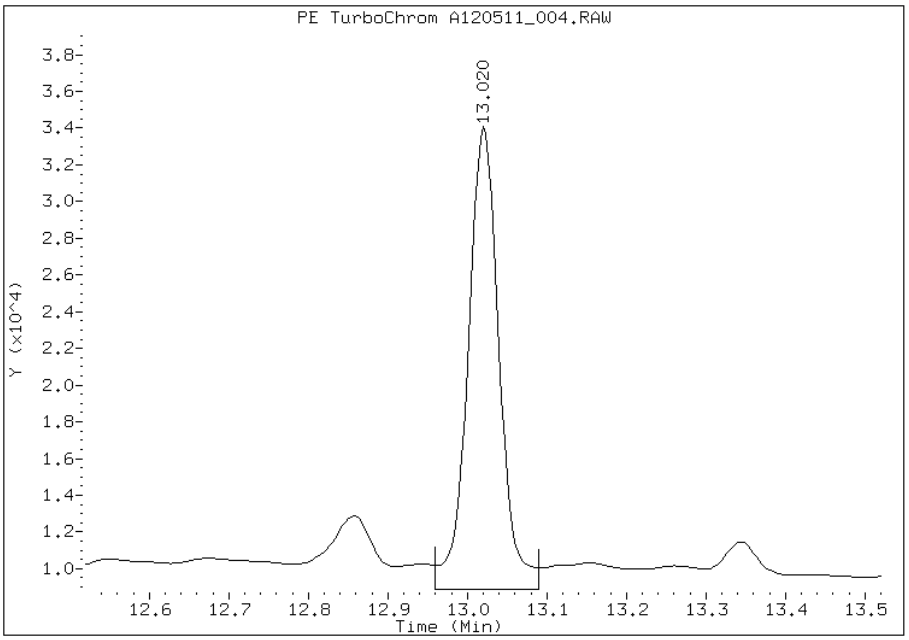
Processing Integration Results

RT: 13.02

Response: 68702

Amount: 2.80

Conc: 2.80



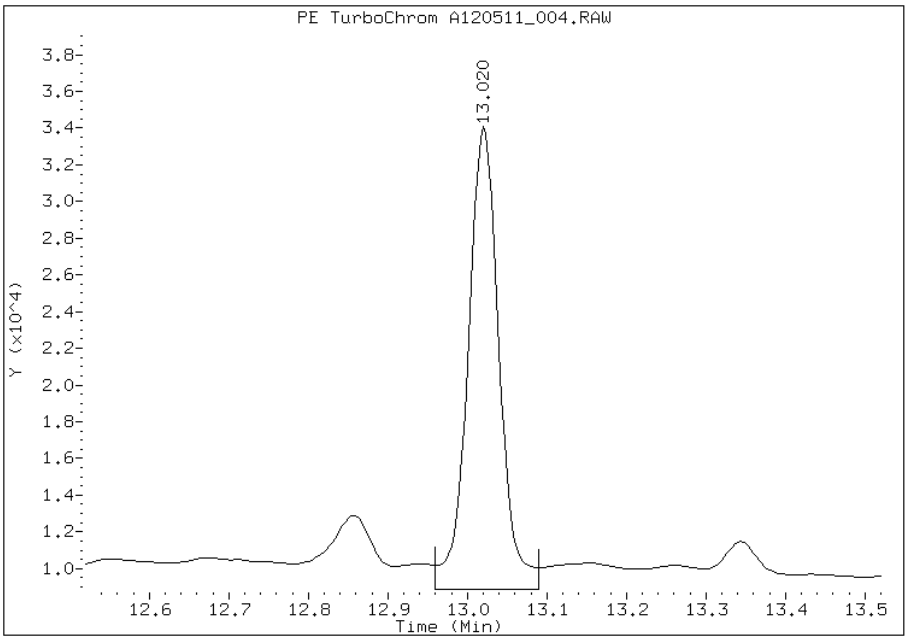
Manual Integration Results

RT: 13.02

Response: 69033

Amount: 2.82

Conc: 2.82



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_005.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 16:23
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 005
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 15:35 Cal File: A120511_004.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

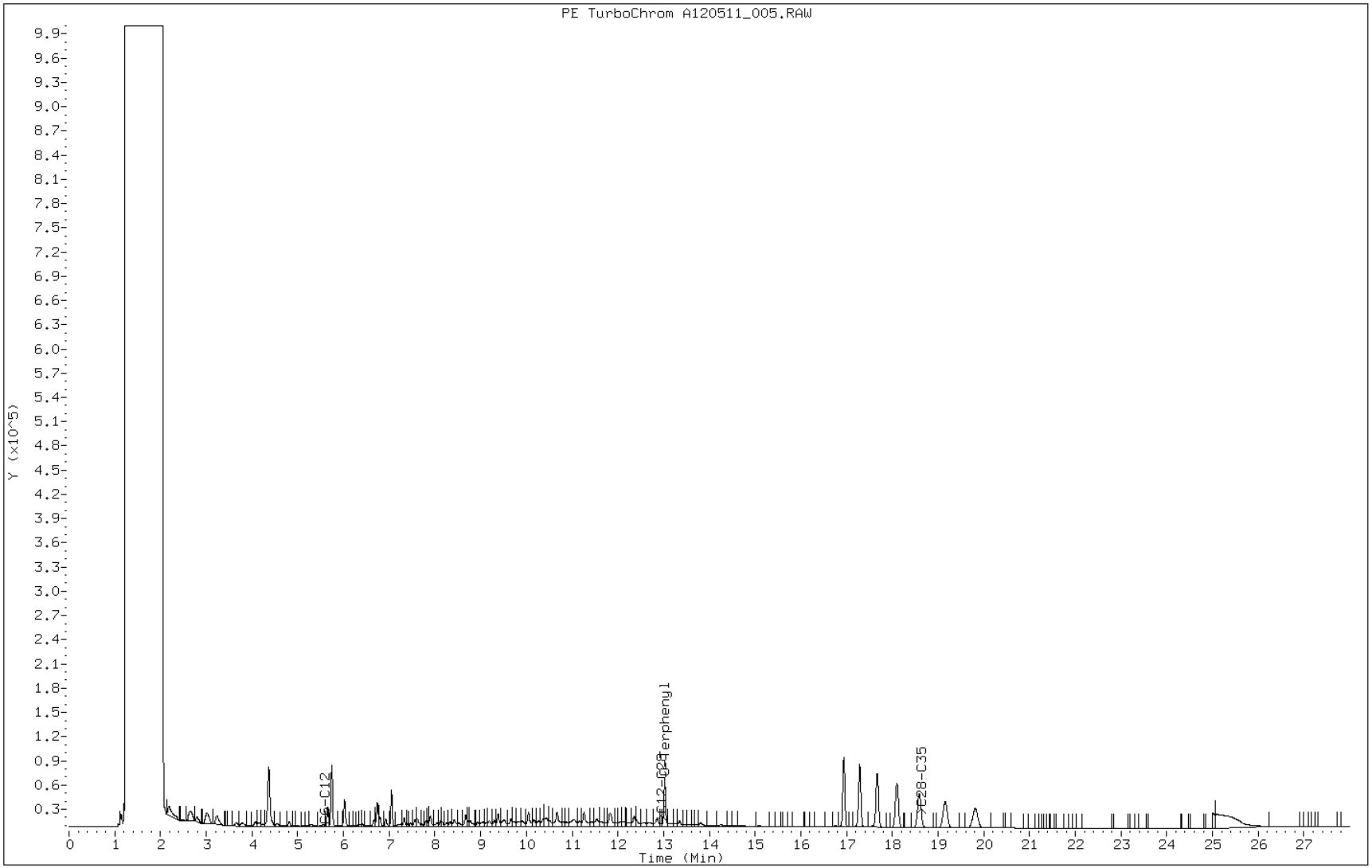
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			1777290	100.000	101.0
$	4 O-Terphenyl	13.023	13.020	0.003	163969	6.25000	6.69
S	2 >C12-C28	9.100-16.800			1590134	100.000	102.4
S	3 >C28-C35	16.899-20.400			1683742	100.000	115.4
S	5 Total C6-C35				5051166	100.000	318.8

Data File: A120511_005.d

Date: 05-DEC-2011 16:23

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_006.d
Lab Smp Id: ICRT
Inj Date : 05-DEC-2011 17:03
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 006
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 07-Dec-2011 15:25 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 16:23 Cal File: A120511_005.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3930005	200.000	223.2
$	4 O-Terphenyl	13.020	13.020	0.000	372899	12.5000	15.21
S	2 >C12-C28	9.010-16.649			3628920	200.000	233.7(M)
S	3 >C28-C35	16.651-20.400			3831851	200.000	262.7(M)
S	5 Total C6-C35				11390776	200.000	719.6

QC Flag Legend

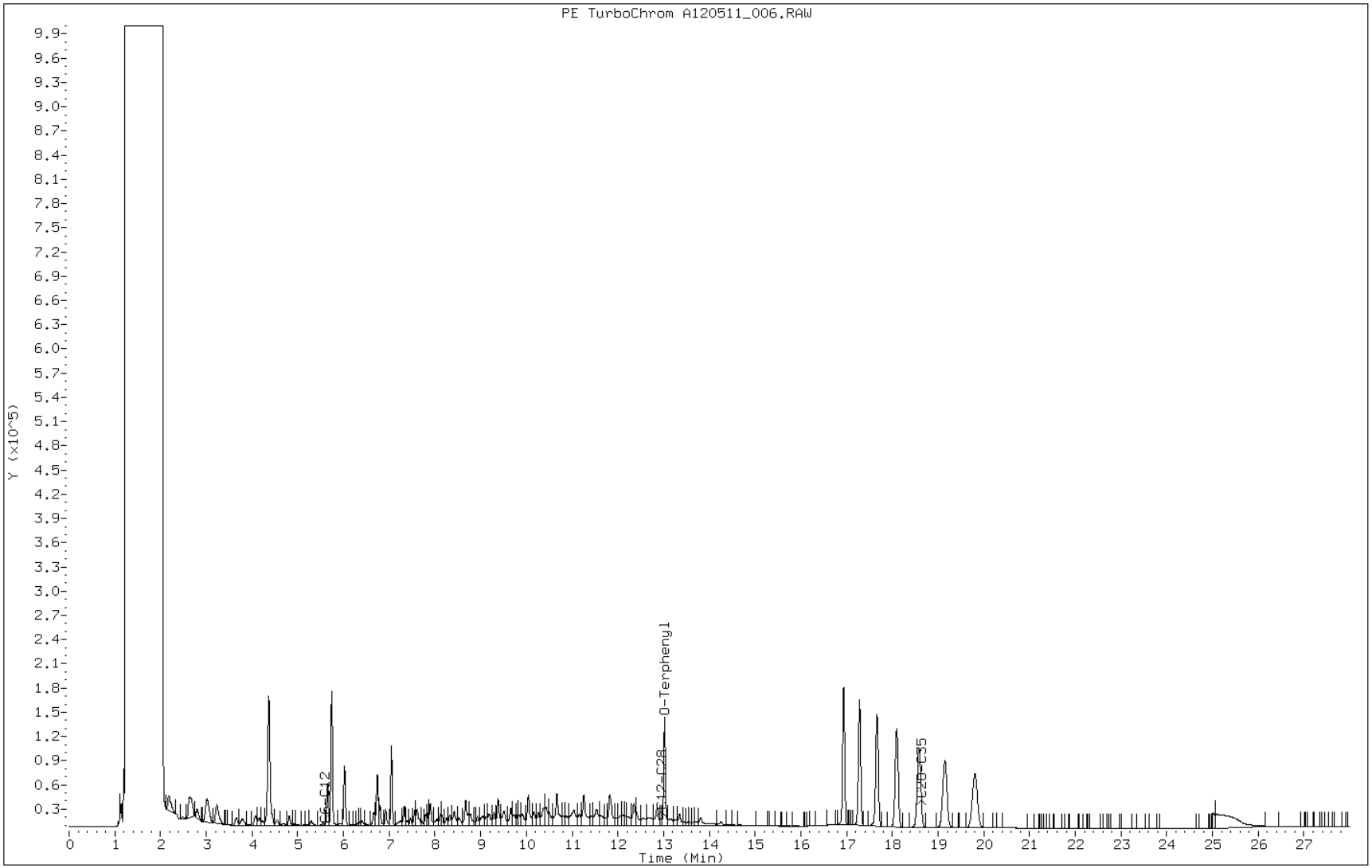
M - Compound response manually integrated.

Data File: A120511_006.d

Date: 05-DEC-2011 17:03

Client ID: Instrument: FID-07.i

Sample Info: ICRT Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_007.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 17:44
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 007
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

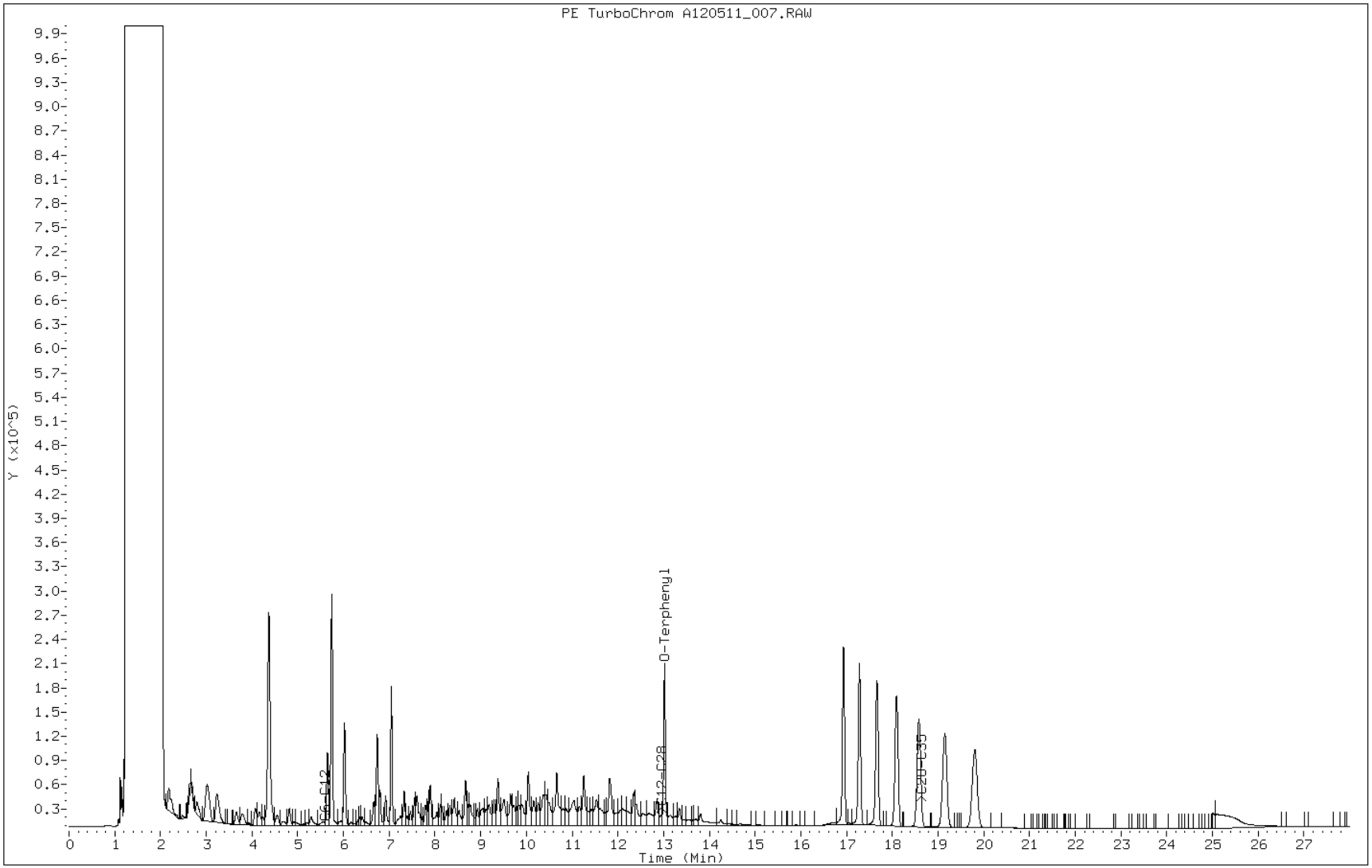
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			6625971	400.000	376.4
$	4 O-Terphenyl	13.020	13.020	0.000	553257	25.0000	22.56
S	2 >C12-C28	9.100-16.800			5897706	400.000	379.8
S	3 >C28-C35	16.899-20.400			5278719	400.000	361.9
S	5 Total C6-C35				17802396	400.000	1118

Data File: A120511_007.d

Date: 05-DEC-2011 17:44

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_008.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 18:25
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 008
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:44 Cal File: A120511_007.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

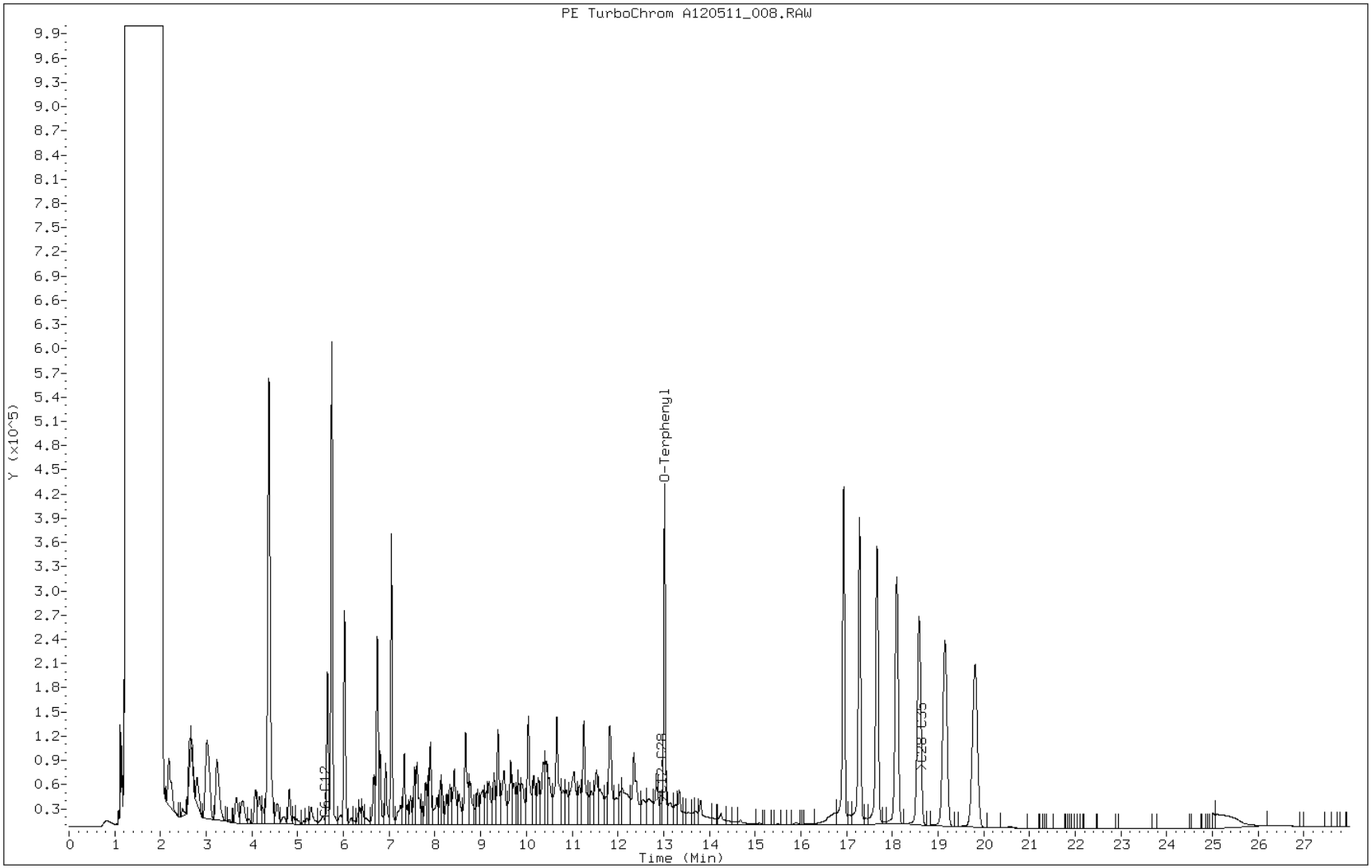
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			13729229	800.000	779.9
$	4 O-Terphenyl	13.020	13.020	0.000	1172523	50.0000	47.82
S	2 >C12-C28	9.100-16.800			12203041	800.000	785.8
S	3 >C28-C35	16.899-20.400			10723737	800.000	735.2
S	5 Total C6-C35				36656007	800.000	2301

Data File: A120511_008.d

Date: 05-DEC-2011 18:25

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_009.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 19:06
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 009
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 18:25 Cal File: A120511_008.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			18355550	1000.00	1043(A)
$	4 O-Terphenyl	13.020	13.020	0.000	1460790	62.5000	59.58
S	2 >C12-C28	9.100-16.800			15243813	1000.00	981.6
S	3 >C28-C35	16.899-20.400			13206022	1000.00	905.4
S	5 Total C6-C35				46805385	1000.00	2930

QC Flag Legend

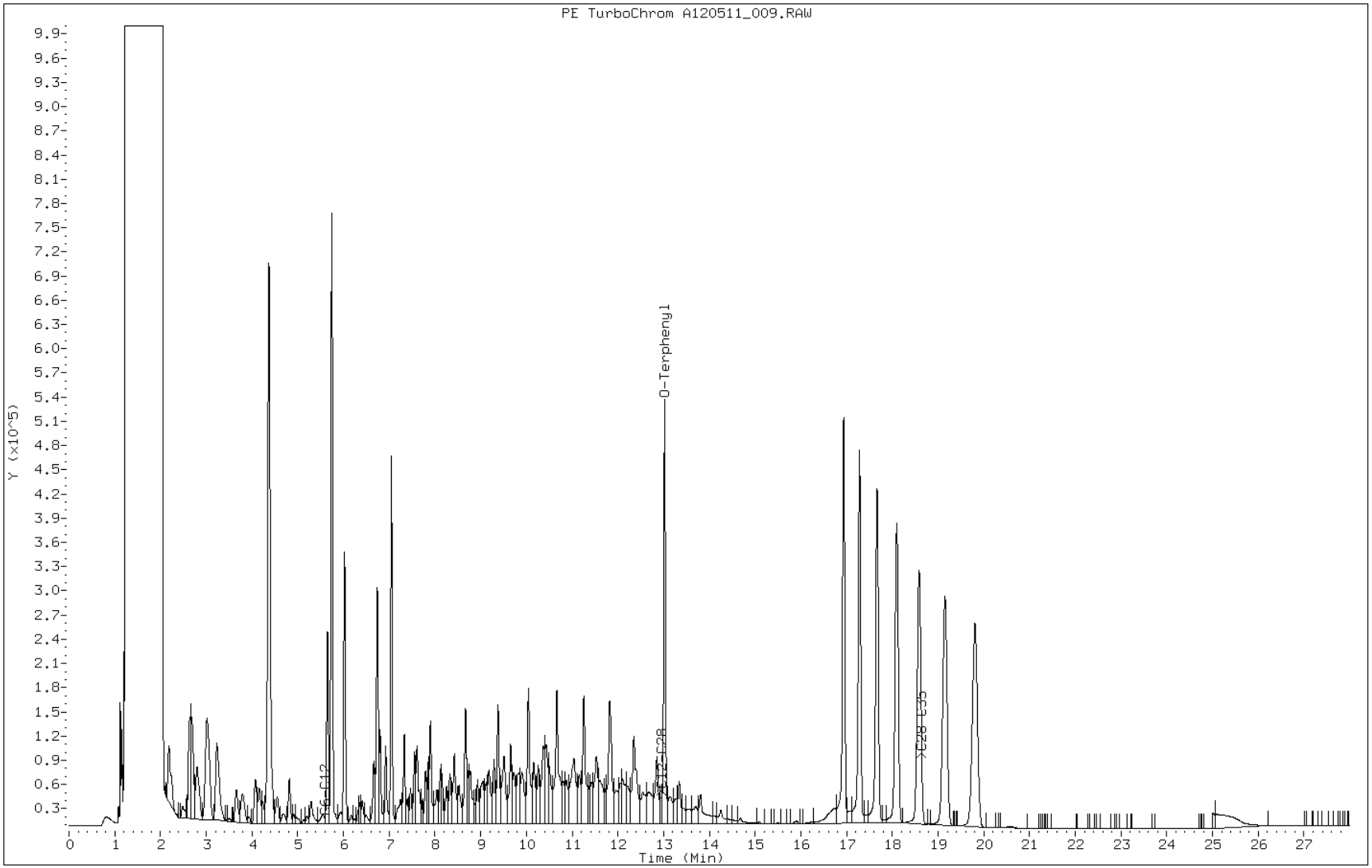
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: A120511_009.d

Date: 05-DEC-2011 19:06

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
C6-C12	5.050	5.050	5.050	5.050	5.050	5.050	5.050				2.600 - 7.500	5.050
>C12-C28	11.455	11.455	11.455	11.455	11.455	11.455	11.455				7.510 - 15.400	11.455
C6-C35	11.700	11.700	11.700	11.700	11.700	11.700	11.700				2.600 - 20.800	11.700
>C28-C35	18.105	18.105	18.105	18.105	18.105	18.105	18.105				15.410 - 20.800	18.105
o-Terphenyl	13.323	13.323	13.323	13.323	13.320	13.323	13.323				13.223 - 13.423	13.323

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-48440-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
C6-C12	18394 16069	18061 16539	17201 15810	16159	Ave		16890.3479				6.0		25.0			
>C12-C28	20769 24589	22641 25121	24341 24317	24211	Ave		23712.6569				6.3		25.0			
C6-C35	62470 62390	64382 64906	66738 62992	63392	Ave		63895.9426				2.4		25.0			
>C28-C35	23308 21732	23680 23246	25197 22865	23023	Ave		23292.9378				4.5		25.0			
o-Terphenyl	31428 29706	32314 31298	32224 30288	30328	Ave		31083.6926				3.2		25.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-48440-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
C6-C12	Ave	459846 13231331	903029 15810439	1720056	3231767	6427607	25.0 800	50.0 1000	100	200	400
>C12-C28	Ave	519221 20096874	1132058 24316636	2434090	4842155	9835678	25.0 800	50.0 1000	100	200	400
C6-C35	Ave	1561761 51924920	3219090 62992463	6673808	12678475	24956116	25.0 800	50.0 1000	100	200	400
>C28-C35	Ave	582694 18596715	1184003 22865388	2519662	4604553	8692831	25.0 800	50.0 1000	100	200	400
o-Terphenyl	Ave	49106 1564880	100980 1893028	201402	379097	742657	1.56 50.0	3.13 62.5	6.25	12.5	25.0

Curve Type Legend:
Ave = Average

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_003.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 17:54
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			459846	25.0000	27.23
$	4 O-Terphenyl	13.323	13.322	0.001	49106	1.56250	1.58(M)
S	2 >C12-C28	7.510-15.400			519221	25.0000	21.90
S	3 >C28-C35	15.410-20.800			582694	25.0000	25.02
S	5 Total C6-C35				1561761	25.0000	74.14

QC Flag Legend

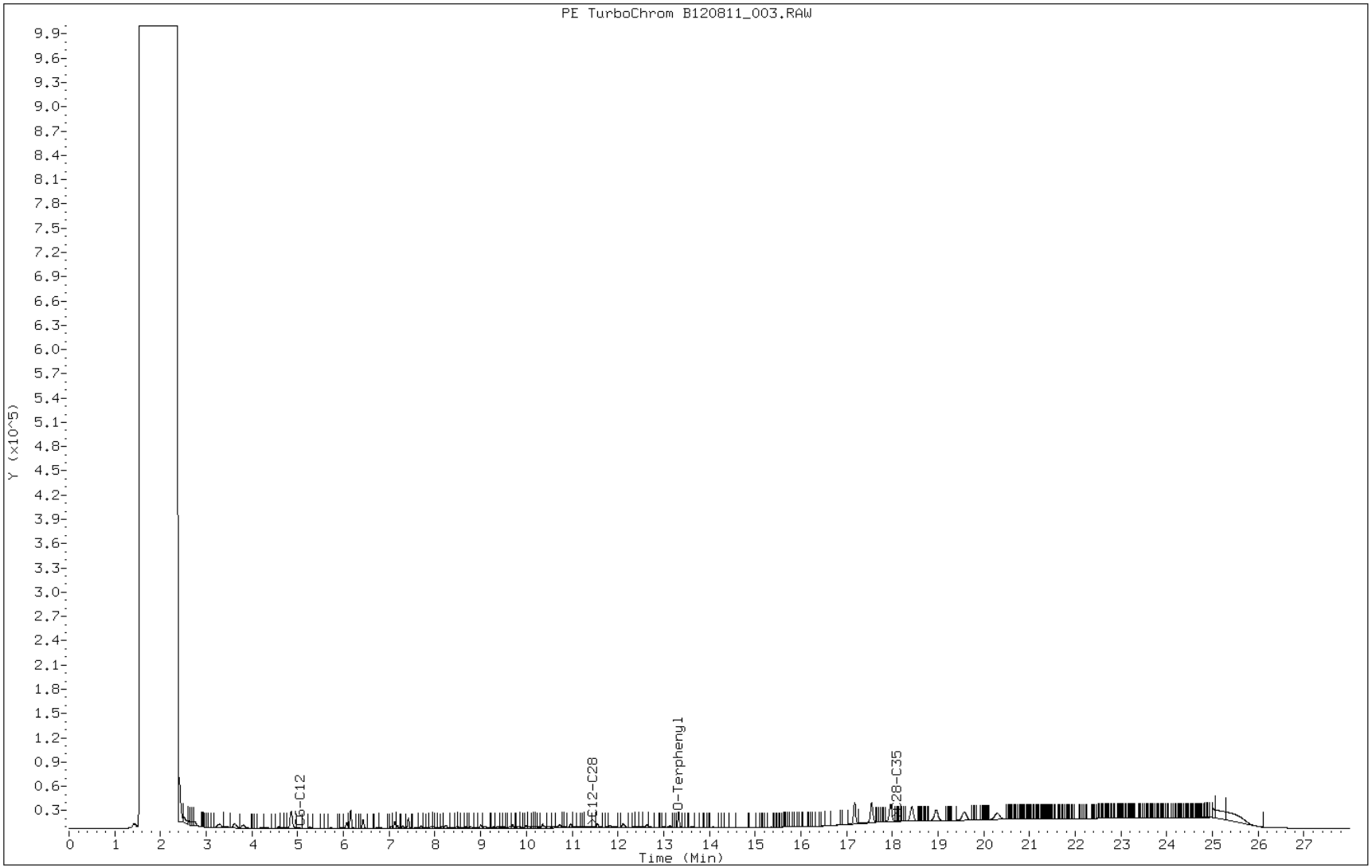
M - Compound response manually integrated.

Data File: B120811_003.d

Date: 08-DEC-2011 17:54

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_003.d
Inj. Date and Time: 08-DEC-2011 17:54
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

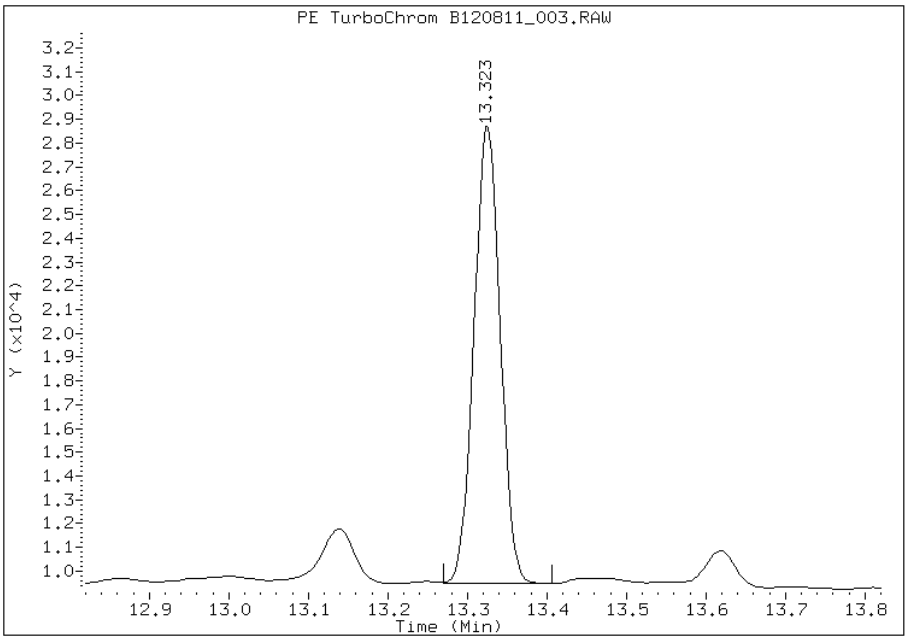
Processing Integration Results

RT: 13.32

Response: 44181

Amount: 1.51

Conc: 1.51



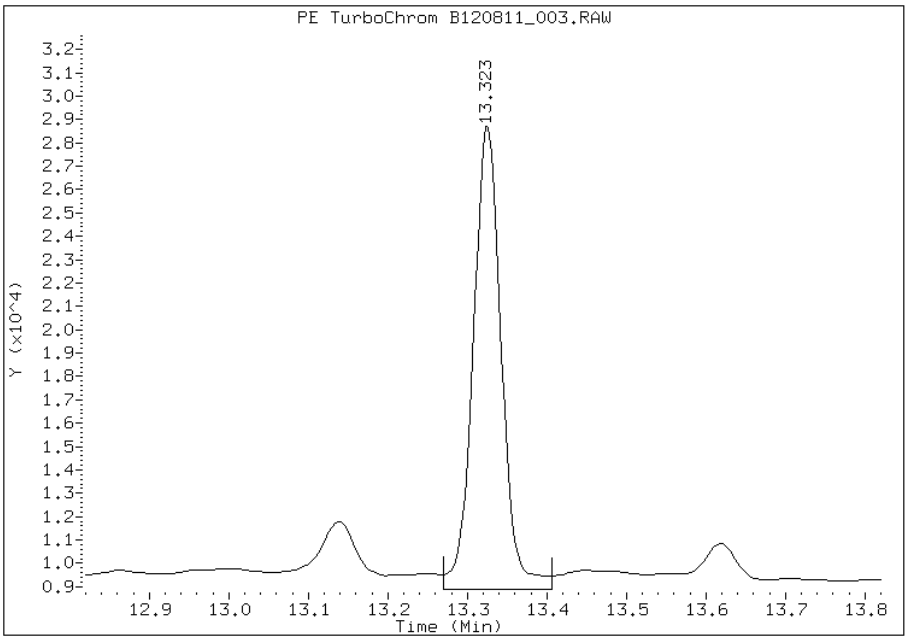
Manual Integration Results

RT: 13.32

Response: 49106

Amount: 1.58

Conc: 1.58



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_004.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 18:33
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 17:54 Cal File: B120811_003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			903029	50.0000	53.46
$	4 O-Terphenyl	13.323	13.322	0.001	100980	3.12500	3.25(M)
S	2 >C12-C28	7.510-15.400			1132058	50.0000	47.74
S	3 >C28-C35	15.410-20.800			1184003	50.0000	50.83
S	5 Total C6-C35				3219090	50.0000	152.0

QC Flag Legend

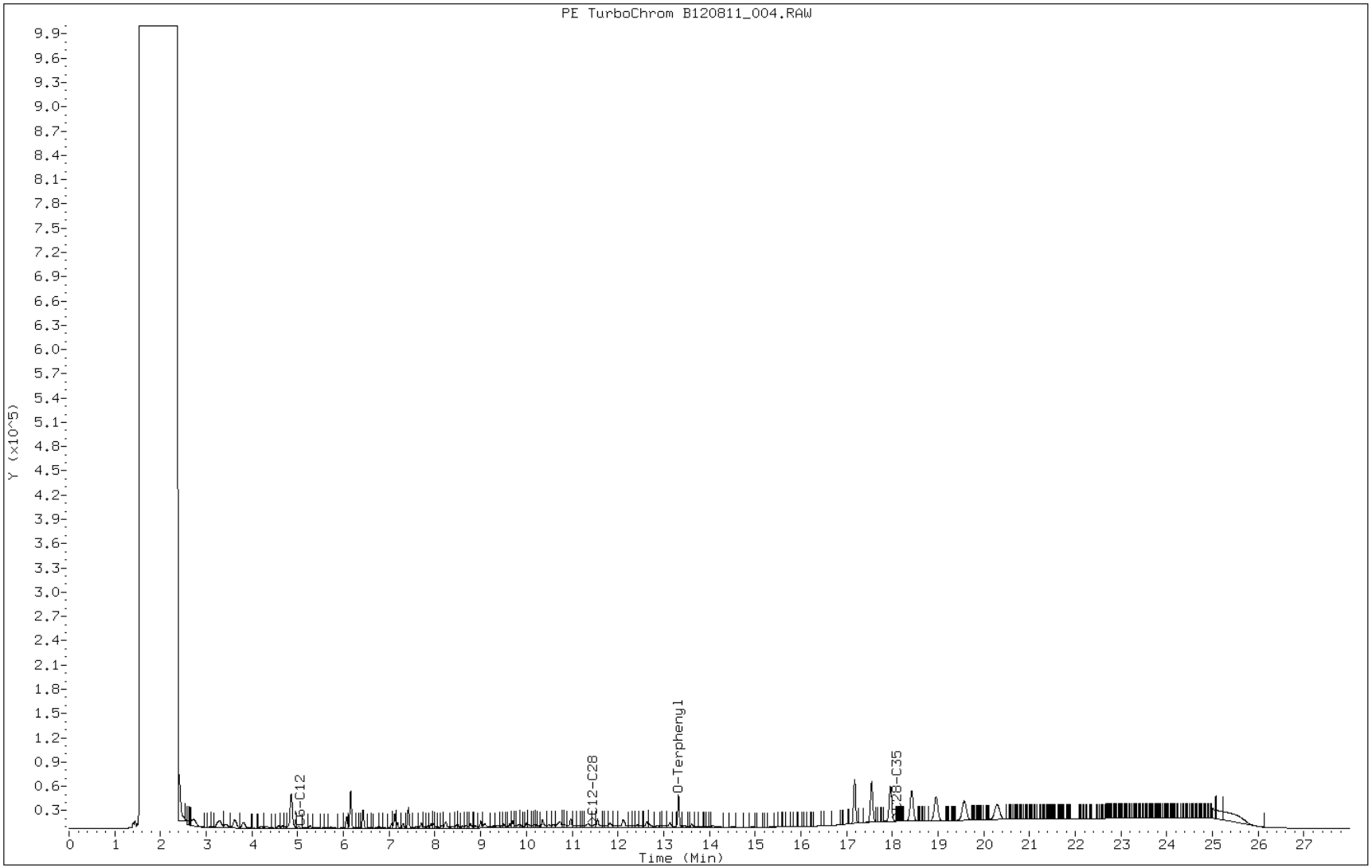
M - Compound response manually integrated.

Data File: B120811_004.d

Date: 08-DEC-2011 18:33

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_004.d
Inj. Date and Time: 08-DEC-2011 18:33
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

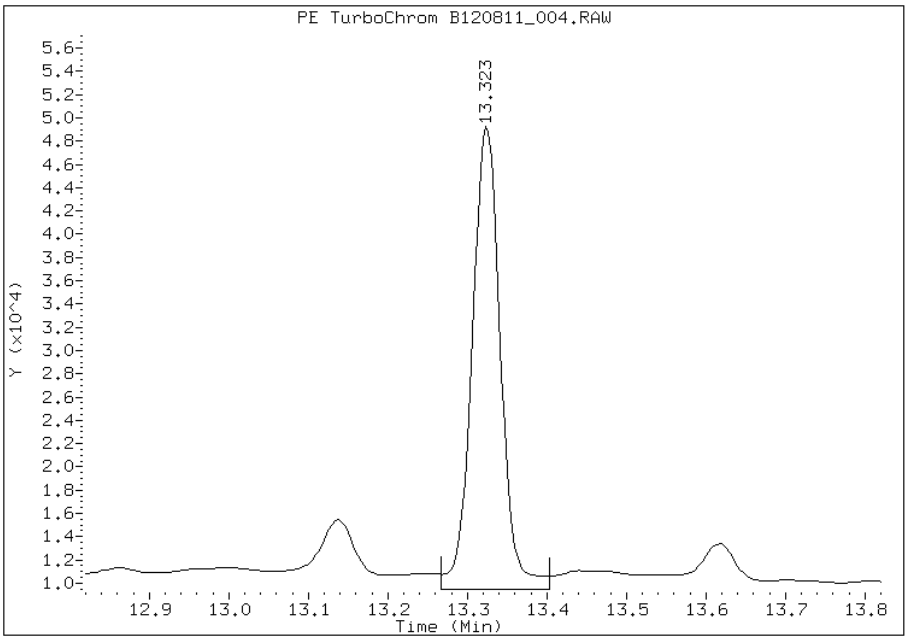
Processing Integration Results

RT: 13.32

Response: 99189

Amount: 3.21

Conc: 3.21



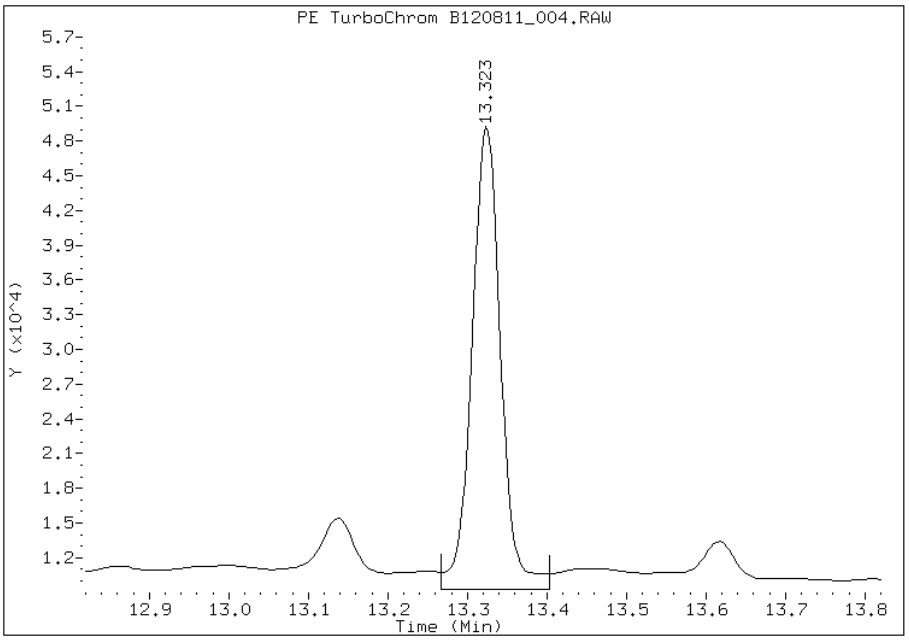
Manual Integration Results

RT: 13.32

Response: 100980

Amount: 3.25

Conc: 3.25



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_005.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 19:11
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 055
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 18:33 Cal File: B120811_004.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			1720056	100.000	101.8
$	4 O-Terphenyl	13.323	13.322	0.001	201402	6.25000	6.48(M)
S	2 >C12-C28	7.510-15.400			2434090	100.000	102.6
S	3 >C28-C35	15.410-20.800			2519662	100.000	108.2
S	5 Total C6-C35				6673808	100.000	312.7

QC Flag Legend

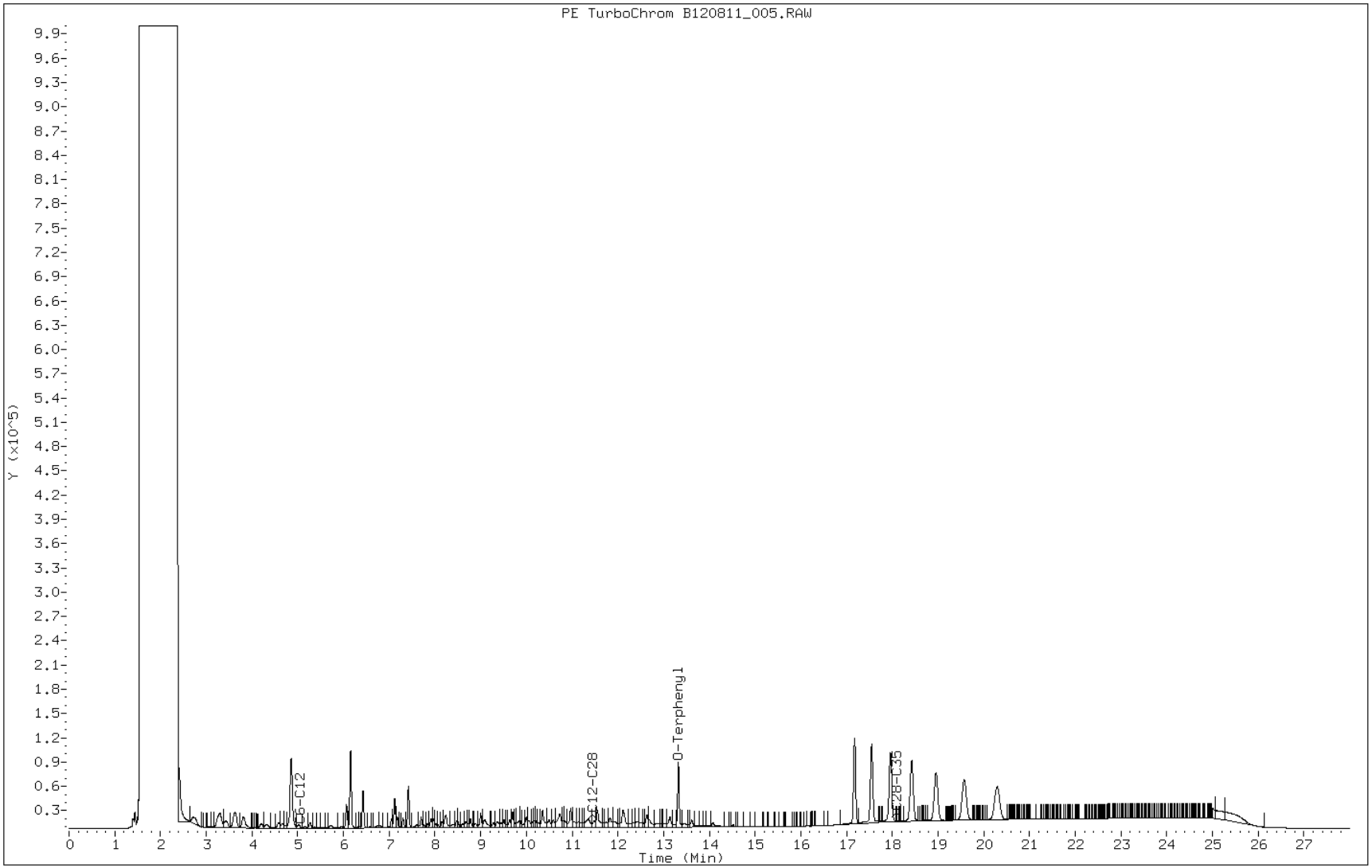
M - Compound response manually integrated.

Data File: B120811_005.d

Date: 08-DEC-2011 19:11

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_005.d
Inj. Date and Time: 08-DEC-2011 19:11
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

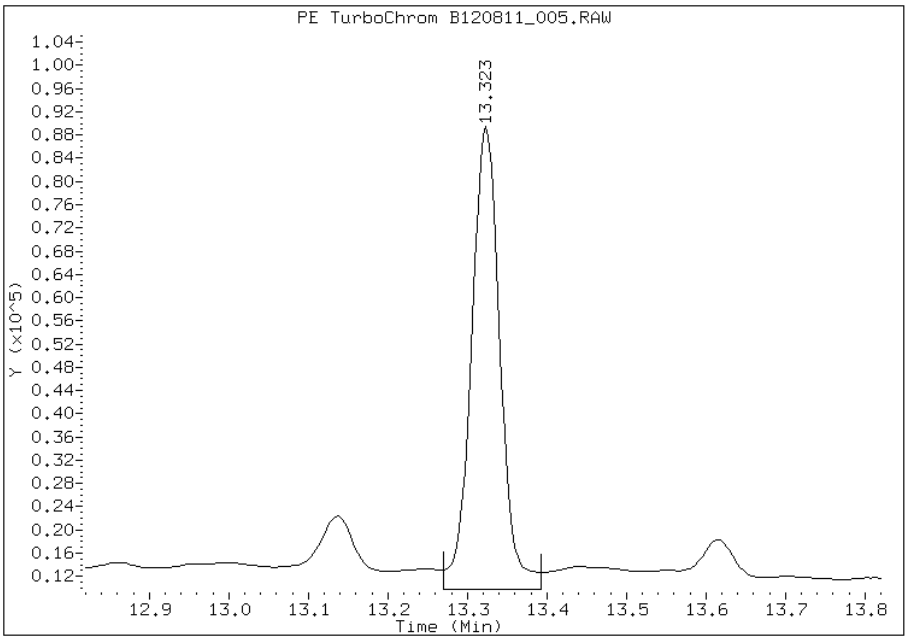
Processing Integration Results

RT: 13.32

Response: 200177

Amount: 6.47

Conc: 6.47



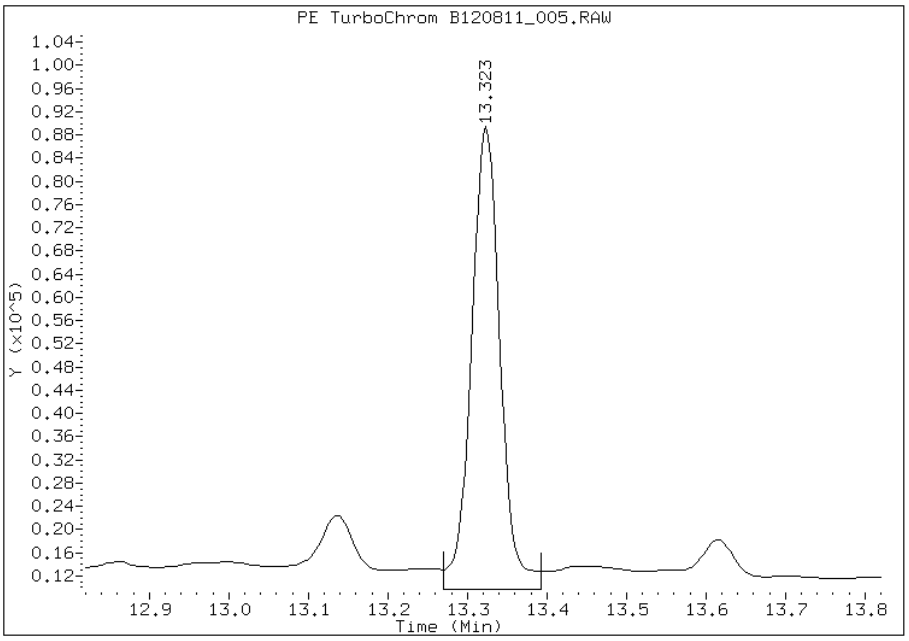
Manual Integration Results

RT: 13.32

Response: 201402

Amount: 6.48

Conc: 6.48



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_006.d
Lab Smp Id: ICRT
Inj Date : 08-DEC-2011 19:49
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 056
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:11 Cal File: B120811_005.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			3231767	200.000	191.3
$	4 O-Terphenyl	13.323	13.322	0.001	379097	12.5000	12.20(M)
S	2 >C12-C28	7.510-15.400			4842155	200.000	204.2
S	3 >C28-C35	15.410-20.800			4604553	200.000	197.7
S	5 Total C6-C35				12678475	200.000	593.2

QC Flag Legend

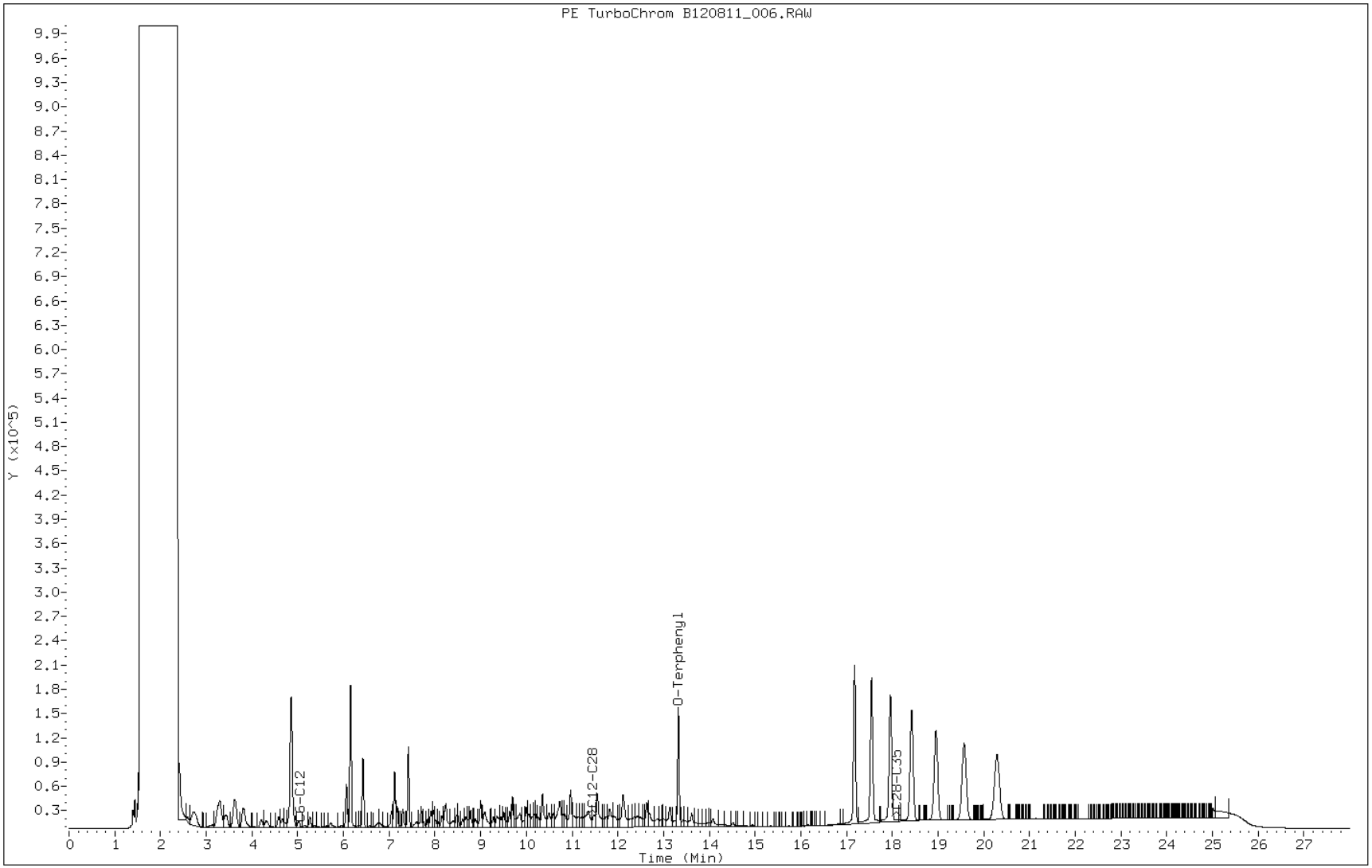
M - Compound response manually integrated.

Data File: B120811_006.d

Date: 08-DEC-2011 19:49

Client ID: Instrument: FID-07.i

Sample Info: ICRT Operator: kuventr



Manual Integration Report

Data File: B120811_006.d
Inj. Date and Time: 08-DEC-2011 19:49
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

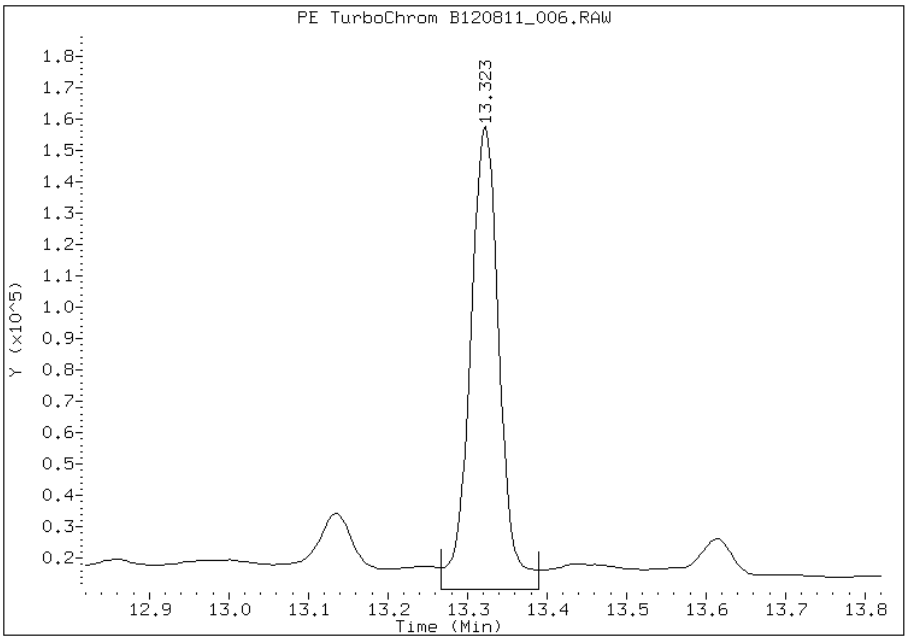
Processing Integration Results

RT: 13.32

Response: 375923

Amount: 12.14

Conc: 12.14



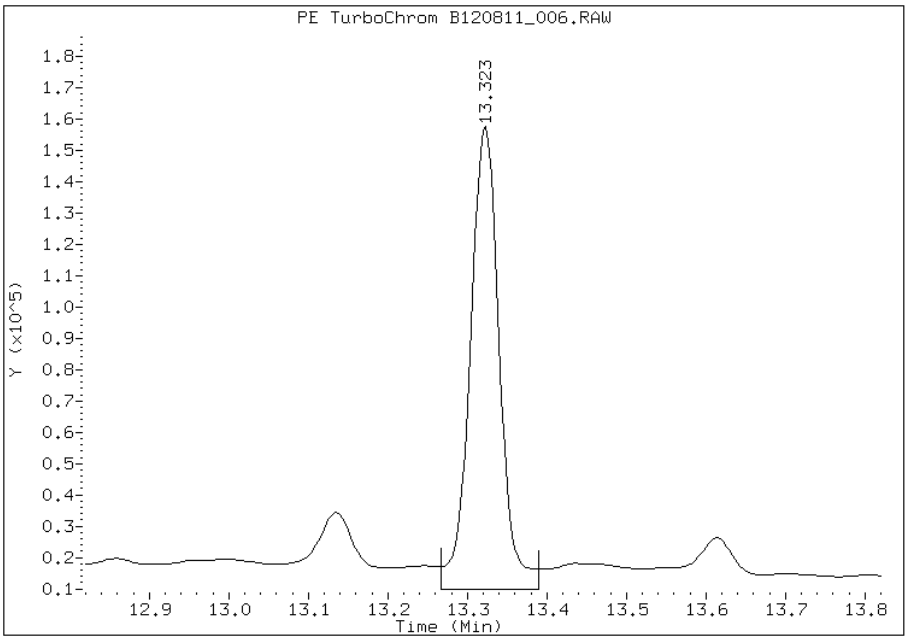
Manual Integration Results

RT: 13.32

Response: 379097

Amount: 12.20

Conc: 12.20



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_007.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 20:28
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 057
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:49 Cal File: B120811_006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		6427607	400.000	380.5
$	4 O-Terphenyl	13.320	13.322	-0.002	742657	25.0000	23.89(M)
S	2 >C12-C28	7.510	-15.400		9835678	400.000	414.8
S	3 >C28-C35	15.410	-20.800		8692831	400.000	373.2
S	5 Total C6-C35				24956116	400.000	1169

QC Flag Legend

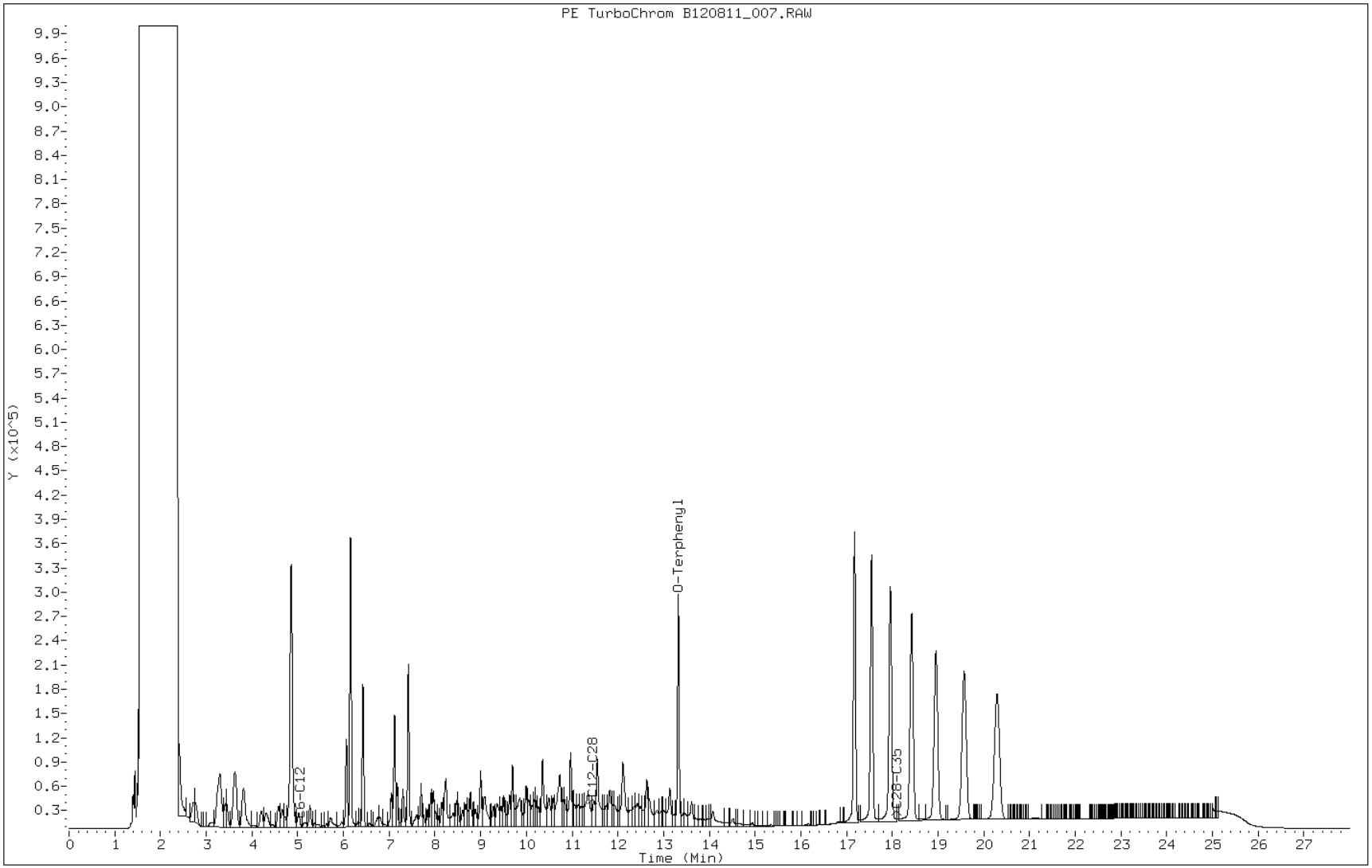
M - Compound response manually integrated.

Data File: B120811_007.d

Date: 08-DEC-2011 20:28

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_007.d
Inj. Date and Time: 08-DEC-2011 20:28
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

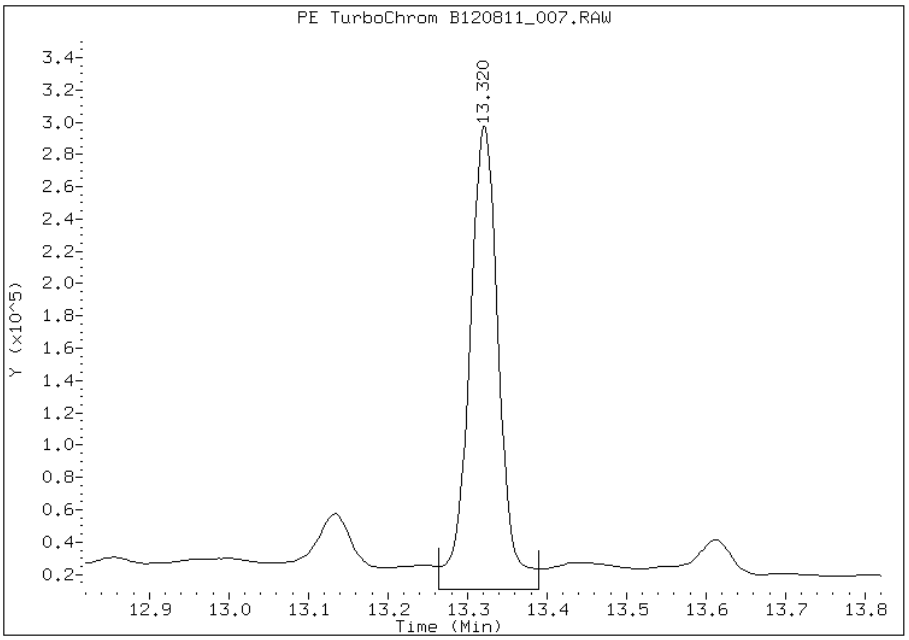
Processing Integration Results

RT: 13.32

Response: 738257

Amount: 23.82

Conc: 23.82



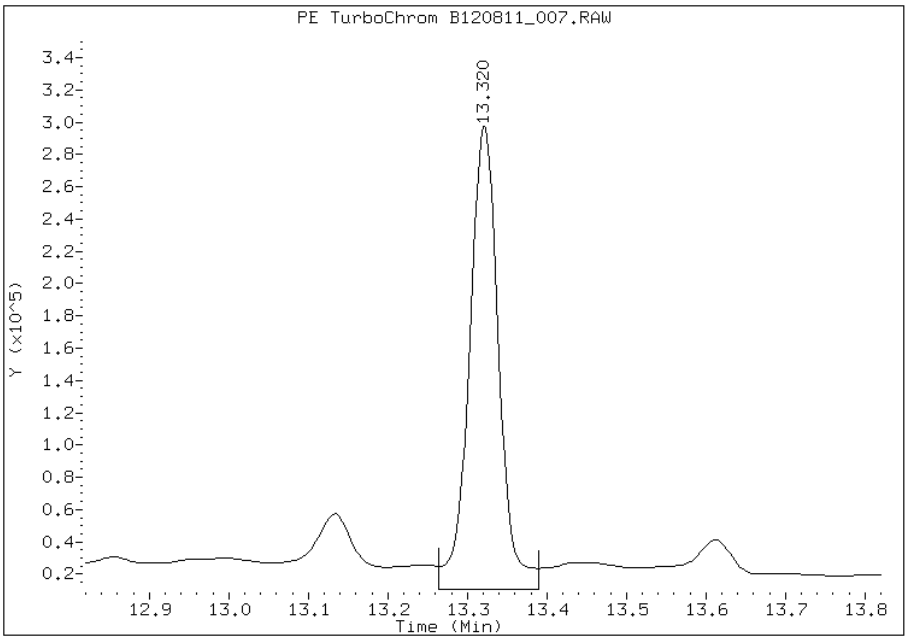
Manual Integration Results

RT: 13.32

Response: 742657

Amount: 23.89

Conc: 23.89



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_008.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:05
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 058
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 20:28 Cal File: B120811_007.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			13231331	800.000	783.4
$	4 O-Terphenyl	13.323	13.322	0.001	1564880	50.0000	50.34(M)
S	2 >C12-C28	7.510-15.400			20096874	800.000	847.5
S	3 >C28-C35	15.410-20.800			18596715	800.000	798.4
S	5 Total C6-C35				51924920	800.000	2429

QC Flag Legend

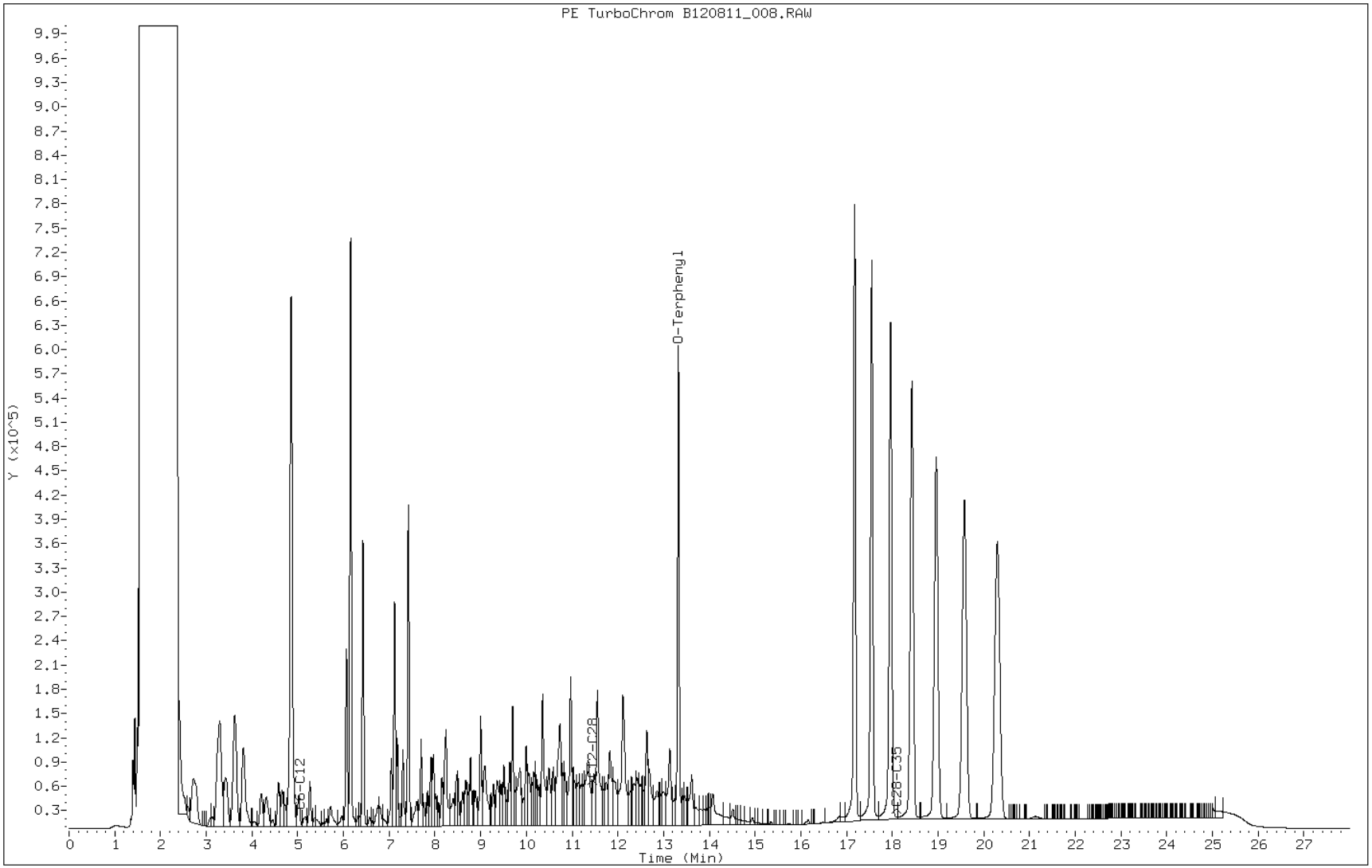
M - Compound response manually integrated.

Data File: B120811_008.d

Date: 08-DEC-2011 21:05

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_008.d
Inj. Date and Time: 08-DEC-2011 21:05
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

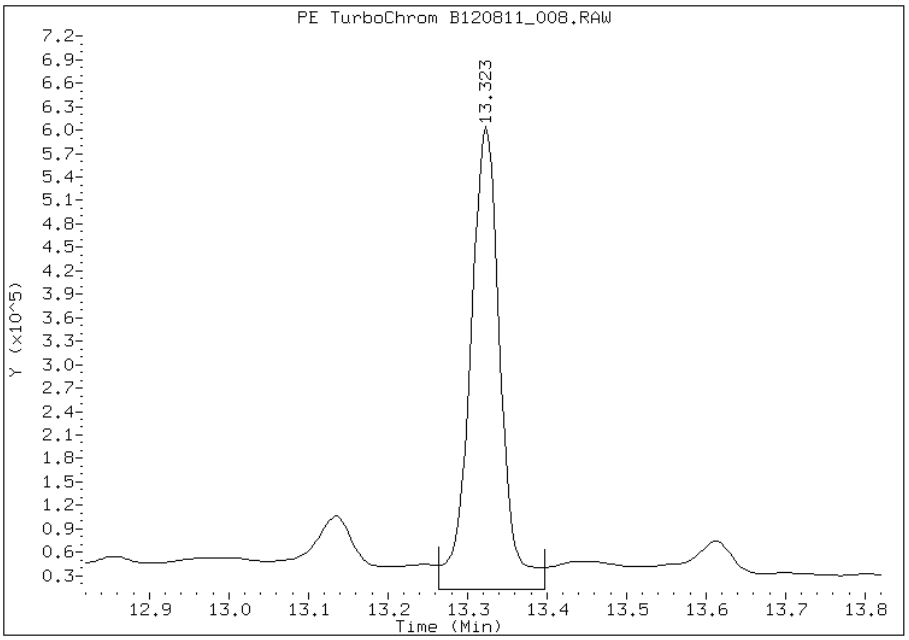
Processing Integration Results

RT: 13.32

Response: 1554874

Amount: 50.12

Conc: 50.12



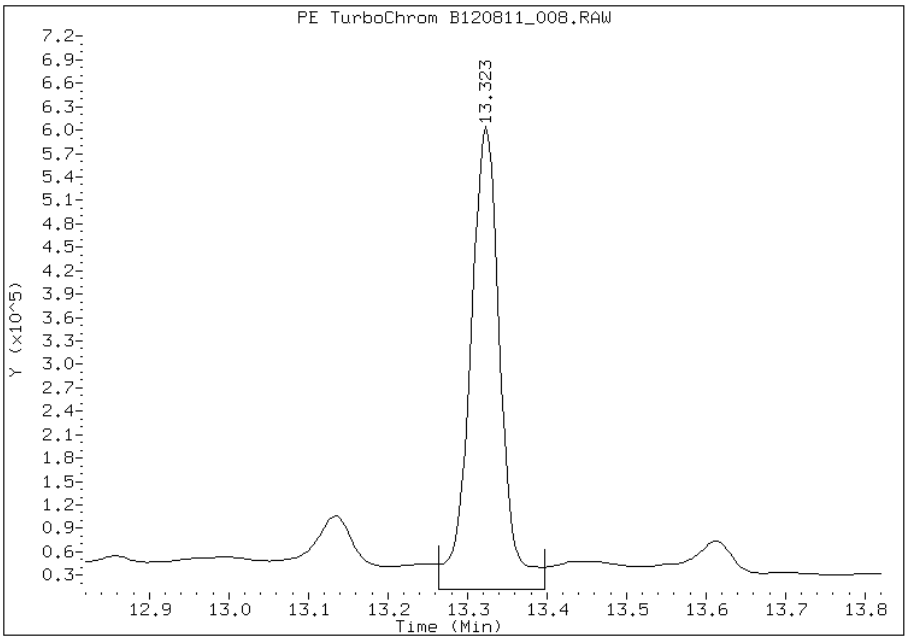
Manual Integration Results

RT: 13.32

Response: 1564880

Amount: 50.34

Conc: 50.34



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_009.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:43
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 059
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:05 Cal File: B120811_008.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			15810439	1000.00	936.1
$	4 O-Terphenyl	13.323	13.322	0.001	1893028	62.5000	60.90(M)
S	2 >C12-C28	7.510-15.400			24316636	1000.00	1025(A)
S	3 >C28-C35	15.410-20.800			22865388	1000.00	981.6
S	5 Total C6-C35				62992463	1000.00	2943

QC Flag Legend

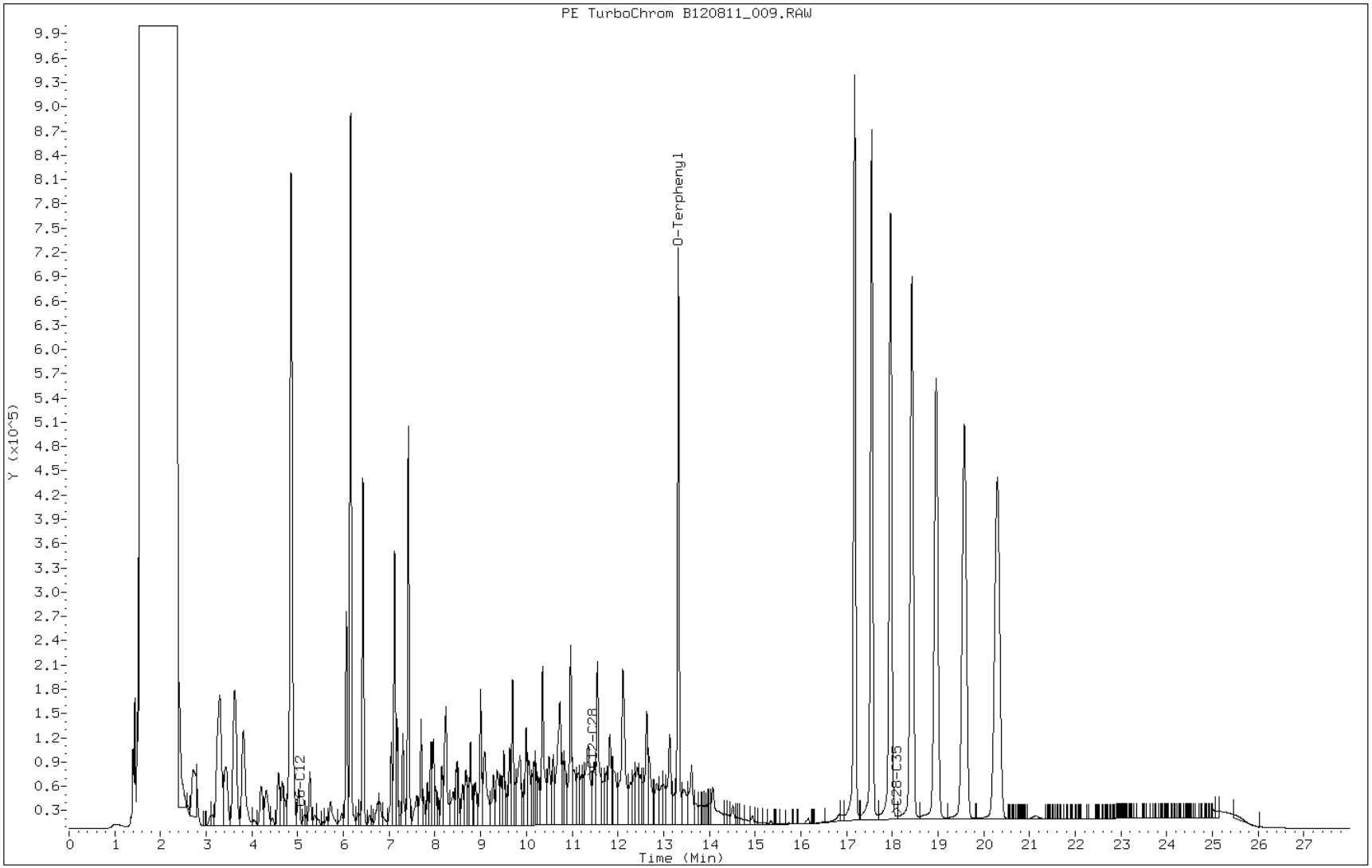
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: B120811_009.d

Date: 08-DEC-2011 21:43

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_009.d
Inj. Date and Time: 08-DEC-2011 21:43
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

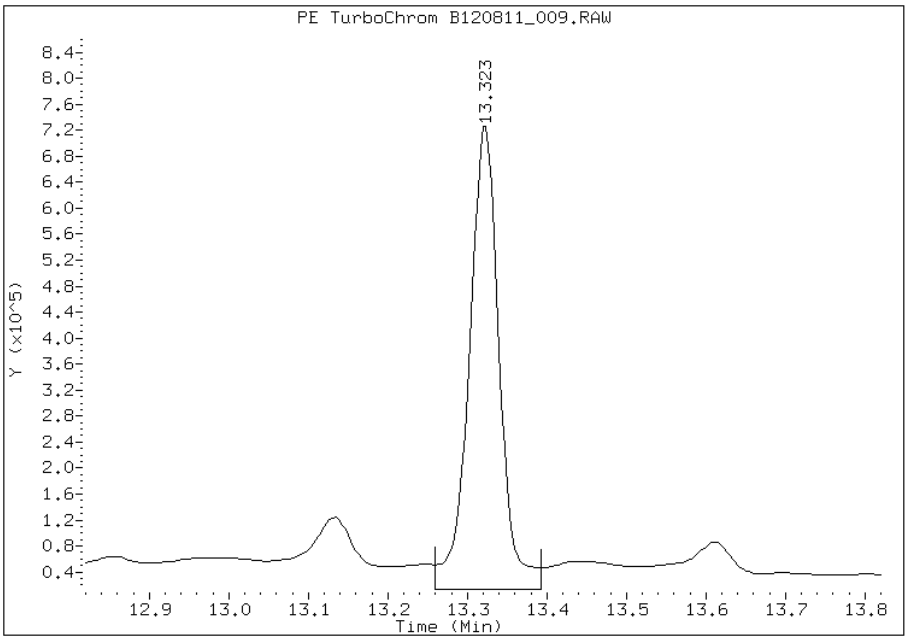
Processing Integration Results

RT: 13.32

Response: 1879096

Amount: 60.51

Conc: 60.51



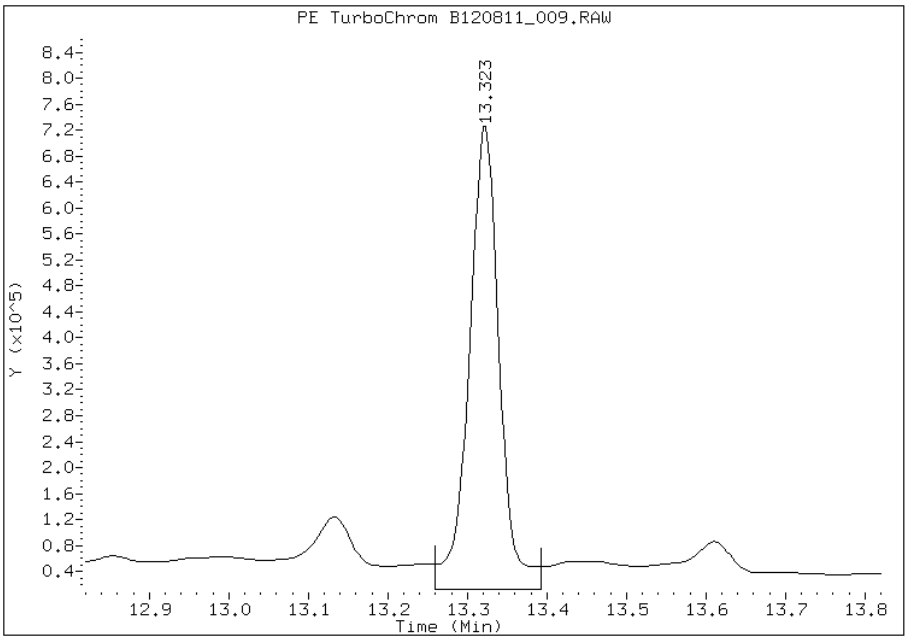
Manual Integration Results

RT: 13.32

Response: 1893028

Amount: 60.90

Conc: 60.90



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCVRT 600-72331/1 Calibration Date: 01/11/2012 18:18

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	19001		216	200	7.9	25.0
>C12-C28	Ave	15530	18649		240	200	20.1	25.0
>C28-C35	Ave	14586	15028		206	200	3.0	25.0
o-Terphenyl	Ave	24518	27085		13.8	12.5	10.5	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCVRT 600-72331/1 Calibration Date: 01/11/2012 18:18

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.98	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_002.d
Lab Smp Id: CCVRT
Inj Date : 11-JAN-2012 18:18
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 002
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3800180	400.000	215.9
$	4 O-Terphenyl	12.983	13.014	-0.031	338567	25.0000	13.81
S	2 >C12-C28	9.010-16.649			3729880	400.000	240.2
S	3 >C28-C35	16.651-20.400			3004324	400.000	206.0
S	5 Total C6-C35				10534384	400.000	662.0

Data File: A011112_002.d

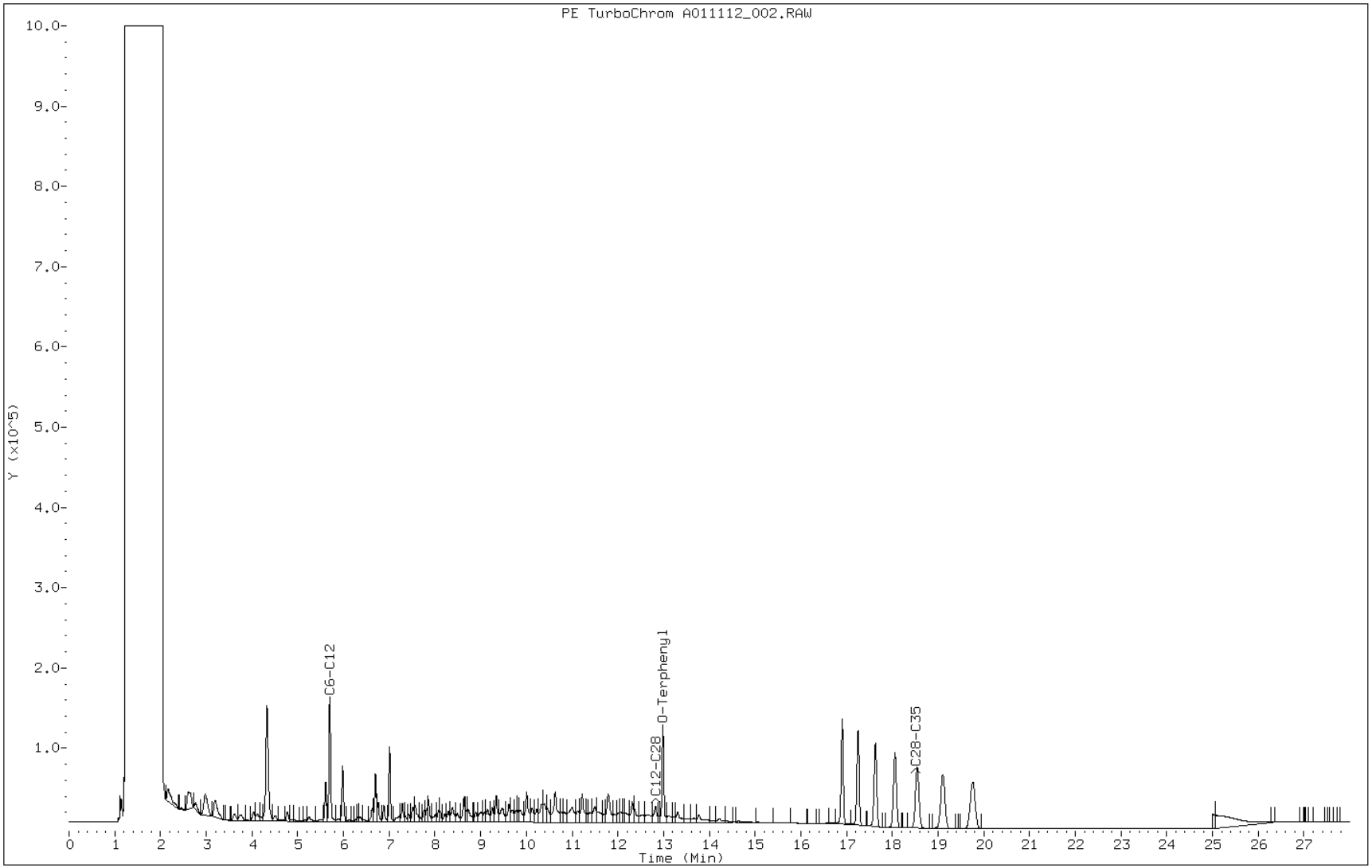
Date: 11-JAN-2012 18:18

Client ID:

Instrument: FID-07.i

Sample Info: CCVRT

Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCVRT 600-72332/1 Calibration Date: 01/11/2012 18:18

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	15585		185	200	-7.7	25.0
>C12-C28	Ave	23713	26063		220	200	9.9	25.0
>C28-C35	Ave	23293	21324		183	200	-8.5	25.0
o-Terphenyl	Ave	31084	32065		12.9	12.5	3.2	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCVRT 600-72332/1 Calibration Date: 01/11/2012 18:18

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_002.d
Lab Smp Id: CCVRT
Inj Date : 11-JAN-2012 18:18
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 052
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

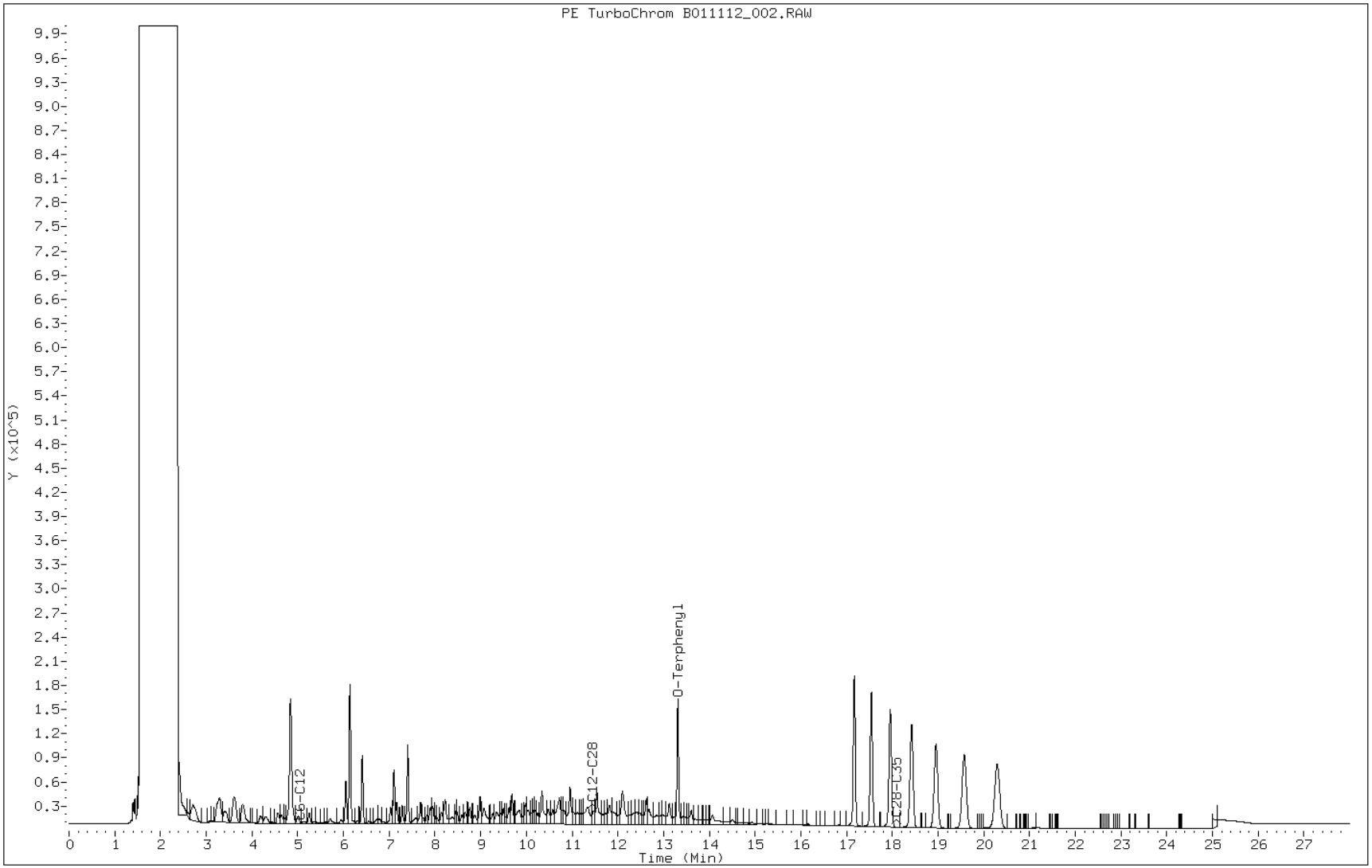
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		3116977	200.000	184.5
$	4 O-Terphenyl	13.310	13.323	-0.013	400818	12.5000	12.89
S	2 >C12-C28	7.510	-15.400		5212655	200.000	219.8
S	3 >C28-C35	15.410	-20.800		4262995	200.000	183.0
S	5 Total C6-C35				12592627	200.000	587.4

Data File: B011112_002.d

Date: 11-JAN-2012 18:18

Client ID: Instrument: FID-07.i

Sample Info: CCVRT Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCV 600-72331/2 Calibration Date: 01/12/2012 00:47

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	18877		215	200	7.2	25.0
>C12-C28	Ave	15530	18628		240	200	19.9	25.0
>C28-C35	Ave	14586	14335		197	200	-1.7	25.0
o-Terphenyl	Ave	24518	26716		13.6	12.5	9.0	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCV 600-72331/2 Calibration Date: 01/12/2012 00:47

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.98	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_013.d
Lab Smp Id: CCV
Inj Date : 12-JAN-2012 00:47
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 013
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

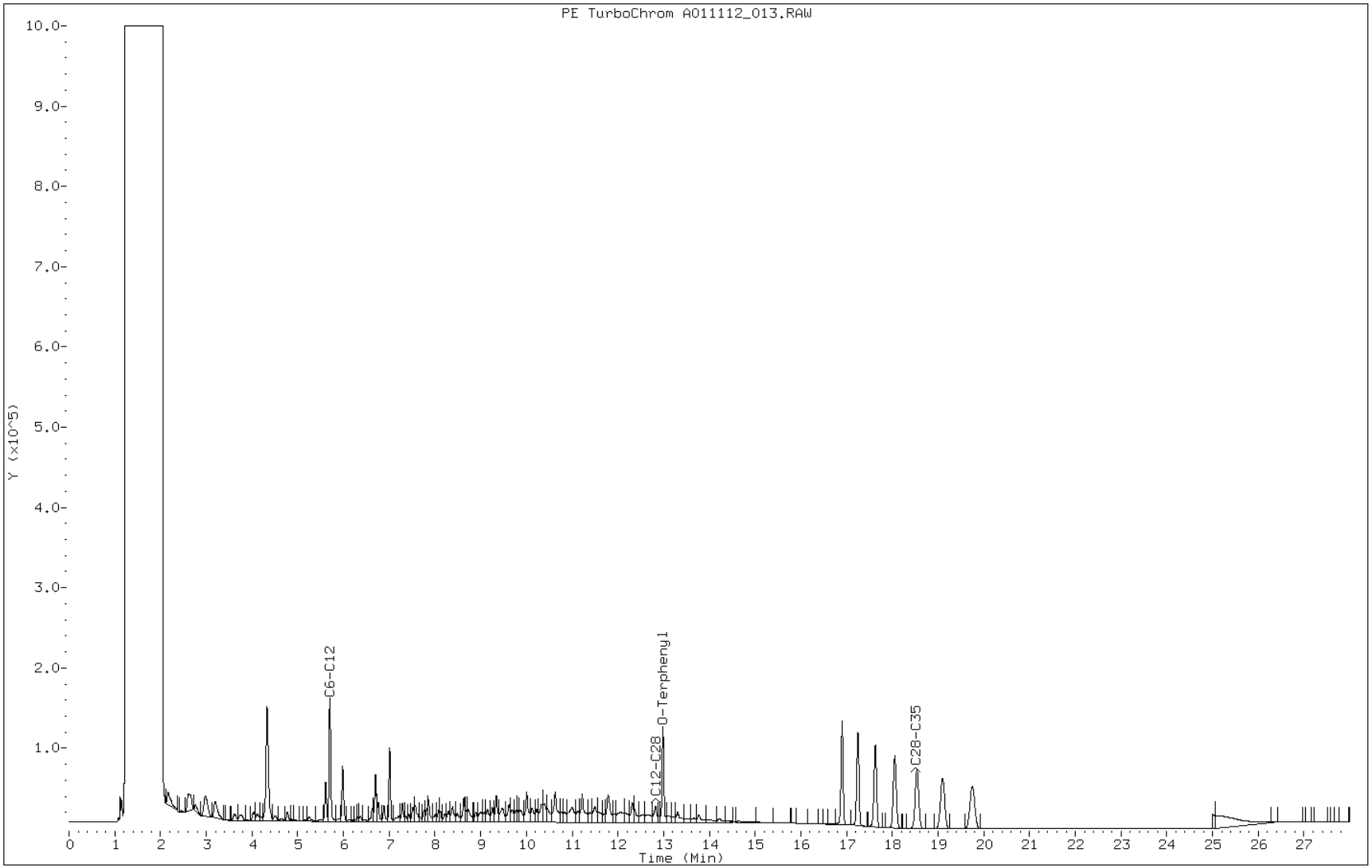
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3775399	400.000	214.5
$	4 O-Terphenyl	12.983	13.014	-0.031	333950	25.0000	13.62
S	2 >C12-C28	9.010-16.649			3725524	400.000	239.9
S	3 >C28-C35	16.651-20.400			2865897	400.000	196.5
S	5 Total C6-C35				10366820	400.000	650.8

Data File: A011112_013.d

Date: 12-JAN-2012 00:47

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCV 600-72332/8 Calibration Date: 01/12/2012 00:47

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	15258		181	200	-9.7	25.0
>C12-C28	Ave	23713	25771		217	200	8.7	25.0
>C28-C35	Ave	23293	21569		185	200	-7.4	25.0
o-Terphenyl	Ave	31084	32154		12.9	12.5	3.4	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCV 600-72332/8 Calibration Date: 01/12/2012 00:47

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_013.d
Lab Smp Id: CCV
Inj Date : 12-JAN-2012 00:47
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 063
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

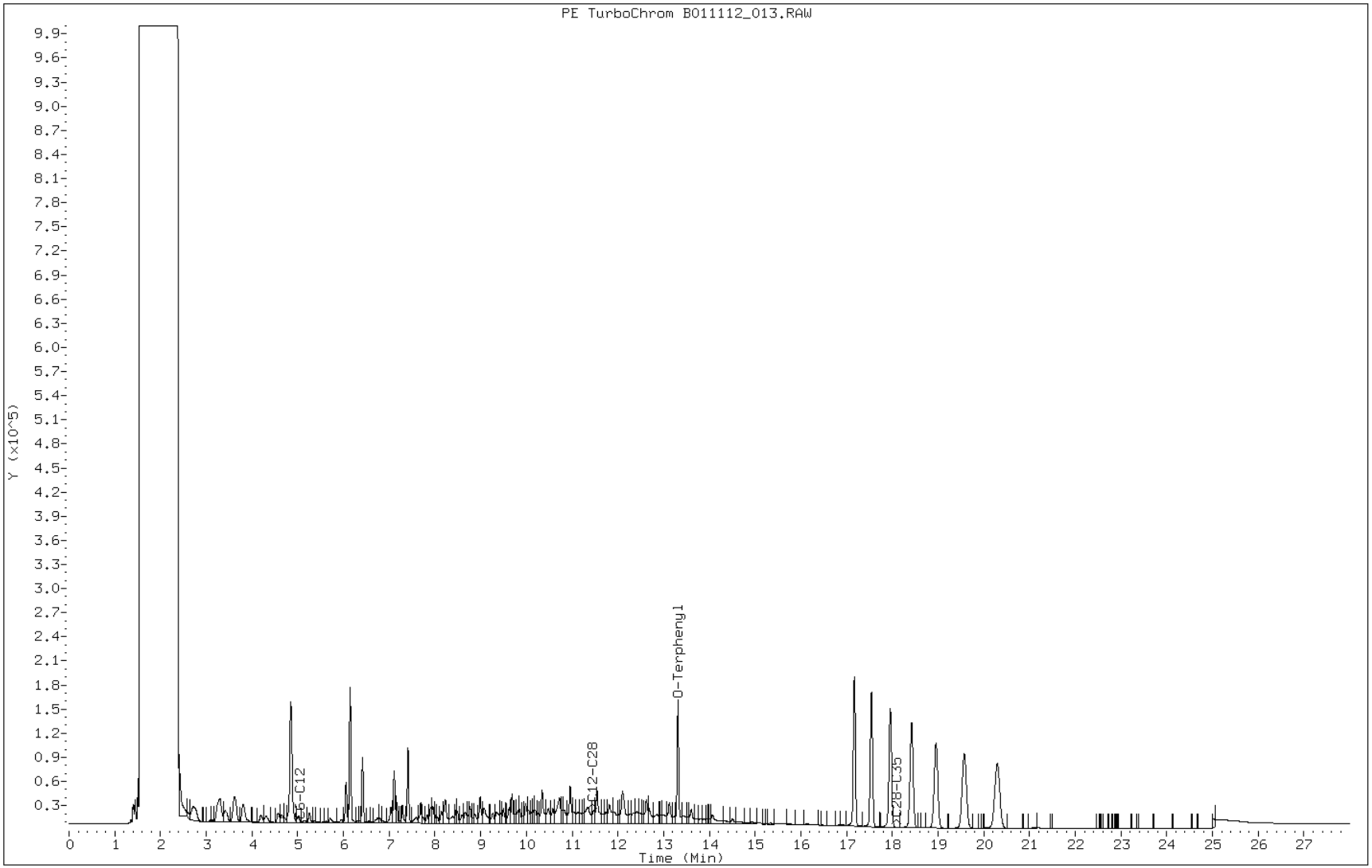
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		3051574	200.000	180.7
$	4 O-Terphenyl	13.313	13.323	-0.010	401926	12.5000	12.93
S	2 >C12-C28	7.510	-15.400		5154272	200.000	217.4
S	3 >C28-C35	15.410	-20.800		4311983	200.000	185.1
S	5 Total C6-C35				12517829	200.000	583.2

Data File: B011112_013.d

Date: 12-JAN-2012 00:47

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCV 600-72331/10 Calibration Date: 01/12/2012 06:06

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_022.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	18038		205	200	2.5	25.0
>C12-C28	Ave	15530	17493		225	200	12.6	25.0
>C28-C35	Ave	14586	15567		213	200	6.7	25.0
o-Terphenyl	Ave	24518	26612		13.6	12.5	8.5	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCV 600-72331/10 Calibration Date: 01/12/2012 06:06

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A011112_022.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.98	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_022.d
Lab Smp Id: CCV
Inj Date : 12-JAN-2012 06:06
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 022
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3607607	400.000	204.9
$	4 O-Terphenyl	12.980	13.013	-0.033	332651	25.0000	13.57
S	2 >C12-C28	9.010-16.649			3498509	400.000	225.3
S	3 >C28-C35	16.651-20.400			3112065	400.000	213.4
S	5 Total C6-C35				10218181	400.000	643.6

Data File: A011112_022.d

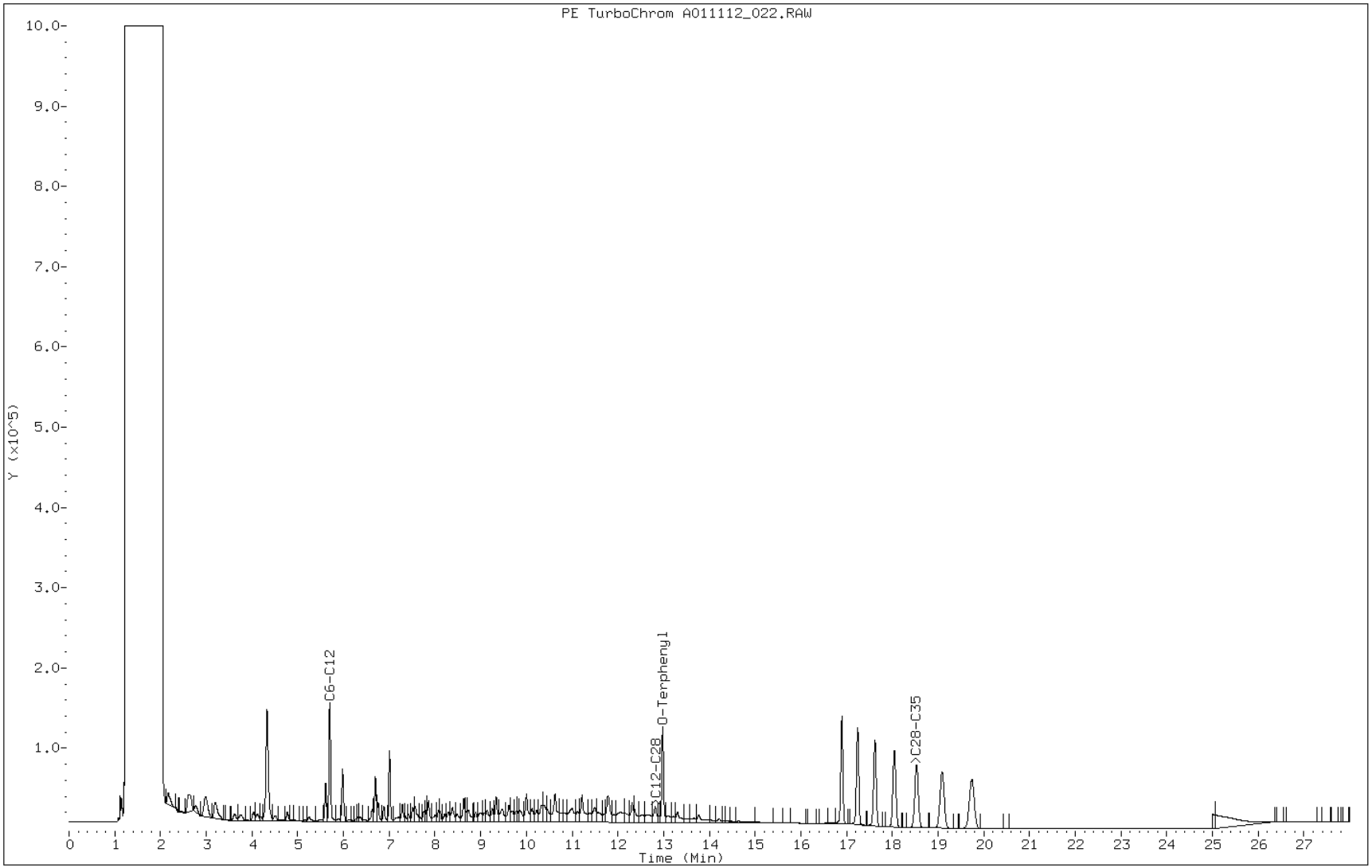
Date: 12-JAN-2012 06:06

Client ID:

Instrument: FID-07.i

Sample Info: CCV

Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCV 600-72332/14 Calibration Date: 01/12/2012 06:06

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_022.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	15120		179	200	-10.5	25.0
>C12-C28	Ave	23713	25241		213	200	6.4	25.0
>C28-C35	Ave	23293	21375		184	200	-8.2	25.0
o-Terphenyl	Ave	31084	31298		12.6	12.5	0.7	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: CCV 600-72332/14 Calibration Date: 01/12/2012 06:06

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B011112_022.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_022.d
Lab Smp Id: CCV
Inj Date : 12-JAN-2012 06:06
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 072
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

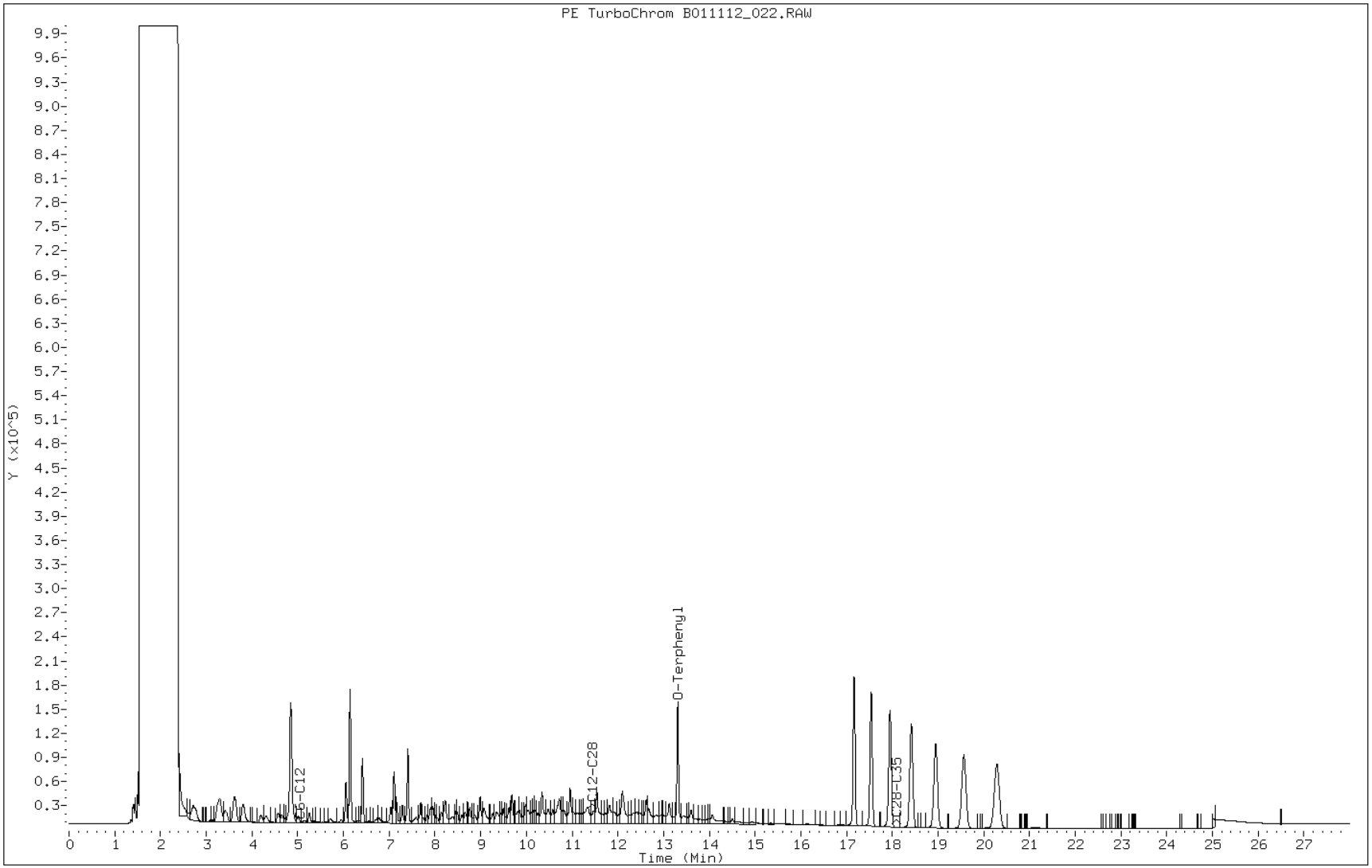
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		3024016	200.000	179.0
$	4 O-Terphenyl	13.310	13.323	-0.013	391229	12.5000	12.59
S	2 >C12-C28	7.510	-15.400		5048255	200.000	212.9
S	3 >C28-C35	15.410	-20.800		4273333	200.000	183.5
S	5 Total C6-C35				12345604	200.000	575.4

Data File: B011112_022.d

Date: 12-JAN-2012 06:06

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48440-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 600-69727/1-A

Matrix: Solid | Lab File ID: A011112_014.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/10/2012 08:51

Sample wt/vol: 10.00(g) | Date Analyzed: 01/12/2012 01:22

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72331 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	4.67	U	25.0	4.67
STL00035	>C12-C28	6.06	U	25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	9.59	U	25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_014.d
Lab Smp Id: MB 600-69727/1-A
Inj Date : 12-JAN-2012 01:22
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : MB 600-69727/1-A
Misc Info : 014
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

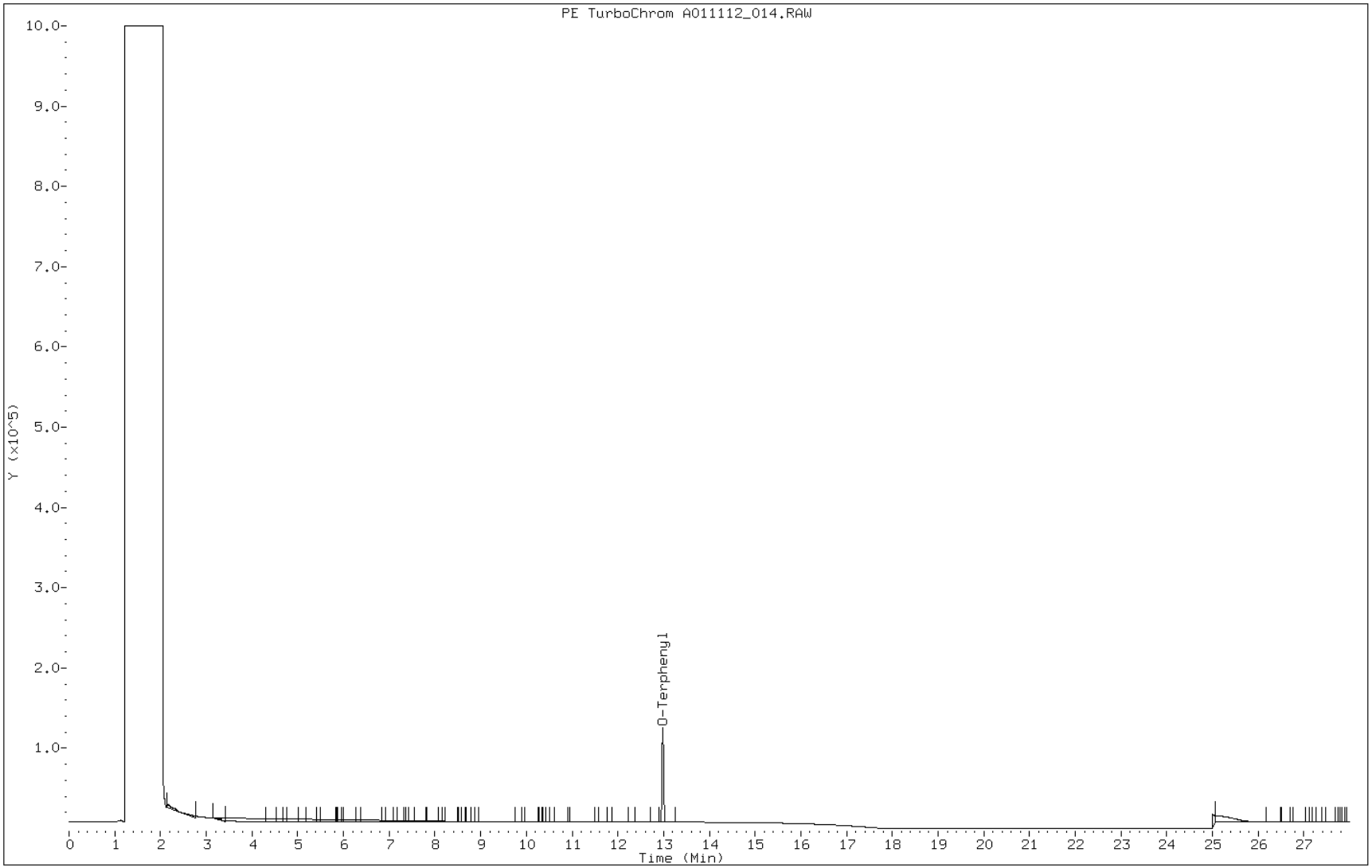
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	12.983	13.014	-0.031	291522	11.8899	11.89

Data File: A011112_014.d

Date: 12-JAN-2012 01:22

Client ID: Instrument: FID-07.i

Sample Info: MB 600-69727/1-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48440-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 600-69827/1-A

Matrix: Water | Lab File ID: B011112_003.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.00(mL) | Date Analyzed: 01/11/2012 18:53

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.370	U	5.00	0.370
STL00035	>C12-C28	0.320	U	5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	0.560	U	5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_003.d
Lab Smp Id: MB 600-69827/1-A
Inj Date : 11-JAN-2012 18:53
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : MB 600-69827/1-A
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600	-7.500		37888	2.24317	0.224(a)
$	4 O-Terphenyl	13.313	13.323	-0.010	450209	14.4838	1.45
S	5 Total C6-C35				37888	2.24317	0.224(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: B011112_003.d

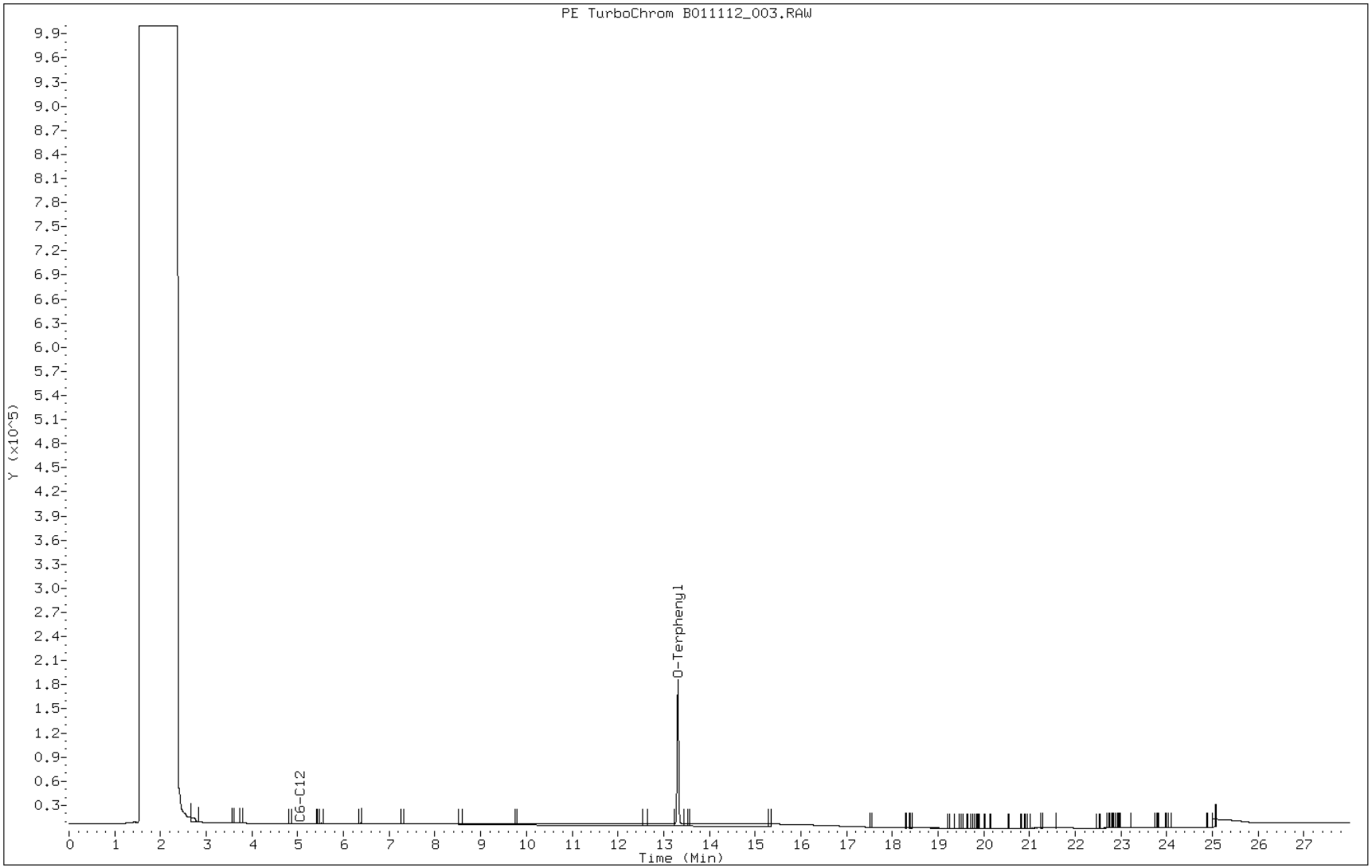
Date: 11-JAN-2012 18:53

Client ID:

Instrument: FID-07.i

Sample Info: MB 600-69827/1-A

Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48440-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 600-69727/2-A

Matrix: Solid | Lab File ID: A011112_015.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/10/2012 08:51

Sample wt/vol: 10.00(g) | Date Analyzed: 01/12/2012 01:58

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72331 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	232.1		25.0	4.67
STL00035	>C12-C28	280.0		25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	512.1		25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	107		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112A.b\A011112_015.d
Lab Smp Id: LCS 600-69727/2-A
Inj Date : 12-JAN-2012 01:58
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : LCS 600-69727/2-A
Misc Info : 015
Comment :
Method : \\housvr4\chem\FID-07.i\011112A.b\1005A.m
Meth Date : 14-Feb-2012 20:21 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.400-9.000			4085195	232.052	232.1
$	4 O-Terphenyl	12.980	13.014	-0.034	328765	13.4089	13.41
S	2 >C12-C28	9.010-16.649			4348845	280.033	280.0
S	5 Total C6-C35				8434040	512.085	512.1

Data File: A011112_015.d

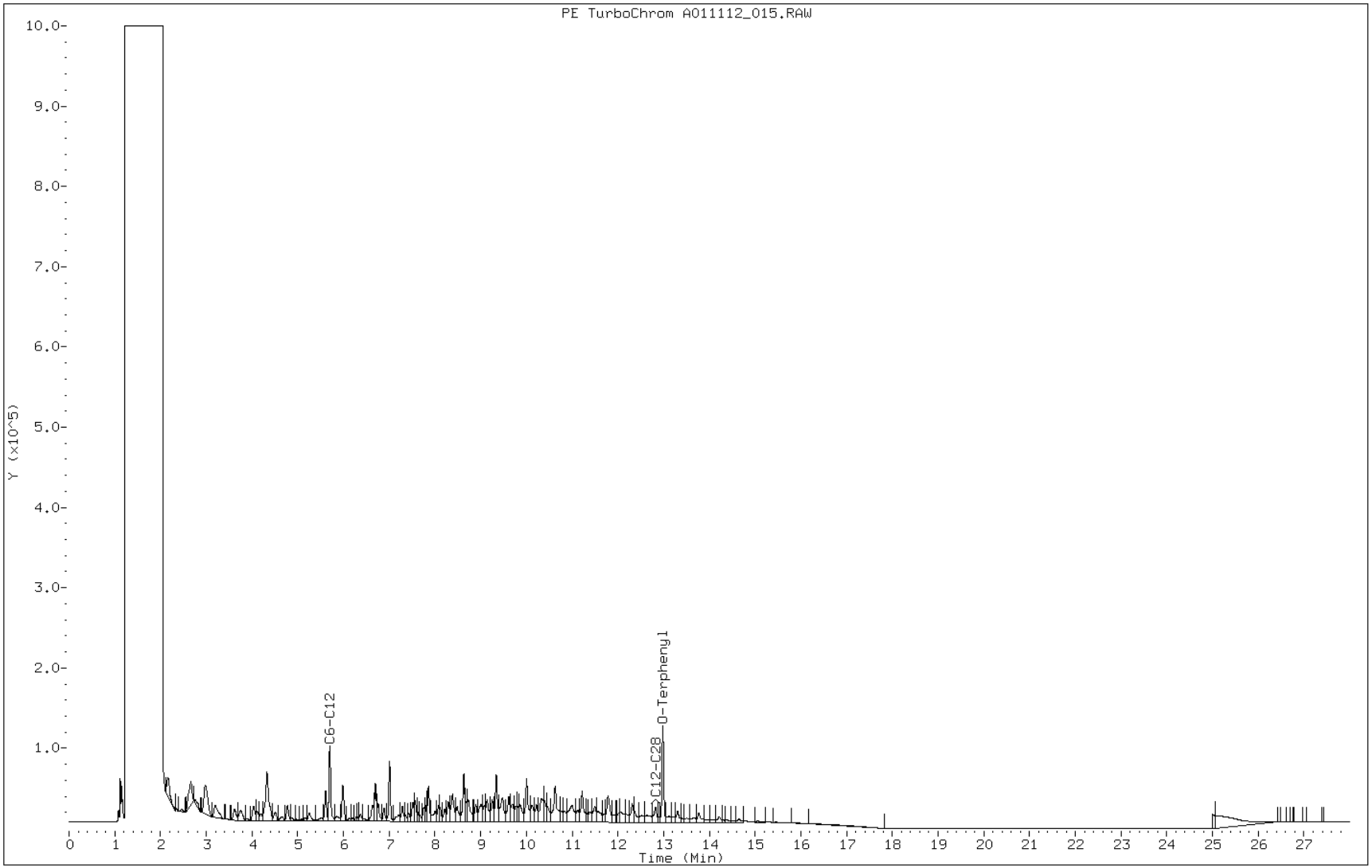
Date: 12-JAN-2012 01:58

Client ID:

Instrument: FID-07.i

Sample Info: LCS 600-69727/2-A

Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-48440-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 600-69827/2-A

Matrix: Water | Lab File ID: B011112_004.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/11/2012 10:44

Sample wt/vol: 30.00(mL) | Date Analyzed: 01/11/2012 19:28

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 72332 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	26.41		5.00	0.370
STL00035	>C12-C28	37.84		5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	64.25		5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\011112B.b\B011112_004.d
Lab Smp Id: LCS 600-69827/2-A
Inj Date : 11-JAN-2012 19:28
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : LCS 600-69827/2-A
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\011112B.b\1005B.m
Meth Date : 14-Feb-2012 20:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600	7.500		4461070	264.119	26.41
$	4 O-Terphenyl	13.313	13.323	-0.010	522540	16.8107	1.68(R)
S	2 >C12-C28	7.510	15.400		8971803	378.355	37.84
S	5 Total C6-C35				13432873	642.475	64.25

QC Flag Legend

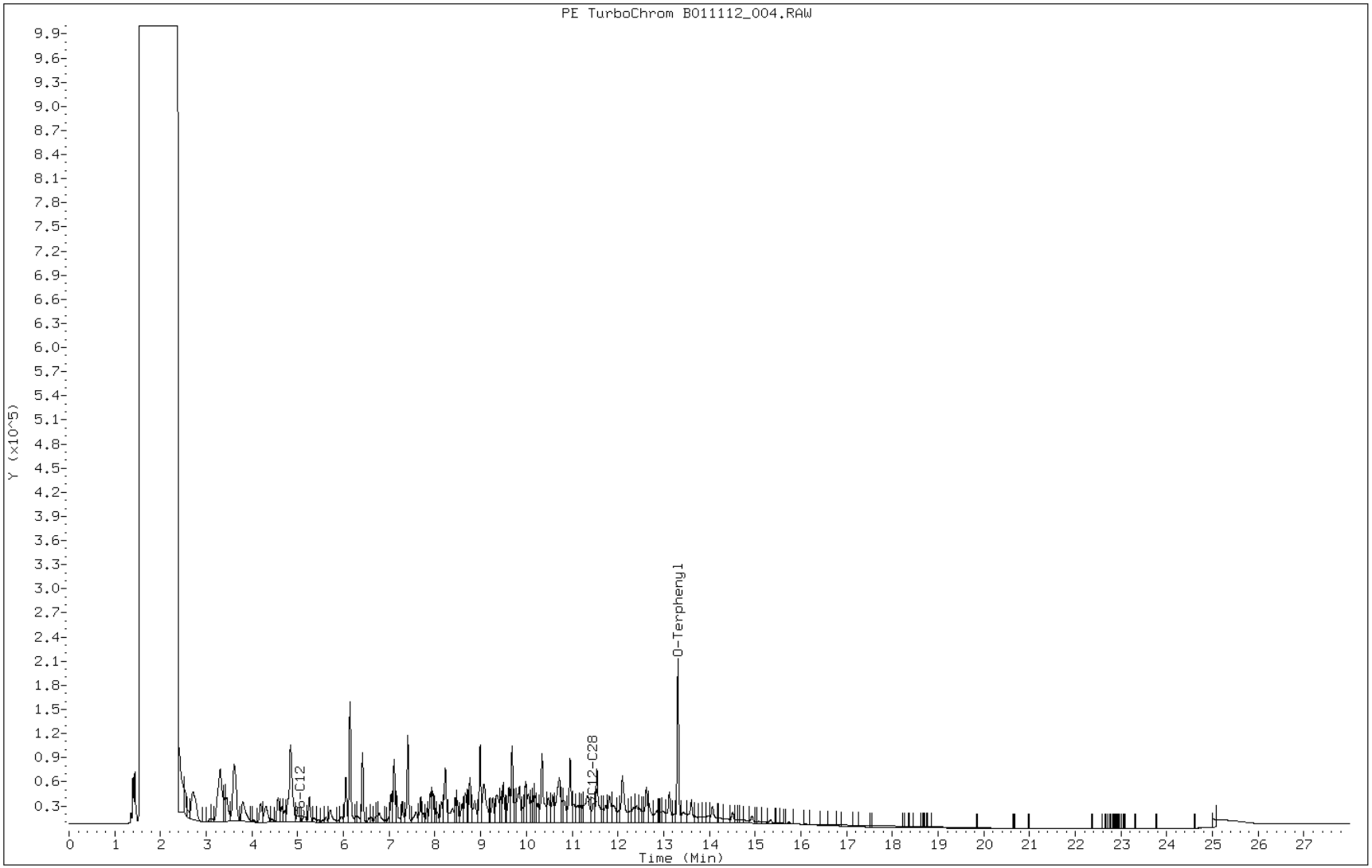
R - Spike/Surrogate failed recovery limits.

Data File: B011112_004.d

Date: 11-JAN-2012 19:28

Client ID: Instrument: FID-07.i

Sample Info: LCS 600-69827/2-A Operator: vanderborghr



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: FID07 Start Date: 12/05/2011 15:35

Analysis Batch Number: 67686 End Date: 12/06/2011 13:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67686/25		12/05/2011 15:35	1	A120511_004.d	RTX-5 0.53(mm)
IC 600-67686/26		12/05/2011 16:23	1	A120511_005.d	RTX-5 0.53(mm)
ICRT 600-67686/27		12/05/2011 17:03	1	A120511_006.d	RTX-5 0.53(mm)
IC 600-67686/28		12/05/2011 17:44	1	A120511_007.d	RTX-5 0.53(mm)
IC 600-67686/29		12/05/2011 18:25	1	A120511_008.d	RTX-5 0.53(mm)
IC 600-67686/30		12/05/2011 19:06	1	A120511_009.d	RTX-5 0.53(mm)
ICV 600-67686/31		12/05/2011 19:47	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 20:28	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:09	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:49	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 22:29	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:10	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 00:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 02:30	1		RTX-5 0.53(mm)
CCV 600-67686/11		12/06/2011 03:09	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 03:49	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 04:28	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:08	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:47	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 06:26	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:06	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:45	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 09:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 10:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 12:30	1		RTX-5 0.53(mm)
CCV 600-67686/24		12/06/2011 13:11	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: FID07 Start Date: 12/08/2011 17:54

Analysis Batch Number: 67901 End Date: 12/09/2011 07:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67901/1		12/08/2011 17:54	1	B120811_003.d	RTX-5 0.53(mm)
IC 600-67901/2		12/08/2011 18:33	1	B120811_004.d	RTX-5 0.53(mm)
IC 600-67901/3		12/08/2011 19:11	1	B120811_005.d	RTX-5 0.53(mm)
ICRT 600-67901/4		12/08/2011 19:49	1	B120811_006.d	RTX-5 0.53(mm)
IC 600-67901/5		12/08/2011 20:28	1	B120811_007.d	RTX-5 0.53(mm)
IC 600-67901/6		12/08/2011 21:05	1	B120811_008.d	RTX-5 0.53(mm)
IC 600-67901/7		12/08/2011 21:43	1	B120811_009.d	RTX-5 0.53(mm)
CCVRT 600-67901/8		12/08/2011 22:58	1		RTX-5 0.53(mm)
ZZZZZ		12/08/2011 23:35	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:12	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:50	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 01:27	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:04	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:41	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:18	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:55	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 04:31	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 05:08	1		RTX-5 0.53(mm)
CCV 600-67901/19		12/09/2011 05:45	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:22	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:59	1		RTX-5 0.53(mm)
CCV 600-67901/22		12/09/2011 07:36	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: FID07 Start Date: 01/11/2012 18:18

Analysis Batch Number: 72331 End Date: 01/12/2012 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-72331/1		01/11/2012 18:18	1	A011112_002.d	RTX-5 0.53(mm)
CCV 600-72331/2		01/12/2012 00:47	1	A011112_013.d	RTX-5 0.53(mm)
MB 600-69727/1-A		01/12/2012 01:22	1	A011112_014.d	RTX-5 0.53(mm)
LCS 600-69727/2-A		01/12/2012 01:58	1	A011112_015.d	RTX-5 0.53(mm)
ZZZZZ		01/12/2012 02:34	1		RTX-5 0.53(mm)
ZZZZZ		01/12/2012 03:09	1		RTX-5 0.53(mm)
ZZZZZ		01/12/2012 03:44	1		RTX-5 0.53(mm)
ZZZZZ		01/12/2012 04:20	1		RTX-5 0.53(mm)
ZZZZZ		01/12/2012 04:55	1		RTX-5 0.53(mm)
CCV 600-72331/10		01/12/2012 06:06	1	A011112_022.d	RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: FID07 Start Date: 01/11/2012 18:18

Analysis Batch Number: 72332 End Date: 01/12/2012 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-72332/1		01/11/2012 18:18	1	B011112_002.d	RTX-5 0.53(mm)
MB 600-69827/1-A		01/11/2012 18:53	1	B011112_003.d	RTX-5 0.53(mm)
LCS 600-69827/2-A		01/11/2012 19:28	1	B011112_004.d	RTX-5 0.53(mm)
ZZZZZ		01/11/2012 21:13	1		RTX-5 0.53(mm)
ZZZZZ		01/11/2012 21:48	1		RTX-5 0.53(mm)
ZZZZZ		01/11/2012 22:24	1		RTX-5 0.53(mm)
ZZZZZ		01/11/2012 23:00	1		RTX-5 0.53(mm)
ZZZZZ		01/11/2012 23:36	1		RTX-5 0.53(mm)
600-48440-2	Field Blank 2	01/12/2012 00:11	1	B011112_012.d	RTX-5 0.53(mm)
CCV 600-72332/8		01/12/2012 00:47	1	B011112_013.d	RTX-5 0.53(mm)
600-48440-7	Trip Blank	01/12/2012 01:22	1	B011112_014.d	RTX-5 0.53(mm)
600-48440-8	Equipment Blank 3	01/12/2012 01:58	1	B011112_015.d	RTX-5 0.53(mm)
600-48440-1	2012-RMSA-4(1.5-3.5')	01/12/2012 04:20	1	B011112_019.d	RTX-5 0.53(mm)
600-48440-3	2012-RMSA-1(1.5-2.5')	01/12/2012 04:55	1	B011112_020.d	RTX-5 0.53(mm)
CCV 600-72332/14		01/12/2012 06:06	1	B011112_022.d	RTX-5 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69727 Batch Start Date: 01/10/12 08:51 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_S_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005SURR 00053		
MB 600-69727/1		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL		250 uL		
LCS 600-69727/2		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL	250 uL	250 uL		
600-48440-B-1	2012-RMSA-4(1.5-3.5')	TX_1005_S_Prep, TX 1005	T	10.04 g	10.00 mL		250 uL		
600-48440-A-3	2012-RMSA-1(1.5-2.5')	TX_1005_S_Prep, TX 1005	T	10.01 g	10.00 mL		250 uL		

Batch Notes	
Vendor lot number	ExPentane-00007
Solvent	Pentane

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69827 Batch Start Date: 01/11/12 10:44 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_W_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005SURR 00054	AnalysisComment
MB 600-69827/1		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL		100 uL	
LCS 600-69827/2		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL	100 uL	100 uL	
600-48440-A-2	Field Blank 2	TX_1005_W_Prep, TX 1005	T	2 SU	30.62 mL	3.00 mL		100 uL	
600-48440-A-7	Trip Blank	TX_1005_W_Prep, TX 1005	T	2 SU	30.32 mL	3.00 mL		100 uL	trip blank
600-48440-E-8	Equipment Blank 3	TX_1005_W_Prep, TX 1005	T	2 SU	30.77 mL	3.00 mL		100 uL	

Batch Notes	
Vendor lot number	ExPentane-00008
Solvent	Pentane

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-RMSA-4(1.5-3.5')	600-48440-1
2012-RMSA-1(1.5-2.5')	600-48440-3
2012-RMSA-4(Recon GW)	600-48440-4
2012 CUFT-1(0-2')	600-48440-5
2012 CUFT-2 (0-2')	600-48440-6
Equipment Blank 3	600-48440-8

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-RMSA-4(1.5-3.5') Lab Sample ID: 600-48440-1

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG ID.:

Matrix: Solid Date Sampled: 01/06/2012 09:25

Reporting Basis: DRY Date Received: 01/07/2012 10:33

% Solids: 74.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	2.53	0.338	0.0347	mg/Kg			1	6010B
7439-92-1	Lead	856	0.676	0.142	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-RMSA-1(1.5-2.5') Lab Sample ID: 600-48440-3

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG ID.:

Matrix: Solid Date Sampled: 01/06/2012 11:16

Reporting Basis: DRY Date Received: 01/07/2012 10:33

% Solids: 94.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.27	0.257	0.0264	mg/Kg			1	6010B
7439-92-1	Lead	116	0.514	0.108	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-RMSA-4(Recon GW) Lab Sample ID: 600-48440-4

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG ID.:

Matrix: Water Date Sampled: 01/06/2012 11:27

Reporting Basis: WET Date Received: 01/07/2012 10:33

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0400	0.0250	0.00175	mg/L			1	6010B
7439-92-1	Lead	1.68	0.0500	0.0145	mg/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 CUFT-1(0-2') Lab Sample ID: 600-48440-5

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG ID.:

Matrix: Solid Date Sampled: 01/06/2012 13:56

Reporting Basis: DRY Date Received: 01/07/2012 10:33

% Solids: 77.4

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.150	0.633	0.150	mg/Kg	U		1	6010B
7440-38-2	Arsenic	7.18	1.27	0.276	mg/Kg			1	6010B
7440-39-3	Barium	50.8	1.27	0.0143	mg/Kg		b	1	6010B
7440-41-7	Beryllium	0.764	0.316	0.0184	mg/Kg			1	6010B
7440-43-9	Cadmium	0.344	0.316	0.0325	mg/Kg			1	6010B
7440-47-3	Chromium	8.22	0.633	0.0641	mg/Kg			1	6010B
7440-02-0	Nickel	12.4	1.27	0.148	mg/Kg			1	6010B
7439-92-1	Lead	12.8	0.633	0.133	mg/Kg			1	6010B
7440-36-0	Antimony	0.293	3.16	0.293	mg/Kg	U		1	6010B
7782-49-2	Selenium	0.328	2.53	0.328	mg/Kg	U		1	6010B
7440-66-6	Zinc	54.5	1.90	0.137	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 CUFT-2 (0-2') Lab Sample ID: 600-48440-6

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG ID.:

Matrix: Solid Date Sampled: 01/06/2012 14:12

Reporting Basis: DRY Date Received: 01/07/2012 10:33

% Solids: 79.4

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.145	0.612	0.145	mg/Kg	U		1	6010B
7440-38-2	Arsenic	6.83	1.22	0.267	mg/Kg			1	6010B
7440-39-3	Barium	49.5	1.22	0.0139	mg/Kg		b	1	6010B
7440-41-7	Beryllium	0.806	0.306	0.0178	mg/Kg			1	6010B
7440-43-9	Cadmium	0.466	0.306	0.0314	mg/Kg			1	6010B
7440-47-3	Chromium	9.52	0.612	0.0619	mg/Kg			1	6010B
7440-02-0	Nickel	9.07	1.22	0.143	mg/Kg			1	6010B
7439-92-1	Lead	33.2	0.612	0.128	mg/Kg			1	6010B
7440-36-0	Antimony	0.283	3.06	0.283	mg/Kg	U		1	6010B
7782-49-2	Selenium	0.317	2.45	0.317	mg/Kg	U		1	6010B
7440-66-6	Zinc	45.2	1.84	0.133	mg/Kg		b	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Equipment Blank 3 Lab Sample ID: 600-48440-8

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG ID.:

Matrix: Water Date Sampled: 01/06/2012 14:18

Reporting Basis: WET Date Received: 01/07/2012 10:33

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.0121	0.0100	0.00290	mg/L			1	6010B
7440-36-0	Antimony	0.00630	0.0500	0.00630	mg/L	U		1	6010B
7440-41-7	Beryllium	0.00134	0.00500	0.00134	mg/L	U		1	6010B
7440-39-3	Barium	0.00490	0.0200	0.00220	mg/L	J		1	6010B
7440-02-0	Nickel	0.00179	0.0100	0.00179	mg/L	U		1	6010B
7440-22-4	Silver	0.00125	0.0100	0.00125	mg/L	U		1	6010B
7440-38-2	Arsenic	0.00328	0.0100	0.00328	mg/L	U		1	6010B
7440-66-6	Zinc	0.00480	0.0100	0.00217	mg/L	J	b	1	6010B
7782-49-2	Selenium	0.00417	0.0400	0.00417	mg/L	U		1	6010B
7440-47-3	Chromium	0.00155	0.0100	0.00155	mg/L	U		1	6010B

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	ICV 600-69997/9 01/13/2012 07:54				CCV 600-69997/26 01/13/2012 08:38				CCV 600-69997/39 01/13/2012 09:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.4998		0.500	100	0.4915		0.500	98	0.5153		0.500	103
Arsenic	0.4904		0.500	98	0.5031		0.500	101	0.5203		0.500	104
Barium	0.4947		0.500	99	0.4866		0.500	97	0.4763		0.500	95
Beryllium	0.5117		0.500	102	0.4881		0.500	98	0.4759		0.500	95
Cadmium	0.4909		0.500	98	0.4916		0.500	98	0.5012		0.500	100
Chromium	0.4861		0.500	97	0.4531		0.500	91	0.4786		0.500	96
Lead	0.4932		0.500	99	0.4861		0.500	97	0.4894		0.500	98
Nickel	0.4932		0.500	99	0.4881		0.500	98	0.4989		0.500	100
Selenium	0.4984		0.500	100	0.5138		0.500	103	0.5355		0.500	107
Silver	0.2391		0.250	96	0.2338		0.250	94	0.2460		0.250	98
Zinc	0.4955		0.500	99	0.4784		0.500	96	0.4782		0.500	96

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	CCV 600-69997/52 01/13/2012 09:47				CCV 600-69997/58 01/13/2012 10:03							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.5301		0.500	106	0.5218		0.500	104				
Arsenic	0.5321		0.500	106	0.5224		0.500	104				
Barium	0.5100		0.500	102	0.5018		0.500	100				
Beryllium	0.4969		0.500	99	0.4888		0.500	98				
Cadmium	0.5058		0.500	101	0.4943		0.500	99				
Chromium												
Lead	0.4904		0.500	98	0.4799		0.500	96				
Nickel	0.4992		0.500	100	0.4870		0.500	97				
Selenium	0.5557		0.500	111	0.5462		0.500	109				
Silver	0.2269		0.250	91	0.2332		0.250	93				
Zinc	0.4702		0.500	94	0.4585		0.500	92				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

ICV Source: MET0112CCV_00003 Concentration Units: mg/L

CCV Source: MET0112CCV_00003

Analyte	ICV 600-70097/9 01/14/2012 12:08				CCV 600-70097/46 01/14/2012 13:44				CCV 600-70097/59 01/14/2012 14:18			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.4858		0.500	97	0.4821		0.500	96	0.5010		0.500	100
Arsenic	0.4824		0.500	96	0.4803		0.500	96	0.4784		0.500	96
Barium	0.4723		0.500	94	0.4864		0.500	97	0.4905		0.500	98
Beryllium	0.4812		0.500	96	0.4772		0.500	95	0.4802		0.500	96
Cadmium	0.4821		0.500	96	0.4686		0.500	94	0.4686		0.500	94
Chromium	0.4868		0.500	97	0.4774		0.500	95	0.4694		0.500	94
Lead	0.4828		0.500	97	0.4772		0.500	95	0.4836		0.500	97
Nickel	0.4826		0.500	97	0.4808		0.500	96	0.4879		0.500	98
Selenium	0.4940		0.500	99	0.4966		0.500	99	0.4990		0.500	100
Silver	0.2443		0.250	98	0.2435		0.250	97	0.2389		0.250	96
Zinc	0.4834		0.500	97	0.4655		0.500	93	0.4701		0.500	94

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

ICV Source: MET0112CCV_00003 Concentration Units: mg/L

CCV Source: MET0112CCV_00003

Analyte	CCV 600-70097/72 01/14/2012 14:53				CCV 600-70097/85 01/14/2012 15:26							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.4749		0.500	95	0.4792		0.500	96				
Arsenic	0.4736		0.500	95	0.4790		0.500	96				
Barium	0.4899		0.500	98	0.4948		0.500	99				
Beryllium	0.4811		0.500	96	0.4826		0.500	97				
Cadmium	0.4679		0.500	94	0.4712		0.500	94				
Chromium	0.4860		0.500	97	0.4828		0.500	97				
Lead	0.4749		0.500	95	0.4743		0.500	95				
Nickel	0.4780		0.500	96	0.4773		0.500	95				
Selenium	0.4910		0.500	98	0.4922		0.500	98				
Silver	0.2456		0.250	98	0.2414		0.250	97				
Zinc	0.4606		0.500	92	0.4658		0.500	93				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

ICV Source: MET1211CCV_00003 Concentration Units: mg/L

CCV Source: MET1211CCV_00003

Analyte	ICV 600-69825/4 01/11/2012 07:33				CCV 600-69825/9 01/11/2012 07:52				CCV 600-69825/21 01/11/2012 08:40			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.4936		0.500	99	0.4931		0.500	99	0.4753		0.500	95
Arsenic	0.4990		0.500	100	0.4954		0.500	99	0.4789		0.500	96
Barium	0.4932		0.500	99	0.4952		0.500	99	0.4797		0.500	96
Beryllium	0.5073		0.500	101	0.5005		0.500	100	0.4877		0.500	98
Cadmium	0.4998		0.500	100	0.4923		0.500	98	0.4793		0.500	96
Chromium	0.4977		0.500	100	0.4904		0.500	98	0.4766		0.500	95
Lead	0.4994		0.500	100	0.4913		0.500	98	0.4778		0.500	96
Nickel	0.4873		0.500	97	0.4857		0.500	97	0.4797		0.500	96
Selenium	0.5068		0.500	101	0.5035		0.500	101	0.4859		0.500	97
Silver	0.2465		0.250	99	0.2451		0.250	98	0.2380		0.250	95
Zinc	0.5080		0.500	102	0.5005		0.500	100	0.4861		0.500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

ICV Source: MET1211CCV_00003 Concentration Units: mg/L

CCV Source: MET1211CCV_00003

Analyte	CCV 600-69825/33 01/11/2012 09:26				CCV 600-69825/45 01/11/2012 10:13							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.4818		0.500	96	0.4822		0.500	96				
Arsenic	0.4830		0.500	97	0.4862		0.500	97				
Barium	0.4875		0.500	97	0.4879		0.500	98				
Beryllium	0.4898		0.500	98	0.4860		0.500	97				
Cadmium	0.4816		0.500	96	0.4831		0.500	97				
Chromium	0.4799		0.500	96	0.4783		0.500	96				
Lead	0.4807		0.500	96	0.4788		0.500	96				
Nickel	0.4842		0.500	97	0.4890		0.500	98				
Selenium	0.4915		0.500	98	0.4917		0.500	98				
Silver	0.2412		0.250	96	0.2404		0.250	96				
Zinc	0.4898		0.500	98	0.4909		0.500	98				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-69825/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005600		112	0-500
Beryllium	0.00500	0.005360		107	0-500
Barium	0.0100	0.01053	J	105	0-500
Lead	0.0100	0.01106		111	0-500
Antimony	0.0100	0.01219	J	122	0-500
Nickel	0.0100	0.01054		105	0-500
Silver	0.00500	0.005090	J	102	0-500
Arsenic	0.0100	0.01191	J	119	0-500
Zinc	0.0100	0.01083		108	0-500
Selenium	0.0100	0.01165	J	117	0-500
Chromium	0.0100	0.01068		107	0-500

Lab Sample ID: CRI 600-69825/77 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005080		102	0-500
Beryllium	0.00500	0.003890	J	78	0-500
Barium	0.0100	0.01044	J	104	0-500
Lead	0.0100	0.009420	J	94	0-500
Antimony	0.0100	0.01325	J	133	0-500
Nickel	0.0100	0.01090		109	0-500
Silver	0.00500	0.004740	J	95	0-500
Arsenic	0.0100	0.01045	J	105	0-500
Zinc	0.0100	0.009880	J	99	0-500
Selenium	0.0100	0.009760	J	98	0-500
Chromium	0.0100	0.01006		101	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69997/11 01/13/2012 07:59		CCB 600-69997/28 01/13/2012 08:44		CCB 600-69997/41 01/13/2012 09:18		CCB 600-69997/54 01/13/2012 09:52	
		Found	C	Found	C	Found	C	Found	C
Antimony	0.0500	0.00630	U			0.00630	U	0.00630	U
Arsenic	0.0100	0.00328	U			0.00328	U	0.00328	U
Barium	0.0100	0.00220	U			0.00220	U	0.00220	U
Beryllium	0.00500	0.00134	U			0.00134	U	0.00134	U
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Chromium	0.0100	0.00155	U			0.00155	U	0.00155	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U
Nickel	0.0100	0.00179	U			0.00179	U	0.00179	U
Selenium	0.0400	0.00417	U			0.00417	U	0.00417	U
Silver	0.0100	0.00125	U			0.00125	U	0.00125	U
Zinc	0.0100	0.00217	U			0.00217	U	0.00217	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-69997/60 01/13/2012 10:08							
		Found	C	Found	C	Found	C	Found	C
Antimony	0.0500	0.00630	U						
Arsenic	0.0100	0.00328	U						
Barium	0.0100	0.00220	U						
Beryllium	0.00500	0.00134	U						
Cadmium	0.00500	0.000350	U						
Chromium	0.0100	0.00155	U						
Lead	0.0100	0.00290	U						
Nickel	0.0100	0.00179	U						
Selenium	0.0400	0.00417	U						
Silver	0.0100	0.00125	U						
Zinc	0.0100	0.00217	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70097/11 01/14/2012 12:13		CCB 600-70097/48 01/14/2012 13:50		CCB 600-70097/61 01/14/2012 14:23		CCB 600-70097/74 01/14/2012 14:58	
		Found	C	Found	C	Found	C	Found	C
Antimony	0.0500	0.00630	U	0.00630	U	0.00630	U	0.00630	U
Arsenic	0.0100	0.00328	U	0.00328	U	0.00328	U	0.00328	U
Barium	0.0100	0.00220	U	0.00220	U	0.00220	U	0.00220	U
Beryllium	0.00500	0.00134	U	0.00134	U	0.00134	U	0.00134	U
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Chromium	0.0100	0.00155	U	0.00155	U	0.00155	U	0.00155	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U
Nickel	0.0100	0.00179	U	0.00179	U	0.00179	U	0.00179	U
Selenium	0.0400	0.00417	U	0.00417	U	0.00417	U	0.00417	U
Silver	0.0100	0.00125	U	0.00125	U	0.00125	U	0.00125	U
Zinc	0.0100	0.00217	U	0.00217	U	0.00217	U	0.00217	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70097/87 01/14/2012 15:31							
		Found	C	Found	C	Found	C	Found	C
Antimony	0.0500	0.00630	U						
Arsenic	0.0100	0.00328	U						
Barium	0.0100	0.00220	U						
Beryllium	0.00500	0.00134	U						
Cadmium	0.00500	0.000350	U						
Chromium	0.0100	0.00155	U						
Lead	0.0100	0.00290	U						
Nickel	0.0100	0.00179	U						
Selenium	0.0400	0.00417	U						
Silver	0.0100	0.00125	U						
Zinc	0.0100	0.00217	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-69825/5 01/11/2012 07:36		CCB 600-69825/10 01/11/2012 07:56		CCB 600-69825/22 01/11/2012 08:43		CCB 600-69825/34 01/11/2012 09:30	
		Found	C	Found	C	Found	C	Found	C
Antimony	0.0500	0.00630	U	0.00630	U	0.00630	U	0.00630	U
Arsenic	0.0200	0.00328	U	0.00328	U	0.00328	U	0.00328	U
Barium	0.0200	0.00160	U	0.00160	U	0.00160	U	0.00160	U
Beryllium	0.00500	0.0004700	J	0.000360	U	0.000360	U	0.000360	U
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Chromium	0.0100	0.00155	U	0.00155	U	0.00155	U	0.00155	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U
Nickel	0.0100	0.00165	U	0.00165	U	0.00165	U	0.00165	U
Selenium	0.0400	0.00417	U	0.00417	U	0.00417	U	0.00417	U
Silver	0.0100	0.00125	U	0.00125	U	0.00125	U	0.00125	U
Zinc	0.0100	0.00217	U	0.00217	U	0.00217	U	0.00217	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-69825/46 01/11/2012 10:16							
		Found	C	Found	C	Found	C	Found	C
Antimony	0.0500	0.00630	U						
Arsenic	0.0200	0.00328	U						
Barium	0.0200	0.00160	U						
Beryllium	0.00500	0.000360	U						
Cadmium	0.00500	0.000730	U						
Chromium	0.0100	0.00155	U						
Lead	0.0100	0.00290	U						
Nickel	0.0100	0.00165	U						
Selenium	0.0400	0.00417	U						
Silver	0.0100	0.00125	U						
Zinc	0.0100	0.00217	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-69757/1-A

Instrument Code: TJA1 Batch No.: 69825

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7440-41-7	Beryllium	0.0145	U		6010B
7440-39-3	Barium	0.03200	J		6010B
7439-92-1	Lead	0.105	U		6010B
7440-36-0	Antimony	0.232	U		6010B
7440-02-0	Nickel	0.117	U		6010B
7440-22-4	Silver	0.119	U		6010B
7440-38-2	Arsenic	0.218	U		6010B
7440-66-6	Zinc	0.2015	J		6010B
7782-49-2	Selenium	0.259	U		6010B
7440-47-3	Chromium	0.0506	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-69725/1-A

Instrument Code: Thermo6500 Batch No.: 69997

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7440-41-7	Beryllium	0.00134	U		6010B
7440-39-3	Barium	0.00220	U		6010B
7439-92-1	Lead	0.00290	U		6010B
7440-36-0	Antimony	0.00630	U		6010B
7440-02-0	Nickel	0.00179	U		6010B
7440-22-4	Silver	0.00125	U		6010B
7440-38-2	Arsenic	0.00328	U		6010B
7440-66-6	Zinc	0.002400	J		6010B
7782-49-2	Selenium	0.00417	U		6010B
7440-47-3	Chromium	0.00155	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-69725/1-A

Instrument Code: Thermo6500 Batch No.: 70097

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7440-41-7	Beryllium	0.00134	U		6010B
7440-39-3	Barium	0.00220	U		6010B
7439-92-1	Lead	0.00290	U		6010B
7440-36-0	Antimony	0.00630	U		6010B
7440-02-0	Nickel	0.00179	U		6010B
7440-22-4	Silver	0.00125	U		6010B
7440-38-2	Arsenic	0.00328	U		6010B
7440-66-6	Zinc	0.003000	J		6010B
7782-49-2	Selenium	0.00417	U		6010B
7440-47-3	Chromium	0.00155	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSA 600-69997/12 Instrument ID: Thermo6500

Lab File ID: A011312.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**-0.0093**	
Arsenic		**0.0013**	
Barium		**0.0004**	
Beryllium		**0.0001**	
Cadmium		**0.0000**	
Chromium		**0.0020**	
Lead		**-0.0197**	
Nickel		**0.0046**	
Selenium		**0.0015**	
Silver		**0.0005**	
Zinc		**0.0044**	
Aluminum	*500*	*533*	*107*
Boron		*0.0026*	
Calcium	*500*	*509*	*102*
Cobalt		*0.0003*	
Copper		*0.0026*	
Iron	*200*	*199*	*99*
Lithium		*0.0079*	
Magnesium	*500*	*581*	*116*
Manganese		*-0.0054*	
Molybdenum		*-0.0003*	
Potassium		*0.0229*	
Silicon		*0.0123*	
Sodium		*0.0124*	
Strontium		*0.0024*	
Thallium		*-0.0060*	
Tin		*0.0021*	
Titanium		*0.0026*	
Vanadium		*-0.0061*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSAB 600-69997/13 Instrument ID: Thermo6500

Lab File ID: A011312.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Antimony	**1.00**	**0.982**	**98**
Arsenic	**1.00**	**1.02**	**102**
Barium	**1.00**	**1.10**	**110**
Beryllium	**0.500**	**0.528**	**106**
Cadmium	**0.500**	**0.518**	**104**
Chromium	**1.00**	**0.902**	**90**
Lead	**1.00**	**0.943**	**94**
Nickel	**1.00**	**0.985**	**98**
Selenium	**1.00**	**1.01**	**101**
Silver	**0.500**	**0.532**	**106**
Zinc	**1.00**	**1.000**	**100**
Aluminum	*510*	*529*	*104*
Boron	*1.00*	*1.10*	*110*
Calcium	*510*	*509*	*100*
Cobalt	*1.00*	*0.996*	*100*
Copper	*1.00*	*1.02*	*102*
Iron	*210*	*204*	*97*
Lithium	*1.00*	*1.09*	*109*
Magnesium	*510*	*595*	*117*
Manganese	*1.00*	*0.891*	*89*
Molybdenum	*1.00*	*0.934*	*93*
Potassium	*10.0*	*11.3*	*113*
Silicon	*1.00*	*0.964*	*96*
Sodium	*10.0*	*10.9*	*109*
Strontium	*0.500*	*0.543*	*109*
Thallium	*1.00*	*0.929*	*93*
Tin	*1.00*	*0.987*	*99*
Titanium	*1.00*	*0.932*	*93*
Vanadium	*1.00*	*0.907*	*91*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSA 600-69997/61 Instrument ID: Thermo6500

Lab File ID: A011312.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**-0.0110**	
Arsenic		**0.0040**	
Barium		**0.0004**	
Beryllium		**0.0001**	
Cadmium		**-0.0004**	
Chromium		**0.0021**	
Lead		**-0.0264**	
Nickel		**0.0044**	
Selenium		**0.0020**	
Silver		**0.0001**	
Zinc		**0.0044**	
Aluminum	*500*	*552*	*110*
Boron		*-0.0015*	
Calcium	*500*	*515*	*103*
Cobalt		*0.0003*	
Copper		*0.0040*	
Iron	*200*	*195*	*97*
Lithium		*0.0094*	
Magnesium	*500*	*557*	*111*
Manganese		*-0.0053*	
Molybdenum		*0.0001*	
Potassium		*-0.0030*	
Silicon		*0.0145*	
Sodium		*0.0617*	
Strontium		*0.0026*	
Thallium		*-0.0001*	
Tin		*0.0025*	
Titanium		*0.0019*	
Vanadium		*-0.0071*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSAB 600-69997/62 Instrument ID: Thermo6500

Lab File ID: A011312.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Antimony	**1.00**	**1.09**	**109**
Arsenic	**1.00**	**1.11**	**111**
Barium	**1.00**	**1.18**	**118**
Beryllium	**0.500**	**0.528**	**106**
Cadmium	**0.500**	**0.532**	**106**
Chromium	**1.00**	**0.812**	**81**
Lead	**1.00**	**0.916**	**92**
Nickel	**1.00**	**0.982**	**98**
Selenium	**1.00**	**1.15**	**115**
Silver	**0.500**	**0.508**	**102**
Zinc	**1.00**	**0.921**	**92**
Aluminum	*510*	*569*	*112*
Boron	*1.00*	*1.09*	*109*
Calcium	*510*	*524*	*103*
Cobalt	*1.00*	*0.915*	*91*
Copper	*1.00*	*0.976*	*98*
Iron	*210*	*204*	*97*
Lithium	*1.00*	*1.31*	*131*
Magnesium	*510*	*563*	*110*
Manganese	*1.00*	*0.831*	*83*
Molybdenum	*1.00*	*1.05*	*105*
Potassium	*10.0*	*12.1*	*121*
Silicon	*1.00*	*1.13*	*113*
Sodium	*10.0*	*12.7*	*127*
Strontium	*0.500*	*0.601*	*120*
Thallium	*1.00*	*0.959*	*96*
Tin	*1.00*	*0.857*	*86*
Titanium	*1.00*	*0.760*	*76*
Vanadium	*1.00*	*0.758*	*76*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSA 600-70097/12 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**-0.0067**	
Arsenic		**-0.0002**	
Barium		**0.0008**	
Beryllium		**0.0002**	
Cadmium		**-0.0001**	
Chromium		**0.0015**	
Lead		**-0.0090**	
Nickel		**0.0047**	
Selenium		**0.0019**	
Silver		**0.0001**	
Zinc		**0.0041**	
Aluminum	*500*	*514*	*103*
Boron		*-0.0048*	
Calcium	*500*	*492*	*98*
Cobalt		*0.0004*	
Copper		*0.0032*	
Iron	*200*	*193*	*97*
Lithium		*0.0089*	
Magnesium	*500*	*569*	*114*
Manganese		*-0.0052*	
Molybdenum		*-0.0003*	
Potassium		*0.0158*	
Silicon		*-0.0005*	
Sodium		*0.0160*	
Strontium		*0.0021*	
Thallium		*-0.0005*	
Tin		*0.0021*	
Titanium		*0.0017*	
Vanadium		*-0.0068*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSAB 600-70097/13 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Antimony	**1.00**	**0.931**	**93**
Arsenic	**1.00**	**0.964**	**96**
Barium	**1.00**	**1.12**	**112**
Beryllium	**0.500**	**0.527**	**105**
Cadmium	**0.500**	**0.494**	**99**
Chromium	**1.00**	**0.923**	**92**
Lead	**1.00**	**0.911**	**91**
Nickel	**1.00**	**0.953**	**95**
Selenium	**1.00**	**0.968**	**97**
Silver	**0.500**	**0.549**	**110**
Zinc	**1.00**	**0.971**	**97**
Aluminum	*510*	*545*	*107*
Boron	*1.00*	*1.09*	*109*
Calcium	*510*	*527*	*103*
Cobalt	*1.00*	*0.957*	*96*
Copper	*1.00*	*1.05*	*105*
Iron	*210*	*212*	*101*
Lithium	*1.00*	*1.12*	*112*
Magnesium	*510*	*599*	*117*
Manganese	*1.00*	*0.920*	*92*
Molybdenum	*1.00*	*0.890*	*89*
Potassium	*10.0*	*11.6*	*116*
Silicon	*1.00*	*0.979*	*98*
Sodium	*10.0*	*11.3*	*113*
Strontium	*0.500*	*0.552*	*110*
Thallium	*1.00*	*0.898*	*90*
Tin	*1.00*	*0.960*	*96*
Titanium	*1.00*	*0.957*	*96*
Vanadium	*1.00*	*0.936*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSA 600-70097/97 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**-0.0067**	
Arsenic		**0.0000**	
Barium		**0.0007**	
Beryllium		**0.0000**	
Cadmium		**-0.0001**	
Chromium		**0.0018**	
Lead		**-0.0158**	
Nickel		**0.0050**	
Selenium		**0.0040**	
Silver		**-0.0001**	
Zinc		**0.0043**	
Aluminum	*500*	*559*	*112*
Boron		*0.0083*	
Calcium	*500*	*519*	*104*
Cobalt		*0.0004*	
Copper		*0.0034*	
Iron	*200*	*189*	*95*
Lithium		*0.0097*	
Magnesium	*500*	*544*	*109*
Manganese		*-0.0050*	
Molybdenum		*-0.0004*	
Potassium		*0.0388*	
Silicon		*0.0087*	
Sodium		*0.0564*	
Strontium		*0.0021*	
Thallium		*-0.0050*	
Tin		*0.0016*	
Titanium		*0.0020*	
Vanadium		*-0.0072*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSAB 600-70097/98 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Antimony	**1.00**	**0.969**	**97**
Arsenic	**1.00**	**0.992**	**99**
Barium	**1.00**	**1.15**	**115**
Beryllium	**0.500**	**0.508**	**102**
Cadmium	**0.500**	**0.499**	**100**
Chromium	**1.00**	**0.892**	**89**
Lead	**1.00**	**0.930**	**93**
Nickel	**1.00**	**0.971**	**97**
Selenium	**1.00**	**0.999**	**100**
Silver	**0.500**	**0.539**	**108**
Zinc	**1.00**	**0.965**	**96**
Aluminum	*510*	*583*	*114*
Boron	*1.00*	*1.02*	*102*
Calcium	*510*	*537*	*105*
Cobalt	*1.00*	*0.964*	*96*
Copper	*1.00*	*1.03*	*103*
Iron	*210*	*201*	*96*
Lithium	*1.00*	*1.26*	*126*
Magnesium	*510*	*548*	*107*
Manganese	*1.00*	*0.887*	*89*
Molybdenum	*1.00*	*0.917*	*92*
Potassium	*10.0*	*13.0*	*130*
Silicon	*1.00*	*0.940*	*94*
Sodium	*10.0*	*12.6*	*126*
Strontium	*0.500*	*0.567*	*113*
Thallium	*1.00*	*0.932*	*93*
Tin	*1.00*	*0.987*	*99*
Titanium	*1.00*	*0.939*	*94*
Vanadium	*1.00*	*0.872*	*87*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSA 600-69825/7 Instrument ID: TJA1

Lab File ID: A011112 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**-0.0006**	
Arsenic		**-0.0007**	
Barium		**0.0018**	
Beryllium		**-0.0001**	
Cadmium		**0.0039**	
Chromium		**0.0013**	
Lead		**0.0083**	
Nickel		**0.0013**	
Selenium		**-0.0127**	
Silver		**-0.0001**	
Zinc		**0.0018**	
Aluminum	*500*	*491*	*98*
Boron		*-0.0014*	
Calcium	*500*	*437*	*87*
Cobalt		*0.0001*	
Copper		*0.0129*	
Iron	*200*	*186*	*93*
Lithium		*0.0043*	
Magnesium	*500*	*496*	*99*
Manganese		*-0.0075*	
Molybdenum		*0.0000*	
Potassium		*-0.0346*	
Silicon		*0.0146*	
Sodium		*0.154*	
Strontium		*-0.0085*	
Thallium		*-0.0069*	
Tin		*0.0002*	
Titanium		*-0.0024*	
Vanadium		*0.0036*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSAB 600-69825/8 Instrument ID: TJA1

Lab File ID: A011112 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Antimony	**1.00**	**1.01**	**101**
Arsenic	**1.00**	**1.00**	**100**
Barium	**1.00**	**1.02**	**102**
Beryllium	**0.500**	**0.476**	**95**
Cadmium	**0.500**	**0.465**	**93**
Chromium	**1.00**	**0.937**	**94**
Lead	**1.00**	**0.944**	**94**
Nickel	**1.00**	**0.898**	**90**
Selenium	**1.00**	**0.975**	**98**
Silver	**0.500**	**0.525**	**105**
Zinc	**1.00**	**0.981**	**98**
Aluminum	*510*	*505*	*99*
Boron	*1.00*	*1.02*	*102*
Calcium	*510*	*448*	*88*
Cobalt	*1.00*	*0.914*	*91*
Copper	*1.00*	*1.09*	*109*
Iron	*210*	*196*	*93*
Lithium	*1.00*	*1.25*	*125*
Magnesium	*510*	*509*	*100*
Manganese	*1.00*	*0.932*	*93*
Molybdenum	*1.00*	*0.959*	*96*
Potassium	*10.0*	*14.0*	*140*
Silicon	*1.00*	*0.948*	*95*
Sodium	*10.0*	*13.9*	*139*
Strontium	*0.500*	*0.493*	*99*
Thallium	*1.00*	*0.939*	*94*
Tin	*1.00*	*0.968*	*97*
Titanium	*1.00*	*0.973*	*97*
Vanadium	*1.00*	*0.964*	*96*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSA 600-69825/78 Instrument ID: TJA1

Lab File ID: A011112 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**-0.0002**	
Arsenic		**-0.0015**	
Barium		**0.0018**	
Beryllium		**-0.0010**	
Cadmium		**0.0038**	
Chromium		**0.0015**	
Lead		**0.0088**	
Nickel		**0.0016**	
Selenium		**-0.0155**	
Silver		**0.0000**	
Zinc		**0.0010**	
Aluminum	*500*	*474*	*95*
Boron		*-0.0012*	
Calcium	*500*	*420*	*84*
Cobalt		*0.0002*	
Copper		*0.0110*	
Iron	*200*	*180*	*90*
Lithium		*0.0040*	
Magnesium	*500*	*461*	*92*
Manganese		*-0.0067*	
Molybdenum		*0.0004*	
Potassium		*-0.157*	
Silicon		*0.0058*	
Sodium		*0.156*	
Strontium		*-0.0081*	
Thallium		*0.0056*	
Tin		*0.0011*	
Titanium		*-0.0022*	
Vanadium		*0.0043*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Lab Sample ID: ICSAB 600-69825/79 Instrument ID: TJA1

Lab File ID: A011112 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony	**1.00**	**0.991**	**99**
Arsenic	**1.00**	**0.980**	**98**
Barium	**1.00**	**1.02**	**102**
Beryllium	**0.500**	**0.429**	**86**
Cadmium	**0.500**	**0.450**	**90**
Chromium	**1.00**	**0.858**	**86**
Lead	**1.00**	**0.886**	**89**
Nickel	**1.00**	**0.920**	**92**
Selenium	**1.00**	**0.938**	**94**
Silver	**0.500**	**0.503**	**101**
Zinc	**1.00**	**0.941**	**94**
Aluminum	*510*	*483*	*95*
Boron	*1.00*	*1.00*	*100*
Calcium	*510*	*423*	*83*
Cobalt	*1.00*	*0.825*	*82*
Copper	*1.00*	*1.03*	*103*
Iron	*210*	*188*	*89*
Lithium	*1.00*	*1.27*	*127*
Magnesium	*510*	*467*	*92*
Manganese	*1.00*	*0.870*	*87*
Molybdenum	*1.00*	*0.926*	*93*
Potassium	*10.0*	*14.3*	*143*
Silicon	*1.00*	*0.893*	*89*
Sodium	*10.0*	*14.1*	*141*
Strontium	*0.500*	*0.495*	*99*
Thallium	*1.00*	*0.958*	*96*
Tin	*1.00*	*0.886*	*89*
Titanium	*1.00*	*0.943*	*94*
Vanadium	*1.00*	*0.903*	*90*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012 CUFT-1(0-2') MS
Lab ID: 600-48440-5 MS
Lab Name: TestAmerica Houston
Job No.: 600-48440-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 77.4

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	26.03		0.344		31.3	82	75-125		6010B
Beryllium	27.15		0.764		31.3	84	75-125		6010B
Barium	99.06		50.8		62.7	77	75-125		6010B
Lead	67.68		12.8		62.7	88	75-125		6010B
Antimony	18.56		0.293	U	62.7	30	75-125	N	6010B
Nickel	62.72		12.4		62.7	80	75-125		6010B
Silver	27.42		0.150	U	31.3	87	75-125		6010B
Arsenic	59.12		7.18		62.7	83	75-125		6010B
Zinc	99.36		54.5		62.7	72	75-125	N	6010B
Selenium	49.20		0.328	U	62.7	78	75-125		6010B
Chromium	62.67		8.22		62.7	87	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 3 MS Lab ID: 600-48440-8 MS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5043		0.000350	U	0.500	101	75-125		6010B
Cadmium	0.4746		0.000350	U	0.500	95	75-125		6010B
Beryllium	0.4879		0.00134	U	0.500	98	75-125		6010B
Beryllium	0.5127		0.00134	U	0.500	103	75-125		6010B
Barium	1.043		0.00490	J	1.00	104	75-125		6010B
Barium	1.002		0.00540	J	1.00	100	75-125		6010B
Lead	0.9794		0.0113		1.00	97	75-125		6010B
Lead	0.9951		0.0121		1.00	98	75-125		6010B
Antimony	1.020		0.00630	U	1.00	102	75-125		6010B
Antimony	0.9625		0.00630	U	1.00	96	75-125		6010B
Nickel	0.9699		0.00179	U	1.00	97	75-125		6010B
Nickel	0.9922		0.00179	U	1.00	99	75-125		6010B
Silver	0.4935		0.00125	U	0.500	99	75-125		6010B
Silver	0.4881		0.00125	U	0.500	98	75-125		6010B
Arsenic	1.033		0.00328	U	1.00	103	75-125		6010B
Arsenic	0.9701		0.00328	U	1.00	97	75-125		6010B
Zinc	0.9299		0.00440	J	1.00	93	75-125		6010B
Zinc	0.9559		0.00480	J	1.00	95	75-125		6010B
Selenium	0.9976		0.00417	U	1.00	100	75-125		6010B
Selenium	1.067		0.00417	U	1.00	107	75-125		6010B
Chromium	0.9347		0.00155	U	1.00	93	75-125		6010B
Chromium	0.9477		0.00155	U	1.00	95	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012 CUFT-1(0-2') MSD
Lab ID: 600-48440-5 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48440-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 77.4

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	27.11		31.6	85	75-125	4	20		6010B
Beryllium	28.28		31.6	87	75-125	4	20		6010B
Barium	83.37		63.3	51	75-125	17	20	N	6010B
Lead	68.39		63.3	88	75-125	1	20		6010B
Antimony	18.04		63.3	29	75-125	3	20	N	6010B
Nickel	62.83		63.3	80	75-125	0	20		6010B
Silver	28.13		31.6	89	75-125	3	20		6010B
Arsenic	62.18		63.3	87	75-125	5	20		6010B
Zinc	110.8		63.3	89	75-125	11	20		6010B
Selenium	50.44		63.3	80	75-125	3	20		6010B
Chromium	64.81		63.3	89	75-125	3	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 3 MSD
Lab ID: 600-48440-8 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48440-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.5140		0.500	103	75-125	2	20		6010B
Cadmium	0.4896		0.500	98	75-125	3	20		6010B
Beryllium	0.5035		0.500	101	75-125	3	20		6010B
Beryllium	0.5140		0.500	103	75-125	0	20		6010B
Barium	1.042		1.00	104	75-125	0	20		6010B
Barium	1.029		1.00	102	75-125	3	20		6010B
Lead	1.007		1.00	100	75-125	3	20		6010B
Lead	1.017		1.00	100	75-125	2	20		6010B
Antimony	1.052		1.00	105	75-125	3	20		6010B
Antimony	1.006		1.00	101	75-125	4	20		6010B
Nickel	1.003		1.00	100	75-125	3	20		6010B
Nickel	1.012		1.00	101	75-125	2	20		6010B
Silver	0.4947		0.500	99	75-125	1	20		6010B
Silver	0.4979		0.500	100	75-125	1	20		6010B
Arsenic	1.062		1.00	106	75-125	3	20		6010B
Arsenic	0.9986		1.00	100	75-125	3	20		6010B
Zinc	0.9603		1.00	96	75-125	3	20		6010B
Zinc	0.9752		1.00	97	75-125	2	20		6010B
Selenium	1.098		1.00	110	75-125	3	20		6010B
Selenium	1.029		1.00	103	75-125	3	20		6010B
Chromium	0.9597		1.00	96	75-125	1	20		6010B
Chromium	0.9463		1.00	95	75-125	1	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 3 PDS Lab ID: 600-48440-8 PDS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Water Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.4585		0.000350	U	0.500	92	75-125		6010B
Cadmium	0.4926		0.000350	U	0.500	99	75-125		6010B
Beryllium	0.4670		0.00134	U	0.500	93	75-125		6010B
Beryllium	0.4721		0.00134	U	0.500	94	75-125		6010B
Barium	0.9830		0.00540	J	1.00	98	75-125		6010B
Barium	0.9835		0.00490	J	1.00	98	75-125		6010B
Lead	0.9568		0.0121		1.00	94	75-125		6010B
Lead	0.9360		0.0113		1.00	92	75-125		6010B
Antimony	0.9421		0.00630	U	1.00	94	75-125		6010B
Antimony	1.040		0.00630	U	1.00	104	75-125		6010B
Nickel	0.9632		0.00179	U	1.00	96	75-125		6010B
Nickel	0.9244		0.00179	U	1.00	92	75-125		6010B
Silver	0.4635		0.00125	U	0.500	93	75-125		6010B
Silver	0.4661		0.00125	U	0.500	93	75-125		6010B
Arsenic	1.036		0.00328	U	1.00	104	75-125		6010B
Arsenic	0.9220		0.00328	U	1.00	92	75-125		6010B
Zinc	0.9013		0.00480	J	1.00	90	75-125		6010B
Zinc	0.8953		0.00440	J	1.00	89	75-125		6010B
Selenium	0.9396		0.00417	U	1.00	94	75-125		6010B
Selenium	1.061		0.00417	U	1.00	106	75-125		6010B
Chromium	0.9123		0.00155	U	1.00	91	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 2012 CUFT-1(0-2') DU
Lab ID: 600-48440-5 DU
Lab Name: TestAmerica Houston
Job No.: 600-48440-1
SDG No.:
% Solids for Sample: 77.4
% Solids for Duplicate: 77.4
Matrix: Solid
Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.310	0.344		0.2750	J	22		6010B
Beryllium	0.310	0.764		0.5457		33		6010B
Barium	1.24	50.8		24.43		70	F	6010B
Lead	0.621	12.8		13.43		5		6010B
Antimony	3.10	0.293	U	0.287	U	NC		6010B
Nickel	1.24	12.4		6.585		61	F	6010B
Silver	0.621	0.150	U	0.148	U	NC		6010B
Arsenic	1.24	7.18		4.741		41	F	6010B
Zinc	1.86	54.5		41.68		27	F	6010B
Selenium	2.48	0.328	U	0.321	U	NC		6010B
Chromium	0.621	8.22		5.914		33	F	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Equipment Blank 3 DU | Lab ID: 600-48440-8 DU

Lab Name: TestAmerica Houston | Job No.: 600-48440-1

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.00500	0.000350	U	0.000350	U	NC		6010B
Cadmium	0.00500	0.000350	U	0.000350	U	NC		6010B
Beryllium	0.00500	0.00134	U	0.00134	U	NC		6010B
Beryllium	0.00500	0.00134	U	0.00134	U	NC		6010B
Barium	0.0200	0.00540	J	0.002700	J	67		6010B
Barium	0.0200	0.00490	J	0.003000	J	48		6010B
Lead	0.0100	0.0113		0.01050		7		6010B
Lead	0.0100	0.0121		0.01000		19		6010B
Antimony	0.0500	0.00630	U	0.00630	U	NC		6010B
Antimony	0.0500	0.00630	U	0.00630	U	NC		6010B
Nickel	0.0100	0.00179	U	0.00179	U	NC		6010B
Nickel	0.0100	0.00179	U	0.00179	U	NC		6010B
Silver	0.0100	0.00125	U	0.00125	U	NC		6010B
Silver	0.0100	0.00125	U	0.00125	U	NC		6010B
Arsenic	0.0100	0.00328	U	0.00328	U	NC		6010B
Arsenic	0.0100	0.00328	U	0.00328	U	NC		6010B
Zinc	0.0100	0.00440	J	0.003900	J	12		6010B
Zinc	0.0100	0.00480	J	0.004200	J	13		6010B
Selenium	0.0400	0.00417	U	0.00417	U	NC		6010B
Selenium	0.0400	0.00417	U	0.00417	U	NC		6010B
Chromium	0.0100	0.00155	U	0.00155	U	NC		6010B
Chromium	0.0100	0.00155	U	0.00155	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69757/2-A

Lab Name: TestAmerica Houston Job No.: 600-48440-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	65.61		92	81	119		6010B
Beryllium	157	139.6		89	83	117		6010B
Barium	269	231.7		86	80	120		6010B
Lead	144	119.6		83	79	121		6010B
Antimony	117	80.38		69	50	150		6010B
Nickel	130	121.8		94	81	119		6010B
Silver	45.1	40.52		90	66	134		6010B
Arsenic	138	124.1		90	78	122		6010B
Zinc	223	206.8		93	79	121		6010B
Selenium	200	184.5		92	80	120		6010B
Chromium	105	93.70		89	81	119		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69725/2-A

Lab Name: TestAmerica Houston Job No.: 600-48440-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.5074		101	80	120		6010B
Beryllium	0.500	0.5128		103	80	120		6010B
Barium	1.00	1.032		103	80	120		6010B
Lead	1.00	1.000		100	80	120		6010B
Antimony	1.00	1.024		102	80	120		6010B
Nickel	1.00	1.004		100	80	120		6010B
Silver	0.500	0.4924		98	80	120		6010B
Arsenic	1.00	1.045		105	80	120		6010B
Zinc	1.00	0.9734		97	80	120		6010B
Selenium	1.00	1.068		107	80	120		6010B
Chromium	1.00	0.9519		95	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69725/2-A

Lab Name: TestAmerica Houston Job No.: 600-48440-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.4779		96	80	120		6010B
Beryllium	0.500	0.5024		100	80	120		6010B
Barium	1.00	1.036		104	80	120		6010B
Lead	1.00	0.9794		98	80	120		6010B
Antimony	1.00	0.9723		97	80	120		6010B
Nickel	1.00	0.9813		98	80	120		6010B
Silver	0.500	0.5001		100	80	120		6010B
Arsenic	1.00	0.9788		98	80	120		6010B
Zinc	1.00	0.9438		94	80	120		6010B
Selenium	1.00	1.006		101	80	120		6010B
Chromium	1.00	0.9604		96	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-48440-8

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48440-1

Matrix: Water Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	0.000350	U	0.01750	J	NC		6010B
Cadmium	0.000350	U	0.03750		NC		6010B
Beryllium	0.00134	U	0.00670	U	NC		6010B
Beryllium	0.00134	U	0.00670	U	NC		6010B
Barium	0.00540	J	0.0110	U	NC		6010B
Barium	0.00490	J	0.0110	U	NC		6010B
Lead	0.0121		0.04250	J	NC		6010B
Lead	0.0113		0.08300		NC		6010B
Antimony	0.00630	U	0.1280	J	NC		6010B
Antimony	0.00630	U	0.08700	J	NC		6010B
Nickel	0.00179	U	0.03350	J	NC		6010B
Nickel	0.00179	U	0.08150		NC		6010B
Silver	0.00125	U	0.00625	U	NC		6010B
Silver	0.00125	U	0.00625	U	NC		6010B
Arsenic	0.00328	U	0.03100	J	NC		6010B
Arsenic	0.00328	U	0.06250		NC		6010B
Zinc	0.00480	J	0.04700	J	NC		6010B
Zinc	0.00440	J	0.09150		NC		6010B
Selenium	0.00417	U	0.06300	J	NC		6010B
Selenium	0.00417	U	0.03100	J	NC		6010B
Chromium	0.00155	U	0.00775	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Antimony		0.05	0.0063
Arsenic		0.01	0.00328
Barium		0.02	0.0022
Beryllium		0.005	0.00134
Cadmium		0.005	0.00035
Chromium		0.01	0.00155
Lead		0.01	0.0029
Nickel		0.01	0.00179
Selenium		0.04	0.00417
Silver		0.01	0.00125
Zinc		0.01	0.00217

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Antimony		0.05	0.0063
Arsenic		0.02	0.00328
Barium		0.02	0.0016
Beryllium		0.005	0.00036
Cadmium		0.005	0.00073
Chromium		0.01	0.00155
Lead		0.01	0.0029
Nickel		0.01	0.00165
Selenium		0.04	0.00417
Silver		0.01	0.00125
Zinc		0.01	0.00217

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-48440-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Silver		5	6010B
Arsenic		50	6010B
Barium		50	6010B
Beryllium		5	6010B
Cadmium		25	6010B
Chromium		50	6010B
Nickel		50	6010B
Lead		50	6010B
Antimony		25	6010B
Selenium		25	6010B
Zinc		10	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-69725/1-A	01/10/2012 08:35	69725		50	50
LCS 600-69725/2-A	01/10/2012 08:35	69725		50	50
600-48440-4	01/10/2012 08:35	69725		10	50
600-48440-8	01/10/2012 08:35	69725		50	50
600-48440-8 DU	01/10/2012 08:35	69725		50	50
600-48440-8 MS	01/10/2012 08:35	69725		50	50
600-48440-8 MSD	01/10/2012 08:35	69725		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-69757/1-A	01/10/2012 13:17	69757	1.00		50
LCS 600-69757/2-A	01/10/2012 13:17	69757	0.50		50
600-48440-1	01/10/2012 13:17	69757	1.00		50
600-48440-3	01/10/2012 13:17	69757	1.03		50
600-48440-5	01/10/2012 13:17	69757	1.02		50
600-48440-5 DU	01/10/2012 13:17	69757	1.04		50
600-48440-5 MS	01/10/2012 13:17	69757	1.03		50
600-48440-5 MSD	01/10/2012 13:17	69757	1.02		50
600-48440-6	01/10/2012 13:17	69757	1.03		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/13/2012 07:33 End Date: 01/13/2012 10:59

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Ni	Pb	Sb	Se	Zn									
RINSE 600-69997/1			07:33																				
RINSE 600-69997/2			07:36																				
ZZZZZZ			07:39																				
ZZZZZZ			07:41																				
CALIBSTD 600-69997/5 IC			07:44	X	X	X	X	X	X	X	X	X	X	X									
CALIBSTD 600-69997/6 IC			07:46	X	X	X	X	X	X	X	X	X	X	X									
CALIBSTD 600-69997/7 IC			07:49	X	X	X	X	X	X	X	X	X	X	X									
CALIBSTD 600-69997/8 IC			07:51	X	X	X	X	X	X	X	X	X	X	X									
ICV 600-69997/9	1		07:54	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			07:56																				
ICB 600-69997/11	1		07:59	X	X	X	X	X	X	X	X	X	X	X									
ICSA 600-69997/12	1		08:02	X	X	X	X	X	X	X	X	X	X	X									
ICSAB 600-69997/13	1		08:04	X	X	X	X	X	X	X	X	X	X	X									
CCV 600-69997/14			08:07																				
ZZZZZZ			08:09																				
CCB 600-69997/16			08:12																				
ZZZZZZ			08:14																				
ZZZZZZ			08:17																				
ZZZZZZ			08:20																				
ZZZZZZ			08:22																				
ZZZZZZ			08:25																				
ZZZZZZ			08:28																				
ZZZZZZ			08:30																				
ZZZZZZ			08:33																				
ZZZZZZ			08:36																				
CCV 600-69997/26	1		08:38	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			08:41																				
CCB 600-69997/28	1		08:44					X			X												
MB 600-69725/1-A	1	T	08:46	X	X	X	X	X	X	X	X	X	X	X									
LCS 600-69725/2-A	1	T	08:49	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			08:51																				
600-48440-4	1	T	08:54					X			X												
600-48440-8	1	T	08:57	X	X	X	X	X	X	X	X	X	X	X									
600-48440-8 DU	1	T	09:00	X	X	X	X	X	X	X	X	X	X	X									
600-48440-8 MS	1	T	09:02	X	X	X	X	X	X	X	X	X	X	X									
600-48440-8 MSD	1	T	09:05	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			09:07																				
ZZZZZZ			09:10																				
CCV 600-69997/39	1		09:13	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			09:15																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/13/2012 07:33 End Date: 01/13/2012 10:59

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Ni	Pb	Sb	Se	Zn									
CCB 600-69997/41	1		09:18	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			09:20																				
ZZZZZZ			09:23																				
ZZZZZZ			09:26																				
ZZZZZZ			09:28																				
ZZZZZZ			09:31																				
ZZZZZZ			09:34																				
ZZZZZZ			09:36																				
ZZZZZZ			09:39																				
ZZZZZZ			09:42																				
ZZZZZZ			09:45																				
CCV 600-69997/52	1		09:47	X	X	X	X	X		X	X	X	X	X									
ZZZZZZ			09:50																				
CCB 600-69997/54	1		09:52	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			09:55																				
600-48440-8 PDS	1	T	09:58	X	X	X	X	X		X	X	X	X	X									
600-48440-8 SD	5	T	10:00	X	X	X	X	X		X	X	X	X	X									
CCV 600-69997/58	1		10:03	X	X	X	X	X		X	X	X	X	X									
ZZZZZZ			10:05																				
CCB 600-69997/60	1		10:08	X	X	X	X	X	X	X	X	X	X	X									
ICSA 600-69997/61	1		10:46	X	X	X	X	X	X	X	X	X	X	X									
ICSAB 600-69997/62	1		10:49	X	X	X	X	X	X	X	X	X	X	X									
CCV 600-69997/63			10:51																				
CCB 600-69997/64			10:54																				
RINSE 600-69997/65			10:57																				
RINSE 600-69997/66			10:59																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 11:47 End Date: 01/14/2012 16:10

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Ni	Pb	Sb	Se	Zn									
RINSE 600-70097/1			11:47																				
RINSE 600-70097/2			11:50																				
ZZZZZZ			11:52																				
ZZZZZZ			11:55																				
CALIBSTD 600-70097/5 IC			11:58	X	X	X	X	X	X	X	X	X	X	X									
CALIBSTD 600-70097/6 IC			12:00	X	X	X	X	X	X	X	X	X	X	X									
CALIBSTD 600-70097/7 IC			12:03	X	X	X	X	X	X	X	X	X	X	X									
CALIBSTD 600-70097/8 IC			12:05	X	X	X	X	X	X	X	X	X	X	X									
ICV 600-70097/9	1		12:08	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			12:10																				
ICB 600-70097/11	1		12:13	X	X	X	X	X	X	X	X	X	X	X									
ICSA 600-70097/12	1		12:15	X	X	X	X	X	X	X	X	X	X	X									
ICSAB 600-70097/13	1		12:18	X	X	X	X	X	X	X	X	X	X	X									
CCV 600-70097/14			12:20																				
ZZZZZZ			12:23																				
CCB 600-70097/16			12:26																				
ZZZZZZ			12:28																				
ZZZZZZ			12:31																				
ZZZZZZ			12:33																				
ZZZZZZ			12:36																				
ZZZZZZ			12:39																				
ZZZZZZ			12:41																				
ZZZZZZ			12:44																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:52																				
CCV 600-70097/27			12:55																				
ZZZZZZ			12:57																				
CCB 600-70097/29			13:00																				
ZZZZZZ			13:03																				
ZZZZZZ			13:05																				
ZZZZZZ			13:08																				
ZZZZZZ			13:11																				
ZZZZZZ			13:13																				
ZZZZZZ			13:16																				
ZZZZZZ			13:18																				
ZZZZZZ			13:21																				
ZZZZZZ			13:24																				
ZZZZZZ			13:26																				
CCV 600-70097/40			13:29																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 11:47 End Date: 01/14/2012 16:10

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Ni	Pb	Sb	Se	Zn									
ZZZZZZ			13:31																				
CCB 600-70097/42			13:34																				
ZZZZZZ			13:37																				
ZZZZZZ			13:39																				
ZZZZZZ			13:42																				
CCV 600-70097/46	1		13:44	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			13:47																				
CCB 600-70097/48	1		13:50	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			13:52																				
ZZZZZZ			13:55																				
ZZZZZZ			13:57																				
ZZZZZZ			14:00																				
ZZZZZZ			14:03																				
ZZZZZZ			14:05																				
ZZZZZZ			14:08																				
ZZZZZZ			14:10																				
MB 600-69725/1-A	1	T	14:13	X	X	X	X	X	X	X	X	X	X	X									
LCS 600-69725/2-A	1	T	14:16	X	X	X	X	X	X	X	X	X	X	X									
CCV 600-70097/59	1		14:18	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			14:21																				
CCB 600-70097/61	1		14:23	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			14:26																				
600-48440-8 DU	1	T	14:29	X	X	X	X	X	X	X	X	X	X	X									
600-48440-8 MS	1	T	14:31	X	X	X	X	X	X	X	X	X	X	X									
600-48440-8 MSD	1	T	14:34	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			14:36																				
ZZZZZZ			14:39																				
ZZZZZZ			14:42																				
ZZZZZZ			14:44																				
ZZZZZZ			14:47																				
ZZZZZZ			14:50																				
CCV 600-70097/72	1		14:53	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			14:55																				
CCB 600-70097/74	1		14:58	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			15:00																				
ZZZZZZ			15:03																				
ZZZZZZ			15:06																				
600-48440-8 PDS	1	T	15:08	X	X	X	X	X	X	X	X	X	X	X									
600-48440-8 SD	5	T	15:11	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:19																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 11:47 End Date: 01/14/2012 16:10

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Ni	Pb	Sb	Se	Zn									
ZZZZZZ			15:21																				
ZZZZZZ			15:24																				
CCV 600-70097/85	1		15:26	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			15:29																				
CCB 600-70097/87	1		15:31	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			15:34																				
ZZZZZZ			15:37																				
ZZZZZZ			15:39																				
ZZZZZZ			15:42																				
ZZZZZZ			15:44																				
ZZZZZZ			15:47																				
CCV 600-70097/94			15:49																				
ZZZZZZ			15:52																				
CCB 600-70097/96			15:55																				
ICSA 600-70097/97	1		15:57	X	X	X	X	X	X	X	X	X	X	X									
ICSAB 600-70097/98	1		16:00	X	X	X	X	X	X	X	X	X	X	X									
CCV 600-70097/99			16:02																				
CCB 600-70097/100			16:05																				
RINSE 600-70097/101			16:08																				
RINSE 600-70097/102			16:10																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/11/2012 07:21 End Date: 01/11/2012 12:36

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Ni	Pb	Sb	Se	Zn									
ZZZZZZ			07:21																				
STD 600-69825/2 IC			07:25	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			07:29																				
ICV 600-69825/4	1		07:33	X	X	X	X	X	X	X	X	X	X	X									
ICB 600-69825/5	1		07:36	X	X	X	X	X	X	X	X	X	X	X									
CRI 600-69825/6	1		07:40	X	X	X	X	X	X	X	X	X	X	X									
ICSA 600-69825/7	1		07:44	X	X	X	X	X	X	X	X	X	X	X									
ICSAB 600-69825/8	1		07:48	X	X	X	X	X	X	X	X	X	X	X									
CCV 600-69825/9	1		07:52	X	X	X	X	X	X	X	X	X	X	X									
CCB 600-69825/10	1		07:56	X	X	X	X	X	X	X	X	X	X	X									
MB 600-69757/1-A	1	T	08:01	X	X	X	X	X	X	X	X	X	X	X									
LCS 600-69757/2-A	1	T	08:05	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			08:09																				
ZZZZZZ			08:13																				
ZZZZZZ			08:17																				
ZZZZZZ			08:20																				
ZZZZZZ			08:24																				
ZZZZZZ			08:28																				
ZZZZZZ			08:32																				
ZZZZZZ			08:36																				
CCV 600-69825/21	1		08:40	X	X	X	X	X	X	X	X	X	X	X									
CCB 600-69825/22	1		08:43	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			08:47																				
ZZZZZZ			08:51																				
ZZZZZZ			08:55																				
ZZZZZZ			08:59																				
ZZZZZZ			09:03																				
ZZZZZZ			09:07																				
ZZZZZZ			09:10																				
ZZZZZZ			09:14																				
ZZZZZZ			09:18																				
ZZZZZZ			09:22																				
CCV 600-69825/33	1		09:26	X	X	X	X	X	X	X	X	X	X	X									
CCB 600-69825/34	1		09:30	X	X	X	X	X	X	X	X	X	X	X									
600-48440-1	1	T	09:34					X			X												
600-48440-3	1	T	09:37					X			X												
600-48440-5	1	T	09:41	X	X	X	X	X	X	X	X	X	X	X									
600-48440-5 DU	1	T	09:45	X	X	X	X	X	X	X	X	X	X	X									
600-48440-5 MS	1	T	09:49	X	X	X	X	X	X	X	X	X	X	X									
600-48440-5 MSD	1	T	09:53	X	X	X	X	X	X	X	X	X	X	X									
600-48440-6	1	T	09:57	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			10:01																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/11/2012 07:21 End Date: 01/11/2012 12:36

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Ni	Pb	Sb	Se	Zn									
ZZZZZZ			10:05																				
ZZZZZZ			10:09																				
CCV 600-69825/45	1		10:13	X	X	X	X	X	X	X	X	X	X	X									
CCB 600-69825/46	1		10:16	X	X	X	X	X	X	X	X	X	X	X									
ZZZZZZ			10:22																				
ZZZZZZ			10:26																				
ZZZZZZ			10:30																				
ZZZZZZ			10:33																				
ZZZZZZ			10:37																				
ZZZZZZ			10:41																				
ZZZZZZ			10:45																				
ZZZZZZ			10:49																				
ZZZZZZ			10:53																				
ZZZZZZ			10:57																				
CCV 600-69825/57			11:00																				
CCB 600-69825/58			11:04																				
ZZZZZZ			11:08																				
ZZZZZZ			11:15																				
ZZZZZZ			11:19																				
ZZZZZZ			11:23																				
ZZZZZZ			11:27																				
ZZZZZZ			11:30																				
ZZZZZZ			11:34																				
ZZZZZZ			11:38																				
ZZZZZZ			11:42																				
ZZZZZZ			11:46																				
CCV 600-69825/69			11:50																				
CCB 600-69825/70			11:54																				
ZZZZZZ			11:57																				
ZZZZZZ			12:01																				
ZZZZZZ			12:05																				
ZZZZZZ			12:09																				
ZZZZZZ			12:13																				
ZZZZZZ			12:17																				
CRI 600-69825/77	1		12:21	X	X	X	X	X	X	X	X	X	X	X									
ICSA 600-69825/78	1		12:24	X	X	X	X	X	X	X	X	X	X	X									
ICSAB 600-69825/79	1		12:28	X	X	X	X	X	X	X	X	X	X	X									
CCV 600-69825/80			12:32																				
CCB 600-69825/81			12:36																				

Prep Types
T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:47:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0005	625.1	0.0002	-0.0004
Al3082	308.215	{1 In2306	ppm	0.0982	0.0679	69.15	0.1463	0.0502
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0002	161.8	0	-0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.0006	0.0028	489.9	0.0014	-0.0026
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0	9.543	-0.0004	-0.0003
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	107.1	-0.0002	0
Ca3158	315.887	{1 In2306	ppm	-0.0347	0.02	57.55	-0.0489	-0.0206
Ca3181	318.128	{1 In2306	ppm	-0.0192	0.0875	455.6	-0.0811	0.0427
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	24.92	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0.0001	16.54	0.0003	0.0003
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	23.82	-0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0011	0.0002	19.22	0.0012	0.0009
Fe2404	240.488	{1 In2306	ppm	0.0031	0.0116	370.9	0.0114	-0.0051
K_7664	766.490	{ 4 Y_3710	ppm	0.014	0.0068	48.45	0.0187	0.0092
K_7698	769.896	{ 4 Y_3710	ppm	0.1504	0.1412	93.89	0.0505	0.2502
Li6707	670.784	{ 5 Y_3710	ppm	-0.0008	0.0007	81.5	-0.0003	-0.0013
Mg2790	279.079	{1 Y_3710	ppm	-0.0557	0.0076	13.68	-0.0611	-0.0503
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0.0001	64.75	0.0001	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0.0022	0.0009	40.77	0.0029	0.0016
Mo2020	202.030	{4 Y_2243	ppm	0	0.0001	304.9	0.0001	0
Na5895	589.592	{ 5 Y_3710	ppm	-0.0081	0.0028	34.46	-0.01	-0.0061
Na8183	818.326	{ 4 Y_3710	ppm	-0.5763	0.0419	7.277	-0.6059	-0.5466
Ni2316	231.604	{4 In2306	ppm	-0.0002	0.0001	51.39	-0.0003	-0.0001
P_1782	178.284	{4 In2306	ppm	-0.002	0.0009	42.53	-0.0014	-0.0026
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0009	720.4	-0.0005	0.0008
S_1820	182.034	{4 Y_2243	ppm	3.64	0.3736	10.26	3.376	3.904
Sb2068	206.833	{4 Y_2243	ppm	0.0045	0.0003	7.178	0.0047	0.0042
Se1960	196.090	{4 Y_2243	ppm	-0.0012	0.0012	95	-0.0004	-0.002
Si2516	251.611	{1 Y_3710	ppm	-0.0113	0.0113	99.96	-0.0193	-0.0033
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	111	0.0002	0
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0.0001	39.78	-0.0004	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0003	95.88	0.0001	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0011	0.0002	20.95	0.0013	0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0018	0	0.6233	-0.0018	-0.0018
Zn2062	206.200	{4 In2306	ppm	0	0	36.02	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	53.324	1.8875	3.5397	54.659	51.99
In2306	230.606	{4 Cts/S	10601	100.48	0.94781	10530	10673
Y_2243	224.306	{4 Cts/S	13171	121.13	0.9197	13085	13256
Y_3600	360.073	{ 9 Cts/S	110040	932.64	0.84753	109380	110700
Y_3710	371.030	{ 9 Cts/S	7385.3	188.44	2.5515	7518.6	7252.1

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:50:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	11540	0	0
Al3082	308.215	{1 In2306	ppm	0.1037	0.067	64.61	0.151	0.0563
As1890	189.042	{4 Y_2243	ppm	0.0001	0.001	1800	-0.0007	0.0008
B_2496	249.678	{1 Y_3710	ppm	-0.0003	0.0099	3379	-0.0073	0.0067
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0002	371.1	0.0001	-0.0002
Be3130	313.042	{1 Y_3710	ppm	-0.0002	0.0001	46.29	-0.0001	-0.0002
Ca3158	315.887	{1 In2306	ppm	-0.0417	0.0281	67.23	-0.0616	-0.0219
Ca3181	318.128	{1 In2306	ppm	0.0996	0.1013	101.7	0.0279	0.1712
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	133.7	0.0002	0
Co2286	228.616	{4 In2306	ppm	0.0001	0	65.34	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0	4.177	-0.0002	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.001	0.0003	25.44	0.0012	0.0008
Fe2404	240.488	{1 In2306	ppm	0.0141	0.0357	253.2	-0.0111	0.0393
K_7664	766.490	{ 4 Y_3710	ppm	-0.0011	0.0187	1715	0.0122	-0.0143
K_7698	769.896	{ 4 Y_3710	ppm	0.1411	0.0981	69.53	0.2104	0.0717
Li6707	670.784	{ 5 Y_3710	ppm	-0.0006	0.0007	107.4	-0.0002	-0.0011
Mg2790	279.079	{1 Y_3710	ppm	-0.0165	0.0127	77.36	-0.0255	-0.0075
Mn2576	257.610	{1 Y_3600	ppm	0	0	8.231	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0014	0.0014	100.3	0.0024	0.0004
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0001	98.68	0	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	-0.0015	0.0009	58.23	-0.0009	-0.0022
Na8183	818.326	{ 4 Y_3710	ppm	-0.6435	0.0636	9.877	-0.6884	-0.5985
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0001	62.96	0.0001	0.0002
P_1782	178.284	{4 In2306	ppm	-0.0018	0.0006	34.03	-0.0022	-0.0013
Pb2203	220.353	{4 In2306	ppm	-0.0009	0.0005	58.89	-0.0005	-0.0013
S_1820	182.034	{4 Y_2243	ppm	4.843	0.9961	20.57	5.547	4.138
Sb2068	206.833	{4 Y_2243	ppm	0.0022	0.0001	2.648	0.0021	0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.001	204.7	-0.0012	0.0002
Si2516	251.611	{1 Y_3710	ppm	-0.0121	0.0045	37.65	-0.0088	-0.0153
Sn1899	189.989	{4 In2306	ppm	-0.0004	0.0003	68.51	-0.0006	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0004	0.0002	45.35	-0.0003	-0.0005
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0.0004	215.8	-0.0001	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0015	0	1.64	0.0015	0.0015
V_2924	292.402	{1 Y_3600	ppm	-0.0015	0	1.739	-0.0015	-0.0015
Zn2062	206.200	{4 In2306	ppm	-0.0001	0	17.22	-0.0001	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.626	1.0618	2.0176	51.875	53.377
In2306	230.606	{4 Cts/S	10660	174.94	1.6412	10536	10783
Y_2243	224.306	{4 Cts/S	13259	249.74	1.8836	13082	13435
Y_3600	360.073	{ 9 Cts/S	111130	97.936	0.08813	111200	111060
Y_3710	371.030	{ 9 Cts/S	7305.5	71.703	0.98149	7254.8	7356.2

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:52:47
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0	0	85.92	0	0.0001
Al3082	308.215	{1 In2306	Cts/S	0.1922	0.0055	2.884	0.1883	0.1961
As1890	189.042	{4 Y_2243	Cts/S	0	0	64.91	0.0001	0
B_2496	249.678	{1 Y_3710	Cts/S	0.0002	0.0001	75.5	0.0003	0.0001
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.0061	0	0.0945	0.0061	0.0061
Be3130	313.042	{1 Y_3710	Cts/S	-0.0001	0.0001	76.48	-0.0002	-0.0001
Ca3158	315.887	{1 In2306	Cts/S	-0.0861	0.0115	13.4	-0.0943	-0.0779
Ca3181	318.128	{1 In2306	Cts/S	-0.0327	0.0539	164.6	-0.0708	0.0054
Cd2288	228.802	{4 Y_2243	Cts/S	0.0004	0	4.752	0.0004	0.0004
Co2286	228.616	{4 In2306	Cts/S	-0.0002	0.0001	26.33	-0.0003	-0.0002
Cr2677	267.716	{1 Y_3600	Cts/S	0	0	55.84	0.0001	0
Cu3247	324.754	{1 Y_3600	Cts/S	0.0013	0	2.502	0.0013	0.0014
Fe2404	240.488	{1 In2306	Cts/S	0.0099	0.0293	296.4	-0.0108	0.0306
K_7664	766.490	{ 4 Y_3710	Cts/S	-0.0009	0.001	109.9	-0.0016	-0.0002
K_7698	769.896	{ 4 Y_3710	Cts/S	0.0267	0.0025	9.295	0.0284	0.0249
Li6707	670.784	{ 5 Y_3710	Cts/S	0.0025	0.0012	47.92	0.0034	0.0017
Mg2790	279.079	{1 Y_3710	Cts/S	0	0.0001	322.4	0	0.0001
Mn2576	257.610	{1 Y_3600	Cts/S	0.0001	0	28	0.0001	0
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0001	0.0001	93.57	0.0002	0
Mo2020	202.030	{4 Y_2243	Cts/S	0.0001	0	56.6	0.0001	0
Na5895	589.592	{ 5 Y_3710	Cts/S	0.0055	0.001	17.68	0.0062	0.0048
Na8183	818.326	{ 4 Y_3710	Cts/S	-0.0108	0.0012	11.45	-0.0099	-0.0117
Ni2316	231.604	{4 In2306	Cts/S	0.0002	0	2.49	0.0002	0.0002
P_1782	178.284	{4 In2306	Cts/S	0.0001	0	39.99	0.0002	0.0001
Pb2203	220.353	{4 In2306	Cts/S	-0.0002	0.0001	58.99	-0.0001	-0.0002
S_1820	182.034	{4 Y_2243	Cts/S	-0.0003	0	5.516	-0.0003	-0.0003
Sb2068	206.833	{4 Y_2243	Cts/S	-0.0001	0	53.17	0	-0.0001
Se1960	196.090	{4 Y_2243	Cts/S	0	0	281.4	0	0
Si2516	251.611	{1 Y_3710	Cts/S	0.0001	0.0001	108.4	0.0001	0
Sn1899	189.989	{4 In2306	Cts/S	0	0	34.45	0	0.0001
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.0005	0.0008	174.5	-0.0001	0.001
Ti3349	334.904	{1 Y_3600	Cts/S	0	0	377.5	0	0
Tl1908	190.856	{4 In2306	Cts/S	-0.0001	0	51.74	0	-0.0001
V_2924	292.402	{1 Y_3600	Cts/S	-0.0002	0	8.673	-0.0003	-0.0002
Zn2062	206.200	{4 In2306	Cts/S	0.0006	0.0001	15.25	0.0007	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.051	1.4412	2.7689	51.032	53.071
In2306	230.606	{4 Cts/S	10550	149.37	1.4159	10655	10444
Y_2243	224.306	{4 Cts/S	13138	192.39	1.4644	13274	13002
Y_3600	360.073	{ 9 Cts/S	109620	126.58	0.11547	109710	109530
Y_3710	371.030	{ 9 Cts/S	7265.3	156.37	2.1523	7154.7	7375.9

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:55:26
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0072	0.0001	1.166	0.0071	0.0072
Al3082	308.215	{1 In2306	Cts/S	0.9847	0.0262	2.662	1.003	0.9662
As1890	189.042	{4 Y_2243	Cts/S	0.0078	0	0.4939	0.0079	0.0078
B_2496	249.678	{1 Y_3710	Cts/S	0.0025	0	1.728	0.0025	0.0026
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.4479	0.0031	0.6829	0.4501	0.4457
Be3130	313.042	{1 Y_3710	Cts/S	0.1653	0.0005	0.2763	0.1656	0.1649
Ca3158	315.887	{1 In2306	Cts/S	2.818	0.0471	1.67	2.851	2.785
Ca3181	318.128	{1 In2306	Cts/S	0.613	0.0165	2.695	0.6013	0.6246
Cd2288	228.802	{4 Y_2243	Cts/S	0.0545	0.0002	0.359	0.0546	0.0543
Co2286	228.616	{4 In2306	Cts/S	0.0882	0.0004	0.4559	0.0884	0.0879
Cr2677	267.716	{1 Y_3600	Cts/S	0.0105	0.0002	1.578	0.0104	0.0106
Cu3247	324.754	{1 Y_3600	Cts/S	0.024	0.0001	0.2559	0.024	0.0241
Fe2404	240.488	{1 In2306	Cts/S	1.686	0.0496	2.939	1.721	1.651
K_7664	766.490	{ 4 Y_3710	Cts/S	0.1278	0.003	2.357	0.1299	0.1257
K_7698	769.896	{ 4 Y_3710	Cts/S	0.0799	0.0005	0.6189	0.0803	0.0796
Li6707	670.784	{ 5 Y_3710	Cts/S	0.4862	0.0096	1.975	0.493	0.4795
Mg2790	279.079	{1 Y_3710	Cts/S	0.0042	0.0001	3.097	0.0043	0.0041
Mn2576	257.610	{1 Y_3600	Cts/S	0.0766	0.0012	1.565	0.0757	0.0774
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0178	0.0003	1.728	0.0176	0.018
Mo2020	202.030	{4 Y_2243	Cts/S	0.0422	0.0002	0.5922	0.0423	0.042
Na5895	589.592	{ 5 Y_3710	Cts/S	0.392	0.0083	2.124	0.3978	0.3861
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0051	0.0046	91.66	0.0018	0.0083
Ni2316	231.604	{4 In2306	Cts/S	0.0524	0.0004	0.703	0.0527	0.0522
P_1782	178.284	{4 In2306	Cts/S	0.0069	0.0001	1.16	0.0069	0.0068
Pb2203	220.353	{4 In2306	Cts/S	0.0164	0.0001	0.8838	0.0165	0.0163
S_1820	182.034	{4 Y_2243	Cts/S	-0.0003	0	4.155	-0.0003	-0.0003
Sb2068	206.833	{4 Y_2243	Cts/S	0.0062	0.0001	1.446	0.0063	0.0061
Se1960	196.090	{4 Y_2243	Cts/S	0.0051	0	0.3695	0.0051	0.005
Si2516	251.611	{1 Y_3710	Cts/S	0.0009	0.0002	27.05	0.0007	0.001
Sn1899	189.989	{4 In2306	Cts/S	0.0236	0.0003	1.346	0.0239	0.0234
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.2774	0.0015	0.5413	0.2784	0.2763
Ti3349	334.904	{1 Y_3600	Cts/S	0.018	0.0002	1.253	0.0178	0.0181
Tl1908	190.856	{4 In2306	Cts/S	0.0081	0	0.0195	0.0081	0.0081
V_2924	292.402	{1 Y_3600	Cts/S	0.0143	0.0001	0.4255	0.0143	0.0144
Zn2062	206.200	{4 In2306	Cts/S	0.1129	0.0007	0.5796	0.1134	0.1124

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.906	1.7813	3.4317	50.646	53.165
In2306	230.606	{4 Cts/S	10403	9.2555	0.08897	10397	10410
Y_2243	224.306	{4 Cts/S	13155	6.9347	0.05271	13151	13160
Y_3600	360.073	{ 9 Cts/S	111730	764.89	0.6846	112270	111190
Y_3710	371.030	{ 9 Cts/S	7408.9	20.046	0.27056	7394.7	7423.1

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:58:00
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0146	0.0001	0.5678	0.0146	0.0147
Al3082	308.215	{1 In2306	Cts/S	1.806	0.0631	3.496	1.851	1.762
As1890	189.042	{4 Y_2243	Cts/S	0.016	0.0003	1.763	0.0158	0.0162
B_2496	249.678	{1 Y_3710	Cts/S	0.0051	0.0003	6.727	0.0054	0.0049
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.9313	0.0437	4.697	0.9622	0.9004
Be3130	313.042	{1 Y_3710	Cts/S	0.3496	0.0163	4.676	0.3611	0.338
Ca3158	315.887	{1 In2306	Cts/S	5.744	0.2431	4.233	5.916	5.572
Ca3181	318.128	{1 In2306	Cts/S	1.225	0.0608	4.967	1.268	1.182
Cd2288	228.802	{4 Y_2243	Cts/S	0.1085	0.0013	1.199	0.1076	0.1094
Co2286	228.616	{4 In2306	Cts/S	0.1779	0.0027	1.515	0.1759	0.1798
Cr2677	267.716	{1 Y_3600	Cts/S	0.021	0.0001	0.5228	0.0211	0.021
Cu3247	324.754	{1 Y_3600	Cts/S	0.0474	0.0003	0.6964	0.0471	0.0476
Fe2404	240.488	{1 In2306	Cts/S	3.409	0.1279	3.752	3.499	3.319
K_7664	766.490	{ 4 Y_3710	Cts/S	0.2691	0.0086	3.195	0.2751	0.263
K_7698	769.896	{ 4 Y_3710	Cts/S	0.1382	0.0036	2.628	0.1407	0.1356
Li6707	670.784	{ 5 Y_3710	Cts/S	1.02	0.0406	3.983	1.049	0.9916
Mg2790	279.079	{1 Y_3710	Cts/S	0.0089	0.0007	8.04	0.0094	0.0084
Mn2576	257.610	{1 Y_3600	Cts/S	0.1532	0.0001	0.0444	0.1531	0.1532
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0383	0.0019	4.962	0.0397	0.037
Mo2020	202.030	{4 Y_2243	Cts/S	0.0851	0.0008	0.9264	0.0846	0.0857
Na5895	589.592	{ 5 Y_3710	Cts/S	0.8144	0.0283	3.475	0.8345	0.7944
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0268	0.0018	6.763	0.0281	0.0255
Ni2316	231.604	{4 In2306	Cts/S	0.1057	0.0014	1.346	0.1047	0.1067
P_1782	178.284	{4 In2306	Cts/S	0.0138	0.0002	1.56	0.0137	0.014
Pb2203	220.353	{4 In2306	Cts/S	0.0334	0.0004	1.311	0.0331	0.0337
S_1820	182.034	{4 Y_2243	Cts/S	-0.0004	0	3.349	-0.0004	-0.0004
Sb2068	206.833	{4 Y_2243	Cts/S	0.0129	0.0001	0.7371	0.0128	0.013
Se1960	196.090	{4 Y_2243	Cts/S	0.0104	0.0001	0.7149	0.0103	0.0104
Si2516	251.611	{1 Y_3710	Cts/S	0.0026	0.0001	3.628	0.0027	0.0026
Sn1899	189.989	{4 In2306	Cts/S	0.0481	0.0006	1.151	0.0477	0.0485
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.584	0.0272	4.661	0.6033	0.5648
Ti3349	334.904	{1 Y_3600	Cts/S	0.0364	0	0.1278	0.0363	0.0364
Tl1908	190.856	{4 In2306	Cts/S	0.0165	0.0002	1.05	0.0164	0.0166
V_2924	292.402	{1 Y_3600	Cts/S	0.0293	0.0002	0.5521	0.0292	0.0294
Zn2062	206.200	{4 In2306	Cts/S	0.2265	0.0032	1.423	0.2242	0.2288

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.526	1.7233	3.2808	51.308	53.745
In2306	230.606	{4 Cts/S	10265	115.98	1.1298	10347	10183
Y_2243	224.306	{4 Cts/S	13085	126.72	0.96844	13175	12995
Y_3600	360.073	{ 9 Cts/S	110990	425.01	0.38291	111300	110690
Y_3710	371.030	{ 9 Cts/S	7130.3	271.46	3.8072	6938.4	7322.3

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:00:32
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0288	0.0007	2.564	0.0293	0.0282
Al3082	308.215	{1 In2306	Cts/S	3.349	0.0807	2.409	3.291	3.406
As1890	189.042	{4 Y_2243	Cts/S	0.032	0.0003	0.8055	0.0322	0.0319
B_2496	249.678	{1 Y_3710	Cts/S	0.0099	0.0001	0.6803	0.0099	0.0098
Ba4554	455.403	{ 7 Y_3710	Cts/S	1.797	0.0043	0.2378	1.8	1.794
Be3130	313.042	{1 Y_3710	Cts/S	0.6736	0.0017	0.2567	0.6724	0.6748
Ca3158	315.887	{1 In2306	Cts/S	11.13	0.3047	2.738	10.91	11.34
Ca3181	318.128	{1 In2306	Cts/S	2.37	0.081	3.419	2.312	2.427
Cd2288	228.802	{4 Y_2243	Cts/S	0.2169	0.0023	1.038	0.2185	0.2153
Co2286	228.616	{4 In2306	Cts/S	0.3574	0.0026	0.7285	0.3593	0.3556
Cr2677	267.716	{1 Y_3600	Cts/S	0.0422	0.0005	1.187	0.0425	0.0418
Cu3247	324.754	{1 Y_3600	Cts/S	0.0914	0.0025	2.682	0.0931	0.0896
Fe2404	240.488	{1 In2306	Cts/S	6.506	0.2066	3.175	6.36	6.652
K_7664	766.490	{ 4 Y_3710	Cts/S	0.5359	0.0008	0.1408	0.5354	0.5365
K_7698	769.896	{ 4 Y_3710	Cts/S	0.2459	0.001	0.4004	0.2453	0.2466
Li6707	670.784	{ 5 Y_3710	Cts/S	2.057	0.0078	0.3788	2.052	2.063
Mg2790	279.079	{1 Y_3710	Cts/S	0.0172	0	0.1356	0.0173	0.0172
Mn2576	257.610	{1 Y_3600	Cts/S	0.3001	0.0074	2.476	0.3054	0.2949
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.073	0.0013	1.814	0.0739	0.072
Mo2020	202.030	{4 Y_2243	Cts/S	0.1697	0.0024	1.391	0.1714	0.1681
Na5895	589.592	{ 5 Y_3710	Cts/S	1.612	0.004	0.247	1.609	1.615
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0655	0.0007	1.027	0.066	0.0651
Ni2316	231.604	{4 In2306	Cts/S	0.2122	0.0018	0.8268	0.2134	0.2109
P_1782	178.284	{4 In2306	Cts/S	0.0281	0.0002	0.8349	0.0282	0.0279
Pb2203	220.353	{4 In2306	Cts/S	0.0668	0.0004	0.6234	0.0671	0.0666
S_1820	182.034	{4 Y_2243	Cts/S	-0.0004	0	6.441	-0.0004	-0.0004
Sb2068	206.833	{4 Y_2243	Cts/S	0.026	0.0004	1.42	0.0262	0.0257
Se1960	196.090	{4 Y_2243	Cts/S	0.0208	0.0003	1.312	0.021	0.0206
Si2516	251.611	{1 Y_3710	Cts/S	0.0048	0.0002	5.062	0.0046	0.005
Sn1899	189.989	{4 In2306	Cts/S	0.0967	0.0007	0.6834	0.0971	0.0962
Sr4215	421.552	{ 8 Y_3710	Cts/S	1.133	0.0037	0.3272	1.136	1.131
Ti3349	334.904	{1 Y_3600	Cts/S	0.0718	0.0015	2.114	0.0729	0.0707
Tl1908	190.856	{4 In2306	Cts/S	0.0333	0.0004	1.249	0.0336	0.033
V_2924	292.402	{1 Y_3600	Cts/S	0.0578	0.0017	2.869	0.059	0.0566
Zn2062	206.200	{4 In2306	Cts/S	0.4576	0.0033	0.7163	0.4599	0.4553

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	53.509	1.7311	3.2352	54.733	52.285
In2306	230.606	{4 Cts/S	10121	65.46	0.64677	10075	10167
Y_2243	224.306	{4 Cts/S	13100	103.49	0.79002	13027	13173
Y_3600	360.073	{ 9 Cts/S	111090	1945.8	1.7515	109710	112470
Y_3710	371.030	{ 9 Cts/S	7290.7	6.5936	0.09044	7295.3	7286

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SampleName=CalibStd-4
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:03:00
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0594	0.0005	0.7964	0.0597	0.059
Al3082	308.215	{1 In2306	Cts/S	6.742	0.2529	3.751	6.563	6.921
As1890	189.042	{4 Y_2243	Cts/S	0.0646	0.0003	0.3974	0.0644	0.0647
B_2496	249.678	{1 Y_3710	Cts/S	0.0201	0.0001	0.2912	0.0201	0.0201
Ba4554	455.403	{ 7 Y_3710	Cts/S	3.721	0.0356	0.9575	3.696	3.746
Be3130	313.042	{1 Y_3710	Cts/S	1.388	0.003	0.2182	1.385	1.39
Ca3158	315.887	{1 In2306	Cts/S	23.31	1.174	5.034	22.48	24.14
Ca3181	318.128	{1 In2306	Cts/S	4.897	0.1533	3.129	4.789	5.006
Cd2288	228.802	{4 Y_2243	Cts/S	0.4305	0.0009	0.2185	0.4298	0.4312
Co2286	228.616	{4 In2306	Cts/S	0.7165	0.0005	0.0658	0.7169	0.7162
Cr2677	267.716	{1 Y_3600	Cts/S	0.0858	0.001	1.21	0.0865	0.0851
Cu3247	324.754	{1 Y_3600	Cts/S	0.1875	0.0006	0.2968	0.1879	0.1871
Fe2404	240.488	{1 In2306	Cts/S	13.55	0.5321	3.928	13.17	13.92
K_7664	766.490	{ 4 Y_3710	Cts/S	1.117	0.0147	1.316	1.107	1.128
K_7698	769.896	{ 4 Y_3710	Cts/S	0.4726	0.0003	0.0613	0.4728	0.4724
Li6707	670.784	{ 5 Y_3710	Cts/S	4.293	0.051	1.188	4.257	4.329
Mg2790	279.079	{1 Y_3710	Cts/S	0.0358	0.0001	0.24	0.0358	0.0357
Mn2576	257.610	{1 Y_3600	Cts/S	0.6142	0.0052	0.845	0.6179	0.6105
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.1504	0.0007	0.4487	0.1499	0.1509
Mo2020	202.030	{4 Y_2243	Cts/S	0.3348	0.0001	0.0173	0.3349	0.3348
Na5895	589.592	{ 5 Y_3710	Cts/S	3.333	0.0438	1.314	3.302	3.364
Na8183	818.326	{ 4 Y_3710	Cts/S	0.1525	0.0007	0.4598	0.152	0.153
Ni2316	231.604	{4 In2306	Cts/S	0.424	0.0005	0.1137	0.4236	0.4243
P_1782	178.284	{4 In2306	Cts/S	0.0571	0.0001	0.2535	0.057	0.0572
Pb2203	220.353	{4 In2306	Cts/S	0.1341	0	0.0269	0.1341	0.1342
S_1820	182.034	{4 Y_2243	Cts/S	-0.0004	0.0001	15.13	-0.0003	-0.0004
Sb2068	206.833	{4 Y_2243	Cts/S	0.0521	0.0001	0.1705	0.0521	0.052
Se1960	196.090	{4 Y_2243	Cts/S	0.0418	0	0.0272	0.0418	0.0418
Si2516	251.611	{1 Y_3710	Cts/S	0.0103	0.0003	2.651	0.0101	0.0105
Sn1899	189.989	{4 In2306	Cts/S	0.1942	0.0005	0.2519	0.1946	0.1939
Sr4215	421.552	{ 8 Y_3710	Cts/S	2.34	0.017	0.725	2.328	2.352
Ti3349	334.904	{1 Y_3600	Cts/S	0.1476	0.0011	0.739	0.1483	0.1468
Tl1908	190.856	{4 In2306	Cts/S	0.0666	0.0003	0.3878	0.0668	0.0664
V_2924	292.402	{1 Y_3600	Cts/S	0.1196	0.0003	0.2822	0.1199	0.1194
Zn2062	206.200	{4 In2306	Cts/S	0.9212	0.0008	0.0857	0.9206	0.9218

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.989	1.7547	3.3751	53.229	50.748
In2306	230.606	{4 Cts/S	9947.5	3.3145	0.03332	9949.9	9945.2
Y_2243	224.306	{4 Cts/S	13095	19.712	0.15054	13108	13081
Y_3600	360.073	{ 9 Cts/S	107650	333.74	0.31002	107410	107890
Y_3710	371.030	{ 9 Cts/S	7128.3	23.818	0.33413	7145.1	7111.4

[Sample Header]
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SampleName=CalibStd-5
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:05:26
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1148	0.0012	1.037	0.1157	0.114
Al3082	308.215 {1	In2306	Cts/S	13.75	0.49	3.564	14.1	13.4
As1890	189.042 {4	Y_2243	Cts/S	0.1325	0.0001	0.0574	0.1325	0.1326
B_2496	249.678 {1	Y_3710	Cts/S	0.04	0.0002	0.5729	0.0402	0.0399
Ba4554	455.403 { 7	Y_3710	Cts/S	7.419	0.1384	1.866	7.517	7.321
Be3130	313.042 {1	Y_3710	Cts/S	2.782	0.0639	2.295	2.827	2.737
Ca3158	315.887 {1	In2306	Cts/S	47.77	1.823	3.816	49.06	46.49
Ca3181	318.128 {1	In2306	Cts/S	10.17	0.37	3.636	10.44	9.913
Cd2288	228.802 {4	Y_2243	Cts/S	0.8758	0.0013	0.1461	0.8749	0.8767
Co2286	228.616 {4	In2306	Cts/S	1.462	0.0015	0.0994	1.463	1.461
Cr2677	267.716 {1	Y_3600	Cts/S	0.1658	0.0025	1.51	0.1675	0.164
Cu3247	324.754 {1	Y_3600	Cts/S	0.3606	0.0038	1.058	0.3633	0.3579
Fe2404	240.488 {1	In2306	Cts/S	27.74	1.029	3.709	28.47	27.01
K_7664	766.490 { 4	Y_3710	Cts/S	2.199	0.0522	2.372	2.236	2.162
K_7698	769.896 { 4	Y_3710	Cts/S	0.9142	0.0228	2.494	0.9304	0.8981
Li6707	670.784 { 5	Y_3710	Cts/S	8.418	0.2093	2.487	8.566	8.27
Mg2790	279.079 {1	Y_3710	Cts/S	0.0724	0.0017	2.32	0.0736	0.0712
Mn2576	257.610 {1	Y_3600	Cts/S	1.172	0.0142	1.209	1.182	1.162
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.3031	0.0058	1.916	0.3072	0.299
Mo2020	202.030 {4	Y_2243	Cts/S	0.6761	0.002	0.2964	0.6775	0.6747
Na5895	589.592 { 5	Y_3710	Cts/S	6.555	0.1589	2.423	6.668	6.443
Na8183	818.326 { 4	Y_3710	Cts/S	0.3079	0.0071	2.295	0.3129	0.3029
Ni2316	231.604 {4	In2306	Cts/S	0.8641	0.0013	0.1552	0.865	0.8631
P_1782	178.284 {4	In2306	Cts/S	0.1189	0.0001	0.0918	0.119	0.1188
Pb2203	220.353 {4	In2306	Cts/S	0.2727	0.0001	0.0427	0.2728	0.2726
Sb2068	206.833 {4	Y_2243	Cts/S	0.107	0.0002	0.2196	0.1072	0.1069
Se1960	196.090 {4	Y_2243	Cts/S	0.0857	0.0001	0.0911	0.0856	0.0857
Si2516	251.611 {1	Y_3710	Cts/S	0.0213	0	0.0897	0.0213	0.0214
Sn1899	189.989 {4	In2306	Cts/S	0.3962	0.0004	0.0945	0.3959	0.3964
Sr4215	421.552 { 8	Y_3710	Cts/S	4.654	0.0865	1.858	4.715	4.593
Ti3349	334.904 {1	Y_3600	Cts/S	0.2868	0.0049	1.707	0.2902	0.2833
Tl1908	190.856 {4	In2306	Cts/S	0.1349	0.0008	0.6084	0.1355	0.1343
V_2924	292.402 {1	Y_3600	Cts/S	0.2304	0.0025	1.065	0.2321	0.2286
Zn2062	206.200 {4	In2306	Cts/S	1.885	0.0004	0.0232	1.885	1.884

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.335	1.7421	3.461	49.104	51.567
In2306	230.606 {4	Cts/S	9439	3.1325	0.03319	9441.2	9436.8
Y_2243	224.306 {4	Cts/S	12673	19.772	0.15601	12687	12659
Y_3600	360.073 { 9	Cts/S	107970	1021.3	0.94585	107250	108690
Y_3710	371.030 { 9	Cts/S	7067.8	132.27	1.8715	6974.3	7161.3

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:08:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2443	0.0014	0.5595	0.2453	0.2434
Al3082	308.215	{1 In2306	ppm	2.425	0.0146	0.6033	2.435	2.414
As1890	189.042	{4 Y_2243	ppm	0.4824	0.0039	0.8076	0.4796	0.4851
B_2496	249.678	{1 Y_3710	ppm	0.4784	0.0121	2.535	0.487	0.4698
Ba4554	455.403	{ 7 Y_3710	ppm	0.4723	0.0001	0.0226	0.4724	0.4722
Be3130	313.042	{1 Y_3710	ppm	0.4812	0.0024	0.5086	0.4829	0.4794
Ca3158	315.887	{1 In2306	ppm	12.15	0.0765	0.6299	12.2	12.09
Ca3181	318.128	{1 In2306	ppm	12.14	0.0555	0.4571	12.18	12.1
Cd2288	228.802	{4 Y_2243	ppm	0.4821	0.0043	0.8877	0.4791	0.4852
Co2286	228.616	{4 In2306	ppm	0.4868	0.0062	1.276	0.4824	0.4912
Cr2677	267.716	{1 Y_3600	ppm	0.4868	0.0025	0.5062	0.4885	0.485
Cu3247	324.754	{1 Y_3600	ppm	0.4903	0.0036	0.7309	0.4928	0.4877
Fe2404	240.488	{1 In2306	ppm	2.442	0.0154	0.632	2.453	2.431
K_7664	766.490	{ 4 Y_3710	ppm	11.94	0.0115	0.0959	11.93	11.95
K_7698	769.896	{ 4 Y_3710	ppm	11.88	0.0113	0.0954	11.89	11.87
Li6707	670.784	{ 5 Y_3710	ppm	0.4689	0.0003	0.069	0.4687	0.4691
Mg2790	279.079	{1 Y_3710	ppm	4.752	0.0605	1.273	4.709	4.795
Mn2576	257.610	{1 Y_3600	ppm	0.4881	0	0.0058	0.4881	0.4881
Mn2576-2	257.610	{1 Y_3710	ppm	0.4694	0.0004	0.0876	0.4697	0.4691
Mo2020	202.030	{4 Y_2243	ppm	0.4956	0.0037	0.7489	0.493	0.4982
Na5895	589.592	{ 5 Y_3710	ppm	11.91	0.0221	0.1854	11.9	11.93
Na8183	818.326	{ 4 Y_3710	ppm	11.74	0.0151	0.1282	11.73	11.75
Ni2316	231.604	{4 In2306	ppm	0.4826	0.005	1.044	0.4791	0.4862
P_1782	178.284	{4 In2306	ppm	-0.0008	0.0014	175.6	-0.0017	0.0002
Pb2203	220.353	{4 In2306	ppm	0.4828	0.0071	1.48	0.4778	0.4879
S_1820	182.034	{4 Y_2243	ppm	-278.3	1.761	0.6329	-277	-279.5
Sb2068	206.833	{4 Y_2243	ppm	0.4858	0.0056	1.149	0.4819	0.4898
Se1960	196.090	{4 Y_2243	ppm	0.494	0.0043	0.8749	0.4909	0.497
Si2516	251.611	{1 Y_3710	ppm	0.8481	0.0116	1.365	0.84	0.8563
Sn1899	189.989	{4 In2306	ppm	0.49	0.0053	1.079	0.4862	0.4937
Sr4215	421.552	{ 8 Y_3710	ppm	0.2403	0.0003	0.1445	0.2405	0.24
Ti3349	334.904	{1 Y_3600	ppm	0.4997	0.0017	0.3327	0.4986	0.5009
Tl1908	190.856	{4 In2306	ppm	0.4967	0.0063	1.261	0.4923	0.5012
V_2924	292.402	{1 Y_3600	ppm	0.4954	0.0007	0.1382	0.4959	0.4949
Zn2062	206.200	{4 In2306	ppm	0.4834	0.0067	1.384	0.4787	0.4881

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.814	0.36193	0.69851	51.558	52.07
In2306	230.606	{4 Cts/S	9938.6	66.762	0.67174	9985.8	9891.4
Y_2243	224.306	{4 Cts/S	12959	62.762	0.48432	13003	12915
Y_3600	360.073	{ 9 Cts/S	108750	201.32	0.18513	108610	108890
Y_3710	371.030	{ 9 Cts/S	7279.4	4.2535	0.05843	7282.4	7276.4

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.005	0	0.4277	0.005	0.0051
Al3082	308.215	{1 In2306	ppm	0.1079	0.0411	38.06	0.1369	0.0789
As1890	189.042	{4 Y_2243	ppm	0.0087	0	0.131	0.0087	0.0088
B_2496	249.678	{1 Y_3710	ppm	0.0122	0.0009	7.591	0.0128	0.0115
Ba4554	455.403	{ 7 Y_3710	ppm	0.009	0.0001	1.321	0.0089	0.0091
Be3130	313.042	{1 Y_3710	ppm	0.0049	0.0001	1.232	0.0049	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0789	0.0072	9.08	0.0738	0.0839
Ca3181	318.128	{1 In2306	ppm	0.1521	0.0078	5.146	0.1465	0.1576
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0006	12.23	0.0048	0.0057
Co2286	228.616	{4 In2306	ppm	0.0098	0.0007	7.123	0.0093	0.0103
Cr2677	267.716	{1 Y_3600	ppm	0.0097	0	0.231	0.0097	0.0097
Cu3247	324.754	{1 Y_3600	ppm	0.0094	0.0004	4.618	0.0091	0.0097
Fe2404	240.488	{1 In2306	ppm	0.0832	0.0068	8.136	0.088	0.0785
K_7664	766.490	{ 4 Y_3710	ppm	0.5699	0.002	0.3475	0.5685	0.5713
K_7698	769.896	{ 4 Y_3710	ppm	0.6258	0.0791	12.64	0.5698	0.6817
Li6707	670.784	{ 5 Y_3710	ppm	0.0092	0.0001	1.584	0.0091	0.0093
Mg2790	279.079	{1 Y_3710	ppm	0.016	0.0299	186.4	-0.0051	0.0371
Mn2576	257.610	{1 Y_3600	ppm	0.0101	0	0.3168	0.0101	0.0101
Mn2576-2	257.610	{1 Y_3710	ppm	0.0094	0.0008	8.417	0.01	0.0088
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0012	10.05	0.0106	0.0123
Na5895	589.592	{ 5 Y_3710	ppm	0.5692	0.0024	0.4291	0.5675	0.571
Na8183	818.326	{ 4 Y_3710	ppm	0.5181	0.051	9.842	0.5541	0.482
Ni2316	231.604	{4 In2306	ppm	0.01	0.0011	10.52	0.0093	0.0108
P_1782	178.284	{4 In2306	ppm	0.009	0.0003	3.844	0.0088	0.0093
Pb2203	220.353	{4 In2306	ppm	0.0108	0.0009	8.738	0.0101	0.0114
S_1820	182.034	{4 Y_2243	ppm	0.0308	0.4677	1518	0.3615	-0.2999
Sb2068	206.833	{4 Y_2243	ppm	0.0164	0.0013	7.808	0.0173	0.0155
Se1960	196.090	{4 Y_2243	ppm	0.0097	0.0017	17.69	0.0084	0.0109
Si2516	251.611	{1 Y_3710	ppm	0.0157	0.0065	41.77	0.0203	0.011
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0011	10.4	0.01	0.0116
Sr4215	421.552	{ 8 Y_3710	ppm	0.0046	0.0001	1.602	0.0046	0.0045
Ti3349	334.904	{1 Y_3600	ppm	0.0107	0	0.359	0.0107	0.0106
Tl1908	190.856	{4 In2306	ppm	0.0099	0.001	10.13	0.0092	0.0106
V_2924	292.402	{1 Y_3600	ppm	0.0095	0.0004	4.231	0.0092	0.0098
Zn2062	206.200	{4 In2306	ppm	0.0097	0.0007	7.624	0.0092	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.123	0.83339	1.5989	52.713	51.534
In2306	230.606	{4 Cts/S	10543	72.686	0.68942	10595	10492
Y_2243	224.306	{4 Cts/S	13191	77.349	0.58639	13245	13136
Y_3600	360.073	{ 9 Cts/S	110830	756.58	0.68267	111360	110290
Y_3710	371.030	{ 9 Cts/S	7225.6	107.77	1.4915	7301.8	7149.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0	5.799	0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	0.0335	0.0294	87.92	0.0127	0.0543
As1890	189.042	{4 Y_2243	ppm	-0.0017	0.0004	25.64	-0.0014	-0.002
B_2496	249.678	{1 Y_3710	ppm	-0.0026	0.0036	138.5	-0.0052	-0.0001
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0.0004	85.78	-0.0002	-0.0007
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	136	0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.0124	0.0111	90.08	-0.0202	-0.0045
Ca3181	318.128	{1 In2306	ppm	0.0169	0.0211	124.6	0.002	0.0319
Cd2288	228.802	{4 Y_2243	ppm	0	0	256.8	0	0
Co2286	228.616	{4 In2306	ppm	0	0	41.23	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	53.48	-0.0004	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	-0.0001	0.0001	150.2	-0.0001	0
Fe2404	240.488	{1 In2306	ppm	-0.0096	0.002	21.19	-0.011	-0.0081
K_7664	766.490	{ 4 Y_3710	ppm	0.0304	0.0091	30.04	0.024	0.0369
K_7698	769.896	{ 4 Y_3710	ppm	0.0834	0.017	20.32	0.0715	0.0954
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0001	104	-0.0002	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0365	0.0053	14.61	-0.0328	-0.0403
Mn2576	257.610	{1 Y_3600	ppm	0	0	393.5	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0003	0.0004	131.4	-0.0006	0
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0002	55.68	0.0002	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	-0.0024	0.0006	23.34	-0.0028	-0.002
Na8183	818.326	{ 4 Y_3710	ppm	0.0551	0.1869	339.1	-0.077	0.1872
Ni2316	231.604	{4 In2306	ppm	0	0.0001	135.6	0	0.0001
P_1782	178.284	{4 In2306	ppm	-0.0003	0.0003	94.5	-0.0001	-0.0006
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0006	78.7	0.0012	0.0003
S_1820	182.034	{4 Y_2243	ppm	0.0067	0.2432	3647	0.1787	-0.1653
Sb2068	206.833	{4 Y_2243	ppm	0.0026	0.0001	2.889	0.0025	0.0026
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0.0017	628.5	-0.0015	0.0009
Si2516	251.611	{1 Y_3710	ppm	0.0171	0.0061	35.37	0.0129	0.0214
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0001	47.2	0.0003	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0	30.18	-0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0004	0.0002	44.01	0.0003	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0003	0.0004	135.5	0.0005	0
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0003	70.51	-0.0007	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0	19.28	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.622	5.8246	11.506	54.741	46.504
In2306	230.606	{4 Cts/S	10513	85.338	0.81172	10453	10574
Y_2243	224.306	{4 Cts/S	13125	94.288	0.71838	13058	13192
Y_3600	360.073	{ 9 Cts/S	110590	516.67	0.46718	110230	110960
Y_3710	371.030	{ 9 Cts/S	7295.1	190.88	2.6166	7430.1	7160.1

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0005	651.4	0.0004	-0.0003
Al3082	308.215	{1 In2306	ppm	513.9	21.25	4.134	529	498.9
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0002	119	0	-0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.0048	0.0014	28.82	-0.0038	-0.0058
Ba4554	455.403	{ 7 Y_3710	ppm	0.0008	0.0001	12.98	0.0008	0.0007
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0002	119.3	0.0003	0
Ca3158	315.887	{1 In2306	ppm	492	25.68	5.219	510.2	473.9
Ca3181	318.128	{1 In2306	ppm	496.4	25.48	5.133	514.4	478.4
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0001	151.6	-0.0002	0
Co2286	228.616	{4 In2306	ppm	0.0004	0.0001	19.42	0.0005	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0015	0	1.288	0.0015	0.0014
Cu3247	324.754	{1 Y_3600	ppm	0.0032	0.0001	3.106	0.0032	0.0033
Fe2404	240.488	{1 In2306	ppm	193.1	9.63	4.988	199.9	186.3
K_7664	766.490	{ 4 Y_3710	ppm	0.0158	0.0185	116.9	0.0027	0.0289
K_7698	769.896	{ 4 Y_3710	ppm	-0.0057	0.0032	55.14	-0.0035	-0.008
Li6707	670.784	{ 5 Y_3710	ppm	0.0089	0.0004	4.751	0.0092	0.0086
Mg2790	279.079	{1 Y_3710	ppm	569.3	0.9843	0.1729	568.6	570
Mn2576	257.610	{1 Y_3600	ppm	-0.0052	0.0001	1.696	-0.0052	-0.0053
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0105	0.0038	36.02	-0.0078	-0.0132
Mo2020	202.030	{4 Y_2243	ppm	-0.0003	0.0003	101.5	-0.0006	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.016	0.0039	24.47	0.0132	0.0188
Na8183	818.326	{ 4 Y_3710	ppm	0.517	0.1069	20.68	0.5926	0.4414
Ni2316	231.604	{4 In2306	ppm	0.0047	0.0005	10.7	0.0051	0.0044
P_1782	178.284	{4 In2306	ppm	0.0045	0.0007	15.01	0.005	0.004
Pb2203	220.353	{4 In2306	ppm	-0.009	0.003	33.73	-0.0112	-0.0069
S_1820	182.034	{4 Y_2243	ppm	36.69	1.173	3.197	37.52	35.86
Sb2068	206.833	{4 Y_2243	ppm	-0.0067	0.0004	6	-0.0064	-0.007
Se1960	196.090	{4 Y_2243	ppm	0.0019	0.0038	196.7	0.0046	-0.0008
Si2516	251.611	{1 Y_3710	ppm	-0.0005	0.0024	524.1	-0.0022	0.0013
Sn1899	189.989	{4 In2306	ppm	0.0021	0.0002	7.679	0.0022	0.0019
Sr4215	421.552	{ 8 Y_3710	ppm	0.0021	0.0001	3.648	0.002	0.0021
Ti3349	334.904	{1 Y_3600	ppm	0.0017	0.0002	11.12	0.0018	0.0016
Tl1908	190.856	{4 In2306	ppm	-0.0005	0.0007	149.7	0	-0.0009
V_2924	292.402	{1 Y_3600	ppm	-0.0068	0.0006	8.365	-0.0072	-0.0064
Zn2062	206.200	{4 In2306	ppm	0.0041	0.0001	2.401	0.0041	0.0042

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.06	2.0403	4.2452	46.617	49.503
In2306	230.606	{4 Cts/S	7640.7	20.957	0.27428	7655.6	7625.9
Y_2243	224.306	{4 Cts/S	11401	41.201	0.36139	11430	11371
Y_3600	360.073	{ 9 Cts/S	94491	205.98	0.21799	94636	94345
Y_3710	371.030	{ 9 Cts/S	6286.9	54.833	0.87219	6325.6	6248.1

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5493	0.0397	7.236	0.5774	0.5212
Al3082	308.215	{1 In2306	ppm	545	35.65	6.54	519.8	570.2
As1890	189.042	{4 Y_2243	ppm	0.9642	0.0178	1.841	0.9768	0.9517
B_2496	249.678	{1 Y_3710	ppm	1.087	0.037	3.404	1.061	1.113
Ba4554	455.403	{ 7 Y_3710	ppm	1.119	0.0374	3.341	1.092	1.145
Be3130	313.042	{1 Y_3710	ppm	0.5267	0.0172	3.259	0.5146	0.5389
Ca3158	315.887	{1 In2306	ppm	527	38.32	7.271	499.9	554.1
Ca3181	318.128	{1 In2306	ppm	529.8	39.38	7.434	501.9	557.6
Cd2288	228.802	{4 Y_2243	ppm	0.4941	0.009	1.821	0.5005	0.4878
Co2286	228.616	{4 In2306	ppm	0.9571	0.0185	1.936	0.9702	0.944
Cr2677	267.716	{1 Y_3600	ppm	0.9229	0.0679	7.358	0.9709	0.8748
Cu3247	324.754	{1 Y_3600	ppm	1.05	0.0799	7.609	1.107	0.9937
Fe2404	240.488	{1 In2306	ppm	212.3	15.26	7.191	201.5	223.1
K_7664	766.490	{ 4 Y_3710	ppm	11.57	0.3361	2.905	11.33	11.8
K_7698	769.896	{ 4 Y_3710	ppm	11.56	0.3041	2.629	11.35	11.78
Li6707	670.784	{ 5 Y_3710	ppm	1.116	0.0304	2.722	1.094	1.137
Mg2790	279.079	{1 Y_3710	ppm	599	24.13	4.028	582	616.1
Mn2576	257.610	{1 Y_3600	ppm	0.9201	0.0687	7.465	0.9686	0.8715
Mn2576-2	257.610	{1 Y_3710	ppm	1.055	0.0375	3.554	1.029	1.082
Mo2020	202.030	{4 Y_2243	ppm	0.8896	0.0158	1.775	0.9008	0.8784
Na5895	589.592	{ 5 Y_3710	ppm	11.26	0.3153	2.799	11.04	11.49
Na8183	818.326	{ 4 Y_3710	ppm	11.59	0.2367	2.042	11.42	11.76
Ni2316	231.604	{4 In2306	ppm	0.9533	0.0175	1.838	0.9657	0.9409
P_1782	178.284	{4 In2306	ppm	1.081	0.0208	1.924	1.096	1.067
Pb2203	220.353	{4 In2306	ppm	0.9114	0.0196	2.146	0.9252	0.8976
S_1820	182.034	{4 Y_2243	ppm	37.13	1.185	3.19	37.97	36.29
Sb2068	206.833	{4 Y_2243	ppm	0.9305	0.0191	2.047	0.944	0.9171
Se1960	196.090	{4 Y_2243	ppm	0.9678	0.0191	1.974	0.9813	0.9542
Si2516	251.611	{1 Y_3710	ppm	0.9793	0.0492	5.019	0.9446	1.014
Sn1899	189.989	{4 In2306	ppm	0.9602	0.0205	2.14	0.9747	0.9457
Sr4215	421.552	{ 8 Y_3710	ppm	0.5516	0.0181	3.289	0.5388	0.5644
Ti3349	334.904	{1 Y_3600	ppm	0.957	0.069	7.212	1.006	0.9082
Tl1908	190.856	{4 In2306	ppm	0.8979	0.0159	1.776	0.9092	0.8866
V_2924	292.402	{1 Y_3600	ppm	0.9356	0.068	7.269	0.9837	0.8875
Zn2062	206.200	{4 In2306	ppm	0.9712	0.0177	1.823	0.9838	0.9587

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	45.865	2.9683	6.4718	47.964	43.766
In2306	230.606	{4 Cts/S	7674.8	108.24	1.4103	7598.3	7751.4
Y_2243	224.306	{4 Cts/S	11534	151.04	1.3096	11427	11641
Y_3600	360.073	{ 9 Cts/S	93259	5615.8	6.0217	89288	97230
Y_3710	371.030	{ 9 Cts/S	6093	188.81	3.0988	6226.5	5959.5

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2427	0.0023	0.9363	0.2411	0.2443
Al3082	308.215	{1 In2306	ppm	2.428	0.0089	0.367	2.435	2.422
As1890	189.042	{4 Y_2243	ppm	0.4889	0.0127	2.596	0.4978	0.4799
B_2496	249.678	{1 Y_3710	ppm	0.4664	0.0203	4.36	0.452	0.4808
Ba4554	455.403	{ 7 Y_3710	ppm	0.4767	0.002	0.4277	0.4782	0.4753
Be3130	313.042	{1 Y_3710	ppm	0.4897	0.0015	0.316	0.4886	0.4908
Ca3158	315.887	{1 In2306	ppm	11.95	0.1947	1.63	11.81	12.08
Ca3181	318.128	{1 In2306	ppm	11.84	0.2095	1.769	11.69	11.99
Cd2288	228.802	{4 Y_2243	ppm	0.4863	0.0122	2.506	0.4949	0.4777
Co2286	228.616	{4 In2306	ppm	0.4931	0.0113	2.289	0.501	0.4851
Cr2677	267.716	{1 Y_3600	ppm	0.4909	0.0031	0.6411	0.4886	0.4931
Cu3247	324.754	{1 Y_3600	ppm	0.4822	0.002	0.4203	0.4808	0.4837
Fe2404	240.488	{1 In2306	ppm	2.385	0.0733	3.072	2.333	2.437
K_7664	766.490	{ 4 Y_3710	ppm	12.05	0.3064	2.542	12.27	11.84
K_7698	769.896	{ 4 Y_3710	ppm	12.06	0.2109	1.75	12.2	11.91
Li6707	670.784	{ 5 Y_3710	ppm	0.4711	0.0179	3.806	0.4837	0.4584
Mg2790	279.079	{1 Y_3710	ppm	4.965	0.0178	0.3581	4.952	4.978
Mn2576	257.610	{1 Y_3600	ppm	0.4853	0.0049	1.004	0.4819	0.4888
Mn2576-2	257.610	{1 Y_3710	ppm	0.477	0.0075	1.576	0.4717	0.4824
Mo2020	202.030	{4 Y_2243	ppm	0.501	0.0138	2.762	0.5108	0.4912
Na5895	589.592	{ 5 Y_3710	ppm	12	0.3651	3.043	12.26	11.74
Na8183	818.326	{ 4 Y_3710	ppm	12.24	0.2256	1.843	12.4	12.08
Ni2316	231.604	{4 In2306	ppm	0.4915	0.0093	1.893	0.4981	0.4849
P_1782	178.284	{4 In2306	ppm	0.0006	0.001	171.3	-0.0001	0.0012
Pb2203	220.353	{4 In2306	ppm	0.492	0.0099	2.003	0.499	0.4851
S_1820	182.034	{4 Y_2243	ppm	-283.8	7.497	2.642	-289.1	-278.5
Sb2068	206.833	{4 Y_2243	ppm	0.5064	0.0132	2.607	0.5157	0.497
Se1960	196.090	{4 Y_2243	ppm	0.4989	0.0122	2.436	0.5075	0.4903
Si2516	251.611	{1 Y_3710	ppm	0.846	0.0449	5.307	0.8142	0.8777
Sn1899	189.989	{4 In2306	ppm	0.4982	0.0099	1.99	0.5052	0.4912
Sr4215	421.552	{ 8 Y_3710	ppm	0.2419	0.0007	0.2856	0.2424	0.2414
Ti3349	334.904	{1 Y_3600	ppm	0.4992	0.0025	0.5102	0.4974	0.501
Tl1908	190.856	{4 In2306	ppm	0.5055	0.0094	1.86	0.5122	0.4989
V_2924	292.402	{1 Y_3600	ppm	0.4895	0.0014	0.2939	0.4885	0.4905
Zn2062	206.200	{4 In2306	ppm	0.4894	0.0108	2.204	0.497	0.4818

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.425	0.07806	0.14889	52.481	52.37
In2306	230.606	{4 Cts/S	9790.4	153.26	1.5654	9682.1	9898.8
Y_2243	224.306	{4 Cts/S	12833	217.09	1.6917	12679	12986
Y_3600	360.073	{ 9 Cts/S	108790	574.2	0.52779	109200	108390
Y_3710	371.030	{ 9 Cts/S	7084.4	13.642	0.19257	7094	7074.7

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0001	1.945	0.0049	0.0048
Al3082	308.215	{1 In2306	ppm	0.0657	0.0177	26.94	0.0532	0.0782
As1890	189.042	{4 Y_2243	ppm	0.0082	0.0006	7.891	0.0077	0.0086
B_2496	249.678	{1 Y_3710	ppm	0.0087	0.0024	27.47	0.007	0.0104
Ba4554	455.403	{ 7 Y_3710	ppm	0.0094	0.0002	2.239	0.0096	0.0093
Be3130	313.042	{1 Y_3710	ppm	0.0048	0.0002	4.413	0.005	0.0047
Ca3158	315.887	{1 In2306	ppm	0.0999	0.0118	11.83	0.0915	0.1082
Ca3181	318.128	{1 In2306	ppm	0.0939	0.0245	26.07	0.1113	0.0766
Cd2288	228.802	{4 Y_2243	ppm	0.0052	0.0004	8.247	0.0049	0.0056
Co2286	228.616	{4 In2306	ppm	0.0097	0.0004	3.901	0.0094	0.01
Cr2677	267.716	{1 Y_3600	ppm	0.0093	0.0001	1.18	0.0092	0.0093
Cu3247	324.754	{1 Y_3600	ppm	0.0098	0.0003	3.244	0.01	0.0096
Fe2404	240.488	{1 In2306	ppm	0.0883	0.0161	18.28	0.0997	0.0769
K_7664	766.490	{ 4 Y_3710	ppm	0.5967	0.0244	4.093	0.5794	0.614
K_7698	769.896	{ 4 Y_3710	ppm	0.6795	0.0377	5.555	0.6528	0.7062
Li6707	670.784	{ 5 Y_3710	ppm	0.0096	0.0003	3.516	0.0093	0.0098
Mg2790	279.079	{1 Y_3710	ppm	0.0287	0.0389	135.6	0.0561	0.0012
Mn2576	257.610	{1 Y_3600	ppm	0.0099	0.0003	2.601	0.0101	0.0097
Mn2576-2	257.610	{1 Y_3710	ppm	0.0145	0.0076	52.57	0.0199	0.0091
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0009	8.208	0.0107	0.0121
Na5895	589.592	{ 5 Y_3710	ppm	0.5855	0.015	2.559	0.5749	0.5961
Na8183	818.326	{ 4 Y_3710	ppm	0.5998	0.0882	14.71	0.5374	0.6622
Ni2316	231.604	{4 In2306	ppm	0.0097	0.0002	2.075	0.0096	0.0099
P_1782	178.284	{4 In2306	ppm	0.0087	0.0011	12.53	0.0095	0.008
Pb2203	220.353	{4 In2306	ppm	0.0108	0.0003	3.068	0.0106	0.011
S_1820	182.034	{4 Y_2243	ppm	-0.5236	0.2064	39.41	-0.6696	-0.3777
Sb2068	206.833	{4 Y_2243	ppm	0.0216	0.0014	6.256	0.0226	0.0207
Se1960	196.090	{4 Y_2243	ppm	0.01	0.0003	2.875	0.0102	0.0098
Si2516	251.611	{1 Y_3710	ppm	0.0276	0.0044	15.94	0.0307	0.0245
Sn1899	189.989	{4 In2306	ppm	0.0105	0.0007	6.819	0.01	0.011
Sr4215	421.552	{ 8 Y_3710	ppm	0.0045	0	0.5749	0.0045	0.0045
Ti3349	334.904	{1 Y_3600	ppm	0.0107	0.0006	6.086	0.0111	0.0102
Tl1908	190.856	{4 In2306	ppm	0.0099	0.0009	8.922	0.0093	0.0105
V_2924	292.402	{1 Y_3600	ppm	0.0092	0.0001	0.872	0.0092	0.0091
Zn2062	206.200	{4 In2306	ppm	0.0098	0.0003	2.823	0.0096	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.424	1.9808	3.7783	53.825	51.024
In2306	230.606	{4 Cts/S	10440	134.59	1.2891	10345	10535
Y_2243	224.306	{4 Cts/S	13092	178.94	1.3668	12965	13218
Y_3600	360.073	{ 9 Cts/S	112210	2760.3	2.4599	110260	114160
Y_3710	371.030	{ 9 Cts/S	7124.3	27.109	0.38051	7143.5	7105.2

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0003	246.5	0.0001	-0.0004
Al3082	308.215	{1 In2306	ppm	0.0261	0.013	49.8	0.0169	0.0353
As1890	189.042	{4 Y_2243	ppm	-0.0007	0.0008	121.8	-0.0001	-0.0013
B_2496	249.678	{1 Y_3710	ppm	-0.0012	0.0016	138.6	-0.0023	0
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0001	545	0	0.0001
Be3130	313.042	{1 Y_3710	ppm	0	0	48.26	0	0
Ca3158	315.887	{1 In2306	ppm	-0.003	0.017	570.5	0.009	-0.015
Ca3181	318.128	{1 In2306	ppm	0.0557	0.0306	55.04	0.0773	0.034
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	59.21	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0	0.0001	291.9	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	13.37	-0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	-0.0002	0.0001	36.42	-0.0002	-0.0003
Fe2404	240.488	{1 In2306	ppm	0.0027	0.0107	399.8	-0.0049	0.0103
K_7664	766.490	{ 4 Y_3710	ppm	0.0029	0.0017	59.79	0.0017	0.0041
K_7698	769.896	{ 4 Y_3710	ppm	0.1125	0.012	10.68	0.104	0.121
Li6707	670.784	{ 5 Y_3710	ppm	-0.0004	0.0001	30.21	-0.0003	-0.0005
Mg2790	279.079	{1 Y_3710	ppm	-0.0653	0.0604	92.62	-0.108	-0.0225
Mn2576	257.610	{1 Y_3600	ppm	0	0	9.265	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0002	0.0001	67.71	-0.0003	-0.0001
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	49.73	0.0003	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.006	0.0047	77.51	0.0093	0.0027
Na8183	818.326	{ 4 Y_3710	ppm	-0.0583	0.0178	30.6	-0.0709	-0.0457
Ni2316	231.604	{4 In2306	ppm	-0.0002	0.0001	91.86	-0.0003	-0.0001
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0008	121	-0.0001	-0.0012
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0006	97.85	0.0002	0.0011
S_1820	182.034	{4 Y_2243	ppm	-0.1893	0.1376	72.66	-0.0921	-0.2866
Sb2068	206.833	{4 Y_2243	ppm	0.0028	0.0006	19.96	0.0024	0.0032
Se1960	196.090	{4 Y_2243	ppm	-0.0012	0.0013	111.1	-0.0021	-0.0003
Si2516	251.611	{1 Y_3710	ppm	0.0151	0.0119	78.93	0.0067	0.0235
Sn1899	189.989	{4 In2306	ppm	0	0.0001	178.3	0	-0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0	25.26	-0.0001	-0.0001
Ti3349	334.904	{1 Y_3600	ppm	0	0.0001	1521	0.0001	-0.0001
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0003	124.3	0	0.0004
V_2924	292.402	{1 Y_3600	ppm	-0.0005	0	4.934	-0.0005	-0.0005
Zn2062	206.200	{4 In2306	ppm	0.0001	0	35.22	0.0002	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.808	1.8348	3.4744	54.106	51.511
In2306	230.606	{4 Cts/S	10505	27.711	0.26379	10485	10525
Y_2243	224.306	{4 Cts/S	13155	46.567	0.354	13122	13187
Y_3600	360.073	{ 9 Cts/S	111070	712.28	0.64127	111580	110570
Y_3710	371.030	{ 9 Cts/S	7143.6	27.549	0.38564	7163.1	7124.2

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0.0001	21.85	-0.0002	-0.0003
Al3082	308.215	{1 In2306	ppm	0.0019	0.0276	1426	-0.0176	0.0214
As1890	189.042	{4 Y_2243	ppm	-0.0019	0.0007	37.15	-0.0014	-0.0024
B_2496	249.678	{1 Y_3710	ppm	-0.0043	0.0017	39.96	-0.0031	-0.0055
Ba4554	455.403	{ 7 Y_3710	ppm	0.0002	0	23.39	0.0002	0.0002
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	60.69	0.0002	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0123	0.013	105.3	-0.0215	-0.0031
Ca3181	318.128	{1 In2306	ppm	0.0179	0.041	228.8	-0.0111	0.047
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	592.5	0.0001	0
Co2286	228.616	{4 In2306	ppm	0.0002	0	0.7186	0.0002	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0006	0.0003	41.6	-0.0008	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0005	0	4.417	0.0005	0.0005
Fe2404	240.488	{1 In2306	ppm	0.0121	0.013	107.2	0.0214	0.0029
K_7664	766.490	{ 4 Y_3710	ppm	0.002	0.0089	439.1	-0.0043	0.0083
K_7698	769.896	{ 4 Y_3710	ppm	0.0385	0.0027	6.887	0.0404	0.0366
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	61.36	0.0001	0.0002
Mg2790	279.079	{1 Y_3710	ppm	0.0002	0.0273	12110	0.0196	-0.0191
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0.0001	92	0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0006	0.0008	138	-0.0011	0
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0	16.6	0.0001	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0036	0.0023	63.99	0.0052	0.002
Na8183	818.326	{ 4 Y_3710	ppm	-0.0651	0.0136	20.89	-0.0747	-0.0555
Ni2316	231.604	{4 In2306	ppm	-0.0003	0	13.16	-0.0003	-0.0002
P_1782	178.284	{4 In2306	ppm	0.0003	0.0006	217.5	-0.0002	0.0008
Pb2203	220.353	{4 In2306	ppm	0.0002	0.0007	461.7	-0.0003	0.0006
S_1820	182.034	{4 Y_2243	ppm	-1.025	0.2521	24.6	-1.203	-0.8467
Sb2068	206.833	{4 Y_2243	ppm	0.0009	0.0002	25.5	0.0011	0.0007
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0.0014	489.1	0.0007	-0.0013
Si2516	251.611	{1 Y_3710	ppm	0.0093	0.0183	196.4	-0.0036	0.0222
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0003	353.8	-0.0001	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	35.12	-0.0003	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0006	0.0005	74.71	0.0009	0.0003
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0007	178.5	-0.0009	0.0001
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0002	49.16	-0.0005	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0019	0	0.6479	0.0019	0.0019

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.898	0.40534	0.82894	48.612	49.185
In2306	230.606	{4 Cts/S	10402	70.272	0.67555	10353	10452
Y_2243	224.306	{4 Cts/S	13035	90.519	0.69442	12971	13099
Y_3600	360.073	{ 9 Cts/S	111560	2898.3	2.598	109510	113610
Y_3710	371.030	{ 9 Cts/S	7068.5	144.12	2.039	7170.4	6966.6

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Custom ID3=
Run Time=1/14/2012 12:31:27
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5	0.0192	3.85	0.4864	0.5136
Al3082	308.215	{1 In2306	ppm	9.538	0.0337	0.3538	9.514	9.562
As1890	189.042	{4 Y_2243	ppm	0.9692	0.042	4.335	0.9395	0.9989
B_2496	249.678	{1 Y_3710	ppm	0.959	0.0034	0.3532	0.9567	0.9614
Ba4554	455.403	{ 7 Y_3710	ppm	0.9758	0.0003	0.0337	0.9756	0.9761
Be3130	313.042	{1 Y_3710	ppm	0.4908	0.0057	1.164	0.4949	0.4868
Ca3158	315.887	{1 In2306	ppm	9.411	0.0067	0.0713	9.407	9.416
Ca3181	318.128	{1 In2306	ppm	9.471	0.0651	0.6878	9.517	9.425
Cd2288	228.802	{4 Y_2243	ppm	0.4819	0.0197	4.093	0.4679	0.4958
Co2286	228.616	{4 In2306	ppm	0.9707	0.0407	4.193	0.9419	0.9995
Cr2677	267.716	{1 Y_3600	ppm	0.9755	0.0393	4.032	0.9477	1.003
Cu3247	324.754	{1 Y_3600	ppm	0.9939	0.0366	3.687	0.968	1.02
Fe2404	240.488	{1 In2306	ppm	9.486	0.0066	0.0693	9.491	9.481
K_7664	766.490	{ 4 Y_3710	ppm	10.37	0.0238	0.2299	10.35	10.38
K_7698	769.896	{ 4 Y_3710	ppm	10.1	0.1072	1.062	10.17	10.02
Li6707	670.784	{ 5 Y_3710	ppm	0.5132	0.0043	0.8349	0.5102	0.5162
Mg2790	279.079	{1 Y_3710	ppm	9.618	0.1262	1.312	9.707	9.529
Mn2576	257.610	{1 Y_3600	ppm	0.9733	0.041	4.21	0.9443	1.002
Mn2576-2	257.610	{1 Y_3710	ppm	0.9567	0.0121	1.266	0.9653	0.9481
Mo2020	202.030	{4 Y_2243	ppm	0.9799	0.0392	4.002	0.9522	1.008
Na5895	589.592	{ 5 Y_3710	ppm	10.26	0.0268	0.2609	10.24	10.28
Na8183	818.326	{ 4 Y_3710	ppm	9.857	0.084	0.8527	9.917	9.798
Ni2316	231.604	{4 In2306	ppm	0.9692	0.0402	4.143	0.9408	0.9976
P_1782	178.284	{4 In2306	ppm	0.0001	0.0002	254.8	-0.0001	0.0002
Pb2203	220.353	{4 In2306	ppm	0.9699	0.0434	4.477	0.9392	1.001
S_1820	182.034	{4 Y_2243	ppm	-2.069	0.1034	4.999	-1.996	-2.142
Sb2068	206.833	{4 Y_2243	ppm	0.9486	0.0361	3.806	0.9231	0.9741
Se1960	196.090	{4 Y_2243	ppm	0.9915	0.0466	4.697	0.9585	1.024
Si2516	251.611	{1 Y_3710	ppm	0.8383	0.0064	0.7684	0.8338	0.8429
Sn1899	189.989	{4 In2306	ppm	0.98	0.044	4.486	0.9489	1.011
Sr4215	421.552	{ 8 Y_3710	ppm	0.492	0.002	0.406	0.4934	0.4906
Ti3349	334.904	{1 Y_3600	ppm	0.9821	0.0385	3.92	0.9549	1.009
Tl1908	190.856	{4 In2306	ppm	0.9989	0.0396	3.961	0.971	1.027
V_2924	292.402	{1 Y_3600	ppm	0.9773	0.0385	3.944	0.9501	1.005
Zn2062	206.200	{4 In2306	ppm	0.9536	0.04	4.199	0.9253	0.9819

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.366	0.15344	0.29872	51.474	51.257
In2306	230.606	{4 Cts/S	9771.7	318.31	3.2575	9996.8	9546.6
Y_2243	224.306	{4 Cts/S	12847	405.67	3.1578	13134	12560
Y_3600	360.073	{ 9 Cts/S	108350	3527.1	3.2552	110850	105860
Y_3710	371.030	{ 9 Cts/S	6980.9	41.458	0.59388	6951.6	7010.2

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0002	50.79	0.0005	0.0002
Al3082	308.215	{1 In2306	ppm	-0.0075	0.0539	722.1	-0.0456	0.0307
As1890	189.042	{4 Y_2243	ppm	0.0017	0.0017	102.1	0.0005	0.0029
B_2496	249.678	{1 Y_3710	ppm	0.0019	0.0028	150.6	-0.0001	0.0039
Ba4554	455.403	{ 7 Y_3710	ppm	0.0084	0.0001	1.653	0.0085	0.0083
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	229.8	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.2181	0.0224	10.26	0.2023	0.2339
Ca3181	318.128	{1 In2306	ppm	0.249	0.1051	42.2	0.1747	0.3233
Cd2288	228.802	{4 Y_2243	ppm	0.0011	0.0013	119.7	0.0002	0.002
Co2286	228.616	{4 In2306	ppm	0.0025	0.0029	116.2	0.0005	0.0046
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0002	43.66	-0.0005	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.002	0.0002	11.92	0.0021	0.0018
Fe2404	240.488	{1 In2306	ppm	0.0173	0.0057	32.72	0.0133	0.0213
K_7664	766.490	{ 4 Y_3710	ppm	0.0716	0.0247	34.52	0.089	0.0541
K_7698	769.896	{ 4 Y_3710	ppm	0.1056	0.0373	35.31	0.0793	0.132
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0001	127.6	-0.0001	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0115	0.0176	152.5	-0.024	0.0009
Mn2576	257.610	{1 Y_3600	ppm	0.0003	0	11.93	0.0003	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0.0004	0.0011	294	0.0011	-0.0004
Mo2020	202.030	{4 Y_2243	ppm	0.0045	0.0037	81.71	0.0019	0.0071
Na5895	589.592	{ 5 Y_3710	ppm	140.1	7.311	5.217	145.3	135
Na8183	818.326	{ 4 Y_3710	ppm	139.6	1.699	1.217	140.8	138.4
Ni2316	231.604	{4 In2306	ppm	0.0018	0.0028	157.7	-0.0002	0.0037
P_1782	178.284	{4 In2306	ppm	0.0012	0.0003	23.82	0.001	0.0014
Pb2203	220.353	{4 In2306	ppm	0.002	0.0029	141.5	0	0.0041
S_1820	182.034	{4 Y_2243	ppm	-3.094	0.5153	16.66	-3.458	-2.729
Sb2068	206.833	{4 Y_2243	ppm	0.0159	0.0026	16.06	0.0141	0.0177
Se1960	196.090	{4 Y_2243	ppm	0.0017	0.0017	95.31	0.0006	0.0029
Si2516	251.611	{1 Y_3710	ppm	0.0259	0.0003	0.9937	0.0261	0.0257
Sn1899	189.989	{4 In2306	ppm	0.004	0.0029	73.25	0.0019	0.0061
Sr4215	421.552	{ 8 Y_3710	ppm	0.0002	0.0002	89.04	0.0001	0.0004
Ti3349	334.904	{1 Y_3600	ppm	0.0018	0	2.422	0.0018	0.0018
Tl1908	190.856	{4 In2306	ppm	0.0031	0.004	128.7	0.0003	0.006
V_2924	292.402	{1 Y_3600	ppm	-0.0002	0.0003	204.3	-0.0004	0.0001
Zn2062	206.200	{4 In2306	ppm	0.0073	0.0028	37.79	0.0054	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.39	0.92605	1.875	50.045	48.735
In2306	230.606	{4 Cts/S	9302.4	15.879	0.1707	9313.6	9291.1
Y_2243	224.306	{4 Cts/S	12405	36.489	0.29415	12431	12379
Y_3600	360.073	{ 9 Cts/S	103330	169.48	0.16401	103450	103210
Y_3710	371.030	{ 9 Cts/S	7025.6	51.795	0.73723	6989	7062.2

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Custom ID3=
Run Time=1/14/2012 12:36:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0002	459.7	-0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.0174	0.0303	173.8	0.0389	-0.004
As1890	189.042	{4 Y_2243	ppm	0.0007	0.0011	150.5	0.0015	0
B_2496	249.678	{1 Y_3710	ppm	0.0082	0.0024	29.09	0.0098	0.0065
Ba4554	455.403	{ 7 Y_3710	ppm	0.1014	0.0004	0.4009	0.1011	0.1017
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	123.7	0	0.0002
Ca3158	315.887	{1 In2306	ppm	37.35	1.271	3.403	36.45	38.25
Ca3181	318.128	{1 In2306	ppm	36.99	1.533	4.144	35.91	38.08
Cd2288	228.802	{4 Y_2243	ppm	0.0038	0.0002	6.222	0.0036	0.0039
Co2286	228.616	{4 In2306	ppm	0.0004	0.0001	25.59	0.0004	0.0005
Cr2677	267.716	{1 Y_3600	ppm	0	0.0001	105.8	0	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0071	0.0003	4.849	0.0073	0.0068
Fe2404	240.488	{1 In2306	ppm	0.0044	0.0057	127.9	0.0004	0.0085
K_7664	766.490	{ 4 Y_3710	ppm	0.162	0.0287	17.7	0.1823	0.1417
K_7698	769.896	{ 4 Y_3710	ppm	0.1535	0.0172	11.23	0.1656	0.1413
Li6707	670.784	{ 5 Y_3710	ppm	0.001	0.0005	51.97	0.0014	0.0006
Mg2790	279.079	{1 Y_3710	ppm	0.9775	0.036	3.679	0.9521	1.003
Mn2576	257.610	{1 Y_3600	ppm	0.109	0.0069	6.306	0.1139	0.1042
Mn2576-2	257.610	{1 Y_3710	ppm	0.1001	0.0034	3.397	0.0977	0.1025
Mo2020	202.030	{4 Y_2243	ppm	0.0005	0.0002	41.43	0.0003	0.0006
Na5895	589.592	{ 5 Y_3710	ppm	130.3	0.2801	0.215	130.1	130.4
Na8183	818.326	{ 4 Y_3710	ppm	134.8	0.2051	0.1521	134.7	134.9
Ni2316	231.604	{4 In2306	ppm	0.003	0.0004	14.12	0.0027	0.0033
P_1782	178.284	{4 In2306	ppm	0.0045	0.0002	5.028	0.0047	0.0044
Pb2203	220.353	{4 In2306	ppm	0.0247	0.0002	0.8542	0.0246	0.0249
S_1820	182.034	{4 Y_2243	ppm	-45.08	0.044	0.0975	-45.05	-45.11
Sb2068	206.833	{4 Y_2243	ppm	0.004	0.0004	11.04	0.0037	0.0043
Se1960	196.090	{4 Y_2243	ppm	-0.0004	0.0003	73.02	-0.0006	-0.0002
Si2516	251.611	{1 Y_3710	ppm	0.307	0.0247	8.035	0.3244	0.2896
Sn1899	189.989	{4 In2306	ppm	0.0004	0.0004	102.1	0.0001	0.0006
Sr4215	421.552	{ 8 Y_3710	ppm	0.1261	0.0006	0.4495	0.1257	0.1265
Ti3349	334.904	{1 Y_3600	ppm	0.0014	0.0001	5.004	0.0013	0.0014
Tl1908	190.856	{4 In2306	ppm	0.0004	0.0008	217.7	-0.0002	0.0009
V_2924	292.402	{1 Y_3600	ppm	-0.0008	0	1.699	-0.0007	-0.0008
Zn2062	206.200	{4 In2306	ppm	0.2944	0.0033	1.131	0.292	0.2967

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.483	1.5349	3.0404	51.569	49.398
In2306	230.606	{4 Cts/S	9022	62.392	0.69155	9066.1	8977.8
Y_2243	224.306	{4 Cts/S	12159	43.101	0.35449	12189	12128
Y_3600	360.073	{ 9 Cts/S	101500	4718.1	4.6483	98165	104840
Y_3710	371.030	{ 9 Cts/S	7175.6	49.814	0.69422	7210.9	7140.4

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5122	0.0002	0.0442	0.5123	0.512
Al3082	308.215	{1 In2306	ppm	10.17	0.3854	3.789	9.899	10.44
As1890	189.042	{4 Y_2243	ppm	1.001	0.019	1.896	1.014	0.9871
B_2496	249.678	{1 Y_3710	ppm	1.03	0.0134	1.303	1.021	1.04
Ba4554	455.403	{ 7 Y_3710	ppm	1.121	0.0224	2.002	1.105	1.137
Be3130	313.042	{1 Y_3710	ppm	0.5037	0.0121	2.403	0.4951	0.5122
Ca3158	315.887	{1 In2306	ppm	49.46	0.5841	1.181	49.05	49.87
Ca3181	318.128	{1 In2306	ppm	48.91	0.4881	0.9978	48.57	49.26
Cd2288	228.802	{4 Y_2243	ppm	0.4919	0.0097	1.967	0.4988	0.4851
Co2286	228.616	{4 In2306	ppm	0.9801	0.0213	2.17	0.9952	0.9651
Cr2677	267.716	{1 Y_3600	ppm	0.9658	0.0028	0.2927	0.9678	0.9638
Cu3247	324.754	{1 Y_3600	ppm	0.9957	0.001	0.0993	0.995	0.9964
Fe2404	240.488	{1 In2306	ppm	9.907	0.0827	0.835	9.849	9.966
K_7664	766.490	{ 4 Y_3710	ppm	11.13	0.3614	3.246	10.88	11.39
K_7698	769.896	{ 4 Y_3710	ppm	10.87	0.2883	2.653	10.66	11.07
Li6707	670.784	{ 5 Y_3710	ppm	0.5428	0.0155	2.852	0.5318	0.5537
Mg2790	279.079	{1 Y_3710	ppm	10.82	0.2178	2.013	10.67	10.98
Mn2576	257.610	{1 Y_3600	ppm	1.058	0.001	0.0901	1.059	1.058
Mn2576-2	257.610	{1 Y_3710	ppm	1.087	0.0184	1.695	1.073	1.1
Mo2020	202.030	{4 Y_2243	ppm	0.988	0.0235	2.374	1.005	0.9714
Na5895	589.592	{ 5 Y_3710	ppm	152	0.0103	0.0068	152	152
Na8183	818.326	{ 4 Y_3710	ppm	156.3	3.605	2.306	153.8	158.9
Ni2316	231.604	{4 In2306	ppm	0.9845	0.0213	2.165	0.9996	0.9694
P_1782	178.284	{4 In2306	ppm	0.0052	0.0015	28.26	0.0062	0.0042
Pb2203	220.353	{4 In2306	ppm	0.9926	0.0234	2.362	1.009	0.976
S_1820	182.034	{4 Y_2243	ppm	-45.94	0.4749	1.034	-46.27	-45.6
Sb2068	206.833	{4 Y_2243	ppm	0.9771	0.0204	2.089	0.9915	0.9626
Se1960	196.090	{4 Y_2243	ppm	1.03	0.0174	1.689	1.042	1.018
Si2516	251.611	{1 Y_3710	ppm	1.27	0.0251	1.978	1.252	1.287
Sn1899	189.989	{4 In2306	ppm	1.008	0.023	2.283	1.025	0.9922
Sr4215	421.552	{ 8 Y_3710	ppm	0.6467	0.0141	2.186	0.6367	0.6567
Ti3349	334.904	{1 Y_3600	ppm	1.002	0.0051	0.5121	1.006	0.9986
Tl1908	190.856	{4 In2306	ppm	0.9729	0.0272	2.791	0.9922	0.9537
V_2924	292.402	{1 Y_3600	ppm	0.9664	0.0001	0.0116	0.9663	0.9664
Zn2062	206.200	{4 In2306	ppm	1.277	0.0268	2.096	1.296	1.258

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.051	0.62612	1.2765	49.494	48.608
In2306	230.606	{4 Cts/S	8972.4	93.311	1.04	8906.4	9038.4
Y_2243	224.306	{4 Cts/S	12307	104.52	0.84924	12233	12381
Y_3600	360.073	{ 9 Cts/S	103590	148.27	0.14314	103480	103690
Y_3710	371.030	{ 9 Cts/S	6802.3	139.44	2.0498	6900.9	6703.7

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Custom ID3=
Run Time=1/14/2012 12:41:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5067	0.0123	2.42	0.498	0.5154
Al3082	308.215	{1 In2306	ppm	10.35	0.4011	3.876	10.07	10.63
As1890	189.042	{4 Y_2243	ppm	0.9966	0.0318	3.194	1.019	0.9741
B_2496	249.678	{1 Y_3710	ppm	1.012	0.0091	0.8954	1.006	1.019
Ba4554	455.403	{ 7 Y_3710	ppm	1.124	0.0043	0.3848	1.121	1.127
Be3130	313.042	{1 Y_3710	ppm	0.501	0.0056	1.116	0.497	0.5049
Ca3158	315.887	{1 In2306	ppm	49.99	2.065	4.13	48.53	51.45
Ca3181	318.128	{1 In2306	ppm	49.4	2.406	4.872	47.69	51.1
Cd2288	228.802	{4 Y_2243	ppm	0.4902	0.019	3.881	0.5037	0.4768
Co2286	228.616	{4 In2306	ppm	0.9816	0.0358	3.648	1.007	0.9563
Cr2677	267.716	{1 Y_3600	ppm	0.951	0.0287	3.019	0.9307	0.9714
Cu3247	324.754	{1 Y_3600	ppm	0.987	0.0246	2.49	0.9696	1.004
Fe2404	240.488	{1 In2306	ppm	10.08	0.3938	3.908	9.8	10.36
K_7664	766.490	{ 4 Y_3710	ppm	11.24	0.0709	0.6309	11.29	11.19
K_7698	769.896	{ 4 Y_3710	ppm	10.92	0.0125	0.1147	10.91	10.93
Li6707	670.784	{ 5 Y_3710	ppm	0.5501	0.0078	1.419	0.5556	0.5446
Mg2790	279.079	{1 Y_3710	ppm	10.63	0.1099	1.034	10.55	10.71
Mn2576	257.610	{1 Y_3600	ppm	1.048	0.0297	2.837	1.027	1.069
Mn2576-2	257.610	{1 Y_3710	ppm	1.077	0.0188	1.745	1.064	1.09
Mo2020	202.030	{4 Y_2243	ppm	0.9876	0.038	3.846	1.014	0.9607
Na5895	589.592	{ 5 Y_3710	ppm	150.3	0.9922	0.6599	149.6	151
Na8183	818.326	{ 4 Y_3710	ppm	155.6	0.2599	0.1671	155.4	155.8
Ni2316	231.604	{4 In2306	ppm	0.9897	0.0348	3.517	1.014	0.9651
P_1782	178.284	{4 In2306	ppm	0.0044	0.0002	3.851	0.0043	0.0045
Pb2203	220.353	{4 In2306	ppm	0.9946	0.0358	3.604	1.02	0.9692
S_1820	182.034	{4 Y_2243	ppm	-44.64	0.9506	2.129	-45.32	-43.97
Sb2068	206.833	{4 Y_2243	ppm	0.9813	0.0421	4.285	1.011	0.9516
Se1960	196.090	{4 Y_2243	ppm	1.031	0.038	3.687	1.058	1.004
Si2516	251.611	{1 Y_3710	ppm	1.256	0.0558	4.441	1.217	1.295
Sn1899	189.989	{4 In2306	ppm	1.009	0.0343	3.396	1.033	0.9846
Sr4215	421.552	{ 8 Y_3710	ppm	0.6474	0.0033	0.5033	0.6451	0.6497
Ti3349	334.904	{1 Y_3600	ppm	0.9808	0.0139	1.417	0.971	0.9906
Tl1908	190.856	{4 In2306	ppm	0.983	0.0349	3.547	1.008	0.9583
V_2924	292.402	{1 Y_3600	ppm	0.9564	0.0253	2.644	0.9385	0.9742
Zn2062	206.200	{4 In2306	ppm	1.274	0.0444	3.485	1.306	1.243

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.11	1.7492	3.6358	49.347	46.873
In2306	230.606	{4 Cts/S	8996.3	262.74	2.9205	8810.5	9182.1
Y_2243	224.306	{4 Cts/S	12380	390.07	3.1507	12104	12656
Y_3600	360.073	{ 9 Cts/S	104420	2432.8	2.3299	106140	102700
Y_3710	371.030	{ 9 Cts/S	6813.5	53.119	0.77961	6851.1	6775.9

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:44:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0	2.419	-0.0002	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0958	0.0113	11.78	0.1038	0.0878
As1890	189.042	{4 Y_2243	ppm	0.0034	0.0069	204.9	-0.0015	0.0083
B_2496	249.678	{1 Y_3710	ppm	0.0235	0.0041	17.64	0.0264	0.0205
Ba4554	455.403	{ 7 Y_3710	ppm	0.0495	0.0007	1.458	0.049	0.05
Be3130	313.042	{1 Y_3710	ppm	0	0	10.05	0	0
Ca3158	315.887	{1 In2306	ppm	20.01	0.6346	3.171	20.46	19.56
Ca3181	318.128	{1 In2306	ppm	19.83	0.537	2.708	20.21	19.45
Cd2288	228.802	{4 Y_2243	ppm	0.0027	0.0032	117.8	0.0004	0.0049
Co2286	228.616	{4 In2306	ppm	0.0057	0.0067	118.2	0.0009	0.0104
Cr2677	267.716	{1 Y_3600	ppm	0.0002	0.0002	85.09	0.0003	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0013	0.0002	16.37	0.0014	0.0011
Fe2404	240.488	{1 In2306	ppm	0.0396	0.0089	22.42	0.0334	0.0459
K_7664	766.490	{ 4 Y_3710	ppm	0.1128	0.0104	9.254	0.1055	0.1202
K_7698	769.896	{ 4 Y_3710	ppm	0.1703	0.0035	2.078	0.1678	0.1728
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0007	152.6	0	0.0009
Mg2790	279.079	{1 Y_3710	ppm	2.777	0.0591	2.128	2.735	2.819
Mn2576	257.610	{1 Y_3600	ppm	0.0291	0.0012	4.136	0.0299	0.0282
Mn2576-2	257.610	{1 Y_3710	ppm	0.0272	0.0013	4.799	0.0262	0.0281
Mo2020	202.030	{4 Y_2243	ppm	0.0089	0.0084	95.36	0.0029	0.0148
Na5895	589.592	{ 5 Y_3710	ppm	126.5	2.263	1.79	124.9	128.1
Na8183	818.326	{ 4 Y_3710	ppm	130.4	1.48	1.135	129.4	131.5
Ni2316	231.604	{4 In2306	ppm	0.0059	0.0069	116.8	0.001	0.0108
P_1782	178.284	{4 In2306	ppm	0.0005	0.0006	105.5	0.0009	0.0001
Pb2203	220.353	{4 In2306	ppm	0.0058	0.0058	98.9	0.0018	0.0099
S_1820	182.034	{4 Y_2243	ppm	-177	0.3715	0.2099	-177.2	-176.7
Sb2068	206.833	{4 Y_2243	ppm	0.0208	0.0054	25.78	0.017	0.0246
Se1960	196.090	{4 Y_2243	ppm	0.0051	0.0041	80.84	0.0022	0.008
Si2516	251.611	{1 Y_3710	ppm	0.2588	0.0304	11.73	0.2374	0.2803
Sn1899	189.989	{4 In2306	ppm	0.0081	0.0079	97.53	0.0025	0.0137
Sr4215	421.552	{ 8 Y_3710	ppm	0.0618	0.0009	1.382	0.0612	0.0624
Ti3349	334.904	{1 Y_3600	ppm	0.0055	0.0006	10.96	0.0059	0.0051
Tl1908	190.856	{4 In2306	ppm	0.0067	0.0059	87.81	0.0025	0.0108
V_2924	292.402	{1 Y_3600	ppm	0	0.0002	488.1	0.0001	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0136	0.0084	61.97	0.0077	0.0196

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.036	1.9701	3.8602	49.643	52.429
In2306	230.606	{4 Cts/S	9171	50.24	0.54781	9206.6	9135.5
Y_2243	224.306	{4 Cts/S	12354	36.381	0.29449	12380	12328
Y_3600	360.073	{ 9 Cts/S	104330	3351.2	3.2121	101960	106700
Y_3710	371.030	{ 9 Cts/S	7228.1	103.88	1.4372	7301.6	7154.7

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0002	201.3	0	-0.0002
Al3082	308.215	{1 In2306	ppm	0.1099	0.0125	11.34	0.1011	0.1187
As1890	189.042	{4 Y_2243	ppm	0	0.0001	2068	0.0001	-0.0001
B_2496	249.678	{1 Y_3710	ppm	0.0158	0.0044	27.55	0.0189	0.0127
Ba4554	455.403	{ 7 Y_3710	ppm	0.0047	0.0005	9.891	0.005	0.0044
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	81.52	0.0003	0.0001
Ca3158	315.887	{1 In2306	ppm	1.585	0.0039	0.2466	1.583	1.588
Ca3181	318.128	{1 In2306	ppm	1.593	0.0594	3.727	1.551	1.635
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	31.85	0.0001	0.0002
Co2286	228.616	{4 In2306	ppm	0.0005	0.0002	35.03	0.0003	0.0006
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0002	142	-0.0003	0
Cu3247	324.754	{1 Y_3600	ppm	0.0005	0.0001	22.87	0.0004	0.0005
Fe2404	240.488	{1 In2306	ppm	0.0293	0.0015	5.13	0.0282	0.0304
K_7664	766.490	{ 4 Y_3710	ppm	0.4046	0.0164	4.049	0.4162	0.393
K_7698	769.896	{ 4 Y_3710	ppm	0.5371	0.0948	17.66	0.6041	0.47
Li6707	670.784	{ 5 Y_3710	ppm	0.0056	0.0007	12.31	0.0061	0.0051
Mg2790	279.079	{1 Y_3710	ppm	1.427	0.0304	2.131	1.449	1.406
Mn2576	257.610	{1 Y_3600	ppm	0.0172	0.0009	4.979	0.0166	0.0178
Mn2576-2	257.610	{1 Y_3710	ppm	0.0172	0	0.0062	0.0172	0.0172
Mo2020	202.030	{4 Y_2243	ppm	0.0008	0.0003	35.9	0.0006	0.001
Na5895	589.592	{ 5 Y_3710	ppm	145.8	8.749	6	152	139.6
Na8183	818.326	{ 4 Y_3710	ppm	149.8	7.957	5.313	155.4	144.2
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0005	89.52	0.0002	0.0008
P_1782	178.284	{4 In2306	ppm	18.63	0.5567	2.988	19.02	18.23
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0008	91.28	0.0003	0.0014
S_1820	182.034	{4 Y_2243	ppm	-687.8	16.99	2.471	-699.8	-675.8
Sb2068	206.833	{4 Y_2243	ppm	0.004	0.0007	16.71	0.0045	0.0035
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0	2	-0.0003	-0.0003
Si2516	251.611	{1 Y_3710	ppm	0.1381	0.0077	5.603	0.1435	0.1326
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0001	18.19	0.0006	0.0007
Sr4215	421.552	{ 8 Y_3710	ppm	0.013	0.0005	3.772	0.0133	0.0126
Ti3349	334.904	{1 Y_3600	ppm	0.0005	0.0005	102	0.0001	0.0008
Tl1908	190.856	{4 In2306	ppm	0	0.0001	347.1	0	-0.0001
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0004	105.7	-0.0001	-0.0007
Zn2062	206.200	{4 In2306	ppm	0.0328	0.0008	2.587	0.0334	0.0322

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.786	0.20373	0.4092	49.642	49.931
In2306	230.606	{4 Cts/S	9264.5	172.24	1.8592	9142.7	9386.3
Y_2243	224.306	{4 Cts/S	12438	213.06	1.7129	12288	12589
Y_3600	360.073	{ 9 Cts/S	107470	3951.1	3.6766	110260	104670
Y_3710	371.030	{ 9 Cts/S	6792.5	288.64	4.2494	6588.4	6996.6

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0003	419.5	0.0001	-0.0003
Al3082	308.215	{1 In2306	ppm	0.0721	0.112	155.5	-0.0072	0.1513
As1890	189.042	{4 Y_2243	ppm	-0.0015	0.0009	64.53	-0.0021	-0.0008
B_2496	249.678	{1 Y_3710	ppm	-0.0077	0.0028	36.76	-0.0057	-0.0097
Ba4554	455.403	{ 7 Y_3710	ppm	0.0184	0.001	5.287	0.0177	0.0191
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	2471	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	67.57	4.869	7.206	64.13	71.01
Ca3181	318.128	{1 In2306	ppm	67.11	4.792	7.141	63.73	70.5
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	276.1	0	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0.0002	88.51	0.0003	0.0001
Cr2677	267.716	{1 Y_3600	ppm	0.0021	0.0006	28.85	0.0025	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.0006	0	6.403	0.0005	0.0006
Fe2404	240.488	{1 In2306	ppm	0.0103	0.0087	83.81	0.0042	0.0164
K_7664	766.490	{ 4 Y_3710	ppm	0.3481	0.0214	6.136	0.333	0.3632
K_7698	769.896	{ 4 Y_3710	ppm	0.3762	0.0109	2.889	0.3685	0.3839
Li6707	670.784	{ 5 Y_3710	ppm	0.0022	0.0001	5.953	0.0022	0.0023
Mg2790	279.079	{1 Y_3710	ppm	0.0256	0.0149	58.27	0.0362	0.0151
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	12.86	0.0002	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0	0.0009	39910	-0.0006	0.0006
Mo2020	202.030	{4 Y_2243	ppm	0.0006	0.0003	52.03	0.0008	0.0004
Na5895	589.592	{ 5 Y_3710	ppm	135.9	3.895	2.866	133.2	138.7
Na8183	818.326	{ 4 Y_3710	ppm	138.2	6.635	4.801	133.5	142.9
Ni2316	231.604	{4 In2306	ppm	-0.0006	0.0001	11.65	-0.0006	-0.0005
P_1782	178.284	{4 In2306	ppm	0.0654	0.081	123.8	0.0081	0.1227
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0001	76.86	0.0001	0.0002
S_1820	182.034	{4 Y_2243	ppm	-659	14.72	2.233	-648.6	-669.4
Sb2068	206.833	{4 Y_2243	ppm	0.001	0.0021	203.4	-0.0004	0.0025
Se1960	196.090	{4 Y_2243	ppm	0.0012	0.0011	87.07	0.0005	0.002
Si2516	251.611	{1 Y_3710	ppm	3.109	0.1217	3.915	3.023	3.195
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0001	49.35	0.0003	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.2434	0.0119	4.881	0.235	0.2518
Ti3349	334.904	{1 Y_3600	ppm	0.0005	0.0002	36.97	0.0006	0.0004
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0005	125.4	0	-0.0008
V_2924	292.402	{1 Y_3600	ppm	0.0023	0.0006	24.19	0.0019	0.0027
Zn2062	206.200	{4 In2306	ppm	0.0026	0.0002	8.064	0.0024	0.0027

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.79	3.6006	7.0891	53.336	48.244
In2306	230.606	{4 Cts/S	8801	173.49	1.9713	8923.7	8678.3
Y_2243	224.306	{4 Cts/S	11892	221.65	1.8639	12048	11735
Y_3600	360.073	{ 9 Cts/S	102500	104.12	0.10159	102420	102570
Y_3710	371.030	{ 9 Cts/S	7154.7	302.72	4.231	7368.7	6940.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0004	228.2	-0.0001	0.0005
Al3082	308.215	{1 In2306	ppm	-0.0466	0.0271	58.06	-0.0657	-0.0275
As1890	189.042	{4 Y_2243	ppm	0.0003	0.0006	235.1	-0.0002	0.0007
B_2496	249.678	{1 Y_3710	ppm	0.014	0.0083	59.41	0.0081	0.0198
Ba4554	455.403	{ 7 Y_3710	ppm	0.0033	0.0001	3.831	0.0032	0.0034
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	401	0.0001	0
Ca3158	315.887	{1 In2306	ppm	0.1385	0.0016	1.149	0.1396	0.1374
Ca3181	318.128	{1 In2306	ppm	0.1362	0.0219	16.08	0.1207	0.1517
Cd2288	228.802	{4 Y_2243	ppm	0	0	75	0	0
Co2286	228.616	{4 In2306	ppm	0.0001	0.0002	115.3	0.0003	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0005	0.0003	68.2	-0.0007	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0004	0.0003	81.36	0.0006	0.0002
Fe2404	240.488	{1 In2306	ppm	0.0242	0.0163	67.17	0.0127	0.0357
K_7664	766.490	{ 4 Y_3710	ppm	0.0307	0.0024	7.726	0.0324	0.029
K_7698	769.896	{ 4 Y_3710	ppm	0.1043	0.0293	28.12	0.125	0.0835
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0005	105.5	0.0001	0.0008
Mg2790	279.079	{1 Y_3710	ppm	-0.0423	0.0478	113.2	-0.0761	-0.0084
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	3.733	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0008	0.0006	78.83	-0.0004	-0.0013
Mo2020	202.030	{4 Y_2243	ppm	0.0028	0.0001	2.028	0.0029	0.0028
Na5895	589.592	{ 5 Y_3710	ppm	0.8904	0.0124	1.392	0.8816	0.8991
Na8183	818.326	{ 4 Y_3710	ppm	0.8488	0.0717	8.451	0.8995	0.7981
Ni2316	231.604	{4 In2306	ppm	-0.0005	0	0.1044	-0.0005	-0.0005
P_1782	178.284	{4 In2306	ppm	0.0026	0.0004	13.74	0.0028	0.0023
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0008	99.07	0.0014	0.0003
S_1820	182.034	{4 Y_2243	ppm	-1.18	0.3391	28.74	-0.9402	-1.42
Sb2068	206.833	{4 Y_2243	ppm	0.0016	0.0004	23.92	0.0013	0.0019
Se1960	196.090	{4 Y_2243	ppm	0.0009	0.0006	62.19	0.0013	0.0005
Si2516	251.611	{1 Y_3710	ppm	0.0216	0.0364	168.2	-0.0041	0.0474
Sn1899	189.989	{4 In2306	ppm	-0.0001	0.0002	130.8	0	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0001	1389	-0.0001	0.0001
Ti3349	334.904	{1 Y_3600	ppm	0.0006	0.0001	8.17	0.0007	0.0006
Tl1908	190.856	{4 In2306	ppm	0.0001	0.0001	138.3	0.0001	0
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0002	165.2	-0.0002	0
Zn2062	206.200	{4 In2306	ppm	0.0034	0.0001	1.825	0.0034	0.0035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.898	0.41465	0.831	50.191	49.605
In2306	230.606	{4 Cts/S	10431	177.85	1.7051	10556	10305
Y_2243	224.306	{4 Cts/S	13151	247.77	1.884	13326	12976
Y_3600	360.073	{ 9 Cts/S	114350	358.16	0.31322	114600	114090
Y_3710	371.030	{ 9 Cts/S	6998.2	149.93	2.1425	7104.2	6892.1

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2428	0.0004	0.1643	0.2431	0.2426
Al3082	308.215	{1 In2306	ppm	2.465	0.0021	0.0871	2.466	2.463
As1890	189.042	{4 Y_2243	ppm	0.4736	0.0026	0.5565	0.4718	0.4755
B_2496	249.678	{1 Y_3710	ppm	0.4747	0.003	0.6302	0.4768	0.4726
Ba4554	455.403	{ 7 Y_3710	ppm	0.4908	0.0041	0.8378	0.4879	0.4937
Be3130	313.042	{1 Y_3710	ppm	0.4893	0.0016	0.3192	0.4882	0.4904
Ca3158	315.887	{1 In2306	ppm	11.95	0.0262	0.2194	11.93	11.96
Ca3181	318.128	{1 In2306	ppm	11.85	0.0115	0.0967	11.84	11.85
Cd2288	228.802	{4 Y_2243	ppm	0.4644	0.0029	0.6176	0.4624	0.4665
Co2286	228.616	{4 In2306	ppm	0.4728	0.0029	0.6046	0.4708	0.4749
Cr2677	267.716	{1 Y_3600	ppm	0.4826	0.0005	0.106	0.483	0.4823
Cu3247	324.754	{1 Y_3600	ppm	0.4852	0.0123	2.526	0.4939	0.4765
Fe2404	240.488	{1 In2306	ppm	2.393	0.0555	2.317	2.432	2.354
K_7664	766.490	{ 4 Y_3710	ppm	13.1	0.0225	0.1721	13.08	13.11
K_7698	769.896	{ 4 Y_3710	ppm	12.54	0.0637	0.5082	12.5	12.59
Li6707	670.784	{ 5 Y_3710	ppm	0.5164	0.0044	0.8502	0.5133	0.5195
Mg2790	279.079	{1 Y_3710	ppm	4.678	0.1008	2.155	4.607	4.75
Mn2576	257.610	{1 Y_3600	ppm	0.4837	0.0008	0.162	0.4843	0.4832
Mn2576-2	257.610	{1 Y_3710	ppm	0.4821	0.0007	0.1509	0.4815	0.4826
Mo2020	202.030	{4 Y_2243	ppm	0.4854	0.002	0.4095	0.484	0.4868
Na5895	589.592	{ 5 Y_3710	ppm	12.93	0.0783	0.6057	12.87	12.98
Na8183	818.326	{ 4 Y_3710	ppm	12.23	0.0083	0.0678	12.23	12.24
Ni2316	231.604	{4 In2306	ppm	0.4784	0.0028	0.5844	0.4765	0.4804
P_1782	178.284	{4 In2306	ppm	-0.0006	0.001	175.1	0.0001	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.4772	0.007	1.459	0.4723	0.4821
S_1820	182.034	{4 Y_2243	ppm	-276.8	1.573	0.5685	-275.7	-277.9
Sb2068	206.833	{4 Y_2243	ppm	0.4694	0.0003	0.058	0.4692	0.4695
Se1960	196.090	{4 Y_2243	ppm	0.4887	0.0034	0.6982	0.4863	0.4911
Si2516	251.611	{1 Y_3710	ppm	0.8793	0.0148	1.682	0.8688	0.8897
Sn1899	189.989	{4 In2306	ppm	0.4855	0.0037	0.7653	0.4828	0.4881
Sr4215	421.552	{ 8 Y_3710	ppm	0.2514	0.0022	0.8895	0.2498	0.2529
Ti3349	334.904	{1 Y_3600	ppm	0.497	0.0025	0.4996	0.4987	0.4952
Tl1908	190.856	{4 In2306	ppm	0.4952	0.0023	0.4668	0.4935	0.4968
V_2924	292.402	{1 Y_3600	ppm	0.4771	0.0015	0.3244	0.4782	0.476
Zn2062	206.200	{4 In2306	ppm	0.4684	0.003	0.6309	0.4664	0.4705

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.604	0.19645	0.3882	50.743	50.465
In2306	230.606	{4 Cts/S	9879.8	72.92	0.73808	9931.3	9828.2
Y_2243	224.306	{4 Cts/S	13012	89.583	0.68846	13075	12949
Y_3600	360.073	{ 9 Cts/S	109110	385.07	0.35293	108830	109380
Y_3710	371.030	{ 9 Cts/S	6926.1	16.143	0.23307	6937.5	6914.7

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0053	0.0003	6.018	0.005	0.0055
Al3082	308.215	{1 In2306	ppm	0.1211	0.0025	2.076	0.1194	0.1229
As1890	189.042	{4 Y_2243	ppm	0.0077	0.001	13.18	0.007	0.0085
B_2496	249.678	{1 Y_3710	ppm	0.0039	0.0148	381.5	-0.0066	0.0143
Ba4554	455.403	{ 7 Y_3710	ppm	0.0093	0.0002	2.245	0.0092	0.0095
Be3130	313.042	{1 Y_3710	ppm	0.0049	0.0001	1.439	0.0048	0.0049
Ca3158	315.887	{1 In2306	ppm	0.0795	0.0038	4.833	0.0767	0.0822
Ca3181	318.128	{1 In2306	ppm	0.164	0.0501	30.55	0.1286	0.1994
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0006	12.2	0.0048	0.0057
Co2286	228.616	{4 In2306	ppm	0.0099	0.0008	7.876	0.0094	0.0105
Cr2677	267.716	{1 Y_3600	ppm	0.0089	0.0001	1.428	0.0089	0.009
Cu3247	324.754	{1 Y_3600	ppm	0.0096	0.0002	1.847	0.0095	0.0098
Fe2404	240.488	{1 In2306	ppm	0.0932	0.0041	4.422	0.0961	0.0902
K_7664	766.490	{ 4 Y_3710	ppm	0.6035	0.01	1.659	0.6106	0.5965
K_7698	769.896	{ 4 Y_3710	ppm	0.6872	0.0549	7.992	0.6484	0.726
Li6707	670.784	{ 5 Y_3710	ppm	0.0097	0.0004	3.919	0.0094	0.01
Mg2790	279.079	{1 Y_3710	ppm	0.0754	0.0376	49.89	0.0488	0.102
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0	0.3293	0.0098	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0092	0.0021	22.44	0.0078	0.0107
Mo2020	202.030	{4 Y_2243	ppm	0.0116	0.0013	11.21	0.0107	0.0125
Na5895	589.592	{ 5 Y_3710	ppm	0.62	0.0049	0.7976	0.6165	0.6235
Na8183	818.326	{ 4 Y_3710	ppm	0.863	0.1007	11.67	0.9342	0.7918
Ni2316	231.604	{4 In2306	ppm	0.0102	0.0009	8.987	0.0095	0.0108
P_1782	178.284	{4 In2306	ppm	0.0096	0.0007	7.328	0.0091	0.0101
Pb2203	220.353	{4 In2306	ppm	0.0099	0.0002	1.755	0.0097	0.01
S_1820	182.034	{4 Y_2243	ppm	-0.0494	0.013	26.23	-0.0402	-0.0585
Sb2068	206.833	{4 Y_2243	ppm	0.0165	0.0014	8.225	0.0156	0.0175
Se1960	196.090	{4 Y_2243	ppm	0.0094	0.0009	9.074	0.0088	0.0101
Si2516	251.611	{1 Y_3710	ppm	0.0199	0.0016	7.85	0.0188	0.021
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0006	5.351	0.0104	0.0112
Sr4215	421.552	{ 8 Y_3710	ppm	0.0048	0	0.4138	0.0048	0.0049
Ti3349	334.904	{1 Y_3600	ppm	0.01	0.0002	2.399	0.0102	0.0099
Tl1908	190.856	{4 In2306	ppm	0.0105	0.0003	2.977	0.0103	0.0107
V_2924	292.402	{1 Y_3600	ppm	0.0089	0.0002	1.7	0.0088	0.009
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0009	8.891	0.009	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.111	0.84629	1.6558	51.71	50.513
In2306	230.606	{4 Cts/S	10403	10.143	0.09751	10396	10410
Y_2243	224.306	{4 Cts/S	13158	22.564	0.17149	13142	13173
Y_3600	360.073	{ 9 Cts/S	113900	1149.7	1.0094	114710	113080
Y_3710	371.030	{ 9 Cts/S	7021.9	38.052	0.54191	7048.8	6995

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0007	2822	0.0004	-0.0005
Al3082	308.215	{1 In2306	ppm	-0.0146	0.0121	83.12	-0.006	-0.0232
As1890	189.042	{4 Y_2243	ppm	-0.0017	0.0005	27.87	-0.0021	-0.0014
B_2496	249.678	{1 Y_3710	ppm	-0.0022	0.0015	67.22	-0.0032	-0.0011
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0.0001	26.09	-0.0003	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	404.2	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0088	0.0049	55.72	-0.0122	-0.0053
Ca3181	318.128	{1 In2306	ppm	0.0063	0.0481	765	0.0403	-0.0277
Cd2288	228.802	{4 Y_2243	ppm	0	0.0002	330.2	-0.0001	0.0002
Co2286	228.616	{4 In2306	ppm	0	0	42.65	0	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0004	129.9	0	-0.0006
Cu3247	324.754	{1 Y_3600	ppm	0	0	54.16	0	0.0001
Fe2404	240.488	{1 In2306	ppm	-0.0042	0.0171	403.5	-0.0164	0.0079
K_7664	766.490	{ 4 Y_3710	ppm	0.0244	0.042	172.3	0.0541	-0.0053
K_7698	769.896	{ 4 Y_3710	ppm	0.111	0.0407	36.64	0.0822	0.1397
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0	10.85	0.0002	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0231	0.0118	51.14	-0.0315	-0.0148
Mn2576	257.610	{1 Y_3600	ppm	0	0	157.9	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0003	0.0006	211.2	0.0007	-0.0001
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0	11.7	0.0003	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.0147	0.0012	7.971	0.0139	0.0156
Na8183	818.326	{ 4 Y_3710	ppm	0.1086	0.0516	47.5	0.0721	0.145
Ni2316	231.604	{4 In2306	ppm	0	0	81.69	0.0001	0
P_1782	178.284	{4 In2306	ppm	0.0002	0.0007	360.1	-0.0003	0.0007
Pb2203	220.353	{4 In2306	ppm	0.0006	0.0004	71.46	0.0009	0.0003
S_1820	182.034	{4 Y_2243	ppm	0.1742	0.4903	281.5	-0.1725	0.5208
Sb2068	206.833	{4 Y_2243	ppm	0.0024	0.0007	30.9	0.0018	0.0029
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0009	552	-0.0008	0.0005
Si2516	251.611	{1 Y_3710	ppm	-0.0073	0.0096	131.3	-0.0005	-0.0141
Sn1899	189.989	{4 In2306	ppm	0	0.0001	159	0	-0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0	5.521	-0.0003	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	-0.0001	0	30.89	-0.0002	-0.0001
Tl1908	190.856	{4 In2306	ppm	0.0001	0.0004	544.3	-0.0002	0.0004
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0	4.513	-0.0004	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0001	0	24.01	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.596	1.3314	2.5314	53.538	51.655
In2306	230.606	{4 Cts/S	10442	115.67	1.1078	10523	10360
Y_2243	224.306	{4 Cts/S	13126	129.85	0.98925	13218	13034
Y_3600	360.073	{ 9 Cts/S	113510	112.86	0.09943	113590	113430
Y_3710	371.030	{ 9 Cts/S	6975	9.476	0.13586	6968.3	6981.7

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0003	521.6	0.0003	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0044	0.0072	163.5	-0.0007	0.0095
As1890	189.042	{4 Y_2243	ppm	-0.0023	0.0008	36.79	-0.0028	-0.0017
B_2496	249.678	{1 Y_3710	ppm	0.0141	0.0027	19.18	0.016	0.0122
Ba4554	455.403	{ 7 Y_3710	ppm	0.3735	0.0066	1.754	0.3781	0.3689
Be3130	313.042	{1 Y_3710	ppm	0	0	88.68	0	0
Ca3158	315.887	{1 In2306	ppm	314.4	7.223	2.298	319.5	309.3
Ca3181	318.128	{1 In2306	ppm	314.2	7.222	2.299	319.3	309
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	66.05	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0	16.98	0.0002	0.0002
Cr2677	267.716	{1 Y_3600	ppm	0.0007	0.0003	37.43	0.0009	0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0019	0.0001	3.813	0.0019	0.0018
Fe2404	240.488	{1 In2306	ppm	-0.0167	0.0158	94.78	-0.0279	-0.0055
K_7664	766.490	{ 4 Y_3710	ppm	3.349	0.0556	1.66	3.388	3.31
K_7698	769.896	{ 4 Y_3710	ppm	3.35	0.0673	2.008	3.398	3.303
Li6707	670.784	{ 5 Y_3710	ppm	0.0183	0.0001	0.4232	0.0184	0.0183
Mg2790	279.079	{1 Y_3710	ppm	-0.0819	0.0505	61.74	-0.1176	-0.0461
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	26.11	0.0002	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0012	0.0017	149.3	-0.0001	0.0024
Mo2020	202.030	{4 Y_2243	ppm	0.0046	0.0002	4.793	0.0048	0.0045
Na5895	589.592	{ 5 Y_3710	ppm	29.08	0.4776	1.642	29.42	28.74
Na8183	818.326	{ 4 Y_3710	ppm	27.94	0.4429	1.585	28.26	27.63
Ni2316	231.604	{4 In2306	ppm	-0.0001	0.0002	157	-0.0002	0
P_1782	178.284	{4 In2306	ppm	0.0073	0.0011	15.54	0.0081	0.0065
Pb2203	220.353	{4 In2306	ppm	0.01	0.0008	7.981	0.0105	0.0094
S_1820	182.034	{4 Y_2243	ppm	-251.7	5.054	2.008	-255.3	-248.2
Sb2068	206.833	{4 Y_2243	ppm	0.0004	0.0013	360.9	-0.0006	0.0013
Se1960	196.090	{4 Y_2243	ppm	0.0019	0.0007	35.36	0.0024	0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0287	0.0329	114.8	0.0054	0.052
Sn1899	189.989	{4 In2306	ppm	0.0005	0.0001	14.19	0.0004	0.0005
Sr4215	421.552	{ 8 Y_3710	ppm	0.3457	0.0067	1.939	0.3505	0.341
Ti3349	334.904	{1 Y_3600	ppm	0.0014	0.0001	7.593	0.0013	0.0015
Tl1908	190.856	{4 In2306	ppm	0	0.0011	5780	0.0008	-0.0008
V_2924	292.402	{1 Y_3600	ppm	0	0.0001	297.7	-0.0001	0
Zn2062	206.200	{4 In2306	ppm	0.0193	0.0004	2.159	0.0196	0.019

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.98	1.0138	2.113	47.263	48.697
In2306	230.606	{4 Cts/S	8743.7	142.47	1.6294	8643	8844.4
Y_2243	224.306	{4 Cts/S	11863	208.75	1.7597	11715	12010
Y_3600	360.073	{ 9 Cts/S	101670	213.46	0.20996	101520	101820
Y_3710	371.030	{ 9 Cts/S	6779.1	80.224	1.1834	6722.3	6835.8

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4767	0	0.0023	0.4767	0.4767
Al3082	308.215	{1 In2306	ppm	10.15	1.121	11.05	10.94	9.352
As1890	189.042	{4 Y_2243	ppm	0.959	0.0073	0.7563	0.9641	0.9539
B_2496	249.678	{1 Y_3710	ppm	1.011	0.0881	8.712	1.073	0.9487
Ba4554	455.403	{ 7 Y_3710	ppm	1.133	0.1097	9.677	1.211	1.056
Be3130	313.042	{1 Y_3710	ppm	0.4944	0.0517	10.46	0.531	0.4579
Ca3158	315.887	{1 In2306	ppm	48.46	5.356	11.05	52.24	44.67
Ca3181	318.128	{1 In2306	ppm	47.7	5.389	11.3	51.51	43.89
Cd2288	228.802	{4 Y_2243	ppm	0.4656	0.0019	0.4031	0.467	0.4643
Co2286	228.616	{4 In2306	ppm	0.9303	0.0024	0.2621	0.932	0.9286
Cr2677	267.716	{1 Y_3600	ppm	0.9072	0.0036	0.402	0.9098	0.9046
Cu3247	324.754	{1 Y_3600	ppm	0.9405	0.005	0.5292	0.944	0.937
Fe2404	240.488	{1 In2306	ppm	9.591	1.118	11.66	10.38	8.801
K_7664	766.490	{ 4 Y_3710	ppm	11.37	0.9184	8.078	12.02	10.72
K_7698	769.896	{ 4 Y_3710	ppm	11	0.9316	8.469	11.66	10.34
Li6707	670.784	{ 5 Y_3710	ppm	1.119	0.0927	8.285	1.184	1.053
Mg2790	279.079	{1 Y_3710	ppm	10.52	1.172	11.14	11.34	9.687
Mn2576	257.610	{1 Y_3600	ppm	1.009	0.0021	0.2088	1.01	1.007
Mn2576-2	257.610	{1 Y_3710	ppm	1.099	0.1135	10.33	1.179	1.018
Mo2020	202.030	{4 Y_2243	ppm	0.9309	0.0061	0.655	0.9352	0.9265
Na5895	589.592	{ 5 Y_3710	ppm	150.2	5.157	3.433	153.8	146.6
Na8183	818.326	{ 4 Y_3710	ppm	158.3	14.54	9.181	168.6	148.1
Ni2316	231.604	{4 In2306	ppm	0.9543	0.0038	0.3931	0.957	0.9517
P_1782	178.284	{4 In2306	ppm	0.9955	0.0036	0.3598	0.993	0.998
Pb2203	220.353	{4 In2306	ppm	0.9594	0.0022	0.2335	0.961	0.9578
S_1820	182.034	{4 Y_2243	ppm	-42.95	0.7131	1.66	-42.44	-43.45
Sb2068	206.833	{4 Y_2243	ppm	0.9383	0.0086	0.9122	0.9444	0.9323
Se1960	196.090	{4 Y_2243	ppm	0.9743	0.0013	0.1304	0.9752	0.9734
Si2516	251.611	{1 Y_3710	ppm	1.361	0.0974	7.155	1.43	1.292
Sn1899	189.989	{4 In2306	ppm	0.9614	0.0035	0.3628	0.9639	0.959
Sr4215	421.552	{ 8 Y_3710	ppm	0.6514	0.0629	9.659	0.6959	0.6069
Ti3349	334.904	{1 Y_3600	ppm	0.9362	0.0054	0.5746	0.94	0.9324
Tl1908	190.856	{4 In2306	ppm	0.9421	0.006	0.6369	0.9463	0.9378
V_2924	292.402	{1 Y_3600	ppm	0.8933	0.0041	0.4551	0.8962	0.8904
Zn2062	206.200	{4 In2306	ppm	1.223	0.006	0.4945	1.227	1.219

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.802	4.1033	8.5839	44.9	50.703
In2306	230.606	{4 Cts/S	8898.3	10.43	0.11721	8890.9	8905.7
Y_2243	224.306	{4 Cts/S	12309	23.814	0.19347	12292	12326
Y_3600	360.073	{ 9 Cts/S	104900	293.47	0.27975	104700	105110
Y_3710	371.030	{ 9 Cts/S	6542	508.71	7.7761	6182.2	6901.7

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:08:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	78.34	0.0001	0.0002
Al3082	308.215	{1 In2306	ppm	0.0356	0.0215	60.44	0.0508	0.0204
As1890	189.042	{4 Y_2243	ppm	-0.0007	0.0005	77.71	-0.0011	-0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.001	0.0049	491	-0.0045	0.0025
Ba4554	455.403	{ 7 Y_3710	ppm	0.0211	0.0001	0.6859	0.021	0.0212
Be3130	313.042	{1 Y_3710	ppm	0.0003	0.0002	85.15	0.0004	0.0001
Ca3158	315.887	{1 In2306	ppm	7.732	0.4182	5.409	7.436	8.027
Ca3181	318.128	{1 In2306	ppm	7.616	0.3407	4.474	7.375	7.857
Cd2288	228.802	{4 Y_2243	ppm	0.0011	0.0006	51.18	0.0007	0.0015
Co2286	228.616	{4 In2306	ppm	0.0008	0.0011	130.3	0.0001	0.0016
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	5.681	-0.0003	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0013	0.0003	20.87	0.0015	0.0011
Fe2404	240.488	{1 In2306	ppm	-0.0019	0.0021	109	-0.0004	-0.0034
K_7664	766.490	{ 4 Y_3710	ppm	0.0307	0.0034	11.01	0.0331	0.0283
K_7698	769.896	{ 4 Y_3710	ppm	0.1372	0.0399	29.05	0.109	0.1654
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0003	92.9	0.0001	0.0006
Mg2790	279.079	{1 Y_3710	ppm	0.1931	0.0111	5.757	0.201	0.1853
Mn2576	257.610	{1 Y_3600	ppm	0.0225	0.0007	2.978	0.023	0.022
Mn2576-2	257.610	{1 Y_3710	ppm	0.0213	0.001	4.577	0.0206	0.022
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0015	65.3	0.0013	0.0035
Na5895	589.592	{ 5 Y_3710	ppm	29.31	0.1068	0.3645	29.38	29.23
Na8183	818.326	{ 4 Y_3710	ppm	28.32	0.2252	0.7951	28.16	28.48
Ni2316	231.604	{4 In2306	ppm	0.0011	0.001	92.04	0.0004	0.0018
P_1782	178.284	{4 In2306	ppm	0.0009	0.0006	67.19	0.0005	0.0013
Pb2203	220.353	{4 In2306	ppm	0.0059	0.0004	6.733	0.0056	0.0062
S_1820	182.034	{4 Y_2243	ppm	-8.133	0.0083	0.1026	-8.139	-8.127
Sb2068	206.833	{4 Y_2243	ppm	0.008	0.0017	21.46	0.0068	0.0092
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.0015	321.7	-0.0015	0.0006
Si2516	251.611	{1 Y_3710	ppm	0.089	0.0154	17.35	0.0999	0.0781
Sn1899	189.989	{4 In2306	ppm	0.0024	0.0014	59.66	0.0014	0.0034
Sr4215	421.552	{ 8 Y_3710	ppm	0.0268	0.0002	0.6585	0.0267	0.0269
Ti3349	334.904	{1 Y_3600	ppm	0.0023	0.0003	14.41	0.002	0.0025
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0014	390.9	-0.0014	0.0006
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0001	21.22	-0.0005	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.06	0.0021	3.558	0.0585	0.0615

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.906	2.4138	4.8368	51.613	48.199
In2306	230.606	{4 Cts/S	9741.2	169.96	1.7448	9861.4	9621
Y_2243	224.306	{4 Cts/S	12655	238.71	1.8863	12824	12486
Y_3600	360.073	{ 9 Cts/S	106060	2375.9	2.2402	104380	107740
Y_3710	371.030	{ 9 Cts/S	6981.4	18.362	0.26301	6994.4	6968.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.001	0.0001	4.888	0.001	0.0011
Al3082	308.215	{1 In2306	ppm	13.21	0.6226	4.714	13.65	12.77
As1890	189.042	{4 Y_2243	ppm	0.1738	0.0056	3.247	0.1778	0.1698
B_2496	249.678	{1 Y_3710	ppm	0.0059	0.0303	515.6	0.0273	-0.0156
Ba4554	455.403	{ 7 Y_3710	ppm	0.3807	0.0032	0.8415	0.3829	0.3784
Be3130	313.042	{1 Y_3710	ppm	0.0013	0.0001	6.841	0.0012	0.0013
Ca3158	315.887	{1 In2306	ppm	266.8	12.14	4.549	275.4	258.2
Ca3181	318.128	{1 In2306	ppm	267.7	13.04	4.87	276.9	258.5
Cd2288	228.802	{4 Y_2243	ppm	0.0388	0.0008	1.952	0.0393	0.0382
Co2286	228.616	{4 In2306	ppm	0.016	0.0001	0.6255	0.0161	0.0159
Cr2677	267.716	{1 Y_3600	ppm	0.0275	0.0003	1.261	0.0277	0.0272
Cu3247	324.754	{1 Y_3600	ppm	0.3548	0.001	0.2717	0.3541	0.3555
Fe2404	240.488	{1 In2306	ppm	49.91	2.396	4.8	51.61	48.22
K_7664	766.490	{ 4 Y_3710	ppm	1.872	0.0278	1.487	1.852	1.891
K_7698	769.896	{ 4 Y_3710	ppm	1.92	0.0241	1.255	1.937	1.903
Li6707	670.784	{ 5 Y_3710	ppm	0.0107	0.0002	1.413	0.0108	0.0106
Mg2790	279.079	{1 Y_3710	ppm	2.634	0.0496	1.882	2.669	2.599
Mn2576	257.610	{1 Y_3600	ppm	1.184	0.0024	0.2059	1.182	1.186
Mn2576-2	257.610	{1 Y_3710	ppm	1.241	0.016	1.293	1.252	1.229
Mo2020	202.030	{4 Y_2243	ppm	0.0043	0.0003	7.064	0.0045	0.004
Na5895	589.592	{ 5 Y_3710	ppm	0.8191	0.0058	0.7131	0.8232	0.8149
Na8183	818.326	{ 4 Y_3710	ppm	0.9678	0.041	4.239	0.9388	0.9968
Ni2316	231.604	{4 In2306	ppm	0.7583	0.0135	1.786	0.7679	0.7487
P_1782	178.284	{4 In2306	ppm	1.34	0.0185	1.379	1.353	1.327
Pb2203	220.353	{4 In2306	ppm	10.96	0.1611	1.47	11.07	10.84
S_1820	182.034	{4 Y_2243	ppm	-1441	28.75	1.994	-1462	-1421
Sb2068	206.833	{4 Y_2243	ppm	0.0471	0.0013	2.732	0.0462	0.048
Se1960	196.090	{4 Y_2243	ppm	0.01	0.0017	17.06	0.0113	0.0088
Si2516	251.611	{1 Y_3710	ppm	0.8618	0.0412	4.778	0.8909	0.8327
Sn1899	189.989	{4 In2306	ppm	0.103	0.002	1.964	0.1045	0.1016
Sr4215	421.552	{ 8 Y_3710	ppm	0.8634	0.0051	0.5849	0.867	0.8599
Ti3349	334.904	{1 Y_3600	ppm	0.0282	0.0003	1.118	0.028	0.0285
Tl1908	190.856	{4 In2306	ppm	-0.002	0.0008	38.2	-0.0026	-0.0015
V_2924	292.402	{1 Y_3600	ppm	0.0699	0.0001	0.1729	0.0698	0.07
Zn2062	206.200	{4 In2306	ppm	0.2215	0.0033	1.508	0.2238	0.2191

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.077	1.8082	3.6845	47.798	50.355
In2306	230.606	{4 Cts/S	8827.8	134.53	1.524	8732.7	8922.9
Y_2243	224.306	{4 Cts/S	12287	199.67	1.6251	12145	12428
Y_3600	360.073	{ 9 Cts/S	104600	49.251	0.04709	104560	104630
Y_3710	371.030	{ 9 Cts/S	6725	17.514	0.26043	6712.6	6737.4

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	96.15	-0.0003	-0.0001
Al3082	308.215	{1 In2306	ppm	19.71	0.3687	1.871	19.45	19.97
As1890	189.042	{4 Y_2243	ppm	0.1495	0.0034	2.29	0.1471	0.152
B_2496	249.678	{1 Y_3710	ppm	0.0863	0.0066	7.679	0.091	0.0816
Ba4554	455.403	{ 7 Y_3710	ppm	1.068	0.0218	2.036	1.053	1.084
Be3130	313.042	{1 Y_3710	ppm	0.0013	0	0.2308	0.0013	0.0013
Ca3158	315.887	{1 In2306	ppm	191.4	2.702	1.411	189.5	193.3
Ca3181	318.128	{1 In2306	ppm	191.6	2.562	1.338	189.8	193.4
Cd2288	228.802	{4 Y_2243	ppm	0.0781	0.0019	2.388	0.0767	0.0794
Co2286	228.616	{4 In2306	ppm	0.0274	0.0008	2.76	0.0269	0.0279
Cr2677	267.716	{1 Y_3600	ppm	0.0556	0.001	1.755	0.0563	0.0549
Cu3247	324.754	{1 Y_3600	ppm	2.209	0.0163	0.7358	2.22	2.197
Fe2404	240.488	{1 In2306	ppm	143	1.974	1.381	141.6	144.4
K_7664	766.490	{ 4 Y_3710	ppm	3.197	0.0831	2.598	3.138	3.255
K_7698	769.896	{ 4 Y_3710	ppm	3.153	0.077	2.443	3.098	3.207
Li6707	670.784	{ 5 Y_3710	ppm	0.0162	0.0009	5.746	0.0156	0.0169
Mg2790	279.079	{1 Y_3710	ppm	3.305	0.1049	3.174	3.231	3.38
Mn2576	257.610	{1 Y_3600	ppm	1.772	0.0192	1.086	1.786	1.758
Mn2576-2	257.610	{1 Y_3710	ppm	1.809	0.0357	1.972	1.784	1.835
Mo2020	202.030	{4 Y_2243	ppm	0.0243	0.0004	1.755	0.024	0.0246
Na5895	589.592	{ 5 Y_3710	ppm	4.719	0.1157	2.452	4.637	4.801
Na8183	818.326	{ 4 Y_3710	ppm	4.997	0.0492	0.9843	4.962	5.031
Ni2316	231.604	{4 In2306	ppm	0.1744	0.0071	4.078	0.1694	0.1794
P_1782	178.284	{4 In2306	ppm	1.713	0.0466	2.724	1.68	1.746
Pb2203	220.353	{4 In2306	ppm	13.35	0.3609	2.703	13.1	13.61
S_1820	182.034	{4 Y_2243	ppm	-7608	167.1	2.196	-7490	-7726
Sb2068	206.833	{4 Y_2243	ppm	0.0351	0	0.1313	0.0351	0.0351
Se1960	196.090	{4 Y_2243	ppm	0.0447	0.0015	3.359	0.0436	0.0458
Si2516	251.611	{1 Y_3710	ppm	1.016	0.0127	1.246	1.007	1.025
Sn1899	189.989	{4 In2306	ppm	1.083	0.0233	2.151	1.066	1.099
Sr4215	421.552	{ 8 Y_3710	ppm	0.6099	0.0127	2.075	0.6009	0.6188
Ti3349	334.904	{1 Y_3600	ppm	0.0615	0.0003	0.5382	0.0618	0.0613
Tl1908	190.856	{4 In2306	ppm	-0.0023	0.0004	17.86	-0.0026	-0.002
V_2924	292.402	{1 Y_3600	ppm	0.0938	0.0008	0.8145	0.0944	0.0933
Zn2062	206.200	{4 In2306	ppm	0.5023	0.0158	3.147	0.4912	0.5135

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.343	0.66414	1.3459	49.813	48.874
In2306	230.606	{4 Cts/S	8994.1	166.28	1.8488	9111.7	8876.5
Y_2243	224.306	{4 Cts/S	12421	211.68	1.7042	12570	12271
Y_3600	360.073	{ 9 Cts/S	103930	751.03	0.72264	103400	104460
Y_3710	371.030	{ 9 Cts/S	6806.9	138.98	2.0417	6905.2	6708.6

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Custom ID3=
Run Time=1/14/2012 13:16:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0	34.55	0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.0402	0.022	54.81	0.0558	0.0246
As1890	189.042	{4 Y_2243	ppm	-0.0022	0.0009	40.26	-0.0016	-0.0028
B_2496	249.678	{1 Y_3710	ppm	0.0025	0.004	164.5	0.0053	-0.0004
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0002	53.1	-0.0002	-0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	372.2	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.013	0.0099	76.56	-0.02	-0.0059
Ca3181	318.128	{1 In2306	ppm	0.0381	0.0479	125.6	0.0719	0.0043
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0.0003	104.1	0.0001	0.0005
Co2286	228.616	{4 In2306	ppm	0.0002	0.0002	87.34	0.0001	0.0003
Cr2677	267.716	{1 Y_3600	ppm	-0.0006	0.0002	24.25	-0.0007	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0001	38.81	0.0002	0.0001
Fe2404	240.488	{1 In2306	ppm	0.0112	0.0208	185.2	0.026	-0.0035
K_7664	766.490	{ 4 Y_3710	ppm	-0.009	0.0183	203.3	-0.0219	0.0039
K_7698	769.896	{ 4 Y_3710	ppm	0.1025	0.0711	69.36	0.1528	0.0522
Li6707	670.784	{ 5 Y_3710	ppm	0.0006	0.0005	75.06	0.0003	0.001
Mg2790	279.079	{1 Y_3710	ppm	-0.0261	0.0178	68.42	-0.0135	-0.0387
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	12.8	0.0002	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0008	0.0015	190.7	0.0003	-0.0019
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0002	63.67	0.0002	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	0.0358	0.009	25.14	0.0422	0.0294
Na8183	818.326	{ 4 Y_3710	ppm	0.2505	0.0437	17.44	0.2196	0.2814
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0008	307.6	-0.0003	0.0008
P_1782	178.284	{4 In2306	ppm	0.0041	0.0053	128.9	0.0004	0.0078
Pb2203	220.353	{4 In2306	ppm	0.0336	0.0443	132.1	0.0022	0.0649
S_1820	182.034	{4 Y_2243	ppm	-15.71	19.03	121.2	-2.25	-29.16
Sb2068	206.833	{4 Y_2243	ppm	0.0018	0.0006	34.9	0.0013	0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0012	154.7	-0.0016	0.0001
Si2516	251.611	{1 Y_3710	ppm	0.0373	0.0428	114.7	0.0676	0.007
Sn1899	189.989	{4 In2306	ppm	0.0052	0.0055	104.4	0.0014	0.0091
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0002	444	0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0001	0.0005	399.1	0.0005	-0.0002
Tl1908	190.856	{4 In2306	ppm	-0.0009	0.0005	51.18	-0.0006	-0.0013
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0002	325.4	0.0001	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0033	0.002	61.76	0.0019	0.0048

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.63	3.2098	6.6005	46.36	50.899
In2306	230.606	{4 Cts/S	10461	213.55	2.0415	10612	10310
Y_2243	224.306	{4 Cts/S	13225	284.57	2.1517	13426	13024
Y_3600	360.073	{ 9 Cts/S	114820	89.825	0.07823	114750	114880
Y_3710	371.030	{ 9 Cts/S	6906	470.75	6.8166	6573.1	7238.9

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Custom ID3=
Run Time=1/14/2012 13:18:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.494	0.0013	0.2584	0.4931	0.4949
Al3082	308.215	{1 In2306	ppm	10.43	0.8123	7.79	9.853	11
As1890	189.042	{4 Y_2243	ppm	0.9631	0.0117	1.219	0.9714	0.9548
B_2496	249.678	{1 Y_3710	ppm	1.02	0.0786	7.704	0.9642	1.075
Ba4554	455.403	{ 7 Y_3710	ppm	1.04	0.0903	8.687	0.9757	1.103
Be3130	313.042	{1 Y_3710	ppm	0.51	0.0415	8.137	0.4807	0.5394
Ca3158	315.887	{1 In2306	ppm	9.84	0.6364	6.468	9.39	10.29
Ca3181	318.128	{1 In2306	ppm	9.79	0.7588	7.75	9.253	10.33
Cd2288	228.802	{4 Y_2243	ppm	0.4742	0.0068	1.441	0.479	0.4693
Co2286	228.616	{4 In2306	ppm	0.9515	0.0123	1.289	0.9602	0.9429
Cr2677	267.716	{1 Y_3600	ppm	0.9619	0	0.0046	0.9618	0.9619
Cu3247	324.754	{1 Y_3600	ppm	0.9805	0.0038	0.3904	0.9832	0.9778
Fe2404	240.488	{1 In2306	ppm	9.9	0.6899	6.969	9.413	10.39
K_7664	766.490	{ 4 Y_3710	ppm	11.65	1.174	10.08	10.82	12.48
K_7698	769.896	{ 4 Y_3710	ppm	10.98	1.107	10.09	10.19	11.76
Li6707	670.784	{ 5 Y_3710	ppm	0.5848	0.0664	11.36	0.5378	0.6317
Mg2790	279.079	{1 Y_3710	ppm	9.681	0.7871	8.131	9.125	10.24
Mn2576	257.610	{1 Y_3600	ppm	0.9544	0.0022	0.2354	0.9529	0.956
Mn2576-2	257.610	{1 Y_3710	ppm	0.9908	0.0712	7.191	0.9404	1.041
Mo2020	202.030	{4 Y_2243	ppm	0.9887	0.0161	1.631	1	0.9773
Na5895	589.592	{ 5 Y_3710	ppm	11.49	1.199	10.43	10.64	12.34
Na8183	818.326	{ 4 Y_3710	ppm	10.53	0.8131	7.718	9.959	11.11
Ni2316	231.604	{4 In2306	ppm	0.9597	0.0121	1.261	0.9682	0.9511
P_1782	178.284	{4 In2306	ppm	0.0003	0.0014	562.7	-0.0008	0.0013
Pb2203	220.353	{4 In2306	ppm	0.9558	0.01	1.042	0.9628	0.9487
S_1820	182.034	{4 Y_2243	ppm	0.5087	0.3949	77.64	0.7879	0.2294
Sb2068	206.833	{4 Y_2243	ppm	0.9547	0.0165	1.724	0.9664	0.9431
Se1960	196.090	{4 Y_2243	ppm	0.9885	0.0113	1.143	0.9965	0.9805
Si2516	251.611	{1 Y_3710	ppm	0.9304	0.0995	10.7	0.86	1.001
Sn1899	189.989	{4 In2306	ppm	0.9853	0.0135	1.366	0.9948	0.9758
Sr4215	421.552	{ 8 Y_3710	ppm	0.5282	0.0451	8.548	0.4963	0.5601
Ti3349	334.904	{1 Y_3600	ppm	0.9885	0.003	0.3074	0.9863	0.9906
Tl1908	190.856	{4 In2306	ppm	0.9932	0.014	1.414	1.003	0.9832
V_2924	292.402	{1 Y_3600	ppm	0.9398	0.0028	0.3024	0.9378	0.9418
Zn2062	206.200	{4 In2306	ppm	0.9271	0.0106	1.146	0.9347	0.9196

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.298	2.9442	6.0959	50.379	46.216
In2306	230.606	{4 Cts/S	9734.5	96.494	0.99125	9666.3	9802.8
Y_2243	224.306	{4 Cts/S	12802	148.3	1.1584	12697	12907
Y_3600	360.073	{ 9 Cts/S	109580	24.958	0.02278	109560	109590
Y_3710	371.030	{ 9 Cts/S	6709.7	458.79	6.8377	7034.2	6385.3

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:21:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0004	398.5	0.0004	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0971	0.0371	38.22	0.0709	0.1233
As1890	189.042	{4 Y_2243	ppm	0.0081	0.0062	77.16	0.0037	0.0125
B_2496	249.678	{1 Y_3710	ppm	0.2755	0.0173	6.283	0.2632	0.2877
Ba4554	455.403	{ 7 Y_3710	ppm	0.1658	0.0136	8.205	0.1562	0.1755
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	10.64	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	64.26	5.643	8.781	60.27	68.25
Ca3181	318.128	{1 In2306	ppm	63.64	5.617	8.825	59.67	67.61
Cd2288	228.802	{4 Y_2243	ppm	0.0027	0.0032	121.2	0.0004	0.005
Co2286	228.616	{4 In2306	ppm	0.0064	0.0068	106.1	0.0016	0.0112
Cr2677	267.716	{1 Y_3600	ppm	0.0005	0.0003	53.28	0.0007	0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0033	0.0002	5.834	0.0031	0.0034
Fe2404	240.488	{1 In2306	ppm	0.0362	0.0075	20.69	0.0415	0.0309
K_7664	766.490	{ 4 Y_3710	ppm	25.51	1.897	7.435	24.17	26.86
K_7698	769.896	{ 4 Y_3710	ppm	24.82	1.868	7.527	23.5	26.14
Li6707	670.784	{ 5 Y_3710	ppm	0.0283	0.0029	10.32	0.0262	0.0304
Mg2790	279.079	{1 Y_3710	ppm	20.83	1.679	8.063	19.64	22.01
Mn2576	257.610	{1 Y_3600	ppm	0.0251	0.0001	0.2472	0.0251	0.025
Mn2576-2	257.610	{1 Y_3710	ppm	0.0248	0.0029	11.57	0.0228	0.0269
Mo2020	202.030	{4 Y_2243	ppm	0.2194	0.0066	3.026	0.2147	0.2241
Na5895	589.592	{ 5 Y_3710	ppm	389.2	37.23	9.566	362.8	415.5
Na8183	818.326	{ 4 Y_3710	ppm	433.6	34.27	7.903	409.4	457.8
Ni2316	231.604	{4 In2306	ppm	0.0214	0.0063	29.57	0.0169	0.0258
P_1782	178.284	{4 In2306	ppm	0.1245	0.0019	1.502	0.1258	0.1232
Pb2203	220.353	{4 In2306	ppm	0.0055	0.0049	90.64	0.002	0.0089
S_1820	182.034	{4 Y_2243	ppm	-42180	112.6	0.2668	-42260	-42100
Sb2068	206.833	{4 Y_2243	ppm	0.0252	0.007	27.71	0.0203	0.0301
Se1960	196.090	{4 Y_2243	ppm	0.007	0.0052	74.5	0.0033	0.0107
Si2516	251.611	{1 Y_3710	ppm	3.611	0.3567	9.879	3.358	3.863
Sn1899	189.989	{4 In2306	ppm	0.0082	0.0079	97.21	0.0026	0.0138
Sr4215	421.552	{ 8 Y_3710	ppm	0.8835	0.0719	8.14	0.8327	0.9344
Ti3349	334.904	{1 Y_3600	ppm	0.0026	0.0001	3.803	0.0027	0.0026
Tl1908	190.856	{4 In2306	ppm	0.0053	0.0087	163.9	-0.0008	0.0114
V_2924	292.402	{1 Y_3600	ppm	0.0081	0	0.448	0.0081	0.0081
Zn2062	206.200	{4 In2306	ppm	0.0197	0.0064	32.51	0.0152	0.0243

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.954	3.7006	7.5593	51.571	46.337
In2306	230.606	{4 Cts/S	8290.6	31.558	0.38064	8313	8268.3
Y_2243	224.306	{4 Cts/S	11625	73.628	0.63334	11677	11573
Y_3600	360.073	{ 9 Cts/S	97453	22.776	0.02337	97469	97437
Y_3710	371.030	{ 9 Cts/S	6965.4	449.83	6.4581	7283.5	6647.3

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:24:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0004	115.6	0.0001	0.0006
Al3082	308.215	{1 In2306	ppm	-0.0216	0.0191	88.24	-0.0351	-0.0081
As1890	189.042	{4 Y_2243	ppm	0.0024	0.0008	35.38	0.0018	0.003
B_2496	249.678	{1 Y_3710	ppm	0.2569	0.0229	8.898	0.2408	0.2731
Ba4554	455.403	{ 7 Y_3710	ppm	0.1606	0.0041	2.529	0.1577	0.1635
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0002	265.5	-0.0001	0.0002
Ca3158	315.887	{1 In2306	ppm	60.9	1.524	2.502	59.82	61.98
Ca3181	318.128	{1 In2306	ppm	60	1.392	2.319	59.02	60.99
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0.0003	99.97	0.0001	0.0005
Co2286	228.616	{4 In2306	ppm	0.0014	0.0004	32.57	0.0011	0.0017
Cr2677	267.716	{1 Y_3600	ppm	0.0003	0.0002	73.51	0.0005	0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.003	0.0003	8.794	0.0032	0.0028
Fe2404	240.488	{1 In2306	ppm	0.0353	0.0128	36.27	0.0444	0.0263
K_7664	766.490	{ 4 Y_3710	ppm	24.86	0.825	3.319	24.28	25.44
K_7698	769.896	{ 4 Y_3710	ppm	24.1	0.9447	3.919	23.44	24.77
Li6707	670.784	{ 5 Y_3710	ppm	0.0273	0.0016	5.884	0.0262	0.0284
Mg2790	279.079	{1 Y_3710	ppm	19.85	0.4919	2.479	19.5	20.19
Mn2576	257.610	{1 Y_3600	ppm	0.0236	0.0001	0.4183	0.0235	0.0236
Mn2576-2	257.610	{1 Y_3710	ppm	0.0234	0.0016	6.881	0.0245	0.0222
Mo2020	202.030	{4 Y_2243	ppm	0.2014	0.0045	2.251	0.2046	0.1982
Na5895	589.592	{ 5 Y_3710	ppm	370.4	6.407	1.73	365.9	375
Na8183	818.326	{ 4 Y_3710	ppm	420.6	12.61	2.999	411.7	429.5
Ni2316	231.604	{4 In2306	ppm	0.0149	0.0003	1.753	0.0148	0.0151
P_1782	178.284	{4 In2306	ppm	0.1164	0.0028	2.415	0.1184	0.1144
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0013	184.2	-0.0002	0.0016
S_1820	182.034	{4 Y_2243	ppm	-39890	1123	2.814	-40690	-39100
Sb2068	206.833	{4 Y_2243	ppm	0.0092	0.002	21.96	0.0078	0.0106
Se1960	196.090	{4 Y_2243	ppm	0.0014	0.0011	77.28	0.0006	0.0022
Si2516	251.611	{1 Y_3710	ppm	3.476	0.0763	2.195	3.422	3.53
Sn1899	189.989	{4 In2306	ppm	0.0008	0.0003	40.14	0.0006	0.001
Sr4215	421.552	{ 8 Y_3710	ppm	0.8577	0.0228	2.653	0.8416	0.8738
Ti3349	334.904	{1 Y_3600	ppm	0.001	0.0003	28.95	0.0013	0.0008
Tl1908	190.856	{4 In2306	ppm	-0.0002	0.001	489.8	-0.0009	0.0005
V_2924	292.402	{1 Y_3600	ppm	0.0073	0.0004	5.443	0.007	0.0076
Zn2062	206.200	{4 In2306	ppm	0.0126	0.0003	2.423	0.0124	0.0128

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.124	0.9336	1.9005	49.784	48.464
In2306	230.606	{4 Cts/S	8407.2	177.54	2.1118	8281.6	8532.7
Y_2243	224.306	{4 Cts/S	11778	261.95	2.224	11593	11963
Y_3600	360.073	{ 9 Cts/S	98795	373.88	0.37844	99059	98531
Y_3710	371.030	{ 9 Cts/S	6864	122.71	1.7877	6950.8	6777.3

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:26:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5106	0.002	0.3986	0.5092	0.512
Al3082	308.215	{1 In2306	ppm	10.16	0.1523	1.499	10.05	10.27
As1890	189.042	{4 Y_2243	ppm	0.9879	0.0063	0.6381	0.9924	0.9835
B_2496	249.678	{1 Y_3710	ppm	1.235	0.0062	0.4999	1.239	1.23
Ba4554	455.403	{ 7 Y_3710	ppm	1.141	0.0013	0.1123	1.141	1.14
Be3130	313.042	{1 Y_3710	ppm	0.4702	0.0006	0.133	0.4697	0.4706
Ca3158	315.887	{1 In2306	ppm	73.34	0.441	0.6014	73.03	73.65
Ca3181	318.128	{1 In2306	ppm	72.73	0.1548	0.2129	72.62	72.84
Cd2288	228.802	{4 Y_2243	ppm	0.4764	0.0028	0.5847	0.4784	0.4744
Co2286	228.616	{4 In2306	ppm	0.9534	0.0047	0.4879	0.9567	0.9502
Cr2677	267.716	{1 Y_3600	ppm	0.9091	0.0008	0.0905	0.9085	0.9096
Cu3247	324.754	{1 Y_3600	ppm	0.9717	0.0059	0.6052	0.9676	0.9759
Fe2404	240.488	{1 In2306	ppm	9.663	0.0975	1.009	9.594	9.732
K_7664	766.490	{ 4 Y_3710	ppm	36.06	0.1366	0.3788	35.96	36.15
K_7698	769.896	{ 4 Y_3710	ppm	35.15	0.0215	0.0611	35.16	35.13
Li6707	670.784	{ 5 Y_3710	ppm	0.5518	0.0037	0.6653	0.5492	0.5544
Mg2790	279.079	{1 Y_3710	ppm	29.81	0.0305	0.1023	29.84	29.79
Mn2576	257.610	{1 Y_3600	ppm	0.9296	0.0033	0.3519	0.9273	0.932
Mn2576-2	257.610	{1 Y_3710	ppm	0.9501	0.0012	0.129	0.9492	0.951
Mo2020	202.030	{4 Y_2243	ppm	1.14	0.0074	0.649	1.145	1.134
Na5895	589.592	{ 5 Y_3710	ppm	395.7	0.9584	0.2422	396.4	395
Na8183	818.326	{ 4 Y_3710	ppm	441.7	0.2636	0.0597	441.8	441.5
Ni2316	231.604	{4 In2306	ppm	0.9699	0.0044	0.4558	0.973	0.9667
P_1782	178.284	{4 In2306	ppm	0.1194	0.0008	0.6426	0.1188	0.1199
Pb2203	220.353	{4 In2306	ppm	0.9338	0.0007	0.0707	0.9343	0.9334
S_1820	182.034	{4 Y_2243	ppm	-40520	12.24	0.0302	-40510	-40530
Sb2068	206.833	{4 Y_2243	ppm	0.9652	0.0081	0.8432	0.971	0.9595
Se1960	196.090	{4 Y_2243	ppm	1.023	0.0048	0.4736	1.027	1.02
Si2516	251.611	{1 Y_3710	ppm	4.481	0.0276	0.6153	4.461	4.5
Sn1899	189.989	{4 In2306	ppm	0.9819	0.0037	0.3761	0.9845	0.9793
Sr4215	421.552	{ 8 Y_3710	ppm	1.366	0.0009	0.0655	1.367	1.365
Ti3349	334.904	{1 Y_3600	ppm	0.9574	0.0001	0.0139	0.9575	0.9573
Tl1908	190.856	{4 In2306	ppm	0.9253	0.0069	0.7475	0.9302	0.9204
V_2924	292.402	{1 Y_3600	ppm	0.9197	0.0081	0.8769	0.914	0.9254
Zn2062	206.200	{4 In2306	ppm	0.9774	0.0044	0.4532	0.9805	0.9743

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.501	0.61764	1.3003	47.938	47.064
In2306	230.606	{4 Cts/S	8276.6	0.09767	0.00118	8276.5	8276.7
Y_2243	224.306	{4 Cts/S	11759	8.5788	0.07295	11753	11765
Y_3600	360.073	{ 9 Cts/S	98473	364.7	0.37036	98731	98215
Y_3710	371.030	{ 9 Cts/S	6813.3	18.089	0.2655	6826.1	6800.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2412	0.0024	1.004	0.2394	0.2429
Al3082	308.215	{1 In2306	ppm	2.406	0.0534	2.217	2.369	2.444
As1890	189.042	{4 Y_2243	ppm	0.4767	0.0002	0.0383	0.4766	0.4769
B_2496	249.678	{1 Y_3710	ppm	0.467	0.0132	2.831	0.4577	0.4764
Ba4554	455.403	{ 7 Y_3710	ppm	0.4786	0.013	2.71	0.4695	0.4878
Be3130	313.042	{1 Y_3710	ppm	0.4769	0.0126	2.641	0.468	0.4858
Ca3158	315.887	{1 In2306	ppm	11.38	0.3771	3.314	11.11	11.65
Ca3181	318.128	{1 In2306	ppm	11.3	0.4538	4.015	10.98	11.62
Cd2288	228.802	{4 Y_2243	ppm	0.4693	0.0012	0.2596	0.4701	0.4684
Co2286	228.616	{4 In2306	ppm	0.4748	0.0007	0.1507	0.4743	0.4753
Cr2677	267.716	{1 Y_3600	ppm	0.4826	0.0032	0.6593	0.4804	0.4849
Cu3247	324.754	{1 Y_3600	ppm	0.4807	0.0066	1.364	0.4761	0.4853
Fe2404	240.488	{1 In2306	ppm	2.288	0.0648	2.831	2.242	2.334
K_7664	766.490	{ 4 Y_3710	ppm	13.15	0.3116	2.37	12.93	13.37
K_7698	769.896	{ 4 Y_3710	ppm	12.53	0.3254	2.597	12.3	12.76
Li6707	670.784	{ 5 Y_3710	ppm	0.5148	0.0124	2.415	0.506	0.5236
Mg2790	279.079	{1 Y_3710	ppm	4.534	0.1454	3.206	4.431	4.637
Mn2576	257.610	{1 Y_3600	ppm	0.4781	0.0051	1.066	0.4745	0.4817
Mn2576-2	257.610	{1 Y_3710	ppm	0.4625	0.0146	3.155	0.4522	0.4728
Mo2020	202.030	{4 Y_2243	ppm	0.4954	0.0008	0.1699	0.496	0.4948
Na5895	589.592	{ 5 Y_3710	ppm	12.96	0.3189	2.461	12.73	13.19
Na8183	818.326	{ 4 Y_3710	ppm	12.14	0.1594	1.313	12.03	12.25
Ni2316	231.604	{4 In2306	ppm	0.4813	0.0004	0.087	0.481	0.4816
P_1782	178.284	{4 In2306	ppm	0.0001	0.0008	1268	0.0007	-0.0005
Pb2203	220.353	{4 In2306	ppm	0.4786	0.0007	0.1497	0.4791	0.4781
S_1820	182.034	{4 Y_2243	ppm	-302.5	22.88	7.564	-286.4	-318.7
Sb2068	206.833	{4 Y_2243	ppm	0.4904	0.0014	0.2895	0.4914	0.4894
Se1960	196.090	{4 Y_2243	ppm	0.4918	0.0021	0.4329	0.4933	0.4903
Si2516	251.611	{1 Y_3710	ppm	0.8706	0.0289	3.317	0.8502	0.891
Sn1899	189.989	{4 In2306	ppm	0.4926	0	0.0009	0.4926	0.4926
Sr4215	421.552	{ 8 Y_3710	ppm	0.2454	0.0061	2.502	0.2411	0.2498
Ti3349	334.904	{1 Y_3600	ppm	0.499	0.0033	0.661	0.4967	0.5013
Tl1908	190.856	{4 In2306	ppm	0.5008	0.0023	0.4609	0.5024	0.4992
V_2924	292.402	{1 Y_3600	ppm	0.4666	0.0061	1.297	0.4624	0.4709
Zn2062	206.200	{4 In2306	ppm	0.4687	0.0005	0.1034	0.4684	0.469

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.404	1.3	2.5289	52.323	50.485
In2306	230.606	{4 Cts/S	9744.4	5.1367	0.05271	9748	9740.7
Y_2243	224.306	{4 Cts/S	12810	0.83579	0.00652	12810	12811
Y_3600	360.073	{ 9 Cts/S	109130	1053.8	0.96568	109870	108380
Y_3710	371.030	{ 9 Cts/S	7005.8	122.73	1.7518	7092.6	6919

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:31:46
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0004	7.438	0.0046	0.0051
Al3082	308.215	{1 In2306	ppm	0.0633	0.0624	98.61	0.0191	0.1074
As1890	189.042	{4 Y_2243	ppm	0.0086	0.0005	5.954	0.0082	0.0089
B_2496	249.678	{1 Y_3710	ppm	0.006	0.0037	61.69	0.0087	0.0034
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0.0002	1.843	0.0093	0.0096
Be3130	313.042	{1 Y_3710	ppm	0.0047	0.0001	1.558	0.0047	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0737	0.0176	23.94	0.0612	0.0862
Ca3181	318.128	{1 In2306	ppm	0.1258	0.0115	9.102	0.1339	0.1177
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0006	11.39	0.0048	0.0057
Co2286	228.616	{4 In2306	ppm	0.0098	0.0006	5.764	0.0094	0.0102
Cr2677	267.716	{1 Y_3600	ppm	0.0091	0.0003	3.669	0.0089	0.0093
Cu3247	324.754	{1 Y_3600	ppm	0.0095	0.0006	6.265	0.0099	0.0091
Fe2404	240.488	{1 In2306	ppm	0.0918	0.0015	1.639	0.0929	0.0907
K_7664	766.490	{ 4 Y_3710	ppm	0.648	0.02	3.082	0.6621	0.6338
K_7698	769.896	{ 4 Y_3710	ppm	0.7551	0.0045	0.5906	0.7582	0.7519
Li6707	670.784	{ 5 Y_3710	ppm	0.0095	0.0011	11.8	0.0103	0.0087
Mg2790	279.079	{1 Y_3710	ppm	0.0486	0.0197	40.48	0.0625	0.0347
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0	0.1722	0.0098	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0097	0.0001	1.356	0.0096	0.0098
Mo2020	202.030	{4 Y_2243	ppm	0.0118	0.0011	9.686	0.011	0.0127
Na5895	589.592	{ 5 Y_3710	ppm	0.6642	0.0001	0.0152	0.6642	0.6643
Na8183	818.326	{ 4 Y_3710	ppm	0.7527	0.0048	0.6365	0.756	0.7493
Ni2316	231.604	{4 In2306	ppm	0.0104	0.0005	4.866	0.01	0.0107
P_1782	178.284	{4 In2306	ppm	0.0089	0.0001	0.939	0.009	0.0088
Pb2203	220.353	{4 In2306	ppm	0.01	0.0005	5.151	0.0097	0.0104
S_1820	182.034	{4 Y_2243	ppm	-4.276	0.386	9.026	-4.549	-4.003
Sb2068	206.833	{4 Y_2243	ppm	0.0209	0.0006	2.816	0.0204	0.0213
Se1960	196.090	{4 Y_2243	ppm	0.0103	0.0008	7.567	0.0109	0.0098
Si2516	251.611	{1 Y_3710	ppm	0.0241	0.0238	98.49	0.041	0.0073
Sn1899	189.989	{4 In2306	ppm	0.0107	0.0006	6.033	0.0102	0.0111
Sr4215	421.552	{ 8 Y_3710	ppm	0.0046	0.0002	5.165	0.0045	0.0048
Ti3349	334.904	{1 Y_3600	ppm	0.0108	0.0003	3.189	0.011	0.0105
Tl1908	190.856	{4 In2306	ppm	0.0106	0.0016	15.05	0.0095	0.0117
V_2924	292.402	{1 Y_3600	ppm	0.0091	0.0001	1.168	0.009	0.0092
Zn2062	206.200	{4 In2306	ppm	0.0097	0.0006	6.012	0.0093	0.0101

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.184	1.3622	2.6104	53.147	51.221
In2306	230.606	{4 Cts/S	10241	92.399	0.90224	10176	10306
Y_2243	224.306	{4 Cts/S	12932	105.17	0.81328	12858	13006
Y_3600	360.073	{ 9 Cts/S	113440	181.83	0.16029	113310	113570
Y_3710	371.030	{ 9 Cts/S	7057.2	34.437	0.48797	7081.5	7032.8

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:34:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0004	0.0004	123.5	0	0.0007
Al3082	308.215	{1 In2306	ppm	-0.0239	0.04	167.4	-0.0521	0.0044
As1890	189.042	{4 Y_2243	ppm	-0.0009	0.0016	183.3	0.0003	-0.002
B_2496	249.678	{1 Y_3710	ppm	-0.0117	0.0145	123.3	-0.022	-0.0015
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0	23	-0.0001	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	222.1	0	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0051	0.0062	120.9	-0.0007	-0.0095
Ca3181	318.128	{1 In2306	ppm	0.0238	0.1056	442.9	-0.0508	0.0985
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	39.5	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0	0	167	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0003	70.13	-0.0006	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0002	200.2	0.0002	0
Fe2404	240.488	{1 In2306	ppm	0.0321	0.0078	24.36	0.0266	0.0376
K_7664	766.490	{ 4 Y_3710	ppm	0.0184	0.0216	117.4	0.0337	0.0031
K_7698	769.896	{ 4 Y_3710	ppm	0.1824	0.0535	29.34	0.1446	0.2203
Li6707	670.784	{ 5 Y_3710	ppm	0.0001	0	41.06	0.0001	0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.0515	0.0853	165.5	-0.1118	0.0088
Mn2576	257.610	{1 Y_3600	ppm	0	0	47.74	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0012	0.0005	41.82	-0.0008	-0.0015
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0	6.795	0.0004	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.0457	0.0019	4.071	0.0444	0.047
Na8183	818.326	{ 4 Y_3710	ppm	0.4317	0.0354	8.203	0.4568	0.4067
Ni2316	231.604	{4 In2306	ppm	0.0003	0.0001	33.61	0.0003	0.0002
P_1782	178.284	{4 In2306	ppm	0.0003	0.0002	64.97	0.0001	0.0004
Pb2203	220.353	{4 In2306	ppm	0.001	0.001	103.4	0.0003	0.0017
S_1820	182.034	{4 Y_2243	ppm	-2.536	0.5302	20.91	-2.911	-2.161
Sb2068	206.833	{4 Y_2243	ppm	0.002	0.0002	11.61	0.0019	0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0003	44.65	-0.001	-0.0005
Si2516	251.611	{1 Y_3710	ppm	0.0215	0.0184	85.66	0.0085	0.0346
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	186.3	0.0002	0
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	38.31	-0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0001	0.0003	178.2	0	-0.0003
Tl1908	190.856	{4 In2306	ppm	-0.0003	0.0005	147.4	-0.0007	0
V_2924	292.402	{1 Y_3600	ppm	-0.0005	0	6.96	-0.0004	-0.0005
Zn2062	206.200	{4 In2306	ppm	0	0.0001	725.3	0.0001	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.868	1.3543	2.7158	50.826	48.911
In2306	230.606	{4 Cts/S	10236	260.23	2.5422	10052	10420
Y_2243	224.306	{4 Cts/S	12867	341.71	2.6558	12625	13108
Y_3600	360.073	{ 9 Cts/S	112390	2918.6	2.5967	114460	110330
Y_3710	371.030	{ 9 Cts/S	6909.1	119.87	1.7349	6993.8	6824.3

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:37:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5088	0.0052	1.031	0.5125	0.5051
Al3082	308.215	{1 In2306	ppm	9.298	0.377	4.055	9.565	9.032
As1890	189.042	{4 Y_2243	ppm	1.003	0.0022	0.2155	1.002	1.005
B_2496	249.678	{1 Y_3710	ppm	1.212	0.0195	1.612	1.198	1.226
Ba4554	455.403	{ 7 Y_3710	ppm	1.137	0.0058	0.512	1.141	1.133
Be3130	313.042	{1 Y_3710	ppm	0.4686	0.0004	0.09	0.4683	0.4689
Ca3158	315.887	{1 In2306	ppm	66.25	1.349	2.036	67.21	65.3
Ca3181	318.128	{1 In2306	ppm	65.43	1.644	2.512	66.6	64.27
Cd2288	228.802	{4 Y_2243	ppm	0.4808	0.0001	0.0184	0.4807	0.4809
Co2286	228.616	{4 In2306	ppm	0.9671	0.0013	0.1313	0.9662	0.968
Cr2677	267.716	{1 Y_3600	ppm	0.9052	0.0012	0.1318	0.9061	0.9044
Cu3247	324.754	{1 Y_3600	ppm	0.9646	0.0154	1.599	0.9755	0.9537
Fe2404	240.488	{1 In2306	ppm	8.798	0.2332	2.65	8.963	8.633
K_7664	766.490	{ 4 Y_3710	ppm	36.28	0.024	0.0661	36.26	36.29
K_7698	769.896	{ 4 Y_3710	ppm	35.14	0.0071	0.0203	35.14	35.15
Li6707	670.784	{ 5 Y_3710	ppm	0.5582	0.0014	0.2475	0.5592	0.5572
Mg2790	279.079	{1 Y_3710	ppm	29.24	0.2118	0.7244	29.09	29.39
Mn2576	257.610	{1 Y_3600	ppm	0.9281	0.0008	0.0853	0.9287	0.9276
Mn2576-2	257.610	{1 Y_3710	ppm	0.9438	0.0115	1.219	0.9357	0.9519
Mo2020	202.030	{4 Y_2243	ppm	1.152	0.0021	0.1791	1.153	1.15
Na5895	589.592	{ 5 Y_3710	ppm	398	7.109	1.786	403	393
Na8183	818.326	{ 4 Y_3710	ppm	438.5	0.5332	0.1216	438.1	438.9
Ni2316	231.604	{4 In2306	ppm	0.9884	0.002	0.198	0.9898	0.987
P_1782	178.284	{4 In2306	ppm	0.1198	0.0003	0.2226	0.1196	0.12
Pb2203	220.353	{4 In2306	ppm	0.949	0.0051	0.541	0.9454	0.9527
S_1820	182.034	{4 Y_2243	ppm	-40700	43.1	0.1059	-40670	-40730
Sb2068	206.833	{4 Y_2243	ppm	0.9804	0.0054	0.5519	0.9843	0.9766
Se1960	196.090	{4 Y_2243	ppm	1.039	0.0053	0.5085	1.036	1.043
Si2516	251.611	{1 Y_3710	ppm	4.416	0.0106	0.2408	4.424	4.409
Sn1899	189.989	{4 In2306	ppm	1.001	0.0021	0.2054	1.002	0.9992
Sr4215	421.552	{ 8 Y_3710	ppm	1.358	0.0022	0.1591	1.36	1.357
Ti3349	334.904	{1 Y_3600	ppm	0.9484	0.0035	0.3694	0.9509	0.946
Tl1908	190.856	{4 In2306	ppm	0.9365	0.0042	0.4525	0.9395	0.9335
V_2924	292.402	{1 Y_3600	ppm	0.913	0.0074	0.8067	0.9182	0.9078
Zn2062	206.200	{4 In2306	ppm	0.9902	0.002	0.2047	0.9888	0.9916

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.655	1.5699	3.0391	50.545	52.765
In2306	230.606	{4 Cts/S	8143.5	16.44	0.20188	8155.1	8131.9
Y_2243	224.306	{4 Cts/S	11580	30.92	0.26702	11601	11558
Y_3600	360.073	{ 9 Cts/S	98884	426.32	0.43113	98583	99186
Y_3710	371.030	{ 9 Cts/S	6822.3	31.342	0.45941	6844.4	6800.1

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:39:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5001	0.0048	0.961	0.5035	0.4967
Al3082	308.215	{1 In2306	ppm	9.891	0.365	3.691	10.15	9.633
As1890	189.042	{4 Y_2243	ppm	0.998	0.0105	1.057	1.005	0.9905
B_2496	249.678	{1 Y_3710	ppm	1.228	0.0774	6.3	1.283	1.173
Ba4554	455.403	{ 7 Y_3710	ppm	1.146	0.076	6.633	1.2	1.093
Be3130	313.042	{1 Y_3710	ppm	0.4654	0.0346	7.426	0.4898	0.4409
Ca3158	315.887	{1 In2306	ppm	71.15	2.335	3.282	72.8	69.5
Ca3181	318.128	{1 In2306	ppm	70.64	2.563	3.629	72.45	68.83
Cd2288	228.802	{4 Y_2243	ppm	0.477	0.0028	0.5918	0.479	0.4751
Co2286	228.616	{4 In2306	ppm	0.9487	0.0083	0.8733	0.9546	0.9429
Cr2677	267.716	{1 Y_3600	ppm	0.9058	0.0129	1.426	0.915	0.8967
Cu3247	324.754	{1 Y_3600	ppm	0.9593	0.0081	0.8472	0.965	0.9535
Fe2404	240.488	{1 In2306	ppm	9.165	0.444	4.845	9.479	8.851
K_7664	766.490	{ 4 Y_3710	ppm	36.93	2.557	6.924	38.74	35.13
K_7698	769.896	{ 4 Y_3710	ppm	35.89	2.493	6.945	37.65	34.13
Li6707	670.784	{ 5 Y_3710	ppm	1.093	0.0755	6.91	1.147	1.04
Mg2790	279.079	{1 Y_3710	ppm	29.9	1.931	6.458	31.27	28.54
Mn2576	257.610	{1 Y_3600	ppm	0.9353	0.0127	1.363	0.9444	0.9263
Mn2576-2	257.610	{1 Y_3710	ppm	0.9623	0.0725	7.538	1.014	0.911
Mo2020	202.030	{4 Y_2243	ppm	1.138	0.012	1.059	1.146	1.129
Na5895	589.592	{ 5 Y_3710	ppm	401.6	39.87	9.926	429.8	373.4
Na8183	818.326	{ 4 Y_3710	ppm	449.7	29.37	6.531	470.4	428.9
Ni2316	231.604	{4 In2306	ppm	0.9833	0.0104	1.059	0.9907	0.976
P_1782	178.284	{4 In2306	ppm	1.197	0.0179	1.491	1.21	1.184
Pb2203	220.353	{4 In2306	ppm	0.9383	0.0126	1.348	0.9473	0.9294
S_1820	182.034	{4 Y_2243	ppm	-41190	355.8	0.8639	-41440	-40940
Sb2068	206.833	{4 Y_2243	ppm	0.9943	0.0134	1.348	1.004	0.9848
Se1960	196.090	{4 Y_2243	ppm	1.014	0.0066	0.647	1.019	1.009
Si2516	251.611	{1 Y_3710	ppm	4.637	0.3233	6.973	4.865	4.408
Sn1899	189.989	{4 In2306	ppm	0.98	0.0116	1.181	0.9882	0.9718
Sr4215	421.552	{ 8 Y_3710	ppm	1.379	0.0946	6.86	1.446	1.312
Ti3349	334.904	{1 Y_3600	ppm	0.9419	0.0117	1.238	0.9502	0.9337
Tl1908	190.856	{4 In2306	ppm	0.9192	0.0109	1.183	0.9269	0.9115
V_2924	292.402	{1 Y_3600	ppm	0.9014	0.0106	1.172	0.9089	0.8939
Zn2062	206.200	{4 In2306	ppm	0.9839	0.0118	1.197	0.9923	0.9756

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.626	1.1614	2.3885	47.805	49.448
In2306	230.606	{4 Cts/S	8166.7	47.749	0.58468	8132.9	8200.4
Y_2243	224.306	{4 Cts/S	11632	40.633	0.34932	11603	11661
Y_3600	360.073	{ 9 Cts/S	98813	743.06	0.75198	98288	99339
Y_3710	371.030	{ 9 Cts/S	6751.1	398.87	5.9083	6469.1	7033.2

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:42:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0008	1128	0.0007	-0.0005
Al3082	308.215	{1 In2306	ppm	0.0087	0.0398	455.4	-0.0194	0.0369
As1890	189.042	{4 Y_2243	ppm	0.0014	0.0033	232.3	-0.0009	0.0038
B_2496	249.678	{1 Y_3710	ppm	0.0565	0.0092	16.34	0.05	0.0631
Ba4554	455.403	{ 7 Y_3710	ppm	0.0341	0.0015	4.327	0.033	0.0351
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	21.61	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	12.62	0.6445	5.105	12.17	13.08
Ca3181	318.128	{1 In2306	ppm	12.6	0.7604	6.037	12.06	13.13
Cd2288	228.802	{4 Y_2243	ppm	0.0012	0.0014	121	0.0002	0.0022
Co2286	228.616	{4 In2306	ppm	0.0025	0.0031	123.2	0.0003	0.0047
Cr2677	267.716	{1 Y_3600	ppm	0.0001	0.0001	118.7	0	0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0009	0.0003	31.82	0.0007	0.0011
Fe2404	240.488	{1 In2306	ppm	0.0146	0.0134	91.77	0.0241	0.0051
K_7664	766.490	{ 4 Y_3710	ppm	5.421	0.1502	2.771	5.315	5.527
K_7698	769.896	{ 4 Y_3710	ppm	5.24	0.1856	3.542	5.109	5.372
Li6707	670.784	{ 5 Y_3710	ppm	0.0064	0.0003	4.491	0.0062	0.0066
Mg2790	279.079	{1 Y_3710	ppm	4.115	0.1313	3.191	4.022	4.207
Mn2576	257.610	{1 Y_3600	ppm	0.0051	0	0.1906	0.0051	0.0051
Mn2576-2	257.610	{1 Y_3710	ppm	0.0033	0.0022	66.25	0.0049	0.0018
Mo2020	202.030	{4 Y_2243	ppm	0.0478	0.004	8.314	0.0449	0.0506
Na5895	589.592	{ 5 Y_3710	ppm	91.22	2.816	3.088	89.23	93.21
Na8183	818.326	{ 4 Y_3710	ppm	89.55	3.025	3.379	87.41	91.69
Ni2316	231.604	{4 In2306	ppm	0.0053	0.0033	61.88	0.003	0.0077
P_1782	178.284	{4 In2306	ppm	0.024	0.0025	10.27	0.0223	0.0258
Pb2203	220.353	{4 In2306	ppm	0.0032	0.0013	40.84	0.0023	0.0041
S_1820	182.034	{4 Y_2243	ppm	-8176	95.86	1.173	-8243	-8108
Sb2068	206.833	{4 Y_2243	ppm	0.0156	0.0043	27.89	0.0125	0.0186
Se1960	196.090	{4 Y_2243	ppm	0.0022	0.0022	97.62	0.0007	0.0038
Si2516	251.611	{1 Y_3710	ppm	0.7559	0.0311	4.112	0.7339	0.7779
Sn1899	189.989	{4 In2306	ppm	0.0039	0.004	102.8	0.0011	0.0068
Sr4215	421.552	{ 8 Y_3710	ppm	0.1833	0.0069	3.74	0.1785	0.1882
Ti3349	334.904	{1 Y_3600	ppm	0.0016	0.0005	31.91	0.0012	0.0019
Tl1908	190.856	{4 In2306	ppm	0.0021	0.0024	113.1	0.0004	0.0037
V_2924	292.402	{1 Y_3600	ppm	0.0014	0.0002	14.32	0.0012	0.0015
Zn2062	206.200	{4 In2306	ppm	0.0073	0.0028	39.27	0.0052	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.818	2.262	4.5405	51.418	48.219
In2306	230.606	{4 Cts/S	9402.9	138.72	1.4752	9304.9	9501
Y_2243	224.306	{4 Cts/S	12525	201.58	1.6093	12383	12668
Y_3600	360.073	{ 9 Cts/S	105620	353.25	0.33445	105370	105870
Y_3710	371.030	{ 9 Cts/S	6822.4	212.23	3.1107	6972.4	6672.3

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2435	0.0036	1.463	0.241	0.246
Al3082	308.215 {1	In2306	ppm	2.509	0.0206	0.8198	2.524	2.495
As1890	189.042 {4	Y_2243	ppm	0.4803	0.0149	3.095	0.4908	0.4698
B_2496	249.678 {1	Y_3710	ppm	0.464	0.0044	0.948	0.4671	0.4609
Ba4554	455.403 {	Y_3710	ppm	0.4864	0.0057	1.176	0.4904	0.4824
Be3130	313.042 {1	Y_3710	ppm	0.4772	0.0033	0.691	0.4795	0.4748
Ca3158	315.887 {1	In2306	ppm	12.15	0.2157	1.775	12.3	12
Ca3181	318.128 {1	In2306	ppm	11.97	0.2093	1.748	12.12	11.83
Cd2288	228.802 {4	Y_2243	ppm	0.4686	0.0111	2.371	0.4764	0.4607
Co2286	228.616 {4	In2306	ppm	0.4744	0.0098	2.062	0.4813	0.4675
Cr2677	267.716 {1	Y_3600	ppm	0.4774	0.0068	1.419	0.4726	0.4821
Cu3247	324.754 {1	Y_3600	ppm	0.4855	0.006	1.232	0.4812	0.4897
Fe2404	240.488 {1	In2306	ppm	2.414	0.0752	3.114	2.467	2.361
K_7664	766.490 {	Y_3710	ppm	13.3	0.1415	1.064	13.4	13.2
K_7698	769.896 {	Y_3710	ppm	12.55	0.1118	0.8913	12.62	12.47
Li6707	670.784 {	Y_3710	ppm	0.5181	0.0056	1.084	0.522	0.5141
Mg2790	279.079 {1	Y_3710	ppm	4.572	0.0022	0.0481	4.573	4.57
Mn2576	257.610 {1	Y_3600	ppm	0.4806	0.0056	1.162	0.4767	0.4846
Mn2576-2	257.610 {1	Y_3710	ppm	0.4704	0.0047	1.003	0.4737	0.467
Mo2020	202.030 {4	Y_2243	ppm	0.4937	0.0132	2.667	0.503	0.4844
Na5895	589.592 {	Y_3710	ppm	13	0.124	0.9543	13.08	12.91
Na8183	818.326 {	Y_3710	ppm	12.32	0.1677	1.362	12.44	12.2
Ni2316	231.604 {4	In2306	ppm	0.4808	0.0109	2.27	0.4885	0.4731
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0016	173.1	0.0002	-0.0021
Pb2203	220.353 {4	In2306	ppm	0.4772	0.0093	1.952	0.4838	0.4706
S_1820	182.034 {4	Y_2243	ppm	-287.5	4.331	1.506	-290.6	-284.4
Sb2068	206.833 {4	Y_2243	ppm	0.4821	0.012	2.479	0.4906	0.4737
Se1960	196.090 {4	Y_2243	ppm	0.4966	0.0135	2.715	0.5062	0.4871
Si2516	251.611 {1	Y_3710	ppm	0.8728	0.016	1.835	0.8615	0.8841
Sn1899	189.989 {4	In2306	ppm	0.4893	0.0116	2.38	0.4976	0.4811
Sr4215	421.552 {	Y_3710	ppm	0.2485	0.0028	1.117	0.2505	0.2465
Ti3349	334.904 {1	Y_3600	ppm	0.4958	0.0059	1.194	0.4916	0.4999
Tl1908	190.856 {4	In2306	ppm	0.4984	0.0085	1.711	0.5045	0.4924
V_2924	292.402 {1	Y_3600	ppm	0.4694	0.0044	0.938	0.4663	0.4725
Zn2062	206.200 {4	In2306	ppm	0.4655	0.0099	2.117	0.4725	0.4585

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.876	1.0678	2.1848	48.121	49.631
In2306	230.606 {4	Cts/S	9684.4	155.7	1.6077	9574.3	9794.5
Y_2243	224.306 {4	Cts/S	12715	242.19	1.9048	12543	12886
Y_3600	360.073 {	Cts/S	108860	1015.3	0.93273	109570	108140
Y_3710	371.030 {	Cts/S	6999.5	64.92	0.9275	6953.6	7045.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0001	2.277	0.005	0.0048
Al3082	308.215	{1 In2306	ppm	0.1021	0.0264	25.88	0.1208	0.0834
As1890	189.042	{4 Y_2243	ppm	0.0088	0.0001	1.234	0.0089	0.0088
B_2496	249.678	{1 Y_3710	ppm	0.0061	0.0123	202.5	-0.0026	0.0148
Ba4554	455.403	{ 7 Y_3710	ppm	0.0091	0.0004	4.021	0.0094	0.0088
Be3130	313.042	{1 Y_3710	ppm	0.0046	0.0002	5.275	0.0048	0.0044
Ca3158	315.887	{1 In2306	ppm	0.0697	0.0012	1.657	0.0705	0.0688
Ca3181	318.128	{1 In2306	ppm	0.0751	0.058	77.24	0.1161	0.0341
Cd2288	228.802	{4 Y_2243	ppm	0.0051	0.0004	8.804	0.0047	0.0054
Co2286	228.616	{4 In2306	ppm	0.0096	0.0003	2.703	0.0094	0.0097
Cr2677	267.716	{1 Y_3600	ppm	0.0093	0.0002	2.64	0.0095	0.0091
Cu3247	324.754	{1 Y_3600	ppm	0.0097	0.0001	1.448	0.0098	0.0096
Fe2404	240.488	{1 In2306	ppm	0.0935	0.0057	6.126	0.0976	0.0895
K_7664	766.490	{ 4 Y_3710	ppm	0.7059	0.0172	2.432	0.718	0.6938
K_7698	769.896	{ 4 Y_3710	ppm	0.7913	0.0894	11.29	0.8545	0.7281
Li6707	670.784	{ 5 Y_3710	ppm	0.0106	0.0008	7.445	0.0112	0.0101
Mg2790	279.079	{1 Y_3710	ppm	0.0399	0.0142	35.66	0.0298	0.0499
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0.0001	0.8294	0.0098	0.0097
Mn2576-2	257.610	{1 Y_3710	ppm	0.0098	0.0012	11.9	0.0106	0.009
Mo2020	202.030	{4 Y_2243	ppm	0.0112	0.0007	6.617	0.0106	0.0117
Na5895	589.592	{ 5 Y_3710	ppm	0.6635	0.0209	3.144	0.6782	0.6487
Na8183	818.326	{ 4 Y_3710	ppm	0.6305	0.027	4.285	0.6496	0.6114
Ni2316	231.604	{4 In2306	ppm	0.0098	0.0007	7.087	0.0094	0.0103
P_1782	178.284	{4 In2306	ppm	0.0095	0.0003	3.606	0.0097	0.0092
Pb2203	220.353	{4 In2306	ppm	0.0109	0.001	9.109	0.0102	0.0116
S_1820	182.034	{4 Y_2243	ppm	-4.075	0.2412	5.918	-4.246	-3.905
Sb2068	206.833	{4 Y_2243	ppm	0.016	0.0018	11.43	0.0147	0.0173
Se1960	196.090	{4 Y_2243	ppm	0.011	0.0016	14.37	0.0099	0.0121
Si2516	251.611	{1 Y_3710	ppm	0.0324	0.0153	47.04	0.0432	0.0216
Sn1899	189.989	{4 In2306	ppm	0.0105	0.0008	7.655	0.0099	0.011
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0.0001	1.904	0.0047	0.0046
Ti3349	334.904	{1 Y_3600	ppm	0.011	0.0005	4.74	0.0114	0.0106
Tl1908	190.856	{4 In2306	ppm	0.0101	0.0002	1.517	0.01	0.0102
V_2924	292.402	{1 Y_3600	ppm	0.0084	0.0003	3.173	0.0086	0.0082
Zn2062	206.200	{4 In2306	ppm	0.0093	0.0004	4.525	0.009	0.0096

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.625	1.5774	3.1158	49.509	51.74
In2306	230.606	{4 Cts/S	10193	17.473	0.17142	10181	10205
Y_2243	224.306	{4 Cts/S	12889	5.581	0.0433	12893	12885
Y_3600	360.073	{ 9 Cts/S	113100	904.15	0.79944	112460	113740
Y_3710	371.030	{ 9 Cts/S	6999.1	123.16	1.7596	6912	7086.2

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0	45.52	-0.0001	-0.0001
Al3082	308.215	{1 In2306	ppm	0.0295	0.0958	325.2	-0.0383	0.0972
As1890	189.042	{4 Y_2243	ppm	-0.0017	0.0001	5.514	-0.0016	-0.0018
B_2496	249.678	{1 Y_3710	ppm	-0.0109	0.0103	93.86	-0.0037	-0.0182
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0	7.59	-0.0004	-0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0.0002	460.2	0.0002	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.0069	0.017	245.2	0.0189	-0.0051
Ca3181	318.128	{1 In2306	ppm	0.0454	0.054	118.9	0.0837	0.0072
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	66.58	0	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0	23.94	0.0002	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	13.3	-0.0003	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0001	203.4	0.0001	0
Fe2404	240.488	{1 In2306	ppm	0.0354	0.0237	66.84	0.0521	0.0187
K_7664	766.490	{ 4 Y_3710	ppm	0.063	0.0039	6.181	0.0602	0.0658
K_7698	769.896	{ 4 Y_3710	ppm	0.1349	0.0406	30.08	0.1636	0.1062
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0007	174.7	0.0009	-0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.1055	0.0517	49.02	-0.1421	-0.0689
Mn2576	257.610	{1 Y_3600	ppm	0	0	43.13	0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0003	0.0016	485.4	-0.0014	0.0008
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0003	88.01	0.0001	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	0.0385	0.0112	28.98	0.0464	0.0306
Na8183	818.326	{ 4 Y_3710	ppm	0.3873	0.0867	22.39	0.4486	0.326
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0002	89.16	0.0003	0.0001
P_1782	178.284	{4 In2306	ppm	0	0.0012	2770	-0.0009	0.0008
Pb2203	220.353	{4 In2306	ppm	0.0004	0.0002	51.89	0.0006	0.0003
S_1820	182.034	{4 Y_2243	ppm	-3.266	0.0643	1.967	-3.312	-3.221
Sb2068	206.833	{4 Y_2243	ppm	0.0007	0.0008	112.5	0.0012	0.0001
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0002	24.92	-0.0006	-0.0009
Si2516	251.611	{1 Y_3710	ppm	0.0038	0.0074	198	-0.0015	0.009
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0002	55.28	0.0002	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0	5.386	-0.0003	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0003	86.81	0.0006	0.0001
Tl1908	190.856	{4 In2306	ppm	0.0005	0.0004	78.28	0.0008	0.0002
V_2924	292.402	{1 Y_3600	ppm	-0.0006	0.0005	80.3	-0.0009	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0	22.44	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.526	1.1066	2.1901	49.744	51.308
In2306	230.606	{4 Cts/S	10259	78.955	0.76965	10314	10203
Y_2243	224.306	{4 Cts/S	12898	124.83	0.96787	12986	12809
Y_3600	360.073	{ 9 Cts/S	112880	3078.6	2.7274	110700	115050
Y_3710	371.030	{ 9 Cts/S	6850.6	119.24	1.7406	6934.9	6766.2

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	130.5	-0.0003	0
Al3082	308.215	{1 In2306	ppm	-0.0128	0.0439	342.2	0.0182	-0.0439
As1890	189.042	{4 Y_2243	ppm	-0.0023	0.0002	7.293	-0.0022	-0.0024
B_2496	249.678	{1 Y_3710	ppm	-0.0022	0.0019	85.44	-0.0035	-0.0009
Ba4554	455.403	{ 7 Y_3710	ppm	0.0026	0.0003	10.29	0.0028	0.0024
Be3130	313.042	{1 Y_3710	ppm	0	0	139.2	0.0001	0
Ca3158	315.887	{1 In2306	ppm	0.0173	0.016	92.5	0.006	0.0286
Ca3181	318.128	{1 In2306	ppm	0.062	0.0186	30.04	0.0488	0.0752
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	453.1	0	0.0001
Co2286	228.616	{4 In2306	ppm	0	0.0001	309.4	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0	11.21	-0.0004	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0014	0.0003	19.29	0.0016	0.0012
Fe2404	240.488	{1 In2306	ppm	0.0042	0.0094	225.4	-0.0025	0.0108
K_7664	766.490	{ 4 Y_3710	ppm	0.0413	0.0153	36.93	0.0521	0.0305
K_7698	769.896	{ 4 Y_3710	ppm	0.1382	0.0282	20.39	0.1182	0.1581
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0002	55.87	0.0002	0.0005
Mg2790	279.079	{1 Y_3710	ppm	-0.017	0.0225	132.5	-0.0329	-0.0011
Mn2576	257.610	{1 Y_3600	ppm	0.0011	0	0.0207	0.0011	0.0011
Mn2576-2	257.610	{1 Y_3710	ppm	0.0016	0.0014	90.8	0.0026	0.0006
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	27.26	0.0002	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.042	0.0064	15.29	0.0466	0.0375
Na8183	818.326	{ 4 Y_3710	ppm	0.0906	0.007	7.758	0.0956	0.0857
Ni2316	231.604	{4 In2306	ppm	-0.0002	0	13.59	-0.0002	-0.0002
P_1782	178.284	{4 In2306	ppm	0	0.0011	3386	0.0008	-0.0008
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0003	35.06	0.0011	0.0007
S_1820	182.034	{4 Y_2243	ppm	-4.166	0.6359	15.26	-4.616	-3.716
Sb2068	206.833	{4 Y_2243	ppm	-0.0005	0.0005	99.6	-0.0008	-0.0001
Se1960	196.090	{4 Y_2243	ppm	0.0004	0.0014	323.2	0.0014	-0.0006
Si2516	251.611	{1 Y_3710	ppm	0.0188	0.0005	2.694	0.0184	0.0192
Sn1899	189.989	{4 In2306	ppm	-0.0001	0.0001	40.97	-0.0001	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0002	0.0001	35.15	0.0003	0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0002	0.0001	47.87	-0.0001	-0.0002
Tl1908	190.856	{4 In2306	ppm	-0.0008	0.0003	35.08	-0.0006	-0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0001	82.88	-0.0002	0
Zn2062	206.200	{4 In2306	ppm	0.0032	0.0001	3.367	0.0033	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.054	0.03309	0.06746	49.077	49.031
In2306	230.606	{4 Cts/S	10293	0.6289	0.00611	10294	10293
Y_2243	224.306	{4 Cts/S	12984	11.114	0.0856	12992	12977
Y_3600	360.073	{ 9 Cts/S	113610	3880.7	3.4157	110870	116360
Y_3710	371.030	{ 9 Cts/S	6993.9	48.811	0.6979	7028.5	6959.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4971	0.0073	1.476	0.5023	0.4919
Al3082	308.215	{1 In2306	ppm	10.42	0.4841	4.645	10.08	10.76
As1890	189.042	{4 Y_2243	ppm	0.9798	0.0275	2.808	0.9993	0.9603
B_2496	249.678	{1 Y_3710	ppm	1.028	0.0121	1.182	1.019	1.036
Ba4554	455.403	{ 7 Y_3710	ppm	1.051	0.0254	2.421	1.033	1.069
Be3130	313.042	{1 Y_3710	ppm	0.51	0.0141	2.757	0.5001	0.52
Ca3158	315.887	{1 In2306	ppm	9.869	0.3268	3.311	9.638	10.1
Ca3181	318.128	{1 In2306	ppm	9.771	0.2919	2.987	9.564	9.977
Cd2288	228.802	{4 Y_2243	ppm	0.4823	0.0138	2.863	0.4921	0.4725
Co2286	228.616	{4 In2306	ppm	0.9712	0.029	2.987	0.9917	0.9506
Cr2677	267.716	{1 Y_3600	ppm	0.9565	0.007	0.7352	0.9615	0.9515
Cu3247	324.754	{1 Y_3600	ppm	0.9846	0.0117	1.193	0.9929	0.9763
Fe2404	240.488	{1 In2306	ppm	9.907	0.3302	3.333	9.674	10.14
K_7664	766.490	{ 4 Y_3710	ppm	11.85	0.286	2.414	11.65	12.05
K_7698	769.896	{ 4 Y_3710	ppm	11.14	0.2409	2.163	10.97	11.31
Li6707	670.784	{ 5 Y_3710	ppm	0.5868	0.0147	2.497	0.5764	0.5971
Mg2790	279.079	{1 Y_3710	ppm	9.639	0.1205	1.25	9.554	9.724
Mn2576	257.610	{1 Y_3600	ppm	0.9587	0.0103	1.078	0.966	0.9514
Mn2576-2	257.610	{1 Y_3710	ppm	0.9989	0.0213	2.133	0.9838	1.014
Mo2020	202.030	{4 Y_2243	ppm	1.005	0.0333	3.307	1.029	0.9819
Na5895	589.592	{ 5 Y_3710	ppm	11.57	0.2693	2.328	11.38	11.76
Na8183	818.326	{ 4 Y_3710	ppm	10.73	0.2423	2.257	10.56	10.9
Ni2316	231.604	{4 In2306	ppm	0.9808	0.0299	3.044	1.002	0.9597
P_1782	178.284	{4 In2306	ppm	0.0001	0	10.78	0.0001	0.0001
Pb2203	220.353	{4 In2306	ppm	0.9794	0.0287	2.928	0.9997	0.9591
S_1820	182.034	{4 Y_2243	ppm	-1.936	0.4812	24.86	-2.276	-1.595
Sb2068	206.833	{4 Y_2243	ppm	0.9771	0.0325	3.324	1	0.9541
Se1960	196.090	{4 Y_2243	ppm	1.013	0.0255	2.512	1.031	0.9951
Si2516	251.611	{1 Y_3710	ppm	0.9567	0.0652	6.816	0.9106	1.003
Sn1899	189.989	{4 In2306	ppm	1.004	0.0313	3.12	1.027	0.9822
Sr4215	421.552	{ 8 Y_3710	ppm	0.5324	0.0138	2.586	0.5226	0.5421
Ti3349	334.904	{1 Y_3600	ppm	0.9892	0.0091	0.918	0.9956	0.9827
Tl1908	190.856	{4 In2306	ppm	1.019	0.0306	3.002	1.04	0.997
V_2924	292.402	{1 Y_3600	ppm	0.9301	0.0114	1.227	0.9382	0.922
Zn2062	206.200	{4 In2306	ppm	0.947	0.0256	2.7	0.9651	0.9289

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.779	1.4187	2.9083	49.782	47.776
In2306	230.606	{4 Cts/S	9666.4	181.87	1.8814	9537.8	9795
Y_2243	224.306	{4 Cts/S	12769	246.97	1.9342	12594	12943
Y_3600	360.073	{ 9 Cts/S	111540	904.75	0.81113	110900	112180
Y_3710	371.030	{ 9 Cts/S	6749.9	126.47	1.8736	6839.4	6660.5

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Custom ID2=
Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0002	174.4	0.0002	0
Al3082	308.215	{1 In2306	ppm	0.1213	0.0504	41.59	0.0856	0.1569
As1890	189.042	{4 Y_2243	ppm	0.0065	0.0014	21.52	0.0055	0.0074
B_2496	249.678	{1 Y_3710	ppm	0.3934	0.0023	0.583	0.3918	0.395
Ba4554	455.403	{ 7 Y_3710	ppm	0.2408	0.0003	0.1114	0.241	0.2406
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	22.04	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	51.76	0.171	0.3304	51.88	51.64
Ca3181	318.128	{1 In2306	ppm	51.02	0.1057	0.2073	51.09	50.94
Cd2288	228.802	{4 Y_2243	ppm	0.0013	0.0015	120.8	0.0002	0.0023
Co2286	228.616	{4 In2306	ppm	0.0036	0.003	82.78	0.0015	0.0057
Cr2677	267.716	{1 Y_3600	ppm	0.0014	0.0005	33.92	0.0017	0.0011
Cu3247	324.754	{1 Y_3600	ppm	0.0028	0.0002	7.162	0.003	0.0027
Fe2404	240.488	{1 In2306	ppm	0.0517	0.0029	5.67	0.0496	0.0538
K_7664	766.490	{ 4 Y_3710	ppm	58.46	0.1451	0.2481	58.36	58.57
K_7698	769.896	{ 4 Y_3710	ppm	57.18	0.1056	0.1847	57.11	57.26
Li6707	670.784	{ 5 Y_3710	ppm	0.0437	0.0003	0.7344	0.0439	0.0435
Mg2790	279.079	{1 Y_3710	ppm	20.51	0.0228	0.1114	20.49	20.53
Mn2576	257.610	{1 Y_3600	ppm	0.0831	0.0008	0.9803	0.0837	0.0825
Mn2576-2	257.610	{1 Y_3710	ppm	0.0814	0.0022	2.713	0.0799	0.083
Mo2020	202.030	{4 Y_2243	ppm	0.034	0.0042	12.49	0.031	0.0369
Na5895	589.592	{ 5 Y_3710	ppm	771.1	3.754	0.4868	773.8	768.5
Na8183	818.326	{ 4 Y_3710	ppm	912.5	2.007	0.2199	911.1	914
Ni2316	231.604	{4 In2306	ppm	0.0062	0.0034	54.62	0.0038	0.0086
P_1782	178.284	{4 In2306	ppm	1.386	0.0012	0.0883	1.385	1.387
Pb2203	220.353	{4 In2306	ppm	0.0014	0.0011	79.14	0.0006	0.0022
S_1820	182.034	{4 Y_2243	ppm	-81030	386.9	0.4774	-80760	-81310
Sb2068	206.833	{4 Y_2243	ppm	0.0193	0.0026	13.62	0.0175	0.0212
Se1960	196.090	{4 Y_2243	ppm	0.104	0.003	2.911	0.1018	0.1061
Si2516	251.611	{1 Y_3710	ppm	2.701	0.0424	1.571	2.671	2.731
Sn1899	189.989	{4 In2306	ppm	0.0046	0.0042	90.72	0.0016	0.0075
Sr4215	421.552	{ 8 Y_3710	ppm	1.314	0.0007	0.0532	1.314	1.313
Ti3349	334.904	{1 Y_3600	ppm	0.0027	0	1.449	0.0026	0.0027
Tl1908	190.856	{4 In2306	ppm	0.0027	0.0051	192.3	-0.001	0.0063
V_2924	292.402	{1 Y_3600	ppm	0.0097	0.0002	1.732	0.0096	0.0098
Zn2062	206.200	{4 In2306	ppm	0.0848	0.0028	3.314	0.0829	0.0868

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.35	0.23115	0.48819	47.186	47.513
In2306	230.606	{4 Cts/S	7621.1	34.946	0.45854	7645.8	7596.4
Y_2243	224.306	{4 Cts/S	10946	97.72	0.89272	11015	10877
Y_3600	360.073	{ 9 Cts/S	92753	877.98	0.94658	92133	93374
Y_3710	371.030	{ 9 Cts/S	6743.9	13.362	0.19813	6753.4	6734.5

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	53.1	0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.1882	0.0085	4.534	0.1942	0.1821
As1890	189.042	{4 Y_2243	ppm	0.0038	0.0002	6.293	0.0036	0.004
B_2496	249.678	{1 Y_3710	ppm	0.4039	0.004	0.9961	0.4068	0.4011
Ba4554	455.403	{ 7 Y_3710	ppm	0.2489	0.0002	0.0934	0.249	0.2487
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	38.78	0.0001	0.0002
Ca3158	315.887	{1 In2306	ppm	50.29	1.59	3.162	51.41	49.16
Ca3181	318.128	{1 In2306	ppm	49.78	1.561	3.136	50.89	48.68
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	15.36	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0012	0.0003	25.46	0.001	0.0014
Cr2677	267.716	{1 Y_3600	ppm	0.0017	0.0002	11.83	0.0018	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.0032	0.0001	3.422	0.0031	0.0033
Fe2404	240.488	{1 In2306	ppm	0.0223	0.0303	135.8	0.0438	0.0009
K_7664	766.490	{ 4 Y_3710	ppm	60.19	0.031	0.0515	60.17	60.21
K_7698	769.896	{ 4 Y_3710	ppm	59.09	0.1116	0.1889	59.17	59.01
Li6707	670.784	{ 5 Y_3710	ppm	0.0457	0.0003	0.7067	0.046	0.0455
Mg2790	279.079	{1 Y_3710	ppm	21.04	0.0965	0.4589	21.1	20.97
Mn2576	257.610	{1 Y_3600	ppm	0.0846	0	0.0407	0.0847	0.0846
Mn2576-2	257.610	{1 Y_3710	ppm	0.0831	0.001	1.194	0.0838	0.0824
Mo2020	202.030	{4 Y_2243	ppm	0.0301	0.0004	1.259	0.0298	0.0304
Na5895	589.592	{ 5 Y_3710	ppm	772.8	7.027	0.9093	767.8	777.8
Na8183	818.326	{ 4 Y_3710	ppm	934.2	0.1073	0.0115	934.3	934.1
Ni2316	231.604	{4 In2306	ppm	0.0037	0.0001	2.269	0.0037	0.0038
P_1782	178.284	{4 In2306	ppm	1.401	0.0018	0.1316	1.399	1.402
Pb2203	220.353	{4 In2306	ppm	0	0.0004	61770	-0.0003	0.0003
S_1820	182.034	{4 Y_2243	ppm	-81860	178.3	0.2178	-81730	-81990
Sb2068	206.833	{4 Y_2243	ppm	0.0038	0	0.0632	0.0038	0.0038
Se1960	196.090	{4 Y_2243	ppm	0.1025	0.0007	0.6532	0.102	0.103
Si2516	251.611	{1 Y_3710	ppm	2.761	0.0112	0.4073	2.753	2.769
Sn1899	189.989	{4 In2306	ppm	0.0005	0.0002	51.27	0.0006	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	1.345	0.0007	0.0493	1.345	1.346
Ti3349	334.904	{1 Y_3600	ppm	0.0008	0.0001	12.84	0.0007	0.0008
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.001	240.3	0.0003	-0.0011
V_2924	292.402	{1 Y_3600	ppm	0.01	0.0006	5.931	0.0096	0.0105
Zn2062	206.200	{4 In2306	ppm	0.0836	0.0001	0.163	0.0835	0.0837

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.419	1.6464	3.3315	48.255	50.583
In2306	230.606	{4 Cts/S	7707.9	29.622	0.38431	7728.9	7687
Y_2243	224.306	{4 Cts/S	11047	39.538	0.35791	11075	11019
Y_3600	360.073	{ 9 Cts/S	92863	88.666	0.09548	92926	92801
Y_3710	371.030	{ 9 Cts/S	6705.9	41.148	0.6136	6735	6676.8

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5757	0.0097	1.68	0.5825	0.5688
Al3082	308.215	{1 In2306	ppm	10.88	0.2877	2.645	11.08	10.67
As1890	189.042	{4 Y_2243	ppm	1.067	0.0145	1.354	1.057	1.077
B_2496	249.678	{1 Y_3710	ppm	1.404	0.0231	1.644	1.42	1.388
Ba4554	455.403	{ 7 Y_3710	ppm	1.277	0.0067	0.5243	1.282	1.273
Be3130	313.042	{1 Y_3710	ppm	0.4871	0.0015	0.3145	0.486	0.4882
Ca3158	315.887	{1 In2306	ppm	62.91	1.516	2.41	63.98	61.84
Ca3181	318.128	{1 In2306	ppm	62.13	1.439	2.316	63.15	61.11
Cd2288	228.802	{4 Y_2243	ppm	0.5118	0.0114	2.221	0.5038	0.5199
Co2286	228.616	{4 In2306	ppm	1.009	0.023	2.277	0.9925	1.025
Cr2677	267.716	{1 Y_3600	ppm	0.973	0.0182	1.871	0.9858	0.9601
Cu3247	324.754	{1 Y_3600	ppm	1.063	0.0312	2.939	1.085	1.041
Fe2404	240.488	{1 In2306	ppm	10.09	0.2541	2.518	10.27	9.914
K_7664	766.490	{ 4 Y_3710	ppm	70.08	0.5243	0.7482	70.45	69.71
K_7698	769.896	{ 4 Y_3710	ppm	69.18	0.3361	0.4859	69.41	68.94
Li6707	670.784	{ 5 Y_3710	ppm	0.5919	0.006	1.013	0.5961	0.5876
Mg2790	279.079	{1 Y_3710	ppm	30.27	0.1762	0.5819	30.15	30.4
Mn2576	257.610	{1 Y_3600	ppm	1.058	0.0207	1.957	1.073	1.044
Mn2576-2	257.610	{1 Y_3710	ppm	1.06	0.0029	0.2716	1.062	1.058
Mo2020	202.030	{4 Y_2243	ppm	1.004	0.0149	1.482	0.9931	1.014
Na5895	589.592	{ 5 Y_3710	ppm	780.6	12.82	1.642	789.7	771.6
Na8183	818.326	{ 4 Y_3710	ppm	934.7	4.666	0.4992	938	931.4
Ni2316	231.604	{4 In2306	ppm	1.018	0.0224	2.197	1.003	1.034
P_1782	178.284	{4 In2306	ppm	1.353	0.0266	1.964	1.334	1.371
Pb2203	220.353	{4 In2306	ppm	0.9781	0.0204	2.086	0.9637	0.9925
S_1820	182.034	{4 Y_2243	ppm	-78960	1675	2.122	-77770	-80140
Sb2068	206.833	{4 Y_2243	ppm	1.022	0.0146	1.431	1.012	1.033
Se1960	196.090	{4 Y_2243	ppm	1.209	0.0242	2.003	1.192	1.226
Si2516	251.611	{1 Y_3710	ppm	3.459	0.0129	0.3716	3.45	3.468
Sn1899	189.989	{4 In2306	ppm	1.046	0.0175	1.67	1.033	1.058
Sr4215	421.552	{ 8 Y_3710	ppm	1.846	0.0097	0.5278	1.852	1.839
Ti3349	334.904	{1 Y_3600	ppm	1.024	0.0169	1.651	1.036	1.012
Tl1908	190.856	{4 In2306	ppm	0.9583	0.02	2.086	0.9441	0.9724
V_2924	292.402	{1 Y_3600	ppm	0.9827	0.0221	2.252	0.9983	0.967
Zn2062	206.200	{4 In2306	ppm	1.117	0.0316	2.832	1.095	1.139

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.101	1.2047	2.5576	46.249	47.953
In2306	230.606	{4 Cts/S	7720.4	127.29	1.6488	7810.4	7630.3
Y_2243	224.306	{4 Cts/S	11229	160.98	1.4336	11343	11115
Y_3600	360.073	{ 9 Cts/S	92200	1401	1.5195	91210	93191
Y_3710	371.030	{ 9 Cts/S	6747.2	14.103	0.20902	6737.3	6757.2

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.583	0.0293	5.019	0.5623	0.6037
Al3082	308.215	{1 In2306	ppm	11.37	0.1109	0.9752	11.29	11.45
As1890	189.042	{4 Y_2243	ppm	1.072	0.0054	0.4995	1.076	1.068
B_2496	249.678	{1 Y_3710	ppm	1.5	0.1083	7.217	1.577	1.423
Ba4554	455.403	{ 7 Y_3710	ppm	1.354	0.0932	6.883	1.42	1.288
Be3130	313.042	{1 Y_3710	ppm	0.5133	0.0373	7.263	0.5396	0.4869
Ca3158	315.887	{1 In2306	ppm	66.15	0.0567	0.0857	66.19	66.11
Ca3181	318.128	{1 In2306	ppm	65.28	0.1702	0.2607	65.16	65.4
Cd2288	228.802	{4 Y_2243	ppm	0.5146	0.004	0.7688	0.5174	0.5118
Co2286	228.616	{4 In2306	ppm	1.016	0.0056	0.5539	1.019	1.012
Cr2677	267.716	{1 Y_3600	ppm	0.9976	0.0496	4.975	0.9625	1.033
Cu3247	324.754	{1 Y_3600	ppm	1.079	0.053	4.916	1.041	1.116
Fe2404	240.488	{1 In2306	ppm	10.47	0.0762	0.728	10.52	10.41
K_7664	766.490	{ 4 Y_3710	ppm	76	4.715	6.204	79.34	72.67
K_7698	769.896	{ 4 Y_3710	ppm	74.88	4.736	6.325	78.23	71.53
Li6707	670.784	{ 5 Y_3710	ppm	0.6315	0.039	6.174	0.659	0.6039
Mg2790	279.079	{1 Y_3710	ppm	32.55	2.343	7.198	34.21	30.89
Mn2576	257.610	{1 Y_3600	ppm	1.074	0.0535	4.978	1.037	1.112
Mn2576-2	257.610	{1 Y_3710	ppm	1.12	0.0871	7.784	1.181	1.058
Mo2020	202.030	{4 Y_2243	ppm	1.012	0.0066	0.6536	1.017	1.008
Na5895	589.592	{ 5 Y_3710	ppm	841.6	26.41	3.138	860.3	822.9
Na8183	818.326	{ 4 Y_3710	ppm	1012	66.75	6.593	1060	965.2
Ni2316	231.604	{4 In2306	ppm	1.028	0.0019	0.1853	1.03	1.027
P_1782	178.284	{4 In2306	ppm	1.397	0.0017	0.1214	1.398	1.396
Pb2203	220.353	{4 In2306	ppm	0.9865	0.005	0.5025	0.99	0.983
S_1820	182.034	{4 Y_2243	ppm	-81380	434.2	0.5335	-81680	-81070
Sb2068	206.833	{4 Y_2243	ppm	1.04	0.0209	2.011	1.055	1.025
Se1960	196.090	{4 Y_2243	ppm	1.222	0.0129	1.057	1.231	1.213
Si2516	251.611	{1 Y_3710	ppm	3.65	0.2468	6.763	3.825	3.476
Sn1899	189.989	{4 In2306	ppm	1.05	0.0017	0.1641	1.052	1.049
Sr4215	421.552	{ 8 Y_3710	ppm	1.983	0.1368	6.897	2.08	1.886
Ti3349	334.904	{1 Y_3600	ppm	1.046	0.0567	5.426	1.006	1.086
Tl1908	190.856	{4 In2306	ppm	0.9635	0.0068	0.7032	0.9683	0.9587
V_2924	292.402	{1 Y_3600	ppm	0.9929	0.049	4.937	0.9583	1.028
Zn2062	206.200	{4 In2306	ppm	1.132	0.0039	0.347	1.134	1.129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	45.74	0.93527	2.0448	46.401	45.079
In2306	230.606	{4 Cts/S	7647.2	13.103	0.17134	7638	7656.5
Y_2243	224.306	{4 Cts/S	11175	49.008	0.43855	11140	11210
Y_3600	360.073	{ 9 Cts/S	90576	3915.1	4.3225	93344	87807
Y_3710	371.030	{ 9 Cts/S	6442.1	338.78	5.2589	6202.5	6681.6

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Username=admin
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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:08:16
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5239	0.0019	0.3696	0.5253	0.5225
Al3082	308.215 {1	In2306	ppm	10.19	0.7893	7.742	9.636	10.75
As1890	189.042 {4	Y_2243	ppm	1.018	0.0088	0.8673	1.011	1.024
B_2496	249.678 {1	Y_3710	ppm	1.346	0.0805	5.979	1.289	1.403
Ba4554	455.403 { 7	Y_3710	ppm	1.243	0.0727	5.848	1.192	1.294
Be3130	313.042 {1	Y_3710	ppm	0.4623	0.03	6.496	0.4411	0.4835
Ca3158	315.887 {1	In2306	ppm	60.99	4.539	7.443	57.78	64.2
Ca3181	318.128 {1	In2306	ppm	60.36	4.588	7.601	57.11	63.6
Cd2288	228.802 {4	Y_2243	ppm	0.4829	0.0035	0.7222	0.4804	0.4853
Co2286	228.616 {4	In2306	ppm	0.951	0.0083	0.8736	0.9451	0.9568
Cr2677	267.716 {1	Y_3600	ppm	0.8942	0.0026	0.2916	0.8961	0.8924
Cu3247	324.754 {1	Y_3600	ppm	0.9788	0.007	0.7193	0.9838	0.9738
Fe2404	240.488 {1	In2306	ppm	9.445	0.6883	7.287	8.958	9.931
K_7664	766.490 { 4	Y_3710	ppm	69.9	4.502	6.44	66.72	73.09
K_7698	769.896 { 4	Y_3710	ppm	68.82	4.41	6.408	65.7	71.93
Li6707	670.784 { 5	Y_3710	ppm	1.106	0.0674	6.098	1.058	1.153
Mg2790	279.079 {1	Y_3710	ppm	29.72	1.616	5.438	28.58	30.87
Mn2576	257.610 {1	Y_3600	ppm	0.9839	0.0037	0.3792	0.9866	0.9813
Mn2576-2	257.610 {1	Y_3710	ppm	1.04	0.0653	6.283	0.9933	1.086
Mo2020	202.030 {4	Y_2243	ppm	0.9483	0.0076	0.8028	0.9429	0.9537
Na5895	589.592 { 5	Y_3710	ppm	768.2	49.52	6.446	733.2	803.2
Na8183	818.326 { 4	Y_3710	ppm	934.8	57.21	6.12	894.3	975.2
Ni2316	231.604 {4	In2306	ppm	0.9782	0.0093	0.9458	0.9717	0.9848
P_1782	178.284 {4	In2306	ppm	2.456	0.0117	0.4756	2.448	2.465
Pb2203	220.353 {4	In2306	ppm	0.9331	0.0002	0.023	0.9332	0.9329
S_1820	182.034 {4	Y_2243	ppm	-77830	556.7	0.7153	-77430	-78220
Sb2068	206.833 {4	Y_2243	ppm	0.9996	0.0094	0.9394	0.993	1.006
Se1960	196.090 {4	Y_2243	ppm	1.135	0.0135	1.188	1.125	1.144
Si2516	251.611 {1	Y_3710	ppm	4.118	0.329	7.989	3.886	4.351
Sn1899	189.989 {4	In2306	ppm	0.9917	0.01	1.009	0.9846	0.9987
Sr4215	421.552 { 8	Y_3710	ppm	1.823	0.111	6.09	1.744	1.901
Ti3349	334.904 {1	Y_3600	ppm	0.9401	0.0001	0.0065	0.9401	0.9401
Tl1908	190.856 {4	In2306	ppm	0.9077	0.0034	0.3799	0.9052	0.9101
V_2924	292.402 {1	Y_3600	ppm	0.8927	0.0041	0.4539	0.8956	0.8898
Zn2062	206.200 {4	In2306	ppm	1.067	0.0059	0.5518	1.063	1.071

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.326	2.8623	6.0481	49.35	45.302
In2306	230.606 {4	Cts/S	7694.8	51.672	0.67152	7731.3	7658.3
Y_2243	224.306 {4	Cts/S	11241	77.26	0.68733	11295	11186
Y_3600	360.073 { 9	Cts/S	94166	366.64	0.38935	93906	94425
Y_3710	371.030 { 9	Cts/S	6609.6	331.5	5.0154	6844	6375.2

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0004	300	-0.0004	0.0002
Al3082	308.215	{1 In2306	ppm	0.023	0.004	17.33	0.0258	0.0202
As1890	189.042	{4 Y_2243	ppm	0.0106	0.0134	126.4	0.0011	0.02
B_2496	249.678	{1 Y_3710	ppm	0.0798	0.0135	16.86	0.0703	0.0893
Ba4554	455.403	{ 7 Y_3710	ppm	0.0483	0.0001	0.2994	0.0484	0.0482
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	8.047	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	10.34	0.1643	1.588	10.46	10.23
Ca3181	318.128	{1 In2306	ppm	10.36	0.1339	1.293	10.46	10.27
Cd2288	228.802	{4 Y_2243	ppm	0.0061	0.0071	116.4	0.0011	0.0112
Co2286	228.616	{4 In2306	ppm	0.0129	0.015	116.5	0.0023	0.0235
Cr2677	267.716	{1 Y_3600	ppm	0	0.0005	1053	0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0011	0.0002	21.59	0.0009	0.0013
Fe2404	240.488	{1 In2306	ppm	0.0123	0.007	56.82	0.0172	0.0073
K_7664	766.490	{ 4 Y_3710	ppm	12.01	0.0476	0.3959	11.98	12.04
K_7698	769.896	{ 4 Y_3710	ppm	11.64	0.0722	0.6203	11.59	11.69
Li6707	670.784	{ 5 Y_3710	ppm	0.0095	0.0001	1.142	0.0095	0.0096
Mg2790	279.079	{1 Y_3710	ppm	4.107	0.1136	2.765	4.188	4.027
Mn2576	257.610	{1 Y_3600	ppm	0.0177	0.0009	4.85	0.0171	0.0183
Mn2576-2	257.610	{1 Y_3710	ppm	0.0154	0.0019	12.45	0.0168	0.0141
Mo2020	202.030	{4 Y_2243	ppm	0.0231	0.0174	75.28	0.0108	0.0354
Na5895	589.592	{ 5 Y_3710	ppm	176.4	3.938	2.233	179.1	173.6
Na8183	818.326	{ 4 Y_3710	ppm	182.3	0.1723	0.0945	182.4	182.2
Ni2316	231.604	{4 In2306	ppm	0.0139	0.0157	112.8	0.0028	0.025
P_1782	178.284	{4 In2306	ppm	0.2693	0.0267	9.932	0.2504	0.2882
Pb2203	220.353	{4 In2306	ppm	0.0107	0.013	121	0.0015	0.0199
S_1820	182.034	{4 Y_2243	ppm	-16510	646.7	3.917	-16050	-16970
Sb2068	206.833	{4 Y_2243	ppm	0.0264	0.0156	59.06	0.0154	0.0374
Se1960	196.090	{4 Y_2243	ppm	0.0294	0.0127	43.29	0.0204	0.0384
Si2516	251.611	{1 Y_3710	ppm	0.5853	0.0016	0.2674	0.5864	0.5842
Sn1899	189.989	{4 In2306	ppm	0.0161	0.0167	103.4	0.0043	0.0279
Sr4215	421.552	{ 8 Y_3710	ppm	0.2679	0.0005	0.2011	0.2683	0.2675
Ti3349	334.904	{1 Y_3600	ppm	0.0024	0	0.9041	0.0023	0.0024
Tl1908	190.856	{4 In2306	ppm	0.0121	0.0142	117	0.0021	0.0221
V_2924	292.402	{1 Y_3600	ppm	0.0016	0.0001	6.998	0.0017	0.0015
Zn2062	206.200	{4 In2306	ppm	0.0314	0.0158	50.4	0.0202	0.0425

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.631	0.54082	1.1121	48.249	49.014
In2306	230.606	{4 Cts/S	8923.8	23.782	0.2665	8907	8940.7
Y_2243	224.306	{4 Cts/S	12143	27.54	0.2268	12123	12162
Y_3600	360.073	{ 9 Cts/S	100440	3311.5	3.2969	102780	98100
Y_3710	371.030	{ 9 Cts/S	6849.1	16.687	0.24363	6860.9	6837.3

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0003	123.3	0	0.0005
Al3082	308.215	{1 In2306	ppm	-0.0514	0.0478	92.99	-0.0852	-0.0176
As1890	189.042	{4 Y_2243	ppm	-0.0012	0.0007	62.05	-0.0017	-0.0007
B_2496	249.678	{1 Y_3710	ppm	-0.0027	0.0073	269.8	0.0024	-0.0078
Ba4554	455.403	{ 7 Y_3710	ppm	0.0017	0.0001	7.814	0.0018	0.0016
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	44.36	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0102	0.0047	46	-0.0069	-0.0136
Ca3181	318.128	{1 In2306	ppm	0.0872	0.0258	29.54	0.1054	0.069
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0.0003	133.9	0	0.0005
Co2286	228.616	{4 In2306	ppm	0.0005	0.0003	70.5	0.0002	0.0007
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0	12.41	-0.0002	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0014	0.0003	19.41	0.0012	0.0015
Fe2404	240.488	{1 In2306	ppm	0.0127	0.0095	75.01	0.0059	0.0194
K_7664	766.490	{ 4 Y_3710	ppm	0.2309	0.0039	1.675	0.2337	0.2282
K_7698	769.896	{ 4 Y_3710	ppm	0.4531	0.0482	10.64	0.4871	0.419
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	25.13	0.0003	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.037	0.0014	3.886	-0.038	-0.036
Mn2576	257.610	{1 Y_3600	ppm	0.0004	0	3.173	0.0004	0.0004
Mn2576-2	257.610	{1 Y_3710	ppm	0.0001	0.0005	308.5	0.0005	-0.0002
Mo2020	202.030	{4 Y_2243	ppm	0.0011	0.001	92.54	0.0004	0.0018
Na5895	589.592	{ 5 Y_3710	ppm	0.2886	0.0068	2.372	0.2935	0.2838
Na8183	818.326	{ 4 Y_3710	ppm	0.0694	0.2502	360.6	0.2463	-0.1075
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0006	142	0	0.0009
P_1782	178.284	{4 In2306	ppm	0.0013	0.0016	119.4	0.0002	0.0025
Pb2203	220.353	{4 In2306	ppm	0.001	0.0013	135.6	0	0.0019
S_1820	182.034	{4 Y_2243	ppm	-84.17	92.31	109.7	-18.9	-149.4
Sb2068	206.833	{4 Y_2243	ppm	0.0053	0.0014	27.14	0.0043	0.0064
Se1960	196.090	{4 Y_2243	ppm	0.0006	0.0012	187.1	-0.0002	0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0172	0.0108	62.7	0.0248	0.0096
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0007	106.1	0.0002	0.0011
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0	0.296	-0.0003	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0	14.91	0.0002	0.0002
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0002	78.16	0.0001	0.0003
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0002	52.17	-0.0002	-0.0004
Zn2062	206.200	{4 In2306	ppm	0.003	0.0007	23.05	0.0025	0.0035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.891	2.2309	4.4715	51.468	48.313
In2306	230.606	{4 Cts/S	10371	18.122	0.17474	10358	10383
Y_2243	224.306	{4 Cts/S	13137	60.622	0.46145	13095	13180
Y_3600	360.073	{ 9 Cts/S	115660	1781.3	1.5402	116920	114400
Y_3710	371.030	{ 9 Cts/S	6790.7	65.013	0.95737	6836.7	6744.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5001	0.0001	0.023	0.5	0.5001
Al3082	308.215	{1 In2306	ppm	10.22	0.2848	2.787	10.42	10.02
As1890	189.042	{4 Y_2243	ppm	0.9788	0.0008	0.0856	0.9782	0.9794
B_2496	249.678	{1 Y_3710	ppm	1.006	0.0112	1.109	1.014	0.9982
Ba4554	455.403	{ 7 Y_3710	ppm	1.036	0.0095	0.916	1.043	1.03
Be3130	313.042	{1 Y_3710	ppm	0.5024	0.0039	0.7843	0.5052	0.4996
Ca3158	315.887	{1 In2306	ppm	9.53	0.1909	2.004	9.665	9.394
Ca3181	318.128	{1 In2306	ppm	9.374	0.1625	1.733	9.489	9.259
Cd2288	228.802	{4 Y_2243	ppm	0.4779	0.0009	0.1967	0.4772	0.4785
Co2286	228.616	{4 In2306	ppm	0.965	0.0009	0.097	0.9657	0.9644
Cr2677	267.716	{1 Y_3600	ppm	0.9604	0.0031	0.3226	0.9582	0.9626
Cu3247	324.754	{1 Y_3600	ppm	0.9947	0.0052	0.5261	0.9984	0.991
Fe2404	240.488	{1 In2306	ppm	9.556	0.2096	2.194	9.704	9.408
K_7664	766.490	{ 4 Y_3710	ppm	12.07	0.1755	1.454	12.19	11.95
K_7698	769.896	{ 4 Y_3710	ppm	11.35	0.1402	1.235	11.45	11.25
Li6707	670.784	{ 5 Y_3710	ppm	0.5949	0.0103	1.731	0.6022	0.5876
Mg2790	279.079	{1 Y_3710	ppm	9.493	0.1022	1.077	9.565	9.42
Mn2576	257.610	{1 Y_3600	ppm	0.9615	0.001	0.1067	0.9607	0.9622
Mn2576-2	257.610	{1 Y_3710	ppm	0.9772	0.0052	0.5326	0.9809	0.9735
Mo2020	202.030	{4 Y_2243	ppm	1.003	0.0008	0.0823	1.004	1.003
Na5895	589.592	{ 5 Y_3710	ppm	11.83	0.1947	1.646	11.97	11.69
Na8183	818.326	{ 4 Y_3710	ppm	10.64	0.0524	0.4924	10.68	10.61
Ni2316	231.604	{4 In2306	ppm	0.9813	0.0021	0.209	0.9828	0.9799
P_1782	178.284	{4 In2306	ppm	0.0002	0.0007	343	-0.0003	0.0007
Pb2203	220.353	{4 In2306	ppm	0.9794	0.001	0.1066	0.9801	0.9786
S_1820	182.034	{4 Y_2243	ppm	-15.66	5.073	32.4	-12.07	-19.25
Sb2068	206.833	{4 Y_2243	ppm	0.9723	0.001	0.0979	0.973	0.9716
Se1960	196.090	{4 Y_2243	ppm	1.006	0.0016	0.158	1.005	1.007
Si2516	251.611	{1 Y_3710	ppm	0.9119	0.0123	1.352	0.9206	0.9032
Sn1899	189.989	{4 In2306	ppm	1.006	0.0074	0.7343	1.011	1
Sr4215	421.552	{ 8 Y_3710	ppm	0.525	0.004	0.7671	0.5278	0.5221
Ti3349	334.904	{1 Y_3600	ppm	0.9974	0.0002	0.0193	0.9975	0.9972
Tl1908	190.856	{4 In2306	ppm	1.018	0.0041	0.4067	1.021	1.015
V_2924	292.402	{1 Y_3600	ppm	0.9344	0.0009	0.092	0.9337	0.935
Zn2062	206.200	{4 In2306	ppm	0.9438	0.0024	0.2592	0.9455	0.9421

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.012	1.3467	2.7476	48.06	49.964
In2306	230.606	{4 Cts/S	9591.9	35.683	0.37201	9617.2	9566.7
Y_2243	224.306	{4 Cts/S	12700	70.677	0.5565	12750	12650
Y_3600	360.073	{ 9 Cts/S	110010	102.24	0.09294	109940	110080
Y_3710	371.030	{ 9 Cts/S	6703.6	59.91	0.89369	6661.3	6746

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2389	0.0011	0.4582	0.2397	0.2381
Al3082	308.215	{1 In2306	ppm	2.334	0.1919	8.225	2.198	2.469
As1890	189.042	{4 Y_2243	ppm	0.4784	0.0029	0.6084	0.4764	0.4805
B_2496	249.678	{1 Y_3710	ppm	0.4791	0.0068	1.417	0.4743	0.4839
Ba4554	455.403	{ 7 Y_3710	ppm	0.4905	0.0044	0.9029	0.4874	0.4936
Be3130	313.042	{1 Y_3710	ppm	0.4802	0.0052	1.081	0.4765	0.4838
Ca3158	315.887	{1 In2306	ppm	11.69	0.6778	5.8	11.21	12.17
Ca3181	318.128	{1 In2306	ppm	11.52	0.6857	5.952	11.04	12.01
Cd2288	228.802	{4 Y_2243	ppm	0.4686	0.0028	0.5884	0.4666	0.4705
Co2286	228.616	{4 In2306	ppm	0.4796	0.005	1.036	0.4761	0.4831
Cr2677	267.716	{1 Y_3600	ppm	0.4694	0.0012	0.2464	0.4702	0.4685
Cu3247	324.754	{1 Y_3600	ppm	0.4763	0.0037	0.7773	0.4789	0.4737
Fe2404	240.488	{1 In2306	ppm	2.346	0.0961	4.098	2.278	2.414
K_7664	766.490	{ 4 Y_3710	ppm	13.64	0.1433	1.051	13.53	13.74
K_7698	769.896	{ 4 Y_3710	ppm	12.9	0.1438	1.115	12.8	13
Li6707	670.784	{ 5 Y_3710	ppm	0.5317	0.0037	0.7017	0.529	0.5343
Mg2790	279.079	{1 Y_3710	ppm	4.545	0.0336	0.7399	4.521	4.569
Mn2576	257.610	{1 Y_3600	ppm	0.4708	0.0007	0.1563	0.4714	0.4703
Mn2576-2	257.610	{1 Y_3710	ppm	0.4717	0.0077	1.627	0.4663	0.4772
Mo2020	202.030	{4 Y_2243	ppm	0.4986	0.0071	1.416	0.4936	0.5036
Na5895	589.592	{ 5 Y_3710	ppm	13.35	0.1292	0.9676	13.26	13.44
Na8183	818.326	{ 4 Y_3710	ppm	12.42	0.0111	0.0893	12.43	12.41
Ni2316	231.604	{4 In2306	ppm	0.4879	0.0048	0.9816	0.4845	0.4913
P_1782	178.284	{4 In2306	ppm	0.0009	0.0001	15.3	0.0008	0.0009
Pb2203	220.353	{4 In2306	ppm	0.4836	0.0028	0.5844	0.4816	0.4856
S_1820	182.034	{4 Y_2243	ppm	-290.9	0.1625	0.0559	-291	-290.7
Sb2068	206.833	{4 Y_2243	ppm	0.501	0.0009	0.1708	0.5004	0.5016
Se1960	196.090	{4 Y_2243	ppm	0.499	0.0061	1.225	0.4947	0.5034
Si2516	251.611	{1 Y_3710	ppm	0.9001	0.0057	0.6317	0.8961	0.9041
Sn1899	189.989	{4 In2306	ppm	0.4993	0.0046	0.9299	0.496	0.5026
Sr4215	421.552	{ 8 Y_3710	ppm	0.251	0.0017	0.6769	0.2498	0.2522
Ti3349	334.904	{1 Y_3600	ppm	0.4909	0.0005	0.1107	0.4913	0.4905
Tl1908	190.856	{4 In2306	ppm	0.5093	0.01	1.97	0.5022	0.5164
V_2924	292.402	{1 Y_3600	ppm	0.4585	0.0012	0.2688	0.4593	0.4576
Zn2062	206.200	{4 In2306	ppm	0.4701	0.0027	0.5823	0.4682	0.4721

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.253	2.4419	4.8592	51.98	48.526
In2306	230.606	{4 Cts/S	9607	67.405	0.70163	9654.7	9559.3
Y_2243	224.306	{4 Cts/S	12671	110.12	0.86907	12749	12593
Y_3600	360.073	{ 9 Cts/S	110370	471.24	0.42697	110030	110700
Y_3710	371.030	{ 9 Cts/S	6890.8	50.913	0.73885	6926.8	6854.8

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:21:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0051	0.0001	1.062	0.005	0.0051
Al3082	308.215	{1 In2306	ppm	0.0393	0.0962	244.8	0.1073	-0.0287
As1890	189.042	{4 Y_2243	ppm	0.0078	0.0001	1.02	0.0078	0.0079
B_2496	249.678	{1 Y_3710	ppm	0.0019	0.0109	588	0.0096	-0.0059
Ba4554	455.403	{ 7 Y_3710	ppm	0.0093	0.0001	0.5676	0.0093	0.0092
Be3130	313.042	{1 Y_3710	ppm	0.0046	0.0003	5.691	0.0048	0.0044
Ca3158	315.887	{1 In2306	ppm	0.094	0.035	37.28	0.1187	0.0692
Ca3181	318.128	{1 In2306	ppm	0.0326	0.0502	154	-0.0029	0.0681
Cd2288	228.802	{4 Y_2243	ppm	0.0049	0.0005	10.31	0.0045	0.0052
Co2286	228.616	{4 In2306	ppm	0.0094	0.0006	6.773	0.0089	0.0098
Cr2677	267.716	{1 Y_3600	ppm	0.0099	0.001	10.34	0.0092	0.0106
Cu3247	324.754	{1 Y_3600	ppm	0.0102	0.0006	6.253	0.0098	0.0107
Fe2404	240.488	{1 In2306	ppm	0.0928	0.0308	33.16	0.1146	0.0711
K_7664	766.490	{ 4 Y_3710	ppm	0.7623	0.0632	8.294	0.807	0.7176
K_7698	769.896	{ 4 Y_3710	ppm	0.9104	0.0562	6.168	0.9502	0.8707
Li6707	670.784	{ 5 Y_3710	ppm	0.0107	0.0008	7.707	0.0113	0.0101
Mg2790	279.079	{1 Y_3710	ppm	0.0224	0.0558	249.2	0.0618	-0.0171
Mn2576	257.610	{1 Y_3600	ppm	0.0101	0.0008	7.655	0.0096	0.0107
Mn2576-2	257.610	{1 Y_3710	ppm	0.0089	0.0006	6.502	0.0085	0.0093
Mo2020	202.030	{4 Y_2243	ppm	0.011	0.0008	7.339	0.0105	0.0116
Na5895	589.592	{ 5 Y_3710	ppm	0.7381	0.0455	6.17	0.7703	0.7059
Na8183	818.326	{ 4 Y_3710	ppm	0.631	0.0011	0.171	0.6303	0.6318
Ni2316	231.604	{4 In2306	ppm	0.0097	0.0008	8.758	0.0091	0.0103
P_1782	178.284	{4 In2306	ppm	0.0083	0.0011	12.96	0.0091	0.0076
Pb2203	220.353	{4 In2306	ppm	0.0109	0.0002	1.943	0.0111	0.0108
S_1820	182.034	{4 Y_2243	ppm	-8.244	0.5804	7.04	-7.834	-8.654
Sb2068	206.833	{4 Y_2243	ppm	0.019	0.0013	6.738	0.0181	0.0199
Se1960	196.090	{4 Y_2243	ppm	0.0092	0.0005	5.682	0.0096	0.0089
Si2516	251.611	{1 Y_3710	ppm	0.0302	0.0039	13.02	0.033	0.0274
Sn1899	189.989	{4 In2306	ppm	0.0105	0.0006	5.963	0.01	0.0109
Sr4215	421.552	{ 8 Y_3710	ppm	0.0045	0.0001	3.069	0.0046	0.0044
Ti3349	334.904	{1 Y_3600	ppm	0.0113	0.0008	6.896	0.0107	0.0118
Tl1908	190.856	{4 In2306	ppm	0.0096	0.0005	5.262	0.0099	0.0092
V_2924	292.402	{1 Y_3600	ppm	0.0091	0.0009	10.38	0.0084	0.0098
Zn2062	206.200	{4 In2306	ppm	0.0092	0.0005	5.888	0.0088	0.0095

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.958	1.7215	3.3133	50.741	53.176
In2306	230.606	{4 Cts/S	10318	94.383	0.9147	10385	10252
Y_2243	224.306	{4 Cts/S	13089	133.78	1.0221	13184	12995
Y_3600	360.073	{ 9 Cts/S	109580	6895.3	6.2924	114460	104710
Y_3710	371.030	{ 9 Cts/S	7067.7	218.84	3.0964	6913	7222.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:23:50
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0	16.28	-0.0001	-0.0002
Al3082	308.215	{1 In2306	ppm	-0.0113	0.0157	139.5	-0.0002	-0.0224
As1890	189.042	{4 Y_2243	ppm	-0.0011	0.0003	25.1	-0.0009	-0.0013
B_2496	249.678	{1 Y_3710	ppm	-0.0099	0	0.0603	-0.0099	-0.0099
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0003	102.6	-0.0005	-0.0001
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	96.72	-0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.0098	0.0121	124.1	-0.0183	-0.0012
Ca3181	318.128	{1 In2306	ppm	0.0042	0.1218	2918	-0.082	0.0903
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	263.1	-0.0001	0
Co2286	228.616	{4 In2306	ppm	0.0001	0	40.2	0.0001	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0005	281.3	0.0002	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0002	158.1	0.0002	0
Fe2404	240.488	{1 In2306	ppm	0.0038	0.0022	59.37	0.0053	0.0022
K_7664	766.490	{ 4 Y_3710	ppm	0.1301	0.0075	5.746	0.1354	0.1249
K_7698	769.896	{ 4 Y_3710	ppm	0.2908	0.0192	6.607	0.3044	0.2772
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	50.27	0.0002	0.0003
Mg2790	279.079	{1 Y_3710	ppm	-0.0093	0.031	332.6	-0.0313	0.0126
Mn2576	257.610	{1 Y_3600	ppm	0	0	440.6	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0005	0.0008	163.4	-0.001	0.0001
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0	18.15	0.0002	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.1083	0.003	2.773	0.1062	0.1104
Na8183	818.326	{ 4 Y_3710	ppm	0.476	0.0838	17.6	0.5352	0.4168
Ni2316	231.604	{4 In2306	ppm	0	0	27.2	0	0.0001
P_1782	178.284	{4 In2306	ppm	-0.0003	0.0004	114.6	-0.0006	-0.0001
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0003	40.8	0.0005	0.0009
S_1820	182.034	{4 Y_2243	ppm	-6.773	0.1321	1.95	-6.867	-6.68
Sb2068	206.833	{4 Y_2243	ppm	0.0029	0	1.065	0.0028	0.0029
Se1960	196.090	{4 Y_2243	ppm	-0.0001	0.001	687.3	-0.0008	0.0006
Si2516	251.611	{1 Y_3710	ppm	0.0001	0.0167	22130	-0.0117	0.0119
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0004	511.5	-0.0002	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0.0001	36.12	-0.0003	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0003	0.0003	106.3	-0.0001	-0.0006
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0006	128.3	0	-0.0008
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0005	189.5	-0.0006	0.0001
Zn2062	206.200	{4 In2306	ppm	0	0.0001	163.6	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.084	0.57694	1.152	50.492	49.676
In2306	230.606	{4 Cts/S	10268	171.8	1.6731	10390	10147
Y_2243	224.306	{4 Cts/S	12935	224.31	1.7341	13093	12776
Y_3600	360.073	{ 9 Cts/S	113270	48.231	0.04258	113230	113300
Y_3710	371.030	{ 9 Cts/S	6820.8	26.542	0.38913	6802.1	6839.6

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Custom ID3=
Run Time=1/14/2012 14:26:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0	76.95	0	0
Al3082	308.215	{1 In2306	ppm	0.1634	0.0203	12.41	0.1491	0.1778
As1890	189.042	{4 Y_2243	ppm	-0.0005	0.0008	149.1	-0.001	0
B_2496	249.678	{1 Y_3710	ppm	-0.0045	0.0078	172.9	0.001	-0.01
Ba4554	455.403	{ 7 Y_3710	ppm	0.0054	0.0001	1.068	0.0054	0.0055
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	1019	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	2.125	0.0701	3.299	2.076	2.175
Ca3181	318.128	{1 In2306	ppm	2.181	0.0176	0.8056	2.169	2.194
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	7.231	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	17.01	0.0002	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0002	0	6.246	0.0003	0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0007	0.0002	35.49	0.0005	0.0009
Fe2404	240.488	{1 In2306	ppm	0.2699	0.0197	7.3	0.2559	0.2838
K_7664	766.490	{ 4 Y_3710	ppm	0.3324	0.009	2.707	0.3388	0.326
K_7698	769.896	{ 4 Y_3710	ppm	0.4736	0.0373	7.873	0.4473	0.5
Li6707	670.784	{ 5 Y_3710	ppm	0	0.0003	841.7	-0.0002	0.0003
Mg2790	279.079	{1 Y_3710	ppm	0.0912	0.0009	0.9325	0.0918	0.0906
Mn2576	257.610	{1 Y_3600	ppm	0.0111	0.0001	1.332	0.0112	0.011
Mn2576-2	257.610	{1 Y_3710	ppm	0.0112	0.0008	7.387	0.0117	0.0106
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0001	30.93	0.0004	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.3444	0.006	1.746	0.3402	0.3487
Na8183	818.326	{ 4 Y_3710	ppm	0.4255	0.1119	26.31	0.5047	0.3463
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0002	31.4	0.0006	0.0004
P_1782	178.284	{4 In2306	ppm	0.0168	0.0003	1.964	0.0166	0.017
Pb2203	220.353	{4 In2306	ppm	0.0113	0.0003	2.299	0.0115	0.0111
S_1820	182.034	{4 Y_2243	ppm	-36.86	0.3331	0.9039	-36.62	-37.09
Sb2068	206.833	{4 Y_2243	ppm	0.0018	0.0007	41.16	0.0013	0.0023
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0	13.38	-0.0002	-0.0002
Si2516	251.611	{1 Y_3710	ppm	0.3417	0.0225	6.587	0.3576	0.3258
Sn1899	189.989	{4 In2306	ppm	0	0.0001	113.6	0.0001	0
Sr4215	421.552	{ 8 Y_3710	ppm	0.0058	0.0002	3.459	0.0057	0.006
Ti3349	334.904	{1 Y_3600	ppm	0.0061	0.0004	5.979	0.0064	0.0059
Tl1908	190.856	{4 In2306	ppm	-0.0002	0.0003	150	0	-0.0005
V_2924	292.402	{1 Y_3600	ppm	0.0005	0.0003	58.18	0.0003	0.0007
Zn2062	206.200	{4 In2306	ppm	0.0044	0	0.4811	0.0044	0.0043

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.223	0.22485	0.46628	48.382	48.064
In2306	230.606	{4 Cts/S	10282	93.604	0.91035	10348	10216
Y_2243	224.306	{4 Cts/S	13031	126.94	0.97411	13121	12941
Y_3600	360.073	{ 9 Cts/S	112590	825.46	0.73314	112010	113180
Y_3710	371.030	{ 9 Cts/S	6812.7	161.08	2.3644	6926.6	6698.8

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Custom ID3=
Run Time=1/14/2012 14:29:14
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	157.8	-0.0001	0
Al3082	308.215	{1 In2306	ppm	0.2112	0.0444	21.01	0.1798	0.2426
As1890	189.042	{4 Y_2243	ppm	-0.0014	0.0001	5.57	-0.0014	-0.0015
B_2496	249.678	{1 Y_3710	ppm	-0.0108	0.0031	29.05	-0.0131	-0.0086
Ba4554	455.403	{ 7 Y_3710	ppm	0.0027	0	0.195	0.0028	0.0027
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0002	81.07	0.0004	0.0001
Ca3158	315.887	{1 In2306	ppm	2.066	0.0546	2.642	2.028	2.105
Ca3181	318.128	{1 In2306	ppm	2.01	0.0181	0.9021	1.997	2.023
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	22.34	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	13.29	0.0003	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0003	0.0004	129.3	0	0.0006
Cu3247	324.754	{1 Y_3600	ppm	0.0009	0.0001	11.88	0.0009	0.001
Fe2404	240.488	{1 In2306	ppm	0.2465	0.0043	1.737	0.2495	0.2434
K_7664	766.490	{ 4 Y_3710	ppm	0.3005	0.0095	3.15	0.3072	0.2938
K_7698	769.896	{ 4 Y_3710	ppm	0.4193	0.1046	24.94	0.4932	0.3453
Li6707	670.784	{ 5 Y_3710	ppm	0.0001	0.0005	622	0.0005	-0.0003
Mg2790	279.079	{1 Y_3710	ppm	0.0737	0.0339	45.95	0.0977	0.0498
Mn2576	257.610	{1 Y_3600	ppm	0.011	0.0001	1.267	0.0109	0.0111
Mn2576-2	257.610	{1 Y_3710	ppm	0.0129	0.0049	38.08	0.0164	0.0094
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	36.62	0.0003	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.2696	0.0125	4.654	0.2785	0.2607
Na8183	818.326	{ 4 Y_3710	ppm	0.3413	0.0182	5.326	0.3542	0.3285
Ni2316	231.604	{4 In2306	ppm	0.0003	0.0001	27.18	0.0004	0.0002
P_1782	178.284	{4 In2306	ppm	0.0157	0	0.1938	0.0157	0.0158
Pb2203	220.353	{4 In2306	ppm	0.0105	0.0006	5.926	0.01	0.0109
S_1820	182.034	{4 Y_2243	ppm	-28.61	0.1336	0.4668	-28.71	-28.52
Sb2068	206.833	{4 Y_2243	ppm	0.0005	0.0014	264	-0.0005	0.0015
Se1960	196.090	{4 Y_2243	ppm	0.001	0.0003	26.56	0.0012	0.0009
Si2516	251.611	{1 Y_3710	ppm	0.2741	0.0143	5.21	0.2842	0.264
Sn1899	189.989	{4 In2306	ppm	0.0002	0	16.77	0.0002	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0058	0.0001	2.222	0.0057	0.0059
Ti3349	334.904	{1 Y_3600	ppm	0.0039	0.0003	7.747	0.0037	0.0041
Tl1908	190.856	{4 In2306	ppm	-0.001	0.0003	28.22	-0.0012	-0.0008
V_2924	292.402	{1 Y_3600	ppm	0.0004	0	0.5065	0.0004	0.0004
Zn2062	206.200	{4 In2306	ppm	0.0039	0	0.8418	0.0038	0.0039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.436	1.1462	2.3186	50.246	48.625
In2306	230.606	{4 Cts/S	10207	21.377	0.20944	10192	10222
Y_2243	224.306	{4 Cts/S	12891	26.445	0.20515	12872	12909
Y_3600	360.073	{ 9 Cts/S	111020	1398.7	1.2598	112010	110030
Y_3710	371.030	{ 9 Cts/S	6901.7	45.839	0.66417	6869.3	6934.1

[Sample Header]
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:31:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4881	0.0025	0.5211	0.4899	0.4863
Al3082	308.215	{1 In2306	ppm	10.03	0.494	4.926	9.679	10.38
As1890	189.042	{4 Y_2243	ppm	0.9701	0.0112	1.156	0.978	0.9622
B_2496	249.678	{1 Y_3710	ppm	0.9827	0.047	4.78	0.9495	1.016
Ba4554	455.403	{ 7 Y_3710	ppm	1.002	0.0396	3.955	0.9743	1.03
Be3130	313.042	{1 Y_3710	ppm	0.4879	0.0208	4.264	0.4732	0.5026
Ca3158	315.887	{1 In2306	ppm	11.2	0.5335	4.765	10.82	11.57
Ca3181	318.128	{1 In2306	ppm	11.09	0.4975	4.486	10.74	11.44
Cd2288	228.802	{4 Y_2243	ppm	0.4746	0.0048	1.005	0.4779	0.4712
Co2286	228.616	{4 In2306	ppm	0.9552	0.0109	1.141	0.9629	0.9475
Cr2677	267.716	{1 Y_3600	ppm	0.9477	0.012	1.27	0.9562	0.9392
Cu3247	324.754	{1 Y_3600	ppm	0.9586	0.0016	0.1652	0.9597	0.9574
Fe2404	240.488	{1 In2306	ppm	9.477	0.5371	5.668	9.097	9.857
K_7664	766.490	{ 4 Y_3710	ppm	11.84	0.4975	4.203	11.49	12.19
K_7698	769.896	{ 4 Y_3710	ppm	11.22	0.4893	4.361	10.87	11.57
Li6707	670.784	{ 5 Y_3710	ppm	0.5802	0.0259	4.459	0.5619	0.5985
Mg2790	279.079	{1 Y_3710	ppm	9.429	0.2447	2.595	9.256	9.602
Mn2576	257.610	{1 Y_3600	ppm	0.9483	0.005	0.5287	0.9518	0.9448
Mn2576-2	257.610	{1 Y_3710	ppm	0.9601	0.0397	4.135	0.932	0.9882
Mo2020	202.030	{4 Y_2243	ppm	0.9939	0.0137	1.382	1.004	0.9842
Na5895	589.592	{ 5 Y_3710	ppm	11.62	0.5171	4.45	11.25	11.99
Na8183	818.326	{ 4 Y_3710	ppm	10.67	0.4796	4.493	10.33	11.01
Ni2316	231.604	{4 In2306	ppm	0.9699	0.0106	1.092	0.9774	0.9624
P_1782	178.284	{4 In2306	ppm	0.0166	0.0003	1.652	0.0164	0.0168
Pb2203	220.353	{4 In2306	ppm	0.9794	0.0081	0.8285	0.9851	0.9736
S_1820	182.034	{4 Y_2243	ppm	-29.07	0.2261	0.7776	-29.23	-28.91
Sb2068	206.833	{4 Y_2243	ppm	0.9625	0.0159	1.648	0.9737	0.9513
Se1960	196.090	{4 Y_2243	ppm	0.9976	0.0064	0.6443	1.002	0.9931
Si2516	251.611	{1 Y_3710	ppm	1.203	0.0625	5.195	1.159	1.247
Sn1899	189.989	{4 In2306	ppm	0.9941	0.0125	1.257	1.003	0.9853
Sr4215	421.552	{ 8 Y_3710	ppm	0.5121	0.0208	4.067	0.4974	0.5268
Ti3349	334.904	{1 Y_3600	ppm	0.9771	0.0074	0.7568	0.9824	0.9719
Tl1908	190.856	{4 In2306	ppm	1.007	0.0149	1.482	1.018	0.9965
V_2924	292.402	{1 Y_3600	ppm	0.908	0.0016	0.1779	0.9091	0.9068
Zn2062	206.200	{4 In2306	ppm	0.9299	0.01	1.077	0.937	0.9228

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.352	2.0938	4.1583	51.833	48.872
In2306	230.606	{4 Cts/S	9592	0.459	0.00479	9592.4	9591.7
Y_2243	224.306	{4 Cts/S	12682	10.415	0.08213	12689	12674
Y_3600	360.073	{ 9 Cts/S	111540	163.75	0.14681	111420	111650
Y_3710	371.030	{ 9 Cts/S	6860.9	252.19	3.6757	7039.2	6682.5

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:34:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4947	0.0032	0.6416	0.4925	0.497
Al3082	308.215	{1 In2306	ppm	10.22	0.1221	1.195	10.31	10.13
As1890	189.042	{4 Y_2243	ppm	0.9986	0.0097	0.9693	0.9917	1.005
B_2496	249.678	{1 Y_3710	ppm	1.016	0.0112	1.106	1.024	1.009
Ba4554	455.403	{ 7 Y_3710	ppm	1.029	0.0057	0.5531	1.033	1.025
Be3130	313.042	{1 Y_3710	ppm	0.5035	0.0026	0.5145	0.5054	0.5017
Ca3158	315.887	{1 In2306	ppm	11.48	0.1687	1.469	11.6	11.36
Ca3181	318.128	{1 In2306	ppm	11.24	0.3109	2.766	11.46	11.02
Cd2288	228.802	{4 Y_2243	ppm	0.4896	0.0021	0.4218	0.4881	0.491
Co2286	228.616	{4 In2306	ppm	0.9855	0.0038	0.3825	0.9828	0.9881
Cr2677	267.716	{1 Y_3600	ppm	0.9597	0.0069	0.7155	0.9549	0.9646
Cu3247	324.754	{1 Y_3600	ppm	0.9794	0.0093	0.9498	0.9728	0.986
Fe2404	240.488	{1 In2306	ppm	9.661	0.0678	0.7015	9.709	9.613
K_7664	766.490	{ 4 Y_3710	ppm	12.1	0.1144	0.9455	12.18	12.02
K_7698	769.896	{ 4 Y_3710	ppm	11.29	0.0992	0.8785	11.36	11.22
Li6707	670.784	{ 5 Y_3710	ppm	0.5899	0.0062	1.051	0.5943	0.5856
Mg2790	279.079	{1 Y_3710	ppm	9.774	0.0768	0.7859	9.828	9.72
Mn2576	257.610	{1 Y_3600	ppm	0.9584	0.0049	0.5102	0.955	0.9619
Mn2576-2	257.610	{1 Y_3710	ppm	0.9972	0.009	0.9057	1.004	0.9908
Mo2020	202.030	{4 Y_2243	ppm	1.028	0.0044	0.4238	1.025	1.031
Na5895	589.592	{ 5 Y_3710	ppm	11.81	0.1204	1.019	11.9	11.73
Na8183	818.326	{ 4 Y_3710	ppm	10.77	0.0982	0.9118	10.7	10.84
Ni2316	231.604	{4 In2306	ppm	1.003	0.0044	0.4375	0.9998	1.006
P_1782	178.284	{4 In2306	ppm	0.0175	0.0006	3.655	0.018	0.0171
Pb2203	220.353	{4 In2306	ppm	1.007	0.0046	0.4588	1.003	1.01
S_1820	182.034	{4 Y_2243	ppm	-29.84	0.0563	0.1887	-29.88	-29.8
Sb2068	206.833	{4 Y_2243	ppm	1.006	0	0.0009	1.006	1.006
Se1960	196.090	{4 Y_2243	ppm	1.029	0.0032	0.3152	1.026	1.031
Si2516	251.611	{1 Y_3710	ppm	1.27	0.0235	1.852	1.287	1.254
Sn1899	189.989	{4 In2306	ppm	1.026	0.0052	0.5048	1.022	1.029
Sr4215	421.552	{ 8 Y_3710	ppm	0.5282	0.0038	0.7172	0.5309	0.5255
Ti3349	334.904	{1 Y_3600	ppm	0.9948	0.0018	0.1794	0.9961	0.9936
Tl1908	190.856	{4 In2306	ppm	1.041	0.0016	0.1577	1.04	1.042
V_2924	292.402	{1 Y_3600	ppm	0.9206	0.0053	0.5705	0.9169	0.9243
Zn2062	206.200	{4 In2306	ppm	0.9603	0.0032	0.3297	0.958	0.9625

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.08	0.4756	0.94969	49.744	50.416
In2306	230.606	{4 Cts/S	9458.9	46.973	0.4966	9492.1	9425.7
Y_2243	224.306	{4 Cts/S	12512	60.759	0.48559	12555	12469
Y_3600	360.073	{ 9 Cts/S	110610	519.96	0.47008	110980	110240
Y_3710	371.030	{ 9 Cts/S	6736.6	52.665	0.78177	6699.4	6773.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0003	3127	-0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	0.8902	0.0012	0.1369	0.8911	0.8893
As1890	189.042	{4 Y_2243	ppm	0.0117	0.0063	53.79	0.0072	0.0161
B_2496	249.678	{1 Y_3710	ppm	0.3394	0.0258	7.616	0.3211	0.3577
Ba4554	455.403	{ 7 Y_3710	ppm	0.1057	0.0062	5.856	0.1013	0.11
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	89.96	0.0003	0.0001
Ca3158	315.887	{1 In2306	ppm	60.86	1.856	3.05	59.54	62.17
Ca3181	318.128	{1 In2306	ppm	59.72	1.954	3.273	58.33	61.1
Cd2288	228.802	{4 Y_2243	ppm	0.0037	0.0042	115.9	0.0007	0.0066
Co2286	228.616	{4 In2306	ppm	0.0097	0.009	93.11	0.0033	0.016
Cr2677	267.716	{1 Y_3600	ppm	0.0021	0.0002	9.92	0.0022	0.0019
Cu3247	324.754	{1 Y_3600	ppm	0.0847	0.0008	0.9375	0.0853	0.0842
Fe2404	240.488	{1 In2306	ppm	0.5684	0.0151	2.654	0.5577	0.579
K_7664	766.490	{ 4 Y_3710	ppm	13.21	0.4106	3.108	12.92	13.5
K_7698	769.896	{ 4 Y_3710	ppm	12.59	0.5555	4.414	12.19	12.98
Li6707	670.784	{ 5 Y_3710	ppm	0.0157	0.0006	3.653	0.0153	0.0161
Mg2790	279.079	{1 Y_3710	ppm	7.314	0.543	7.425	6.93	7.698
Mn2576	257.610	{1 Y_3600	ppm	0.4551	0.0003	0.0613	0.4553	0.4549
Mn2576-2	257.610	{1 Y_3710	ppm	0.4553	0.0304	6.676	0.4339	0.4768
Mo2020	202.030	{4 Y_2243	ppm	0.0177	0.0104	58.59	0.0104	0.0251
Na5895	589.592	{ 5 Y_3710	ppm	223.3	23.19	10.39	206.9	239.6
Na8183	818.326	{ 4 Y_3710	ppm	227.2	11.84	5.212	218.8	235.6
Ni2316	231.604	{4 In2306	ppm	0.0147	0.0087	58.78	0.0086	0.0209
P_1782	178.284	{4 In2306	ppm	0.549	0.0299	5.454	0.5701	0.5278
Pb2203	220.353	{4 In2306	ppm	0.0079	0.0069	88.06	0.003	0.0128
S_1820	182.034	{4 Y_2243	ppm	-13080	619.5	4.736	-13520	-12640
Sb2068	206.833	{4 Y_2243	ppm	0.0256	0.0095	37.03	0.0189	0.0323
Se1960	196.090	{4 Y_2243	ppm	0.0066	0.0062	93.6	0.0022	0.011
Si2516	251.611	{1 Y_3710	ppm	3.983	0.2329	5.848	3.818	4.147
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0105	96.68	0.0034	0.0182
Sr4215	421.552	{ 8 Y_3710	ppm	0.5061	0.0318	6.286	0.4836	0.5286
Ti3349	334.904	{1 Y_3600	ppm	0.0051	0	0.1582	0.0051	0.0051
Tl1908	190.856	{4 In2306	ppm	0.0074	0.0093	125.6	0.0008	0.014
V_2924	292.402	{1 Y_3600	ppm	0.0023	0.0004	19.29	0.0026	0.002
Zn2062	206.200	{4 In2306	ppm	0.1866	0.0009	0.5061	0.1872	0.1859

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.507	0.05807	0.11971	48.548	48.466
In2306	230.606	{4 Cts/S	8733.6	289.56	3.3155	8528.8	8938.3
Y_2243	224.306	{4 Cts/S	12077	382.57	3.1679	11806	12347
Y_3600	360.073	{ 9 Cts/S	101750	118	0.11597	101670	101840
Y_3710	371.030	{ 9 Cts/S	6831.1	331.84	4.8577	7065.8	6596.5

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0	10.09	0.0001	0.0001
Al3082	308.215	{1 In2306	ppm	1.898	0.0315	1.661	1.876	1.92
As1890	189.042	{4 Y_2243	ppm	0.0003	0.0006	180	0.0008	-0.0001
B_2496	249.678	{1 Y_3710	ppm	0.0554	0.0062	11.18	0.0511	0.0598
Ba4554	455.403	{ 7 Y_3710	ppm	0.0277	0.0017	6.053	0.0265	0.0288
Be3130	313.042	{1 Y_3710	ppm	0.0002	0	19.31	0.0002	0.0002
Ca3158	315.887	{1 In2306	ppm	27.73	1.324	4.773	26.8	28.67
Ca3181	318.128	{1 In2306	ppm	27.52	1.517	5.513	26.45	28.59
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0.0001	40.77	0.0002	0.0004
Co2286	228.616	{4 In2306	ppm	0.0007	0.0003	36.28	0.0006	0.0009
Cr2677	267.716	{1 Y_3600	ppm	0.0071	0.0006	8.908	0.0075	0.0066
Cu3247	324.754	{1 Y_3600	ppm	0.0076	0.001	12.86	0.0083	0.0069
Fe2404	240.488	{1 In2306	ppm	1.429	0.1407	9.85	1.329	1.528
K_7664	766.490	{ 4 Y_3710	ppm	1.163	0.1059	9.107	1.088	1.238
K_7698	769.896	{ 4 Y_3710	ppm	1.256	0.0696	5.536	1.207	1.306
Li6707	670.784	{ 5 Y_3710	ppm	0.0024	0.0004	15.44	0.0021	0.0026
Mg2790	279.079	{1 Y_3710	ppm	0.7332	0.0439	5.992	0.7022	0.7643
Mn2576	257.610	{1 Y_3600	ppm	0.0342	0.0028	8.243	0.0362	0.0322
Mn2576-2	257.610	{1 Y_3710	ppm	0.0358	0.0039	10.81	0.0331	0.0386
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0005	21.95	0.002	0.0027
Na5895	589.592	{ 5 Y_3710	ppm	1.224	0.0704	5.748	1.175	1.274
Na8183	818.326	{ 4 Y_3710	ppm	1.177	0.0166	1.412	1.165	1.189
Ni2316	231.604	{4 In2306	ppm	0.0015	0.0001	9.823	0.0014	0.0016
P_1782	178.284	{4 In2306	ppm	0.2473	0.0004	0.1523	0.247	0.2476
Pb2203	220.353	{4 In2306	ppm	0.0108	0.0001	1.123	0.0107	0.0109
S_1820	182.034	{4 Y_2243	ppm	-279.6	39.21	14.03	-251.8	-307.3
Sb2068	206.833	{4 Y_2243	ppm	0.0082	0.0004	5.333	0.0086	0.0079
Se1960	196.090	{4 Y_2243	ppm	0.001	0.002	198.1	0.0024	-0.0004
Si2516	251.611	{1 Y_3710	ppm	4.611	0.3877	8.407	4.337	4.885
Sn1899	189.989	{4 In2306	ppm	0.0016	0.0003	21.1	0.0014	0.0019
Sr4215	421.552	{ 8 Y_3710	ppm	0.042	0.0031	7.278	0.0399	0.0442
Ti3349	334.904	{1 Y_3600	ppm	0.073	0.0075	10.25	0.0783	0.0677
Tl1908	190.856	{4 In2306	ppm	0.0009	0.0007	75	0.0014	0.0004
V_2924	292.402	{1 Y_3600	ppm	0.0039	0.0002	5.148	0.0037	0.004
Zn2062	206.200	{4 In2306	ppm	0.5839	0.0035	0.5909	0.5864	0.5815

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.247	1.4013	3.03	47.238	45.256
In2306	230.606	{4 Cts/S	9800.5	13.733	0.14013	9810.2	9790.8
Y_2243	224.306	{4 Cts/S	12640	11.887	0.09404	12649	12632
Y_3600	360.073	{ 9 Cts/S	112660	6936	6.1565	107760	117570
Y_3710	371.030	{ 9 Cts/S	6552.8	412	6.2874	6844.1	6261.4

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Custom ID3=
Run Time=1/14/2012 14:42:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0005	177.5	0.0007	-0.0001
Al3082	308.215	{1 In2306	ppm	4.005	0.2485	6.204	4.181	3.83
As1890	189.042	{4 Y_2243	ppm	0.0023	0.0001	5.297	0.0024	0.0022
B_2496	249.678	{1 Y_3710	ppm	0.0142	0.0171	119.8	0.0263	0.0022
Ba4554	455.403	{ 7 Y_3710	ppm	0.0679	0.0037	5.411	0.0705	0.0653
Be3130	313.042	{1 Y_3710	ppm	0.0005	0.0004	87.24	0.0002	0.0008
Ca3158	315.887	{1 In2306	ppm	52.77	3.639	6.897	55.34	50.2
Ca3181	318.128	{1 In2306	ppm	52.1	3.633	6.972	54.67	49.53
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	15.63	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0014	0	2.714	0.0014	0.0014
Cr2677	267.716	{1 Y_3600	ppm	0.0085	0.0002	2.576	0.0083	0.0087
Cu3247	324.754	{1 Y_3600	ppm	0.0151	0.0002	1.509	0.0152	0.0149
Fe2404	240.488	{1 In2306	ppm	2.271	0.1633	7.189	2.387	2.156
K_7664	766.490	{ 4 Y_3710	ppm	4.439	0.2452	5.524	4.613	4.266
K_7698	769.896	{ 4 Y_3710	ppm	4.31	0.1731	4.016	4.432	4.187
Li6707	670.784	{ 5 Y_3710	ppm	0.0045	0.0005	10.12	0.0042	0.0048
Mg2790	279.079	{1 Y_3710	ppm	4.518	0.3099	6.86	4.737	4.299
Mn2576	257.610	{1 Y_3600	ppm	0.1595	0.0008	0.4921	0.159	0.1601
Mn2576-2	257.610	{1 Y_3710	ppm	0.159	0.0079	4.979	0.1645	0.1534
Mo2020	202.030	{4 Y_2243	ppm	0.0011	0.0001	9.344	0.001	0.0011
Na5895	589.592	{ 5 Y_3710	ppm	4.305	0.2368	5.5	4.472	4.137
Na8183	818.326	{ 4 Y_3710	ppm	4.031	0.3279	8.135	4.262	3.799
Ni2316	231.604	{4 In2306	ppm	0.0033	0	1.121	0.0033	0.0032
P_1782	178.284	{4 In2306	ppm	0.4294	0.0041	0.9518	0.4323	0.4266
Pb2203	220.353	{4 In2306	ppm	0.0093	0.0017	18.6	0.0105	0.008
S_1820	182.034	{4 Y_2243	ppm	-4678	68.68	1.468	-4726	-4629
Sb2068	206.833	{4 Y_2243	ppm	0.0025	0.0006	22.06	0.0029	0.0021
Se1960	196.090	{4 Y_2243	ppm	0.0001	0.0005	437.3	0.0004	-0.0002
Si2516	251.611	{1 Y_3710	ppm	9.596	0.6125	6.383	10.03	9.163
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	69.58	0.0002	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	0.1221	0.0076	6.253	0.1275	0.1167
Ti3349	334.904	{1 Y_3600	ppm	0.1534	0.0017	1.093	0.1522	0.1545
Tl1908	190.856	{4 In2306	ppm	-0.0008	0.0019	244.1	0.0006	-0.0022
V_2924	292.402	{1 Y_3600	ppm	0.0092	0	0.2108	0.0092	0.0092
Zn2062	206.200	{4 In2306	ppm	0.0919	0.0031	3.413	0.0897	0.0942

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.831	2.7634	5.5456	47.877	51.785
In2306	230.606	{4 Cts/S	9467.1	59.44	0.62785	9425.1	9509.2
Y_2243	224.306	{4 Cts/S	12458	61.079	0.49028	12415	12501
Y_3600	360.073	{ 9 Cts/S	108880	241.38	0.2217	109050	108710
Y_3710	371.030	{ 9 Cts/S	6773.5	332.72	4.9121	6538.2	7008.7

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:44:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0003	208.4	0.0004	-0.0001
Al3082	308.215	{1 In2306	ppm	0.9497	0.0401	4.218	0.9214	0.978
As1890	189.042	{4 Y_2243	ppm	0.0056	0.0009	15.34	0.005	0.0062
B_2496	249.678	{1 Y_3710	ppm	0.3303	0.0205	6.194	0.3158	0.3447
Ba4554	455.403	{ 7 Y_3710	ppm	0.111	0.0003	0.2465	0.1108	0.1112
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	62.13	0.0001	0.0003
Ca3158	315.887	{1 In2306	ppm	62.37	2.027	3.25	63.8	60.94
Ca3181	318.128	{1 In2306	ppm	61.53	2.141	3.479	63.05	60.02
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0	6.058	0.0003	0.0002
Co2286	228.616	{4 In2306	ppm	0.0025	0.0001	2.476	0.0025	0.0025
Cr2677	267.716	{1 Y_3600	ppm	0.0022	0.0002	8.024	0.0021	0.0024
Cu3247	324.754	{1 Y_3600	ppm	0.0866	0.0019	2.194	0.088	0.0853
Fe2404	240.488	{1 In2306	ppm	0.6508	0.018	2.759	0.6635	0.6381
K_7664	766.490	{ 4 Y_3710	ppm	13.31	0.2205	1.656	13.16	13.47
K_7698	769.896	{ 4 Y_3710	ppm	12.76	0.1978	1.55	12.62	12.9
Li6707	670.784	{ 5 Y_3710	ppm	0.0157	0.0003	1.844	0.0155	0.0159
Mg2790	279.079	{1 Y_3710	ppm	7.543	0.0088	0.1161	7.549	7.537
Mn2576	257.610	{1 Y_3600	ppm	0.4598	0.003	0.6553	0.462	0.4577
Mn2576-2	257.610	{1 Y_3710	ppm	0.4658	0.0026	0.5674	0.4677	0.4639
Mo2020	202.030	{4 Y_2243	ppm	0.0075	0.0001	1.823	0.0076	0.0074
Na5895	589.592	{ 5 Y_3710	ppm	226.3	3.055	1.35	224.1	228.4
Na8183	818.326	{ 4 Y_3710	ppm	230.2	1.539	0.6685	229.1	231.3
Ni2316	231.604	{4 In2306	ppm	0.0072	0.0004	4.982	0.0069	0.0074
P_1782	178.284	{4 In2306	ppm	0.5979	0.0013	0.2214	0.5988	0.597
Pb2203	220.353	{4 In2306	ppm	0.0015	0.0009	55.84	0.0009	0.0021
S_1820	182.034	{4 Y_2243	ppm	-13560	34.88	0.2572	-13590	-13540
Sb2068	206.833	{4 Y_2243	ppm	-0.0001	0.0005	637.6	0.0003	-0.0005
Se1960	196.090	{4 Y_2243	ppm	0.0023	0.0011	49.59	0.0015	0.0031
Si2516	251.611	{1 Y_3710	ppm	4.201	0.0038	0.0902	4.198	4.204
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0001	17.99	0.0005	0.0007
Sr4215	421.552	{ 8 Y_3710	ppm	0.5128	0.0026	0.502	0.511	0.5146
Ti3349	334.904	{1 Y_3600	ppm	0.0034	0.0003	9.187	0.0032	0.0037
Tl1908	190.856	{4 In2306	ppm	-0.0009	0.0001	9.148	-0.001	-0.0009
V_2924	292.402	{1 Y_3600	ppm	0.0021	0.0003	13.99	0.0019	0.0023
Zn2062	206.200	{4 In2306	ppm	0.1822	0.0006	0.3168	0.1826	0.1818

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.501	1.1166	2.3022	47.711	49.291
In2306	230.606	{4 Cts/S	8540.1	41.279	0.48335	8569.3	8511
Y_2243	224.306	{4 Cts/S	11747	56.784	0.48339	11787	11707
Y_3600	360.073	{ 9 Cts/S	101440	453.24	0.44681	101120	101760
Y_3710	371.030	{ 9 Cts/S	6791.1	20.499	0.30185	6805.6	6776.6

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0003	216.1	0.0003	-0.0001
Al3082	308.215	{1 In2306	ppm	-0.0024	0.0087	364.3	-0.0086	0.0038
As1890	189.042	{4 Y_2243	ppm	0	0.0015	19850	-0.0011	0.0011
B_2496	249.678	{1 Y_3710	ppm	0.147	0.0159	10.8	0.1358	0.1582
Ba4554	455.403	{ 7 Y_3710	ppm	0.0536	0.0001	0.1748	0.0535	0.0537
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	2501	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	68.53	1.847	2.695	67.23	69.84
Ca3181	318.128	{1 In2306	ppm	67.8	1.606	2.369	66.67	68.94
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	0.0784	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	24.88	0.0003	0.0002
Cr2677	267.716	{1 Y_3600	ppm	0.0004	0.0001	12.49	0.0005	0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0017	0.0002	12.05	0.0018	0.0015
Fe2404	240.488	{1 In2306	ppm	0.1362	0.0231	16.98	0.1198	0.1525
K_7664	766.490	{ 4 Y_3710	ppm	12.24	0.1612	1.318	12.35	12.12
K_7698	769.896	{ 4 Y_3710	ppm	11.89	0.142	1.194	11.99	11.79
Li6707	670.784	{ 5 Y_3710	ppm	0.0131	0.0005	4.069	0.0135	0.0128
Mg2790	279.079	{1 Y_3710	ppm	12.4	0.0545	0.4389	12.44	12.37
Mn2576	257.610	{1 Y_3600	ppm	0.0425	0.0001	0.2359	0.0426	0.0425
Mn2576-2	257.610	{1 Y_3710	ppm	0.043	0.0009	2.165	0.0423	0.0436
Mo2020	202.030	{4 Y_2243	ppm	0.02	0.0004	2.084	0.0203	0.0197
Na5895	589.592	{ 5 Y_3710	ppm	254.6	2.271	0.8918	253	256.2
Na8183	818.326	{ 4 Y_3710	ppm	261.5	1.157	0.4425	262.3	260.7
Ni2316	231.604	{4 In2306	ppm	0.004	0	0.7471	0.0039	0.004
P_1782	178.284	{4 In2306	ppm	0.0695	0.0038	5.399	0.0669	0.0722
Pb2203	220.353	{4 In2306	ppm	0.0003	0.0007	280.9	0.0008	-0.0003
S_1820	182.034	{4 Y_2243	ppm	-21050	448	2.128	-21370	-20730
Sb2068	206.833	{4 Y_2243	ppm	0.0021	0.0001	5.728	0.002	0.0022
Se1960	196.090	{4 Y_2243	ppm	0.0004	0.0009	196.8	-0.0002	0.001
Si2516	251.611	{1 Y_3710	ppm	1.207	0.0104	0.8583	1.199	1.214
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0002	94.34	0.0001	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	0.8461	0.0021	0.2457	0.8476	0.8446
Ti3349	334.904	{1 Y_3600	ppm	0.0018	0	0.4049	0.0018	0.0018
Tl1908	190.856	{4 In2306	ppm	-0.0007	0.0012	187.3	-0.0015	0.0002
V_2924	292.402	{1 Y_3600	ppm	0.0026	0.0002	9.462	0.0024	0.0027
Zn2062	206.200	{4 In2306	ppm	0.0181	0.0014	7.481	0.0172	0.0191

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.608	0.74677	1.5053	50.136	49.08
In2306	230.606	{4 Cts/S	8432.1	111.19	1.3187	8353.5	8510.7
Y_2243	224.306	{4 Cts/S	11607	152.64	1.3151	11499	11715
Y_3600	360.073	{ 9 Cts/S	101120	617.91	0.61106	100680	101560
Y_3710	371.030	{ 9 Cts/S	6782.5	30.862	0.45502	6760.7	6804.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0048	0.0001	2.115	0.0047	0.0049
Al3082	308.215	{1 In2306	ppm	0.2104	0.0382	18.15	0.2374	0.1834
As1890	189.042	{4 Y_2243	ppm	0.0032	0.001	31.13	0.0039	0.0025
B_2496	249.678	{1 Y_3710	ppm	0.0911	0.0007	0.748	0.0906	0.0916
Ba4554	455.403	{ 7 Y_3710	ppm	0.0475	0.0002	0.3929	0.0474	0.0477
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	130.5	0.0002	0
Ca3158	315.887	{1 In2306	ppm	29.5	0.2371	0.8039	29.33	29.67
Ca3181	318.128	{1 In2306	ppm	29.24	0.412	1.409	28.95	29.54
Cd2288	228.802	{4 Y_2243	ppm	0.0004	0	4.725	0.0004	0.0005
Co2286	228.616	{4 In2306	ppm	0.0008	0	5.066	0.0008	0.0009
Cr2677	267.716	{1 Y_3600	ppm	0.0802	0.0005	0.6281	0.0805	0.0798
Cu3247	324.754	{1 Y_3600	ppm	1.864	0.0139	0.7484	1.874	1.854
Fe2404	240.488	{1 In2306	ppm	2.648	0.0051	0.1945	2.651	2.644
K_7664	766.490	{ 4 Y_3710	ppm	10.05	0.0647	0.6443	10	10.09
K_7698	769.896	{ 4 Y_3710	ppm	10.08	0.0088	0.0872	10.08	10.09
Li6707	670.784	{ 5 Y_3710	ppm	0.0079	0.0002	2.112	0.008	0.0078
Mg2790	279.079	{1 Y_3710	ppm	3.26	0.0465	1.425	3.293	3.227
Mn2576	257.610	{1 Y_3600	ppm	0.0366	0.0002	0.446	0.0367	0.0365
Mn2576-2	257.610	{1 Y_3710	ppm	0.038	0.0018	4.732	0.0367	0.0392
Mo2020	202.030	{4 Y_2243	ppm	0.0112	0.0002	1.385	0.0111	0.0113
Na5895	589.592	{ 5 Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4 Y_3710	ppm	4259	66.69	1.566	4212	4306
Ni2316	231.604	{4 In2306	ppm	0.0796	0.0029	3.627	0.0817	0.0776
P_1782	178.284	{4 In2306	ppm	1.704	0.0466	2.737	1.737	1.671
Pb2203	220.353	{4 In2306	ppm	0.007	0.0017	24.43	0.0082	0.0058
S_1820	182.034	{4 Y_2243	ppm	-33680	187.2	0.5558	-33810	-33540
Sb2068	206.833	{4 Y_2243	ppm	-0.0001	0.0005	506	-0.0005	0.0003
Se1960	196.090	{4 Y_2243	ppm	0.0017	0.0007	40	0.0012	0.0021
Si2516	251.611	{1 Y_3710	ppm	4.205	0.0148	0.3509	4.195	4.216
Sn1899	189.989	{4 In2306	ppm	0.0086	0.0002	2.09	0.0087	0.0085
Sr4215	421.552	{ 8 Y_3710	ppm	0.1956	0.0002	0.1017	0.1955	0.1957
Ti3349	334.904	{1 Y_3600	ppm	0.0017	0.0001	5.738	0.0016	0.0018
Tl1908	190.856	{4 In2306	ppm	-0.0035	0.0003	9.424	-0.0032	-0.0037
V_2924	292.402	{1 Y_3600	ppm	0.0031	0.0003	10.39	0.0034	0.0029
Zn2062	206.200	{4 In2306	ppm	0.2535	0.0066	2.623	0.2582	0.2488

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.384	0.39373	0.84885	46.663	46.106
In2306	230.606	{4 Cts/S	6387.1	46.727	0.73158	6420.2	6354.1
Y_2243	224.306	{4 Cts/S	9717.5	70.166	0.72206	9767.1	9667.9
Y_3600	360.073	{ 9 Cts/S	80316	196.84	0.24508	80177	80455
Y_3710	371.030	{ 9 Cts/S	6591.8	20.885	0.31684	6606.6	6577

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2456	0.0092	3.762	0.2521	0.2391
Al3082	308.215	{1 In2306	ppm	2.293	0.181	7.893	2.165	2.421
As1890	189.042	{4 Y_2243	ppm	0.4736	0.0024	0.5076	0.4753	0.4719
B_2496	249.678	{1 Y_3710	ppm	0.479	0.0155	3.231	0.4899	0.468
Ba4554	455.403	{ 7 Y_3710	ppm	0.4899	0.0013	0.2639	0.4908	0.489
Be3130	313.042	{1 Y_3710	ppm	0.4811	0.0008	0.1573	0.4806	0.4817
Ca3158	315.887	{1 In2306	ppm	11.22	0.7143	6.368	10.71	11.72
Ca3181	318.128	{1 In2306	ppm	11.08	0.643	5.802	10.63	11.54
Cd2288	228.802	{4 Y_2243	ppm	0.4679	0	0.0045	0.4679	0.4679
Co2286	228.616	{4 In2306	ppm	0.471	0.0004	0.0894	0.4707	0.4713
Cr2677	267.716	{1 Y_3600	ppm	0.486	0.0207	4.262	0.5007	0.4714
Cu3247	324.754	{1 Y_3600	ppm	0.4925	0.0107	2.163	0.5	0.485
Fe2404	240.488	{1 In2306	ppm	2.236	0.1557	6.961	2.126	2.346
K_7664	766.490	{ 4 Y_3710	ppm	13.57	0.1254	0.9239	13.66	13.48
K_7698	769.896	{ 4 Y_3710	ppm	12.96	0.0114	0.0882	12.97	12.95
Li6707	670.784	{ 5 Y_3710	ppm	0.5313	0.0053	0.9914	0.535	0.5276
Mg2790	279.079	{1 Y_3710	ppm	4.57	0.0402	0.8804	4.542	4.598
Mn2576	257.610	{1 Y_3600	ppm	0.485	0.0202	4.173	0.4993	0.4707
Mn2576-2	257.610	{1 Y_3710	ppm	0.471	0.0032	0.6831	0.4687	0.4733
Mo2020	202.030	{4 Y_2243	ppm	0.4907	0.0013	0.2703	0.4917	0.4898
Na5895	589.592	{ 5 Y_3710	ppm	13.93	0.1615	1.159	14.05	13.82
Na8183	818.326	{ 4 Y_3710	ppm	12.8	0.1989	1.554	12.94	12.65
Ni2316	231.604	{4 In2306	ppm	0.478	0.0003	0.0673	0.4778	0.4783
P_1782	178.284	{4 In2306	ppm	0.0011	0.0019	179.2	-0.0003	0.0024
Pb2203	220.353	{4 In2306	ppm	0.4749	0.0002	0.0421	0.4747	0.475
S_1820	182.034	{4 Y_2243	ppm	-301.8	23.95	7.937	-284.9	-318.7
Sb2068	206.833	{4 Y_2243	ppm	0.4749	0.0011	0.2403	0.4757	0.4741
Se1960	196.090	{4 Y_2243	ppm	0.491	0.0009	0.1887	0.4904	0.4917
Si2516	251.611	{1 Y_3710	ppm	0.8885	0.0235	2.643	0.8719	0.9051
Sn1899	189.989	{4 In2306	ppm	0.484	0.0008	0.1698	0.4834	0.4846
Sr4215	421.552	{ 8 Y_3710	ppm	0.25	0.0004	0.1594	0.2503	0.2497
Ti3349	334.904	{1 Y_3600	ppm	0.5021	0.0207	4.115	0.5167	0.4875
Tl1908	190.856	{4 In2306	ppm	0.4972	0.0015	0.3012	0.4983	0.4962
V_2924	292.402	{1 Y_3600	ppm	0.4725	0.0182	3.844	0.4853	0.4596
Zn2062	206.200	{4 In2306	ppm	0.4606	0.0008	0.1792	0.46	0.4612

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.281	2.8358	5.424	54.286	50.276
In2306	230.606	{4 Cts/S	9683	47.841	0.49407	9716.8	9649.2
Y_2243	224.306	{4 Cts/S	12705	52.879	0.41621	12742	12667
Y_3600	360.073	{ 9 Cts/S	107720	3151.2	2.9255	105490	109950
Y_3710	371.030	{ 9 Cts/S	6856.3	0.54399	0.00793	6855.9	6856.7

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Custom ID2=
Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.004	0.0001	2.201	0.004	0.0041
Al3082	308.215	{1 In2306	ppm	0.1318	0.0408	30.99	0.1029	0.1606
As1890	189.042	{4 Y_2243	ppm	0.0079	0.001	12.22	0.0072	0.0086
B_2496	249.678	{1 Y_3710	ppm	0.0101	0.0066	65.33	0.0054	0.0147
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0.0002	2.314	0.0094	0.0097
Be3130	313.042	{1 Y_3710	ppm	0.0048	0	0.2757	0.0047	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0814	0.0161	19.75	0.0928	0.07
Ca3181	318.128	{1 In2306	ppm	0.065	0.0385	59.27	0.0922	0.0378
Cd2288	228.802	{4 Y_2243	ppm	0.0052	0.0009	16.43	0.0046	0.0058
Co2286	228.616	{4 In2306	ppm	0.0099	0.0011	11.37	0.0091	0.0107
Cr2677	267.716	{1 Y_3600	ppm	0.009	0.0005	5.639	0.0087	0.0094
Cu3247	324.754	{1 Y_3600	ppm	0.0093	0.0008	9.066	0.0087	0.0099
Fe2404	240.488	{1 In2306	ppm	0.0978	0.0057	5.858	0.1018	0.0937
K_7664	766.490	{ 4 Y_3710	ppm	0.6865	0.0009	0.1367	0.6859	0.6872
K_7698	769.896	{ 4 Y_3710	ppm	0.7807	0.024	3.078	0.7637	0.7977
Li6707	670.784	{ 5 Y_3710	ppm	0.0105	0.0002	1.6	0.0104	0.0106
Mg2790	279.079	{1 Y_3710	ppm	0.0432	0.0382	88.6	0.0161	0.0702
Mn2576	257.610	{1 Y_3600	ppm	0.0094	0.0006	6.499	0.009	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0074	0.0005	6.412	0.0077	0.007
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0017	15.28	0.0102	0.0127
Na5895	589.592	{ 5 Y_3710	ppm	1.193	0.0197	1.651	1.207	1.179
Na8183	818.326	{ 4 Y_3710	ppm	0.7829	0.0815	10.41	0.7253	0.8405
Ni2316	231.604	{4 In2306	ppm	0.0101	0.0012	12.18	0.0092	0.011
P_1782	178.284	{4 In2306	ppm	0.0089	0.0001	1.055	0.0088	0.009
Pb2203	220.353	{4 In2306	ppm	0.0106	0.0005	5.015	0.0102	0.011
S_1820	182.034	{4 Y_2243	ppm	-5.938	0.7774	13.09	-5.389	-6.488
Sb2068	206.833	{4 Y_2243	ppm	0.0163	0.0014	8.492	0.0153	0.0173
Se1960	196.090	{4 Y_2243	ppm	0.0096	0.0009	9.57	0.009	0.0103
Si2516	251.611	{1 Y_3710	ppm	0.0167	0.0345	206.2	0.0411	-0.0077
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0015	14.31	0.0097	0.0118
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0	0.8072	0.0047	0.0046
Ti3349	334.904	{1 Y_3600	ppm	0.0099	0.0007	6.751	0.0094	0.0104
Tl1908	190.856	{4 In2306	ppm	0.0098	0.0005	4.765	0.0095	0.0101
V_2924	292.402	{1 Y_3600	ppm	0.0088	0.0004	4.627	0.0085	0.0091
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0013	13.6	0.0086	0.0105

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.475	2.478	4.9094	52.227	48.723
In2306	230.606	{4 Cts/S	10160	420.26	4.1363	10457	9862.9
Y_2243	224.306	{4 Cts/S	12817	518.26	4.0436	13183	12450
Y_3600	360.073	{ 9 Cts/S	115500	5351.6	4.6334	119280	111720
Y_3710	371.030	{ 9 Cts/S	6923.3	14.569	0.21044	6913	6933.6

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:58:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0002	318.9	-0.0001	0.0002
Al3082	308.215	{1 In2306	ppm	0.0243	0.0975	401.8	-0.0447	0.0932
As1890	189.042	{4 Y_2243	ppm	-0.001	0.0001	13.5	-0.0009	-0.0011
B_2496	249.678	{1 Y_3710	ppm	-0.0025	0.0052	209.8	0.0012	-0.0062
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0.0003	164.3	0	-0.0004
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	37.84	-0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0092	0.0234	255.8	0.0074	-0.0257
Ca3181	318.128	{1 In2306	ppm	0.0061	0.0008	13.66	0.0067	0.0055
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	4.067	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0001	0.0001	146.5	0	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0	21.34	-0.0003	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	-0.0004	0.0003	70.64	-0.0002	-0.0006
Fe2404	240.488	{1 In2306	ppm	0.0066	0.0113	170.3	-0.0014	0.0147
K_7664	766.490	{ 4 Y_3710	ppm	0.0635	0.0133	20.97	0.0541	0.0729
K_7698	769.896	{ 4 Y_3710	ppm	0.2161	0.008	3.721	0.2104	0.2218
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0	15.31	0.0001	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0191	0.0064	33.24	-0.0146	-0.0236
Mn2576	257.610	{1 Y_3600	ppm	0	0	10050	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0009	0.0011	132.3	-0.0001	-0.0016
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	30.74	0.0002	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.4339	0.0068	1.56	0.4291	0.4387
Na8183	818.326	{ 4 Y_3710	ppm	0.4788	0.0965	20.14	0.547	0.4106
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0002	76.83	0.0001	0.0003
P_1782	178.284	{4 In2306	ppm	0	0.0004	906.1	0.0003	-0.0003
Pb2203	220.353	{4 In2306	ppm	0.0006	0.0005	86.66	0.0002	0.001
S_1820	182.034	{4 Y_2243	ppm	-4.37	0.187	4.28	-4.502	-4.238
Sb2068	206.833	{4 Y_2243	ppm	0.0016	0.0007	43.39	0.0011	0.0021
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0	8.864	-0.0004	-0.0003
Si2516	251.611	{1 Y_3710	ppm	-0.0033	0.0032	97.28	-0.001	-0.0055
Sn1899	189.989	{4 In2306	ppm	0.0001	0	13.76	0.0001	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0.0002	163.6	0	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0002	71.34	0.0002	0.0005
Tl1908	190.856	{4 In2306	ppm	-0.0009	0.0004	49.8	-0.0006	-0.0012
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0006	498.3	0.0003	-0.0006
Zn2062	206.200	{4 In2306	ppm	0.0001	0.0001	41.32	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.567	4.952	9.9907	53.068	46.065
In2306	230.606	{4 Cts/S	10257	46.483	0.45318	10224	10290
Y_2243	224.306	{4 Cts/S	12877	21.691	0.16845	12862	12892
Y_3600	360.073	{ 9 Cts/S	113640	1057.3	0.93038	114390	112890
Y_3710	371.030	{ 9 Cts/S	6776.1	280.63	4.1415	6974.6	6577.7

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:00:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0005	592.5	-0.0004	0.0003
Al3082	308.215	{1 In2306	ppm	0.4699	0.0038	0.8116	0.4672	0.4726
As1890	189.042	{4 Y_2243	ppm	-0.0009	0.0005	51.12	-0.0013	-0.0006
B_2496	249.678	{1 Y_3710	ppm	0.0182	0.0017	9.222	0.0194	0.017
Ba4554	455.403	{ 7 Y_3710	ppm	0.0223	0.0003	1.333	0.0225	0.0221
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	102.3	0	0.0001
Ca3158	315.887	{1 In2306	ppm	3.933	0.1363	3.466	3.837	4.029
Ca3181	318.128	{1 In2306	ppm	3.962	0.0574	1.449	3.922	4.003
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0.0001	39.05	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	5.079	0.0003	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.001	0.0003	34.01	0.0013	0.0008
Cu3247	324.754	{1 Y_3600	ppm	0.0044	0.0002	3.506	0.0042	0.0045
Fe2404	240.488	{1 In2306	ppm	0.3899	0.0009	0.2273	0.3893	0.3906
K_7664	766.490	{ 4 Y_3710	ppm	13.29	0.3193	2.404	13.51	13.06
K_7698	769.896	{ 4 Y_3710	ppm	12.57	0.2681	2.133	12.76	12.38
Li6707	670.784	{ 5 Y_3710	ppm	0.0009	0.0007	77.62	0.0004	0.0014
Mg2790	279.079	{1 Y_3710	ppm	0.8602	0.0353	4.109	0.8352	0.8852
Mn2576	257.610	{1 Y_3600	ppm	0.0102	0.0001	0.7197	0.0101	0.0102
Mn2576-2	257.610	{1 Y_3710	ppm	0.0093	0.0001	0.9591	0.0093	0.0092
Mo2020	202.030	{4 Y_2243	ppm	0.0007	0.0001	10.5	0.0007	0.0006
Na5895	589.592	{ 5 Y_3710	ppm	3.189	0.1009	3.164	3.261	3.118
Na8183	818.326	{ 4 Y_3710	ppm	2.78	0.043	1.547	2.75	2.81
Ni2316	231.604	{4 In2306	ppm	0.0012	0	0.208	0.0012	0.0012
P_1782	178.284	{4 In2306	ppm	0.8074	0.0034	0.4247	0.805	0.8098
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0001	13.45	0.0008	0.001
S_1820	182.034	{4 Y_2243	ppm	-657.6	4.455	0.6775	-654.5	-660.8
Sb2068	206.833	{4 Y_2243	ppm	-0.0002	0.0013	792.9	-0.0011	0.0008
Se1960	196.090	{4 Y_2243	ppm	0.0022	0.0005	20.78	0.0025	0.0019
Si2516	251.611	{1 Y_3710	ppm	1.435	0.0128	0.8929	1.444	1.426
Sn1899	189.989	{4 In2306	ppm	0	0	96.76	0	0
Sr4215	421.552	{ 8 Y_3710	ppm	0.017	0.0002	1.421	0.0171	0.0168
Ti3349	334.904	{1 Y_3600	ppm	0.0025	0.0003	10.57	0.0023	0.0027
Tl1908	190.856	{4 In2306	ppm	-0.0001	0.0004	275.6	-0.0004	0.0001
V_2924	292.402	{1 Y_3600	ppm	0.0012	0.0001	4.913	0.0012	0.0012
Zn2062	206.200	{4 In2306	ppm	0.0601	0.0005	0.7953	0.0598	0.0605

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.096	0.47712	0.99201	48.434	47.759
In2306	230.606	{4 Cts/S	9884	208.78	2.1123	10032	9736.4
Y_2243	224.306	{4 Cts/S	12681	264.96	2.0894	12869	12494
Y_3600	360.073	{ 9 Cts/S	111770	567.37	0.50763	112170	111370
Y_3710	371.030	{ 9 Cts/S	6786.1	38.665	0.56977	6758.7	6813.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:03:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0003	168.4	0.0004	0
Al3082	308.215	{1 In2306	ppm	0.4305	0.0641	14.89	0.4758	0.3852
As1890	189.042	{4 Y_2243	ppm	-0.0012	0	0.0121	-0.0012	-0.0012
B_2496	249.678	{1 Y_3710	ppm	0.0316	0.0189	59.98	0.045	0.0182
Ba4554	455.403	{ 7 Y_3710	ppm	0.0334	0.0032	9.438	0.0356	0.0312
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	356.5	0.0001	0
Ca3158	315.887	{1 In2306	ppm	5.571	0.3763	6.755	5.837	5.305
Ca3181	318.128	{1 In2306	ppm	5.579	0.2045	3.666	5.724	5.435
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	7.557	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	18.08	0.0002	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0006	0.0004	60.66	0.0009	0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0057	0.0003	4.653	0.0055	0.0059
Fe2404	240.488	{1 In2306	ppm	0.3885	0.0574	14.77	0.429	0.3479
K_7664	766.490	{ 4 Y_3710	ppm	22.47	1.955	8.699	23.85	21.09
K_7698	769.896	{ 4 Y_3710	ppm	21.25	1.755	8.262	22.49	20.01
Li6707	670.784	{ 5 Y_3710	ppm	0.0007	0.0001	12.45	0.0008	0.0007
Mg2790	279.079	{1 Y_3710	ppm	1.347	0.141	10.46	1.447	1.247
Mn2576	257.610	{1 Y_3600	ppm	0.0138	0.0001	0.8307	0.0137	0.0139
Mn2576-2	257.610	{1 Y_3710	ppm	0.0144	0.0006	4.349	0.014	0.0149
Mo2020	202.030	{4 Y_2243	ppm	0.0008	0	5.612	0.0008	0.0008
Na5895	589.592	{ 5 Y_3710	ppm	3.624	0.3272	9.029	3.855	3.393
Na8183	818.326	{ 4 Y_3710	ppm	3.189	0.2422	7.594	3.36	3.018
Ni2316	231.604	{4 In2306	ppm	0.0013	0.0001	8.963	0.0014	0.0012
P_1782	178.284	{4 In2306	ppm	1.193	0.0014	0.1202	1.192	1.194
Pb2203	220.353	{4 In2306	ppm	0.0018	0.0001	3.071	0.0019	0.0018
S_1820	182.034	{4 Y_2243	ppm	-832.4	0.7655	0.092	-831.8	-832.9
Sb2068	206.833	{4 Y_2243	ppm	-0.0009	0.0003	33.94	-0.0011	-0.0007
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0001	79.72	-0.0002	-0.0001
Si2516	251.611	{1 Y_3710	ppm	1.588	0.1249	7.86	1.677	1.5
Sn1899	189.989	{4 In2306	ppm	0	0.0003	1052	-0.0002	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0258	0.0023	8.998	0.0274	0.0241
Ti3349	334.904	{1 Y_3600	ppm	0.0028	0.0001	3.767	0.0027	0.0028
Tl1908	190.856	{4 In2306	ppm	-0.0016	0.001	59.96	-0.0009	-0.0023
V_2924	292.402	{1 Y_3600	ppm	0.0008	0.0001	18.81	0.0007	0.0009
Zn2062	206.200	{4 In2306	ppm	0.0707	0	0.0237	0.0707	0.0707

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.868	2.361	5.0375	45.198	48.537
In2306	230.606	{4 Cts/S	9793.7	9.8911	0.10099	9786.7	9800.7
Y_2243	224.306	{4 Cts/S	12590	9.795	0.0778	12597	12583
Y_3600	360.073	{ 9 Cts/S	110780	532.56	0.48074	111160	110400
Y_3710	371.030	{ 9 Cts/S	6545.4	430.37	6.5751	6241	6849.7

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0004	616.9	0.0002	-0.0003
Al3082	308.215	{1 In2306	ppm	1.745	0.0686	3.933	1.696	1.793
As1890	189.042	{4 Y_2243	ppm	0.0023	0.0005	23.28	0.0019	0.0027
B_2496	249.678	{1 Y_3710	ppm	-0.0032	0.0092	284.5	0.0033	-0.0097
Ba4554	455.403	{ 7 Y_3710	ppm	0.0634	0	0.0286	0.0634	0.0634
Be3130	313.042	{1 Y_3710	ppm	0.0004	0.0001	32.42	0.0003	0.0005
Ca3158	315.887	{1 In2306	ppm	32.23	0.5968	1.852	31.81	32.65
Ca3181	318.128	{1 In2306	ppm	31.67	0.719	2.27	31.16	32.18
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	0.4043	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0013	0.0001	4.114	0.0013	0.0014
Cr2677	267.716	{1 Y_3600	ppm	0.0044	0.0004	9.816	0.0041	0.0047
Cu3247	324.754	{1 Y_3600	ppm	0.0413	0.0004	0.9686	0.041	0.0416
Fe2404	240.488	{1 In2306	ppm	1.502	0.0409	2.72	1.473	1.531
K_7664	766.490	{ 4 Y_3710	ppm	1.932	0.0307	1.588	1.954	1.91
K_7698	769.896	{ 4 Y_3710	ppm	1.972	0.0007	0.0373	1.972	1.973
Li6707	670.784	{ 5 Y_3710	ppm	0.0026	0.0004	14.72	0.0023	0.0029
Mg2790	279.079	{1 Y_3710	ppm	2.058	0.0285	1.384	2.038	2.078
Mn2576	257.610	{1 Y_3600	ppm	0.1325	0.0018	1.37	0.1312	0.1338
Mn2576-2	257.610	{1 Y_3710	ppm	0.1341	0.0014	1.053	0.1351	0.1331
Mo2020	202.030	{4 Y_2243	ppm	0.0009	0.0001	9.332	0.0009	0.0008
Na5895	589.592	{ 5 Y_3710	ppm	4.482	0.0074	0.1659	4.487	4.476
Na8183	818.326	{ 4 Y_3710	ppm	3.986	0.057	1.431	4.026	3.946
Ni2316	231.604	{4 In2306	ppm	0.0026	0.0001	5.251	0.0025	0.0027
P_1782	178.284	{4 In2306	ppm	0.228	0.0062	2.74	0.2236	0.2324
Pb2203	220.353	{4 In2306	ppm	0.0135	0.0007	5.547	0.013	0.0141
S_1820	182.034	{4 Y_2243	ppm	-1302	1.122	0.0862	-1302	-1301
Sb2068	206.833	{4 Y_2243	ppm	0.001	0.0009	85.1	0.0017	0.0004
Se1960	196.090	{4 Y_2243	ppm	0.0003	0.002	800.1	-0.0012	0.0017
Si2516	251.611	{1 Y_3710	ppm	3.305	0.0416	1.257	3.334	3.275
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0002	195	0	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0705	0.0004	0.6157	0.0708	0.0702
Ti3349	334.904	{1 Y_3600	ppm	0.0121	0.0001	0.9739	0.0121	0.0122
Tl1908	190.856	{4 In2306	ppm	-0.0015	0.001	68.05	-0.0008	-0.0022
V_2924	292.402	{1 Y_3600	ppm	0.006	0.0003	5.709	0.0057	0.0062
Zn2062	206.200	{4 In2306	ppm	0.1834	0.0005	0.246	0.1837	0.1831

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.084	0.82554	1.7169	48.668	47.5
In2306	230.606	{4 Cts/S	9782.3	17.522	0.17911	9794.7	9769.9
Y_2243	224.306	{4 Cts/S	12734	24.128	0.18948	12751	12717
Y_3600	360.073	{ 9 Cts/S	110590	784.87	0.70973	111140	110030
Y_3710	371.030	{ 9 Cts/S	6674.5	30.851	0.46222	6652.7	6696.4

[Sample Header]
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SampleName=pds 600-48440-A-8-A
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:08:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4635	0.0025	0.5354	0.4618	0.4653
Al3082	308.215	{1 In2306	ppm	9.436	0.0052	0.0551	9.432	9.439
As1890	189.042	{4 Y_2243	ppm	0.922	0.0104	1.129	0.9293	0.9146
B_2496	249.678	{1 Y_3710	ppm	0.9563	0.0192	2.007	0.9698	0.9427
Ba4554	455.403	{ 7 Y_3710	ppm	0.983	0.0121	1.231	0.9916	0.9744
Be3130	313.042	{1 Y_3710	ppm	0.4721	0.005	1.069	0.4756	0.4685
Ca3158	315.887	{1 In2306	ppm	10.57	0.1096	1.037	10.49	10.65
Ca3181	318.128	{1 In2306	ppm	10.47	0.0441	0.4209	10.43	10.5
Cd2288	228.802	{4 Y_2243	ppm	0.4585	0.0038	0.8233	0.4612	0.4559
Co2286	228.616	{4 In2306	ppm	0.9073	0.0058	0.6365	0.9114	0.9033
Cr2677	267.716	{1 Y_3600	ppm	0.9123	0.0062	0.6755	0.908	0.9167
Cu3247	324.754	{1 Y_3600	ppm	0.9251	0.004	0.4344	0.9222	0.9279
Fe2404	240.488	{1 In2306	ppm	8.863	0.017	0.1919	8.851	8.875
K_7664	766.490	{ 4 Y_3710	ppm	11.37	0.258	2.269	11.55	11.19
K_7698	769.896	{ 4 Y_3710	ppm	10.76	0.212	1.969	10.91	10.61
Li6707	670.784	{ 5 Y_3710	ppm	1.117	0.0285	2.556	1.137	1.096
Mg2790	279.079	{1 Y_3710	ppm	9.189	0.1439	1.566	9.291	9.087
Mn2576	257.610	{1 Y_3600	ppm	0.9229	0.0041	0.4412	0.92	0.9258
Mn2576-2	257.610	{1 Y_3710	ppm	0.9518	0.0052	0.5438	0.9555	0.9482
Mo2020	202.030	{4 Y_2243	ppm	0.9438	0.0092	0.9695	0.9502	0.9373
Na5895	589.592	{ 5 Y_3710	ppm	11.31	0.2601	2.299	11.5	11.13
Na8183	818.326	{ 4 Y_3710	ppm	10.2	0.0426	0.4173	10.23	10.17
Ni2316	231.604	{4 In2306	ppm	0.9244	0.0061	0.6628	0.9287	0.9201
P_1782	178.284	{4 In2306	ppm	0.9312	0.0021	0.2279	0.9327	0.9297
Pb2203	220.353	{4 In2306	ppm	0.936	0.0001	0.013	0.9361	0.9359
S_1820	182.034	{4 Y_2243	ppm	-34.62	2.7	7.799	-32.71	-36.53
Sb2068	206.833	{4 Y_2243	ppm	0.9421	0.0104	1.101	0.9494	0.9348
Se1960	196.090	{4 Y_2243	ppm	0.9396	0.0074	0.7835	0.9448	0.9344
Si2516	251.611	{1 Y_3710	ppm	1.305	0.0215	1.644	1.29	1.32
Sn1899	189.989	{4 In2306	ppm	0.9304	0.008	0.8651	0.9361	0.9247
Sr4215	421.552	{ 8 Y_3710	ppm	0.4971	0.0077	1.555	0.5025	0.4916
Ti3349	334.904	{1 Y_3600	ppm	0.9421	0.0038	0.4065	0.9394	0.9448
Tl1908	190.856	{4 In2306	ppm	0.9575	0.0066	0.6904	0.9621	0.9528
V_2924	292.402	{1 Y_3600	ppm	0.8744	0.0054	0.6201	0.8706	0.8782
Zn2062	206.200	{4 In2306	ppm	0.8953	0.0058	0.6496	0.8994	0.8912

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.785	0.10892	0.21447	50.708	50.862
In2306	230.606	{4 Cts/S	9563.7	1.2161	0.01272	9562.8	9564.5
Y_2243	224.306	{4 Cts/S	12586	18.018	0.14317	12573	12598
Y_3600	360.073	{ 9 Cts/S	109330	421.62	0.38562	109630	109040
Y_3710	371.030	{ 9 Cts/S	6652.1	96.029	1.4436	6584.2	6720

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:11:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	491.9	-0.0001	0
Al3082	308.215	{1 In2306	ppm	0.065	0.0591	91.06	0.0231	0.1068
As1890	189.042	{4 Y_2243	ppm	0.0125	0.0181	145	-0.0003	0.0253
B_2496	249.678	{1 Y_3710	ppm	0	0.0036	25890	0.0026	-0.0026
Ba4554	455.403	{ 7 Y_3710	ppm	0.0012	0.0002	17.33	0.001	0.0013
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	161.9	0	0.0001
Ca3158	315.887	{1 In2306	ppm	0.4515	0.0123	2.715	0.4428	0.4601
Ca3181	318.128	{1 In2306	ppm	0.4663	0.0213	4.567	0.4512	0.4813
Cd2288	228.802	{4 Y_2243	ppm	0.0075	0.0092	123.5	0.001	0.014
Co2286	228.616	{4 In2306	ppm	0.0159	0.0192	121.1	0.0023	0.0295
Cr2677	267.716	{1 Y_3600	ppm	-0.0005	0	9.968	-0.0005	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0001	30.48	0.0002	0.0002
Fe2404	240.488	{1 In2306	ppm	0.0224	0.0002	0.6855	0.0223	0.0225
K_7664	766.490	{ 4 Y_3710	ppm	0.0755	0.0171	22.65	0.0876	0.0634
K_7698	769.896	{ 4 Y_3710	ppm	0.2722	0.0672	24.69	0.3197	0.2247
Li6707	670.784	{ 5 Y_3710	ppm	0.0005	0.0003	63.04	0.0007	0.0003
Mg2790	279.079	{1 Y_3710	ppm	-0.0109	0.0009	7.878	-0.0103	-0.0115
Mn2576	257.610	{1 Y_3600	ppm	0.0024	0.0001	2.102	0.0024	0.0025
Mn2576-2	257.610	{1 Y_3710	ppm	0.0005	0.0035	688.7	0.003	-0.002
Mo2020	202.030	{4 Y_2243	ppm	0.0203	0.0224	110.8	0.0044	0.0361
Na5895	589.592	{ 5 Y_3710	ppm	0.1606	0.0059	3.644	0.1647	0.1564
Na8183	818.326	{ 4 Y_3710	ppm	0.0864	0.0144	16.71	0.0762	0.0966
Ni2316	231.604	{4 In2306	ppm	0.0163	0.0198	121.1	0.0023	0.0303
P_1782	178.284	{4 In2306	ppm	0.0173	0.017	98.44	0.0053	0.0293
Pb2203	220.353	{4 In2306	ppm	0.0166	0.0177	106.9	0.0041	0.0291
S_1820	182.034	{4 Y_2243	ppm	-12.2	1.203	9.865	-11.35	-13.05
Sb2068	206.833	{4 Y_2243	ppm	0.0256	0.0228	89.4	0.0094	0.0417
Se1960	196.090	{4 Y_2243	ppm	0.0126	0.0167	132.2	0.0008	0.0245
Si2516	251.611	{1 Y_3710	ppm	0.0691	0.0048	6.951	0.0657	0.0725
Sn1899	189.989	{4 In2306	ppm	0.019	0.021	110.6	0.0041	0.0339
Sr4215	421.552	{ 8 Y_3710	ppm	0.0009	0.0001	14.51	0.0008	0.001
Ti3349	334.904	{1 Y_3600	ppm	0.0033	0.0004	11.68	0.0036	0.003
Tl1908	190.856	{4 In2306	ppm	0.0096	0.0121	126.1	0.001	0.0181
V_2924	292.402	{1 Y_3600	ppm	0	0.0005	976.5	-0.0004	0.0003
Zn2062	206.200	{4 In2306	ppm	0.0183	0.0185	101	0.0052	0.0314

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.61	0.03563	0.07484	47.635	47.584
In2306	230.606	{4 Cts/S	10119	49.536	0.48956	10154	10084
Y_2243	224.306	{4 Cts/S	12781	37.973	0.2971	12808	12754
Y_3600	360.073	{ 9 Cts/S	113410	92.371	0.08145	113480	113350
Y_3710	371.030	{ 9 Cts/S	6817.6	85.17	1.2493	6757.3	6877.8

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:13:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0	27.89	-0.0001	0
Al3082	308.215	{1 In2306	ppm	-0.0219	0.114	520.5	0.0587	-0.1025
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0018	1089	-0.0015	0.0011
B_2496	249.678	{1 Y_3710	ppm	-0.0034	0.0089	259.4	-0.0097	0.0029
Ba4554	455.403	{ 7 Y_3710	ppm	0.0005	0.0002	32.43	0.0006	0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0	125.2	0	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0074	0.0052	70.38	-0.0111	-0.0037
Ca3181	318.128	{1 In2306	ppm	0.0707	0.0045	6.317	0.0676	0.0739
Cd2288	228.802	{4 Y_2243	ppm	0.0009	0.001	110.7	0.0002	0.0016
Co2286	228.616	{4 In2306	ppm	0.0016	0.0023	143.9	0	0.0032
Cr2677	267.716	{1 Y_3600	ppm	0	0.0002	823.2	-0.0001	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0012	0	3.921	0.0012	0.0011
Fe2404	240.488	{1 In2306	ppm	-0.0079	0.0228	286.9	0.0082	-0.0241
K_7664	766.490	{ 4 Y_3710	ppm	0.0533	0.0019	3.478	0.052	0.0546
K_7698	769.896	{ 4 Y_3710	ppm	0.0622	0.0165	26.52	0.0738	0.0505
Li6707	670.784	{ 5 Y_3710	ppm	-0.0002	0.0005	243.6	-0.0006	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0514	0.0675	131.3	-0.0037	-0.0991
Mn2576	257.610	{1 Y_3600	ppm	0.0004	0	13.58	0.0004	0.0003
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0003	0.0008	292.4	0.0003	-0.0009
Mo2020	202.030	{4 Y_2243	ppm	0.0029	0.0028	96.46	0.0009	0.0049
Na5895	589.592	{ 5 Y_3710	ppm	0.1069	0.0059	5.559	0.1111	0.1027
Na8183	818.326	{ 4 Y_3710	ppm	0.2541	0.049	19.27	0.2195	0.2888
Ni2316	231.604	{4 In2306	ppm	0.002	0.0021	107.1	0.0005	0.0035
P_1782	178.284	{4 In2306	ppm	0.0229	0.002	8.757	0.0215	0.0243
Pb2203	220.353	{4 In2306	ppm	0.0023	0.0023	99.79	0.0007	0.0039
S_1820	182.034	{4 Y_2243	ppm	-6.263	0.0225	0.3596	-6.279	-6.247
Sb2068	206.833	{4 Y_2243	ppm	0.0041	0.0027	67.41	0.0021	0.006
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0016	831.6	-0.0013	0.0009
Si2516	251.611	{1 Y_3710	ppm	0.0261	0.0104	39.89	0.0188	0.0335
Sn1899	189.989	{4 In2306	ppm	0.0297	0.0017	5.796	0.0285	0.0309
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	72.49	-0.0001	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0001	15.15	0.0004	0.0003
Tl1908	190.856	{4 In2306	ppm	0.001	0.0022	214.1	-0.0005	0.0026
V_2924	292.402	{1 Y_3600	ppm	-0.0002	0.0001	59.65	-0.0001	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0054	0.0021	38.78	0.0039	0.0069

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.385	1.1732	2.4758	46.555	48.214
In2306	230.606	{4 Cts/S	10295	21.232	0.20624	10310	10280
Y_2243	224.306	{4 Cts/S	12920	12.943	0.10017	12911	12930
Y_3600	360.073	{ 9 Cts/S	112370	54.988	0.04894	112410	112330
Y_3710	371.030	{ 9 Cts/S	6699.5	66.03	0.9856	6652.8	6746.2

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:16:33
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4566	0.0076	1.661	0.462	0.4513
Al3082	308.215	{1 In2306	ppm	81.44	1.382	1.697	80.46	82.41
As1890	189.042	{4 Y_2243	ppm	1.313	0.0245	1.864	1.331	1.296
B_2496	249.678	{1 Y_3710	ppm	0.8892	0.0033	0.3708	0.8916	0.8869
Ba4554	455.403	{ 7 Y_3710	ppm	2.562	0.0451	1.759	2.594	2.53
Be3130	313.042	{1 Y_3710	ppm	1.51	0.0182	1.205	1.523	1.497
Ca3158	315.887	{1 In2306	ppm	90.57	1.566	1.73	89.46	91.67
Ca3181	318.128	{1 In2306	ppm	89.91	1.484	1.651	88.86	90.96
Cd2288	228.802	{4 Y_2243	ppm	0.7043	0.0095	1.348	0.711	0.6976
Co2286	228.616	{4 In2306	ppm	1.433	0.0212	1.479	1.448	1.418
Cr2677	267.716	{1 Y_3600	ppm	0.9674	0.0128	1.326	0.9765	0.9583
Cu3247	324.754	{1 Y_3600	ppm	1.085	0.0132	1.218	1.094	1.075
Fe2404	240.488	{1 In2306	ppm	159.7	3.057	1.914	157.6	161.9
K_7664	766.490	{ 4 Y_3710	ppm	50.68	0.9642	1.902	51.37	50
K_7698	769.896	{ 4 Y_3710	ppm	48.58	0.9157	1.885	49.23	47.94
Li6707	670.784	{ 5 Y_3710	ppm	0.0942	0.002	2.145	0.0957	0.0928
Mg2790	279.079	{1 Y_3710	ppm	38	0.5363	1.411	38.38	37.62
Mn2576	257.610	{1 Y_3600	ppm	4.734	0.0043	0.0899	4.731	4.737
Mn2576-2	257.610	{1 Y_3710	ppm	5.158	0.0689	1.335	5.206	5.109
Mo2020	202.030	{4 Y_2243	ppm	0.9176	0.0147	1.607	0.928	0.9071
Na5895	589.592	{ 5 Y_3710	ppm	6.834	0.1434	2.098	6.936	6.733
Na8183	818.326	{ 4 Y_3710	ppm	6.73	0.0847	1.258	6.79	6.67
Ni2316	231.604	{4 In2306	ppm	1.366	0.0198	1.448	1.38	1.352
P_1782	178.284	{4 In2306	ppm	8.231	0.132	1.604	8.325	8.138
Pb2203	220.353	{4 In2306	ppm	1.382	0.0119	0.8584	1.39	1.374
S_1820	182.034	{4 Y_2243	ppm	-1237	16.88	1.366	-1248	-1225
Sb2068	206.833	{4 Y_2243	ppm	0.7554	0.019	2.509	0.7688	0.742
Se1960	196.090	{4 Y_2243	ppm	1.948	0.0231	1.185	1.964	1.932
Si2516	251.611	{1 Y_3710	ppm	12.19	0.2303	1.889	12.35	12.03
Sn1899	189.989	{4 In2306	ppm	1.572	0.0246	1.567	1.59	1.555
Sr4215	421.552	{ 8 Y_3710	ppm	2.446	0.0392	1.604	2.473	2.418
Ti3349	334.904	{1 Y_3600	ppm	3.755	0.0369	0.9816	3.781	3.729
Tl1908	190.856	{4 In2306	ppm	1.606	0.0264	1.646	1.625	1.587
V_2924	292.402	{1 Y_3600	ppm	0.5703	0.0057	0.9944	0.5743	0.5663
Zn2062	206.200	{4 In2306	ppm	2.146	0.0301	1.4	2.167	2.125

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.331	0.80076	1.6918	47.897	46.764
In2306	230.606	{4 Cts/S	8685.9	112.19	1.2916	8606.6	8765.2
Y_2243	224.306	{4 Cts/S	12532	154.14	1.23	12423	12641
Y_3600	360.073	{ 9 Cts/S	107120	748.07	0.69836	106590	107650
Y_3710	371.030	{ 9 Cts/S	6650.5	90.377	1.359	6586.6	6714.4

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:19:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0	14.39	-0.0003	-0.0003
Al3082	308.215 {1	In2306	ppm	167.5	3.925	2.344	164.7	170.2
As1890	189.042 {4	Y_2243	ppm	0.0841	0.0135	16.04	0.0745	0.0936
B_2496	249.678 {1	Y_3710	ppm	0.0592	0.0004	0.6613	0.0594	0.0589
Ba4554	455.403 { 7	Y_3710	ppm	1.974	0.0585	2.966	1.932	2.015
Be3130	313.042 {1	Y_3710	ppm	0.0099	0.0006	6.155	0.0095	0.0104
Ca3158	315.887 {1	In2306	ppm	1956	55.78	2.851	1917	1996
Ca3181	318.128 {1	In2306	ppm	2074	59.49	2.868	2032	2116
Cd2288	228.802 {4	Y_2243	ppm	0.0106	0.0074	69.5	0.0054	0.0159
Co2286	228.616 {4	In2306	ppm	0.119	0.0151	12.69	0.1083	0.1297
Cr2677	267.716 {1	Y_3600	ppm	0.1281	0.0037	2.86	0.1255	0.1307
Cu3247	324.754 {1	Y_3600	ppm	0.1216	0.0057	4.656	0.1176	0.1256
Fe2404	240.488 {1	In2306	ppm	138.3	3.199	2.313	136	140.6
K_7664	766.490 { 4	Y_3710	ppm	21.21	0.5385	2.539	20.83	21.59
K_7698	769.896 { 4	Y_3710	ppm	20.78	0.6107	2.94	20.34	21.21
Li6707	670.784 { 5	Y_3710	ppm	0.1265	0.0023	1.858	0.1248	0.1281
Mg2790	279.079 {1	Y_3710	ppm	30.95	1.124	3.633	30.16	31.75
Mn2576	257.610 {1	Y_3600	ppm	9.991	0.326	3.263	9.76	10.22
Mn2576-2	257.610 {1	Y_3710	ppm	12.95	0.4594	3.548	12.62	13.27
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.0107	91.02	0.0042	0.0193
Na5895	589.592 { 5	Y_3710	ppm	1.817	0.0421	2.315	1.788	1.847
Na8183	818.326 { 4	Y_3710	ppm	2.026	0.084	4.146	1.966	2.085
Ni2316	231.604 {4	In2306	ppm	0.2358	0.0113	4.792	0.2278	0.2438
P_1782	178.284 {4	In2306	ppm	9.112	0.0703	0.7717	9.161	9.062
Pb2203	220.353 {4	In2306	ppm	0.3498	0.0084	2.393	0.3439	0.3558
S_1820	182.034 {4	Y_2243	ppm	-2128	16.26	0.7641	-2139	-2116
Sb2068	206.833 {4	Y_2243	ppm	0.0186	0.0066	35.7	0.0139	0.0233
Se1960	196.090 {4	Y_2243	ppm	0.0258	0.0188	72.76	0.0125	0.0391
Si2516	251.611 {1	Y_3710	ppm	22.3	0.7219	3.238	21.79	22.81
Sn1899	189.989 {4	In2306	ppm	0.0616	0.0194	31.57	0.0478	0.0753
Sr4215	421.552 { 8	Y_3710	ppm	4.877	0.1583	3.245	4.765	4.988
Ti3349	334.904 {1	Y_3600	ppm	0.2495	0.009	3.596	0.2432	0.2559
Tl1908	190.856 {4	In2306	ppm	0.0021	0.0165	796.8	-0.0096	0.0138
V_2924	292.402 {1	Y_3600	ppm	0.3409	0.0136	4	0.3313	0.3506
Zn2062	206.200 {4	In2306	ppm	0.7181	0.0108	1.504	0.7105	0.7258

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	45.483	0.8002	1.7594	46.049	44.917
In2306	230.606 {4	Cts/S	7013.2	46.356	0.66099	6980.4	7045.9
Y_2243	224.306 {4	Cts/S	11995	36.638	0.30544	11969	12021
Y_3600	360.073 { 9	Cts/S	98040	2812.6	2.8688	100030	96051
Y_3710	371.030 { 9	Cts/S	6235.4	164.25	2.6342	6351.6	6119.3

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Custom ID1=
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Custom ID3=
Run Time=1/14/2012 15:21:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0005	0.0001	9.197	-0.0005	-0.0006
Al3082	308.215	{1 In2306	ppm	164.3	6.272	3.817	159.9	168.7
As1890	189.042	{4 Y_2243	ppm	0.0703	0.0009	1.297	0.0696	0.0709
B_2496	249.678	{1 Y_3710	ppm	0.0659	0.0045	6.904	0.0626	0.0691
Ba4554	455.403	{ 7 Y_3710	ppm	1.862	0.0103	0.5546	1.855	1.87
Be3130	313.042	{1 Y_3710	ppm	0.0093	0.0001	1.213	0.0092	0.0094
Ca3158	315.887	{1 In2306	ppm	2150	74.67	3.474	2097	2202
Ca3181	318.128	{1 In2306	ppm	2294	77.53	3.379	2240	2349
Cd2288	228.802	{4 Y_2243	ppm	0.005	0.0002	3.643	0.0049	0.0051
Co2286	228.616	{4 In2306	ppm	0.1011	0.0002	0.2121	0.1012	0.1009
Cr2677	267.716	{1 Y_3600	ppm	0.1185	0.0003	0.2652	0.1183	0.1188
Cu3247	324.754	{1 Y_3600	ppm	0.1176	0.0023	1.96	0.1193	0.116
Fe2404	240.488	{1 In2306	ppm	132.8	4.24	3.192	129.8	135.8
K_7664	766.490	{ 4 Y_3710	ppm	21.12	0.1511	0.7152	21.02	21.23
K_7698	769.896	{ 4 Y_3710	ppm	20.69	0.1621	0.7834	20.57	20.8
Li6707	670.784	{ 5 Y_3710	ppm	0.1294	0.0012	0.9168	0.1285	0.1302
Mg2790	279.079	{1 Y_3710	ppm	30.55	0.1237	0.4051	30.46	30.63
Mn2576	257.610	{1 Y_3600	ppm	9.875	0.0744	0.7535	9.928	9.823
Mn2576-2	257.610	{1 Y_3710	ppm	13	0.0653	0.5021	12.96	13.05
Mo2020	202.030	{4 Y_2243	ppm	0.0021	0.0001	6.331	0.0021	0.002
Na5895	589.592	{ 5 Y_3710	ppm	1.91	0.0182	0.9535	1.897	1.923
Na8183	818.326	{ 4 Y_3710	ppm	2.132	0.05	2.344	2.096	2.167
Ni2316	231.604	{4 In2306	ppm	0.2255	0.0006	0.2666	0.226	0.2251
P_1782	178.284	{4 In2306	ppm	9.301	0.0382	0.4104	9.328	9.274
Pb2203	220.353	{4 In2306	ppm	0.3484	0.0005	0.1492	0.348	0.3488
S_1820	182.034	{4 Y_2243	ppm	-2126	9.554	0.4494	-2132	-2119
Sb2068	206.833	{4 Y_2243	ppm	-0.0022	0.0009	40.84	-0.0028	-0.0016
Se1960	196.090	{4 Y_2243	ppm	0.0104	0.0026	24.95	0.0086	0.0122
Si2516	251.611	{1 Y_3710	ppm	21.35	0.0946	0.4431	21.29	21.42
Sn1899	189.989	{4 In2306	ppm	0.046	0.001	2.213	0.0453	0.0467
Sr4215	421.552	{ 8 Y_3710	ppm	5.369	0.028	0.5211	5.349	5.389
Ti3349	334.904	{1 Y_3600	ppm	0.2768	0.0018	0.6608	0.2781	0.2755
Tl1908	190.856	{4 In2306	ppm	-0.0171	0.0019	11.11	-0.0157	-0.0184
V_2924	292.402	{1 Y_3600	ppm	0.3193	0.0038	1.192	0.322	0.3166
Zn2062	206.200	{4 In2306	ppm	0.6941	0.0032	0.4635	0.6963	0.6918

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	44.563	1.527	3.4265	45.643	43.483
In2306	230.606	{4 Cts/S	6833.6	11.665	0.17071	6825.3	6841.8
Y_2243	224.306	{4 Cts/S	11756	8.0027	0.06808	11761	11750
Y_3600	360.073	{ 9 Cts/S	99446	790.03	0.79443	98888	100000
Y_3710	371.030	{ 9 Cts/S	6131.7	30.501	0.49743	6153.3	6110.2

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.522	0.0199	3.815	0.5361	0.5079
Al3082	308.215	{1 In2306	ppm	242.9	8.706	3.585	249	236.7
As1890	189.042	{4 Y_2243	ppm	0.9966	0.0011	0.1077	0.9973	0.9958
B_2496	249.678	{1 Y_3710	ppm	0.8071	0.0039	0.4778	0.8044	0.8098
Ba4554	455.403	{ 7 Y_3710	ppm	3.059	0.0065	0.2125	3.054	3.063
Be3130	313.042	{1 Y_3710	ppm	0.507	0.0006	0.1179	0.5066	0.5074
Ca3158	315.887	{1 In2306	ppm	2237	89.01	3.98	2299	2174
Ca3181	318.128	{1 In2306	ppm	2399	95.23	3.969	2466	2332
Cd2288	228.802	{4 Y_2243	ppm	0.4649	0.0016	0.3482	0.4638	0.4661
Co2286	228.616	{4 In2306	ppm	1.094	0.0001	0.0094	1.094	1.094
Cr2677	267.716	{1 Y_3600	ppm	0.9651	0.0334	3.458	0.9887	0.9415
Cu3247	324.754	{1 Y_3600	ppm	1.085	0.0489	4.51	1.12	1.05
Fe2404	240.488	{1 In2306	ppm	174.9	7.434	4.25	180.2	169.6
K_7664	766.490	{ 4 Y_3710	ppm	39.93	0.2304	0.5768	39.77	40.1
K_7698	769.896	{ 4 Y_3710	ppm	39.52	0.2395	0.6061	39.35	39.69
Li6707	670.784	{ 5 Y_3710	ppm	0.7517	0.0035	0.4716	0.7492	0.7542
Mg2790	279.079	{1 Y_3710	ppm	50.36	0.0229	0.0455	50.35	50.38
Mn2576	257.610	{1 Y_3600	ppm	10.65	0.3213	3.016	10.88	10.43
Mn2576-2	257.610	{1 Y_3710	ppm	14.35	0.0097	0.0674	14.34	14.36
Mo2020	202.030	{4 Y_2243	ppm	0.7084	0.0002	0.0335	0.7082	0.7086
Na5895	589.592	{ 5 Y_3710	ppm	13.82	0.0647	0.4685	13.77	13.86
Na8183	818.326	{ 4 Y_3710	ppm	13.78	0.0441	0.3202	13.75	13.81
Ni2316	231.604	{4 In2306	ppm	1.233	0.0012	0.0953	1.234	1.232
P_1782	178.284	{4 In2306	ppm	9.987	0.0482	0.4831	9.953	10.02
Pb2203	220.353	{4 In2306	ppm	1.294	0.0006	0.0459	1.293	1.294
S_1820	182.034	{4 Y_2243	ppm	-2326	10.96	0.4714	-2318	-2334
Sb2068	206.833	{4 Y_2243	ppm	0.2642	0.0004	0.1578	0.2645	0.2639
Se1960	196.090	{4 Y_2243	ppm	0.9488	0.0023	0.242	0.9472	0.9505
Si2516	251.611	{1 Y_3710	ppm	22.91	0.0393	0.1716	22.88	22.93
Sn1899	189.989	{4 In2306	ppm	0.972	0.0007	0.0721	0.9725	0.9715
Sr4215	421.552	{ 8 Y_3710	ppm	6.109	0.0151	0.2478	6.098	6.119
Ti3349	334.904	{1 Y_3600	ppm	0.5602	0.0187	3.332	0.5734	0.547
Tl1908	190.856	{4 In2306	ppm	0.9104	0.0014	0.1503	0.9095	0.9114
V_2924	292.402	{1 Y_3600	ppm	1.166	0.0442	3.786	1.198	1.135
Zn2062	206.200	{4 In2306	ppm	1.792	0.0024	0.1363	1.79	1.794

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.65	1.5875	3.6369	42.528	44.773
In2306	230.606	{4 Cts/S	6687.4	33.529	0.50138	6711.1	6663.6
Y_2243	224.306	{4 Cts/S	11642	78.815	0.67698	11698	11587
Y_3600	360.073	{ 9 Cts/S	97220	2900.2	2.9831	95170	99271
Y_3710	371.030	{ 9 Cts/S	5973.8	25.838	0.43252	5992	5955.5

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2414	0.0005	0.2118	0.2418	0.2411
Al3082	308.215	{1 In2306	ppm	2.587	0.0588	2.274	2.628	2.545
As1890	189.042	{4 Y_2243	ppm	0.479	0.02	4.171	0.4931	0.4648
B_2496	249.678	{1 Y_3710	ppm	0.4685	0.0065	1.386	0.4731	0.4639
Ba4554	455.403	{ 7 Y_3710	ppm	0.4948	0.0018	0.3638	0.4961	0.4935
Be3130	313.042	{1 Y_3710	ppm	0.4826	0.0015	0.31	0.4837	0.4816
Ca3158	315.887	{1 In2306	ppm	12.34	0.1251	1.014	12.43	12.25
Ca3181	318.128	{1 In2306	ppm	12.27	0.2285	1.861	12.44	12.11
Cd2288	228.802	{4 Y_2243	ppm	0.4712	0.0139	2.955	0.481	0.4613
Co2286	228.616	{4 In2306	ppm	0.4744	0.0137	2.881	0.4841	0.4647
Cr2677	267.716	{1 Y_3600	ppm	0.4828	0.0004	0.0753	0.4831	0.4826
Cu3247	324.754	{1 Y_3600	ppm	0.4816	0.0052	1.077	0.4853	0.478
Fe2404	240.488	{1 In2306	ppm	2.408	0.0052	0.2139	2.412	2.405
K_7664	766.490	{ 4 Y_3710	ppm	13.77	0.1837	1.334	13.64	13.9
K_7698	769.896	{ 4 Y_3710	ppm	13.21	0.0909	0.6878	13.15	13.27
Li6707	670.784	{ 5 Y_3710	ppm	0.5417	0.0068	1.25	0.5369	0.5464
Mg2790	279.079	{1 Y_3710	ppm	4.523	0.0346	0.7656	4.547	4.498
Mn2576	257.610	{1 Y_3600	ppm	0.4799	0.0037	0.7664	0.4825	0.4773
Mn2576-2	257.610	{1 Y_3710	ppm	0.4612	0.0015	0.336	0.4623	0.4601
Mo2020	202.030	{4 Y_2243	ppm	0.492	0.0156	3.177	0.503	0.4809
Na5895	589.592	{ 5 Y_3710	ppm	13.53	0.1708	1.263	13.4	13.65
Na8183	818.326	{ 4 Y_3710	ppm	12.68	0.1063	0.8383	12.61	12.76
Ni2316	231.604	{4 In2306	ppm	0.4773	0.0136	2.855	0.487	0.4677
P_1782	178.284	{4 In2306	ppm	0.0022	0.0011	48.57	0.0014	0.003
Pb2203	220.353	{4 In2306	ppm	0.4743	0.0141	2.977	0.4842	0.4643
S_1820	182.034	{4 Y_2243	ppm	-281.1	6.793	2.417	-285.9	-276.3
Sb2068	206.833	{4 Y_2243	ppm	0.4792	0.0176	3.671	0.4917	0.4668
Se1960	196.090	{4 Y_2243	ppm	0.4922	0.0144	2.928	0.5024	0.4821
Si2516	251.611	{1 Y_3710	ppm	0.9695	0.0267	2.759	0.9506	0.9884
Sn1899	189.989	{4 In2306	ppm	0.4859	0.0149	3.063	0.4964	0.4754
Sr4215	421.552	{ 8 Y_3710	ppm	0.252	0.0008	0.3015	0.2526	0.2515
Ti3349	334.904	{1 Y_3600	ppm	0.4975	0.0021	0.4194	0.499	0.496
Tl1908	190.856	{4 In2306	ppm	0.4964	0.0121	2.446	0.505	0.4879
V_2924	292.402	{1 Y_3600	ppm	0.4746	0	0.0098	0.4746	0.4746
Zn2062	206.200	{4 In2306	ppm	0.4658	0.0102	2.181	0.473	0.4586

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.417	0.27938	0.60188	46.22	46.615
In2306	230.606	{4 Cts/S	9760.4	235.62	2.414	9593.8	9927
Y_2243	224.306	{4 Cts/S	12770	350.03	2.741	12523	13018
Y_3600	360.073	{ 9 Cts/S	108690	499.35	0.45941	108340	109050
Y_3710	371.030	{ 9 Cts/S	6732.8	14.958	0.22217	6722.3	6743.4

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0043	0.0002	3.499	0.0044	0.0042
Al3082	308.215 {1	In2306	ppm	0.0884	0.0007	0.7513	0.0889	0.088
As1890	189.042 {4	Y_2243	ppm	0.008	0.0012	15.56	0.0071	0.0089
B_2496	249.678 {1	Y_3710	ppm	0.0072	0.0089	123.1	0.0135	0.0009
Ba4554	455.403 {	Y_3710	ppm	0.0096	0.0006	5.932	0.01	0.0092
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0002	4.49	0.0049	0.0046
Ca3158	315.887 {1	In2306	ppm	0.0908	0.0119	13.08	0.0991	0.0824
Ca3181	318.128 {1	In2306	ppm	0.1061	0.0163	15.38	0.1177	0.0946
Cd2288	228.802 {4	Y_2243	ppm	0.0059	0.0016	26.9	0.0048	0.0071
Co2286	228.616 {4	In2306	ppm	0.0105	0.0018	17.29	0.0092	0.0118
Cr2677	267.716 {1	Y_3600	ppm	0.0085	0.0001	1.215	0.0086	0.0084
Cu3247	324.754 {1	Y_3600	ppm	0.009	0.0001	1.136	0.009	0.0091
Fe2404	240.488 {1	In2306	ppm	0.0742	0.0369	49.74	0.0481	0.1003
K_7664	766.490 {	Y_3710	ppm	0.7274	0.0633	8.703	0.7721	0.6826
K_7698	769.896 {	Y_3710	ppm	0.8329	0.0317	3.803	0.8553	0.8105
Li6707	670.784 {	Y_3710	ppm	0.0103	0.0001	1.435	0.0104	0.0102
Mg2790	279.079 {1	Y_3710	ppm	0.0172	0.0505	293.6	-0.0185	0.053
Mn2576	257.610 {1	Y_3600	ppm	0.0094	0	0.2296	0.0094	0.0094
Mn2576-2	257.610 {1	Y_3710	ppm	0.0064	0.0026	40.5	0.0082	0.0045
Mo2020	202.030 {4	Y_2243	ppm	0.0124	0.0026	21.05	0.0106	0.0143
Na5895	589.592 {	Y_3710	ppm	0.6748	0.0122	1.808	0.6834	0.6661
Na8183	818.326 {	Y_3710	ppm	0.7239	0.0926	12.79	0.7894	0.6584
Ni2316	231.604 {4	In2306	ppm	0.0109	0.0017	15.11	0.0098	0.0121
P_1782	178.284 {4	In2306	ppm	0.0085	0.0013	15.9	0.0094	0.0075
Pb2203	220.353 {4	In2306	ppm	0.0115	0.001	8.848	0.0107	0.0122
S_1820	182.034 {4	Y_2243	ppm	-2.439	0.6581	26.98	-1.974	-2.905
Sb2068	206.833 {4	Y_2243	ppm	0.0191	0.0024	12.43	0.0175	0.0208
Se1960	196.090 {4	Y_2243	ppm	0.0111	0.0014	12.99	0.0101	0.0121
Si2516	251.611 {1	Y_3710	ppm	0.0109	0.0013	12.19	0.0118	0.0099
Sn1899	189.989 {4	In2306	ppm	0.0117	0.0026	21.91	0.0099	0.0135
Sr4215	421.552 {	Y_3710	ppm	0.0047	0.0002	4.59	0.0048	0.0045
Ti3349	334.904 {1	Y_3600	ppm	0.0095	0.0006	6.22	0.0099	0.0091
Tl1908	190.856 {4	In2306	ppm	0.011	0.0019	17.08	0.0096	0.0123
V_2924	292.402 {1	Y_3600	ppm	0.0085	0	0.2208	0.0086	0.0085
Zn2062	206.200 {4	In2306	ppm	0.0104	0.0017	16.4	0.0092	0.0116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.112	0.29674	0.62987	47.321	46.902
In2306	230.606 {4	Cts/S	10224	55.95	0.54726	10263	10184
Y_2243	224.306 {4	Cts/S	12927	91.41	0.70715	12991	12862
Y_3600	360.073 {	Cts/S	116250	719.43	0.61886	115740	116760
Y_3710	371.030 {	Cts/S	6726.1	76.316	1.1346	6672.1	6780

[Sample Header]
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	79.1	-0.0004	-0.0001
Al3082	308.215	{1 In2306	ppm	-0.0238	0.0004	1.724	-0.0235	-0.0241
As1890	189.042	{4 Y_2243	ppm	-0.0008	0.0009	109.4	-0.0002	-0.0014
B_2496	249.678	{1 Y_3710	ppm	-0.0055	0.001	18.39	-0.0048	-0.0063
Ba4554	455.403	{ 7 Y_3710	ppm	0.0001	0.0002	148	0.0003	0
Be3130	313.042	{1 Y_3710	ppm	0	0	101.5	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0087	0.0069	79.17	-0.0136	-0.0038
Ca3181	318.128	{1 In2306	ppm	-0.0065	0.0812	1254	0.051	-0.0639
Cd2288	228.802	{4 Y_2243	ppm	0	0	189.7	0	0
Co2286	228.616	{4 In2306	ppm	0	0	23.97	0	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0	3.597	-0.0004	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	-0.0005	0.0001	23.8	-0.0004	-0.0005
Fe2404	240.488	{1 In2306	ppm	0.0038	0.0055	144.9	0.0077	-0.0001
K_7664	766.490	{ 4 Y_3710	ppm	0.0331	0.0067	20.22	0.0284	0.0378
K_7698	769.896	{ 4 Y_3710	ppm	0.1983	0.0056	2.805	0.2023	0.1944
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0002	210.3	-0.0002	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0274	0.0086	31.23	-0.0213	-0.0334
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	4.35	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0002	0.0005	247.7	-0.0001	0.0005
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0001	16.68	0.0003	0.0004
Na5895	589.592	{ 5 Y_3710	ppm	0.0376	0.0033	8.683	0.0353	0.0399
Na8183	818.326	{ 4 Y_3710	ppm	0.1986	0.1363	68.63	0.295	0.1022
Ni2316	231.604	{4 In2306	ppm	0.0001	0.0001	75.17	0.0001	0
P_1782	178.284	{4 In2306	ppm	0	0.0005	2803	0.0004	-0.0004
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0011	124.2	0.0017	0.0001
S_1820	182.034	{4 Y_2243	ppm	-1.78	0.6103	34.28	-2.212	-1.349
Sb2068	206.833	{4 Y_2243	ppm	0.0023	0.0003	11.44	0.0021	0.0025
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.0003	65.79	-0.0002	-0.0007
Si2516	251.611	{1 Y_3710	ppm	0.0136	0.0083	60.61	0.0195	0.0078
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	167	0.0001	0
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	46.59	-0.0001	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0006	0.0001	18.7	0.0005	0.0007
Tl1908	190.856	{4 In2306	ppm	0.0005	0.0007	127	0.0001	0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0002	175.9	0	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0.0001	86.72	0	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.029	0.02525	0.05258	48.011	48.046
In2306	230.606	{4 Cts/S	10245	29.037	0.28342	10266	10225
Y_2243	224.306	{4 Cts/S	12851	26.247	0.20424	12870	12833
Y_3600	360.073	{ 9 Cts/S	113260	1561.7	1.3789	112150	114360
Y_3710	371.030	{ 9 Cts/S	6733.6	171.53	2.5473	6612.3	6854.9

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5189	0.0083	1.598	0.5248	0.513
Al3082	308.215 {1	In2306	ppm	256.1	2.737	1.069	258	254.2
As1890	189.042 {4	Y_2243	ppm	1.003	0.0047	0.4658	1.006	0.9996
B_2496	249.678 {1	Y_3710	ppm	0.8522	0.0179	2.102	0.8395	0.8649
Ba4554	455.403 {	Y_3710	ppm	3.231	0.0464	1.437	3.263	3.198
Be3130	313.042 {1	Y_3710	ppm	0.5185	0.0045	0.877	0.5217	0.5153
Ca3158	315.887 {1	In2306	ppm	2123	14.01	0.6601	2133	2113
Ca3181	318.128 {1	In2306	ppm	2259	14.19	0.6281	2269	2249
Cd2288	228.802 {4	Y_2243	ppm	0.4665	0.0058	1.253	0.4707	0.4624
Co2286	228.616 {4	In2306	ppm	1.101	0.0197	1.793	1.115	1.087
Cr2677	267.716 {1	Y_3600	ppm	0.9652	0.0223	2.306	0.9809	0.9494
Cu3247	324.754 {1	Y_3600	ppm	1.11	0.0225	2.032	1.126	1.094
Fe2404	240.488 {1	In2306	ppm	176.7	1.861	1.053	178	175.4
K_7664	766.490 {	Y_3710	ppm	41.73	0.6307	1.512	42.17	41.28
K_7698	769.896 {	Y_3710	ppm	41.37	0.4935	1.193	41.72	41.03
Li6707	670.784 {	Y_3710	ppm	0.7749	0.0141	1.825	0.7849	0.7649
Mg2790	279.079 {1	Y_3710	ppm	52.32	0.2425	0.4634	52.49	52.15
Mn2576	257.610 {1	Y_3600	ppm	10.8	0.1149	1.063	10.88	10.72
Mn2576-2	257.610 {1	Y_3710	ppm	14.56	0.1836	1.261	14.69	14.43
Mo2020	202.030 {4	Y_2243	ppm	0.7209	0.0131	1.815	0.7301	0.7116
Na5895	589.592 {	Y_3710	ppm	14.1	0.1923	1.364	14.23	13.96
Na8183	818.326 {	Y_3710	ppm	14.15	0.2891	2.043	14.35	13.94
Ni2316	231.604 {4	In2306	ppm	1.237	0.0236	1.909	1.254	1.22
P_1782	178.284 {4	In2306	ppm	10.58	0.2112	1.996	10.73	10.43
Pb2203	220.353 {4	In2306	ppm	1.328	0.0294	2.213	1.349	1.307
S_1820	182.034 {4	Y_2243	ppm	-2596	30.64	1.18	-2617	-2574
Sb2068	206.833 {4	Y_2243	ppm	0.2817	0.0034	1.21	0.2793	0.2842
Se1960	196.090 {4	Y_2243	ppm	0.9542	0.0096	1.002	0.9609	0.9474
Si2516	251.611 {1	Y_3710	ppm	23.95	0.2879	1.202	24.16	23.75
Sn1899	189.989 {4	In2306	ppm	0.9786	0.0211	2.155	0.9936	0.9637
Sr4215	421.552 {	Y_3710	ppm	5.926	0.0732	1.235	5.978	5.874
Ti3349	334.904 {1	Y_3600	ppm	0.6395	0.0139	2.18	0.6493	0.6296
Tl1908	190.856 {4	In2306	ppm	0.9202	0.0178	1.932	0.9328	0.9076
V_2924	292.402 {1	Y_3600	ppm	1.182	0.0241	2.042	1.199	1.165
Zn2062	206.200 {4	In2306	ppm	1.854	0.0359	1.934	1.88	1.829

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.312	0.3349	0.7915	42.076	42.549
In2306	230.606 {4	Cts/S	6777.8	86.957	1.283	6716.3	6839.3
Y_2243	224.306 {4	Cts/S	11755	91.718	0.78024	11690	11820
Y_3600	360.073 {	Cts/S	98458	1603.2	1.6283	97325	99592
Y_3710	371.030 {	Cts/S	5878.8	38.744	0.65905	5851.4	5906.2

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0	16.88	0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	141.2	6.497	4.601	136.6	145.8
As1890	189.042	{4 Y_2243	ppm	0.0839	0.0137	16.3	0.0742	0.0936
B_2496	249.678	{1 Y_3710	ppm	0.0653	0.0018	2.823	0.064	0.0666
Ba4554	455.403	{ 7 Y_3710	ppm	1.348	0.0489	3.628	1.314	1.383
Be3130	313.042	{1 Y_3710	ppm	0.0076	0.0002	3.066	0.0074	0.0077
Ca3158	315.887	{1 In2306	ppm	2535	71.07	2.804	2485	2585
Ca3181	318.128	{1 In2306	ppm	2804	134.5	4.796	2709	2899
Cd2288	228.802	{4 Y_2243	ppm	0.0119	0.0074	61.87	0.0067	0.0171
Co2286	228.616	{4 In2306	ppm	0.0994	0.0154	15.53	0.0885	0.1104
Cr2677	267.716	{1 Y_3600	ppm	0.1184	0.0013	1.085	0.1193	0.1175
Cu3247	324.754	{1 Y_3600	ppm	0.1351	0.0003	0.1928	0.1352	0.1349
Fe2404	240.488	{1 In2306	ppm	120.6	5.665	4.698	116.6	124.6
K_7664	766.490	{ 4 Y_3710	ppm	25.01	0.7074	2.829	24.51	25.51
K_7698	769.896	{ 4 Y_3710	ppm	25.01	0.9464	3.783	24.35	25.68
Li6707	670.784	{ 5 Y_3710	ppm	0.1184	0.0052	4.419	0.1147	0.1221
Mg2790	279.079	{1 Y_3710	ppm	28.83	1.383	4.796	27.86	29.81
Mn2576	257.610	{1 Y_3600	ppm	8.42	0.0814	0.9667	8.478	8.363
Mn2576-2	257.610	{1 Y_3710	ppm	10.16	0.3722	3.665	9.894	10.42
Mo2020	202.030	{4 Y_2243	ppm	0.0173	0.0127	73.72	0.0083	0.0262
Na5895	589.592	{ 5 Y_3710	ppm	2.083	0.0519	2.492	2.047	2.12
Na8183	818.326	{ 4 Y_3710	ppm	2.289	0.0657	2.87	2.243	2.336
Ni2316	231.604	{4 In2306	ppm	0.2225	0.0146	6.556	0.2122	0.2329
P_1782	178.284	{4 In2306	ppm	9.976	0.0232	0.2327	9.992	9.96
Pb2203	220.353	{4 In2306	ppm	0.4864	0.0096	1.975	0.4796	0.4932
S_1820	182.034	{4 Y_2243	ppm	-2070	1.251	0.0605	-2071	-2069
Sb2068	206.833	{4 Y_2243	ppm	0.0082	0.0036	43.45	0.0057	0.0108
Se1960	196.090	{4 Y_2243	ppm	0.024	0.0133	55.51	0.0146	0.0334
Si2516	251.611	{1 Y_3710	ppm	20.97	0.7214	3.44	20.46	21.48
Sn1899	189.989	{4 In2306	ppm	0.0646	0.0142	22.06	0.0545	0.0747
Sr4215	421.552	{ 8 Y_3710	ppm	6.505	0.2393	3.679	6.335	6.674
Ti3349	334.904	{1 Y_3600	ppm	0.3625	0.0009	0.2443	0.3618	0.3631
Tl1908	190.856	{4 In2306	ppm	0.0012	0.0163	1327	-0.0103	0.0127
V_2924	292.402	{1 Y_3600	ppm	0.2832	0.0013	0.4414	0.2841	0.2824
Zn2062	206.200	{4 In2306	ppm	0.712	0.0124	1.742	0.7033	0.7208

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.356	1.1113	2.5631	44.142	42.57
In2306	230.606	{4 Cts/S	6605.2	0.69271	0.01049	6605.7	6604.7
Y_2243	224.306	{4 Cts/S	11206	17.232	0.15378	11218	11194
Y_3600	360.073	{ 9 Cts/S	96235	166.6	0.17312	96118	96353
Y_3710	371.030	{ 9 Cts/S	6289.1	140.74	2.2379	6388.6	6189.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0002	32.14	-0.0007	-0.0004
Al3082	308.215 {1	In2306	ppm	156.5	3.384	2.162	154.1	158.9
As1890	189.042 {4	Y_2243	ppm	0.0924	0.0017	1.834	0.0912	0.0936
B_2496	249.678 {1	Y_3710	ppm	0.0686	0.0111	16.22	0.0607	0.0765
Ba4554	455.403 { 7	Y_3710	ppm	1.444	0.0015	0.1035	1.445	1.443
Be3130	313.042 {1	Y_3710	ppm	0.0084	0.0001	1.633	0.0083	0.0085
Ca3158	315.887 {1	In2306	ppm	2457	60.67	2.469	2414	2500
Ca3181	318.128 {1	In2306	ppm	2659	63.23	2.378	2614	2703
Cd2288	228.802 {4	Y_2243	ppm	0.0068	0.0021	30.1	0.0054	0.0083
Co2286	228.616 {4	In2306	ppm	0.0872	0.005	5.766	0.0836	0.0908
Cr2677	267.716 {1	Y_3600	ppm	0.1353	0.0025	1.837	0.1371	0.1335
Cu3247	324.754 {1	Y_3600	ppm	0.1359	0.0004	0.2739	0.1356	0.1361
Fe2404	240.488 {1	In2306	ppm	131.3	3.044	2.319	129.1	133.4
K_7664	766.490 { 4	Y_3710	ppm	21.01	0.0767	0.365	20.96	21.07
K_7698	769.896 { 4	Y_3710	ppm	20.88	0.0054	0.0259	20.88	20.87
Li6707	670.784 { 5	Y_3710	ppm	0.1202	0.0008	0.6803	0.1208	0.1196
Mg2790	279.079 {1	Y_3710	ppm	32.9	0.1483	0.451	32.79	33
Mn2576	257.610 {1	Y_3600	ppm	7.766	0.0199	0.2566	7.78	7.752
Mn2576-2	257.610 {1	Y_3710	ppm	9.682	0.0255	0.2633	9.664	9.7
Mo2020	202.030 {4	Y_2243	ppm	0.0062	0.0038	61.01	0.0035	0.0089
Na5895	589.592 { 5	Y_3710	ppm	2.038	0.012	0.5873	2.046	2.03
Na8183	818.326 { 4	Y_3710	ppm	2.043	0.0122	0.5988	2.052	2.035
Ni2316	231.604 {4	In2306	ppm	0.2061	0.0049	2.37	0.2027	0.2096
P_1782	178.284 {4	In2306	ppm	9.241	0.0854	0.9247	9.18	9.301
Pb2203	220.353 {4	In2306	ppm	0.3259	0.0095	2.924	0.3191	0.3326
S_1820	182.034 {4	Y_2243	ppm	-2321	26.58	1.145	-2302	-2340
Sb2068	206.833 {4	Y_2243	ppm	-0.0013	0.0041	315.6	-0.0042	0.0016
Se1960	196.090 {4	Y_2243	ppm	0.0119	0.0041	34.26	0.009	0.0148
Si2516	251.611 {1	Y_3710	ppm	20.25	0.0782	0.3864	20.19	20.31
Sn1899	189.989 {4	In2306	ppm	0.0542	0.005	9.198	0.0507	0.0578
Sr4215	421.552 { 8	Y_3710	ppm	6.035	0.0041	0.0686	6.032	6.038
Ti3349	334.904 {1	Y_3600	ppm	0.3402	0.003	0.873	0.3423	0.3381
Tl1908	190.856 {4	In2306	ppm	-0.0099	0.0019	18.99	-0.0112	-0.0086
V_2924	292.402 {1	Y_3600	ppm	0.2866	0.0037	1.298	0.2892	0.284
Zn2062	206.200 {4	In2306	ppm	1.412	0.0008	0.0552	1.411	1.412

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.764	0.92415	2.2128	42.417	41.11
In2306	230.606 {4	Cts/S	6717.8	79.778	1.1876	6774.2	6661.4
Y_2243	224.306 {4	Cts/S	11416	147.58	1.2928	11520	11311
Y_3600	360.073 { 9	Cts/S	97036	409.58	0.42209	96746	97325
Y_3710	371.030 { 9	Cts/S	6078	7.6685	0.12617	6083.5	6072.6

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Run Time=1/14/2012 15:42:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0007	0	4.058	-0.0007	-0.0007
Al3082	308.215	{1 In2306	ppm	272.2	7.92	2.909	266.6	277.8
As1890	189.042	{4 Y_2243	ppm	0.1077	0.0012	1.09	0.1085	0.1069
B_2496	249.678	{1 Y_3710	ppm	0.0458	0.0089	19.32	0.0396	0.0521
Ba4554	455.403	{ 7 Y_3710	ppm	2.694	0.0336	1.246	2.67	2.717
Be3130	313.042	{1 Y_3710	ppm	0.0133	0	0.3677	0.0132	0.0133
Ca3158	315.887	{1 In2306	ppm	2308	56.17	2.433	2269	2348
Ca3181	318.128	{1 In2306	ppm	2463	60.19	2.444	2421	2506
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0002	3.345	0.0053	0.0055
Co2286	228.616	{4 In2306	ppm	0.1572	0.0021	1.307	0.1587	0.1558
Cr2677	267.716	{1 Y_3600	ppm	0.1663	0.0001	0.0386	0.1663	0.1663
Cu3247	324.754	{1 Y_3600	ppm	0.124	0.0004	0.3354	0.1243	0.1237
Fe2404	240.488	{1 In2306	ppm	190	4.79	2.521	186.6	193.4
K_7664	766.490	{ 4 Y_3710	ppm	26.15	0.3878	1.483	25.88	26.42
K_7698	769.896	{ 4 Y_3710	ppm	25.8	0.4055	1.572	25.51	26.09
Li6707	670.784	{ 5 Y_3710	ppm	0.1773	0.0035	2.001	0.1748	0.1798
Mg2790	279.079	{1 Y_3710	ppm	37.48	0.2978	0.7946	37.27	37.69
Mn2576	257.610	{1 Y_3600	ppm	12.98	0.0532	0.4101	12.94	13.02
Mn2576-2	257.610	{1 Y_3710	ppm	17.33	0.1891	1.091	17.2	17.47
Mo2020	202.030	{4 Y_2243	ppm	0.0013	0.0006	49.4	0.0008	0.0017
Na5895	589.592	{ 5 Y_3710	ppm	1.747	0.0266	1.521	1.729	1.766
Na8183	818.326	{ 4 Y_3710	ppm	2.08	0.0166	0.7977	2.092	2.069
Ni2316	231.604	{4 In2306	ppm	0.3073	0.0052	1.684	0.311	0.3037
P_1782	178.284	{4 In2306	ppm	7.859	0.0766	0.9749	7.913	7.804
Pb2203	220.353	{4 In2306	ppm	0.2622	0.0022	0.8516	0.2638	0.2606
S_1820	182.034	{4 Y_2243	ppm	-1467	7.817	0.5326	-1473	-1462
Sb2068	206.833	{4 Y_2243	ppm	-0.0054	0.0005	10.05	-0.0057	-0.005
Se1960	196.090	{4 Y_2243	ppm	0.0126	0.0023	18.31	0.0109	0.0142
Si2516	251.611	{1 Y_3710	ppm	23.47	0.1626	0.6926	23.36	23.59
Sn1899	189.989	{4 In2306	ppm	0.0451	0.0003	0.7606	0.0453	0.0449
Sr4215	421.552	{ 8 Y_3710	ppm	4.088	0.0438	1.072	4.057	4.119
Ti3349	334.904	{1 Y_3600	ppm	0.2738	0.001	0.353	0.2731	0.2745
Tl1908	190.856	{4 In2306	ppm	-0.0155	0.0018	11.49	-0.0142	-0.0168
V_2924	292.402	{1 Y_3600	ppm	0.4514	0.0027	0.5999	0.4533	0.4494
Zn2062	206.200	{4 In2306	ppm	0.7863	0.0019	0.2377	0.785	0.7876

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	38.96	0.97055	2.4911	39.646	38.274
In2306	230.606	{4 Cts/S	6846.6	57.936	0.84619	6805.7	6887.6
Y_2243	224.306	{4 Cts/S	12122	90.458	0.74625	12058	12186
Y_3600	360.073	{ 9 Cts/S	101460	246.76	0.24321	101290	101640
Y_3710	371.030	{ 9 Cts/S	6032.2	63.535	1.0533	6077.1	5987.3

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Custom ID3=
Run Time=1/14/2012 15:44:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4672	0.0387	8.277	0.4945	0.4398
Al3082	308.215	{1 In2306	ppm	192.5	1.389	0.7218	193.4	191.5
As1890	189.042	{4 Y_2243	ppm	0.982	0.0126	1.283	0.991	0.9731
B_2496	249.678	{1 Y_3710	ppm	1.032	0.0425	4.121	1.062	1.002
Ba4554	455.403	{ 7 Y_3710	ppm	3.103	0.1007	3.246	3.174	3.032
Be3130	313.042	{1 Y_3710	ppm	0.4812	0.0154	3.195	0.4921	0.4703
Ca3158	315.887	{1 In2306	ppm	2130	8.829	0.4145	2136	2124
Ca3181	318.128	{1 In2306	ppm	2258	13.86	0.6136	2268	2248
Cd2288	228.802	{4 Y_2243	ppm	0.4465	0.0036	0.8101	0.4491	0.444
Co2286	228.616	{4 In2306	ppm	1.047	0.0052	0.4947	1.051	1.044
Cr2677	267.716	{1 Y_3600	ppm	0.8636	0.0669	7.745	0.9108	0.8163
Cu3247	324.754	{1 Y_3600	ppm	0.9788	0.0826	8.444	1.037	0.9203
Fe2404	240.488	{1 In2306	ppm	150.7	0.9105	0.604	151.4	150.1
K_7664	766.490	{ 4 Y_3710	ppm	33.79	1.154	3.415	34.6	32.97
K_7698	769.896	{ 4 Y_3710	ppm	33.31	1.135	3.409	34.11	32.5
Li6707	670.784	{ 5 Y_3710	ppm	1.271	0.048	3.779	1.305	1.237
Mg2790	279.079	{1 Y_3710	ppm	40	1.204	3.01	40.85	39.15
Mn2576	257.610	{1 Y_3600	ppm	10.08	0.8118	8.05	10.66	9.51
Mn2576-2	257.610	{1 Y_3710	ppm	13.38	0.4449	3.325	13.7	13.07
Mo2020	202.030	{4 Y_2243	ppm	0.8036	0.0085	1.055	0.8096	0.7976
Na5895	589.592	{ 5 Y_3710	ppm	13.33	0.4696	3.522	13.67	13
Na8183	818.326	{ 4 Y_3710	ppm	12.93	0.4423	3.422	13.24	12.61
Ni2316	231.604	{4 In2306	ppm	1.171	0.0047	0.3989	1.174	1.167
P_1782	178.284	{4 In2306	ppm	10.29	0.0634	0.6162	10.33	10.24
Pb2203	220.353	{4 In2306	ppm	1.253	0.0048	0.3847	1.257	1.25
S_1820	182.034	{4 Y_2243	ppm	-2140	15.46	0.7225	-2151	-2129
Sb2068	206.833	{4 Y_2243	ppm	0.8908	0.0155	1.74	0.9017	0.8798
Se1960	196.090	{4 Y_2243	ppm	0.9298	0.0032	0.3391	0.932	0.9275
Si2516	251.611	{1 Y_3710	ppm	19.8	0.6131	3.097	20.23	19.36
Sn1899	189.989	{4 In2306	ppm	1.001	0.0063	0.6323	1.005	0.996
Sr4215	421.552	{ 8 Y_3710	ppm	5.517	0.1736	3.147	5.64	5.395
Ti3349	334.904	{1 Y_3600	ppm	1.037	0.0856	8.26	1.097	0.976
Tl1908	190.856	{4 In2306	ppm	0.8774	0.0047	0.5314	0.8807	0.8742
V_2924	292.402	{1 Y_3600	ppm	1.064	0.0847	7.959	1.124	1.004
Zn2062	206.200	{4 In2306	ppm	1.627	0.0061	0.3746	1.631	1.623

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	39.528	0.05687	0.14387	39.568	39.488
In2306	230.606	{4 Cts/S	6875.7	20.164	0.29326	6861.4	6890
Y_2243	224.306	{4 Cts/S	11750	56.245	0.4787	11710	11789
Y_3600	360.073	{ 9 Cts/S	103050	6679.7	6.4821	98325	107770
Y_3710	371.030	{ 9 Cts/S	5889.2	152.02	2.5813	5781.7	5996.7

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0002	123.4	0	-0.0002
Al3082	308.215	{1 In2306	ppm	35.64	0.3608	1.012	35.9	35.38
As1890	189.042	{4 Y_2243	ppm	0.0185	0.009	48.67	0.0122	0.0249
B_2496	249.678	{1 Y_3710	ppm	-0.0056	0.009	159.5	0.0007	-0.012
Ba4554	455.403	{ 7 Y_3710	ppm	0.3916	0.0177	4.519	0.4041	0.3791
Be3130	313.042	{1 Y_3710	ppm	0.0021	0.0003	13.31	0.0023	0.0019
Ca3158	315.887	{1 In2306	ppm	452.3	1.328	0.2936	451.3	453.2
Ca3181	318.128	{1 In2306	ppm	452.8	1.678	0.3705	451.6	454
Cd2288	228.802	{4 Y_2243	ppm	0.0034	0.0033	96.86	0.0011	0.0057
Co2286	228.616	{4 In2306	ppm	0.0281	0.0083	29.56	0.0222	0.034
Cr2677	267.716	{1 Y_3600	ppm	0.0288	0	0.0091	0.0288	0.0288
Cu3247	324.754	{1 Y_3600	ppm	0.0253	0.0006	2.214	0.0249	0.0257
Fe2404	240.488	{1 In2306	ppm	28.82	0.0087	0.0303	28.82	28.81
K_7664	766.490	{ 4 Y_3710	ppm	4.224	0.2812	6.657	4.423	4.025
K_7698	769.896	{ 4 Y_3710	ppm	4.178	0.1936	4.633	4.315	4.041
Li6707	670.784	{ 5 Y_3710	ppm	0.0263	0.0014	5.369	0.0273	0.0253
Mg2790	279.079	{1 Y_3710	ppm	6.067	0.1551	2.556	6.177	5.958
Mn2576	257.610	{1 Y_3600	ppm	2.419	0.0352	1.456	2.394	2.443
Mn2576-2	257.610	{1 Y_3710	ppm	2.521	0.0886	3.513	2.584	2.458
Mo2020	202.030	{4 Y_2243	ppm	0.0083	0.0083	100.4	0.0024	0.0142
Na5895	589.592	{ 5 Y_3710	ppm	0.3836	0.0206	5.359	0.3981	0.3691
Na8183	818.326	{ 4 Y_3710	ppm	0.4654	0.021	4.521	0.4505	0.4802
Ni2316	231.604	{4 In2306	ppm	0.0525	0.0093	17.71	0.046	0.0591
P_1782	178.284	{4 In2306	ppm	1.764	0.0689	3.904	1.715	1.813
Pb2203	220.353	{4 In2306	ppm	0.0776	0.0077	9.957	0.0722	0.0831
S_1820	182.034	{4 Y_2243	ppm	-475.3	9.022	1.898	-468.9	-481.7
Sb2068	206.833	{4 Y_2243	ppm	0.0178	0.0058	32.63	0.0137	0.0218
Se1960	196.090	{4 Y_2243	ppm	0.0064	0.005	78.21	0.0029	0.0099
Si2516	251.611	{1 Y_3710	ppm	3.63	0.0924	2.545	3.695	3.565
Sn1899	189.989	{4 In2306	ppm	0.0175	0.0094	53.68	0.0109	0.0242
Sr4215	421.552	{ 8 Y_3710	ppm	0.9913	0.0437	4.409	1.022	0.9604
Ti3349	334.904	{1 Y_3600	ppm	0.0549	0.0006	1.111	0.0545	0.0554
Tl1908	190.856	{4 In2306	ppm	0.0028	0.0062	217.4	-0.0015	0.0072
V_2924	292.402	{1 Y_3600	ppm	0.0748	0.001	1.292	0.0741	0.0755
Zn2062	206.200	{4 In2306	ppm	0.1557	0.0127	8.128	0.1468	0.1647

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	41.636	0.00196	0.00472	41.637	41.634
In2306	230.606	{4 Cts/S	8397.7	77.724	0.92553	8452.7	8342.7
Y_2243	224.306	{4 Cts/S	12163	72.059	0.59244	12214	12112
Y_3600	360.073	{ 9 Cts/S	104820	672.87	0.64191	105300	104350
Y_3710	371.030	{ 9 Cts/S	6282.2	205.8	3.2759	6136.7	6427.7

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2398	0.0037	1.533	0.2424	0.2372
Al3082	308.215	{1 In2306	ppm	2.673	0.0446	1.669	2.642	2.705
As1890	189.042	{4 Y_2243	ppm	0.4836	0.0033	0.6763	0.4859	0.4812
B_2496	249.678	{1 Y_3710	ppm	0.4518	0.0128	2.831	0.4427	0.4608
Ba4554	455.403	{ 7 Y_3710	ppm	0.505	0.0126	2.49	0.4961	0.5139
Be3130	313.042	{1 Y_3710	ppm	0.4844	0.0123	2.545	0.4757	0.4932
Ca3158	315.887	{1 In2306	ppm	12.52	0.0787	0.6287	12.47	12.58
Ca3181	318.128	{1 In2306	ppm	12.45	0.1891	1.52	12.31	12.58
Cd2288	228.802	{4 Y_2243	ppm	0.4766	0.0063	1.312	0.4811	0.4722
Co2286	228.616	{4 In2306	ppm	0.478	0.0033	0.6977	0.4804	0.4757
Cr2677	267.716	{1 Y_3600	ppm	0.4779	0.0142	2.974	0.4879	0.4678
Cu3247	324.754	{1 Y_3600	ppm	0.4764	0.0102	2.136	0.4836	0.4692
Fe2404	240.488	{1 In2306	ppm	2.302	0.0435	1.89	2.271	2.333
K_7664	766.490	{ 4 Y_3710	ppm	14.07	0.3899	2.771	13.8	14.35
K_7698	769.896	{ 4 Y_3710	ppm	13.53	0.3209	2.372	13.3	13.75
Li6707	670.784	{ 5 Y_3710	ppm	0.5577	0.0111	1.993	0.5499	0.5656
Mg2790	279.079	{1 Y_3710	ppm	4.498	0.0817	1.817	4.44	4.555
Mn2576	257.610	{1 Y_3600	ppm	0.4729	0.011	2.325	0.4807	0.4651
Mn2576-2	257.610	{1 Y_3710	ppm	0.4484	0.0105	2.343	0.441	0.4558
Mo2020	202.030	{4 Y_2243	ppm	0.4966	0.0081	1.633	0.5023	0.4909
Na5895	589.592	{ 5 Y_3710	ppm	13.92	0.3383	2.43	13.69	14.16
Na8183	818.326	{ 4 Y_3710	ppm	13.35	0.242	1.813	13.18	13.52
Ni2316	231.604	{4 In2306	ppm	0.4808	0.0037	0.7715	0.4834	0.4782
P_1782	178.284	{4 In2306	ppm	0.0021	0.0034	157.2	-0.0002	0.0045
Pb2203	220.353	{4 In2306	ppm	0.4798	0.0018	0.3821	0.4811	0.4785
S_1820	182.034	{4 Y_2243	ppm	-283.3	1.877	0.6624	-284.6	-282
Sb2068	206.833	{4 Y_2243	ppm	0.4861	0.008	1.643	0.4918	0.4805
Se1960	196.090	{4 Y_2243	ppm	0.4986	0.0056	1.12	0.5026	0.4947
Si2516	251.611	{1 Y_3710	ppm	0.8867	0.0253	2.858	0.8688	0.9046
Sn1899	189.989	{4 In2306	ppm	0.4878	0.0044	0.8945	0.4908	0.4847
Sr4215	421.552	{ 8 Y_3710	ppm	0.2577	0.0064	2.491	0.2532	0.2623
Ti3349	334.904	{1 Y_3600	ppm	0.4906	0.0109	2.231	0.4984	0.4829
Tl1908	190.856	{4 In2306	ppm	0.4982	0.0049	0.9888	0.5017	0.4947
V_2924	292.402	{1 Y_3600	ppm	0.464	0.01	2.163	0.4711	0.4569
Zn2062	206.200	{4 In2306	ppm	0.4674	0.0012	0.246	0.4682	0.4666

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.917	0.20355	0.46348	44.061	43.773
In2306	230.606	{4 Cts/S	9634.7	67.828	0.704	9586.7	9682.7
Y_2243	224.306	{4 Cts/S	12570	137.85	1.0967	12473	12667
Y_3600	360.073	{ 9 Cts/S	109320	1583.3	1.4482	108200	110440
Y_3710	371.030	{ 9 Cts/S	6484.5	147.74	2.2784	6588.9	6380

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0048	0.0003	6.584	0.0051	0.0046
Al3082	308.215	{1 In2306	ppm	0.1232	0.0206	16.76	0.1378	0.1086
As1890	189.042	{4 Y_2243	ppm	0.0088	0.0013	14.76	0.0079	0.0097
B_2496	249.678	{1 Y_3710	ppm	0.0011	0.0028	264.4	0.003	-0.0009
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0	0.4486	0.0095	0.0096
Be3130	313.042	{1 Y_3710	ppm	0.0047	0.0003	5.591	0.0049	0.0045
Ca3158	315.887	{1 In2306	ppm	0.0902	0.0034	3.734	0.0878	0.0926
Ca3181	318.128	{1 In2306	ppm	0.1123	0.023	20.48	0.096	0.1285
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0008	14.69	0.0048	0.0059
Co2286	228.616	{4 In2306	ppm	0.01	0.0011	11.18	0.0092	0.0108
Cr2677	267.716	{1 Y_3600	ppm	0.0088	0.0003	3.66	0.0086	0.0091
Cu3247	324.754	{1 Y_3600	ppm	0.0094	0.0004	4.69	0.0091	0.0097
Fe2404	240.488	{1 In2306	ppm	0.0977	0.0157	16.06	0.1087	0.0866
K_7664	766.490	{ 4 Y_3710	ppm	0.7173	0.0258	3.592	0.7355	0.6991
K_7698	769.896	{ 4 Y_3710	ppm	0.7801	0.0375	4.801	0.7536	0.8066
Li6707	670.784	{ 5 Y_3710	ppm	0.0109	0.0004	3.618	0.0112	0.0107
Mg2790	279.079	{1 Y_3710	ppm	0.0895	0.0184	20.51	0.1025	0.0765
Mn2576	257.610	{1 Y_3600	ppm	0.0096	0.0001	1.035	0.0095	0.0097
Mn2576-2	257.610	{1 Y_3710	ppm	0.0081	0.0003	3.351	0.0079	0.0083
Mo2020	202.030	{4 Y_2243	ppm	0.0116	0.0011	9.914	0.0107	0.0124
Na5895	589.592	{ 5 Y_3710	ppm	0.6673	0.0024	0.3552	0.6656	0.669
Na8183	818.326	{ 4 Y_3710	ppm	0.7406	0.2283	30.83	0.5791	0.9021
Ni2316	231.604	{4 In2306	ppm	0.0098	0.0008	8.366	0.0092	0.0103
P_1782	178.284	{4 In2306	ppm	0.0091	0.0005	6.001	0.0095	0.0087
Pb2203	220.353	{4 In2306	ppm	0.0101	0.0009	8.704	0.0095	0.0107
S_1820	182.034	{4 Y_2243	ppm	-1.474	0.4146	28.13	-1.767	-1.18
Sb2068	206.833	{4 Y_2243	ppm	0.0174	0.0013	7.652	0.0164	0.0183
Se1960	196.090	{4 Y_2243	ppm	0.0088	0.0027	30.26	0.007	0.0107
Si2516	251.611	{1 Y_3710	ppm	0.0209	0.0261	124.8	0.0394	0.0025
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0009	8.465	0.0101	0.0114
Sr4215	421.552	{ 8 Y_3710	ppm	0.0048	0.0001	1.185	0.0048	0.0048
Ti3349	334.904	{1 Y_3600	ppm	0.0102	0.0003	2.718	0.0104	0.01
Tl1908	190.856	{4 In2306	ppm	0.0105	0.0013	11.91	0.0096	0.0114
V_2924	292.402	{1 Y_3600	ppm	0.0088	0.0001	1.43	0.0087	0.0089
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0009	9.581	0.009	0.0103

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	40.539	1.6208	3.9982	41.685	39.393
In2306	230.606	{4 Cts/S	10241	45.188	0.44125	10209	10273
Y_2243	224.306	{4 Cts/S	12871	86.907	0.6752	12810	12933
Y_3600	360.073	{ 9 Cts/S	113950	1249.9	1.0969	114830	113060
Y_3710	371.030	{ 9 Cts/S	6589.8	66.482	1.0089	6636.8	6542.8

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	49.94	-0.0003	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0747	0.0168	22.49	0.0866	0.0628
As1890	189.042 {4	Y_2243	ppm	0	0.0003	2180	0.0002	-0.0002
B_2496	249.678 {1	Y_3710	ppm	-0.0077	0.0013	17.5	-0.0067	-0.0086
Ba4554	455.403 {	Y_3710	ppm	0.0001	0.0001	62.09	0.0001	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	97.78	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.013	0.0058	44.55	-0.0089	-0.017
Ca3181	318.128 {1	In2306	ppm	-0.0047	0.0041	86.22	-0.0018	-0.0076
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	195.2	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	99.58	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0001	23.48	-0.0002	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	0	0.0003	720.1	-0.0002	0.0002
Fe2404	240.488 {1	In2306	ppm	0.0018	0.0001	5.36	0.0019	0.0017
K_7664	766.490 {	Y_3710	ppm	0.008	0.011	137.7	0.0002	0.0157
K_7698	769.896 {	Y_3710	ppm	0.1903	0.0386	20.31	0.1629	0.2176
Li6707	670.784 {	Y_3710	ppm	0.0003	0.0003	110.4	0.0005	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0611	0.0941	154	0.0054	-0.1277
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	8.093	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0013	0.0003	19.59	-0.0015	-0.0012
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0004	129	0	0.0006
Na5895	589.592 {	Y_3710	ppm	0.0201	0.005	24.83	0.0165	0.0236
Na8183	818.326 {	Y_3710	ppm	0.3709	0.0853	23.01	0.4312	0.3105
Ni2316	231.604 {4	In2306	ppm	0	0.0001	1544	0.0001	-0.0001
P_1782	178.284 {4	In2306	ppm	0.0002	0.0003	152.3	0.0005	0
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0001	55.98	0.0002	0.0001
S_1820	182.034 {4	Y_2243	ppm	-0.8401	0.5891	70.12	-1.257	-0.4235
Sb2068	206.833 {4	Y_2243	ppm	0.0021	0.0006	27.59	0.0025	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0007	76.2	0.0004	0.0014
Si2516	251.611 {1	Y_3710	ppm	0.0101	0.018	179	0.0228	-0.0027
Sn1899	189.989 {4	In2306	ppm	0.0002	0	2.729	0.0002	0.0002
Sr4215	421.552 {	Y_3710	ppm	-0.0002	0	10.92	-0.0002	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0.0003	177.6	0	-0.0004
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0013	96.27	0.0023	0.0004
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0001	32.9	-0.0001	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	85.85	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.418	2.1874	5.1568	43.965	40.871
In2306	230.606 {4	Cts/S	10287	24.017	0.23347	10270	10304
Y_2243	224.306 {4	Cts/S	12900	33.367	0.25866	12877	12924
Y_3600	360.073 {	Cts/S	111990	1882.1	1.6806	113320	110660
Y_3710	371.030 {	Cts/S	6454.2	327.21	5.0697	6685.6	6222.8

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0009	781	0.0005	-0.0007
Al3082	308.215	{1 In2306	ppm	559.1	9.337	1.67	552.5	565.7
As1890	189.042	{4 Y_2243	ppm	0	0.0009	4377	-0.0006	0.0007
B_2496	249.678	{1 Y_3710	ppm	0.0083	0.0134	160.6	0.0178	-0.0011
Ba4554	455.403	{ 7 Y_3710	ppm	0.0007	0.0002	30.79	0.0006	0.0009
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	289.7	0.0001	0
Ca3158	315.887	{1 In2306	ppm	519.3	5.976	1.151	515.1	523.5
Ca3181	318.128	{1 In2306	ppm	520.1	6.062	1.165	515.8	524.4
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0002	282	0.0001	-0.0002
Co2286	228.616	{4 In2306	ppm	0.0004	0.0001	12.79	0.0005	0.0004
Cr2677	267.716	{1 Y_3600	ppm	0.0018	0.0004	20.09	0.0021	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.0034	0.0003	8.494	0.0036	0.0032
Fe2404	240.488	{1 In2306	ppm	189.2	2.326	1.229	187.6	190.9
K_7664	766.490	{ 4 Y_3710	ppm	0.0388	0.0184	47.3	0.0258	0.0518
K_7698	769.896	{ 4 Y_3710	ppm	0.1193	0.0041	3.44	0.1222	0.1164
Li6707	670.784	{ 5 Y_3710	ppm	0.0097	0.0001	1.028	0.0097	0.0096
Mg2790	279.079	{1 Y_3710	ppm	543.9	14.38	2.644	554.1	533.7
Mn2576	257.610	{1 Y_3600	ppm	-0.005	0	0.5735	-0.005	-0.005
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0074	0.0023	30.93	-0.0058	-0.0091
Mo2020	202.030	{4 Y_2243	ppm	-0.0004	0	4.994	-0.0004	-0.0004
Na5895	589.592	{ 5 Y_3710	ppm	0.0564	0.0046	8.087	0.0531	0.0596
Na8183	818.326	{ 4 Y_3710	ppm	0.5319	0.1515	28.48	0.6391	0.4248
Ni2316	231.604	{4 In2306	ppm	0.005	0.0002	3.228	0.0052	0.0049
P_1782	178.284	{4 In2306	ppm	0.0045	0.0012	26.43	0.0037	0.0054
Pb2203	220.353	{4 In2306	ppm	-0.0158	0.0023	14.68	-0.0141	-0.0174
S_1820	182.034	{4 Y_2243	ppm	33.5	0.9265	2.766	34.15	32.84
Sb2068	206.833	{4 Y_2243	ppm	-0.0067	0.0051	75.9	-0.0031	-0.0103
Se1960	196.090	{4 Y_2243	ppm	0.004	0.0036	89.5	0.0066	0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0087	0.046	530.5	0.0412	-0.0238
Sn1899	189.989	{4 In2306	ppm	0.0016	0.0008	50.17	0.0011	0.0022
Sr4215	421.552	{ 8 Y_3710	ppm	0.0021	0.0004	17.66	0.0024	0.0019
Ti3349	334.904	{1 Y_3600	ppm	0.002	0.0001	5.094	0.0019	0.0021
Tl1908	190.856	{4 In2306	ppm	-0.005	0.0001	2.265	-0.0051	-0.0049
V_2924	292.402	{1 Y_3600	ppm	-0.0072	0.0005	7.55	-0.0075	-0.0068
Zn2062	206.200	{4 In2306	ppm	0.0043	0.0003	6.417	0.0045	0.0041

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	40.3	0.76403	1.8959	40.84	39.76
In2306	230.606	{4 Cts/S	7329.1	140.41	1.9158	7229.8	7428.4
Y_2243	224.306	{4 Cts/S	10980	205.04	1.8673	10835	11125
Y_3600	360.073	{ 9 Cts/S	94952	1725.3	1.817	93732	96172
Y_3710	371.030	{ 9 Cts/S	5646.4	110.88	1.9638	5568	5724.8

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5393	0.0057	1.063	0.5353	0.5434
Al3082	308.215	{1 In2306	ppm	582.6	10.95	1.88	574.8	590.3
As1890	189.042	{4 Y_2243	ppm	0.9918	0.0071	0.7186	0.9969	0.9868
B_2496	249.678	{1 Y_3710	ppm	1.017	0.0066	0.6521	1.022	1.013
Ba4554	455.403	{ 7 Y_3710	ppm	1.147	0.0029	0.2566	1.149	1.145
Be3130	313.042	{1 Y_3710	ppm	0.5083	0.0026	0.5099	0.5101	0.5065
Ca3158	315.887	{1 In2306	ppm	536.8	14.04	2.615	526.9	546.7
Ca3181	318.128	{1 In2306	ppm	537.4	14.11	2.626	527.4	547.4
Cd2288	228.802	{4 Y_2243	ppm	0.4993	0.0062	1.25	0.5037	0.4949
Co2286	228.616	{4 In2306	ppm	0.9635	0.011	1.144	0.9713	0.9557
Cr2677	267.716	{1 Y_3600	ppm	0.892	0.0165	1.853	0.8803	0.9036
Cu3247	324.754	{1 Y_3600	ppm	1.032	0.016	1.551	1.02	1.043
Fe2404	240.488	{1 In2306	ppm	201	5.348	2.66	197.2	204.8
K_7664	766.490	{ 4 Y_3710	ppm	12.97	0.1861	1.435	13.11	12.84
K_7698	769.896	{ 4 Y_3710	ppm	12.49	0.1883	1.508	12.62	12.36
Li6707	670.784	{ 5 Y_3710	ppm	1.262	0.0162	1.284	1.273	1.251
Mg2790	279.079	{1 Y_3710	ppm	547.6	0.5446	0.0995	548	547.2
Mn2576	257.610	{1 Y_3600	ppm	0.8874	0.0148	1.664	0.8769	0.8978
Mn2576-2	257.610	{1 Y_3710	ppm	0.9689	0.0044	0.4543	0.972	0.9658
Mo2020	202.030	{4 Y_2243	ppm	0.9171	0.0151	1.643	0.9277	0.9064
Na5895	589.592	{ 5 Y_3710	ppm	12.55	0.1524	1.215	12.65	12.44
Na8183	818.326	{ 4 Y_3710	ppm	12.47	0.0202	0.1618	12.46	12.49
Ni2316	231.604	{4 In2306	ppm	0.9713	0.0128	1.322	0.9803	0.9622
P_1782	178.284	{4 In2306	ppm	1.106	0.0106	0.9586	1.114	1.099
Pb2203	220.353	{4 In2306	ppm	0.9297	0.013	1.401	0.9389	0.9205
S_1820	182.034	{4 Y_2243	ppm	38.14	0.2742	0.7189	38.33	37.94
Sb2068	206.833	{4 Y_2243	ppm	0.9694	0.0205	2.116	0.9839	0.9549
Se1960	196.090	{4 Y_2243	ppm	0.9994	0.0105	1.055	1.007	0.9919
Si2516	251.611	{1 Y_3710	ppm	0.9403	0.0023	0.2402	0.9387	0.9419
Sn1899	189.989	{4 In2306	ppm	0.9869	0.0112	1.137	0.9948	0.9789
Sr4215	421.552	{ 8 Y_3710	ppm	0.5666	0.0022	0.3902	0.5682	0.5651
Ti3349	334.904	{1 Y_3600	ppm	0.9388	0.0136	1.452	0.9291	0.9484
Tl1908	190.856	{4 In2306	ppm	0.9317	0.011	1.183	0.9395	0.9239
V_2924	292.402	{1 Y_3600	ppm	0.8721	0.0161	1.844	0.8608	0.8835
Zn2062	206.200	{4 In2306	ppm	0.9645	0.0092	0.9531	0.971	0.958

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	39.268	0.95349	2.4281	39.942	38.594
In2306	230.606	{4 Cts/S	7282.1	55.516	0.76237	7242.8	7321.3
Y_2243	224.306	{4 Cts/S	11002	101.3	0.92074	10930	11073
Y_3600	360.073	{ 9 Cts/S	94006	1122.1	1.1937	94799	93212
Y_3710	371.030	{ 9 Cts/S	5637.9	24.678	0.43771	5620.4	5655.3

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2324	0.0022	0.9537	0.2308	0.234
Al3082	308.215	{1 In2306	ppm	2.6	0.1173	4.513	2.683	2.517
As1890	189.042	{4 Y_2243	ppm	0.4791	0.0003	0.0596	0.4793	0.4789
B_2496	249.678	{1 Y_3710	ppm	0.4456	0.0039	0.876	0.4484	0.4428
Ba4554	455.403	{ 7 Y_3710	ppm	0.4943	0.0071	1.432	0.4993	0.4893
Be3130	313.042	{1 Y_3710	ppm	0.4733	0.0064	1.355	0.4778	0.4687
Ca3158	315.887	{1 In2306	ppm	12.28	0.0243	0.1976	12.3	12.26
Ca3181	318.128	{1 In2306	ppm	12.28	0.2182	1.777	12.43	12.12
Cd2288	228.802	{4 Y_2243	ppm	0.4703	0.0011	0.2428	0.4695	0.4711
Co2286	228.616	{4 In2306	ppm	0.4739	0.0013	0.2817	0.4729	0.4748
Cr2677	267.716	{1 Y_3600	ppm	0.4628	0.0021	0.4529	0.4613	0.4642
Cu3247	324.754	{1 Y_3600	ppm	0.4625	0.0017	0.365	0.4613	0.4637
Fe2404	240.488	{1 In2306	ppm	2.308	0.0662	2.87	2.354	2.261
K_7664	766.490	{ 4 Y_3710	ppm	13.78	0.3431	2.491	14.02	13.54
K_7698	769.896	{ 4 Y_3710	ppm	13.26	0.3991	3.011	13.54	12.98
Li6707	670.784	{ 5 Y_3710	ppm	0.5483	0.019	3.471	0.5617	0.5348
Mg2790	279.079	{1 Y_3710	ppm	4.435	0.0366	0.8246	4.409	4.461
Mn2576	257.610	{1 Y_3600	ppm	0.4598	0.0057	1.23	0.4558	0.4638
Mn2576-2	257.610	{1 Y_3710	ppm	0.436	0.001	0.2257	0.4353	0.4367
Mo2020	202.030	{4 Y_2243	ppm	0.4938	0.0005	0.0948	0.4941	0.4934
Na5895	589.592	{ 5 Y_3710	ppm	13.67	0.3703	2.71	13.93	13.41
Na8183	818.326	{ 4 Y_3710	ppm	12.7	0.1637	1.289	12.81	12.58
Ni2316	231.604	{4 In2306	ppm	0.4786	0.0008	0.1648	0.4781	0.4792
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0004	61.04	-0.001	-0.0004
Pb2203	220.353	{4 In2306	ppm	0.4768	0.0007	0.1423	0.4763	0.4773
S_1820	182.034	{4 Y_2243	ppm	-280.4	0.6658	0.2375	-279.9	-280.9
Sb2068	206.833	{4 Y_2243	ppm	0.4992	0.0001	0.0108	0.4992	0.4993
Se1960	196.090	{4 Y_2243	ppm	0.4917	0.0006	0.1289	0.4912	0.4921
Si2516	251.611	{1 Y_3710	ppm	0.8196	0.017	2.078	0.8317	0.8076
Sn1899	189.989	{4 In2306	ppm	0.4865	0.0018	0.3706	0.4852	0.4877
Sr4215	421.552	{ 8 Y_3710	ppm	0.2519	0.0034	1.349	0.2543	0.2495
Ti3349	334.904	{1 Y_3600	ppm	0.4803	0.0058	1.217	0.4761	0.4844
Tl1908	190.856	{4 In2306	ppm	0.4962	0.0041	0.8174	0.4991	0.4934
V_2924	292.402	{1 Y_3600	ppm	0.4488	0.005	1.107	0.4453	0.4523
Zn2062	206.200	{4 In2306	ppm	0.4645	0.0008	0.172	0.4639	0.4651

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.549	0.92244	2.1182	42.896	44.201
In2306	230.606	{4 Cts/S	9705.3	5.8537	0.06031	9709.4	9701.1
Y_2243	224.306	{4 Cts/S	12712	7.7855	0.06125	12717	12706
Y_3600	360.073	{ 9 Cts/S	111690	1094.3	0.97978	112470	110920
Y_3710	371.030	{ 9 Cts/S	6524.8	53.305	0.81696	6487.1	6562.5

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	56.19	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.1252	0.0608	48.56	0.1682	0.0822
As1890	189.042 {4	Y_2243	ppm	0	0.0014	27080	-0.001	0.001
B_2496	249.678 {1	Y_3710	ppm	-0.0006	0.002	346	0.0008	-0.002
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	575.3	0	0
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	265.2	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	-0.0122	0.002	16.3	-0.0136	-0.0108
Ca3181	318.128 {1	In2306	ppm	-0.0519	0.017	32.8	-0.0639	-0.0398
Cd2288	228.802 {4	Y_2243	ppm	0.0009	0.0012	134.6	0	0.0018
Co2286	228.616 {4	In2306	ppm	0.0011	0.0014	131.4	0.0001	0.0021
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0004	396.7	-0.0004	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0001	0	68.69	0	-0.0001
Fe2404	240.488 {1	In2306	ppm	-0.0032	0.0039	120.1	-0.006	-0.0005
K_7664	766.490 { 4	Y_3710	ppm	0.0092	0.0106	115.8	0.0017	0.0167
K_7698	769.896 { 4	Y_3710	ppm	0.1644	0.0866	52.68	0.2256	0.1031
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0004	93.47	0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0399	0.0227	56.93	-0.056	-0.0239
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	44.07	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0005	0.0019	379.5	0.0018	-0.0008
Mo2020	202.030 {4	Y_2243	ppm	0.0024	0.0021	86.26	0.0009	0.0039
Na5895	589.592 { 5	Y_3710	ppm	0.022	0.002	9.287	0.0234	0.0205
Na8183	818.326 { 4	Y_3710	ppm	0.1567	0.4557	290.7	0.4789	-0.1655
Ni2316	231.604 {4	In2306	ppm	0.0008	0.0012	151.8	-0.0001	0.0017
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0004	71.19	-0.0003	-0.0008
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0002	21.2	0.0007	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1.044	1.047	100.2	-0.3041	-1.784
Sb2068	206.833 {4	Y_2243	ppm	0.0122	0.0018	14.7	0.011	0.0135
Se1960	196.090 {4	Y_2243	ppm	0	0.0017	131200	-0.0012	0.0012
Si2516	251.611 {1	Y_3710	ppm	0.0143	0.0011	7.752	0.0135	0.015
Sn1899	189.989 {4	In2306	ppm	0.0019	0.0018	94.43	0.0006	0.0032
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0002	215.3	0	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0002	17.16	0.0008	0.001
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0007	43.35	0.0011	0.0021
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0005	83.89	-0.001	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.0011	0.0013	121.5	0.0001	0.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.524	0.37054	0.91439	40.786	40.262
In2306	230.606 {4	Cts/S	10317	39.274	0.38065	10345	10290
Y_2243	224.306 {4	Cts/S	12915	56.619	0.43838	12956	12875
Y_3600	360.073 { 9	Cts/S	110690	2993.6	2.7045	112810	108570
Y_3710	371.030 { 9	Cts/S	6477.5	5.887	0.09088	6473.4	6481.7

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 16:08:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0002	77.03	-0.0003	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0448	0.0065	14.6	0.0494	0.0402
As1890	189.042 {4	Y_2243	ppm	-0.0006	0.0001	12.57	-0.0005	-0.0007
B_2496	249.678 {1	Y_3710	ppm	-0.0095	0.0028	29	-0.0115	-0.0076
Ba4554	455.403 { 7	Y_3710	ppm	-0.0004	0.0003	81.66	-0.0006	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	2497	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0205	0.0179	87.13	-0.0332	-0.0079
Ca3181	318.128 {1	In2306	ppm	0.0625	0.0071	11.4	0.0574	0.0675
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	75.52	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	44.66	0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0001	22.24	-0.0004	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	0	0	71.1	0	-0.0001
Fe2404	240.488 {1	In2306	ppm	-0.0042	0.023	553.8	-0.0204	0.0121
K_7664	766.490 { 4	Y_3710	ppm	0.0171	0.0031	18.18	0.0193	0.0149
K_7698	769.896 { 4	Y_3710	ppm	-0.396	0.0116	2.93	-0.3877	-0.4042
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	45.25	0.0003	0.0006
Mg2790	279.079 {1	Y_3710	ppm	-0.1158	0.0353	30.46	-0.1407	-0.0908
Mn2576	257.610 {1	Y_3600	ppm	0	0	1146	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0024	3127	0.0016	-0.0018
Mo2020	202.030 {4	Y_2243	ppm	0	0.0002	798	-0.0002	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0144	0.0023	15.89	0.0128	0.016
Na8183	818.326 { 4	Y_3710	ppm	0.1073	0.0525	48.94	0.0702	0.1445
Ni2316	231.604 {4	In2306	ppm	-0.0003	0	10.78	-0.0003	-0.0003
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0008	119	-0.0001	-0.0013
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0005	37.24	0.001	0.0017
S_1820	182.034 {4	Y_2243	ppm	-0.1841	0.2431	132	-0.356	-0.0122
Sb2068	206.833 {4	Y_2243	ppm	-0.0009	0.0006	64.23	-0.0005	-0.0014
Se1960	196.090 {4	Y_2243	ppm	-0.0002	0.0019	1025	-0.0016	0.0012
Si2516	251.611 {1	Y_3710	ppm	0.0264	0.0101	38.41	0.0192	0.0336
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0002	47.53	-0.0006	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0002	0	9.872	-0.0002	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	0	0	39.36	0	0
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0003	44.95	0.0004	0.0008
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0001	17.04	-0.0006	-0.0005
Zn2062	206.200 {4	In2306	ppm	-0.0003	0.0001	44.65	-0.0004	-0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	44.083	1.6687	3.7855	45.263	42.903
In2306	230.606 {4	Cts/S	10427	176.68	1.6944	10302	10552
Y_2243	224.306 {4	Cts/S	12827	221.24	1.7248	12671	12983
Y_3600	360.073 { 9	Cts/S	117900	1340.5	1.1369	118850	116960
Y_3710	371.030 { 9	Cts/S	6878.7	98.399	1.4305	6948.3	6809.1

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 16:10:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	96.95	0.0002	0
Al3082	308.215	{1 In2306	ppm	0.0593	0.0044	7.432	0.0562	0.0624
As1890	189.042	{4 Y_2243	ppm	-0.0008	0.0006	74.47	-0.0012	-0.0004
B_2496	249.678	{1 Y_3710	ppm	0.0016	0.005	320.1	0.0051	-0.002
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0.0001	34.37	-0.0003	-0.0005
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	6.629	-0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0233	0.0032	13.87	-0.021	-0.0255
Ca3181	318.128	{1 In2306	ppm	0.0565	0.019	33.57	0.07	0.0431
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	21.96	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0001	0.0001	70.32	0.0001	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0002	43.37	-0.0005	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0003	147.2	0.0005	0
Fe2404	240.488	{1 In2306	ppm	0.011	0.0008	7.237	0.0104	0.0115
K_7664	766.490	{ 4 Y_3710	ppm	0.0459	0.0078	17.02	0.0514	0.0404
K_7698	769.896	{ 4 Y_3710	ppm	-0.398	0.0361	9.071	-0.3724	-0.4235
Li6707	670.784	{ 5 Y_3710	ppm	0.0003	0.0002	46.94	0.0004	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0525	0.0065	12.44	-0.0479	-0.0571
Mn2576	257.610	{1 Y_3600	ppm	0	0.0001	216.3	-0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0013	0.0011	88.71	-0.0021	-0.0005
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0002	261.8	0.0002	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0161	0.0048	29.76	0.0127	0.0195
Na8183	818.326	{ 4 Y_3710	ppm	0.0528	0.0285	53.87	0.0327	0.073
Ni2316	231.604	{4 In2306	ppm	-0.0003	0.0001	20.1	-0.0004	-0.0003
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0007	101.3	-0.0002	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0012	171.3	0.0016	-0.0002
S_1820	182.034	{4 Y_2243	ppm	0.7777	0.1063	13.67	0.8528	0.7025
Sb2068	206.833	{4 Y_2243	ppm	-0.0019	0.0009	46.65	-0.0013	-0.0026
Se1960	196.090	{4 Y_2243	ppm	0.0011	0.0006	54.26	0.0015	0.0007
Si2516	251.611	{1 Y_3710	ppm	0.01	0.0029	29.27	0.012	0.0079
Sn1899	189.989	{4 In2306	ppm	-0.0002	0	18.91	-0.0003	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0.0002	59.32	-0.0002	-0.0004
Ti3349	334.904	{1 Y_3600	ppm	-0.0002	0.0001	80.82	-0.0001	-0.0003
Tl1908	190.856	{4 In2306	ppm	0.001	0.0004	34.82	0.0013	0.0008
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0002	41.02	-0.0005	-0.0003
Zn2062	206.200	{4 In2306	ppm	-0.0003	0	0.899	-0.0003	-0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.261	0.14209	0.32845	43.161	43.362
In2306	230.606	{4 Cts/S	10490	177.22	1.6894	10615	10365
Y_2243	224.306	{4 Cts/S	12907	223.91	1.7348	13066	12749
Y_3600	360.073	{ 9 Cts/S	111310	860.76	0.77331	111920	110700
Y_3710	371.030	{ 9 Cts/S	6598.4	271.41	4.1133	6406.4	6790.3

Method: 20076010 01/11/12 07:17:37 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A011112	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/11/12 07:24:52 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/11/12 07:21:29

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01336	.00159	-.00072	-.00008	-.04597	.00195	-.00036
SDev	.00001	.00141	.00124	.00022	.00047	.00011	.00112
%RSD	.04781	88.417	172.82	282.70	1.0265	5.7246	314.46
#1	.01336	.00060	.00016	.00008	-.04564	.00203	-.00115
#2	.01337	.00259	-.00159	-.00024	-.04631	.00187	.00044

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00547	-.00020	-.00084	.00523	-.00211	.05307	.02460
SDev	.00014	.00000	.00017	.00020	.00208	.00039	.00021
%RSD	2.6191	.04781	20.156	3.8118	98.704	.73664	.84809
#1	.00537	-.00020	-.00095	.00509	-.00358	.05280	.02445
#2	.00557	-.00020	-.00072	.00537	-.00064	.05335	.02475

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00002	-.00002	-.00398	.35250	.05260	-.00068	-.00354
SDev	.00003	.00025	.00326	.00200	.00017	.00022	.00095
%RSD	141.42	1269.0	81.993	.56636	.31514	33.230	26.967
#1	.00004	.00016	-.00628	.35109	.05248	-.00083	-.00421
#2	.00000	-.00020	-.00167	.35391	.05271	-.00052	-.00286

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.14989	-.00231	-.00241	.00201	-.00410	-.00006	-.00066
SDev	.00024	.00045	.00042	.00166	.00011	.00003	.00025
%RSD	.16037	19.459	17.579	82.581	2.7938	47.183	38.525
#1	.14972	-.00262	-.00211	.00318	-.00402	-.00004	-.00083
#2	.15006	-.00199	-.00271	.00084	-.00418	-.00008	-.00048

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00650	.00177	-.01088	.00678

SDev	.00199	.00520	.00127	.00234
%RSD	30.661	293.81	11.682	34.467
#1	.00791	-.00191	-.00998	.00513
#2	.00509	.00545	-.01178	.00843

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25144	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0478069	--	--	--	--	--	--
#1	25153	--	--	--	--	--	--
#2	25136	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/11/12 07:25:10

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.1874	1.2169	1.2356	17.945	22.057	7.9070	12.730
SDev	.0005	.0009	.0033	.033	.002	.0009	.006
%RSD	.04313	.07724	.26768	.18479	.00734	.01139	.04523
#1	1.1871	1.2175	1.2379	17.969	22.058	7.9064	12.726
#2	1.1878	1.2162	1.2332	17.922	22.056	7.9076	12.734

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.8038	2.3506	1.4051	1.8331	5.0810	24.055	1.2680
SDev	.0023	.0002	.0010	.0043	.0033	.018	.0007
%RSD	.08150	.01002	.07118	.23186	.06430	.07345	.05707
#1	2.8022	2.3507	1.4044	1.8361	5.0787	24.068	1.2675
#2	2.8055	2.3504	1.4058	1.8300	5.0833	24.043	1.2685

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.0966	1.9745	5.6485	3.3111	1.0792	.97902	.17018
SDev	.0007	.0041	.0305	.0005	.0067	.00083	.00042
%RSD	.03203	.20807	.54080	.01428	.61815	.08489	.24919
#1	2.0971	1.9716	5.6701	3.3108	1.0839	.97961	.16988
#2	2.0961	1.9774	5.6269	3.3114	1.0744	.97843	.17048

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.328	53.587	.38227	2.7610	13.676	.63733	3.6589
SDev	.006	.120	.00057	.0023	.015	.00031	.0018
%RSD	.03194	.22312	.14874	.08461	.10620	.04845	.04972
#1	20.332	53.672	.38187	2.7593	13.686	.63755	3.6602
#2	20.323	53.503	.38267	2.7626	13.666	.63712	3.6576

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.2012	8.3340	1.3358	1.2088
SDev	.0042	.0243	.0054	.0115
%RSD	.10059	.29215	.40258	.94978
#1	4.1982	8.3168	1.3396	1.2006
#2	4.2042	8.3512	1.3320	1.2169

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24762	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0142778	--	--	--	--	--	--
#1	24765	--	--	--	--	--	--
#2	24760	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	17.0346	-.227630	01/11/12 07:25:10
Sb2068	206.838	STD	S0	1.65121	-.002627	01/11/12 07:25:10
As1890	189.042	STD	S0	1.60210	.001147	01/11/12 07:25:10
Ba4934	493.409	STD	S0	.111451	.000009	01/11/12 07:25:10
Be3130	313.042	STD	S0	.045272	.002081	01/11/12 07:25:10
B_2496	249.678	STD	S0	.253003	-.000493	01/11/12 07:25:10
Cd2265	226.502	STD	S0	.078710	.000028	01/11/12 07:25:10
Ca3179	317.933	STD	S0	7.14702	-.039083	01/11/12 07:25:10
Cr2677	267.716	STD	S0	.850785	.000169	01/11/12 07:25:10
Co2286	228.616	STD	S0	1.42257	.001188	01/11/12 07:25:10
Cu3247	324.753	STD	S0	1.09362	-.005719	01/11/12 07:25:10
Fe2714	271.441	STD	S0	3.77170	.007948	01/11/12 07:25:10
Li6707	670.784	STD	S0	.083325	-.004422	01/11/12 07:25:10
Pb2203	220.353		NONE	.000000	.000000	*01/11/12 07:25:10
Se1960	196.026		NONE	.000000	.000000	*01/11/12 07:25:10
Mg2790	279.078	STD	S0	16.0851	-.395659	01/11/12 07:25:10
Mn2576	257.610	STD	S0	.954117	-.000019	01/11/12 07:25:10
Mo2020	202.030	STD	S0	1.01292	.000020	01/11/12 07:25:10
Ni2316	231.604	STD	S0	.353825	.001407	01/11/12 07:25:10
K_7664	766.491	STD	S0	6.75997	-2.38291	01/11/12 07:25:10
Si2881	288.158	STD	S0	1.93033	-.101528	01/11/12 07:25:10
Ag3280	328.068	STD	S0	1.02100	.000690	01/11/12 07:25:10
Na3302	330.232	STD	S0	115.130	.407483	01/11/12 07:25:10
Na5889	588.995	STD	S0	.991194	-.148574	01/11/12 07:25:10
Sr4215	421.552	STD	S0	.018669	.000043	01/11/12 07:25:10
Tl1908	190.864	STD	S0	5.21590	.012550	01/11/12 07:25:10
Sn1899	189.989	STD	S0	.724905	-.001456	01/11/12 07:25:10
Ti3349	334.941	STD	S0	.146199	.000599	01/11/12 07:25:10
V_2924	292.402	STD	S0	3.10771	.000185	01/11/12 07:25:10
Zn2138	213.856	STD	S0	.547181	.000359	01/11/12 07:25:10
2203/1	220.351	STD	S0	.479578	-.003118	01/11/12 07:25:10
2203/2	220.352	STD	S0	.239133	-.000424	01/11/12 07:25:10
1960/1	196.021	STD	S0	1.48701	.016175	01/11/12 07:25:10
1960/2	196.022	STD	S0	1.66045	-.011260	01/11/12 07:25:10

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/11/12 07:28:43 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/11/12 07:28:43 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/11/12 07:32:56 AM page 1

Method: 20076010 Sample Name: S2-met1211cal_00001 Operator: SRP
Run Time: 01/11/12 07:29:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.961	1.9888	1.9976	1.9927	1.0007	1.9981	.99640

SDev	.027	.0036	.0016	.0049	.0009	.0029	.00042
%RSD	.13768	.18144	.08058	.24531	.09335	.14608	.04164
#1	19.981	1.9914	1.9987	1.9961	1.0013	2.0002	.99669
#2	19.942	1.9863	1.9964	1.9892	1.0000	1.9961	.99610

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.930	1.9949	1.9945	1.9968	19.946	1.9918	1.9935
SDev	.029	.0042	.0043	.0042	.038	.0046	.0030
%RSD	.14706	.20958	.21736	.21067	.18952	.22933	.15291
#1	19.950	1.9979	1.9976	1.9997	19.972	1.9950	1.9957
#2	19.909	1.9920	1.9915	1.9938	19.919	1.9886	1.9914

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9955	19.962	1.9926	1.9962	1.9660	19.816	1.9680
SDev	.0013	.041	.0038	.0013	.0050	.034	.0045
%RSD	.06315	.20378	.19215	.06380	.25208	.16930	.22790
#1	1.9964	19.991	1.9953	1.9971	1.9695	19.839	1.9712
#2	1.9946	19.933	1.9899	1.9953	1.9625	19.792	1.9649

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99708	19.971	19.934	.99167	2.0021	1.9909	1.9904
SDev	.00109	.068	.054	.00241	.0023	.0100	.0039
%RSD	.10926	.33979	.26897	.24339	.11482	.50132	.19480
#1	.99785	19.923	19.972	.99338	2.0037	1.9979	1.9931
#2	.99631	20.019	19.896	.98996	2.0005	1.9838	1.9876

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9925	1.9933	1.9949	1.9929	2.0050	1.9908
SDev	.0037	.0034	.0040	.0026	.0040	.0001
%RSD	.18731	.17143	.19941	.12963	.20196	.00675
#1	1.9951	1.9957	1.9977	1.9947	2.0079	1.9907
#2	1.9898	1.9908	1.9921	1.9910	2.0021	1.9909

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24981	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.1528512	--	--	--	--	--	--

#1	24954	--	--	--	--	--	--
#2	25008	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met1211ccv_00003 Operator: SRP
Run Time: 01/11/12 07:33:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4729	.49356	.49902	.49324	.50727	.49762	.49985
SDev	.0061	.00032	.00115	.00130	.00076	.00021	.00088
%RSD	.24629	.06376	.22993	.26381	.15086	.04309	.17580
#1	2.4772	.49334	.49821	.49416	.50781	.49778	.50047
#2	2.4686	.49378	.49983	.49232	.50673	.49747	.49922

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.512	.49766	.50135	.50022	2.5223	.46371	.49936
SDev	.013	.00098	.00085	.00133	.0062	.00047	.00101
%RSD	.10707	.19678	.17036	.26555	.24488	.10170	.20246
#1	12.521	.49835	.50196	.50116	2.5266	.46404	.49864
#2	12.502	.49696	.50075	.49928	2.5179	.46337	.50007

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50682	5.0048	.49258	.50761	.48727	11.815	.94010
SDev	.00282	.0029	.00064	.00103	.00194	.011	.00196
%RSD	.55603	.05733	.13086	.20250	.39865	.09323	.20891
#1	.50483	5.0069	.49303	.50834	.48589	11.823	.94149
#2	.50881	5.0028	.49212	.50688	.48864	11.807	.93871

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24652	12.433	11.737	.24650	.51015	.51030	.50095
SDev	.00007	.001	.007	.00052	.00282	.00042	.00061
%RSD	.02898	.00546	.06047	.20901	.55368	.08174	.12189
#1	.24647	12.433	11.742	.24686	.50816	.51000	.50138
#2	.24657	12.434	11.732	.24613	.51215	.51059	.50051

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50144	.50796	.50135	.49836	.51033	.50512
SDev	.00024	.00054	.00082	.00193	.00190	.00518
%RSD	.04879	.10658	.16349	.38653	.37223	1.0249
#1	.50162	.50834	.50193	.49700	.51167	.50146
#2	.50127	.50757	.50077	.49973	.50898	.50878

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/11/12 07:36:48 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25083	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0056381	--	--	--	--	--	--
#1	25084	--	--	--	--	--	--
#2	25082	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/11/12 07:36:52

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01203	.00209	.00077	.00056	.00048	.00338	.00065
SDev	.00225	.00057	.00009	.00008	.00005	.00106	.00016
%RSD	18.717	27.263	11.312	14.695	10.426	31.360	24.971
#1	.01363	.00168	.00084	.00062	.00051	.00413	.00076
#2	.01044	.00249	.00071	.00051	.00044	.00263	.00053

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01570	.00104	.00011	.00122	.00175	.00063	.00030
SDev	.00142	.00011	.00023	.00004	.01031	.00013	.00049
%RSD	9.0181	10.991	218.15	3.3702	590.50	19.903	160.55
#1	.01670	.00096	.00027	.00119	.00904	.00071	.00065
#2	.01470	.00112	-.00006	.00125	-.00555	.00054	-.00004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00996	.00057	.00345	.00060	.02095	.00627
SDev	.00005	.00664	.00009	.00143	.00039	.03918	.00178
%RSD	20.726	66.640	14.877	41.435	64.606	187.05	28.376
#1	-.00028	.01466	.00063	.00446	.00032	.04866	.00753
#2	-.00021	.00527	.00051	.00244	.00087	-.00676	.00501

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.04587	.01110	.00025	.00588	-.00206	.00072
SDev	.00017	.03317	.00340	.00003	.00290	.00119	.00021
%RSD	60.385	72.314	30.591	12.250	49.360	57.532	28.988
#1	.00040	.06933	.01350	.00027	.00793	-.00122	.00086
#2	.00016	.02242	.00870	.00023	.00383	-.00290	.00057

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	.00068	.00097	-.00003	.00219	-.00146
SDev	.00011	.00005	.00198	.00026	.00002	.00007
%RSD	13.588	7.0300	204.08	874.38	.87850	4.5141
#1	.00085	.00071	.00237	-.00021	.00217	-.00150

#2	.00070	.00064	-.00043	.00015	.00220	-.00141

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24984	--	--	--	--	--	--
SDev	184.5549	--	--	--	--	--	--
%RSD	.7386774	--	--	--	--	--	--
#1	24854	--	--	--	--	--	--
#2	25115	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/11/12 07:40:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10478	.01219	.01191	.01054	.00537	.01247	.00561
SDev	.00012	.00145	.00206	.00002	.00000	.00060	.00001
%RSD	.11578	11.922	17.269	.18244	.02538	4.7803	.25563
#1	.10486	.01322	.01337	.01052	.00537	.01205	.00560
#2	.10469	.01117	.01046	.01055	.00536	.01289	.00562

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10805	.01069	.01026	.01082	.11693	.00909	.01107
SDev	.00079	.00015	.00009	.00006	.00355	.00001	.00079
%RSD	.73472	1.4260	.86665	.54215	3.0326	.15793	7.1594
#1	.10749	.01058	.01020	.01078	.11443	.00908	.01163
#2	.10861	.01079	.01033	.01087	.11944	.00910	.01051

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01165	.10618	.01056	.01170	.01054	.55466	.01280
SDev	.00046	.00542	.00000	.00046	.00036	.02307	.00123
%RSD	3.9694	5.1046	.03176	3.9460	3.3917	4.1591	9.5850
#1	.01133	.10234	.01056	.01137	.01029	.53835	.01366
#2	.01198	.11001	.01056	.01202	.01079	.57097	.01193

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00509	.65672	.54256	.00512	.01292	.00840	.01064
SDev	.00001	.04719	.00257	.00001	.00352	.00072	.00012
%RSD	.09714	7.1851	.47295	.10461	27.209	8.5877	1.1128
#1	.00509	.69009	.54438	.00512	.01541	.00891	.01072
#2	.00509	.62336	.54075	.00512	.01044	.00789	.01056

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01080	.01084	.01060	.01130	.01458	.01019

SDev	.00006	.00011	.00086	.00162	.00398	.00268
%RSD	.56566	1.0424	8.0720	14.303	27.278	26.340
#1	.01075	.01092	.01000	.01245	.01740	.00829
#2	.01084	.01076	.01121	.01016	.01177	.01208

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25162	--	--	--	--	--	--
SDev	135.7645	--	--	--	--	--	--
%RSD	.5395616	--	--	--	--	--	--
#1	25258	--	--	--	--	--	--

#2	25066	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/11/12 07:44:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	491.24	-.00059	-.00074	.00179	-.00007	-.00138	.00395
SDev	.19	.00599	.00394	.00004	.00004	.00137	.00015
%RSD	.03848	1024.0	534.72	2.3318	59.801	98.789	3.7397
#1	491.10	-.00482	-.00352	.00176	-.00010	-.00235	.00405
#2	491.37	.00365	.00205	.00182	-.00004	-.00042	.00384

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	436.61	.00130	.00006	.01294	185.96	.00427	.00833
SDev	1.83	.00041	.00038	.00031	.49	.00011	.00060
%RSD	.42013	31.334	615.87	2.4224	.26404	2.6636	7.1842
#1	435.31	.00101	.00033	.01272	185.61	.00435	.00791
#2	437.91	.00159	-.00021	.01316	186.31	.00419	.00875

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01272	495.82	-.00746	-.00002	.00134	-.03462	.01461
SDev	.00392	1.63	.00010	.00092	.00042	.00983	.00223
%RSD	30.839	.32815	1.3903	4404.2	31.162	28.399	15.277
#1	-.01550	494.67	-.00753	.00063	.00163	-.04157	.01304
#2	-.00995	496.97	-.00739	-.00067	.00104	-.02767	.01619

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.07701	.15403	-.00854	-.00693	.00018	-.00241
SDev	.00018	.06439	.00021	.00004	.00276	.00113	.00014
%RSD	187.73	83.610	.13507	.49943	39.789	637.54	5.7709
#1	.00003	.03148	.15388	-.00851	-.00498	.00097	-.00250
#2	-.00023	.12254	.15418	-.00857	-.00889	-.00062	-.00231

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	.00180	-.08823	.05661	.00107	-.01962
SDev	.00073	.00009	.00481	.00331	.01131	.01154
%RSD	19.949	4.7907	5.4557	5.8373	1058.4	58.821
#1	.00313	.00186	-.08483	.05428	.00907	-.02778
#2	.00416	.00174	-.09164	.05895	-.00693	-.01146

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23353	--	--	--	--	--	--
SDev	115.9655	--	--	--	--	--	--
%RSD	.4965765	--	--	--	--	--	--

#1	23271	--	--	--	--	--	--
#2	23435	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/11/12 07:48:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	505.30	1.0138	1.0020	1.0200	.47619	1.0191	.46522
SDev	.29	.0014	.0019	.0007	.00040	.0022	.00048
%RSD	.05788	.13695	.18769	.06561	.08360	.21858	.10389
#1	505.09	1.0128	1.0034	1.0196	.47648	1.0175	.46556
#2	505.50	1.0148	1.0007	1.0205	.47591	1.0207	.46488

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	447.82	.93749	.91369	1.0908	196.24	1.2497	.94448
SDev	.62	.00028	.00108	.0006	.24	.0023	.00344
%RSD	.13905	.02962	.11794	.05715	.12056	.18073	.36450
#1	448.26	.93768	.91445	1.0904	196.40	1.2481	.94692
#2	447.38	.93729	.91293	1.0912	196.07	1.2513	.94205

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97502	508.59	.93155	.95910	.89835	13.970	.94768
SDev	.00409	.42	.00086	.00173	.00533	.018	.00099
%RSD	.41998	.08253	.09189	.18020	.59312	.12640	.10404
#1	.97792	508.89	.93215	.96033	.90212	13.957	.94698
#2	.97213	508.29	.93094	.95788	.89458	13.982	.94838

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52499	12.350	13.892	.49283	.93931	.96838	.97291
SDev	.00009	.032	.027	.00005	.00111	.00133	.00051

%RSD	.01616	.26190	.19385	.01015	.11775	.13720	.05259
#1	.52505	12.327	13.873	.49287	.94009	.96744	.97327
#2	.52493	12.373	13.911	.49279	.93852	.96932	.97255

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96425	.98086	.83983	.99681	.98356	.97075
SDev	.00013	.00136	.00346	.00344	.00416	.00822
%RSD	.01371	.13818	.41171	.34460	.42278	.84691
#1	.96434	.98182	.84227	.99924	.98062	.97657
#2	.96415	.97990	.83738	.99438	.98650	.96494

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23248	--	--	--	--	--	--

SDev	12.02082	--	--	--	--	--	--
%RSD	.0517080	--	--	--	--	--	--
#1	23239	--	--	--	--	--	--
#2	23256	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/11/12 07:52:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5474	.49310	.49537	.49522	.50049	.49395	.49230
SDev	.0163	.00119	.00537	.00075	.00104	.00097	.00111
%RSD	.63967	.24037	1.0834	.15070	.20825	.19687	.22465
#1	2.5589	.49226	.49158	.49469	.49976	.49327	.49152
#2	2.5358	.49394	.49917	.49575	.50123	.49464	.49308

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.338	.49044	.49460	.50250	2.5077	.46743	.49125
SDev	.004	.00003	.00131	.00032	.0026	.00009	.00190
%RSD	.03607	.00721	.26470	.06406	.10292	.01954	.38765
#1	12.342	.49042	.49368	.50273	2.5059	.46749	.48990
#2	12.335	.49047	.49553	.50227	2.5095	.46736	.49260

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50348	5.0094	.48747	.50156	.48566	11.851	.93113
SDev	.00056	.0107	.00053	.00152	.00079	.021	.00154
%RSD	.11062	.21336	.10818	.30241	.16175	.18087	.16575
#1	.50387	5.0170	.48710	.50049	.48510	11.836	.93222
#2	.50309	5.0019	.48784	.50263	.48621	11.866	.93003

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24513	12.453	11.874	.24706	.50060	.50450	.49854
SDev	.00021	.034	.025	.00033	.00215	.00037	.00033
%RSD	.08418	.27180	.20707	.13477	.42850	.07321	.06567
#1	.24499	12.429	11.891	.24683	.49908	.50424	.49831
#2	.24528	12.477	11.856	.24730	.50211	.50476	.49877

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49708	.50045	.49137	.49119	.50628	.50214
SDev	.00022	.00033	.00345	.00113	.00346	.00089
%RSD	.04482	.06662	.70299	.22992	.68252	.17771
#1	.49692	.50022	.48892	.49040	.50872	.50151
#2	.49724	.50069	.49381	.49199	.50384	.50277

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25334	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.2009619	--	--	--	--	--	--
#1	25370	--	--	--	--	--	--
#2	25298	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/11/12 07:56:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02845	.00226	-.00049	.00031	.00031	.00240	.00027
SDev	.00029	.00221	.00054	.00008	.00006	.00146	.00021
%RSD	1.0189	97.706	109.64	25.821	20.755	60.869	79.674
#1	.02866	.00382	-.00011	.00037	.00036	.00343	.00042
#2	.02825	.00070	-.00087	.00026	.00026	.00137	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02600	.00056	.00034	.00068	.01501	-.00028	-.00003
SDev	.00175	.00012	.00000	.00036	.00886	.00006	.00041
%RSD	6.7290	21.336	.17749	53.624	59.041	20.471	1216.9
#1	.02724	.00064	.00035	.00093	.02127	-.00024	-.00032
#2	.02477	.00047	.00034	.00042	.00874	-.00032	.00026

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	.01328	.00036	.00188	.00088	-.07070	.00140
SDev	.00167	.00285	.00011	.00099	.00029	.00606	.00128
%RSD	322.39	21.445	29.715	52.590	32.429	8.5764	91.308

#1	-.00170	.01530	.00043	.00258	.00068	-.06641	.00230
#2	.00066	.01127	.00028	.00118	.00109	-.07499	.00049

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.04813	.00188	.00017	.00503	-.00083	.00043
SDev	.00006	.02599	.00271	.00004	.00072	.00126	.00009
%RSD	15.578	54.002	144.40	24.270	14.387	152.24	21.661
#1	.00041	.06651	.00380	.00020	.00452	-.00171	.00050
#2	.00033	.02975	-.00004	.00014	.00554	.00006	.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00035	-.00135	.00063	.00246	-.00201
SDev	.00027	.00014	.00077	.00100	.00036	.00232
%RSD	69.624	39.420	57.277	160.05	14.819	115.87
#1	.00058	.00044	-.00080	-.00008	.00220	-.00365
#2	.00020	.00025	-.00190	.00133	.00271	-.00036

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25311	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0726355	--	--	--	--	--	--
#1	25324	--	--	--	--	--	--
#2	25298	--	--	--	--	--	--

Analysis Report 01/11/12 08:05:26 AM page 1

Method: 20076010 Sample Name: mb 600-69757/1-a Operator: SRP
Run Time: 01/11/12 08:01:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01488	.00323	.00180	.00064	.00003	.00138	.00024
SDev	.00001	.00174	.00328	.00002	.00001	.00052	.00023
%RSD	.09273	53.822	182.65	2.4585	41.440	37.936	96.518
#1	.01487	.00200	-.00052	.00065	.00002	.00176	.00041
#2	.01489	.00446	.00412	.00063	.00004	.00101	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07862	.00051	-.00039	.00130	.03086	-.00051	.00076
SDev	.00021	.00019	.00020	.00022	.01525	.00001	.00071
%RSD	.26703	37.856	52.528	16.751	49.425	1.4277	93.998
#1	.07847	.00037	-.00024	.00114	.04164	-.00052	.00025
#2	.07876	.00065	-.00053	.00145	.02007	-.00051	.00126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	-.00624	.00067	.00059	.00094	-.04101	.00541
SDev	.00059	.00002	.00005	.00040	.00023	.00033	.00071
%RSD	158.30	.35463	8.0829	68.287	24.506	.79380	13.042
#1	-.00004	-.00626	.00063	.00088	.00111	-.04124	.00591
#2	.00079	-.00623	.00071	.00031	.00078	-.04078	.00491

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.15514	.00936	.00020	.00028	.03070	.00013
SDev	.00052	.06877	.00001	.00001	.00044	.00074	.00003
%RSD	99.365	44.325	.09599	5.7457	159.29	2.4233	22.116
#1	.00090	.20377	.00935	.00020	-.00004	.03017	.00011
#2	.00016	.10652	.00936	.00021	.00059	.03123	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00403	.00411	-.00092	-.00476	.00294
SDev	.00009	.00013	.00078	.00068	.00093	.00042
%RSD	36.376	3.1396	18.937	73.951	19.532	14.349
#1	.00032	.00394	.00356	-.00140	-.00541	.00264
#2	.00019	.00412	.00466	-.00044	-.00410	.00324

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24866	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0056873	--	--	--	--	--	--

#1	24867	--	--	--	--	--	--
#2	24865	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69757/2-a Operator: SRP
Run Time: 01/11/12 08:05:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.606	.80375	1.2414	2.3170	1.3956	.81104	.65612
SDev	.366	.00132	.0061	.0070	.0020	.00007	.00214
%RSD	.51144	.16408	.49039	.30332	.14352	.00922	.32595
#1	71.865	.80468	1.2457	2.3219	1.3971	.81110	.65764
#2	71.347	.80282	1.2371	2.3120	1.3942	.81099	.65461

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.798	.93695	1.3111	1.0608	150.98	.07296	1.1959
SDev	.264	.00318	.0043	.0044	.44	.00032	.0063
%RSD	.31488	.33914	.32732	.41788	.29301	.43838	.52659
#1	83.985	.93920	1.3141	1.0639	151.29	.07318	1.2003
#2	83.612	.93471	1.3081	1.0577	150.66	.07273	1.1914

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8446	36.049	4.7481	.89018	1.2177	41.899	6.1872
SDev	.0089	.122	.0129	.00185	.0068	.225	.0229
%RSD	.48308	.33954	.27159	.20766	.56087	.53607	.37088
#1	1.8509	36.135	4.7572	.89149	1.2225	42.058	6.2035
#2	1.8383	35.962	4.7390	.88887	1.2129	41.740	6.1710

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40522	3.3850	5.8530	2.2407	1.4521	1.4643	3.4886
SDev	.00130	.0498	.0271	.0074	.0010	.0016	.0093
%RSD	.32083	1.4702	.46294	.33234	.07138	.10858	.26680
#1	.40614	3.4202	5.8722	2.2460	1.4514	1.4654	3.4952
#2	.40430	3.3498	5.8339	2.2354	1.4528	1.4631	3.4820

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57420	2.0680	1.1747	1.2065	1.8331	1.8504
SDev	.00168	.0048	.0004	.0097	.0023	.0145
%RSD	.29219	.23053	.03553	.80024	.12806	.78578

#1	.57539	2.0713	1.1744	1.2133	1.8314	1.8607
#2	.57301	2.0646	1.1750	1.1996	1.8347	1.8401

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/11/12 08:09:17 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26371	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.2198732	--	--	--	--	--	--
#1	26330	--	--	--	--	--	--
#2	26412	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48366-a-1-a Operator: SRP
Run Time: 01/11/12 08:09:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.134	.01659	.16046	1.3427	.00403	.02317	.03290
SDev	.083	.00139	.00269	.0008	.00001	.00069	.00007
%RSD	.11735	8.4043	1.6755	.05852	.21848	2.9737	.20057
#1	71.075	.01757	.15856	1.3432	.00404	.02366	.03294
#2	71.193	.01560	.16236	1.3421	.00402	.02268	.03285

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1419.6	.43949	.08733	3.5240	444.49	.04245	.65563
SDev	2.2	.00046	.00063	.0014	.91	.00011	.00145
%RSD	.15484	.10496	.71599	.03879	.20522	.24720	.22095
#1	1418.1	.43916	.08777	3.5249	443.84	.04237	.65461
#2	1421.2	.43982	.08688	3.5230	445.13	.04252	.65665

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02088	130.17	3.5140	.24013	.28696	10.725	9.1993
SDev	.00007	.18	.0039	.00086	.00095	.002	.0455
%RSD	.33277	.13539	.11238	.35706	.33128	.01437	.49508
#1	-.02083	130.04	3.5112	.24074	.28629	10.726	9.1671
#2	-.02093	130.29	3.5168	.23953	.28763	10.724	9.2315

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00153	7.0946	7.6783	2.6603	-.03343	.13967	.48787
SDev	.00043	.0158	.0002	.0011	.00777	.00124	.00022
%RSD	28.228	.22333	.00202	.04041	23.234	.89075	.04425
#1	-.00123	7.0834	7.6785	2.6610	-.02793	.14054	.48802
#2	-.00184	7.1058	7.6782	2.6595	-.03892	.13879	.48772

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25060	9.0473	.63368	.66660	-.00574	-.02845

SDev	.00021	.0099	.00169	.00302	.00276	.00148
%RSD	.08558	.10938	.26647	.45262	48.016	5.2094
#1	.25045	9.0403	.63487	.66447	-.00769	-.02740

#2	.25076	9.0543	.63249	.66874	-.00379	-.02950

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23303	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0242752	--	--	--	--	--	--
#1	23299	--	--	--	--	--	--
#2	23307	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48366-a-2-a Operator: SRP
Run Time: 01/11/12 08:13:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.045	.01425	.14836	1.3231	.00361	.01663	.03966
SDev	.147	.00142	.00298	.0024	.00001	.00024	.00013
%RSD	.22638	9.9408	2.0062	.18208	.29564	1.4424	.31720
#1	64.941	.01325	.15047	1.3214	.00362	.01646	.03974
#2	65.149	.01525	.14626	1.3248	.00360	.01680	.03957

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1601.4	.38760	.07298	2.4909	670.82	.04167	.50061
SDev	11.0	.00284	.00050	.0033	4.58	.00021	.00225
%RSD	.68592	.73236	.69017	.13418	.68347	.51254	.45032
#1	1609.2	.38961	.07333	2.4886	674.06	.04152	.50221
#2	1593.7	.38559	.07262	2.4933	667.58	.04182	.49902

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03678	137.53	4.5994	.17360	.21657	9.2273	7.3016
SDev	.00057	.76	.0260	.00102	.00152	.0619	.0208
%RSD	1.5633	.55329	.56428	.58835	.70306	.67127	.28432
#1	-.03637	138.07	4.6177	.17432	.21764	9.1835	7.3162
#2	-.03719	136.99	4.5810	.17288	.21549	9.2711	7.2869

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00250	7.7912	8.5635	3.3925	-.04893	.14657	.41147
SDev	.00021	.0516	.0606	.0023	.00127	.00280	.00050
%RSD	8.4076	.66282	.70818	.06898	2.5963	1.9093	.12155
#1	-.00265	7.7546	8.5207	3.3909	-.04983	.14855	.41182
#2	-.00235	7.8277	8.6064	3.3942	-.04804	.14459	.41111

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23333	7.0757	.47449	.51367	-.01761	-.04637

SDev	.00081	.0441	.00375	.00151	.00681	.00427
%RSD	.34874	.62257	.79073	.29309	38.662	9.2018
#1	.23390	7.1069	.47714	.51474	-.02242	-.04335
#2	.23275	7.0446	.47184	.51261	-.01280	-.04938

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23085	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.2695490	--	--	--	--	--	--
#1	23129	--	--	--	--	--	--
#2	23041	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48366-a-3-a Operator: SRP
Run Time: 01/11/12 08:17:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.242	.01149	.13729	2.0200	.00471	.02544	.03686
SDev	.104	.00428	.00274	.0037	.00002	.00014	.00013
%RSD	.14045	37.263	1.9963	.18158	.48383	.54395	.34824
#1	74.316	.00846	.13535	2.0226	.00469	.02534	.03695
#2	74.168	.01451	.13923	2.0174	.00472	.02554	.03677

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1611.8	.31687	.08470	2.1177	303.63	.04504	.57151
SDev	.4	.00026	.00019	.0025	.09	.00013	.00086
%RSD	.02561	.08210	.22839	.11773	.02880	.28757	.15028
#1	1612.1	.31669	.08483	2.1194	303.69	.04513	.57212
#2	1611.5	.31705	.08456	2.1159	303.57	.04495	.57091

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01716	163.27	7.4119	.13026	.29861	9.1382	9.2545
SDev	.00208	.09	.0037	.00072	.00008	.0079	.0204
%RSD	12.101	.05232	.04959	.55464	.02686	.08689	.21997
#1	-.01569	163.33	7.4145	.12975	.29856	9.1438	9.2401
#2	-.01863	163.21	7.4093	.13078	.29867	9.1326	9.2689

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	10.271	11.342	4.3363	-.02453	.10130	.45293
SDev	.00003	.035	.025	.0080	.00122	.00120	.00044
%RSD	4.8562	.34335	.21964	.18438	4.9722	1.1852	.09788
#1	-.00071	10.296	11.359	4.3420	-.02366	.10215	.45324
#2	-.00067	10.246	11.324	4.3307	-.02539	.10045	.45261

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28723	7.6884	.54938	.58258	-.00606	-.02271
SDev	.00022	.0039	.00238	.00010	.00550	.00037
%RSD	.07754	.05042	.43252	.01721	90.661	1.6125
#1	.28738	7.6912	.55106	.58265	-.00218	-.02245
#2	.28707	7.6857	.54770	.58251	-.00995	-.02297

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23210	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1797432	--	--	--	--	--	--
#1	23181	--	--	--	--	--	--
#2	23240	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48366-a-4-a Operator: SRP
Run Time: 01/11/12 08:20:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.571	.01079	.11578	1.3047	.00365	.02316	.03729
SDev	.145	.00368	.00042	.0024	.00000	.00011	.00027
%RSD	.18463	34.146	.36417	.18441	.05193	.46934	.71869
#1	78.673	.00818	.11548	1.3064	.00365	.02308	.03748
#2	78.468	.01339	.11608	1.3030	.00365	.02324	.03710

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1423.4	.63046	.05949	2.1905	345.65	.05017	.43253
SDev	1.5	.00145	.00036	.0031	.19	.00015	.00021
%RSD	.10627	.23069	.60728	.14335	.05609	.29684	.04775
#1	1422.3	.62943	.05975	2.1927	345.51	.05028	.43238
#2	1424.5	.63149	.05924	2.1883	345.79	.05006	.43267

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01447	113.14	4.5070	.14162	.23500	9.5027	7.9690
SDev	.00220	.02	.0023	.00098	.00061	.0334	.0110
%RSD	15.227	.01703	.05168	.68892	.26017	.35149	.13773
#1	-.01291	113.13	4.5054	.14093	.23543	9.5263	7.9767
#2	-.01603	113.16	4.5087	.14231	.23457	9.4791	7.9612

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	8.3722	9.0954	2.8384	-.02827	.09915	.41581
SDev	.00012	.0371	.0285	.0032	.00395	.00090	.00006

%RSD	7.8413	.44329	.31348	.11164	13.986	.90409	.01447
#1	-.00149	8.3985	9.1156	2.8406	-.02548	.09852	.41586
#2	-.00166	8.3460	9.0753	2.8362	-.03107	.09979	.41577

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20980	6.6951	.41011	.44373	-.00751	-.01795
SDev	.00023	.0036	.00004	.00029	.00243	.00209
%RSD	.11220	.05420	.00994	.06522	32.404	11.634
#1	.20963	6.6925	.41008	.44353	-.00579	-.01647
#2	.20997	6.6977	.41014	.44394	-.00923	-.01943

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23302	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0273114	--	--	--	--	--	--
#1	23297	--	--	--	--	--	--
#2	23306	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-b-1-a Operator: SRP
Run Time: 01/11/12 08:24:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	234.48	.00165	.12224	4.5888	.01446	.03164	.00988
SDev	.83	.00075	.00201	.0134	.00005	.00031	.00009
%RSD	.35461	45.318	1.6457	.29214	.37388	.97180	.88879
#1	233.89	.00112	.12081	4.5793	.01442	.03143	.00981
#2	235.07	.00218	.12366	4.5983	.01450	.03186	.00994

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	753.84	.20283	.20466	.33203	184.68	.13622	.25504
SDev	2.33	.00043	.00038	.00098	.69	.00037	.00187
%RSD	.30887	.21005	.18328	.29578	.37437	.27355	.73184
#1	752.19	.20253	.20439	.33133	184.19	.13596	.25372
#2	755.49	.20314	.20492	.33272	185.17	.13649	.25636

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02358	32.149	33.498	.00057	.45668	24.186	6.8559
SDev	.00647	.104	.097	.00026	.00096	.061	.0157
%RSD	27.416	.32305	.29105	45.545	.21061	.25318	.22866
#1	-.02815	32.075	33.429	.00038	.45600	24.142	6.8448
#2	-.01901	32.222	33.567	.00075	.45736	24.229	6.8670

Analysis Report 01/11/12 08:28:30 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00187	2.2619	2.4288	1.8523	-.02880	.02653	.19150
SDev	.00017	.0830	.0045	.0058	.00148	.00261	.00062
%RSD	8.9427	3.6703	.18537	.31528	5.1328	9.8448	.32521
#1	-.00176	2.3206	2.4256	1.8482	-.02984	.02838	.19106
#2	-.00199	2.2032	2.4320	1.8564	-.02775	.02468	.19194

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61969	.52581	.20228	.28141	-.02570	-.02252
SDev	.00229	.00153	.00224	.00392	.00201	.00869
%RSD	.37006	.29077	1.1048	1.3920	7.8103	38.601
#1	.61807	.52473	.20386	.27864	-.02712	-.02867
#2	.62131	.52689	.20070	.28418	-.02428	-.01638

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30668	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1037540	--	--	--	--	--	--
#1	30691	--	--	--	--	--	--
#2	30646	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-b-2-b Operator: SRP
Run Time: 01/11/12 08:28:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	268.01	.00243	.09460	2.7097	.01569	.03885	.00841
SDev	.01	.00106	.00043	.0018	.00002	.00040	.00007
%RSD	.00520	43.840	.45355	.06671	.14714	1.0268	.85502
#1	268.00	.00167	.09429	2.7110	.01571	.03913	.00836
#2	268.02	.00318	.09490	2.7084	.01568	.03857	.00847

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	644.18	.22927	.13774	.19891	197.18	.14763	.21490
SDev	1.03	.00034	.00040	.00011	.19	.00019	.00058
%RSD	.16047	.14965	.28692	.05472	.09415	.13194	.26798
#1	644.91	.22952	.13802	.19899	197.31	.14777	.21530
#2	643.45	.22903	.13746	.19883	197.05	.14749	.21449

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01613	37.149	13.601	.00012	.27149	30.096	8.5595
SDev	.00243	.028	.013	.00110	.00050	.031	.0083
%RSD	15.072	.07426	.09439	947.39	.18390	.10329	.09703

#1	-.01785	37.169	13.610	-.00066	.27114	30.118	8.5654

#2	-.01441	37.130	13.592	.00089	.27185	30.074	8.5536

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00183	.96782	1.0601	1.6741	-.01997	.02908	.18185
SDev	.00017	.02742	.0003	.0011	.00101	.00019	.00017
%RSD	9.1851	2.8335	.03276	.06760	5.0585	.64947	.09219
#1	-.00194	.98722	1.0604	1.6749	-.02069	.02921	.18197
#2	-.00171	.94843	1.0599	1.6733	-.01926	.02894	.18173

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59063	.57954	.15552	.24458	-.01128	-.01856
SDev	.00029	.00099	.00201	.00014	.00442	.00144
%RSD	.04979	.17140	1.2927	.05781	39.185	7.7440
#1	.59084	.58025	.15695	.24448	-.01440	-.01957
#2	.59043	.57884	.15410	.24468	-.00815	-.01754

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31232	--	--	--	--	--	--
SDev	75.66042	--	--	--	--	--	--
%RSD	.2422490	--	--	--	--	--	--
#1	31179	--	--	--	--	--	--
#2	31286	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-c-3-b Operator: SRP
Run Time: 01/11/12 08:32:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	179.34	.00156	.09596	1.7157	.00944	4.4761	.00944
SDev	.19	.00046	.00022	.0002	.00003	.0118	.00012
%RSD	.10345	29.417	.22737	.01123	.28889	.26445	1.3123
#1	179.21	.00124	.09581	1.7159	.00942	4.4677	.00935
#2	179.47	.00188	.09612	1.7156	.00946	4.4845	.00952

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1511.2	.19421	.10265	.79812	142.71	.12489	.14196
SDev	.4	.00020	.00001	.00023	.09	.00006	.00007
%RSD	.02449	.10255	.01062	.02830	.06037	.04639	.04741
#1	1510.9	.19407	.10264	.79828	142.64	.12485	.14191
#2	1511.4	.19435	.10265	.79796	142.77	.12493	.14201

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01166	28.449	10.709	.00641	.20963	24.247	11.053
SDev	.00005	.016	.007	.00041	.00004	.002	.016
%RSD	.41051	.05717	.06134	6.3731	.01837	.00730	.14700

#1	-.01169	28.437	10.705	.00670	.20960	24.245	11.042
#2	-.01163	28.460	10.714	.00612	.20966	24.248	11.065

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	10.508	11.925	5.5753	-.01443	.03541	.38610
SDev	.00000	.114	.008	.0005	.00311	.00079	.00044
%RSD	.24579	1.0833	.06896	.00914	21.554	2.2304	.11490
#1	-.00145	10.589	11.919	5.5757	-.01223	.03485	.38579
#2	-.00145	10.428	11.931	5.5750	-.01663	.03597	.38641

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44135	.73649	.10233	.16177	-.00299	-.01600
SDev	.00021	.00063	.00055	.00017	.00315	.00165
%RSD	.04760	.08551	.53390	.10646	105.41	10.288
#1	.44120	.73605	.10194	.16190	-.00076	-.01716
#2	.44150	.73694	.10271	.16165	-.00521	-.01483

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27026	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1726820	--	--	--	--	--	--
#1	26993	--	--	--	--	--	--
#2	27059	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-b-4-b Operator: SRP
Run Time: 01/11/12 08:36:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	229.91	.00490	.12184	2.3063	.01378	.36841	.00781
SDev	.17	.00087	.00180	.0055	.00001	.00149	.00007
%RSD	.07280	17.805	1.4806	.23888	.07586	.40530	.87827
#1	229.79	.00428	.12056	2.3024	.01378	.36946	.00786
#2	230.03	.00552	.12311	2.3102	.01379	.36735	.00777

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	694.69	.20443	.12697	.56440	177.66	.12305	.22145
SDev	1.67	.00085	.00059	.00152	.54	.00014	.00288
%RSD	.24095	.41640	.46624	.26890	.30451	.11418	1.3020

#1	693.50	.20383	.12655	.56333	177.28	.12295	.21941
#2	695.87	.20503	.12739	.56547	178.04	.12315	.22349

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01168	32.778	12.735	.00082	.24201	28.715	9.2299
SDev	.00005	.109	.039	.00017	.00111	.044	.0147
%RSD	.42340	.33160	.30847	20.327	.46019	.15440	.15932
#1	-.01171	32.701	12.707	.00094	.24122	28.684	9.2195
#2	-.01164	32.854	12.763	.00070	.24280	28.747	9.2403

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00167	4.2585	4.6021	2.2708	-.02041	.03618	.18057
SDev	.00007	.0131	.0002	.0061	.00580	.00122	.00023
%RSD	4.0441	.30807	.00404	.26653	28.399	3.3855	.12942
#1	-.00172	4.2677	4.6022	2.2665	-.01631	.03705	.18041
#2	-.00162	4.2492	4.6020	2.2751	-.02451	.03532	.18074

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53526	.68752	.17129	.24653	-.00735	-.01384
SDev	.00159	.00215	.00176	.00521	.00725	.00370
%RSD	.29711	.31302	1.0289	2.1117	98.566	26.718
#1	.53414	.68600	.17254	.24284	-.00223	-.01646
#2	.53639	.68904	.17005	.25021	-.01248	-.01123

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29717	--	--	--	--	--	--
SDev	67.88225	--	--	--	--	--	--
%RSD	.2284290	--	--	--	--	--	--
#1	29765	--	--	--	--	--	--
#2	29669	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/11/12 08:40:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4138	.47528	.47892	.47969	.48766	.48173	.47929
SDev	.0002	.00146	.00222	.00064	.00097	.00030	.00101
%RSD	.00910	.30665	.46459	.13268	.19933	.06153	.21091
#1	2.4140	.47631	.48049	.47924	.48835	.48152	.48000
#2	2.4137	.47425	.47734	.48014	.48698	.48194	.47857

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.991	.47665	.48041	.48479	2.4380	.45075	.47782
SDev	.053	.00115	.00087	.00013	.0175	.00100	.00114
%RSD	.44437	.24077	.18060	.02736	.71959	.22211	.23812
#1	12.028	.47746	.48103	.48488	2.4504	.45004	.47862
#2	11.953	.47584	.47980	.48469	2.4256	.45146	.47701

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48589	4.8074	.47249	.48630	.47972	11.545	.91948
SDev	.00271	.0062	.00115	.00018	.00186	.028	.00785
%RSD	.55759	.12953	.24330	.03786	.38842	.24144	.85384
#1	.48398	4.8118	.47330	.48617	.48104	11.526	.92503
#2	.48781	4.8030	.47168	.48643	.47840	11.565	.91393

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23799	11.978	11.390	.23790	.48381	.48919	.48477
SDev	.00006	.030	.036	.00027	.00379	.00454	.00022
%RSD	.02744	.24775	.31302	.11507	.78415	.92812	.04507
#1	.23794	11.999	11.365	.23770	.48650	.49240	.48493
#2	.23803	11.957	11.415	.23809	.48113	.48598	.48462

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48302	.48610	.47516	.47914	.48685	.48547
SDev	.00116	.00077	.00117	.00229	.00610	.00101
%RSD	.23963	.15758	.24644	.47840	1.2533	.20864
#1	.48384	.48664	.47434	.48076	.48253	.48475
#2	.48221	.48556	.47599	.47752	.49116	.48619

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25518	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0083129	--	--	--	--	--	--
#1	25517	--	--	--	--	--	--
#2	25520	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/11/12 08:43:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02052	.00253	-.00112	.00030	.00031	.00365	.00040
SDev	.00038	.00170	.00071	.00009	.00006	.00082	.00007

%RSD	1.8709	66.994	63.772	30.335	21.079	22.424	16.464
#1	.02025	.00133	-.00061	.00023	.00026	.00422	.00036
#2	.02079	.00373	-.00162	.00036	.00035	.00307	.00045

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02442	.00044	.00060	.00067	.02935	-.00027	-.00030
SDev	.00196	.00005	.00036	.00003	.01144	.00005	.00036
%RSD	8.0414	10.809	59.295	4.8100	38.966	19.194	122.29

#1	.02304	.00040	.00035	.00069	.02126	-.00031	-.00004
#2	.02581	.00047	.00085	.00064	.03743	-.00023	-.00055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	-.00323	.00036	.00135	.00105	-.10881	.00948
SDev	.00212	.00148	.00011	.00008	.00035	.00796	.00044
%RSD	204.59	45.905	29.757	6.2023	33.897	7.3190	4.6785

#1	.00253	-.00218	.00028	.00129	.00079	-.10318	.00916
#2	-.00046	-.00428	.00043	.00141	.00130	-.11444	.00979

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.09287	-.00218	.00016	.00404	.00037	.00041
SDev	.00020	.04172	.00223	.00003	.00159	.00016	.00005
%RSD	33.695	44.930	102.69	21.105	39.458	43.926	10.867

#1	.00045	.06336	-.00376	.00013	.00516	.00048	.00038
#2	.00073	.12237	-.00060	.00018	.00291	.00025	.00044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00023	.00082	-.00085	.00694	-.00192
SDev	.00009	.00021	.00233	.00171	.00067	.00351
%RSD	22.832	93.515	284.57	200.14	9.5827	183.15

#1	.00032	.00008	-.00083	.00035	.00647	.00057
#2	.00044	.00038	.00247	-.00206	.00741	-.00440

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25434	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0361428	--	--	--	--	--	--

#1	25427	--	--	--	--	--	--
#2	25440	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-c-5-b Operator: SRP
Run Time: 01/11/12 08:47:48
Comment: TRACE 61E

Analysis Report 01/11/12 08:51:36 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.614	.00340	.09080	.51241	.00493	.07517	.00970
SDev	.064	.00017	.00221	.00054	.00000	.00030	.00006
%RSD	.07509	5.0069	2.4389	.10536	.08591	.39492	.63548

#1	85.659	.00352	.09237	.51279	.00493	.07538	.00975
#2	85.568	.00328	.08923	.51203	.00493	.07496	.00966

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1926.9	.06869	.04496	.13406	127.12	.14896	.11350
SDev	2.2	.00019	.00062	.00013	.05	.00020	.00127
%RSD	.11312	.27468	1.3748	.09560	.03606	.13664	1.1179
#1	1925.4	.06856	.04540	.13397	127.15	.14911	.11260
#2	1928.4	.06882	.04453	.13415	127.09	.14882	.11439

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01449	30.185	5.9404	.00141	.23466	18.730	10.832
SDev	.00197	.005	.0020	.00042	.00049	.004	.007
%RSD	13.626	.01621	.03354	30.004	.20952	.02338	.06854
#1	-.01588	30.188	5.9390	.00111	.23500	18.727	10.827
#2	-.01309	30.181	5.9418	.00171	.23431	18.733	10.838

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00187	7.1662	8.1372	13.509	-.00701	.03062	.16892
SDev	.00059	.1863	.0022	.017	.00048	.00098	.00025
%RSD	31.721	2.5995	.02750	.12546	6.9078	3.1901	.14555
#1	-.00145	7.2979	8.1356	13.521	-.00736	.03131	.16875
#2	-.00229	7.0344	8.1387	13.497	-.00667	.02993	.16910

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21860	.73523	.08867	.12591	-.00178	-.02084
SDev	.00018	.00042	.00014	.00197	.00346	.00123
%RSD	.08403	.05776	.16047	1.5680	194.33	5.9147
#1	.21847	.73553	.08877	.12452	-.00422	-.02171
#2	.21873	.73493	.08857	.12731	.00067	-.01997

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25186	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.3172456	--	--	--	--	--	--
#1	25130	--	--	--	--	--	--
#2	25243	--	--	--	--	--	--

Analysis Report 01/11/12 08:51:36 AM page 15

Method: 20076010 Sample Name: 600-48442-b-6-b Operator: SRP
Run Time: 01/11/12 08:51:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	171.35	.00213	.09869	1.4108	.00832	.05277	.00970
SDev	.19	.00101	.00027	.0001	.00005	.00026	.00031
%RSD	.11308	47.454	.27253	.00944	.56671	.49354	3.2059
#1	171.21	.00285	.09888	1.4107	.00835	.05259	.00992
#2	171.49	.00142	.09850	1.4109	.00828	.05296	.00948

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1652.7	.13052	.09373	.13947	133.11	.15219	.14567
SDev	4.2	.00066	.00009	.00026	.17	.00031	.00058
%RSD	.25345	.50310	.09847	.18675	.13111	.20370	.39958
#1	1655.7	.13098	.09379	.13929	133.24	.15197	.14608
#2	1649.7	.13005	.09366	.13966	132.99	.15241	.14526

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01592	32.590	10.658	-.00002	.22723	24.290	9.6729
SDev	.00041	.048	.017	.00043	.00001	.047	.0004
%RSD	2.5623	.14742	.15779	2459.6	.00484	.19316	.00399
#1	-.01563	32.624	10.670	.00029	.22722	24.257	9.6726
#2	-.01621	32.556	10.647	-.00032	.22723	24.323	9.6732

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00190	6.0196	6.8100	9.0784	-.01056	.03125	.15750
SDev	.00029	.0476	.0138	.0072	.00176	.00164	.00031
%RSD	15.479	.78994	.20288	.07950	16.681	5.2506	.19406
#1	-.00169	6.0532	6.8002	9.0733	-.00931	.03241	.15772
#2	-.00211	5.9860	6.8198	9.0835	-.01180	.03009	.15729

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32838	.60224	.10363	.16669	-.00906	-.01935
SDev	.00055	.00176	.00003	.00086	.00094	.00108
%RSD	.16673	.29172	.02375	.51641	10.419	5.6019
#1	.32876	.60348	.10364	.16730	-.00973	-.01859
#2	.32799	.60100	.10361	.16609	-.00840	-.02012

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26680	--	--	--	--	--	--

SDev	37.47666	--	--	--	--	--	--
%RSD	.1404699	--	--	--	--	--	--
#1	26653	--	--	--	--	--	--
#2	26706	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-b-7-a Operator: SRP
Run Time: 01/11/12 08:55:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	123.19	.00206	.08704	1.2550	.00731	.13344	.01045
SDev	.22	.00086	.00358	.0028	.00002	.00083	.00024
%RSD	.17938	41.523	4.1120	.22604	.22680	.62047	2.3291

#1	123.34	.00146	.08451	1.2570	.00732	.13286	.01063
#2	123.03	.00267	.08957	1.2530	.00730	.13403	.01028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1914.0	.12117	.08061	.15107	163.28	.09910	.09160
SDev	6.2	.00007	.00051	.00032	.36	.00014	.00030
%RSD	.32519	.05776	.63007	.21484	.21909	.14376	.32304
#1	1918.4	.12122	.08097	.15130	163.53	.09920	.09180
#2	1909.6	.12112	.08025	.15084	163.02	.09900	.09139

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01667	30.093	10.534	.00887	.18674	18.279	12.644
SDev	.00312	.079	.019	.00061	.00007	.006	.006
%RSD	18.722	.26192	.17898	6.9069	.03938	.03323	.05031
#1	-.01446	30.149	10.547	.00931	.18669	18.283	12.639
#2	-.01888	30.037	10.520	.00844	.18679	18.275	12.648

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00191	7.3872	8.6951	11.627	-.01149	.03013	.36870
SDev	.00019	.1642	.0060	.010	.00038	.00042	.00069
%RSD	10.003	2.2233	.06882	.08984	3.3085	1.4122	.18851
#1	-.00178	7.5033	8.6994	11.635	-.01176	.03043	.36919
#2	-.00205	7.2711	8.6909	11.620	-.01122	.02983	.36821

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32998	.46856	.05861	.10809	-.00811	-.02095
SDev	.00092	.00082	.00015	.00037	.00208	.00364
%RSD	.27773	.17477	.24738	.34355	25.577	17.395
#1	.33062	.46914	.05872	.10835	-.00665	-.01837
#2	.32933	.46798	.05851	.10782	-.00958	-.02353

Analysis Report 01/11/12 08:59:19 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24950	--	--	--	--	--	--
SDev	108.8945	--	--	--	--	--	--
%RSD	.4364507	--	--	--	--	--	--
#1	24873	--	--	--	--	--	--
#2	25027	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-b-8-b Operator: SRP
Run Time: 01/11/12 08:59:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	167.29	.00186	.07890	1.1881	.00712	.03935	.00897
SDev	1.78	.00084	.00343	.0150	.00004	.00091	.00020
%RSD	1.0667	45.226	4.3459	1.2627	.53110	2.3029	2.2554
#1	168.55	.00127	.08132	1.1987	.00714	.03999	.00911
#2	166.03	.00246	.07647	1.1774	.00709	.03871	.00882

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1810.1	.13671	.09449	.08771	118.61	.13556	.10226
SDev	18.4	.00127	.00126	.00088	1.31	.00163	.00343
%RSD	1.0154	.92547	1.3292	.99864	1.1050	1.1994	3.3519
#1	1823.1	.13761	.09538	.08833	119.54	.13671	.10468
#2	1797.1	.13582	.09360	.08709	117.68	.13441	.09984

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01535	25.948	7.3738	-.00004	.18023	22.633	11.306
SDev	.00042	.295	.0809	.00019	.00199	.266	.139
%RSD	2.7306	1.1370	1.0969	491.63	1.1041	1.1754	1.2326
#1	-.01505	26.156	7.4310	-.00018	.18164	22.821	11.404
#2	-.01565	25.739	7.3166	.00010	.17883	22.445	11.207

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00164	3.0859	3.5283	6.8482	-.00828	.02757	.20392
SDev	.00003	.0357	.0431	.0779	.00094	.00419	.00272
%RSD	1.5602	1.1553	1.2217	1.1372	11.357	15.214	1.3339
#1	-.00166	3.1111	3.5588	6.9033	-.00895	.03053	.20584
#2	-.00163	3.0606	3.4978	6.7932	-.00762	.02460	.20200

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36892	.38318	.06073	.12303	-.00363	-.02121
SDev	.00447	.00421	.00250	.00389	.00473	.00174
%RSD	1.2104	1.0999	4.1223	3.1617	130.23	8.1892

#1	.37208	.38616	.06250	.12578	-.00029	-.02244
#2	.36576	.38020	.05896	.12028	-.00698	-.01998

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25922	--	--	--	--	--	--
SDev	284.2569	--	--	--	--	--	--
%RSD	1.096586	--	--	--	--	--	--
#1	25721	--	--	--	--	--	--
#2	26123	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-c-9-b Operator: SRP
Run Time: 01/11/12 09:03:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	175.55	.00279	.08384	1.1700	.00833	.04859	.00926
SDev	.07	.00209	.00136	.0010	.00001	.00051	.00002
%RSD	.04074	75.103	1.6226	.08720	.14038	1.0475	.26057
#1	175.50	.00427	.08288	1.1707	.00833	.04895	.00924
#2	175.60	.00131	.08480	1.1693	.00834	.04823	.00928

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1727.2	.16136	.08814	.11024	141.20	.12983	.11489
SDev	2.1	.00020	.00031	.00025	.04	.00003	.00048
%RSD	.12244	.12339	.35489	.23013	.02995	.02605	.42104
#1	1725.7	.16150	.08792	.11042	141.23	.12986	.11524
#2	1728.7	.16122	.08836	.11006	141.18	.12981	.11455

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01414	29.823	10.419	.00375	.22052	24.211	11.168
SDev	.00008	.000	.005	.00017	.00052	.003	.002
%RSD	.55834	.00084	.04434	4.4730	.23487	.01052	.01738
#1	-.01409	29.822	10.422	.00387	.22016	24.209	11.166
#2	-.01420	29.823	10.416	.00363	.22089	24.213	11.169

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	3.4724	3.9507	7.1819	-.01333	.02917	.21921
SDev	.00013	.1336	.0003	.0032	.00124	.00033	.00012
%RSD	9.2911	3.8484	.00690	.04422	9.2686	1.1382	.05513
#1	-.00135	3.5669	3.9509	7.1841	-.01245	.02893	.21929
#2	-.00154	3.3779	3.9505	7.1797	-.01420	.02940	.21912

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46054	.43271	.07396	.13536	-.00674	-.01785
SDev	.00049	.00010	.00146	.00146	.00058	.00041
%RSD	.10569	.02381	1.9772	1.0763	8.5737	2.2823
#1	.46089	.43278	.07293	.13639	-.00715	-.01756
#2	.46020	.43264	.07500	.13433	-.00633	-.01813

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26333	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.1235215	--	--	--	--	--	--
#1	26310	--	--	--	--	--	--
#2	26356	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-b-10-b Operator: SRP
Run Time: 01/11/12 09:07:05
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	198.23	.00341	.08038	1.8914	.00895	.05649	.01019
SDev	.02	.00081	.00062	.0019	.00000	.00028	.00023
%RSD	.01075	23.720	.77448	.10074	.00159	.48911	2.2547
#1	198.25	.00399	.07994	1.8928	.00895	.05630	.01003
#2	198.22	.00284	.08082	1.8901	.00895	.05669	.01035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1690.0	.18052	.16499	.12150	145.32	.15004	.13026
SDev	1.3	.00021	.00028	.00031	.03	.00010	.00087
%RSD	.07647	.11425	.16713	.25584	.01846	.06754	.67009
#1	1689.0	.18037	.16480	.12172	145.30	.15011	.13087
#2	1690.9	.18067	.16519	.12128	145.34	.14997	.12964

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01487	32.015	16.922	.00338	.28234	27.681	12.494
SDev	.00254	.007	.006	.00093	.00007	.006	.005
%RSD	17.060	.02095	.03425	27.554	.02429	.02118	.03982
#1	-.01667	32.020	16.918	.00403	.28239	27.677	12.491
#2	-.01308	32.011	16.926	.00272	.28229	27.685	12.498

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00162	3.3640	3.8338	7.1369	-.01695	.02887	.29676
SDev	.00036	.0801	.0009	.0055	.00436	.00111	.00022
%RSD	21.956	2.3814	.02338	.07718	25.752	3.8267	.07580

#1	-.00137	3.4206	3.8344	7.1330	-.02003	.02809	.29660
#2	-.00187	3.3073	3.8332	7.1408	-.01386	.02966	.29692

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53778	.42167	.08378	.15349	-.00887	-.01788
SDev	.00007	.00022	.00145	.00059	.00300	.00531
%RSD	.01267	.05217	1.7258	.38199	33.893	29.696
#1	.53783	.42152	.08480	.15391	-.00674	-.02163
#2	.53773	.42183	.08276	.15308	-.01099	-.01412

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26266	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.0888376	--	--	--	--	--	--
#1	26250	--	--	--	--	--	--
#2	26283	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-c-11-b Operator: SRP

Run Time: 01/11/12 09:10:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	125.82	.00619	.14795	1.0250	.00641	.05510	.00897
SDev	.21	.00392	.00273	.0001	.00002	.00029	.00003
%RSD	.16480	63.239	1.8449	.00905	.26684	.52932	.28178
#1	125.68	.00342	.14988	1.0249	.00640	.05531	.00895
#2	125.97	.00896	.14602	1.0250	.00642	.05489	.00899

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1926.2	.13074	.08069	.18206	138.81	.09346	.12462
SDev	9.2	.00046	.00006	.00009	.42	.00001	.00012
%RSD	.47901	.35362	.07330	.05168	.29944	.00903	.09566
#1	1919.7	.13041	.08064	.18213	138.51	.09345	.12471
#2	1932.7	.13106	.08073	.18200	139.10	.09346	.12454

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01252	30.460	11.213	.00551	.21046	19.963	12.478
SDev	.00009	.078	.033	.00024	.00003	.001	.047
%RSD	.71187	.25669	.29839	4.2801	.01269	.00576	.37295
#1	-.01246	30.404	11.189	.00535	.21048	19.962	12.445
#2	-.01258	30.515	11.237	.00568	.21044	19.964	12.511

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00168	5.0314	5.8538	9.8709	-.01127	.02924	.46023
SDev	.00006	.0196	.0012	.0101	.00153	.00228	.00140
%RSD	3.3730	.38996	.02013	.10198	13.572	7.7956	.30518
#1	-.00172	5.0453	5.8546	9.8638	-.01019	.03085	.45923
#2	-.00164	5.0175	5.8530	9.8780	-.01236	.02763	.46122

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37908	.70095	.09405	.13991	-.00658	-.01549
SDev	.00144	.00196	.00223	.00094	.00315	.00144
%RSD	.37989	.27896	2.3755	.67060	47.901	9.3136
#1	.37806	.69957	.09563	.13924	-.00435	-.01651
#2	.38010	.70234	.09247	.14057	-.00881	-.01447

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24712	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0743961	--	--	--	--	--	--
#1	24725	--	--	--	--	--	--
#2	24699	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-c-11-c du Operator: SRP
Run Time: 01/11/12 09:14:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	114.96	.00273	.14063	.96631	.00617	.05272	.00907
SDev	.05	.00080	.00260	.00005	.00001	.00072	.00005
%RSD	.04729	29.309	1.8473	.00553	.19989	1.3603	.57450
#1	114.92	.00216	.14247	.96627	.00616	.05222	.00911
#2	115.00	.00330	.13880	.96634	.00618	.05323	.00903

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1896.1	.12214	.08161	.16216	142.73	.08550	.12352
SDev	4.5	.00007	.00011	.00042	.33	.00007	.00014
%RSD	.23537	.06018	.12906	.25795	.22895	.07882	.11112
#1	1893.0	.12209	.08153	.16245	142.50	.08545	.12343
#2	1899.3	.12219	.08168	.16186	142.97	.08555	.12362

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01342	29.041	11.061	.00604	.21082	18.687	12.373
SDev	.00058	.043	.024	.00020	.00059	.007	.023
%RSD	4.3343	.14962	.21749	3.2874	.28178	.03762	.18556
#1	-.01300	29.011	11.044	.00618	.21040	18.682	12.357

#2	-.01383	29.072	11.078	.00590	.21124	18.692	12.390

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	4.9440	5.6716	9.9529	-.01189	.03096	.38688
SDev	.00003	.0756	.0014	.0129	.00430	.00164	.00028
%RSD	1.7421	1.5284	.02526	.12965	36.189	5.2858	.07363
#1	-.00159	4.9974	5.6706	9.9438	-.01493	.03211	.38667
#2	-.00156	4.8905	5.6726	9.9620	-.00885	.02980	.38708

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37120	.73271	.09299	.13879	-.00223	-.01901
SDev	.00038	.00071	.00120	.00040	.00189	.00181
%RSD	.10369	.09734	1.2962	.28586	84.394	9.5492
#1	.37092	.73221	.09213	.13907	-.00357	-.01772
#2	.37147	.73322	.09384	.13851	-.00090	-.02029

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24668	--	--	--	--	--	--
SDev	19.79899	--	--	--	--	--	--
%RSD	.0802618	--	--	--	--	--	--

#1	24682	--	--	--	--	--	--
#2	24654	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-b-11-c ms Operator: SRP
Run Time: 01/11/12 09:18:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	146.25	.35849	.94119	1.7112	.36549	.78499	.35170
SDev	.12	.00294	.00536	.0021	.00011	.00171	.00030
%RSD	.07886	.81875	.56949	.12204	.03101	.21791	.08670
#1	146.33	.35642	.93740	1.7127	.36541	.78378	.35191
#2	146.17	.36057	.94498	1.7097	.36557	.78620	.35148

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1857.6	.85015	.77568	1.0251	152.07	.64428	.82997
SDev	.4	.00055	.00018	.0004	.02	.00070	.00314
%RSD	.02055	.06450	.02304	.04014	.01635	.10900	.37890
#1	1857.8	.84976	.77580	1.0254	152.05	.64478	.83220
#2	1857.3	.85053	.77555	1.0248	152.09	.64378	.82775

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76067	37.879	10.778	.71324	.88994	32.949	15.079

SDev	.00152	.004	.002	.00407	.00012	.034	.025
%RSD	.20032	.01128	.01558	.57112	.01302	.10386	.16902
#1	.75959	37.876	10.777	.71036	.89002	32.973	15.061
#2	.76175	37.882	10.780	.71612	.88986	32.925	15.097

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42657	15.366	18.299	9.4865	.71293	.75484	.94581
SDev	.00016	.105	.021	.0041	.00646	.00133	.00025
%RSD	.03699	.68267	.11656	.04323	.90642	.17600	.02679
#1	.42668	15.441	18.314	9.4894	.70837	.75578	.94599
#2	.42646	15.292	18.283	9.4836	.71750	.75390	.94563

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1231	1.4318	.78470	.85261	.76431	.75885
SDev	.0004	.0000	.00423	.00260	.00203	.00127
%RSD	.03884	.00281	.53895	.30525	.26558	.16745
#1	1.1228	1.4317	.78769	.85445	.76287	.75795
#2	1.1234	1.4318	.78171	.85077	.76574	.75975

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24202	--	--	--	--	--	--

SDev	44.54773	--	--	--	--	--	--
%RSD	.1840701	--	--	--	--	--	--
#1	24170	--	--	--	--	--	--
#2	24233	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48442-b-11-d msd Operator: SRP
Run Time: 01/11/12 09:22:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	140.07	.35338	.91201	1.7199	.35581	.77934	.34370
SDev	.08	.00050	.00201	.0032	.00078	.00205	.00080
%RSD	.05545	.14102	.22036	.18768	.21931	.26317	.23216
#1	140.13	.35303	.91059	1.7222	.35636	.78079	.34426
#2	140.02	.35373	.91343	1.7176	.35526	.77789	.34314

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1842.4	.80600	.75636	.98914	138.51	.62309	.79813
SDev	3.8	.00127	.00272	.00113	.31	.00061	.00257
%RSD	.20449	.15792	.35957	.11458	.22632	.09830	.32215
#1	1845.0	.80690	.75828	.98994	138.73	.62353	.79995

#2	1839.7	.80510	.75444	.98833	138.29	.62266	.79631

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74142	37.090	10.776	.69524	.85688	31.751	20.521
SDev	.00194	.059	.019	.00134	.00082	.021	.029
%RSD	.26142	.15939	.17327	.19234	.09530	.06471	.13900
#1	.74005	37.132	10.789	.69618	.85746	31.736	20.501
#2	.74279	37.048	10.763	.69429	.85630	31.766	20.541

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41048	14.917	17.680	9.1193	.70495	.73131	.97306
SDev	.00083	.068	.008	.0127	.00397	.00094	.00141
%RSD	.20252	.45543	.04399	.13874	.56321	.12880	.14481
#1	.41107	14.869	17.674	9.1283	.70775	.73064	.97406
#2	.40989	14.965	17.685	9.1104	.70214	.73197	.97207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0759	1.5613	.75792	.81824	.74671	.73877
SDev	.0011	.0036	.00706	.00033	.00381	.00481
%RSD	.10480	.23129	.93173	.03984	.50972	.65114
#1	1.0766	1.5639	.76291	.81847	.74940	.73537
#2	1.0751	1.5588	.75292	.81801	.74402	.74217

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24443	--	--	--	--	--	--
SDev	70.71068	--	--	--	--	--	--
%RSD	.2892880	--	--	--	--	--	--
#1	24393	--	--	--	--	--	--
#2	24493	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/11/12 09:26:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4539	.48178	.48298	.48747	.48984	.48451	.48165
SDev	.0053	.00198	.00136	.00067	.00084	.00152	.00127
%RSD	.21682	.41117	.28074	.13716	.17096	.31324	.26259
#1	2.4576	.48318	.48393	.48700	.49043	.48559	.48254
#2	2.4501	.48038	.48202	.48795	.48925	.48344	.48075

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.205	.47988	.48217	.49312	2.4558	.46248	.48067
SDev	.107	.00178	.00026	.00033	.0196	.00092	.00077
%RSD	.87316	.37109	.05371	.06746	.79645	.19873	.15927
#1	12.281	.48114	.48199	.49336	2.4420	.46183	.48121
#2	12.130	.47862	.48235	.49289	2.4696	.46313	.48012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49152	4.8304	.47578	.49056	.48416	11.884	.99986
SDev	.00058	.0058	.00076	.00037	.00121	.019	.03951
%RSD	.11847	.12091	.16072	.07532	.24982	.16364	3.9513
#1	.49111	4.8345	.47632	.49082	.48501	11.870	1.0278
#2	.49193	4.8262	.47524	.49029	.48330	11.897	.97192

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24120	12.256	11.723	.24117	.49719	.49061	.49249
SDev	.00015	.069	.029	.00020	.00379	.00267	.00043
%RSD	.06313	.55909	.25109	.08409	.76279	.54349	.08646
#1	.24109	12.208	11.702	.24102	.49451	.49249	.49279
#2	.24131	12.305	11.743	.24131	.49987	.48872	.49219

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48791	.48980	.47749	.48225	.48795	.49336
SDev	.00115	.00082	.00353	.00291	.00580	.00203
%RSD	.23654	.16754	.73976	.60434	1.1887	.41083
#1	.48873	.49038	.47499	.48431	.48385	.49479
#2	.48710	.48922	.47999	.48019	.49205	.49192

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25176	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0870700	--	--	--	--	--	--
#1	25191	--	--	--	--	--	--
#2	25160	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/11/12 09:30:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02703	.00429	-.00040	.00044	.00036	.00313	.00065
SDev	.00112	.00033	.00023	.00001	.00001	.00020	.00015
%RSD	4.1258	7.6819	55.843	2.1925	3.5003	6.4380	22.877

#1	.02624	.00406	-.00024	.00043	.00037	.00299	.00076
#2	.02782	.00453	-.00056	.00045	.00035	.00327	.00055

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03324	.00086	.00034	.00054	.02781	-.00018	.00002
SDev	.00136	.00012	.00016	.00000	.00388	.00001	.00027
%RSD	4.0973	13.913	47.267	.67485	13.948	5.4623	1467.7
#1	.03420	.00078	.00045	.00054	.03055	-.00018	.00021
#2	.03227	.00095	.00023	.00055	.02506	-.00017	-.00018

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	.00405	.00046	.00228	.00120	-.06727	.03183
SDev	.00024	.00115	.00008	.00120	.00011	.00618	.00442
%RSD	27.679	28.406	17.739	52.509	9.0859	9.1917	13.888
#1	-.00071	.00324	.00040	.00312	.00113	-.07165	.03496
#2	-.00106	.00487	.00051	.00143	.00128	-.06290	.02871

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.11910	.00229	.00023	.00529	.00061	.00060
SDev	.00006	.01277	.00076	.00001	.00147	.00120	.00001
%RSD	8.3186	10.721	33.325	2.1015	27.798	198.78	1.3589
#1	.00073	.11007	.00175	.00023	.00633	-.00025	.00061
#2	.00065	.12813	.00283	.00024	.00425	.00146	.00060

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.00037	.00246	-.00120	.00077	-.00171
SDev	.00001	.00008	.00125	.00021	.00028	.00051
%RSD	1.5883	20.859	50.799	17.765	36.619	29.696

#1	.00071	.00042	.00335	-.00135	.00057	-.00135
#2	.00069	.00031	.00158	-.00105	.00097	-.00207

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25151	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0618518	--	--	--	--	--	--
#1	25162	--	--	--	--	--	--
#2	25140	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48440-a-1-b Operator: SRP
Run Time: 01/11/12 09:34:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	178.68	.06580	.16800	1.3511	.01165	.07392	.03739
SDev	.26	.00062	.00091	.0024	.00001	.00014	.00013
%RSD	.14629	.94844	.54330	.17817	.11364	.18439	.35396
#1	178.87	.06624	.16865	1.3528	.01165	.07383	.03748
#2	178.50	.06536	.16736	1.3494	.01164	.07402	.03730

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1047.3	.24473	.10391	.30979	169.57	.11364	12.668
SDev	.3	.00047	.00041	.00030	.08	.00024	.005
%RSD	.03148	.19323	.39379	.09647	.04915	.21429	.03865
#1	1047.0	.24439	.10420	.31000	169.51	.11381	12.665
#2	1047.5	.24506	.10362	.30958	169.63	.11347	12.672

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00278	31.543	6.3569	.01687	.35900	27.277	11.266
SDev	.00228	.010	.0008	.00109	.00006	.047	.002
%RSD	81.708	.03233	.01226	6.4499	.01540	.17224	.02087
#1	-.00118	31.550	6.3575	.01764	.35903	27.310	11.264
#2	-.00439	31.536	6.3564	.01611	.35896	27.243	11.267

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00137	20.173	21.904	4.6020	-.01039	.05500	.30110
SDev	.00013	.104	.043	.0004	.00305	.00188	.00006
%RSD	9.2690	.51532	.19470	.00946	29.413	3.4244	.01818
#1	-.00128	20.246	21.934	4.6023	-.00823	.05634	.30106
#2	-.00146	20.099	21.874	4.6017	-.01255	.05367	.30114

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73814	.84694	12.468	12.769	.00454	-.00645

SDev	.00037	.00004	.016	.015	.00286	.00198
%RSD	.05033	.00501	.12632	.11919	63.144	30.728
#1	.73840	.84697	12.479	12.758	.00656	-.00504
#2	.73788	.84691	12.457	12.779	.00251	-.00785

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27406	--	--	--	--	--	--
SDev	70.00357	--	--	--	--	--	--
%RSD	.2554269	--	--	--	--	--	--
#1	27357	--	--	--	--	--	--
#2	27456	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48440-b-3-a Operator: SRP
Run Time: 01/11/12 09:37:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.094	.01727	.03796	.43720	.00100	.02969	.02470
SDev	.010	.00086	.00303	.00021	.00001	.00023	.00007
%RSD	.06494	4.9552	7.9726	.04792	.88994	.78522	.27206
#1	15.087	.01666	.04010	.43705	.00100	.02985	.02475
#2	15.101	.01787	.03582	.43735	.00099	.02952	.02465

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2384.1	.05821	.03113	.07635	39.095	.03012	2.2642
SDev	13.6	.00003	.00050	.00045	.078	.00004	.0010
%RSD	.56970	.05399	1.6106	.58810	.19899	.14748	.04275
#1	2393.7	.05819	.03149	.07604	39.150	.03009	2.2649
#2	2374.5	.05823	.03078	.07667	39.040	.03015	2.2635

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00381	149.84	2.7092	.01008	.08735	8.9038	5.5454
SDev	.00343	.16	.0045	.00047	.00047	.0149	.0020
%RSD	89.964	.10824	.16576	4.6325	.54291	.16687	.03569
#1	-.00139	149.95	2.7124	.00975	.08702	8.8933	5.5440
#2	-.00624	149.72	2.7060	.01042	.08769	8.9143	5.5468

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00203	5.8199	6.6685	16.867	.00072	.03488	.11531
SDev	.00023	.1240	.0154	.002	.00116	.00166	.00006
%RSD	11.132	2.1313	.23045	.01323	160.40	4.7644	.04762
#1	-.00187	5.9076	6.6577	16.869	.00154	.03606	.11527
#2	-.00218	5.7322	6.6794	16.865	-.00010	.03371	.11535

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06455	.23387	2.2224	2.2851	.00479	-.00812
SDev	.00013	.00022	.0069	.0020	.00899	.00065
%RSD	.19868	.09264	.30952	.08697	187.68	8.0329
#1	.06446	.23403	2.2273	2.2837	.01115	-.00766
#2	.06464	.23372	2.2175	2.2865	-.00157	-.00858

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	21687	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2804039	--	--	--	--	--	--

#1	21644	--	--	--	--	--
#2	21730	--	--	--	--	--

Method: 20076010 Sample Name: 600-48440-a-5-d Operator: SRP
Run Time: 01/11/12 09:41:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	115.32	.00333	.11348	.80296	.01207	.20718	.00544
SDev	.09	.00169	.00047	.00016	.00002	.00047	.00019
%RSD	.07656	50.635	.41045	.01969	.16964	.22905	3.4693
#1	115.25	.00453	.11381	.80285	.01206	.20684	.00557
#2	115.38	.00214	.11315	.80307	.01209	.20751	.00531

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.756	.12984	.14214	.17803	348.08	.13516	.20264
SDev	.059	.00020	.00041	.00015	.06	.00007	.00044
%RSD	.06057	.15402	.28597	.08346	.01810	.04936	.21685
#1	96.798	.12970	.14243	.17792	348.04	.13511	.20295
#2	96.715	.12998	.14186	.17813	348.13	.13521	.20233

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01084	19.882	2.4410	.00305	.19513	30.632	5.8758
SDev	.00040	.004	.0014	.00015	.00080	.016	.0043
%RSD	3.7223	.01874	.05726	5.0575	.40971	.05180	.07388
#1	-.01055	19.880	2.4400	.00316	.19569	30.621	5.8789
#2	-.01112	19.885	2.4420	.00294	.19456	30.643	5.8728

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00438	29.196	28.373	18.466	-.02587	.03707	.56044
SDev	.00052	.059	.003	.005	.00212	.00299	.00057
%RSD	11.905	.20107	.00893	.02805	8.1977	8.0555	.10152
#1	-.00401	29.238	28.371	18.462	-.02737	.03918	.56004

#2	-.00475	29.155	28.375	18.469	-.02437	.03496	.56085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20768	.86033	.17176	.21808	-.01236	-.01008
SDev	.00012	.00044	.00115	.00124	.00425	.00152
%RSD	.05782	.05133	.67150	.56670	34.423	15.095
#1	.20760	.86002	.17095	.21895	-.00935	-.01115
#2	.20777	.86065	.17258	.21721	-.01536	-.00900

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27734	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0203968	--	--	--	--	--	--
#1	27738	--	--	--	--	--	--
#2	27730	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48440-a-5-e du Operator: SRP
Run Time: 01/11/12 09:45:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.585	.00376	.07638	.39360	.00880	.23868	.00444
SDev	.072	.00169	.00098	.00055	.00001	.00077	.00001
%RSD	.08264	44.797	1.2899	.13882	.10067	.32368	.25537
#1	87.636	.00496	.07568	.39398	.00880	.23814	.00443
#2	87.534	.00257	.07708	.39321	.00879	.23923	.00445

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	156.84	.09527	.07794	.14662	206.90	.07865	.21633
SDev	.08	.00036	.00029	.00008	.10	.00004	.00053
%RSD	.04790	.37733	.36681	.05363	.04668	.04627	.24313
#1	156.90	.09502	.07814	.14668	206.96	.07867	.21670
#2	156.79	.09553	.07773	.14657	206.83	.07862	.21596

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00556	14.302	.91358	.00386	.10607	23.872	5.9818
SDev	.00199	.009	.00042	.00076	.00009	.025	.0075
%RSD	35.678	.06007	.04560	19.580	.08723	.10430	.12602
#1	-.00697	14.308	.91388	.00333	.10614	23.890	5.9871
#2	-.00416	14.296	.91329	.00440	.10601	23.854	5.9765

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00341	28.859	28.095	3.0317	-.01788	.03392	.44579
SDev	.00010	.124	.035	.0007	.00226	.00027	.00010

%RSD	2.9437	.43027	.12459	.02386	12.649	.80275	.02151
#1	-.00334	28.947	28.120	3.0322	-.01628	.03411	.44586
#2	-.00348	28.772	28.070	3.0312	-.01948	.03373	.44572

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16207	.67137	.19430	.22735	-.00768	-.00451
SDev	.00029	.00018	.00140	.00009	.00157	.00219
%RSD	.17728	.02761	.72274	.03819	20.482	48.630
#1	.16227	.67150	.19529	.22741	-.00879	-.00606

#2	.16187	.67124	.19330	.22729	-.00657	-.00296	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27276	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1322155	--	--	--	--	--	--
#1	27250	--	--	--	--	--	--
#2	27301	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48440-a-5-f ms Operator: SRP
Run Time: 01/11/12 09:49:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	156.11	.29606	.94324	1.5804	.43317	.83218	.41520
SDev	.51	.00235	.00273	.0033	.00024	.00061	.00139
%RSD	.32525	.79550	.28902	.20990	.05450	.07310	.33516
#1	156.47	.29439	.94516	1.5828	.43334	.83261	.41619
#2	155.75	.29772	.94131	1.5781	.43300	.83175	.41422

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	151.01	.99979	.93372	1.0648	339.44	.59410	1.0797
SDev	.14	.00076	.00043	.0021	.46	.00171	.0037
%RSD	.09200	.07608	.04649	.20125	.13456	.28817	.33855
#1	151.11	1.0003	.93402	1.0663	339.77	.59531	1.0823
#2	150.91	.99925	.93341	1.0633	339.12	.59289	1.0771

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78486	32.283	3.0642	.71352	1.0005	46.816	6.7076
SDev	.00318	.057	.0033	.00132	.0033	.106	.0142
%RSD	.40551	.17619	.10789	.18540	.32755	.22716	.21135
#1	.78261	32.323	3.0665	.71259	1.0028	46.892	6.7176
#2	.78711	32.243	3.0619	.71446	.99821	46.741	6.6975

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43748	44.478	43.058	5.6540	.81740	.80618	.92559
SDev	.00106	.220	.148	.0056	.00138	.00227	.00165
%RSD	.24145	.49377	.34457	.09861	.16860	.28207	.17802
#1	.43823	44.633	43.163	5.6580	.81643	.80457	.92675
#2	.43674	44.323	42.953	5.6501	.81838	.80779	.92442

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0641	1.5851	1.0280	1.1055	.77209	.79125
SDev	.0000	.0026	.0064	.0023	.00153	.00401
%RSD	.00406	.16117	.62115	.20716	.19798	.50677
#1	1.0641	1.5870	1.0325	1.1071	.77101	.78841
#2	1.0641	1.5833	1.0235	1.1039	.77317	.79409

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27279	--	--	--	--	--	--
SDev	98.99495	--	--	--	--	--	--
%RSD	.3628980	--	--	--	--	--	--

#1	27209	--	--	--	--	--	--
#2	27349	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48440-a-5-g msd Operator: SRP
Run Time: 01/11/12 09:53:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	150.23	.28501	.98241	1.3171	.44686	.75865	.42827
SDev	.17	.00290	.00081	.0010	.00040	.00077	.00038
%RSD	.11479	1.0188	.08250	.07900	.08978	.10178	.08999
#1	150.11	.28296	.98183	1.3179	.44715	.75811	.42854
#2	150.36	.28707	.98298	1.3164	.44658	.75920	.42800

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.000	1.0239	.94651	1.0957	443.00	.58839	1.0805
SDev	.013	.0003	.00082	.0019	.22	.00063	.0006
%RSD	.01355	.03044	.08641	.17477	.04935	.10670	.05239
#1	96.990	1.0241	.94709	1.0971	443.15	.58794	1.0801
#2	97.009	1.0237	.94593	1.0944	442.84	.58883	1.0809

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79693	31.750	2.0472	.74058	.99260	42.705	6.8633
SDev	.00055	.008	.0011	.00421	.00005	.029	.0076
%RSD	.06865	.02480	.05342	.56805	.00454	.06695	.11116

#1	.79731	31.756	2.0480	.74355	.99257	42.685	6.8579
#2	.79654	31.745	2.0465	.73761	.99263	42.725	6.8687

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44442	38.807	37.663	4.2930	.83056	.81255	1.0061
SDev	.00009	.022	.071	.0018	.00363	.00180	.0013
%RSD	.01940	.05620	.18943	.04206	.43691	.22121	.12776
#1	.44436	38.791	37.613	4.2943	.83313	.81128	1.0070
#2	.44448	38.822	37.714	4.2917	.82799	.81382	1.0052

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0210	1.7511	1.0298	1.1058	.78362	.80358
SDev	.0001	.0008	.0028	.0022	.00251	.00207
%RSD	.01427	.04771	.26970	.20235	.31995	.25813
#1	1.0211	1.7517	1.0318	1.1043	.78185	.80505
#2	1.0209	1.7505	1.0278	1.1074	.78540	.80211

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/11/12 09:57:32 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27335	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1293409	--	--	--	--	--	--
#1	27310	--	--	--	--	--	--
#2	27360	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48440-a-6-b Operator: SRP
Run Time: 01/11/12 09:57:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	133.31	.00437	.11166	.80842	.01318	.09136	.00762
SDev	.02	.00028	.00019	.00020	.00006	.00004	.00015
%RSD	.01680	6.2981	.16837	.02531	.44324	.03919	2.0298
#1	133.33	.00418	.11179	.80857	.01322	.09134	.00751
#2	133.29	.00457	.11152	.80828	.01314	.09139	.00773

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	363.93	.15569	.09426	.16335	311.68	.11646	.54313
SDev	.90	.00047	.00012	.00015	.61	.00012	.00054
%RSD	.24819	.30157	.12601	.09255	.19497	.10228	.10023
#1	364.57	.15602	.09434	.16345	312.11	.11638	.54351
#2	363.29	.15535	.09417	.16324	311.25	.11655	.54274

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00653	24.621	1.6813	.00680	.14820	28.717	6.0599
SDev	.00309	.046	.0026	.00119	.00060	.027	.0038
%RSD	47.319	.18844	.15329	17.544	.40847	.09552	.06254
#1	-.00871	24.654	1.6831	.00764	.14863	28.698	6.0626
#2	-.00434	24.588	1.6795	.00596	.14777	28.736	6.0573

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00407	14.887	15.415	3.8743	-.02143	.03558	.43340
SDev	.00015	.082	.019	.0000	.00125	.00274	.00064
%RSD	3.5723	.55166	.12125	.00093	5.8322	7.6892	.14751
#1	-.00397	14.945	15.402	3.8743	-.02055	.03752	.43386
#2	-.00417	14.829	15.428	3.8743	-.02232	.03365	.43295

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32925	.73844	.50225	.56357	-.00736	-.00611
SDev	.00021	.00110	.00167	.00002	.00061	.00433
%RSD	.06498	.14910	.33321	.00357	8.3112	70.825
#1	.32940	.73921	.50343	.56356	-.00779	-.00917

#2	.32909	.73766	.50106	.56359	-.00693	-.00305	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27942	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.2049842	--	--	--	--	--	--
#1	27901	--	--	--	--	--	--
#2	27982	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48544-a-1-a@10 Operator: SRP
Run Time: 01/11/12 10:01:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	221.69	.00081	.00427	.03835	-.00001	.00319	-.00022
SDev	.57	.00046	.00248	.00017	.00001	.00010	.00011
%RSD	.25523	56.610	58.106	.45415	47.875	3.0626	49.104
#1	221.29	.00114	.00603	.03823	-.00001	.00326	-.00029
#2	222.09	.00049	.00252	.03847	-.00002	.00312	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82586	.01673	.00025	.00723	1.1264	.00000	.00379
SDev	.00283	.00020	.00004	.00015	.0069	.00003	.00011
%RSD	.34267	1.1828	17.043	2.1003	.61158	634.73	2.9690
#1	.82386	.01687	.00028	.00734	1.1215	.00002	.00372
#2	.82786	.01659	.00022	.00712	1.1313	-.00002	.00387

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	1.5086	.02641	.00099	.00479	-.09745	.28736
SDev	.00369	.0019	.00007	.00069	.00009	.00730	.00440
%RSD	1185.4	.12736	.25774	69.460	1.8527	7.4944	1.5320
#1	.00230	1.5099	.02636	.00051	.00472	-.09229	.29047
#2	-.00292	1.5072	.02646	.00148	.00485	-.10261	.28424

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.32928	.27905	.00383	.00185	.00231	.01680
SDev	.00006	.00630	.00132	.00017	.00194	.00200	.00005
%RSD	7.4569	1.9149	.47434	4.4044	105.01	86.568	.26834
#1	.00081	.32482	.27811	.00371	.00322	.00372	.01683
#2	.00073	.33374	.27998	.00394	.00048	.00090	.01677

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00895	.05428	-.04212	.02675	.00708	-.00401

SDev	.00023	.00000	.00006	.00014	.00116	.00495
%RSD	2.6182	.00179	.15213	.51189	16.347	123.59
#1	.00912	.05429	-.04217	.02666	.00790	-.00051
#2	.00878	.05428	-.04208	.02685	.00626	-.00751

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25024	--	--	--	--	--	--
SDev	64.34672	--	--	--	--	--	--
%RSD	.2571349	--	--	--	--	--	--
#1	25070	--	--	--	--	--	--
#2	24979	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48442-c-11-b Operator: SRP
Run Time: 01/11/12 10:05:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	134.13	.89389	1.0366	1.8893	.38710	.93645	.38304
SDev	.15	.00431	.0056	.0017	.00083	.00077	.00057
%RSD	.10843	.48256	.54299	.08887	.21538	.08277	.14787
#1	134.24	.89084	1.0326	1.8905	.38651	.93590	.38264
#2	134.03	.89694	1.0406	1.8881	.38769	.93699	.38344

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1912.1	.88541	.83036	1.1152	144.72	1.3261	.88741
SDev	3.8	.00133	.00006	.0014	.35	.0028	.00270
%RSD	.19754	.14990	.00778	.12741	.24526	.20922	.30432
#1	1909.4	.88447	.83031	1.1162	144.46	1.3281	.88550

#2	1914.7	.88635	.83040	1.1142	144.97	1.3242	.88932

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82919	37.433	11.756	.81766	.95930	34.485	13.005
SDev	.00432	.098	.022	.00275	.00029	.080	.033
%RSD	.52156	.26106	.18768	.33660	.02978	.23244	.25360
#1	.82613	37.364	11.740	.81572	.95950	34.542	12.982
#2	.83225	37.502	11.771	.81961	.95910	34.428	13.028

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47168	16.517	20.102	10.418	.78904	.84077	1.2863
SDev	.00064	.151	.038	.004	.00493	.00029	.0013
%RSD	.13672	.91569	.18764	.04017	.62491	.03415	.09981
#1	.47214	16.624	20.129	10.421	.79253	.84057	1.2854
#2	.47123	16.410	20.075	10.415	.78555	.84097	1.2872

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1772	1.5149	.84038	.91092	.82560	.83099
SDev	.0014	.0053	.00180	.00495	.00123	.00587
%RSD	.11883	.34928	.21399	.54341	.14889	.70669
#1	1.1762	1.5111	.84165	.90742	.82473	.82683
#2	1.1782	1.5186	.83911	.91442	.82647	.83514

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24196	--	--	--	--	--	--
SDev	80.61018	--	--	--	--	--	--
%RSD	.3331550	--	--	--	--	--	--
#1	24139	--	--	--	--	--	--
#2	24253	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48442-c-11b@5 Operator: SRP
Run Time: 01/11/12 10:09:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.130	.00192	.03469	.23763	.00139	.01544	.00162
SDev	.029	.00154	.00163	.00022	.00002	.00044	.00006
%RSD	.10159	80.106	4.6967	.09242	1.2288	2.8536	3.9525
#1	28.150	.00301	.03585	.23778	.00140	.01575	.00167
#2	28.109	.00083	.03354	.23747	.00137	.01513	.00158

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	775.62	.03213	.01948	.03963	34.341	.01839	.02917
SDev	1.85	.00005	.00029	.00003	.066	.00002	.00036
%RSD	.23894	.15988	1.4818	.08271	.19213	.08503	1.2527

#1	776.93	.03209	.01968	.03965	34.387	.01840	.02891
#2	774.31	.03216	.01927	.03961	34.294	.01838	.02943

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	7.5433	2.8126	.00340	.05296	3.4867	2.8109
SDev	.00077	.0154	.0066	.00124	.00065	.0069	.0130
%RSD	126.87	.20479	.23397	36.441	1.2301	.19889	.46341
#1	-.00006	7.5542	2.8173	.00427	.05250	3.4916	2.8201
#2	-.00115	7.5324	2.8080	.00252	.05342	3.4818	2.8017

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	1.0256	1.1246	2.0931	.00276	.00478	.11029
SDev	.00024	.0368	.0012	.0010	.00075	.00224	.00015

%RSD	304.21	3.5887	.10622	.04886	27.308	46.783	.13690
#1	.00009	1.0516	1.1255	2.0938	.00329	.00636	.11040
#2	-.00025	.99957	1.1238	2.0924	.00223	.00320	.11018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08946	.17140	.02181	.03285	.00126	-.00154
SDev	.00037	.00049	.00080	.00015	.00064	.00083
%RSD	.41167	.28438	3.6839	.44554	50.731	54.076
#1	.08972	.17175	.02124	.03275	.00172	-.00095
#2	.08920	.17106	.02238	.03296	.00081	-.00213

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24307	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0058181	--	--	--	--	--	--
#1	24308	--	--	--	--	--	--
#2	24306	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/11/12 10:13:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4337	.48223	.48625	.48789	.48598	.48465	.48314
SDev	.0004	.00447	.00051	.00009	.00148	.00093	.00127
%RSD	.01481	.92604	.10376	.01854	.30394	.19267	.26293
#1	2.4335	.48539	.48589	.48782	.48702	.48531	.48404
#2	2.4340	.47908	.48660	.48795	.48493	.48399	.48225

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.153	.47830	.47799	.48928	2.4380	.46244	.47882

SDev	.061	.00114	.00073	.00038	.0440	.00073	.00204
%RSD	.50481	.23775	.15197	.07865	1.8063	.15810	.42550
#1	12.196	.47910	.47850	.48901	2.4069	.46193	.48026
#2	12.110	.47750	.47747	.48955	2.4691	.46296	.47738

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49169	4.7908	.47488	.49008	.48903	11.868	.92240
SDev	.00145	.0055	.00110	.00046	.00077	.036	.00632
%RSD	.29526	.11550	.23107	.09409	.15734	.30350	.68491
#1	.49272	4.7948	.47565	.48975	.48957	11.842	.92686
#2	.49066	4.7869	.47410	.49041	.48848	11.893	.91793

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24042	12.035	11.705	.24264	.49400	.48688	.49331
SDev	.00081	.177	.031	.00017	.00196	.00091	.00043
%RSD	.33597	1.4743	.26684	.07001	.39677	.18657	.08734
#1	.23985	11.910	11.683	.24252	.49261	.48624	.49362
#2	.24099	12.160	11.727	.24276	.49539	.48752	.49301

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48639	.49088	.46997	.48325	.48128	.49695
SDev	.00088	.00157	.00005	.00308	.00195	.00120
%RSD	.18182	.31994	.00997	.63725	.40468	.24226
#1	.48701	.49199	.46994	.48543	.48265	.49780
#2	.48576	.48977	.47000	.48107	.47990	.49610

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25110	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.2027546	--	--	--	--	--	--
#1	25074	--	--	--	--	--	--
#2	25146	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/11/12 10:16:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02747	.00303	.00132	.00035	.00010	.00210	.00039
SDev	.00120	.00074	.00122	.00001	.00003	.00027	.00013
%RSD	4.3552	24.363	92.771	3.4871	30.241	13.027	33.687
#1	.02663	.00251	.00218	.00034	.00008	.00229	.00029
#2	.02832	.00355	.00045	.00036	.00013	.00191	.00048

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01892	.00073	.00014	-.00020	.01159	-.00031	-.00070
SDev	.00458	.00002	.00028	.00010	.00464	.00001	.00038
%RSD	24.208	3.2174	203.78	48.447	40.057	4.8186	54.774
#1	.01568	.00071	-.00006	-.00013	.00831	-.00032	-.00097
#2	.02216	.00075	.00034	-.00027	.01487	-.00030	-.00043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00267	-.01011	.00029	.00135	.00037	-.10303	.00695
SDev	.00000	.00128	.00005	.00034	.00003	.00733	.00196
%RSD	.00221	12.625	18.748	25.420	7.8274	7.1177	28.115

#1	.00267	-.00921	.00025	.00160	.00039	-.09784	.00833
#2	.00267	-.01102	.00032	.00111	.00035	-.10821	.00557

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.11818	-.00152	.00018	.00309	-.00102	.00048
SDev	.00037	.05872	.00025	.00003	.00132	.00082	.00001
%RSD	68.393	49.685	16.641	17.228	42.636	80.087	2.5564
#1	.00028	.07666	-.00134	.00015	.00402	-.00044	.00049
#2	.00081	.15970	-.00170	.00020	.00216	-.00160	.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00014	.00057	-.00134	.00351	.00225
SDev	.00017	.00015	.00202	.00159	.00129	.00064
%RSD	30.104	110.52	354.91	118.72	36.655	28.592
#1	.00045	.00003	.00200	-.00246	.00442	.00180
#2	.00069	.00025	-.00086	-.00021	.00260	.00271

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25074	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0958827	--	--	--	--	--	--
#1	25057	--	--	--	--	--	--
#2	25091	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-69736/1-a Operator: SRP
Run Time: 01/11/12 10:22:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01980	.00007	-.00011	.00265	-.00007	.00197	.00025
SDev	.00205	.00198	.00179	.00008	.00008	.00067	.00010
%RSD	10.337	2771.1	1646.5	2.9924	110.45	34.147	39.749

#1	.01835	-.00133	-.00137	.00259	-.00013	.00149	.00018
#2	.02125	.00147	.00116	.00271	-.00002	.00244	.00032

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02326	.00089	.00029	.00028	.05612	-.00044	.00044
SDev	.00762	.00007	.00008	.00006	.00818	.00006	.00012
%RSD	32.742	8.0408	27.599	22.921	14.582	13.606	26.665

#1	.01788	.00084	.00035	.00024	.05033	-.00049	.00035
#2	.02865	.00094	.00023	.00033	.06190	-.00040	.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	-.01917	.00083	.00018	.00019	-.12683	.00480
SDev	.00153	.00112	.00008	.00079	.00047	.00566	.00085
%RSD	180.23	5.8338	9.6968	439.97	247.58	4.4640	17.752

#1	.00023	-.01996	.00077	.00074	.00053	-.13083	.00541
#2	-.00192	-.01838	.00089	-.00038	-.00014	-.12282	.00420

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.01215	-.00132	.00019	.00287	.00088	.00030
SDev	.00006	.04475	.00075	.00008	.00320	.00006	.00010
%RSD	27.432	368.42	57.030	41.266	111.28	6.7706	32.092

#1	.00017	-.01950	-.00185	.00013	.00061	.00092	.00024
#2	.00025	.04379	-.00079	.00024	.00513	.00083	.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00298	.00257	-.00063	.00344	-.00299
SDev	.00025	.00023	.00086	.00025	.00125	.00166
%RSD	51.188	7.7145	33.459	40.574	36.441	55.601

#1	.00032	.00281	.00196	-.00045	.00432	-.00181
#2	.00067	.00314	.00317	-.00081	.00255	-.00416

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25336	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.0586104	--	--	--	--	--	--

Analysis Report 01/11/12 10:26:11 AM page 2

#1	25346	--	--	--	--	--	--
#2	25325	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69736/2-a Operator: SRP
Run Time: 01/11/12 10:26:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	9.7614	.97584	.98773	1.0019	.48794	.98612	.48744
SDev	.0287	.00298	.00225	.0025	.00134	.00067	.00144
%RSD	.29399	.30567	.22800	.24587	.27437	.06832	.29615
#1	9.7817	.97795	.98933	1.0036	.48888	.98660	.48846
#2	9.7412	.97374	.98614	1.0001	.48699	.98565	.48642

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8114	.96393	.96604	.99831	9.9179	.46462	.96602
SDev	.0175	.00273	.00324	.00243	.0350	.00087	.00433
%RSD	.17876	.28334	.33560	.24303	.35287	.18801	.44791
#1	9.8238	.96586	.96833	1.0000	9.9426	.46524	.96908
#2	9.7990	.96200	.96374	.99659	9.8931	.46400	.96296

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98514	9.6509	.96250	.99511	.99866	9.7749	.91057
SDev	.00203	.0301	.00241	.00060	.00618	.0129	.00358
%RSD	.20572	.31144	.25056	.05985	.61886	.13211	.39339
#1	.98371	9.6721	.96421	.99553	1.0030	9.7840	.91310
#2	.98657	9.6296	.96080	.99469	.99429	9.7657	.90803

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49566	9.4883	9.6434	.49600	1.0052	.96960	.99484
SDev	.00170	.0007	.0124	.00116	.0093	.00267	.00237
%RSD	.34288	.00704	.12907	.23433	.92930	.27512	.23796
#1	.49686	9.4887	9.6522	.49682	.99859	.97149	.99652
#2	.49446	9.4878	9.6346	.49518	1.0118	.96771	.99317

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98393	.98837	.94019	.97893	.95809	.99867
SDev	.00314	.00286	.00516	.00391	.00441	.00083
%RSD	.31866	.28907	.54887	.39944	.46079	.08337
#1	.98615	.99039	.94384	.98170	.95497	.99808
#2	.98171	.98635	.93654	.97617	.96121	.99925

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/11/12 10:30:02 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25059	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1862367	--	--	--	--	--	--
#1	25026	--	--	--	--	--	--
#2	25092	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-2-c Operator: SRP
Run Time: 01/11/12 10:30:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03867	.00059	.00192	.10275	-.00019	.02910	.00029
SDev	.00083	.00066	.00027	.00032	.00003	.00028	.00001
%RSD	2.1522	110.56	14.005	.30648	14.893	.96705	3.0220
#1	.03926	.00106	.00173	.10297	-.00017	.02930	.00030
#2	.03808	.00013	.00211	.10253	-.00021	.02890	.00029

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.022	.00052	.00144	.00210	.02676	.00157	-.00067
SDev	.293	.00002	.00004	.00023	.00400	.00004	.00027
%RSD	.41817	4.6537	2.7531	10.766	14.953	2.6010	39.758
#1	70.229	.00054	.00141	.00226	.02958	.00160	-.00048
#2	69.815	.00051	.00147	.00194	.02393	.00154	-.00086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	1.4209	.11654	.00230	.00322	.22604	1.5166
SDev	.00273	.0101	.00058	.00134	.00003	.00916	.0055
%RSD	172.86	.71121	.50116	58.413	1.0035	4.0544	.35991
#1	.00035	1.4281	.11696	.00325	.00324	.23252	1.5204
#2	-.00351	1.4138	.11613	.00135	.00319	.21956	1.5127

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	169.93	132.39	.11337	.00583	.00054	.00021
SDev	.00023	.33	.43	.00033	.00177	.00086	.00001
%RSD	114.22	.19693	.32588	.28901	30.379	160.13	3.6007
#1	.00004	170.17	132.69	.11360	.00458	.00115	.00022
#2	.00037	169.69	132.08	.11314	.00709	-.00007	.00021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.01076	.00047	-.00124	.00404	-.00439
SDev	.00007	.00005	.00076	.00002	.00312	.00254
%RSD	7.2713	.45287	161.50	1.6688	77.319	57.738
#1	.00096	.01073	.00101	-.00123	.00625	-.00260

#2	.00106	.01080	-.00007	-.00126	.00183	-.00618

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25108	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.1323669	--	--	--	--	--	--
#1	25084	--	--	--	--	--	--
#2	25131	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-2-d ms Operator: SRP
Run Time: 01/11/12 10:33:56

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.178	.98620	1.0020	1.0988	.48377	1.0306	.47762
SDev	.015	.00216	.0027	.0001	.00042	.0005	.00072
%RSD	.15214	.21882	.27156	.01264	.08779	.05081	.15124
#1	10.189	.98468	1.0039	1.0989	.48347	1.0310	.47711
#2	10.167	.98773	1.0000	1.0987	.48407	1.0302	.47813

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.318	.94566	.94946	1.0148	9.6957	.54887	.95529
SDev	.006	.00023	.00004	.0006	.0041	.00108	.00017
%RSD	.00802	.02484	.00427	.06088	.04237	.19672	.01810
#1	78.313	.94549	.94944	1.0143	9.6928	.54964	.95541
#2	78.322	.94582	.94949	1.0152	9.6986	.54811	.95517

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0083	10.902	1.0534	.99085	.97587	13.045	2.4933
SDev	.0019	.006	.0003	.00310	.00089	.044	.0000
%RSD	.18566	.05823	.02959	.31309	.09121	.33832	.00165
#1	1.0096	10.906	1.0531	.98866	.97650	13.076	2.4934
#2	1.0069	10.897	1.0536	.99305	.97524	13.014	2.4933

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50115	184.80	143.54	.61127	1.0045	.97181	.98848
SDev	.00001	.47	.25	.00014	.0039	.00028	.00021
%RSD	.00107	.25460	.17160	.02228	.38976	.02834	.02111
#1	.50115	185.14	143.71	.61137	1.0017	.97162	.98833
#2	.50116	184.47	143.37	.61118	1.0072	.97201	.98862

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97925	.99627	.92850	.96868	.98906	1.0179

SDev	.00092	.00295	.00060	.00004	.00205	.0018
%RSD	.09394	.29652	.06480	.00428	.20769	.17496
#1	.97990	.99418	.92893	.96865	.99052	1.0191
#2	.97860	.99836	.92808	.96871	.98761	1.0166

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24768	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.0942105	--	--	--	--	--	--
#1	24785	--	--	--	--	--	--
#2	24752	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-2-e msd Operator: SRP
Run Time: 01/11/12 10:37:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.138	.97583	1.0003	1.0935	.48207	1.0263	.47580
SDev	.027	.00440	.0003	.0012	.00153	.0006	.00134
%RSD	.26885	.45064	.02716	.11293	.31847	.06138	.28149
#1	10.157	.97894	1.0001	1.0944	.48315	1.0268	.47674
#2	10.119	.97272	1.0005	1.0926	.48098	1.0259	.47485

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.145	.94212	.94484	1.0093	9.6693	.54667	.95151
SDev	.246	.00292	.00367	.0016	.0363	.00038	.00400
%RSD	.31486	.31020	.38820	.15499	.37580	.06870	.42058
#1	78.319	.94419	.94743	1.0105	9.6950	.54693	.95434
#2	77.971	.94006	.94224	1.0082	9.6436	.54640	.94868

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0095	10.866	1.0501	.98639	.97003	13.004	2.4853
SDev	.0056	.029	.0029	.00073	.00345	.026	.0069
%RSD	.55160	.26336	.28062	.07408	.35553	.19813	.27829
#1	1.0056	10.886	1.0521	.98691	.97247	13.022	2.4902
#2	1.0134	10.845	1.0480	.98588	.96759	12.986	2.4804

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49876	184.56	143.38	.60833	1.0112	.96334	.98284
SDev	.00018	.22	.32	.00056	.0005	.00124	.00228
%RSD	.03603	.12072	.22123	.09249	.04808	.12909	.23243
#1	.49889	184.71	143.60	.60873	1.0108	.96422	.98446
#2	.49863	184.40	143.15	.60793	1.0115	.96246	.98123

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97401	.99241	.92409	.96521	.98000	1.0243
SDev	.00335	.00192	.00394	.00403	.00043	.0086
%RSD	.34362	.19315	.42605	.41797	.04379	.83643
#1	.97637	.99377	.92688	.96807	.98031	1.0182
#2	.97164	.99106	.92131	.96236	.97970	1.0303

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24842	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0711590	--	--	--	--	--	--
#1	24830	--	--	--	--	--	--

#2	24855	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-3-c Operator: SRP
Run Time: 01/11/12 10:41:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03644	.00342	.00067	.06574	-.00026	.01131	.00020
SDev	.00132	.00142	.00004	.00005	.00001	.00035	.00008
%RSD	3.6314	41.443	6.6163	.08071	2.7106	3.0684	40.247
#1	.03738	.00442	.00064	.06578	-.00027	.01156	.00025
#2	.03551	.00242	.00070	.06570	-.00026	.01107	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.967	.00043	.00010	.00027	.01795	-.00023	.00005
SDev	.085	.00017	.00016	.00032	.00218	.00002	.00024
%RSD	.10935	39.864	160.83	118.06	12.121	10.606	507.49
#1	78.027	.00055	.00021	.00050	.01642	-.00021	.00022
#2	77.907	.00031	-.00001	.00004	.01949	-.00025	-.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	1.1834	.02357	.00308	.00128	-.02057	.19527
SDev	.00093	.0049	.00006	.00081	.00034	.00778	.00186
%RSD	184.03	.41076	.24894	26.354	26.769	37.826	.94979
#1	.00015	1.1868	.02361	.00365	.00152	-.01507	.19395
#2	-.00117	1.1799	.02352	.00251	.00104	-.02607	.19658

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	172.05	133.92	.09075	.00582	-.00026	.00002
SDev	.00009	.08	.19	.00007	.00266	.00013	.00012

%RSD	49.909	.04750	.13861	.07251	45.784	48.468	715.65
#1	.00011	171.99	133.79	.09070	.00770	-.00017	.00010
#2	.00024	172.11	134.05	.09080	.00393	-.00035	-.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00097	.00463	.00290	-.00138	.00732	-.00442
SDev	.00019	.00018	.00065	.00003	.00155	.00062
%RSD	19.232	3.9084	22.415	2.4726	21.250	14.102
#1	.00110	.00450	.00336	-.00135	.00841	-.00398
#2	.00083	.00476	.00244	-.00140	.00622	-.00486

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24836	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.1338166	--	--	--	--	--	--

#1	24812	--	--	--	--	--	--
#2	24859	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-4-c Operator: SRP
Run Time: 01/11/12 10:45:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03767	.00181	.00157	.10384	-.00030	.01226	.00027
SDev	.00187	.00056	.00159	.00022	.00000	.00001	.00015
%RSD	4.9740	30.894	101.33	.20881	.61672	.09351	54.549
#1	.03900	.00221	.00045	.10399	-.00030	.01227	.00017
#2	.03635	.00141	.00269	.10369	-.00030	.01225	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.362	.00043	.00036	.00385	.04468	-.00016	-.00073
SDev	.038	.00007	.00012	.00006	.00123	.00000	.00061
%RSD	.04874	17.020	33.588	1.6695	2.7452	.87540	82.934
#1	78.389	.00048	.00027	.00381	.04381	-.00016	-.00030
#2	78.335	.00037	.00045	.00390	.04554	-.00016	-.00116

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.95440	.08125	.00079	.02113	.11304	.43919
SDev	.00203	.00152	.00017	.00040	.00016	.00229	.00015
%RSD	394.92	.15922	.21055	50.756	.78149	2.0290	.03457
#1	.00195	.95547	.08137	.00108	.02102	.11142	.43930
#2	-.00092	.95332	.08113	.00051	.02125	.11466	.43908

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	171.22	133.27	.11762	.00256	.00017	-.00012
SDev	.00012	.06	.07	.00013	.00044	.00099	.00005
%RSD	48.392	.03651	.05369	.11356	17.262	567.92	42.675
#1	.00016	171.27	133.22	.11772	.00225	-.00052	-.00008
#2	.00032	171.18	133.32	.11753	.00287	.00087	-.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	.01107	.00021	-.00120	.00596	-.00221
SDev	.00009	.00021	.00087	.00135	.00317	.00146
%RSD	8.4212	1.9427	417.91	112.08	53.166	66.036
#1	.00094	.01122	-.00041	-.00025	.00820	-.00118
#2	.00106	.01092	.00083	-.00215	.00372	-.00324

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24913	--	--	--	--	--	--

SDev	5.656854	--	--	--	--	--	--
%RSD	.0227064	--	--	--	--	--	--
#1	24917	--	--	--	--	--	--
#2	24909	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-5-c Operator: SRP
Run Time: 01/11/12 10:49:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03787	.00065	.00298	.09462	-.00030	.05174	.00020
SDev	.00036	.00000	.00149	.00025	.00001	.00066	.00001
%RSD	.95053	.40326	49.935	.26388	3.7294	1.2707	7.1401
#1	.03761	.00065	.00403	.09479	-.00031	.05220	.00019
#2	.03812	.00065	.00193	.09444	-.00029	.05127	.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.379	.00141	.00014	-.00015	.01965	.00007	-.00093
SDev	.184	.00017	.00004	.00025	.01197	.00000	.00004
%RSD	.25043	11.889	28.201	171.39	60.910	4.0543	3.8015
#1	73.509	.00129	.00017	.00003	.02811	.00006	-.00091
#2	73.249	.00152	.00011	-.00032	.01119	.00007	-.00096

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	1.1745	.07708	.00169	.00225	.21663	1.2452
SDev	.00207	.0052	.00012	.00014	.00012	.00250	.0044
%RSD	84.208	.44574	.14947	8.4621	5.3242	1.1554	.35405

#1	.00100	1.1782	.07717	.00180	.00234	.21840	1.2484
#2	.00393	1.1708	.07700	.00159	.00217	.21486	1.2421

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	170.31	132.45	.14188	.00275	.00097	.00001
SDev	.00006	.34	.37	.00037	.00381	.00029	.00001
%RSD	20.322	.19718	.27675	.26027	138.75	29.608	162.98
#1	.00024	170.54	132.70	.14214	.00544	.00117	-.00000
#2	.00032	170.07	132.19	.14162	.00005	.00077	.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00125	.00735	-.00127	-.00076	.00779	-.00020
SDev	.00026	.00006	.00030	.00020	.00511	.00055
%RSD	20.795	.85685	23.427	26.407	65.594	269.92
#1	.00107	.00740	-.00148	-.00062	.00418	-.00060
#2	.00144	.00731	-.00106	-.00091	.01141	.00019

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25119	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0450404	--	--	--	--	--	--
#1	25111	--	--	--	--	--	--
#2	25127	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-6-c Operator: SRP
Run Time: 01/11/12 10:53:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04036	.00237	.00163	.08927	-.00034	.01101	.00040
SDev	.00100	.00055	.00266	.00020	.00001	.00033	.00006
%RSD	2.4845	23.200	163.52	.22339	3.0887	3.0032	15.903
#1	.03965	.00198	-.00025	.08941	-.00034	.01078	.00044
#2	.04107	.00276	.00351	.08913	-.00033	.01125	.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.657	.00053	.00037	.00002	.04822	-.00025	-.00055
SDev	.183	.00003	.00012	.00022	.00374	.00001	.00074
%RSD	.23910	4.6767	32.554	1229.0	7.7500	5.6161	133.37
#1	76.786	.00054	.00045	.00018	.04558	-.00024	-.00108
#2	76.527	.00051	.00028	-.00014	.05087	-.00026	-.00003

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	1.1935	.13595	.00008	.00283	.16071	.37975
SDev	.00065	.0021	.00044	.00066	.00020	.00664	.00133
%RSD	293.56	.17976	.32190	807.86	7.1280	4.1306	.35067
#1	-.00024	1.1951	.13626	.00055	.00297	.16541	.38069
#2	.00068	1.1920	.13564	-.00038	.00269	.15602	.37881

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	172.79	134.00	.09679	.00332	-.00078	-.00008
SDev	.00015	.11	.01	.00010	.00145	.00002	.00006
%RSD	65.285	.06547	.00582	.10276	43.814	2.4901	83.823
#1	.00012	172.87	134.01	.09686	.00435	-.00079	-.00003
#2	.00032	172.71	134.00	.09672	.00229	-.00076	-.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	.00873	-.00055	-.00056	.00243	-.00088
SDev	.00010	.00020	.00028	.00097	.00254	.00030
%RSD	7.0294	2.3131	50.603	174.34	104.62	33.643
#1	.00143	.00859	-.00075	-.00124	.00063	-.00067
#2	.00130	.00887	-.00035	.00013	.00422	-.00109

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25076	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.1635516	--	--	--	--	--	--
#1	25047	--	--	--	--	--	--
#2	25105	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-7-c Operator: SRP
Run Time: 01/11/12 10:57:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03700	-.00029	.00163	.05075	-.00035	.01477	.00021
SDev	.00230	.00228	.00050	.00013	.00000	.00038	.00005
%RSD	6.2150	782.30	30.663	.26114	1.3451	2.5600	25.056
#1	.03862	.00132	.00199	.05084	-.00036	.01504	.00025
#2	.03537	-.00190	.00128	.05065	-.00035	.01451	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.074	.00063	.00042	.00055	.01695	.00012	-.00025
SDev	.228	.00036	.00012	.00013	.00302	.00001	.00002
%RSD	.28856	57.438	28.146	23.823	17.845	7.2142	6.5675

#1	79.235	.00088	.00051	.00065	.01481	.00013	-.00026
#2	78.913	.00037	.00034	.00046	.01909	.00012	-.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.49652	.03469	.00087	.00568	.52405	3.0923
SDev	.00226	.00536	.00008	.00046	.00019	.00874	.0120
%RSD	254.75	1.0793	.22093	52.740	3.4391	1.6688	.38934
#1	.00248	.50031	.03474	.00119	.00582	.53024	3.1008
#2	-.00071	.49273	.03463	.00054	.00555	.51787	3.0837

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	167.26	130.79	.20656	-.00004	.00136	-.00012
SDev	.00000	.95	.54	.00040	.00013	.00047	.00002
%RSD	.07611	.56787	.41343	.19117	326.02	34.827	12.527
#1	.00045	167.93	131.17	.20683	.00005	.00169	-.00011
#2	.00045	166.59	130.41	.20628	-.00013	.00103	-.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00186	.00328	-.00016	-.00029	.00663	-.00199
SDev	.00008	.00004	.00021	.00008	.00665	.00006
%RSD	4.3300	1.2762	134.43	28.494	100.23	2.9796
#1	.00181	.00325	-.00031	-.00023	.01133	-.00195

#2	.00192	.00331	-.00001	-.00035	.00193	-.00203	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25106	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1436436	--	--	--	--	--	--
#1	25080	--	--	--	--	--	--
#2	25131	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/11/12 11:00:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4580	.48309	.48609	.49100	.47278	.48469	.47993
SDev	.0042	.00334	.00396	.00036	.00027	.00010	.00030
%RSD	.17282	.69086	.81471	.07264	.05744	.02110	.06322
#1	2.4550	.48073	.48889	.49075	.47298	.48476	.48015
#2	2.4610	.48545	.48329	.49125	.47259	.48461	.47972

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.962	.46935	.46715	.48615	2.4427	.46731	.47084
SDev	.008	.00062	.00011	.00049	.0041	.00070	.00057
%RSD	.06658	.13140	.02311	.09992	.16773	.15013	.12166
#1	11.968	.46978	.46707	.48581	2.4456	.46681	.47125
#2	11.957	.46891	.46722	.48649	2.4398	.46780	.47044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48396	4.7043	.46809	.48631	.49898	11.918	.89970
SDev	.00197	.0001	.00012	.00328	.00080	.029	.00104
%RSD	.40693	.00211	.02534	.67516	.16069	.24039	.11595
#1	.48535	4.7043	.46817	.48399	.49954	11.898	.89896
#2	.48257	4.7042	.46801	.48863	.49841	11.938	.90043

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23977	12.447	11.935	.24556	.49472	.47545	.49041
SDev	.00027	.043	.013	.00022	.00078	.00013	.00015
%RSD	.11169	.34400	.10538	.08849	.15817	.02733	.03054
#1	.23958	12.417	11.926	.24541	.49416	.47536	.49031
#2	.23996	12.478	11.944	.24572	.49527	.47554	.49052

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48002	.48693	.45580	.47837	.47570	.48815
SDev	.00064	.00009	.00044	.00064	.00220	.00405

%RSD	.13231	.01828	.09689	.13346	.46298	.83074
#1	.47957	.48687	.45611	.47882	.47414	.49102
#2	.48047	.48699	.45549	.47792	.47726	.48528

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25226	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0196220	--	--	--	--	--	--
#1	25222	--	--	--	--	--	--
#2	25229	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/11/12 11:04:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04124	.00363	.00125	.00038	-.00010	.00282	.00035
SDev	.00266	.00023	.00040	.00010	.00006	.00003	.00008

%RSD	6.4475	6.2313	31.974	26.103	61.491	1.1253	22.195
#1	.03936	.00379	.00153	.00031	-.00014	.00280	.00030
#2	.04312	.00347	.00097	.00045	-.00005	.00284	.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01037	.00089	.00041	-.00017	.01657	-.00028	.00009
SDev	.00323	.00012	.00016	.00013	.01127	.00005	.00069
%RSD	31.175	13.399	38.829	74.340	67.992	18.741	793.71
#1	.00808	.00080	.00029	-.00026	.00860	-.00032	-.00040
#2	.01265	.00097	.00052	-.00008	.02454	-.00025	.00058

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	-.01373	.00034	.00161	.00090	-.14823	-.00177
SDev	.00084	.00220	.00008	.00045	.00066	.00656	.00059
%RSD	137.75	16.047	23.666	27.827	73.196	4.4233	33.492
#1	.00120	-.01528	.00028	.00193	.00043	-.15287	-.00219
#2	.00002	-.01217	.00039	.00130	.00137	-.14359	-.00135

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.11110	.00271	.00018	.00322	-.00000	.00058
SDev	.00020	.13730	.00262	.00006	.00074	.00149	.00007
%RSD	46.206	123.57	96.446	33.581	22.856	48984.	12.573
#1	.00029	.01402	.00086	.00014	.00374	.00105	.00053
#2	.00057	.20819	.00456	.00023	.00270	-.00106	.00063

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.00017	.00075	-.00025	.00358	-.00088
SDev	.00008	.00011	.00228	.00010	.00014	.00119
%RSD	9.4880	60.214	302.49	40.457	3.8504	135.12
#1	.00081	.00010	-.00086	-.00018	.00367	-.00004
#2	.00093	.00025	.00237	-.00032	.00348	-.00172

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25438	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.1084115	--	--	--	--	--	--
#1	25457	--	--	--	--	--	--
#2	25418	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48422-a-8-c Operator: SRP
Run Time: 01/11/12 11:08:35
Comment: TRACE 61E

Analysis Report 01/11/12 11:12:22 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04135	.00236	.00083	.07581	-.00038	.01427	.00023
SDev	.00097	.00066	.00162	.00018	.00006	.00044	.00003
%RSD	2.3387	27.849	194.35	.24020	15.665	3.1192	12.280
#1	.04066	.00282	.00198	.07594	-.00043	.01458	.00025
#2	.04203	.00189	-.00031	.07568	-.00034	.01395	.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.942	.00030	.00051	.00088	.01538	-.00023	.00001
SDev	.222	.00005	.00032	.00013	.00977	.00005	.00032
%RSD	.28852	15.778	62.956	15.129	63.543	21.070	5192.3
#1	77.099	.00034	.00028	.00098	.00847	-.00027	.00024
#2	76.785	.00027	.00074	.00079	.02229	-.00020	-.00022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.46661	.03835	.00050	.01009	.26412	2.1240
SDev	.00196	.00076	.00009	.00034	.00051	.00242	.0082
%RSD	197.50	.16231	.24421	67.998	5.0729	.91465	.38671
#1	.00238	.46608	.03841	.00075	.00972	.26241	2.1298
#2	-.00039	.46715	.03828	.00026	.01045	.26583	2.1182

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	174.08	135.16	.14437	.00590	.00105	-.00003
SDev	.00009	.76	.52	.00043	.00175	.00065	.00002
%RSD	38.860	.43567	.38728	.29904	29.622	61.694	83.171
#1	.00016	174.62	135.53	.14467	.00713	.00059	-.00001

#2	.00028	173.55	134.79	.14406	.00466	.00151	-.00004

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.00418	.00071	-.00034	.00839	-.00271
SDev	.00009	.00030	.00075	.00086	.00324	.00132
%RSD	5.7792	7.1694	105.50	249.81	38.657	48.683
#1	.00168	.00397	.00018	.00026	.01069	-.00178
#2	.00154	.00439	.00124	-.00095	.00610	-.00364

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25174	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1741504	--	--	--	--	--	--
#1	25143	--	--	--	--	--	--
#2	25205	--	--	--	--	--	--

Analysis Report 01/11/12 11:12:22 AM page 15

Analysis Report 01/11/12 11:19:20 AM page 1

Method: 20076010 Sample Name: 600-48422-a-9-c Operator: SRP
Run Time: 01/11/12 11:15:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04203	.00250	.00109	.04837	-.00040	.00911	.00014
SDev	.00005	.00001	.00145	.00006	.00002	.00075	.00008
%RSD	.12340	.35002	132.54	.12572	4.0646	8.1850	58.061
#1	.04207	.00251	.00211	.04842	-.00041	.00964	.00008
#2	.04200	.00249	.00007	.04833	-.00039	.00858	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.170	.00059	.00022	-.00043	.01702	-.00023	-.00029
SDev	.192	.00012	.00000	.00029	.00563	.00001	.00031
%RSD	.24247	20.348	.84408	67.357	33.064	3.5203	106.33
#1	79.306	.00068	.00022	-.00022	.01304	-.00023	-.00007
#2	79.034	.00051	.00023	-.00063	.02099	-.00024	-.00051

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.70134	.05778	-.00002	.00143	-.03468	.79718
SDev	.00021	.00171	.00014	.00097	.00078	.00672	.00063
%RSD	13.198	.24375	.24368	5056.0	54.181	19.385	.07917
#1	.00174	.70255	.05788	.00067	.00088	-.02993	.79763
#2	.00144	.70014	.05768	-.00070	.00198	-.03944	.79674

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00008	168.50	131.48	.06846	.00068	.00003	-.00010
SDev	.00006	.19	.11	.00014	.00002	.00063	.00013
%RSD	73.386	.11199	.08431	.20418	3.4440	2062.8	130.80
#1	.00004	168.63	131.56	.06856	.00066	-.00041	-.00001
#2	.00012	168.37	131.40	.06836	.00069	.00048	-.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00192	.00373	.00074	-.00080	.00467	.00004
SDev	.00001	.00002	.00086	.00089	.00044	.00053
%RSD	.66257	.63194	116.39	110.95	9.4451	1202.8
#1	.00193	.00371	.00013	-.00017	.00436	.00042
#2	.00191	.00375	.00134	-.00143	.00499	-.00033

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25110	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1971226	--	--	--	--	--	--

#1	25075	--	--	--	--	--	--
#2	25145	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-69452/1-a Operator: SRP
Run Time: 01/11/12 11:19:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03700	.00295	-.00203	.01720	-.00040	.00115	.00026
SDev	.00128	.00102	.00005	.00007	.00001	.00051	.00008
%RSD	3.4554	34.636	2.3824	.41340	3.3190	44.351	30.162
#1	.03791	.00368	-.00206	.01725	-.00039	.00079	.00031
#2	.03610	.00223	-.00200	.01715	-.00041	.00152	.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02036	.00057	.00018	.00295	.02187	-.00059	.00027
SDev	.01443	.00000	.00024	.00034	.00518	.00000	.00005
%RSD	70.907	.08805	130.37	11.704	23.676	.42335	19.347
#1	.01015	.00057	.00035	.00319	.01821	-.00058	.00023
#2	.03056	.00057	.00001	.00270	.02553	-.00059	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.02780	.00038	.00014	.00066	-.17969	-.00070
SDev	.00055	.00091	.00008	.00034	.00093	.01404	.00077
%RSD	529.74	3.2656	21.319	241.68	140.85	7.8116	109.61
#1	.00049	-.02715	.00043	.00038	.00132	-.16977	-.00016
#2	-.00028	-.02844	.00032	-.00010	.00000	-.18962	-.00125

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.08372	.02416	.00024	.00250	-.00090	.00026
SDev	.00011	.01641	.02429	.00002	.00376	.00272	.00009
%RSD	34.704	19.605	100.52	9.7215	150.33	303.16	33.079
#1	.00025	.07212	.00699	.00023	.00516	.00103	.00032
#2	.00041	.09533	.04134	.00026	-.00016	-.00282	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00438	.00081	-.00000	.00512	-.00240
SDev	.00035	.00022	.00126	.00055	.00142	.00153
%RSD	80.954	4.9929	155.42	14280.	27.732	63.768
#1	.00068	.00454	-.00008	.00039	.00412	-.00132
#2	.00018	.00423	.00170	-.00040	.00612	-.00349

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25426	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1251443	--	--	--	--	--	--
#1	25404	--	--	--	--	--	--
#2	25449	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69452/2-a Operator: SRP
Run Time: 01/11/12 11:23:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4701	.93902	.95288	.97933	.46017	.95346	.47208
SDev	.0535	.00241	.00499	.00361	.00154	.00222	.00175
%RSD	.56521	.25655	.52330	.36816	.33510	.23303	.37123
#1	9.5080	.94072	.95641	.98188	.46126	.95504	.47332
#2	9.4323	.93731	.94936	.97678	.45908	.95189	.47084

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4313	.91453	.91421	.95270	9.5717	.45116	.92609
SDev	.0340	.00359	.00444	.00432	.0368	.00207	.00426
%RSD	.36094	.39223	.48584	.45327	.38482	.45909	.46047
#1	9.4554	.91707	.91735	.95575	9.5978	.45263	.92911
#2	9.4072	.91199	.91107	.94964	9.5457	.44970	.92308

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95513	9.2269	.92085	.95394	.98712	9.4025	.86551
SDev	.00774	.0446	.00353	.00428	.00703	.0503	.00427
%RSD	.80994	.48367	.38385	.44813	.71230	.53472	.49306

#1	.96060	9.2584	.92335	.95696	.99209	9.4380	.86853
#2	.94965	9.1953	.91835	.95091	.98215	9.3669	.86249

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47629	9.3504	9.4591	.48246	.97497	.91447	.95093
SDev	.00292	.0815	.0423	.00171	.00041	.00891	.00440
%RSD	.61358	.87139	.44725	.35536	.04184	.97482	.46294
#1	.47835	9.4080	9.4890	.48367	.97526	.92077	.95405
#2	.47422	9.2927	9.4291	.48125	.97468	.90817	.94782

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93666	.95478	.88944	.94442	.91279	.97629
SDev	.00422	.00354	.00292	.00494	.00537	.00892
%RSD	.45049	.37056	.32850	.52262	.58814	.91362
#1	.93965	.95729	.89150	.94791	.91659	.98260

#2	.93368	.95228	.88737	.94093	.90900	.96999

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25562	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1632115	--	--	--	--	--	--
#1	25532	--	--	--	--	--	--
#2	25591	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-1-a Operator: SRP
Run Time: 01/11/12 11:27:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08443	.00144	.00182	.01718	-.00042	.02362	.00027
SDev	.00086	.00091	.00013	.00002	.00001	.00131	.00005
%RSD	1.0217	62.871	7.2496	.11042	1.6448	5.5467	17.531
#1	.08504	.00208	.00191	.01719	-.00042	.02455	.00031
#2	.08382	.00080	.00173	.01716	-.00043	.02269	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.323	.00125	.00046	.00217	.02911	.00205	.00019
SDev	.023	.00007	.00016	.00035	.00138	.00002	.00009
%RSD	.03653	5.7987	34.314	16.133	4.7458	.89749	43.957
#1	64.340	.00120	.00058	.00241	.02813	.00204	.00013
#2	64.307	.00130	.00035	.00192	.03009	.00206	.00025

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	-.01370	.00122	.00339	.00297	2.7210	.13315

SDev	.00036	.00068	.00000	.00106	.00006	.0026	.00178
%RSD	15.447	4.9438	.17901	31.256	2.0716	.09416	1.3339
#1	.00208	-.01418	.00121	.00414	.00293	2.7228	.13441
#2	.00259	-.01322	.00122	.00264	.00302	2.7192	.13190

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	10.914	10.381	.06173	.00478	.00053	.00053
SDev	.00003	.006	.009	.00006	.00319	.00169	.00001
%RSD	7.1201	.05380	.08893	.09231	66.813	316.45	2.3020
#1	.00037	10.910	10.387	.06177	.00704	-.00066	.00054
#2	.00041	10.919	10.374	.06169	.00252	.00173	.00052

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00125	.00530	.00127	-.00034	.00894	-.00097

SDev	.00009	.00022	.00042	.00034	.00356	.00232
%RSD	7.5370	4.1255	32.791	97.658	39.756	238.91
#1	.00132	.00545	.00157	-.00058	.01146	-.00261
#2	.00119	.00514	.00098	-.00011	.00643	.00067

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25520	--	--	--	--	--	--
SDev	45.25483	--	--	--	--	--	--
%RSD	.1773309	--	--	--	--	--	--
#1	25552	--	--	--	--	--	--
#2	25488	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-3-a Operator: SRP
Run Time: 01/11/12 11:30:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12903	.00074	.00198	.04992	-.00052	.00539	.00015
SDev	.00176	.00240	.00009	.00015	.00001	.00007	.00009
%RSD	1.3619	324.13	4.3793	.29654	1.6475	1.3953	62.189
#1	.13027	-.00096	.00192	.05002	-.00051	.00544	.00021
#2	.12779	.00243	.00204	.04982	-.00052	.00533	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.693	.00159	.00035	.00336	.02151	.02681	.00018
SDev	.052	.00026	.00000	.00012	.00654	.00009	.00058
%RSD	.09916	16.323	.09396	3.5247	30.411	.34385	317.06
#1	52.730	.00178	.00035	.00345	.02613	.02687	.00059
#2	52.656	.00141	.00035	.00328	.01688	.02674	-.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00301	-.01425	.00116	.00327	.00187	162.91	.39108
SDev	.00114	.00060	.00003	.00048	.00059	.44	.00121
%RSD	38.033	4.1847	2.2422	14.620	31.662	.26856	.30868
#1	.00220	-.01467	.00118	.00361	.00145	163.22	.39193
#2	.00382	-.01383	.00115	.00293	.00228	162.60	.39022

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	22.120	22.720	.14844	.00198	-.00104	.00010
SDev	.00031	.126	.081	.00035	.00102	.00196	.00005
%RSD	116.47	.57009	.35791	.23603	51.593	187.89	52.474
#1	.00005	22.210	22.778	.14868	.00270	-.00243	.00014
#2	.00049	22.031	22.663	.14819	.00126	.00034	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.00624	.00154	-.00050	.00854	.00025
SDev	.00009	.00013	.00020	.00077	.00029	.00157
%RSD	7.9986	2.0046	12.757	155.52	3.3587	637.87
#1	.00120	.00615	.00168	.00005	.00833	-.00087
#2	.00107	.00633	.00140	-.00104	.00874	.00136

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25409	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0389606	--	--	--	--	--	--
#1	25416	--	--	--	--	--	--
#2	25402	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-5-a Operator: SRP
Run Time: 01/11/12 11:34:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08501	.00168	.00005	.05026	-.00054	.00570	.00001
SDev	.00432	.00020	.00058	.00004	.00000	.00006	.00016
%RSD	5.0799	11.655	1136.8	.08705	.82992	1.0212	1368.1
#1	.08196	.00154	-.00036	.05029	-.00054	.00574	.00012
#2	.08806	.00182	.00046	.05023	-.00054	.00566	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.085	.00101	-.00025	.00208	.00830	.02196	.00052
SDev	.210	.00038	.00028	.00001	.00640	.00005	.00109
%RSD	.27215	37.911	115.08	.30570	77.091	.22489	210.15
#1	77.234	.00074	-.00005	.00208	.01282	.02200	-.00025
#2	76.937	.00128	-.00045	.00208	.00378	.02193	.00129

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	-.01307	.00079	.00264	.00137	175.07	.17614
SDev	.00048	.00031	.00002	.00025	.00003	.13	.00079
%RSD	39.273	2.3655	3.0443	9.3298	2.1697	.07678	.44951
#1	.00155	-.01328	.00081	.00282	.00139	175.17	.17670
#2	.00088	-.01285	.00077	.00247	.00135	174.98	.17558

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	25.454	26.189	.22766	.00348	.00058	-.00002
SDev	.00017	.107	.069	.00019	.00090	.00061	.00010

%RSD	4899.7	.42230	.26239	.08350	25.913	106.06	631.66
#1	.00013	25.530	26.237	.22779	.00412	.00014	.00006
#2	-.00012	25.378	26.140	.22753	.00284	.00101	-.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00463	.00438	.00043	.00057	.00483	-.00060
SDev	.00001	.00020	.00065	.00196	.00028	.00057
%RSD	.25036	4.5196	150.97	346.97	5.8973	95.516
#1	.00462	.00424	.00089	-.00082	.00504	-.00019
#2	.00464	.00452	-.00003	.00195	.00463	-.00100

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25310	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.3157038	--	--	--	--	--	--
#1	25366	--	--	--	--	--	--
#2	25253	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48311-a-7-a Operator: SRP
Run Time: 01/11/12 11:38:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12883	.00294	.00068	.09567	-.00062	.01309	.00014
SDev	.00921	.00040	.00340	.00228	.00008	.00055	.00004
%RSD	7.1500	13.778	496.72	2.3785	13.077	4.2294	28.925
#1	.12231	.00265	.00309	.09406	-.00056	.01270	.00011
#2	.13534	.00323	-.00172	.09728	-.00068	.01348	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	121.35	.00118	.00052	.00332	.03666	.04518	.00156
SDev	3.33	.00003	.00002	.00014	.00040	.00111	.00157
%RSD	2.7431	2.5682	4.0597	4.3526	1.0906	2.4548	101.11

#1	118.99	.00116	.00050	.00322	.03694	.04439	.00044
#2	123.70	.00120	.00053	.00342	.03638	.04596	.00267

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	.00975	.00312	.00430	.00153	229.04	.29266
SDev	.00211	.01402	.00007	.00019	.00027	5.53	.01009
%RSD	105.04	143.83	2.1250	4.5004	17.871	2.4160	3.4476
#1	.00052	-.00017	.00308	.00444	.00172	225.13	.28552
#2	.00350	.01966	.00317	.00417	.00133	232.95	.29979

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	36.739	37.882	.30230	.00276	.00020	-.00016
SDev	.00016	.727	.761	.00754	.00152	.00037	.00001
%RSD	64.532	1.9777	2.0100	2.4946	54.974	185.80	6.3468
#1	.00036	36.226	37.344	.29696	.00169	.00046	-.00015
#2	.00014	37.253	38.421	.30763	.00383	-.00006	-.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	.00582	.00449	.00009	.00676	-.00037
SDev	.00012	.00029	.00281	.00096	.00076	.00354
%RSD	9.8717	5.0015	62.531	1053.4	11.163	961.04
#1	.00110	.00562	.00250	-.00059	.00730	-.00287
#2	.00126	.00603	.00647	.00077	.00623	.00214

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24454	--	--	--	--	--	--
SDev	733.2697	--	--	--	--	--	--
%RSD	2.998629	--	--	--	--	--	--
#1	24972	--	--	--	--	--	--
#2	23935	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48316-b-1-a Operator: SRP
Run Time: 01/11/12 11:42:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06914	.00056	.01128	.02197	-.00063	.38653	.00006
SDev	.00114	.00042	.00133	.00001	.00000	.00062	.00012
%RSD	1.6560	75.655	11.759	.03663	.67108	.15971	204.37
#1	.06833	.00026	.01035	.02197	-.00063	.38609	.00015
#2	.06995	.00085	.01222	.02198	-.00062	.38696	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.067	.00067	-.00061	.00246	.47738	.21061	-.00007
SDev	.092	.00022	.00017	.00010	.01311	.00037	.00029

%RSD	.11386	32.743	27.363	4.1599	2.7470	.17637	421.14
#1	81.132	.00052	-.00072	.00254	.46811	.21087	-.00028
#2	81.002	.00083	-.00049	.00239	.48665	.21035	.00014

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02403	133.99	.00748	.00348	.00166	29.233	22.635
SDev	.00052	.18	.00005	.00040	.00001	.068	.030
%RSD	2.1803	.13132	.63119	11.609	.59670	.23183	.13424

#1	.02440	134.12	.00745	.00319	.00165	29.281	22.657
#2	.02366	133.87	.00752	.00376	.00167	29.185	22.614

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	180.56	142.54	8.1808	.00438	-.00004	-.00007
SDev	.00021	.45	.28	.0154	.00076	.00059	.00000
%RSD	125.13	.25198	.19601	.18789	17.314	1440.8	4.9737
#1	.00002	180.88	142.74	8.1917	.00384	.00037	-.00007
#2	.00031	180.24	142.35	8.1699	.00491	-.00045	-.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04811	.00631	.00134	-.00077	.02711	.02249
SDev	.00013	.00057	.00026	.00031	.00112	.00022
%RSD	.27074	9.0915	19.055	40.091	4.1444	.99651
#1	.04801	.00591	.00116	-.00099	.02790	.02265
#2	.04820	.00672	.00152	-.00055	.02631	.02233

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24596	--	--	--	--	--	--
SDev	26.87006	--	--	--	--	--	--
%RSD	.1092456	--	--	--	--	--	--
#1	24577	--	--	--	--	--	--
#2	24615	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48316-b-1-b du Operator: SRP
Run Time: 01/11/12 11:46:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06974	.00029	.01190	.02351	-.00066	.38724	.00001
SDev	.00059	.00052	.00129	.00006	.00000	.00192	.00002
%RSD	.84908	182.58	10.867	.26611	.24364	.49456	134.72
#1	.07015	-.00008	.01282	.02355	-.00066	.38860	.00003
#2	.06932	.00066	.01099	.02346	-.00066	.38589	.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	81.283	.00083	-.00043	.00517	.47999	.21082	-.00018
SDev	.230	.00005	.00000	.00003	.01218	.00038	.00062
%RSD	.28341	5.9464	.12958	.52257	2.5381	.18174	348.78
#1	81.446	.00086	-.00043	.00515	.48861	.21109	-.00062
#2	81.120	.00079	-.00043	.00519	.47138	.21055	.00026

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 01/11/12 11:50:10 AM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02521	134.31	.00790	.00340	.00174	29.215	22.727
SDev	.00117	.39	.00000	.00023	.00003	.052	.047
%RSD	4.6203	.28756	.04719	6.8234	1.7550	.17762	.20527
#1	.02439	134.58	.00790	.00323	.00177	29.252	22.760
#2	.02604	134.04	.00790	.00356	.00172	29.178	22.694

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	181.54	142.89	8.1627	.00109	.00055	-.00005
SDev	.00012	.34	.14	.0165	.00090	.00092	.00012
%RSD	24.627	.18750	.09670	.20218	82.608	167.24	214.56
#1	.00056	181.79	142.99	8.1744	.00045	-.00010	.00003
#2	.00039	181.30	142.80	8.1511	.00173	.00120	-.00014

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04796	.00582	.00283	-.00168	.03164	.02200
SDev	.00019	.00008	.00036	.00111	.00410	.00030
%RSD	.40214	1.3503	12.692	66.214	12.952	1.3684
#1	.04810	.00577	.00308	-.00247	.02874	.02222
#2	.04783	.00588	.00258	-.00089	.03453	.02179

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24604	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0344874	--	--	--	--	--	--
#1	24598	--	--	--	--	--	--
#2	24610	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/11/12 11:50:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4623	.48582	.48781	.49409	.46396	.48625	.48219
SDev	.0027	.00050	.00385	.00001	.00046	.00035	.00005
%RSD	.10876	.10286	.78951	.00172	.09830	.07178	.01050
#1	2.4642	.48617	.48509	.49409	.46428	.48601	.48215
#2	2.4604	.48547	.49054	.49410	.46364	.48650	.48222

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.902	.46182	.45900	.48118	2.4428	.46927	.46956
SDev	.023	.00068	.00052	.00042	.0078	.00035	.00069
%RSD	.19479	.14684	.11299	.08790	.31936	.07421	.14763

Analysis Report Blank Sample 01/11/12 11:54:01 AM page 11

#1	11.919	.46230	.45936	.48148	2.4373	.46951	.47005
#2	11.886	.46134	.45863	.48088	2.4483	.46902	.46907

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48407	4.6659	.46416	.48538	.50258	11.964	.90317
SDev	.00197	.0087	.00055	.00094	.00080	.002	.00768
%RSD	.40670	.18576	.11735	.19396	.15890	.01868	.85024
#1	.48546	4.6720	.46455	.48472	.50314	11.966	.90860
#2	.48268	4.6597	.46378	.48605	.50201	11.963	.89774

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23812	12.376	11.997	.24645	.49845	.46837	.48890
SDev	.00003	.008	.015	.00005	.00294	.00071	.00010
%RSD	.01092	.06403	.12810	.01876	.58975	.15107	.02041
#1	.23810	12.382	12.008	.24648	.49637	.46887	.48897
#2	.23814	12.370	11.986	.24642	.50053	.46787	.48883

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47496	.48621	.44684	.48091	.46354	.49439
SDev	.00067	.00018	.00044	.00082	.00416	.00503
%RSD	.14162	.03723	.09872	.17034	.89792	1.0183
#1	.47543	.48634	.44715	.48149	.46060	.49795
#2	.47448	.48609	.44653	.48034	.46649	.49083

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25328	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0949212	--	--	--	--	--	--
#1	25345	--	--	--	--	--	--
#2	25311	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/11/12 11:54:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05690	.00139	.00014	.00032	-.00035	.00233	.00036
SDev	.00129	.00041	.00063	.00009	.00008	.00018	.00014
%RSD	2.2600	29.328	455.78	28.483	21.689	7.9560	38.227

#1	.05781	.00168	.00058	.00026	-.00041	.00246	.00026
#2	.05599	.00110	-.00031	.00038	-.00030	.00219	.00046

Analysis Report Blank Sample 01/11/12 11:57:52 AM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00576	.00059	-.00002	-.00098	-.00049	-.00048	-.00005
SDev	.00150	.00007	.00004	.00016	.00969	.00008	.00026
%RSD	26.029	12.259	187.95	16.629	1967.7	17.421	542.20
#1	.00470	.00054	.00001	-.00109	.00636	-.00054	.00013
#2	.00681	.00064	-.00005	-.00086	-.00734	-.00042	-.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	-.02894	.00028	.00126	.00025	-.22849	-.00426
SDev	.00152	.00170	.00005	.00068	.00013	.00470	.00044
%RSD	167.70	5.8766	19.042	53.685	50.154	2.0584	10.215
#1	-.00017	-.03015	.00025	.00174	.00016	-.23182	-.00395
#2	.00198	-.02774	.00032	.00078	.00034	-.22516	-.00457

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.03230	-.00263	.00017	.00078	-.00071	.00039
SDev	.00032	.03640	.00209	.00005	.00003	.00004	.00011
%RSD	218.76	112.71	79.659	27.321	3.2463	5.9480	27.115
#1	.00037	-.00656	-.00411	.00014	.00080	-.00074	.00032
#2	-.00008	-.05804	-.00115	.00021	.00077	-.00068	.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00018	.00148	-.00081	.00723	-.00225
SDev	.00026	.00008	.00032	.00022	.00235	.00346
%RSD	40.645	44.173	21.963	27.540	32.526	153.40
#1	.00045	.00012	.00170	-.00065	.00889	-.00470
#2	.00081	.00023	.00125	-.00097	.00556	.00019

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25265	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	.2183033	--	--	--	--	--	--
#1	25304	--	--	--	--	--	--
#2	25226	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48316-b-1-c ms Operator: SRP
Run Time: 01/11/12 11:57:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	10.239	.98943	1.0094	1.0270	.45486	1.4120	.46593
SDev	.046	.00251	.0036	.0030	.00128	.0036	.00145

%RSD	.45298	.25344	.35636	.29083	.28256	.25371	.31090
#1	10.272	.99120	1.0069	1.0291	.45577	1.4145	.46695
#2	10.207	.98766	1.0120	1.0249	.45395	1.4095	.46490

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.398	.89224	.88626	.97812	9.9140	.79818	.91736
SDev	.312	.00291	.00327	.00284	.0348	.00250	.00113
%RSD	.34173	.32632	.36887	.29039	.35116	.31362	.12354
#1	91.619	.89429	.88857	.98013	9.9387	.79995	.91816
#2	91.177	.89018	.88395	.97611	9.8894	.79641	.91656

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0181	145.23	.91780	.97039	.95818	42.465	24.039
SDev	.0027	.48	.00289	.00183	.00311	.163	.084
%RSD	.26208	.33050	.31467	.18807	.32470	.38286	.34795
#1	1.0199	145.57	.91984	.96910	.96038	42.580	24.099
#2	1.0162	144.89	.91575	.97168	.95598	42.351	23.980

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49374	200.95	156.78	8.9582	1.0081	.93768	.96741
SDev	.00260	.86	.55	.0336	.0022	.00305	.00251
%RSD	.52576	.42561	.35053	.37486	.21485	.32486	.25989
#1	.49558	201.55	157.16	8.9820	1.0066	.93552	.96918
#2	.49191	200.34	156.39	8.9345	1.0096	.93983	.96563

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99140	.96422	.86964	.94123	.97629	1.0389
SDev	.00358	.00410	.00350	.00005	.00739	.0003
%RSD	.36119	.42501	.40280	.00547	.75728	.02941
#1	.99394	.96712	.87212	.94119	.98152	1.0391
#2	.98887	.96132	.86716	.94126	.97106	1.0387

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24177	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1813319	--	--	--	--	--	--
#1	24146	--	--	--	--	--	--
#2	24208	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48316-b-1-d msd Operator: SRP
Run Time: 01/11/12 12:01:47
Comment: TRACE 61E

Analysis Report 01/11/12 12:05:34 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.246	.99125	1.0049	1.0244	.45454	1.4083	.46581
SDev	.083	.00279	.0079	.0086	.00337	.0093	.00330
%RSD	.81173	.28190	.78148	.83630	.74189	.65937	.70883
#1	10.188	.98927	.99933	1.0184	.45215	1.4017	.46347
#2	10.305	.99323	1.0104	1.0305	.45692	1.4148	.46814

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.527	.89023	.88406	.97402	9.9124	.79532	.91417
SDev	.605	.00586	.00592	.00711	.0707	.00648	.00677
%RSD	.66858	.65864	.67017	.72977	.71280	.81528	.74108
#1	90.099	.88609	.87987	.96899	9.8624	.79074	.90937
#2	90.955	.89438	.88825	.97904	9.9623	.79990	.91896

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0187	143.73	.91604	.97041	.94357	42.137	23.854
SDev	.0099	1.00	.00657	.00949	.00881	.366	.167
%RSD	.96798	.69463	.71712	.97810	.93423	.86881	.70002
#1	1.0117	143.03	.91139	.96369	.93734	41.878	23.736
#2	1.0257	144.44	.92068	.97712	.94981	42.396	23.972

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49252	198.62	155.33	8.8654	1.0143	.94050	.96950
SDev	.00354	1.38	1.13	.0741	.0122	.00688	.00676
%RSD	.71901	.69348	.72991	.83563	1.2071	.73150	.69720
#1	.49002	197.65	154.53	8.8130	1.0056	.93563	.96472
#2	.49503	199.59	156.13	8.9178	1.0229	.94536	.97428

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98918	.96161	.86789	.93730	.97755	1.0393
SDev	.00644	.00672	.00591	.00721	.01404	.0078
%RSD	.65066	.69858	.68107	.76887	1.4365	.74762
#1	.98463	.95686	.86371	.93221	.96762	1.0338
#2	.99373	.96636	.87207	.94240	.98748	1.0448

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24346	--	--	--	--	--	--
SDev	157.6848	--	--	--	--	--	--
%RSD	.6476693	--	--	--	--	--	--
#1	24458	--	--	--	--	--	--
#2	24235	--	--	--	--	--	--

Analysis Report 01/11/12 12:05:34 PM page 15

Method: 20076010 Sample Name: 600-48316-b-1-a Operator: SRP
Run Time: 01/11/12 12:05:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06056	.00384	.00211	.00247	-.00061	.04170	.00025
SDev	.00127	.00171	.00099	.00005	.00002	.00083	.00002
%RSD	2.0924	44.533	47.045	2.1827	3.4257	1.9870	9.1650
#1	.06146	.00263	.00282	.00243	-.00062	.04228	.00023
#2	.05967	.00506	.00141	.00250	-.00059	.04111	.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.3963	.00078	.00017	-.00073	.08716	.01705	.00012
SDev	.0149	.00005	.00016	.00022	.00849	.00002	.00082
%RSD	.17694	6.2335	94.240	30.308	9.7391	.14035	707.51
#1	8.4068	.00081	.00028	-.00057	.09316	.01704	-.00046
#2	8.3858	.00074	.00006	-.00089	.08115	.01707	.00069

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00363	13.316	.00092	.00272	.00131	2.1432	2.2001
SDev	.00195	.034	.00003	.00097	.00006	.0018	.0036
%RSD	53.736	.25294	2.8361	35.716	4.5757	.08485	.16377
#1	.00225	13.340	.00091	.00341	.00127	2.1419	2.2026
#2	.00501	13.293	.00094	.00203	.00135	2.1444	2.1975

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	14.881	13.884	.74748	.00269	-.00141	.00026
SDev	.00037	.036	.052	.00114	.00219	.00039	.00008
%RSD	80.091	.24441	.37518	.15240	81.545	27.458	30.110
#1	.00073	14.855	13.847	.74667	.00424	-.00114	.00031
#2	.00020	14.906	13.921	.74828	.00114	-.00169	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00535	.00305	.00064	-.00015	.00700	.00195
SDev	.00010	.00046	.00102	.00071	.00411	.00087
%RSD	1.9135	15.068	159.21	479.71	58.768	44.706
#1	.00542	.00273	-.00008	-.00065	.00409	.00133
#2	.00527	.00338	.00137	.00036	.00990	.00257

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25121	--	--	--	--	--	--

SDev	26.87006	--	--	--	--	--	--
%RSD	.1069625	--	--	--	--	--	--
#1	25102	--	--	--	--	--	--
#2	25140	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48316-b-1-b du Operator: SRP
Run Time: 01/11/12 12:09:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05919	.00244	.00210	.00251	-.00065	.04034	-.00003
SDev	.00089	.00135	.00135	.00008	.00001	.00079	.00009
%RSD	1.4968	55.320	64.008	3.1246	.95961	1.9612	260.29
#1	.05856	.00149	.00115	.00245	-.00065	.04090	-.00010
#2	.05981	.00339	.00306	.00256	-.00064	.03978	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.3631	.00042	-.00002	-.00085	.08992	.01705	-.00016
SDev	.0174	.00007	.00012	.00002	.00475	.00007	.00009
%RSD	.20792	17.020	531.35	2.7652	5.2776	.38477	58.874
#1	8.3508	.00037	-.00011	-.00083	.08656	.01701	-.00009
#2	8.3754	.00047	.00006	-.00086	.09327	.01710	-.00022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00456	13.294	.00086	.00088	.00082	2.1306	2.1969
SDev	.00204	.021	.00000	.00071	.00057	.0028	.0063
%RSD	44.626	.16049	.14063	80.245	70.262	.13361	.28455
#1	.00601	13.279	.00086	.00138	.00123	2.1286	2.1925
#2	.00312	13.309	.00086	.00038	.00041	2.1327	2.2013

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	14.970	13.941	.75131	.00316	-.00062	.00017
SDev	.00006	.008	.014	.00172	.00162	.00175	.00010
%RSD	20.224	.05485	.10005	.22917	51.291	280.41	58.511
#1	.00033	14.976	13.932	.75009	.00430	-.00186	.00010
#2	.00024	14.964	13.951	.75253	.00201	.00061	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00511	.00286	.00190	-.00118	.01034	.00167
SDev	.00017	.00019	.00158	.00093	.00550	.00030
%RSD	3.4061	6.5180	82.830	78.125	53.171	18.238
#1	.00499	.00273	.00079	-.00053	.01423	.00189
#2	.00524	.00300	.00302	-.00184	.00646	.00146

Analysis Report 01/11/12 12:13:17 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25272	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1427001	--	--	--	--	--	--
#1	25297	--	--	--	--	--	--
#2	25246	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48316-b-1-c ms Operator: SRP
Run Time: 01/11/12 12:13:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0472	.10293	.10121	.10535	.04700	.14113	.04980
SDev	.0046	.00032	.00098	.00017	.00011	.00053	.00012
%RSD	.44072	.31379	.97004	.16092	.22688	.37364	.24396
#1	1.0504	.10316	.10190	.10547	.04708	.14075	.04988
#2	1.0439	.10271	.10052	.10523	.04693	.14150	.04971

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6920	.09518	.09429	.09738	1.0918	.06521	.09528
SDev	.0275	.00038	.00036	.00036	.0128	.00016	.00063
%RSD	.28333	.39974	.38385	.37452	1.1739	.24462	.66189
#1	9.7114	.09545	.09455	.09764	1.1009	.06532	.09573
#2	9.6726	.09491	.09404	.09712	1.0827	.06510	.09483

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10177	14.756	.09709	.10075	.10608	3.2671	2.4312
SDev	.00340	.045	.00022	.00019	.00017	.0114	.0086
%RSD	3.3447	.30200	.23017	.18883	.16150	.35000	.35360
#1	.09936	14.787	.09724	.10062	.10596	3.2751	2.4373
#2	.10418	14.724	.09693	.10088	.10620	3.2590	2.4251

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04948	16.438	15.477	.83002	.10471	.09647	.10004
SDev	.00043	.038	.054	.00112	.00293	.00118	.00004
%RSD	.86372	.22993	.34617	.13469	2.7933	1.2262	.04423
#1	.04978	16.465	15.515	.83081	.10678	.09730	.10007
#2	.04918	16.412	15.439	.82923	.10264	.09563	.10001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10264	.10452	.09070	.09757	.09698	.10416
SDev	.00035	.00004	.00071	.00130	.00284	.00368
%RSD	.34084	.04241	.77933	1.3317	2.9323	3.5367

#1	.10288	.10455	.09020	.09849	.09497	.10156
#2	.10239	.10449	.09120	.09665	.09899	.10677

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25356	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1756926	--	--	--	--	--	--
#1	25324	--	--	--	--	--	--
#2	25387	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48316-b-1-d msd Operator: SRP
Run Time: 01/11/12 12:17:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0478	.10173	.10103	.10506	.04649	.14001	.04949
SDev	.0034	.00101	.00166	.00012	.00008	.00006	.00009
%RSD	.32416	.99109	1.6452	.11207	.17924	.04088	.18286
#1	1.0502	.10102	.10221	.10515	.04655	.14005	.04955
#2	1.0454	.10244	.09986	.10498	.04643	.13997	.04942

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5108	.09403	.09359	.09720	1.0835	.06506	.09579
SDev	.0252	.00041	.00008	.00025	.0007	.00017	.00061
%RSD	.26545	.43449	.09028	.25694	.06467	.26667	.63387
#1	9.5286	.09432	.09365	.09738	1.0840	.06518	.09622
#2	9.4929	.09374	.09353	.09702	1.0830	.06494	.09537

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10111	14.491	.09628	.10094	.10554	3.2229	2.3981
SDev	.00113	.040	.00003	.00008	.00001	.0190	.0089
%RSD	1.1227	.27503	.03244	.07837	.01320	.58876	.37186
#1	.10191	14.519	.09630	.10089	.10553	3.2363	2.4044
#2	.10030	14.463	.09625	.10100	.10555	3.2094	2.3918

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04952	16.222	15.371	.82300	.10502	.09519	.09981
SDev	.00034	.110	.055	.00073	.00232	.00152	.00017
%RSD	.68443	.67836	.35503	.08837	2.2115	1.5984	.17302
#1	.04928	16.299	15.410	.82351	.10337	.09626	.09993
#2	.04976	16.144	15.332	.82249	.10666	.09411	.09968

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10153	.10235	.09203	.09767	.10214	.10059
SDev	.00017	.00075	.00181	.00001	.00034	.00153
%RSD	.16595	.73591	1.9656	.00646	.32945	1.5254
#1	.10141	.10289	.09331	.09768	.10238	.10167

#2	.10165	.10182	.09075	.09767	.10190	.09950	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25357	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0055772	--	--	--	--	--	--
#1	25356	--	--	--	--	--	--
#2	25358	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/11/12 12:21:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15354	.01326	.01045	.01045	.00389	.01180	.00509
SDev	.00330	.00004	.00024	.00014	.00003	.00049	.00027
%RSD	2.1519	.27592	2.3053	1.3433	.86203	4.1336	5.3135
#1	.15120	.01323	.01062	.01035	.00391	.01146	.00490
#2	.15587	.01328	.01028	.01055	.00387	.01215	.00528

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08483	.01006	.00883	.00851	.10140	.00820	.00942
SDev	.00050	.00043	.00006	.00055	.00626	.00002	.00023
%RSD	.59223	4.2402	.66029	6.4915	6.1773	.18874	2.4382
#1	.08448	.00976	.00879	.00812	.09697	.00821	.00959
#2	.08519	.01037	.00887	.00890	.10583	.00819	.00926

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00977	.05511	.00965	.00987	.01090	.31622	.00611
SDev	.00067	.00290	.00005	.00031	.00016	.00529	.00215
%RSD	6.8279	5.2526	.52002	3.1012	1.4776	1.6740	35.138
#1	.01024	.05306	.00961	.00965	.01079	.31247	.00459
#2	.00930	.05716	.00969	.01008	.01102	.31996	.00763

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00475	.55473	.54554	.00504	.01068	.00703	.01012
SDev	.00018	.02207	.00249	.00001	.00145	.00028	.00001
%RSD	3.7987	3.9783	.45700	.09848	13.552	4.0248	.06963

#1	.00462	.57033	.54730	.00504	.00965	.00683	.01012
#2	.00488	.53912	.54377	.00505	.01170	.00723	.01013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00982	.00989	.00839	.00994	.01335	.00797
SDev	.00055	.00008	.00133	.00101	.00049	.00125
%RSD	5.5517	.84476	15.906	10.176	3.6668	15.616

#1	.00944	.00983	.00744	.01066	.01301	.00885
#2	.01021	.00995	.00933	.00923	.01370	.00709

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25407	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.2449144	--	--	--	--	--	--
#1	25451	--	--	--	--	--	--
#2	25363	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/11/12 12:24:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	474.03	-.00020	-.00145	.00178	-.00098	-.00125	.00379
SDev	.20	.00007	.00116	.00003	.00001	.00005	.00041
%RSD	.04265	35.828	79.604	1.3980	1.1699	4.1542	10.791
#1	473.89	-.00026	-.00064	.00180	-.00097	-.00121	.00408
#2	474.17	-.00015	-.00227	.00176	-.00099	-.00129	.00350

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	420.05	.00149	.00021	.01097	180.46	.00397	.00883
SDev	.26	.00046	.00026	.00021	.03	.00002	.00057
%RSD	.06282	31.113	122.33	1.9396	.01641	.54593	6.4593
#1	419.87	.00116	.00039	.01082	180.48	.00399	.00843
#2	420.24	.00181	.00003	.01112	180.44	.00396	.00923

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01548	461.44	-.00674	.00037	.00158	-.15671	.00581
SDev	.00081	.40	.00005	.00012	.00135	.00596	.00045
%RSD	5.2175	.08608	.67037	33.187	84.920	3.8031	7.7256
#1	-.01491	461.16	-.00677	.00028	.00253	-.16093	.00613
#2	-.01606	461.73	-.00670	.00045	.00063	-.15250	.00549

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00001	.15035	.15567	-.00815	.00556	.00106	-.00221
SDev	.00009	.16030	.00138	.00001	.00442	.00316	.00003
%RSD	959.43	106.62	.88848	.08883	79.506	298.75	1.4787
#1	.00007	.26371	.15469	-.00814	.00869	.00329	-.00219
#2	-.00006	.03700	.15665	-.00815	.00243	-.00118	-.00224

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00426	.00096	-.09125	.05887	.00100	-.02373

SDev	.00046	.00019	.00368	.00270	.00737	.00247	
%RSD	10.860	20.109	4.0380	4.5828	738.08	10.427	
#1	.00394	.00082	-.08864	.05696	.00621	-.02548	
#2	.00459	.00109	-.09385	.06077	-.00421	-.02198	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23264	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.2583510	--	--	--	--	--	--
#1	23222	--	--	--	--	--	--
#2	23307	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/11/12 12:28:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	483.35	.99109	.98037	1.0219	.42865	1.0003	.45027
SDev	2.19	.00140	.00259	.0015	.00013	.0006	.00064
%RSD	.45225	.14085	.26373	.14527	.02997	.05921	.14270
#1	484.89	.99010	.98220	1.0230	.42874	1.0007	.45072
#2	481.80	.99208	.97854	1.0209	.42856	.99988	.44981

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	423.45	.85773	.82488	1.0283	187.66	1.2708	.88566
SDev	.64	.00043	.00103	.0031	.25	.0065	.00097
%RSD	.15089	.04990	.12469	.29737	.13142	.50758	.10952
#1	423.90	.85803	.82561	1.0304	187.84	1.2754	.88635
#2	423.00	.85742	.82415	1.0261	187.49	1.2663	.88498

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93813	467.02	.87036	.92604	.92002	14.273	.89320
SDev	.00644	.61	.00139	.00079	.00453	.075	.00111
%RSD	.68643	.13147	.15965	.08577	.49219	.52323	.12411
#1	.94268	467.45	.87134	.92547	.92322	14.326	.89398

#2	.93357	466.58	.86938	.92660	.91682	14.220	.89241

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50331	12.192	14.069	.49487	.95811	.88584	.94294
SDev	.00044	.100	.098	.00102	.00170	.00132	.00134
%RSD	.08751	.82026	.69905	.20624	.17729	.14858	.14246
#1	.50362	12.263	14.139	.49559	.95691	.88678	.94389
#2	.50300	12.122	14.000	.49415	.95931	.88491	.94199

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90347	.94063	.72918	.96390	.90462	.95488
SDev	.00127	.00056	.00052	.00171	.00863	.00535
%RSD	.14068	.05898	.07125	.17789	.95361	.55987
#1	.90437	.94102	.72881	.96512	.91072	.95866
#2	.90257	.94023	.72954	.96269	.89852	.95110

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23056	--	--	--	--	--	--
SDev	53.03301	--	--	--	--	--	--
%RSD	.2300232	--	--	--	--	--	--
#1	23093	--	--	--	--	--	--
#2	23018	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met1211ccv_00003 Operator: SRP
Run Time: 01/11/12 12:32:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6132	.48566	.48286	.50113	.45220	.48693	.47855
SDev	.0570	.00388	.00088	.00003	.00002	.00071	.00011
%RSD	2.1830	.79928	.18296	.00585	.00388	.14614	.02288
#1	2.5729	.48841	.48223	.50115	.45219	.48643	.47863
#2	2.6536	.48292	.48348	.50111	.45221	.48744	.47847

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.824	.45202	.44758	.47820	2.4748	.47799	.46311
SDev	.063	.00010	.00049	.00066	.0307	.00092	.00004
%RSD	.53129	.02126	.10844	.13823	1.2405	.19191	.00768
#1	11.779	.45209	.44724	.47867	2.4531	.47864	.46309
#2	11.868	.45195	.44793	.47773	2.4965	.47734	.46314

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48202	4.7101	.45726	.48227	.49770	12.196	.88804

SDev	.00236	.0572	.00003	.00110	.00109	.029	.00000
%RSD	.49028	1.2154	.00575	.22876	.21937	.23857	.00006
#1	.48035	4.6696	.45724	.48149	.49692	12.217	.88804
#2	.48369	4.7505	.45728	.48305	.49847	12.176	.88804

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23662	12.414	12.243	.25054	.50952	.45979	.48712
SDev	.00011	.081	.032	.00008	.00012	.00012	.00035
%RSD	.04628	.65216	.26310	.03256	.02410	.02625	.07224
#1	.23669	12.471	12.266	.25060	.50961	.45987	.48737
#2	.23654	12.357	12.220	.25048	.50943	.45970	.48687

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46834	.48313	.43608	.47663	.45176	.49721
SDev	.00021	.00065	.00244	.00117	.00022	.00344
%RSD	.04556	.13548	.55989	.24494	.04780	.69125
#1	.46819	.48267	.43436	.47745	.45161	.49478
#2	.46849	.48360	.43781	.47580	.45191	.49964

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25128	--	--	--	--	--	--
SDev	67.88225	--	--	--	--	--	--
%RSD	.2701459	--	--	--	--	--	--
#1	25176	--	--	--	--	--	--
#2	25080	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/11/12 12:36:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10651	.00213	-.00035	.00037	-.00053	.00296	.00027
SDev	.03936	.00002	.00053	.00011	.00010	.00042	.00023
%RSD	36.957	.69096	153.81	29.643	18.604	14.030	87.735
#1	.07868	.00214	-.00073	.00029	-.00060	.00326	.00010
#2	.13434	.00212	.00003	.00045	-.00046	.00267	.00043

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04476	.00052	.00011	-.00154	.02167	-.00053	.00021
SDev	.03956	.00003	.00019	.00029	.01127	.00007	.00091
%RSD	88.368	4.7427	181.27	18.797	52.008	12.553	437.91
#1	.01679	.00054	.00024	-.00174	.01370	-.00057	-.00044

#2	.07273	.00050	-.00003	-.00133	.02964	-.00048	.00085

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00305	.00738	.00037	.00168	.00057	-.27515	-.00617
SDev	.00007	.03645	.00008	.00023	.00005	.01253	.00067
%RSD	2.2242	494.20	20.735	13.612	8.0748	4.5556	10.866
#1	.00310	-.01840	.00032	.00184	.00060	-.26629	-.00569
#2	.00300	.03315	.00043	.00152	.00054	-.28402	-.00664

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.04158	-.00549	.00018	.00075	-.00110	.00036
SDev	.00000	.04649	.00010	.00006	.00111	.00022	.00004
%RSD	.54639	111.81	1.8359	31.746	148.03	19.847	10.223

#1	.00025	.07445	-.00556	.00014	.00154	-.00126	.00034
#2	.00025	.00870	-.00542	.00022	-.00004	-.00095	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00020	.00238	-.00088	.00782	.00066
SDev	.00009	.00019	.00094	.00090	.00298	.00159
%RSD	14.256	99.639	39.518	101.99	38.103	239.39
#1	.00069	.00006	.00172	-.00151	.00571	.00179
#2	.00056	.00033	.00305	-.00024	.00992	-.00046

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25638	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.3116527	--	--	--	--	--	--
#1	25582	--	--	--	--	--	--
#2	25695	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69725 Batch Start Date: 01/10/12 08:35 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00034	METHNO3 00024	METSPIKEA 00010
MB 600-69725/1		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	
LCS 600-69725/2		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48440-A-4	2012-RMSA-4(Recon GW)	3010A, 6010B	T	>2	10 mL	50 mL	2.5 mL	2.5 mL	
600-48440-A-8	Equipment Blank 3	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48440-A-8 DU	Equipment Blank 3	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48440-A-8 MS	Equipment Blank 3	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48440-A-8 MSD	Equipment Blank 3	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
MB 600-69725/1		3010A, 6010B							
LCS 600-69725/2		3010A, 6010B		250 uL					
600-48440-A-4	2012-RMSA-4(Recon GW)	3010A, 6010B	T						
600-48440-A-8	Equipment Blank 3	3010A, 6010B	T						
600-48440-A-8 DU	Equipment Blank 3	3010A, 6010B	T						
600-48440-A-8 MS	Equipment Blank 3	3010A, 6010B	T	250 uL					
600-48440-A-8 MSD	Equipment Blank 3	3010A, 6010B	T	250 uL					

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 04
Temperature	95
ID number of the thermometer	518

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69757 Batch Start Date: 01/10/12 13:17 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00035	METHNO3 00025	METSLCSS 00016
MB 600-69757/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-69757/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-48440-A-1	2012-RMSA-4(1.5-3.5')	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-48440-B-3	2012-RMSA-1(1.5-2.5')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48440-A-5	2012 CUFT-1(0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48440-A-5 DU	2012 CUFT-1(0-2')	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48440-A-5 MS	2012 CUFT-1(0-2')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48440-A-5 MSD	2012 CUFT-1(0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48440-A-6	2012 CUFT-2 (0-2')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
MB 600-69757/1		3050B, 6010B							
LCS 600-69757/2		3050B, 6010B							
600-48440-A-1	2012-RMSA-4(1.5-3.5')	3050B, 6010B	T						
600-48440-B-3	2012-RMSA-1(1.5-2.5')	3050B, 6010B	T						
600-48440-A-5	2012 CUFT-1(0-2')	3050B, 6010B	T						
600-48440-A-5 DU	2012 CUFT-1(0-2')	3050B, 6010B	T						
600-48440-A-5 MS	2012 CUFT-1(0-2')	3050B, 6010B	T	250 uL	250 uL				
600-48440-A-5 MSD	2012 CUFT-1(0-2')	3050B, 6010B	T	250 uL	250 uL				
600-48440-A-6	2012 CUFT-2 (0-2')	3050B, 6010B	T						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69757 Batch Start Date: 01/10/12 13:17 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-RMSA-4(1.5-3.5')	600-48440-1
2012-RMSA-4(1.5-3.5')	600-48440-1 DL
2012-RMSA-1(1.5-2.5')	600-48440-3
2012-RMSA-1(1.5-2.5')	600-48440-3 DL
2012 CUFT-1(0-2')	600-48440-5
2012 CUFT-1(0-2')	600-48440-5 DL
2012 CUFT-2 (0-2')	600-48440-6
2012 CUFT-2 (0-2')	600-48440-6 DL
Equipment Blank 3	600-48440-8

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - SOLUBLE

Client Sample ID: 2012-RMSA-4(1.5-3.5')DL
Lab Sample ID: 600-48440-1
Lab Name: TestAmerica Houston
Job No.: 600-48440-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/06/2012 09:25
Reporting Basis: DRY
Date Received: 01/07/2012 10:33
% Solids: 74.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1060	67.6	27.0	mg/Kg			10	9056

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - SOLUBLE

Client Sample ID: 2012-RMSA-1(1.5-2.5')DL
Lab Sample ID: 600-48440-3
Lab Name: TestAmerica Houston
Job No.: 600-48440-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/06/2012 11:16
Reporting Basis: DRY
Date Received: 01/07/2012 10:33
% Solids: 94.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1030	52.9	21.2	mg/Kg			10	9056

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - SOLUBLE

Client Sample ID: 2012 CUFT-1(0-2')DL
Lab Sample ID: 600-48440-5
Lab Name: TestAmerica Houston
Job No.: 600-48440-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/06/2012 13:56
Reporting Basis: DRY
Date Received: 01/07/2012 10:33
% Solids: 77.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	7370	129	51.7	mg/Kg			20	9056

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - SOLUBLE

Client Sample ID: 2012 CUFT-2 (0-2')DL
Lab Sample ID: 600-48440-6
Lab Name: TestAmerica Houston
Job No.: 600-48440-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/06/2012 14:12
Reporting Basis: DRY
Date Received: 01/07/2012 10:33
% Solids: 79.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	8190	126	50.4	mg/Kg			20	9056

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Equipment Blank 3 Lab Sample ID: 600-48440-8

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG ID.:

Matrix: Water Date Sampled: 01/06/2012 14:18

Reporting Basis: WET Date Received: 01/07/2012 10:33

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1.26	0.500	0.200	mg/L			1	300.0

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Analyst: SUP Batch Start Date: 01/12/2012

Reporting Units: mg/L Analytical Batch No.: 69984

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	ICV	11:20	Sulfate	21.04	20.0	105	90-110		ICV/LCS_00009
3	ICB	11:38	Sulfate	0.175				U	
14	CCV	14:55	Sulfate	20.40	20.0	102	90-110		CCV_00005
15	CCB	15:13	Sulfate	0.175				U	
26	CCV	18:30	Sulfate	20.67	20.0	103	90-110		CCV_00005
27	CCB	18:48	Sulfate	0.175				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Analyst: SUP Batch Start Date: 01/10/2012

Reporting Units: mg/L Analytical Batch No.: 69816

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	ICV	11:50	Sulfate	20.69	20.0	103	90-110		ICV/LCS_00009
3	ICB	12:08	Sulfate	0.175				U	
14	CCV	15:25	Sulfate	20.37	20.0	102	90-110		CCV_00005
15	CCB	15:43	Sulfate	0.175				U	
22	CCV	18:13	Sulfate	20.30	20.0	102	90-110		CCV_00005
23	CCB	18:31	Sulfate	0.175				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Analyst: SUP Batch Start Date: 01/11/2012

Reporting Units: mg/L Analytical Batch No.: 69903

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	ICV	13:06	Sulfate	20.57	20.0	103	90-110		ICV/LCS_00002
3	ICB	13:26	Sulfate	0.175				U	
26	CCV	21:06	Sulfate	21.18	20.0	106	90-110		CCV_00001
27	CCB	21:26	Sulfate	0.175				U	
37	CCV	00:46	Sulfate	21.73	20.0	109	90-110		CCV_00001
38	CCB	01:06	Sulfate	0.175				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 69984	Date: 01/12/2012 11:56						
300.0	MB 600-69984/4	Sulfate	0.200	U	mg/L	0.500	1
Batch ID: 69816	Date: 01/10/2012 13:02						
9056	MB 600-69731/1-A	Sulfate	0.200	U	mg/Kg	0.500	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 69816		Date: 01/10/2012 17:37									
9056	600-48440-5	Sulfate	7370		mg/Kg						
9056	600-48440-5 MS DL	Sulfate	9561		mg/Kg	2580	85	80-120			

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Solid

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 69816 Date: 01/10/2012 17:19								
9056	2012 CUFT-1(0-2')	600-48440-5 DL	Sulfate	7370	mg/Kg			
9056	2012 CUFT-1(0-2')	600-48440-5 DU DL	Sulfate	7391	mg/Kg	0.4	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 69816	Date: 01/10/2012 13:19										
						LCS Source: ICV/LCS_00009					
9056	LCS 600-69731/2-A	Sulfate	20.65		mg/Kg	20.0	103	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 69984	Date: 01/12/2012 12:13										
						LCS Source: ICV/LCS_00009					
300.0	LCS 600-69984/5	Sulfate	20.78		mg/L	20.0	104	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG Number:

Matrix: Water Instrument ID: WC16

Method: 300.0 MDL Date: 11/09/2005 15:02

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfate		0.5	0.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG Number:

Matrix: Water Instrument ID: WC16

Method: 300.0 XMDL Date: 01/13/2006 16:07

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfate		0.5	0.1749

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - SOLUBLE

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG Number:

Matrix: Solid Instrument ID: WC11

Method: 9056 MDL Date: 11/09/2005 15:03

Leach Method: DI Leach

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfate		5	2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - SOLUBLE

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG Number:

Matrix: Solid Instrument ID: WC11

Method: 9056 XMDL Date: 01/13/2006 16:04

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfate		0.5	0.1749

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - SOLUBLE

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG Number:

Matrix: Solid Instrument ID: WC16

Method: 9056 MDL Date: 11/09/2005 15:03

Leach Method: DI Leach

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfate		5	2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - SOLUBLE

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG Number:

Matrix: Solid Instrument ID: WC16

Method: 9056 XMDL Date: 01/13/2006 16:04

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfate		0.5	0.1749

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48440-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: WC16 Method: 300.0

Start Date: 01/12/2012 11:02 End Date: 01/12/2012 20:35

Lab Sample ID	D / F	Type	Time	Analytes																				
				SO4																				
RINSE 600-69984/1			11:02																					
ICV 600-69984/2	1		11:20	X																				
ICB 600-69984/3	1		11:38	X																				
MB 600-69984/4	1	T	11:56	X																				
LCS 600-69984/5	1	T	12:13	X																				
ZZZZZZ			12:31																					
ZZZZZZ			12:49																					
ZZZZZZ			13:07																					
ZZZZZZ			13:25																					
ZZZZZZ			13:43																					
ZZZZZZ			14:01																					
ZZZZZZ			14:19																					
ZZZZZZ			14:37																					
CCV 600-69984/14	1		14:55	X																				
CCB 600-69984/15	1		15:13	X																				
ZZZZZZ			15:31																					
ZZZZZZ			15:49																					
ZZZZZZ			16:06																					
ZZZZZZ			16:24																					
ZZZZZZ			16:42																					
ZZZZZZ			17:00																					
ZZZZZZ			17:18																					
600-48440-8	1	T	17:36	X																				
ZZZZZZ			17:54																					
ZZZZZZ			18:12																					
CCV 600-69984/26	1		18:30	X																				
CCB 600-69984/27	1		18:48	X																				
ZZZZZZ			19:06																					
ZZZZZZ			19:24																					
ZZZZZZ			19:41																					
CCV 600-69984/31			19:59																					
CCB 600-69984/32			20:17																					
ZZZZZZ			20:35																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: WC11 Method: 9056

Start Date: 01/11/2012 12:12 End Date: 01/12/2012 01:06

Lab Sample ID	D / F	Type	Time	Analytes																				
				SO4																				
RINSE 600-69903/1			12:12																					
ICV 600-69903/2	1		13:06	X																				
ICB 600-69903/3	1		13:26	X																				
ZZZZZZ			13:46																					
ZZZZZZ			14:06																					
ZZZZZZ			14:26																					
ZZZZZZ			14:46																					
ZZZZZZ			15:06																					
ZZZZZZ			15:26																					
ZZZZZZ			15:46																					
ZZZZZZ			16:06																					
ZZZZZZ			16:26																					
ZZZZZZ			16:46																					
CCV 600-69903/14			17:06																					
CCB 600-69903/15			17:26																					
ZZZZZZ			17:46																					
ZZZZZZ			18:06																					
ZZZZZZ			18:26																					
ZZZZZZ			18:46																					
ZZZZZZ			19:06																					
ZZZZZZ			19:26																					
ZZZZZZ			19:46																					
ZZZZZZ			20:06																					
ZZZZZZ			20:26																					
ZZZZZZ			20:46																					
CCV 600-69903/26	1		21:06	X																				
CCB 600-69903/27	1		21:26	X																				
ZZZZZZ			21:46																					
ZZZZZZ			22:06																					
ZZZZZZ			22:26																					
ZZZZZZ			22:46																					
ZZZZZZ			23:06																					
ZZZZZZ			23:26																					
ZZZZZZ			23:46																					
ZZZZZZ			00:06																					
600-48440-6 DL	20	S	00:26	X																				
CCV 600-69903/37	1		00:46	X																				
CCB 600-69903/38	1		01:06	X																				

Prep Types
S = Soluble

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: WC16 Method: 9056

Start Date: 01/10/2012 11:32 End Date: 01/10/2012 18:49

Lab Sample ID	D / F	Type	Time	Analytes																				
				SO4																				
RINSE 600-69816/1			11:32																					
ICV 600-69816/2	1		11:50	X																				
ICB 600-69816/3	1		12:08	X																				
ZZZZZZ			12:26																					
ZZZZZZ			12:44																					
MB 600-69731/1-A	1	S	13:02	X																				
LCS 600-69731/2-A	1	S	13:19	X																				
ZZZZZZ			13:37																					
ZZZZZZ			13:55																					
ZZZZZZ			14:13																					
ZZZZZZ			14:31																					
ZZZZZZ			14:49																					
600-48440-1 DL	10	S	15:07	X																				
CCV 600-69816/14	1		15:25	X																				
CCB 600-69816/15	1		15:43	X																				
ZZZZZZ			16:01																					
600-48440-3 DL	10	S	16:19	X																				
600-48440-5 DL	20	S	17:02	X																				
600-48440-5 DU DL	20	S	17:19	X																				
600-48440-5 MS DL	20	S	17:37	X																				
ZZZZZZ			17:55																					
CCV 600-69816/22	1		18:13	X																				
CCB 600-69816/23	1		18:31	X																				
ZZZZZZ			18:49																					

Prep Types
S = Soluble

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/09/2012 16:05 End Date: 01/09/2012 16:05

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
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ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
600-48440-1	1	T	16:05	X	X																			
600-48440-1 DU	1	T	16:05	X	X																			
600-48440-3	1	T	16:05	X	X																			
600-48440-5	1	T	16:05	X	X																			
600-48440-6	1	T	16:05	X	X																			
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					
ZZZZZZ			16:05																					

Prep Types
T = Total/NA

Batch 69984 → 300.28D ✓
69985 → 300.48HR ✓

MS → L723649) 0.25ml → 5ml aq8X

Sequence:	011212
Operator:	Houston_wetchem_inst
Title:	
Datasource:	HOUDJ79WG91_local
Location:	ICS1100\2_Data\ICS1100
Timebase:	ICS1100
#Samples:	41
Created:	1/12/2012 10:45:05 AM by Houston_wetchem_inst
Last Update:	1/12/2012 3:32:06 PM by Houston_wetchem_inst

1/13/12

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status
1	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished
2	CAL1 651187	Standard	2	10.0	AnionsC	CAL010612	Finished
3	CAL2 651188	Standard	3	10.0	AnionsC	CAL010612	Finished
4	CAL3 651189	Standard	4	10.0	AnionsC	CAL010612	Finished
5	CAL4 651190	Standard	5	10.0	AnionsC	CAL010612	Finished
6	CAL5 651196	Standard	6	10.0	AnionsC	CAL010612	Finished
7	CAL6 651192	Standard	7	10.0	AnionsC	CAL010612	Finished
8	CAL7 673800	Standard	8	10.0	AnionsC	CAL010612	Finished
9	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished
10	ICV 759991	Unknown	2	10.0	AnionsC	CAL010612	Finished
11	ICB	Unknown	3	10.0	AnionsC	CAL010612	Finished
12	MB	Unknown	4	10.0	AnionsC	CAL010612	Finished
13	LCS 759991	Unknown	5	10.0	AnionsC	CAL010612	Finished
14	600-48677-A-1	Unknown	6	10.0	AnionsC	CAL010612	Finished
15	600-48677-A-1	Unknown	7	10.0	AnionsC	CAL010612	Finished
16	600-48659-c-1	Unknown	8	10.0	AnionsC	CAL010612	Finished
17	600-48698-A-1	Unknown	9	10.0	AnionsC	CAL010612	Finished
18	600-48387-A-28	Unknown	10	10.0	AnionsC	CAL010612	Finished
19	DU 600-48387-a-28	Unknown	11	10.0	AnionsC	CAL010612	Finished
20	MS 600-48387-a-28	Unknown	12	10.0	AnionsC	CAL010612	Finished
21	600-48387-a-29	Unknown	13	10.0	AnionsC	CAL010612	Finished
22	CCV 712406	Unknown	14	10.0	AnionsC	CAL010612	Finished
23	CCB	Unknown	15	10.0	AnionsC	CAL010612	Finished
[redacted]	600-48387-a-30	Unknown	16	10.0	AnionsC	CAL010612	Running
25	600-48387-a-31	Unknown	17	10.0	AnionsC	CAL010612	Single
26	600-48387-a-32	Unknown	18	10.0	AnionsC	CAL010612	Single
27	600-48387-a-33	Unknown	19	10.0	AnionsC	CAL010612	Single
28	DU 600-48387-a-33	Unknown	20	10.0	AnionsC	CAL010612	Single
29	MS 600-48387-a-33	Unknown	21	10.0	AnionsC	CAL010612	Single
30	600-48380-a-5	Unknown	22	10.0	AnionsC	CAL010612	Single
31	600-48440-b-8	Unknown	23	10.0	AnionsC	CAL010612	Single
32	600-48401-a-1	Unknown	24	10.0	AnionsC	CAL010612	Single
33	600-48401-a-3	Unknown	25	10.0	AnionsC	CAL010612	Single
34	CCV 712406	Unknown	26	10.0	AnionsC	CAL010612	Single
35	CCB	Unknown	27	10.0	AnionsC	CAL010612	Single
36	600-48493-a-1	Unknown	28	10.0	AnionsC	CAL010612	Single
37	600-48493-a-3	Unknown	29	10.0	AnionsC	CAL010612	Single
38	600-48493-a-6	Unknown	30	10.0	AnionsC	CAL010612	Single
39	CCV 712406	Unknown	31	10.0	AnionsC	CAL010612	Single
40	CCB	Unknown	32	10.0	AnionsC	CAL010612	Single
41	sd	Unknown	33	10.0	Shutdown	CAL010612	Single

Chromeleon © Dionex Corporation, Version 6.80 SR7 Build 2528 (148369)

Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100 Created: 1/12/2012 10:45:05 AM by Houston_wetchem_inst
#Samples: 41 Last Update: 1/12/2012 3:32:06 PM by Houston_wetchem_inst

No.	Name	Inj. Date/Time	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
1	RINSE		1.0000	1.0000	1.0000		01	
2	CAL1 651187		1.0000	1.0000	1.0000		01	
3	CAL2 651188		1.0000	1.0000	1.0000		01	
4	CAL3 651189		1.0000	1.0000	1.0000		01	
5	CAL4 651190		1.0000	1.0000	1.0000		01	
6	CAL5 651196		1.0000	1.0000	1.0000		01	
7	CAL6 651192		1.0000	1.0000	1.0000		01	
8	CAL7 673800		1.0000	1.0000	1.0000		01	
9	RINSE	1/12/2012 11:02:41 AM	1.0000	1.0000	1.0000		01	
10	ICV 759991	1/12/2012 11:20:14 AM	1.0000	1.0000	1.0000		01	
11	ICB	1/12/2012 11:38:09 AM	1.0000	1.0000	1.0000		01	
12	MB	1/12/2012 11:56:04 AM	1.0000	1.0000	1.0000		01	
13	LCS 759991	1/12/2012 12:13:59 PM	1.0000	1.0000	1.0000		01	
14	600-48677-A-1	1/12/2012 12:31:54 PM	1.0000	1.0000	1.0000		01	
15	600-48677-A-1	1/12/2012 12:49:49 PM	5.0000	5.0000	1.0000		01	
16	600-48659-c-1	1/12/2012 1:07:45 PM	1.0000	1.0000	1.0000		01	
17	600-48698-A-1	1/12/2012 1:25:40 PM	1.0000	1.0000	1.0000		01	
18	600-48387-A-28	1/12/2012 1:43:35 PM	100.0000	100.0000	1.0000		01	
19	DU 600-48387-a-28	1/12/2012 2:01:30 PM	100.0000	100.0000	1.0000		01	
20	MS 600-48387-a-28	1/12/2012 2:19:26 PM	100.0000	100.0000	1.0000		01	
21	600-48387-a-29	1/12/2012 2:37:20 PM	100.0000	100.0000	1.0000		01	
22	CCV 712406	1/12/2012 2:55:15 PM	1.0000	1.0000	1.0000		01	
23	CCB	1/12/2012 3:13:11 PM	1.0000	1.0000	1.0000		01	
[redacted]	600-48387-a-30	1/12/2012 3:31:05 PM	100.0000	100.0000	1.0000		01	
25	600-48387-a-31		100.0000	100.0000	1.0000		01	
26	600-48387-a-32		100.0000	100.0000	1.0000		01	
27	600-48387-a-33		100.0000	100.0000	1.0000		01	
28	DU 600-48387-a-33		100.0000	100.0000	1.0000		01	
29	MS 600-48387-a-33		100.0000	100.0000	1.0000		01	
30	600-48380-a-5		1.0000	1.0000	1.0000		01	
31	600-48440-b-8		1.0000	1.0000	1.0000		01	
32	600-48401-a-1		1.0000	1.0000	1.0000		01	
33	600-48401-a-3		1.0000	1.0000	1.0000		01	
34	CCV 712406		1.0000	1.0000	1.0000		01	
35	CCB		1.0000	1.0000	1.0000		01	
36	600-48493-a-1		1.0000	1.0000	1.0000		01	
37	600-48493-a-3		1.0000	1.0000	1.0000		01	
38	600-48493-a-6		1.0000	1.0000	1.0000		01	
39	CCV 712406		1.0000	1.0000	1.0000		01	
40	CCB		1.0000	1.0000	1.0000		01	
41	sd		1.0000	1.0000	1.0000		01	

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1 RINSE

Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**n.a.**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #1 RINSE ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\1.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

2 CAL1 651187

Sample Name:	**CAL1 651187**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #2 CAL1 651187 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\2.acd".
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n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

3 CAL2 651188

Sample Name:	**CAL2 651188**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #3 CAL2 651188 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\3.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

4 CAL3 651189

Sample Name:	**CAL3 651189**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #4 CAL3 651189 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\4.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

5 CAL4 651190

Sample Name:	**CAL4 651190**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #5 CAL4 651190 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\5.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

6 CAL5 651196

Sample Name:	**CAL5 651196**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #6 CAL5 651196 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\6.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

7 CAL6 651192

Sample Name:	**CAL6 651192**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #7 CAL6 651192 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\7.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011212 #8 CAL7 673800 ECD_1

Can't open raw data file "C:\Chrome\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd".
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n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

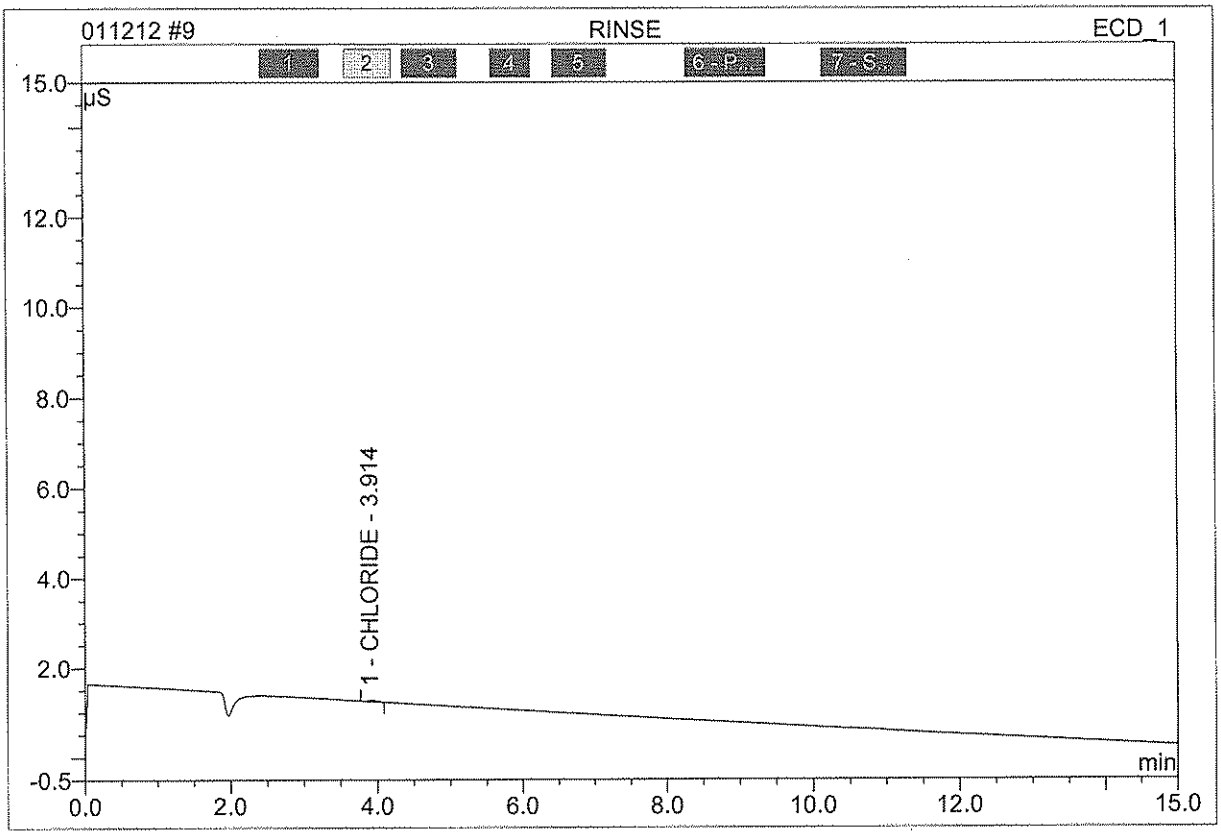
Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011212.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
Average:					n.a.	n.a.	n.a.	n.a.

9 RINSE

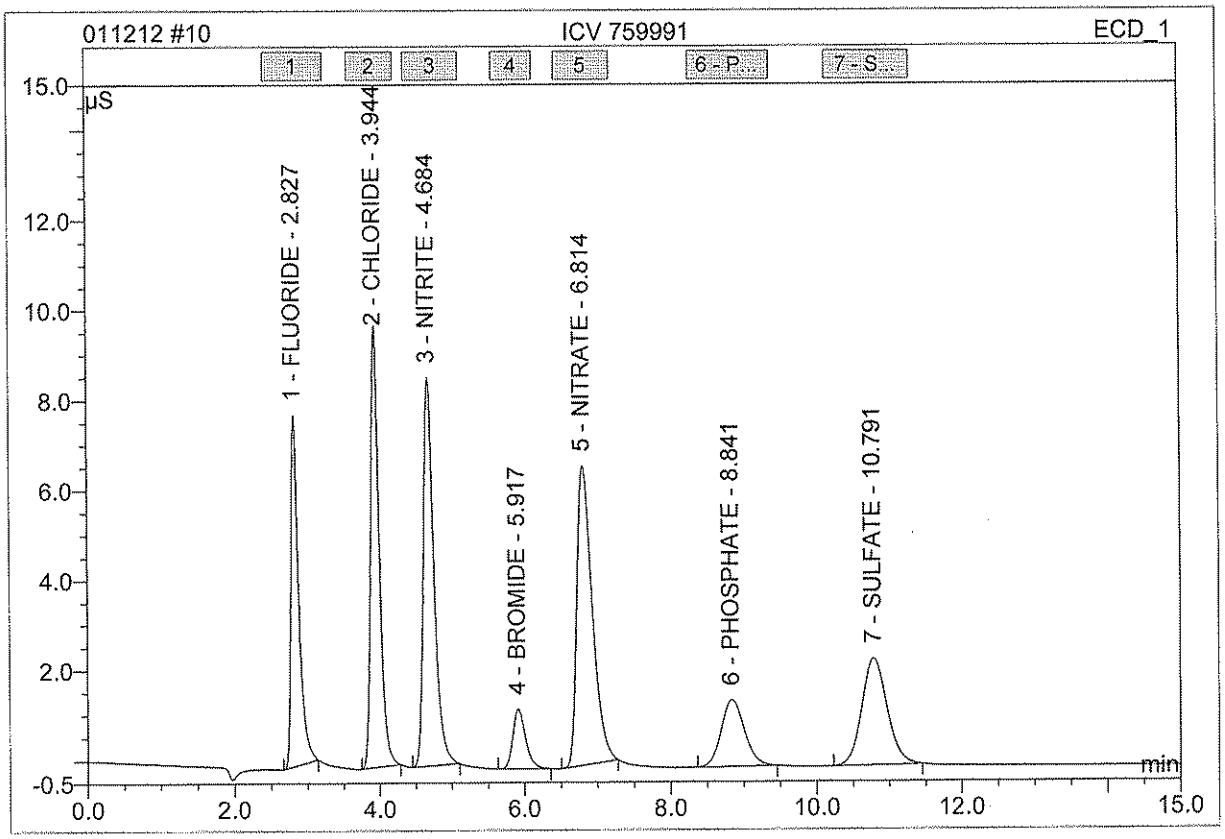
Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 11:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.91	CHLORIDE	0.032	0.005	100.00	0.769	BMB
Total:			0.032	0.005	100.00	0.769	

10 ICV 759991

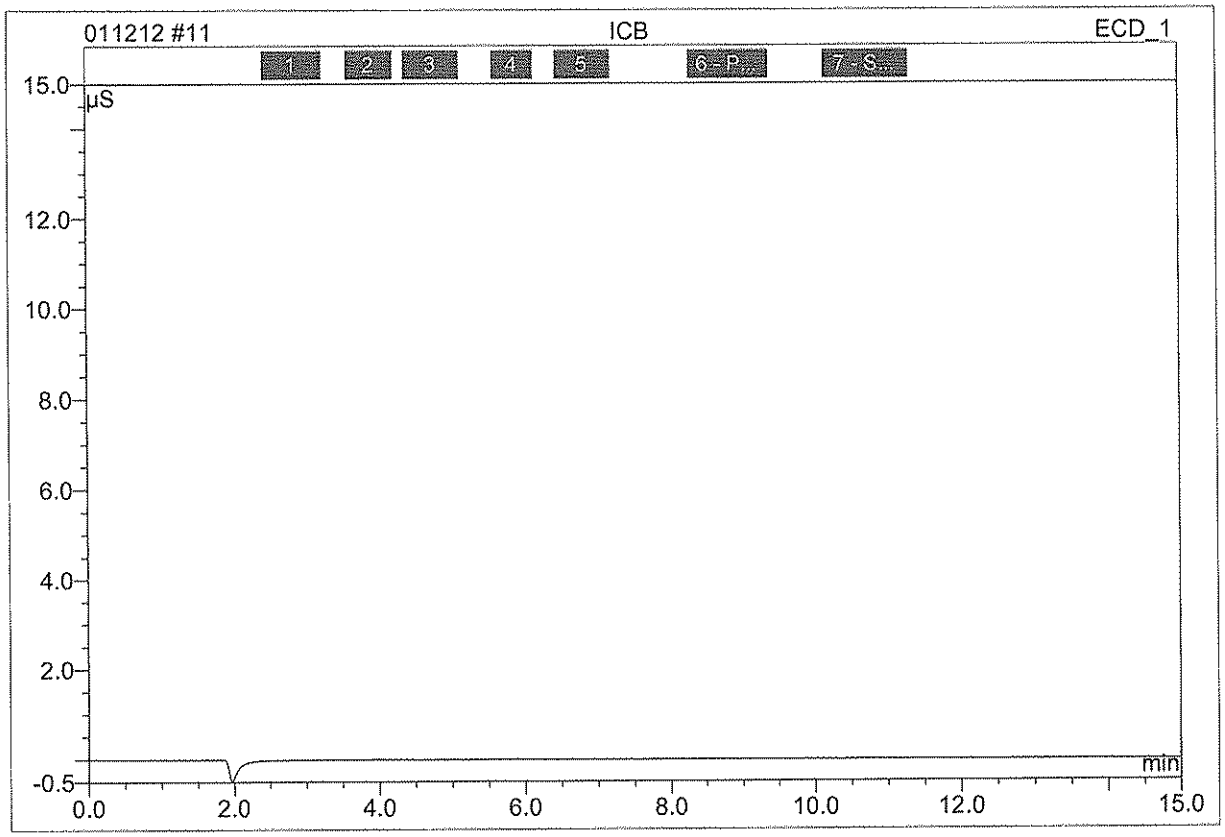
Sample Name:	**ICV 759991**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 11:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.793	0.962	13.40	9.576	BMB
2	3.94	CHLORIDE	9.816	1.356	18.89	19.030	BMB
3	4.68	NITRITE	8.627	1.465	20.41	9.496	BMB
4	5.92	BROMIDE	1.322	0.273	3.81	10.137	BMB
5	6.81	NITRATE	6.643	1.624	22.62	10.560	BMB
6	8.84	PHOSPHATE	1.479	0.545	7.58	10.640	BMB
7	10.79	SULFATE	2.357	0.954	13.29	21.043	BMB
Total:			38.037	7.181	100.00	90.482	

11 ICB

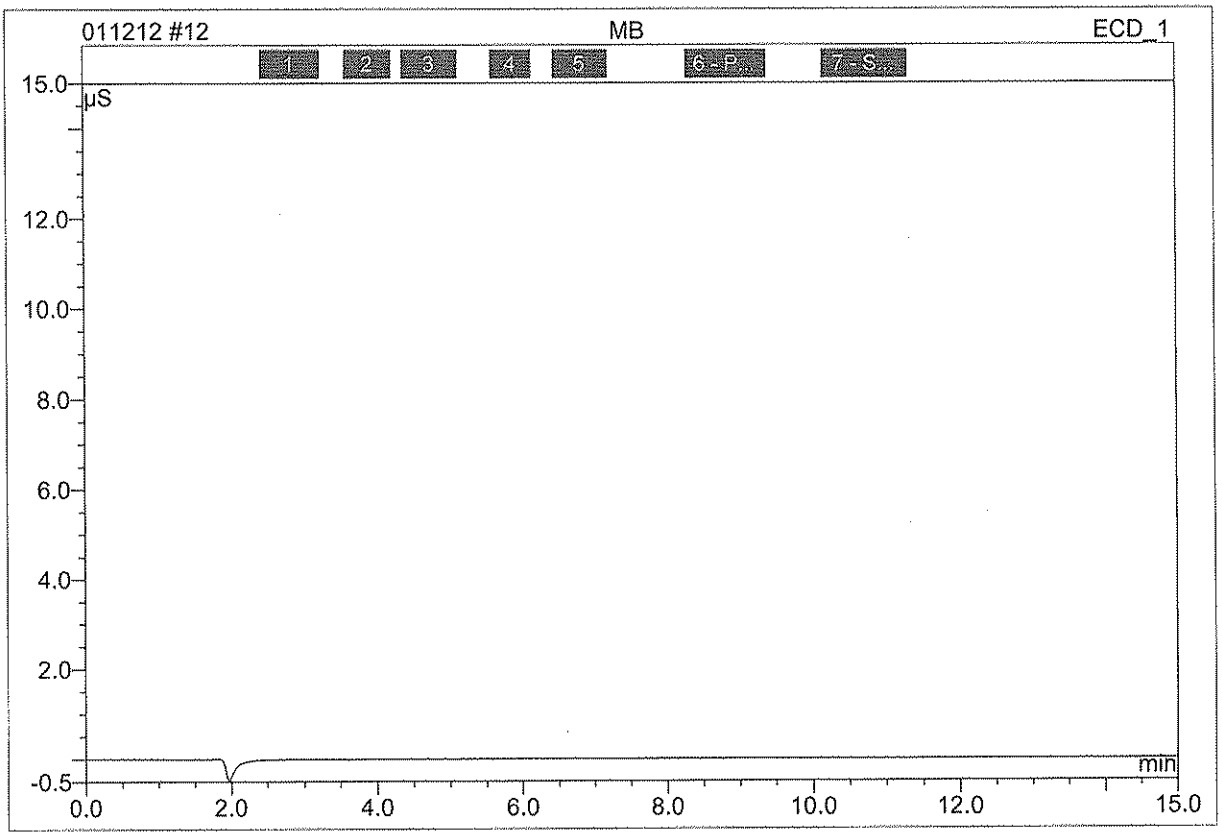
Sample Name:	**ICB**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 11:38**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

12 MB

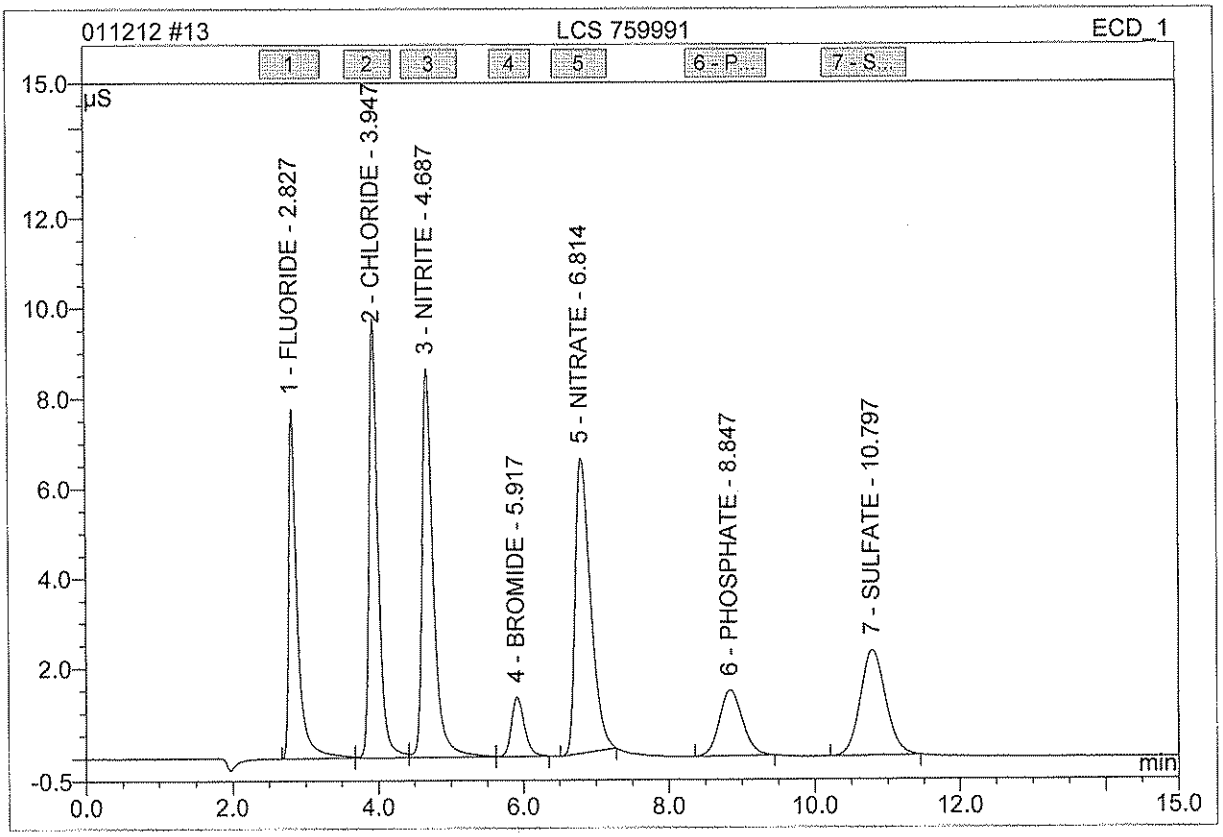
Sample Name:	**MB**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 11:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

13 LCS 759991

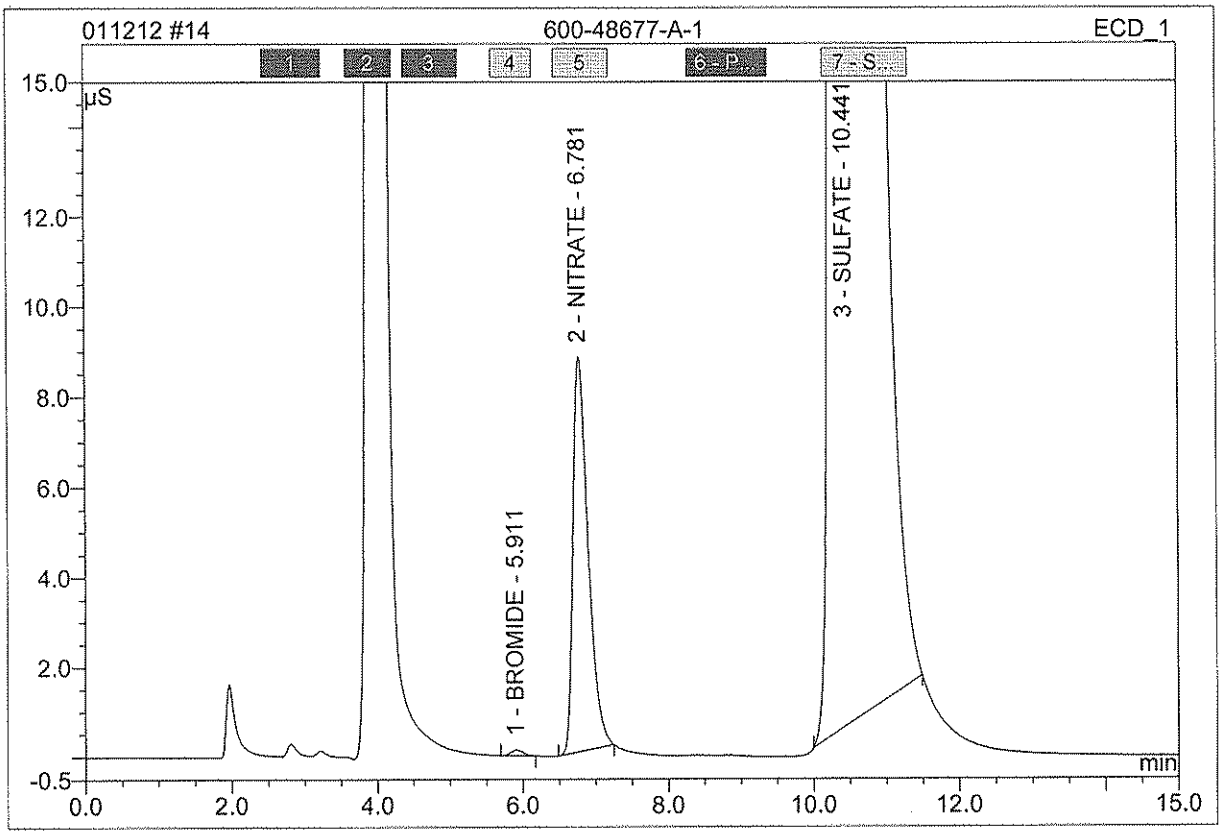
Sample Name:	**LCS 759991**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 12:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.769	1.050	14.26	10.428	BM
2	3.95	CHLORIDE	9.755	1.400	19.02	19.621	M
3	4.69	NITRITE	8.630	1.550	21.06	10.034	M
4	5.92	BROMIDE	1.310	0.273	3.71	10.133	MB
5	6.81	NITRATE	6.566	1.610	21.86	10.467	BMB
6	8.85	PHOSPHATE	1.456	0.537	7.29	10.488	BMB
7	10.80	SULFATE	2.331	0.942	12.79	20.778	BMB
Total:			37.816	7.363	100.00	91.950	

14 600-48677-A-1

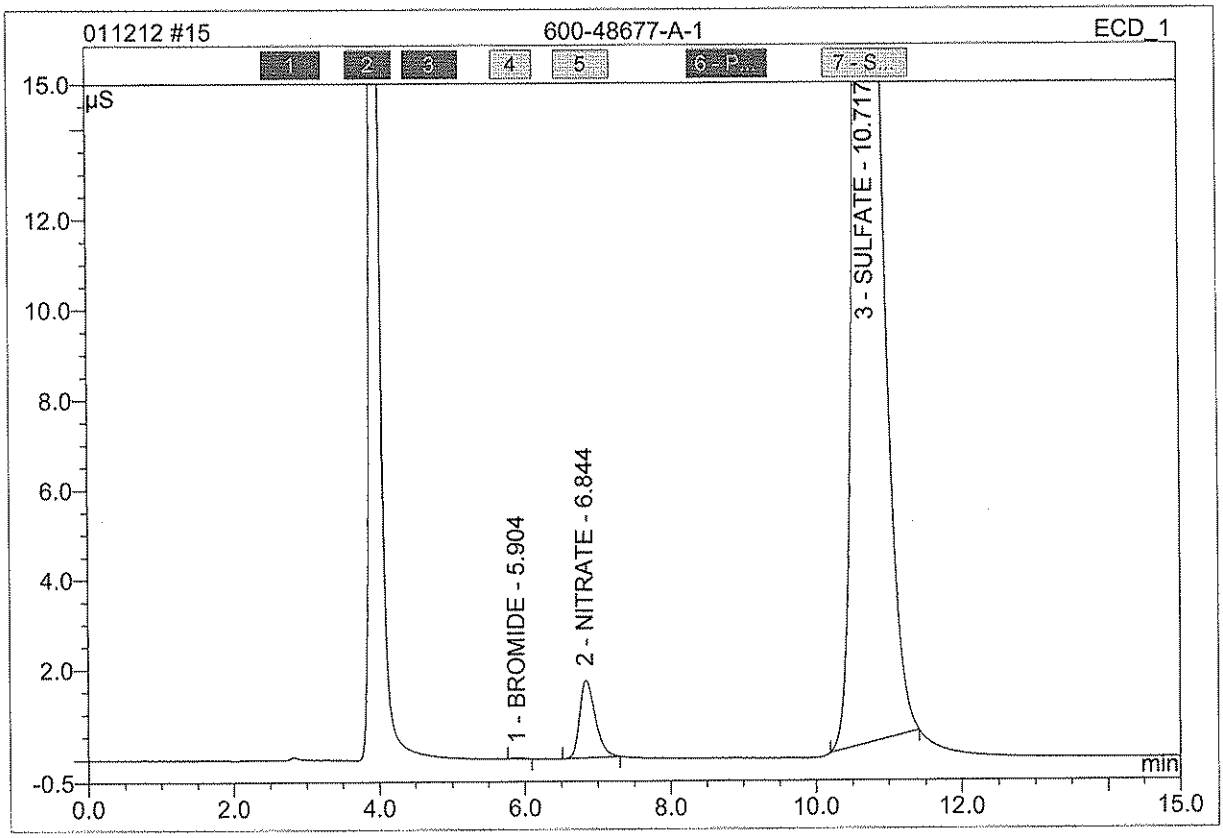
Sample Name:	**600-48677-A-1**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 12:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	5.91	BROMIDE	0.130	0.026	0.03	0.993	BMB
2	6.78	NITRATE	8.760	2.127	2.87	13.751	BMB
3	10.44	SULFATE	155.747	71.944	97.09	1572.145	BMB
Total:			164.638	74.097	100.00	1586.889	

15 600-48677-A-1

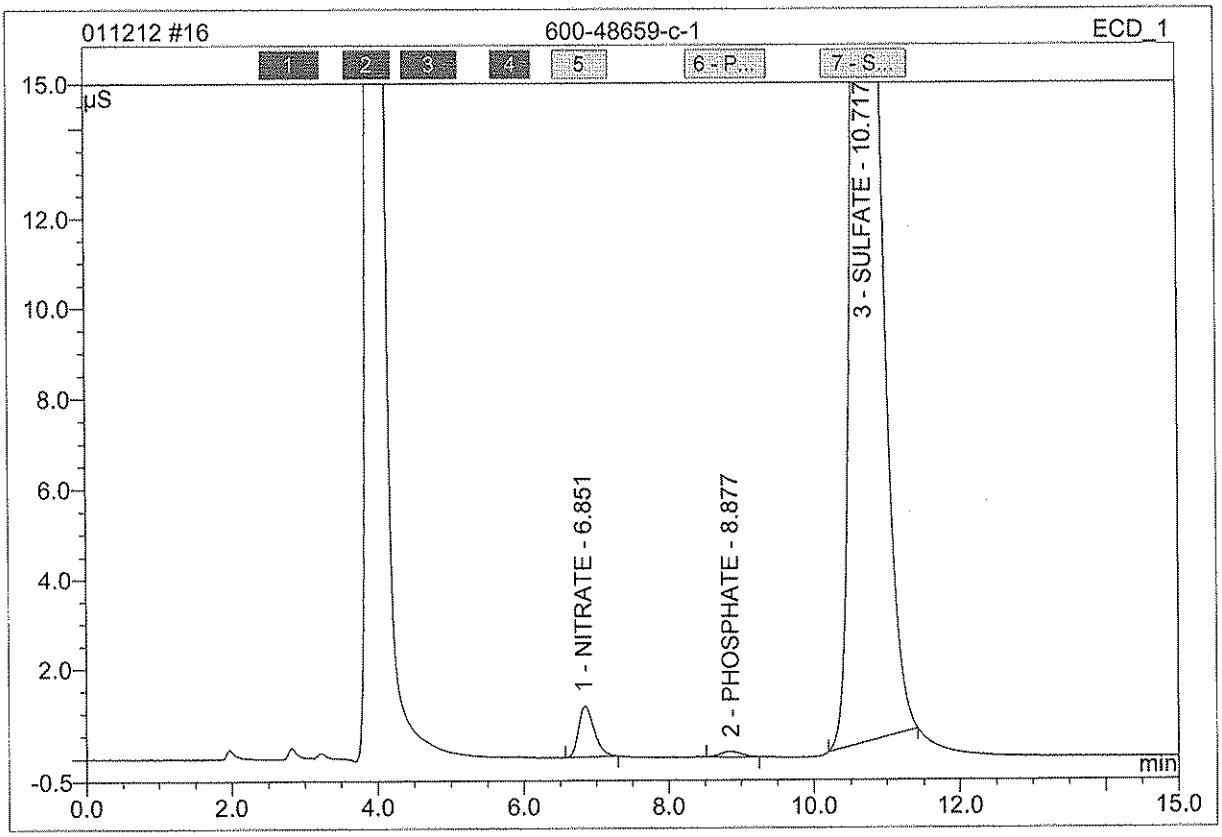
Sample Name:	**600-48677-A-1**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**5.0000**
Recording Time:	**1/12/2012 12:49**	*Sample Weight:*	**5.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	5.90	BROMIDE	0.029	0.005	0.04	0.226	BMB
2	6.84	NITRATE	1.715	0.423	3.22	2.926	BMB
3	10.72	SULFATE	33.032	12.695	96.74	277.573	BMB
Total:			34.776	13.123	100.00	280.725	

16 600-48659-c-1

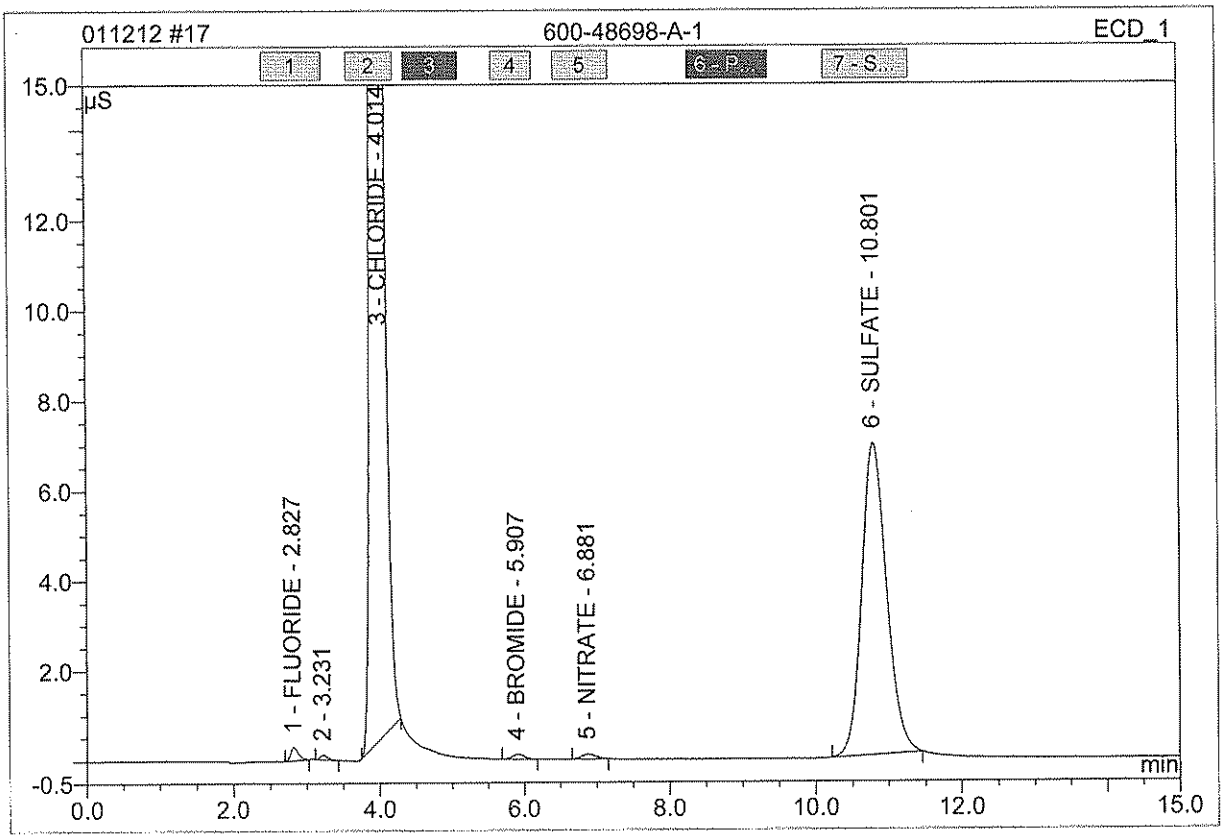
Sample Name:	**600-48659-c-1**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 13:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	6.85	NITRATE	1.122	0.278	2.03	2.004	BMB
2	8.88	PHOSPHATE	0.119	0.040	0.30	1.017	BMB
3	10.72	SULFATE	34.749	13.374	97.68	292.423	BMB
Total:			35.990	13.693	100.00	295.444	

17 600-48698-A-1

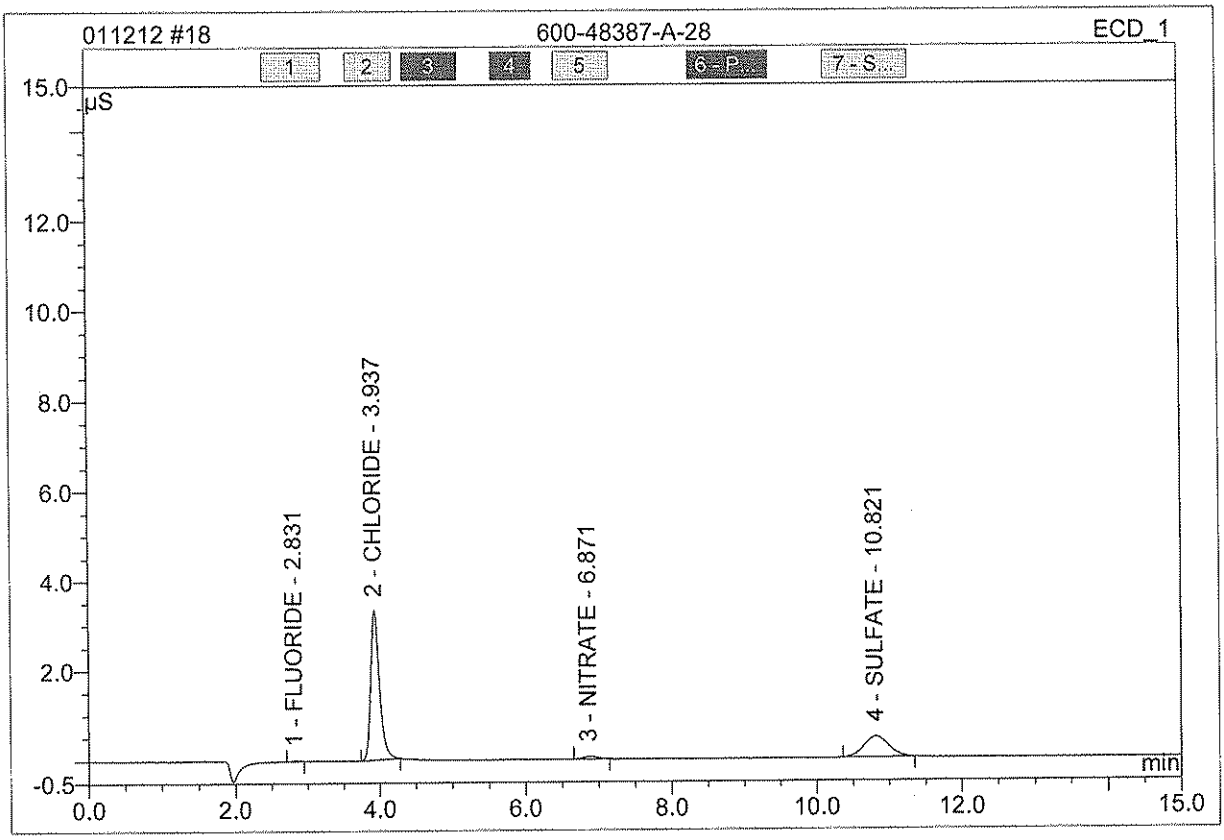
Sample Name:	**600-48698-A-1**	*Injection Volume:*	**10.0**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 13:25**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.297	0.037	0.27	0.586	BMB
2	3.23	n.a.	0.106	0.013	0.09	n.a.	BMB
3	4.01	CHLORIDE	76.254	10.864	79.31	147.471	BMB
4	5.91	BROMIDE	0.111	0.022	0.16	0.870	BMB
5	6.88	NITRATE	0.111	0.025	0.18	0.401	BMB
6	10.80	SULFATE	6.932	2.737	19.98	59.996	BMB
Total:			83.811	13.698	100.00	209.323	

18 600-48387-A-28

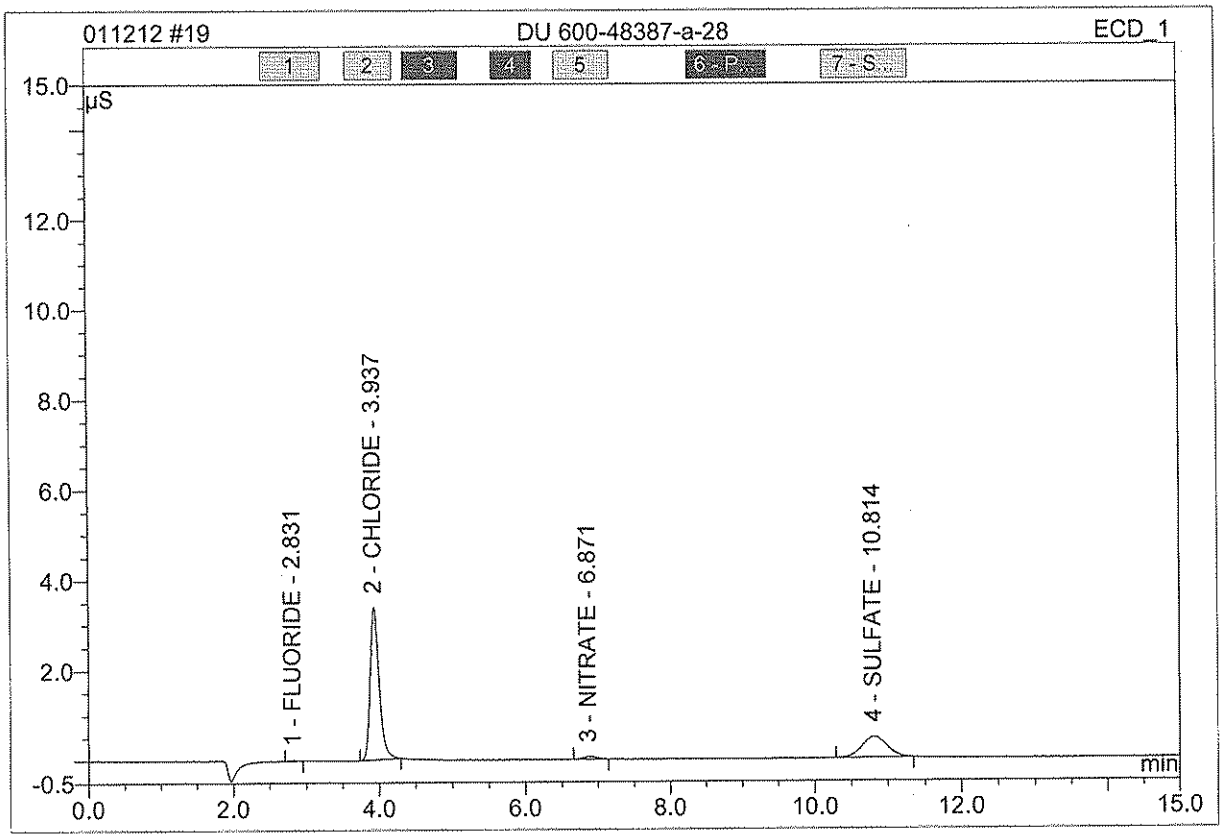
Sample Name:	**600-48387-A-28**	*Injection Volume:*	**10.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 13:43**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.024	0.003	0.42	0.257	BMB
2	3.94	CHLORIDE	3.323	0.469	70.29	7.041	BMB
3	6.87	NITRATE	0.058	0.014	2.04	0.326	BMB
4	10.82	SULFATE	0.460	0.182	27.26	4.175	BMB
Total:			3.866	0.667	100.00	11.799	

19 DU 600-48387-a-28

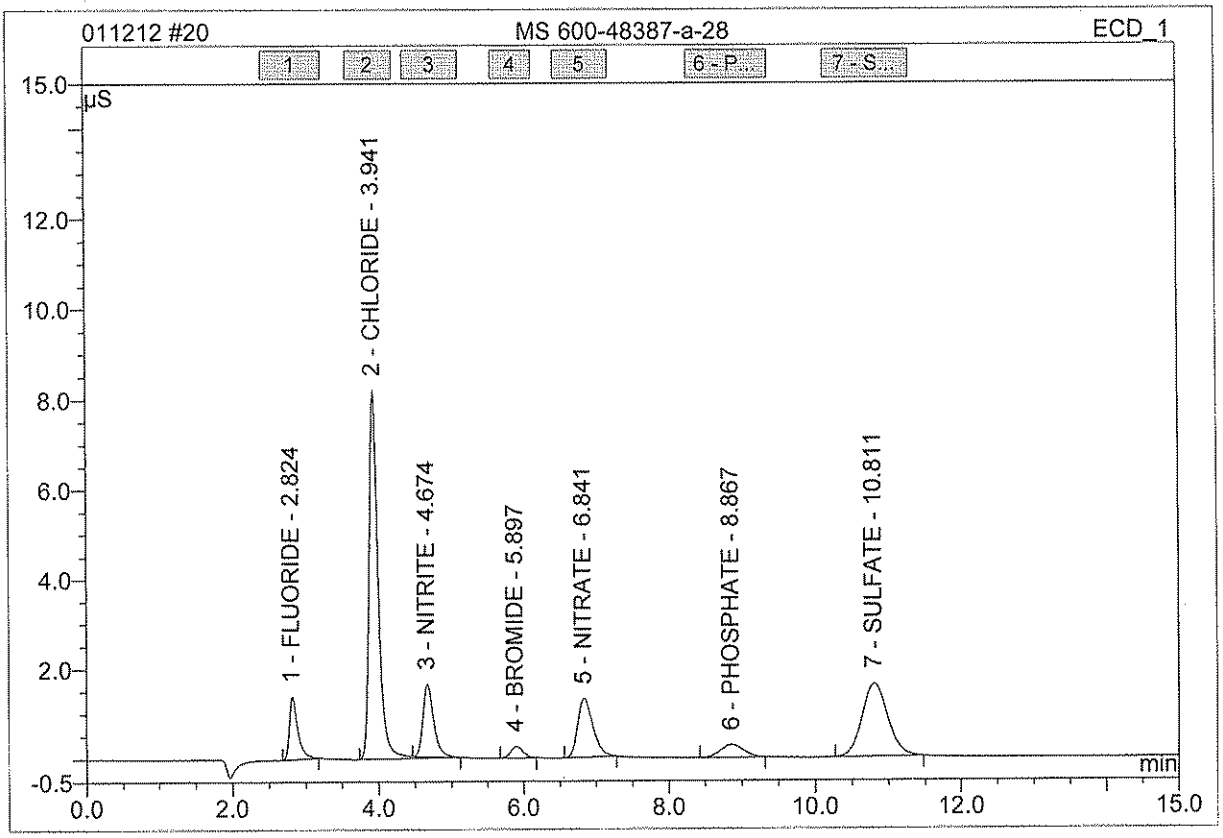
Sample Name:	**DU 600-48387-a-28**	*Injection Volume:*	**10.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 14:01**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.024	0.003	0.39	0.255	BMB
2	3.94	CHLORIDE	3.383	0.479	70.44	7.170	BMB
3	6.87	NITRATE	0.057	0.013	1.92	0.323	BMB
4	10.81	SULFATE	0.465	0.185	27.25	4.246	BMB
Total:			3.928	0.679	100.00	11.994	

20 MS 600-48387-a-28

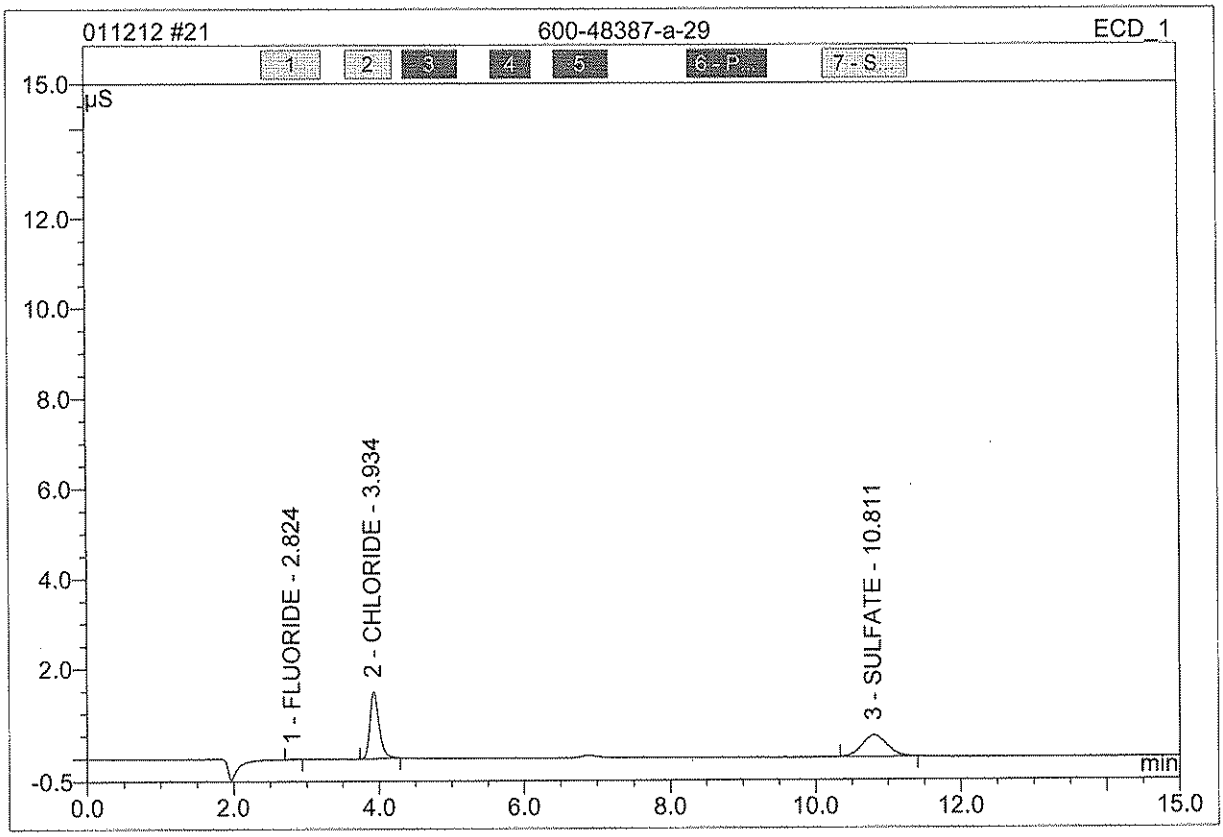
Sample Name:	**MS 600-48387-a-28**	*Injection Volume:*	**10.0**
Vial Number:	**12**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 14:19**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.82	FLUORIDE	1.392	0.184	6.63	2.016	BMB
2	3.94	CHLORIDE	8.211	1.184	42.71	16.699	BMB
3	4.67	NITRITE	1.608	0.279	10.06	1.986	Rd
4	5.90	BROMIDE	0.257	0.051	1.83	1.918	BMB
5	6.84	NITRATE	1.297	0.319	11.51	2.266	BMB
6	8.87	PHOSPHATE	0.284	0.103	3.71	2.207	BMB
7	10.81	SULFATE	1.618	0.653	23.55	14.464	BMB
Total:			14.667	2.772	100.00	41.555	

21 600-48387-a-29

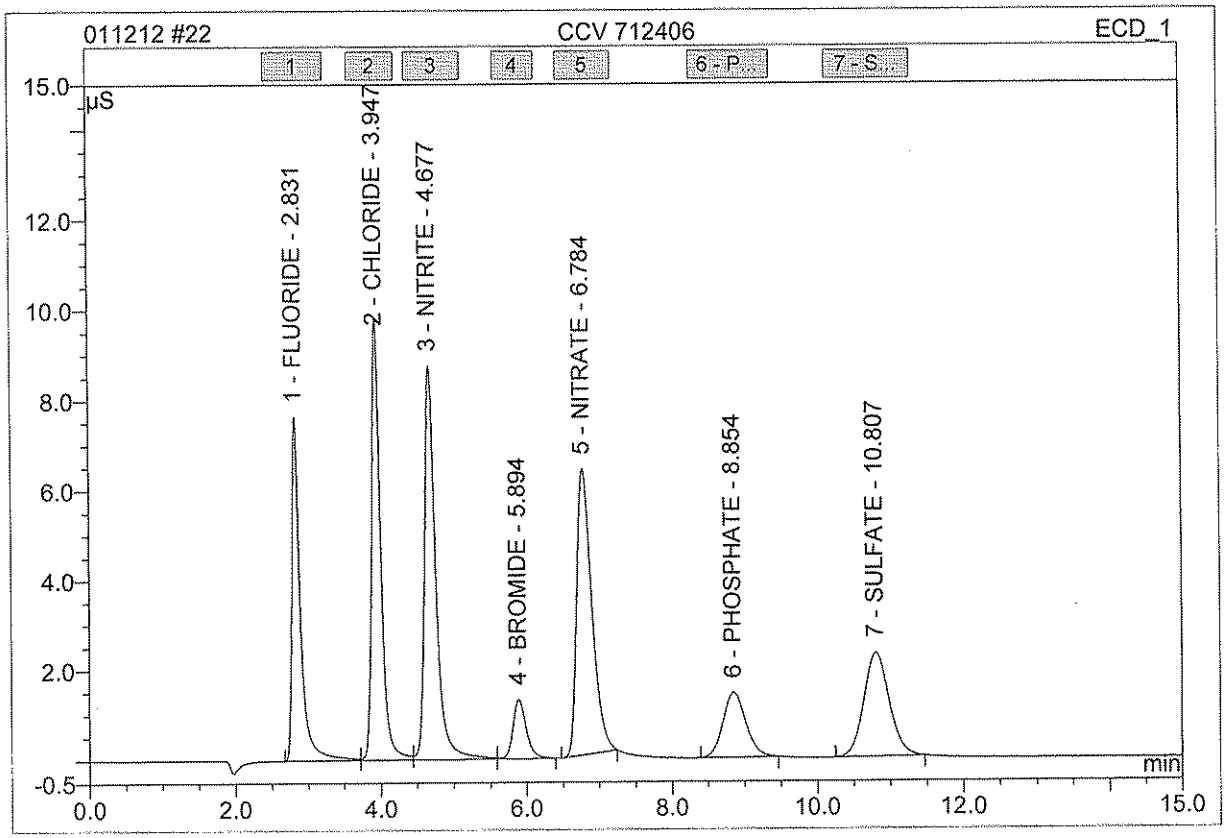
Sample Name:	**600-48387-a-29**	*Injection Volume:*	**10.0**
Vial Number:	**13**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 14:37**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.82	FLUORIDE	0.023	0.003	0.63	0.255	BMB
2	3.93	CHLORIDE	1.491	0.214	52.48	3.594	BMB
3	10.81	SULFATE	0.477	0.191	46.89	4.374	BMB
Total:			1.991	0.408	100.00	8.223	

22 CCV 712406

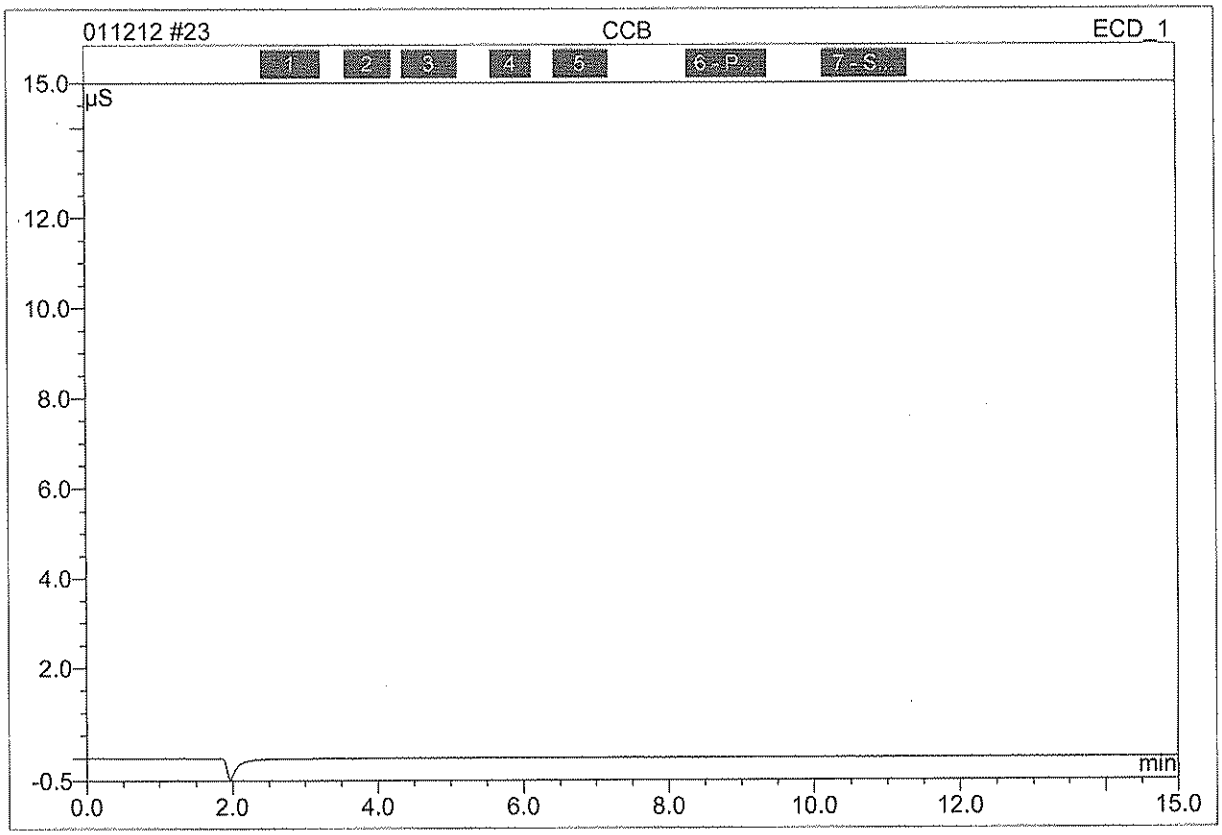
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**14**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 14:55**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.647	1.033	14.20	10.263	BM
2	3.95	CHLORIDE	9.830	1.404	19.29	19.666	M
3	4.68	NITRITE	8.754	1.570	21.58	10.156	M
4	5.89	BROMIDE	1.314	0.278	3.83	10.317	MB
5	6.78	NITRATE	6.360	1.540	21.16	10.022	BMB
6	8.85	PHOSPHATE	1.440	0.527	7.24	10.297	BMB
7	10.81	SULFATE	2.297	0.924	12.71	20.398	BMB
Total:			37.643	7.276	100.00	91.120	

23 CCB

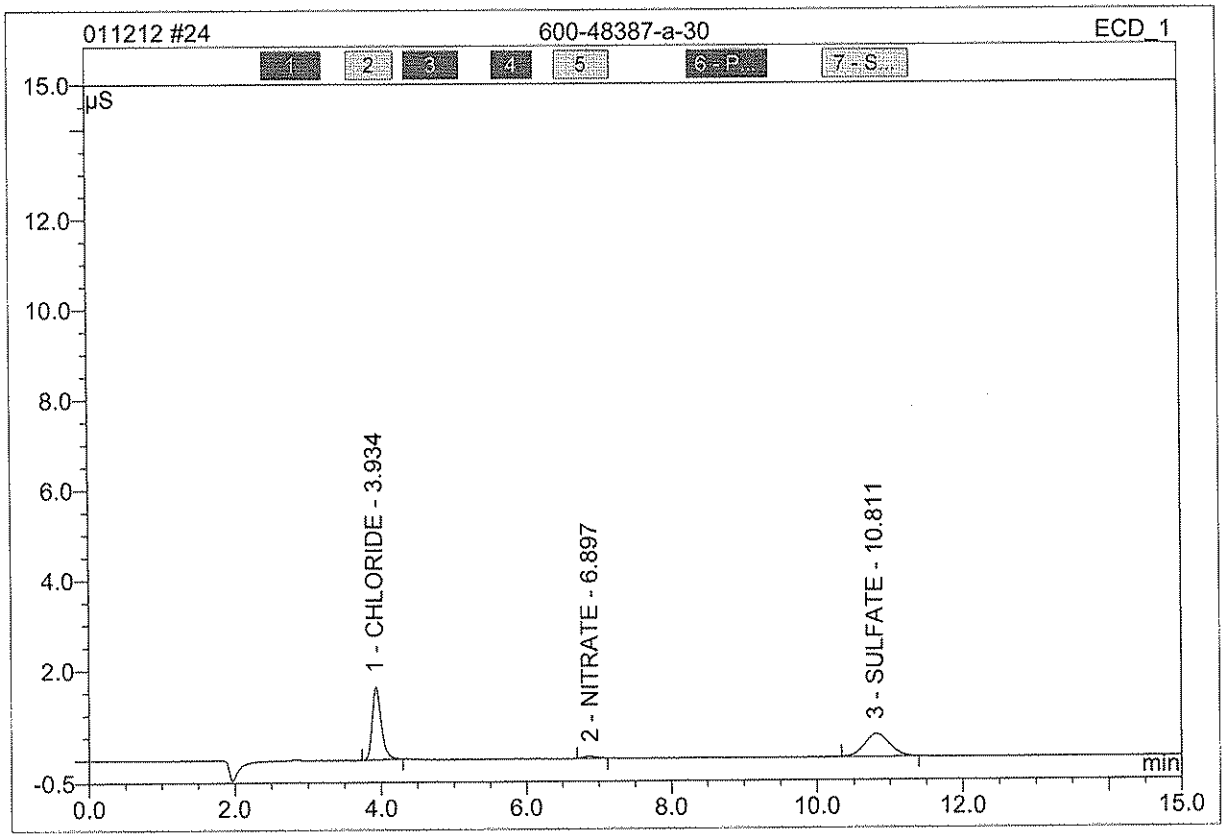
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**15**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 15:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

24 600-48387-a-30

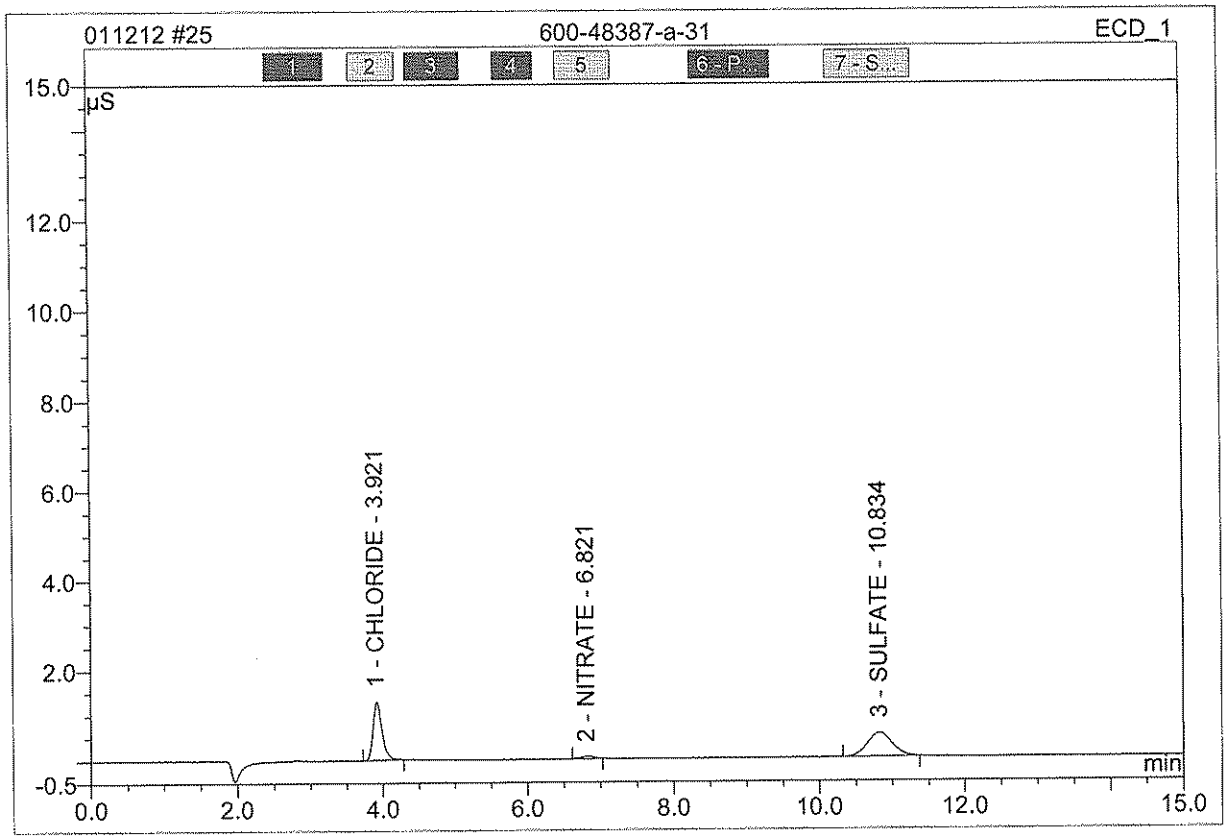
Sample Name:	**600-48387-a-30**	*Injection Volume:*	**10.0**
Vial Number:	**16**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 15:31**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.93	CHLORIDE	1.617	0.231	52.00	3.820	BMB
2	6.90	NITRATE	0.047	0.010	2.26	0.303	BMB
3	10.81	SULFATE	0.502	0.203	45.75	4.633	BMB
Total:			2.166	0.444	100.00	8.757	

25 600-48387-a-31

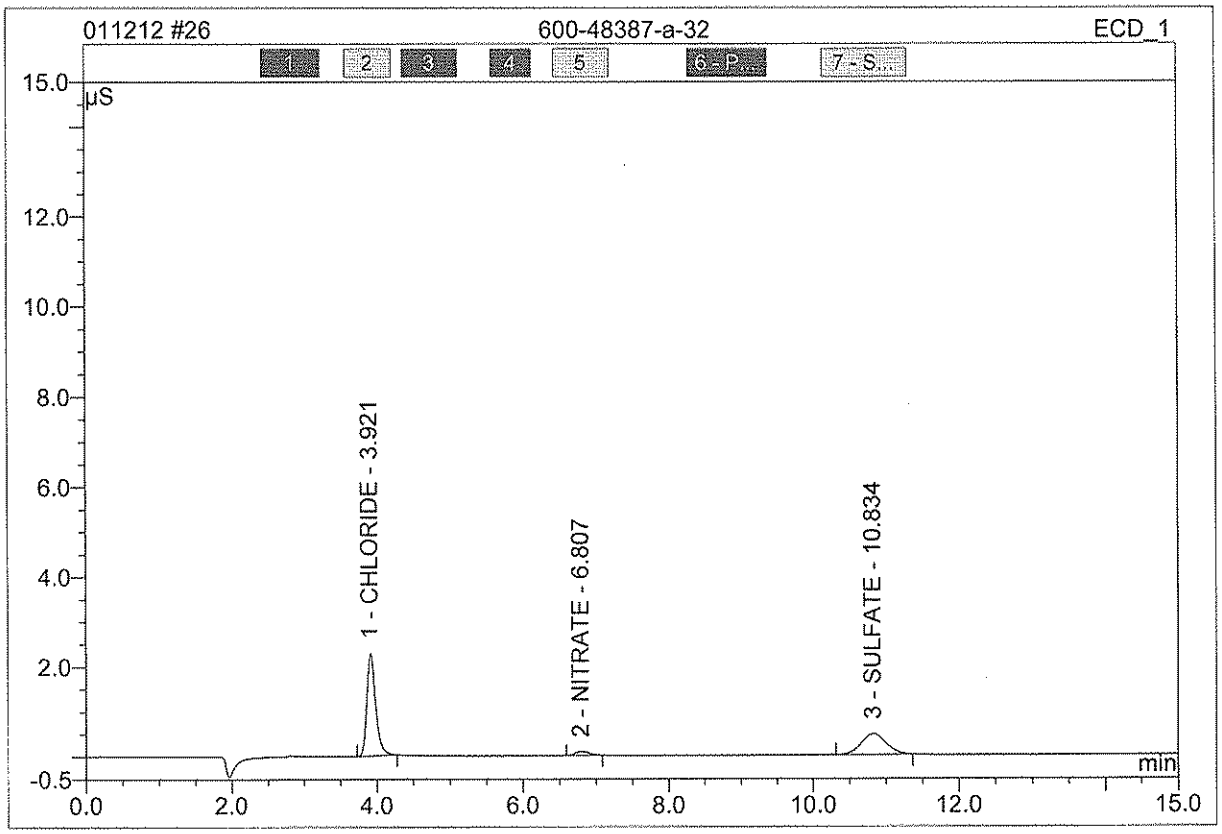
Sample Name:	**600-48387-a-31**	*Injection Volume:*	**10.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 15:49**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	1.300	0.185	45.49	3.205	BMB
2	6.82	NITRATE	0.054	0.011	2.66	0.309	BMB
3	10.83	SULFATE	0.529	0.211	51.85	4.810	BMB
Total:			1.883	0.407	100.00	8.324	

26 600-48387-a-32

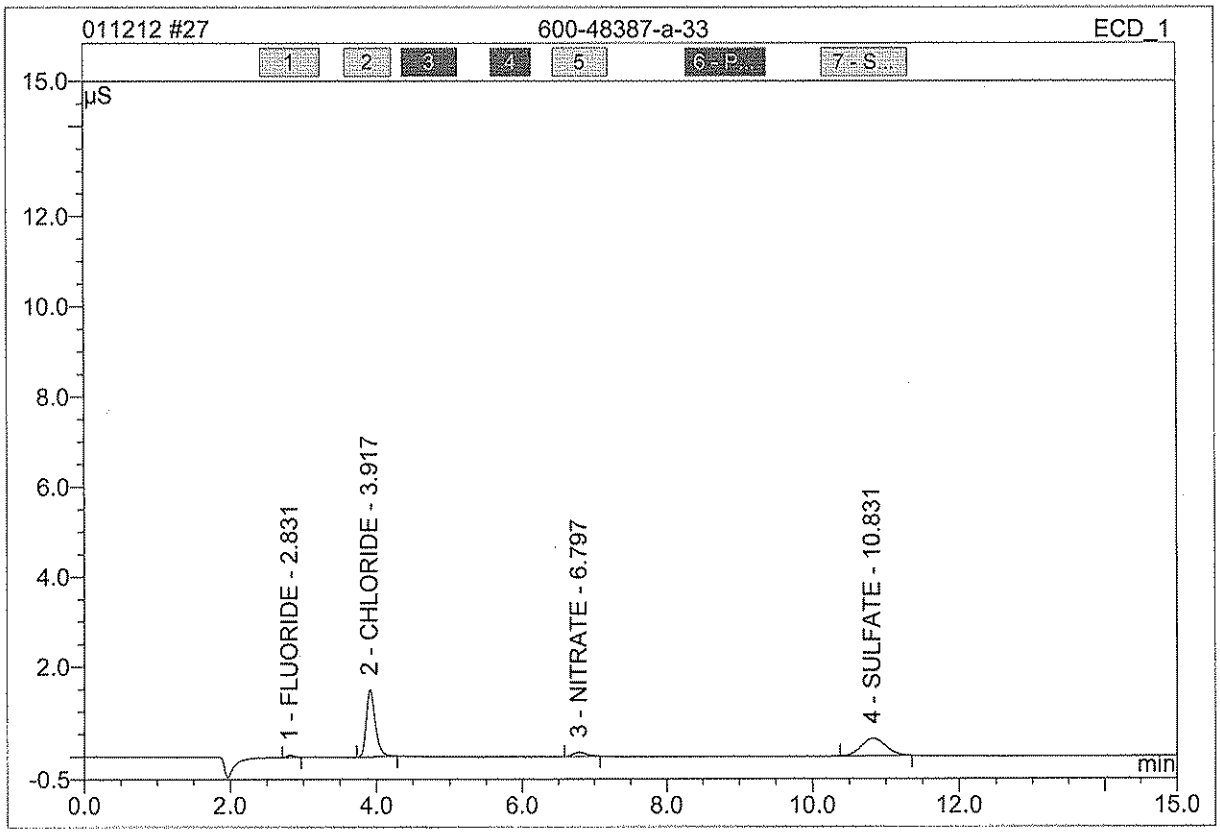
Sample Name:	**600-48387-a-32**	*Injection Volume:*	**10.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 16:06**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	2.278	0.321	60.91	5.047	BMB
2	6.81	NITRATE	0.092	0.020	3.85	0.369	BMB
3	10.83	SULFATE	0.465	0.186	35.24	4.263	BMB
Total:			2.835	0.528	100.00	9.679	

27 600-48387-a-33

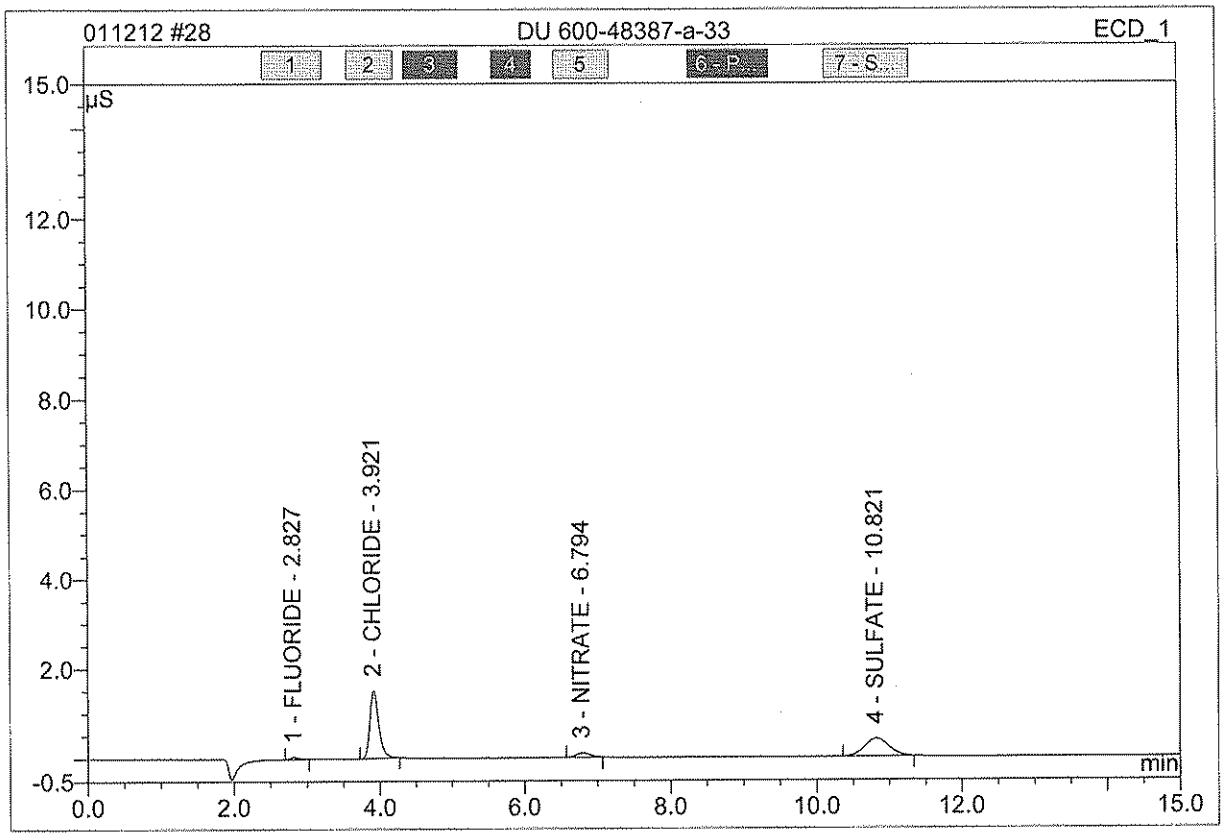
Sample Name:	**600-48387-a-33**	*Injection Volume:*	**10.0**
Vial Number:	**19**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 16:24**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.050	0.006	1.52	0.287	BMB
2	3.92	CHLORIDE	1.495	0.212	54.22	3.563	BMB
3	6.80	NITRATE	0.095	0.021	5.44	0.375	BMB
4	10.83	SULFATE	0.388	0.152	38.83	3.511	BMB
Total:			2.027	0.390	100.00	7.735	

28 DU 600-48387-a-33

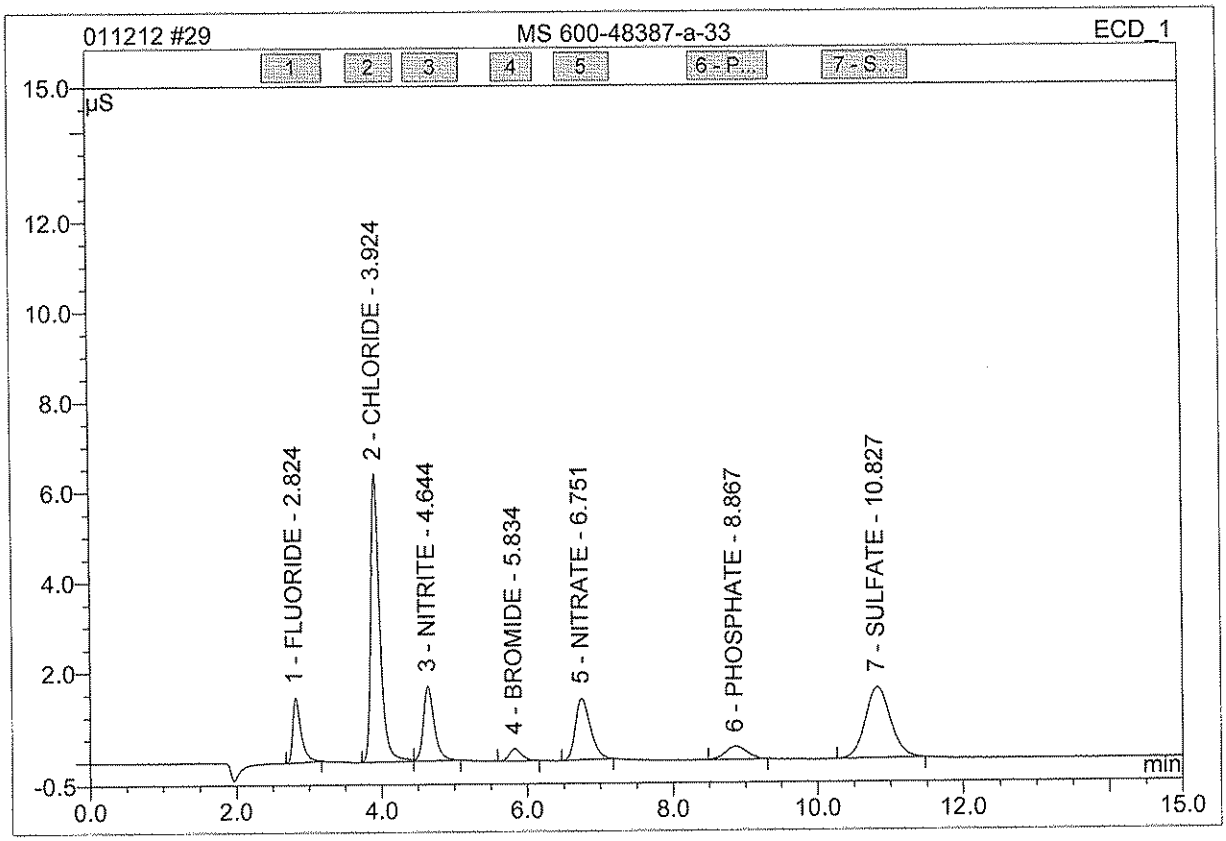
Sample Name:	**DU 600-48387-a-33**	*Injection Volume:*	**10.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 16:42**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.052	0.007	1.75	0.297	BMB
2	3.92	CHLORIDE	1.508	0.213	53.93	3.586	BMB
3	6.79	NITRATE	0.094	0.021	5.40	0.375	BMB
4	10.82	SULFATE	0.393	0.154	38.92	3.563	BMB
Total:			2.047	0.396	100.00	7.822	

29 MS 600-48387-a-33

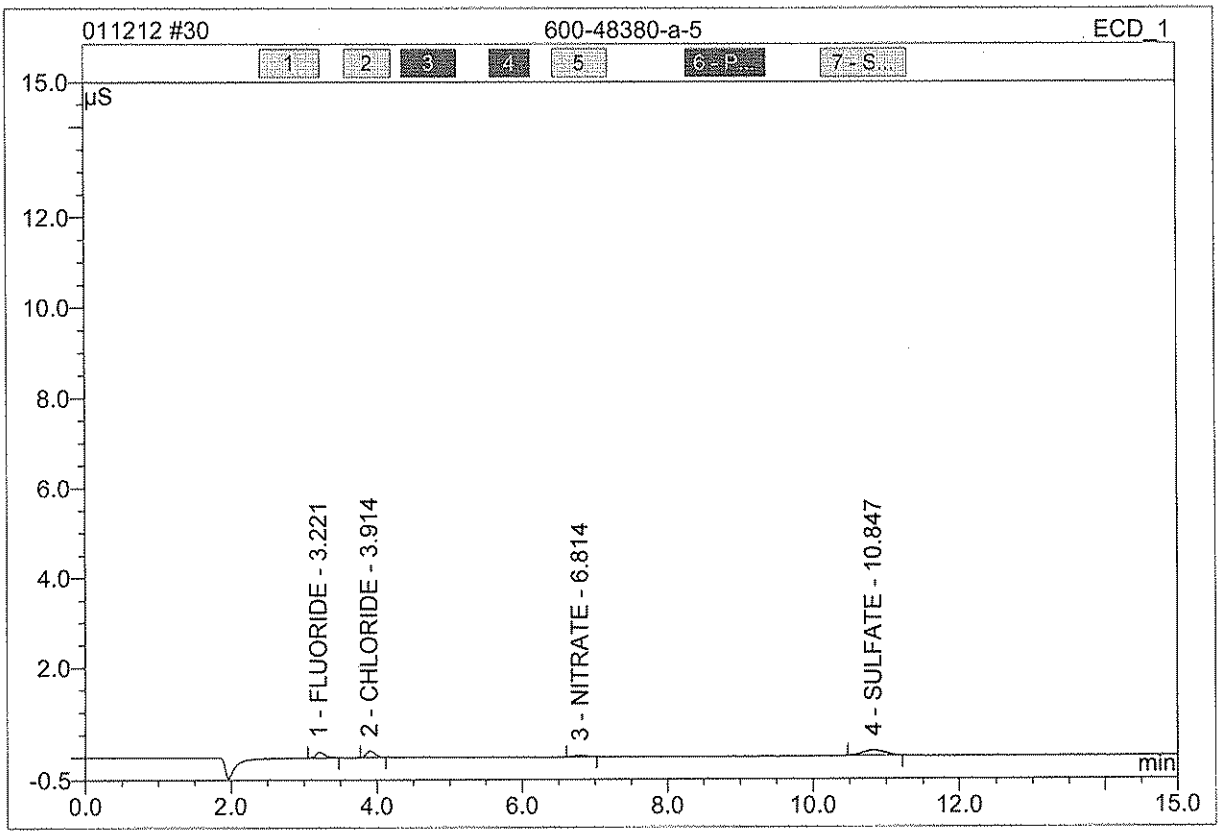
Sample Name:	**MS 600-48387-a-33**	*Injection Volume:*	**10.0**
Vial Number:	**21**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/12/2012 17:00**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.82	FLUORIDE	1.435	0.188	7.53	2.058	BMB
2	3.92	CHLORIDE	6.386	0.908	36.34	12.974	BM
3	4.64	NITRITE	1.656	0.289	11.56	2.048	MB
4	5.83	BROMIDE	0.266	0.054	2.16	2.039	BMB
5	6.75	NITRATE	1.368	0.328	13.14	2.326	BMB
6	8.87	PHOSPHATE	0.286	0.100	4.02	2.162	BMB
7	10.83	SULFATE	1.569	0.631	25.24	13.982	BMB
Total:			12.965	2.499	100.00	37.589	

30 600-48380-a-5

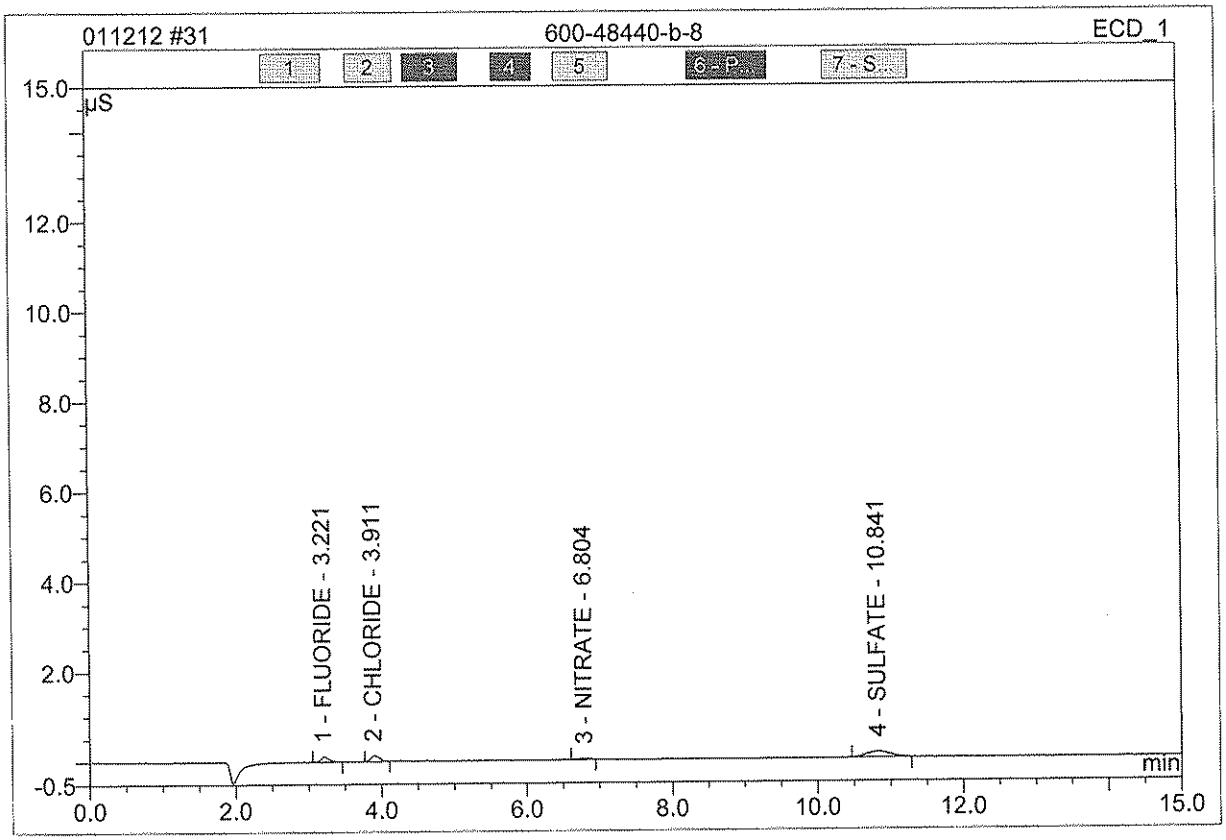
Sample Name:	**600-48380-a-5**	*Injection Volume:*	**10.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 17:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.22	FLUORIDE	0.128	0.017	20.07	0.397	BMB
2	3.91	CHLORIDE	0.148	0.020	23.20	0.973	BMB
3	6.81	NITRATE	0.033	0.007	8.06	0.284	BMB
4	10.85	SULFATE	0.115	0.042	48.67	1.112	BMB
Total:			0.424	0.086	100.00	2.766	

31 600-48440-b-8

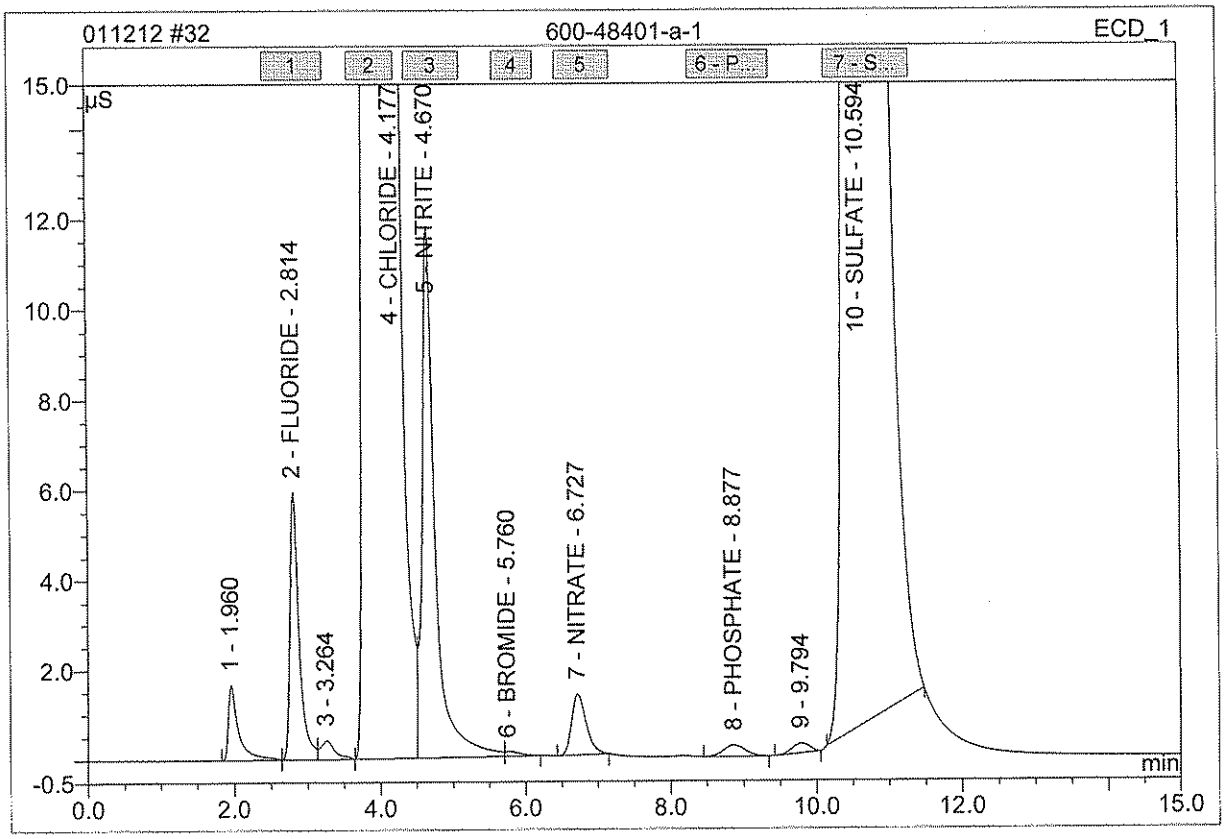
Sample Name:	**600-48440-b-8**	*Injection Volume:*	**10.0**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 17:36**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.22	FLUORIDE	0.113	0.015	17.44	0.377	BMB
2	3.91	CHLORIDE	0.135	0.018	20.97	0.950	BMB
3	6.80	NITRATE	0.026	0.005	5.77	0.272	BMB
4	10.84	SULFATE	0.129	0.048	55.83	1.258	BMB
Total:			0.403	0.087	100.00	2.857	

32 600-48401-a-1

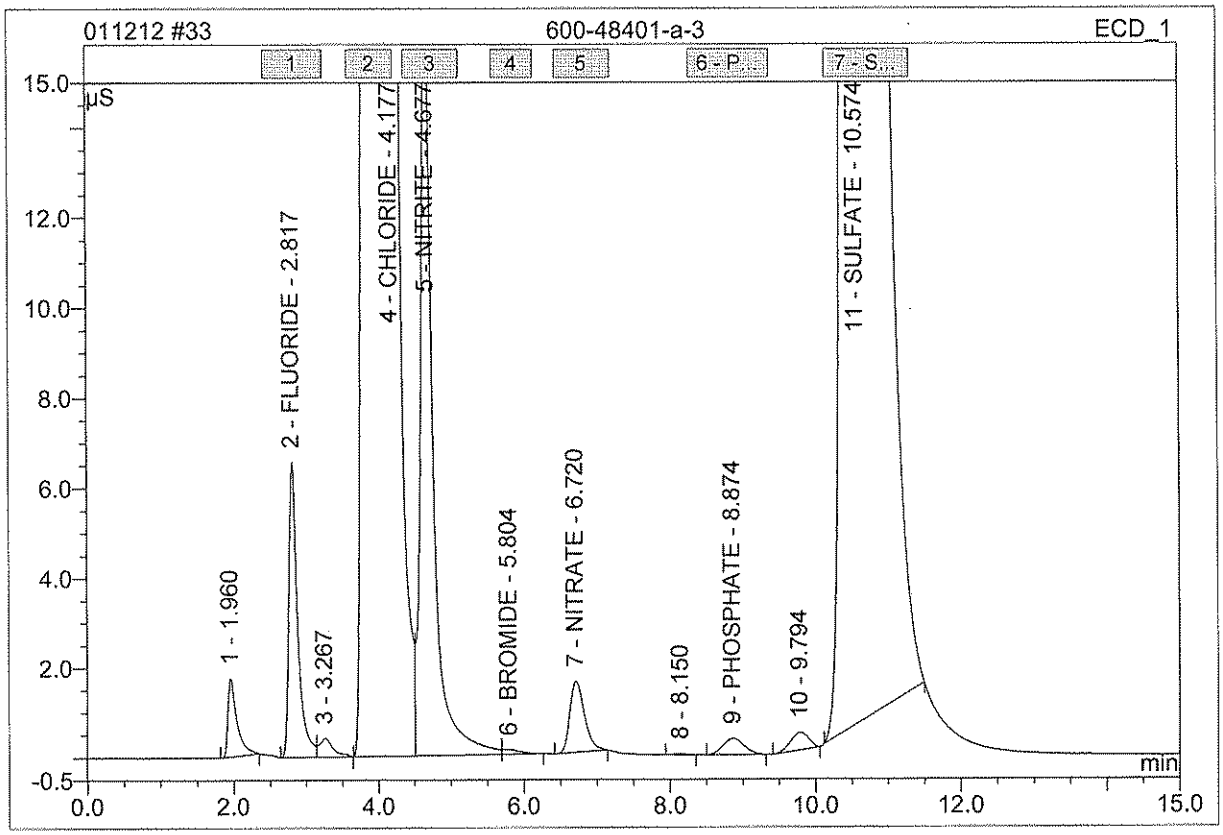
Sample Name:	**600-48401-a-1**	*Injection Volume:*	**10.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 17:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	1.672	0.272	0.22	n.a.	BM
2	2.81	FLUORIDE	5.948	0.859	0.70	8.572	M
3	3.26	n.a.	0.417	0.095	0.08	n.a.	MB
4	4.18	CHLORIDE	271.983	73.873	60.48	998.687	BM
5	4.67	NITRITE	11.798	2.419	1.98	15.534	M
6	5.76	BROMIDE	0.098	0.026	0.02	0.988	MB
7	6.73	NITRATE	1.352	0.318	0.26	2.262	BMB
8	8.88	PHOSPHATE	0.255	0.090	0.07	1.964	BMB
9	9.79	n.a.	0.217	0.061	0.05	n.a.	BMB
10	10.59	SULFATE	105.175	44.140	36.13	964.623	BMB
Total:			398.915	122.153	100.00	1992.628	

33 600-48401-a-3

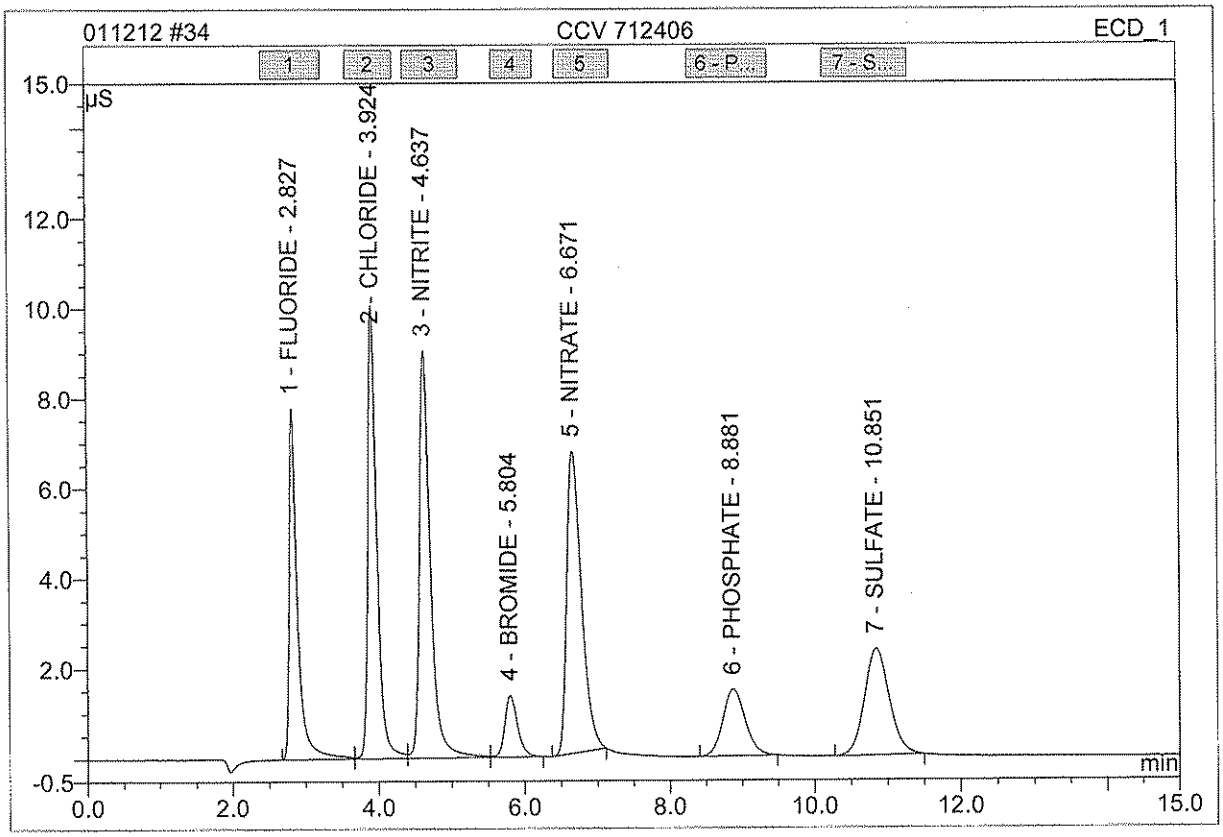
Sample Name:	**600-48401-a-3**	*Injection Volume:*	**10.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 18:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	1.749	0.252	0.20	n.a.	BMB
2	2.82	FLUORIDE	6.575	0.945	0.73	9.408	BM
3	3.27	n.a.	0.416	0.096	0.07	n.a.	MB
4	4.18	CHLORIDE	271.486	73.290	56.97	990.818	BM
5	4.68	NITRITE	17.285	3.319	2.58	21.231	M
6	5.80	BROMIDE	0.106	0.031	0.02	1.180	MB
7	6.72	NITRATE	1.583	0.368	0.29	2.577	BMB
8	8.15	n.a.	0.029	0.006	0.01	n.a.	BMB
9	8.87	PHOSPHATE	0.365	0.125	0.10	2.634	BMB
10	9.79	n.a.	0.387	0.113	0.09	n.a.	BMB
11	10.57	SULFATE	116.792	50.105	38.95	1094.960	BMB
Total:			416.774	128.650	100.00	2122.808	

34 CCV 712406

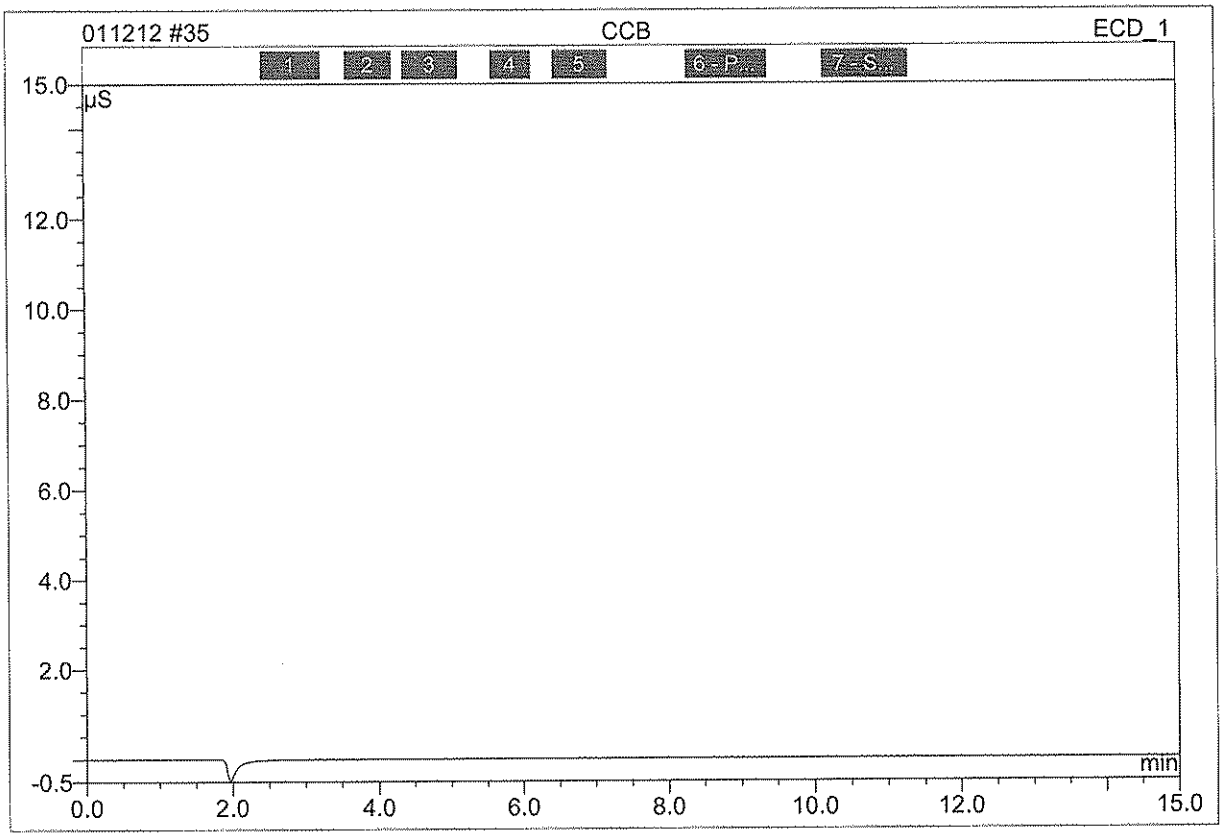
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 18:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.774	1.042	14.15	10.345	BM
2	3.92	CHLORIDE	10.068	1.419	19.28	19.869	M
3	4.64	NITRITE	9.042	1.586	21.55	10.256	M
4	5.80	BROMIDE	1.366	0.278	3.77	10.291	MB
5	6.67	NITRATE	6.690	1.565	21.26	10.181	BMB
6	8.88	PHOSPHATE	1.482	0.534	7.25	10.432	BMB
7	10.85	SULFATE	2.356	0.937	12.73	20.673	BMB
Total:			38.777	7.359	100.00	92.048	

35 CCB

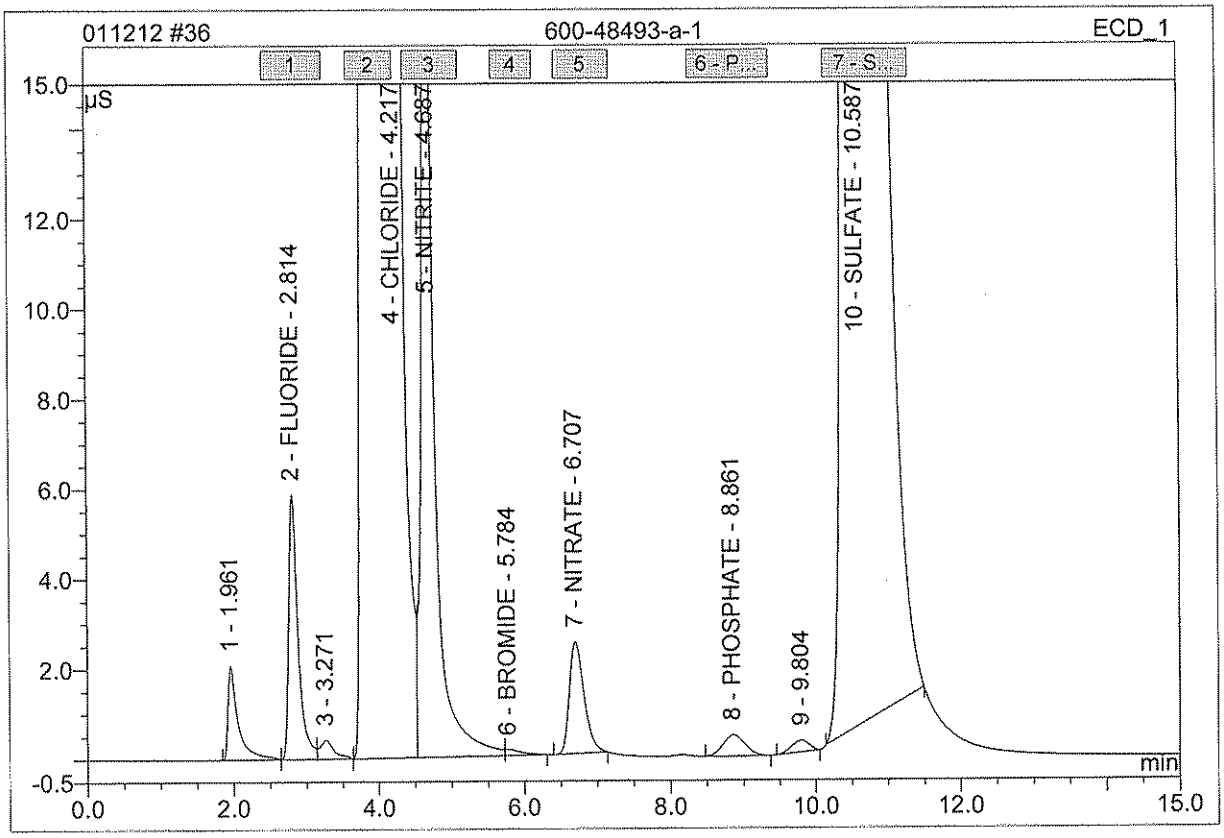
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 18:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

36 600-48493-a-1

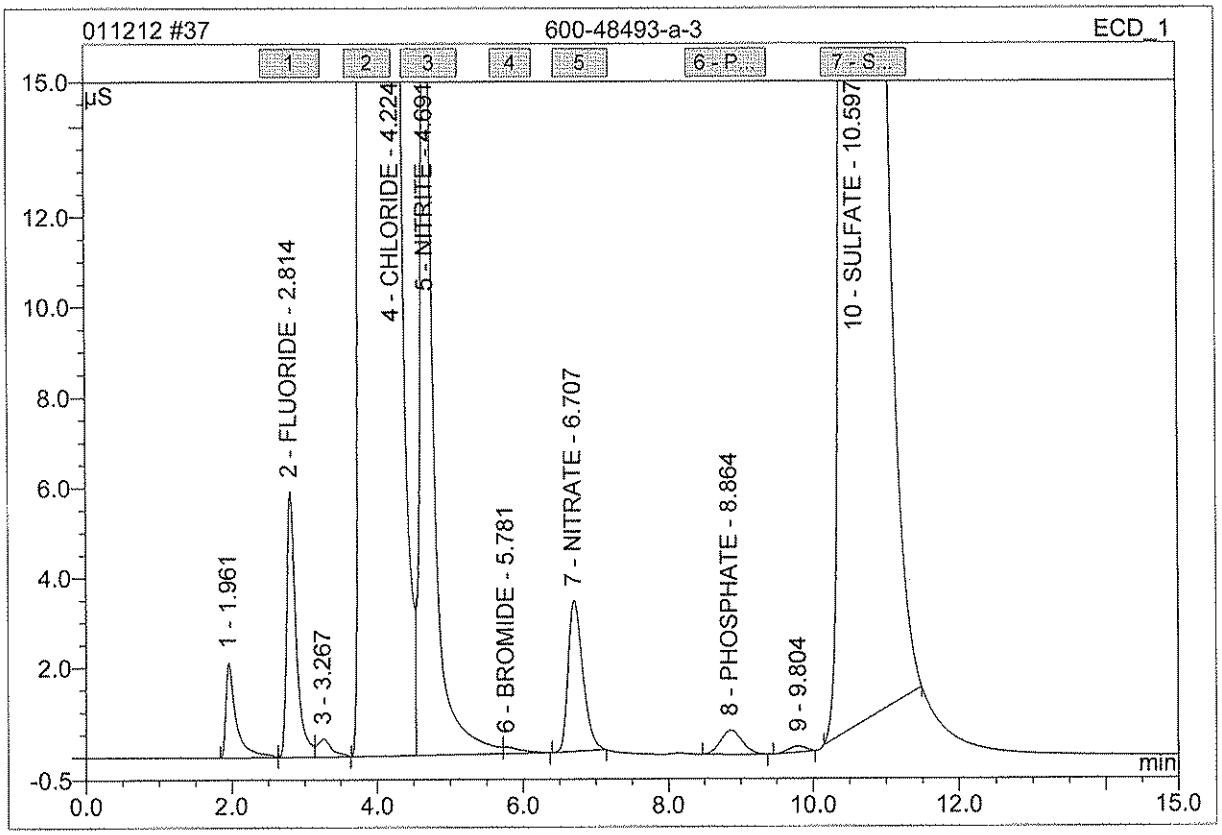
Sample Name:	**600-48493-a-1**	*Injection Volume:*	**10.0**
Vial Number:	**28**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 19:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	2.078	0.338	0.23	n.a.	BM
2	2.81	FLUORIDE	5.872	0.875	0.61	8.730	M
3	3.27	n.a.	0.417	0.096	0.07	n.a.	MB
4	4.22	CHLORIDE	305.795	92.003	63.81	1243.615	BM
5	4.69	NITRITE	20.935	4.002	2.78	25.554	M
6	5.78	BROMIDE	0.134	0.035	0.02	1.317	MB
7	6.71	NITRATE	2.476	0.580	0.40	3.925	BMB
8	8.86	PHOSPHATE	0.471	0.164	0.11	3.378	BMB
9	9.80	n.a.	0.258	0.074	0.05	n.a.	BMB
10	10.59	SULFATE	108.768	46.016	31.91	1005.615	BMB
Total:			447.205	144.182	100.00	2292.135	

37 600-48493-a-3

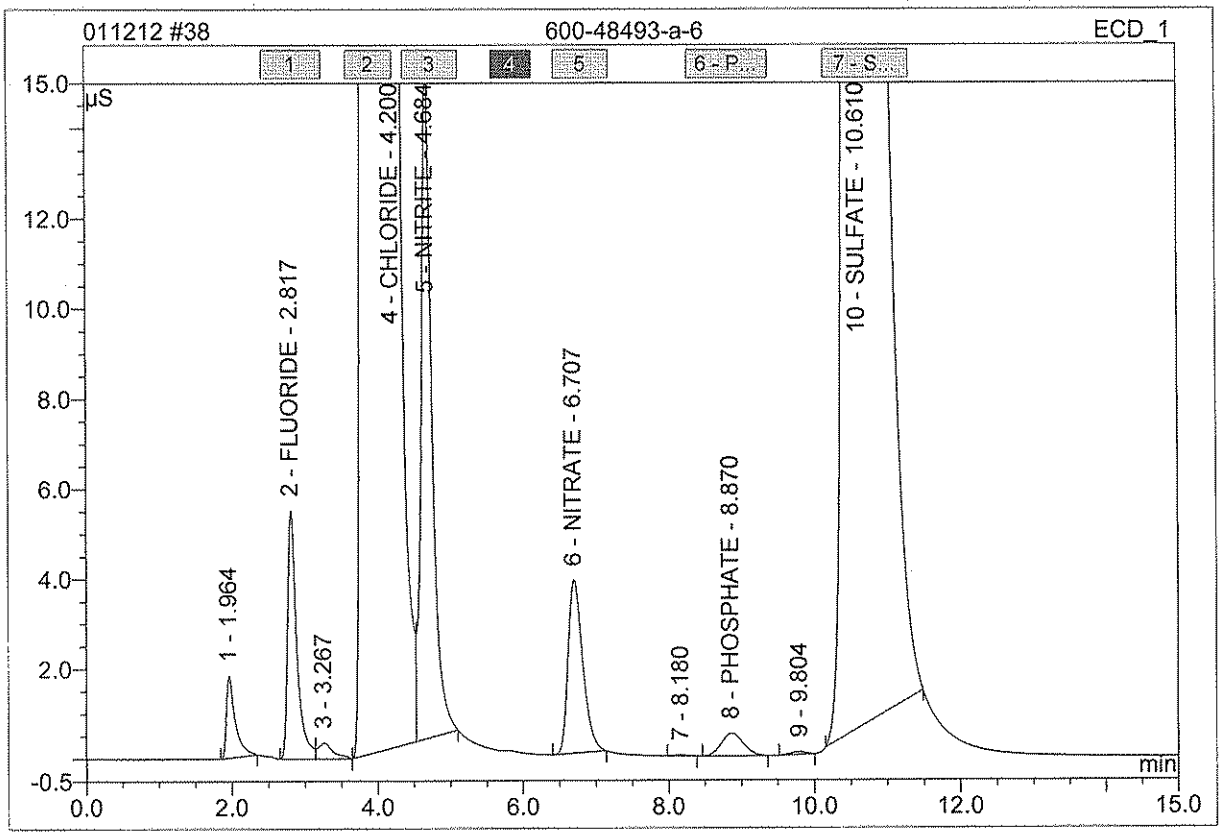
Sample Name:	**600-48493-a-3**	*Injection Volume:*	**10.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 19:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	2.120	0.346	0.24	n.a.	BM
2	2.81	FLUORIDE	5.912	0.886	0.61	8.837	M
3	3.27	n.a.	0.407	0.095	0.07	n.a.	MB
4	4.22	CHLORIDE	311.557	95.393	65.32	1289.423	BM
5	4.69	NITRITE	20.526	3.954	2.71	25.251	M
6	5.78	BROMIDE	0.145	0.042	0.03	1.577	MB
7	6.71	NITRATE	3.355	0.787	0.54	5.241	BMB
8	8.86	PHOSPHATE	0.533	0.187	0.13	3.810	BMB
9	9.80	n.a.	0.133	0.037	0.03	n.a.	BMB
10	10.60	SULFATE	105.371	44.320	30.35	968.560	BMB
Total:			450.060	146.047	100.00	2302.701	

38 600-48493-a-6

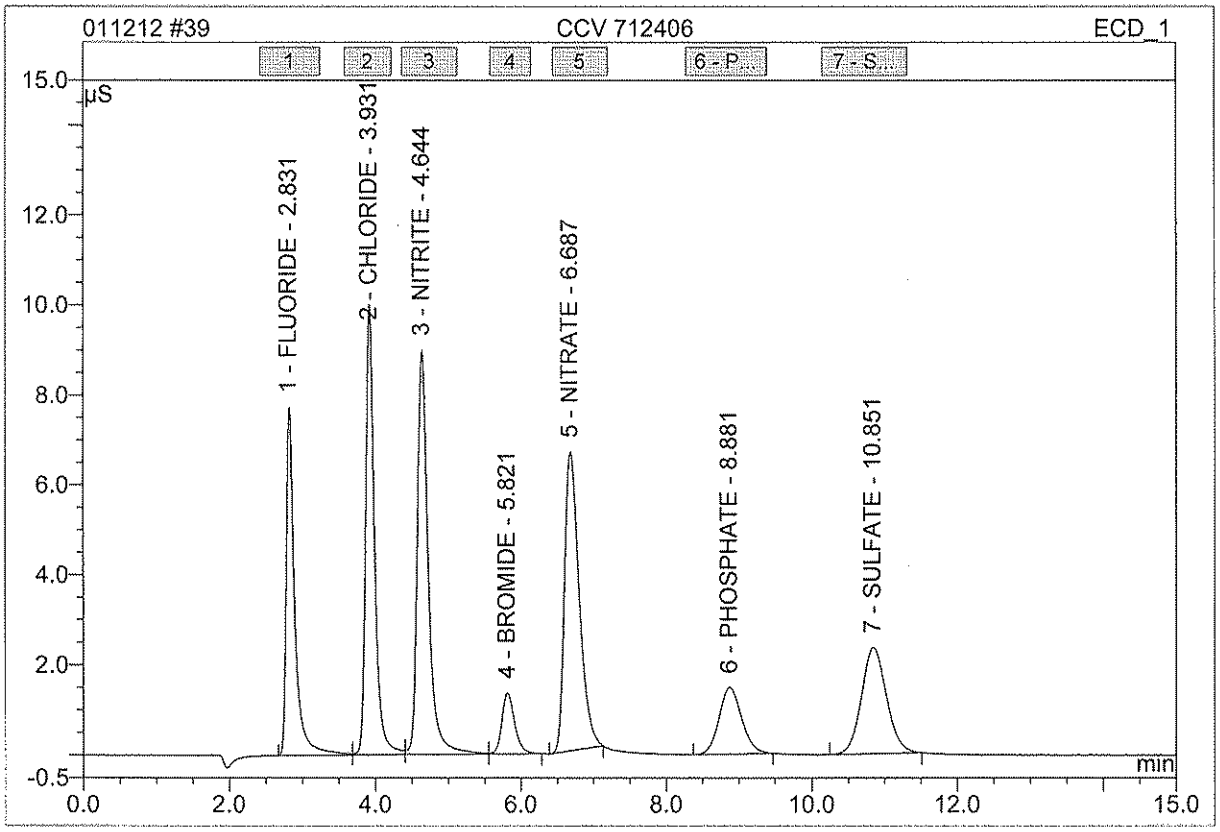
Sample Name:	**600-48493-a-6**	*Injection Volume:*	**10.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 19:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.96	n.a.	1.828	0.260	0.20	n.a.	BMB
2	2.82	FLUORIDE	5.528	0.810	0.63	8.101	BM
3	3.27	n.a.	0.358	0.086	0.07	n.a.	MB
4	4.20	CHLORIDE	289.663	82.489	63.73	1115.094	BM
5	4.68	NITRITE	14.744	2.568	1.98	16.478	MB
6	6.71	NITRATE	3.851	0.904	0.70	5.980	BMB
7	8.18	n.a.	0.030	0.006	0.00	n.a.	BMB
8	8.87	PHOSPHATE	0.508	0.180	0.14	3.686	BMB
9	9.80	n.a.	0.065	0.016	0.01	n.a.	BMB
10	10.61	SULFATE	100.909	42.110	32.53	920.281	BMB
Total:			417.484	129.431	100.00	2069.620	

39 CCV 712406

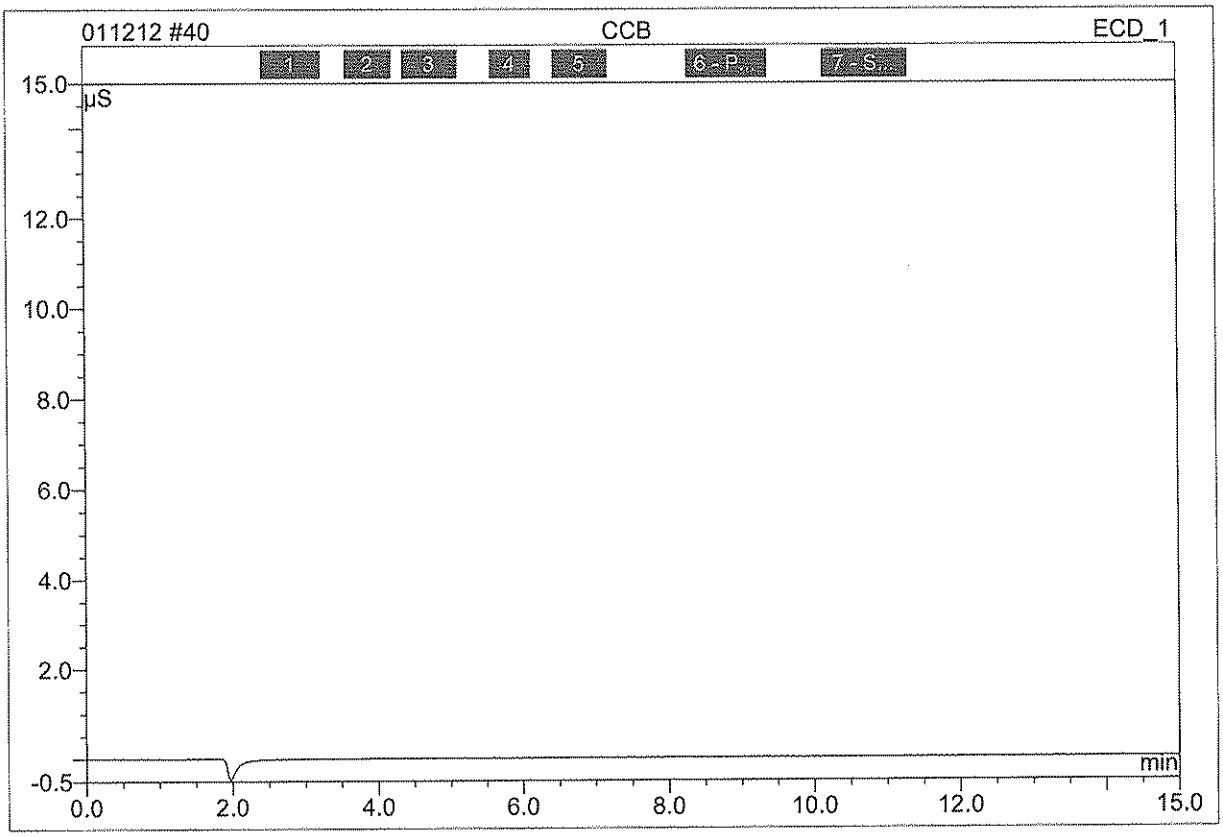
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**31**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 19:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.742	1.036	14.13	10.289	BM
2	3.93	CHLORIDE	10.016	1.411	19.25	19.772	M
3	4.64	NITRITE	8.984	1.579	21.53	10.213	M
4	5.82	BROMIDE	1.354	0.277	3.78	10.275	MB
5	6.69	NITRATE	6.636	1.561	21.30	10.158	BMB
6	8.88	PHOSPHATE	1.471	0.532	7.25	10.394	BMB
7	10.85	SULFATE	2.347	0.935	12.75	20.628	BMB
Total:			38.551	7.331	100.00	91.730	

40 CCB

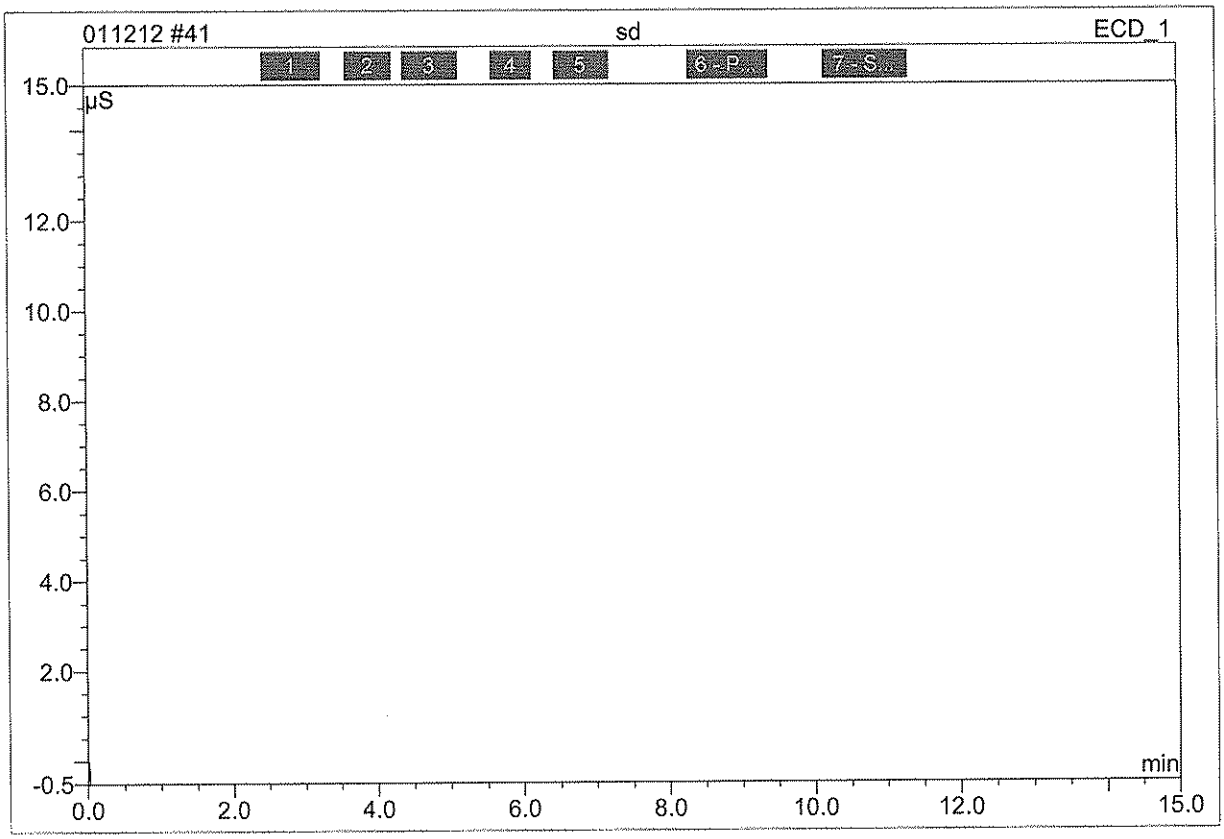
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 20:17**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

41 sd

Sample Name:	**sd**	*Injection Volume:*	**10.0**
Vial Number:	**33**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Shutdown**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/12/2012 20:35**	*Sample Weight:*	**1.0000**
Run Time (min):	**1.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

DI leach Batch→ 69833
Batch→ 69903→ 9056·28D
69964→ 9056·48 HR

Sequence: 011112
Operator: Houston_Wetchem_inst
Printed: 1/11/2012 12:00:26 PM

MS-(723649) 0·25ml-9·5ml MP8X

Title: Test
Datasource: HOUDH19WG91_local
Location: ICS2000
Timebase: ICS2000
#Samples: 48

Created: 1/11/2012 11:56:42 AM by Houston_Wetchem_inst
Last Update: 1/11/2012 12:00:17 PM by Houston_Wetchem_inst

1/12/12

No.	Name	Type	Pos.	Program	Method	Status	Inj. Date/Time
1	RINSE	Unknown	1	AS18 CC8	CALIBRATIONREG091411	Finished	
2	CAL1 651173	Standard	2	AS18 CC8	CALIBRATIONREG110411	Finished	
3	CAL2 651176	Standard	3	AS18 CC8	CALIBRATIONREG110411	Finished	
4	CAL3 651177	Standard	4	AS18 CC8	CALIBRATIONREG110411	Finished	
5	CAL4 651178	Standard	5	AS18 CC8	CALIBRATIONREG110411	Finished	
6	CAL5 651183	Standard	6	AS18 CC8	CALIBRATIONREG110411	Finished	
7	CAL6 651184	Standard	7	AS18 CC8	CALIBRATIONREG110411	Finished	
8	CAL7 651185	Standard	8	AS18 CC8	CALIBRATIONREG110411	Finished	
9	CAL8 651186	Standard	9	AS18 CC8	CALIBRATIONREG110411	Finished	
10	RINSE	Unknown	1	AS18 CC8	CALIBRATIONREG110411	Single	
11	ICV 650601	Unknown	2	AS18 CC8	CALIBRATIONREG110411	Single	
12	ICB	Unknown	3	AS18 CC8	CALIBRATIONREG110411	Single	
13	MB	Unknown	4	AS18 CC8	CALIBRATIONREG110411	Single	
14	LCS 650601	Unknown	5	AS18 CC8	CALIBRATIONREG110411	Single	
15	MB 763129	Unknown	6	AS18 CC8	CALIBRATIONREG110411	Single	
16	LCS 763130	Unknown	7	AS18 CC8	CALIBRATIONREG110411	Single	
17	600-48442-a-1-c	Unknown	8	AS18 CC8	CALIBRATIONREG110411	Single	
18	600-48442-a-2-c	Unknown	9	AS18 CC8	CALIBRATIONREG110411	Single	
19	600-48442-a-3-c	Unknown	10	AS18 CC8	CALIBRATIONREG110411	Single	
20	600-48442-a-3-c	Unknown	11	AS18 CC8	CALIBRATIONREG110411	Single	
21	600-48442-a-4-c	Unknown	12	AS18 CC8	CALIBRATIONREG110411	Single	
22	600-48442-a-5-c	Unknown	13	AS18 CC8	CALIBRATIONREG110411	Single	
23	CCV 650457	Unknown	14	AS18 CC8	CALIBRATIONREG110411	Single	
24	CCB	Unknown	15	AS18 CC8	CALIBRATIONREG110411	Single	
25	600-48442-a-6-b	Unknown	16	AS18 CC8	CALIBRATIONREG110411	Single	
26	600-48442-a-7-b	Unknown	17	AS18 CC8	CALIBRATIONREG110411	Single	
27	600-48442-a-8-b	Unknown	18	AS18 CC8	CALIBRATIONREG110411	Single	
28	600-48442-a-8-c du	Unknown	19	AS18 CC8	CALIBRATIONREG110411	Single	
29	600-48442-a-8-d ms	Unknown	20	AS18 CC8	CALIBRATIONREG110411	Single	
30	600-48442-a-9-b	Unknown	21	AS18 CC8	CALIBRATIONREG110411	Single	
31	600-48442-a-10-b	Unknown	22	AS18 CC8	CALIBRATIONREG110411	Single	
32	600-48442-a-11-f	Unknown	23	AS18 CC8	CALIBRATIONREG110411	Single	
33	600-48442-a-11-G MS	Unknown	24	AS18 CC8	CALIBRATIONREG110411	Single	
34	600-48442-a-11-h msd	Unknown	25	AS18 CC8	CALIBRATIONREG110411	Single	
35	CCV 650457	Unknown	26	AS18 CC8	CALIBRATIONREG110411	Single	
36	CCB	Unknown	27	AS18 CC8	CALIBRATIONREG110411	Single	
37	600-48565-b-1-a	Unknown	28	AS18 CC8	CALIBRATIONREG110411	Single	
38	600-48565-b-2-a	Unknown	29	AS18 CC8	CALIBRATIONREG110411	Single	
39	600-48565-b-3-a	Unknown	30	AS18 CC8	CALIBRATIONREG110411	Single	
40	600-48565-b-4-a	Unknown	31	AS18 CC8	CALIBRATIONREG110411	Single	
41	600-48565-b-5-a	Unknown	32	AS18 CC8	CALIBRATIONREG110411	Single	
42	600-48380-b-1-b	Unknown	33	AS18 CC8	CALIBRATIONREG110411	Single	

SCANNED

Chromeleon © Dionex Corporation, Version 6.80 Build 2212

Title: Test
Datasource: HOUDH19WG91_local
Location: ICS2000
Timebase: ICS2000
#Samples: 48
Created: 1/11/2012 11:56:42 AM by Houston_Wetchem_inst
Last Update: 1/11/2012 12:00:17 PM by Houston_Wetchem_inst

No.	Name	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
1	RINSE	1.0000	1.0000	1.0000		01	
2	CAL1 651173	1.0000	1.0000	1.0000		01	
3	CAL2 651176	1.0000	1.0000	1.0000		01	
4	CAL3 651177	1.0000	1.0000	1.0000		01	
5	CAL4 651178	1.0000	1.0000	1.0000		01	
6	CAL5 651183	1.0000	1.0000	1.0000		01	
7	CAL6 651184	1.0000	1.0000	1.0000		01	
8	CAL7 651185	1.0000	1.0000	1.0000		01	
9	CAL8 651186	1.0000	1.0000	1.0000		01	
10	RINSE	1.0000	1.0000	1.0000		01	
11	ICV 650601	1.0000	1.0000	1.0000		01	
12	ICB	1.0000	1.0000	1.0000		01	
13	MB	1.0000	1.0000	1.0000		01	
14	LCS 650601	1.0000	1.0000	1.0000		01	
15	MB 763129	1.0000	1.0000	1.0000		01	
16	LCS 763130	1.0000	1.0000	1.0000		01	
17	600-48442-a-1-c	1.0000	1.0000	1.0000		01	
18	600-48442-a-2-c	1.0000	1.0000	1.0000		01	
19	600-48442-a-3-c	1.0000	1.0000	1.0000		01	
20	600-48442-a-3-c	10.0000	10.0000	1.0000		01	
21	600-48442-a-4-c	1.0000	1.0000	1.0000		01	
22	600-48442-a-5-c	1.0000	1.0000	1.0000		01	
23	CCV 650457	1.0000	1.0000	1.0000		01	
24	CCB	1.0000	1.0000	1.0000		01	
25	600-48442-a-6-b	1.0000	1.0000	1.0000		01	
26	600-48442-a-7-b	1.0000	1.0000	1.0000		01	
27	600-48442-a-8-b	1.0000	1.0000	1.0000		01	
28	600-48442-a-8-c du	1.0000	1.0000	1.0000		01	
29	600-48442-a-8-d ms	1.0000	1.0000	1.0000		01	
30	600-48442-a-9-b	1.0000	1.0000	1.0000		01	
31	600-48442-a-10-b	1.0000	1.0000	1.0000		01	
32	600-48442-a-11-f	1.0000	1.0000	1.0000		01	
33	600-48442-a-11-G MS	1.0000	1.0000	1.0000		01	
34	600-48442-a-11-h msd	1.0000	1.0000	1.0000		01	
35	CCV 650457	1.0000	1.0000	1.0000		01	
36	CCB	1.0000	1.0000	1.0000		01	
37	600-48565-b-1-a	1.0000	1.0000	1.0000		01	
38	600-48565-b-2-a	1.0000	1.0000	1.0000		01	
39	600-48565-b-3-a	1.0000	1.0000	1.0000		01	
40	600-48565-b-4-a	1.0000	1.0000	1.0000		01	
41	600-48565-b-5-a	1.0000	1.0000	1.0000		01	
42	600-48380-b-1-b	10.0000	10.0000	1.0000		01	

Title: Test
Datasource: HOUDH19WG91_local
Location: ICS2000
Timebase: ICS2000 Created: 1/11/2012 11:56:42 AM by Houston_Wetchem_inst
#Samples: 48 Last Update: 1/11/2012 12:00:17 PM by Houston_Wetchem_inst

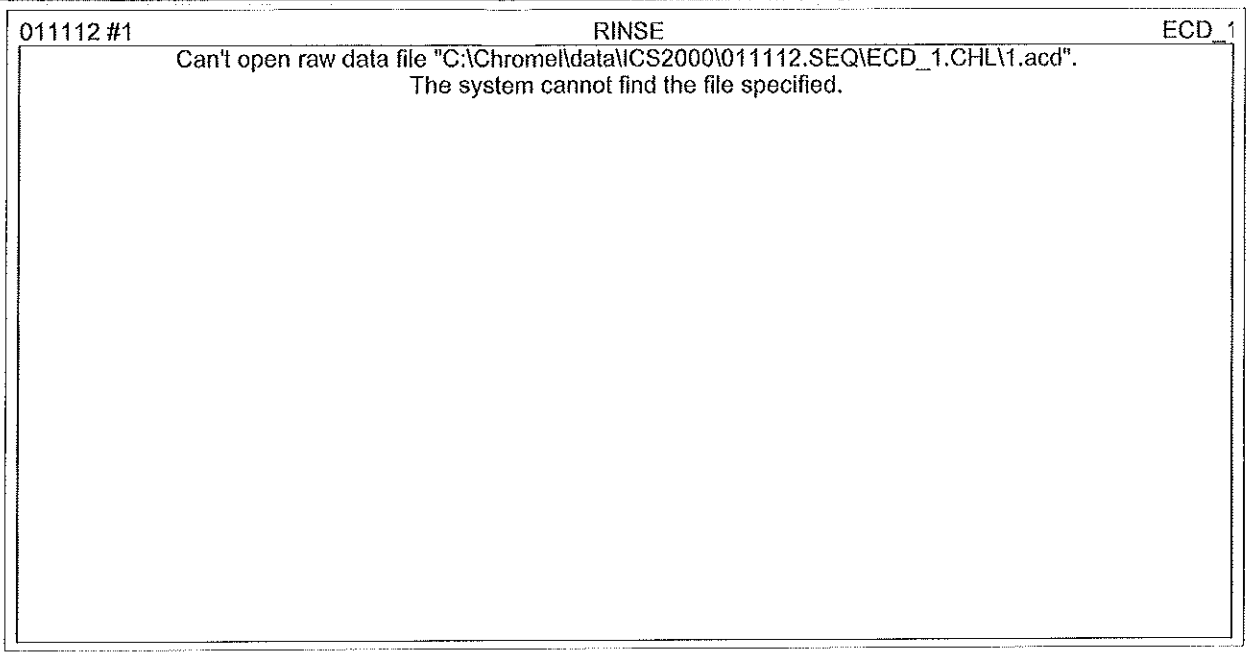
No.	Name	Type	Pos.	Program	Method	Status	Inj. Date/Time
43	600-48380-b-1-b	Unknown	34	AS18 CC8	CALIBRATIONREG110411	Single	
44	600-48380-b-2-a	Unknown	35	AS18 CC8	CALIBRATIONREG110411	Single	
45	600-48440-a-6-a	Unknown	36	AS18 CC8	CALIBRATIONREG110411	Single	
46	CCV 650457	Unknown	37	AS18 CC8	CALIBRATIONREG110411	Single	
47	CCB	Unknown	38	AS18 CC8	CALIBRATIONREG110411	Single	
48	SHUTDOWN	Unknown	39	shutdownsys	CALIBRATIONREG110411	Single	

Title: Test
Datasource: HOUDH19WG91_local
Location: ICS2000
Timebase: ICS2000
#Samples: 48
Created: 1/11/2012 11:56:42 AM by Houston_Wetchem_inst
Last Update: 1/11/2012 12:00:17 PM by Houston_Wetchem_inst

No.	Name	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
43	600-48380-b-1-b	100.0000	100.0000	1.0000		01	
44	600-48380-b-2-a	10.0000	10.0000	1.0000		01	
45	600-48440-a-6-a	20.0000	20.0000	1.0000		01	
46	CCV 650457	1.0000	1.0000	1.0000		01	
47	CCB	1.0000	1.0000	1.0000		01	
48	SHUTDOWN	1.0000	1.0000	1.0000		01	

1 RINSE

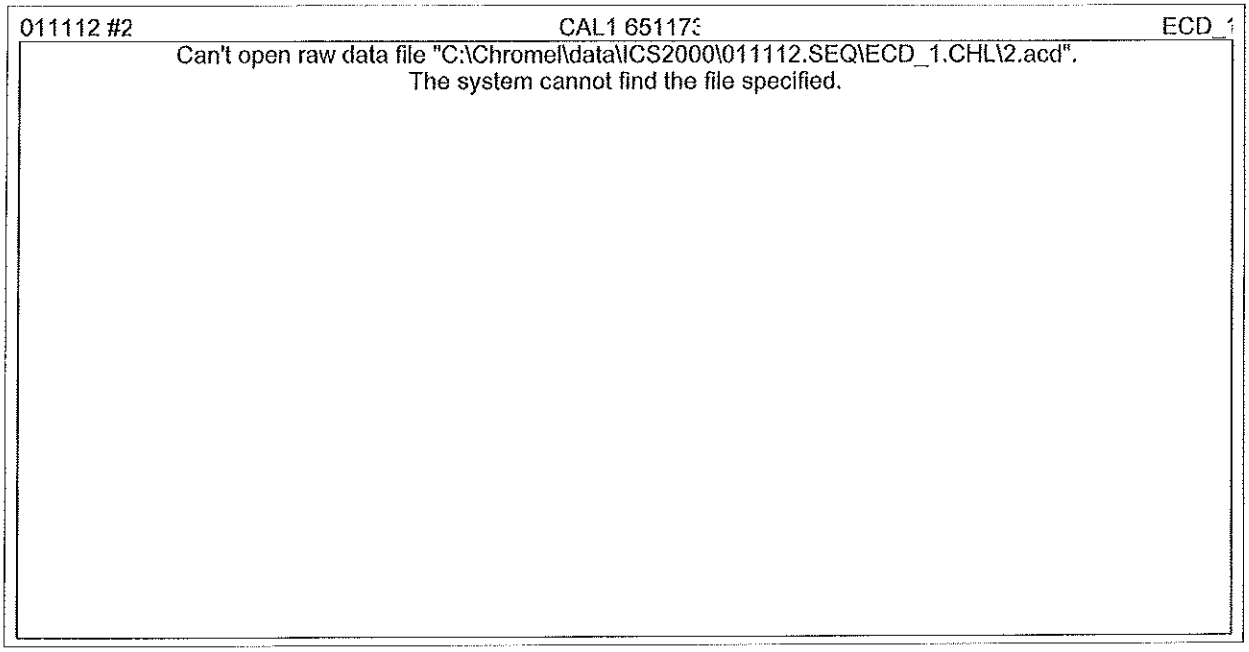
Sample Name:	**RINSE**	*Injection Volume:*	**20.0**
Injection Number:	**1**	*Channel:*	**n.a.**
Sample Type:	**unknown**	*Pressure:*	**n.a.**
Control Program:	**AS18 CC8**	*Total Conductivity:*	**n.a.**
Quantif. Method:	**CALIBRATIONREG091411**	**Dilution Factor:**	**1.0000**
Recording Time:	**n.a.**	**Sample Weight:**	**1.0000**
Run Time (min):	**n.a.**	Sample Amount:	**1.0000**



n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

2 CAL1 651173

Sample Name:	CAL1 651173	*Injection Volume:*	20.0
Injection Number:	2	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000



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	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

3 CAL2 651176

Sample Name:	CAL2 651176	*Injection Volume:*	20.0
Injection Number:	3	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #3 CAL2 65117(ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\3.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

4 CAL3 651177

Sample Name:	CAL3 651177	*Injection Volume:*	20.0
Injection Number:	4	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #4 CAL3 651177 ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\4.acd".
The system cannot find the file specified.

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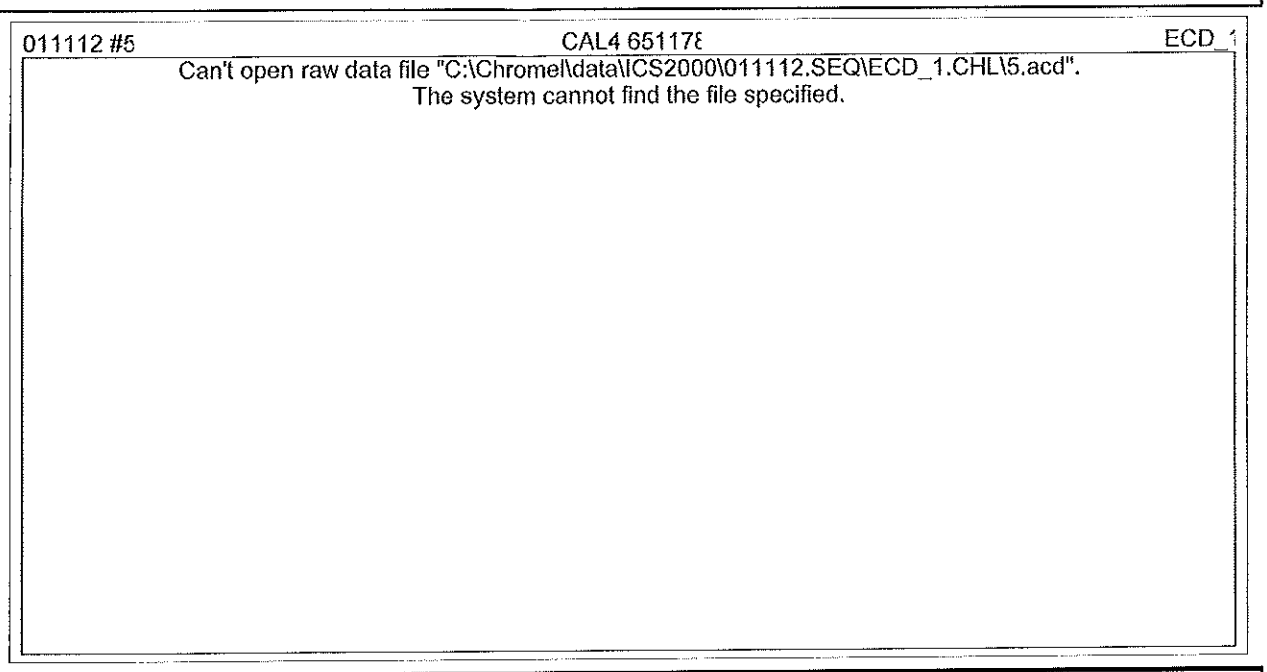
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

5 CAL4 651178

Sample Name:	CAL4 651178	*Injection Volume:*	20.0
Injection Number:	5	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000



n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

6 CAL5 651183

Sample Name:	CAL5 651183	*Injection Volume:*	20.0
Injection Number:	6	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #6 CAL5 651183 ECD_1

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The system cannot find the file specified.

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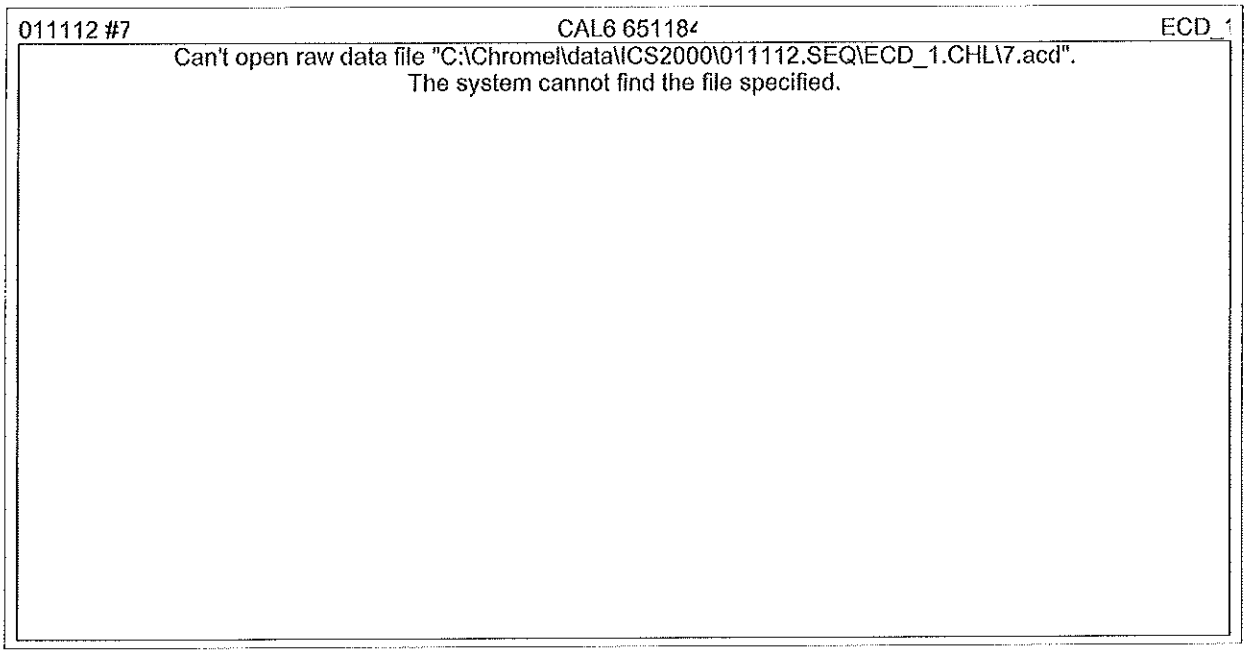
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

7 CAL6 651184

Sample Name:	CAL6 651184	*Injection Volume:*	20.0
Injection Number:	7	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000



n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

8 CAL7 651185

Sample Name:	CAL7 651185	*Injection Volume:*	20.0
Injection Number:	8	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #8 CAL7 65118 ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\8.acd".
The system cannot find the file specified.

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	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

9 CAL8 651186

Sample Name:	CAL8 651186	*Injection Volume:*	20.0
Injection Number:	9	*Channel:*	n.a.
Sample Type:	standard	*Pressure:*	n.a.
Control Program:	AS18 CC8	*Total Conductivity:*	n.a.
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	n.a.	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

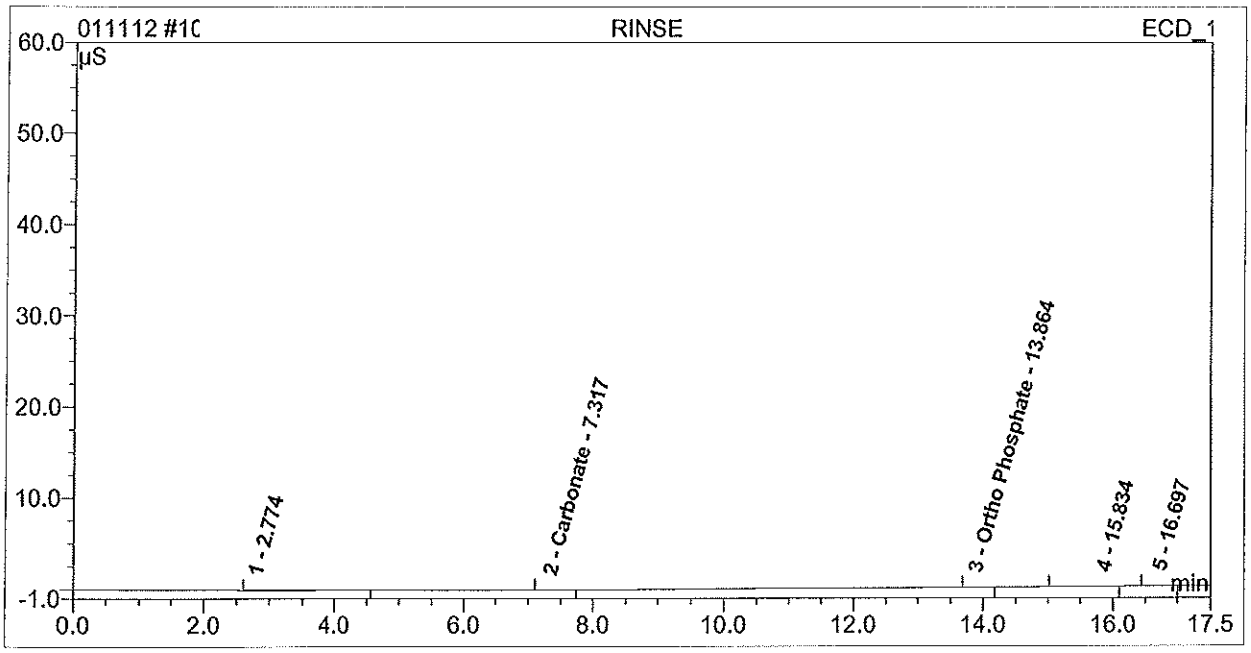
011112 #9 CAL8 65118(ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\9.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

10 RINSE

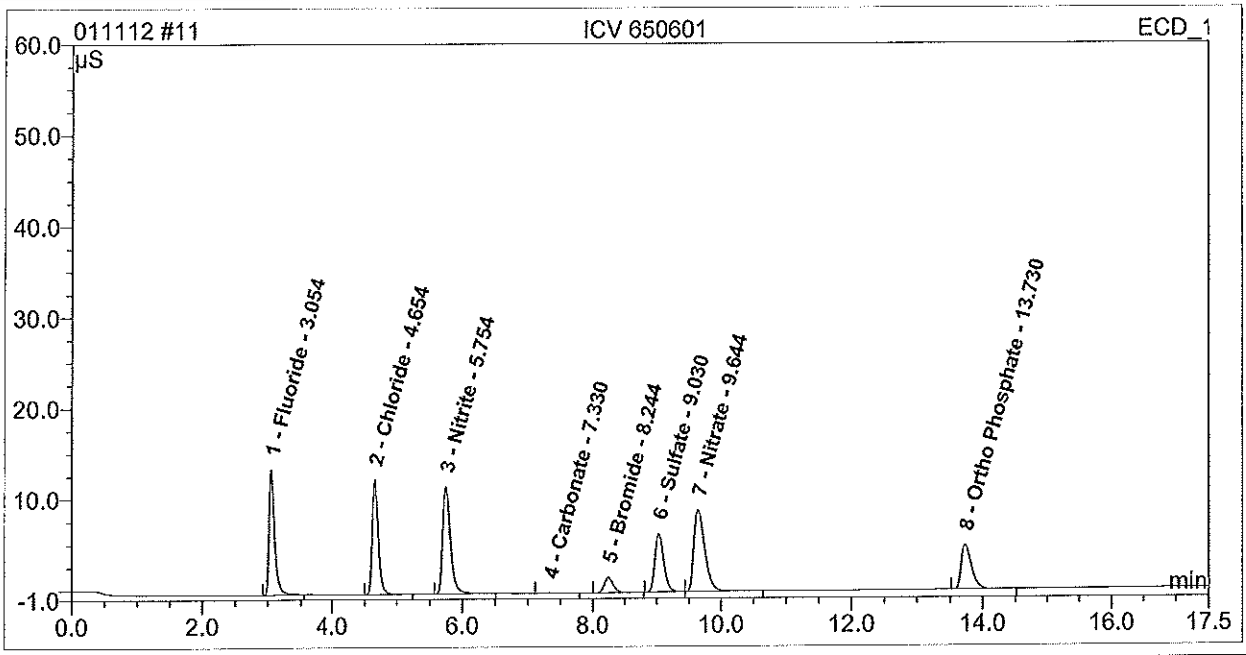
Sample Name:	RINSE	*Injection Volume:*	20.0
Injection Number:	10	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1817.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.012
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 12:12	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	7.32	Carbonate	0.040	0.008	11.73	n.a.	1.0000
3	13.86	Ortho Phosphate	0.029	0.006	7.96	-0.203	1.0000
Total:			0.070	0.014	19.69	-0.203	

11 ICV 650601

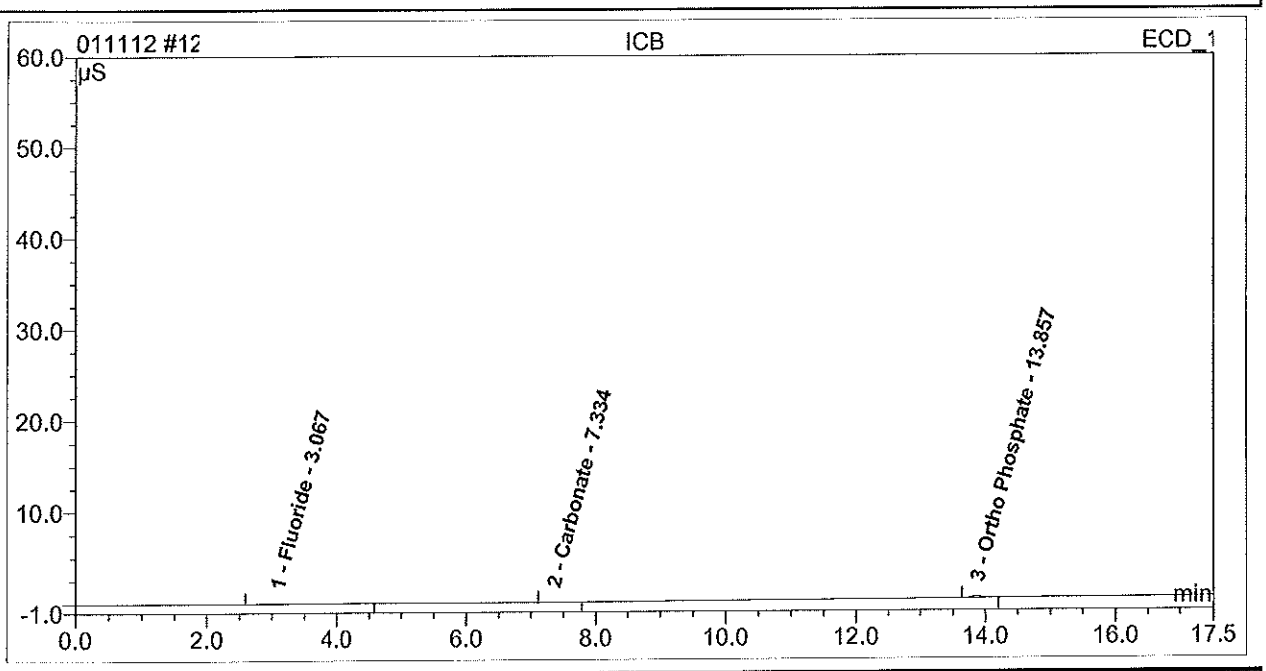
Sample Name:	ICV 650601	*Injection Volume:*	20.0
Injection Number:	11	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1816.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.264
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 13:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	13.749	1.332	15.75	11.798	1.0000
2	4.65	Chloride	12.635	1.426	16.86	20.282	1.0000
3	5.75	Nitrite	11.766	1.688	19.96	10.692	1.0000
4	7.33	Carbonate	0.053	0.011	0.13	n.a.	1.0000
5	8.24	Bromide	1.665	0.277	3.28	8.896	1.0000
6	9.03	Sulfate	6.374	1.041	12.31	20.570	1.0000
7	9.64	Nitrate	8.943	1.789	21.15	9.426	1.0000
8	13.73	Ortho Phosphate	4.867	0.893	10.55	10.730	1.0000
Total:			60.051	8.458	100.00	92.394	

12 ICB

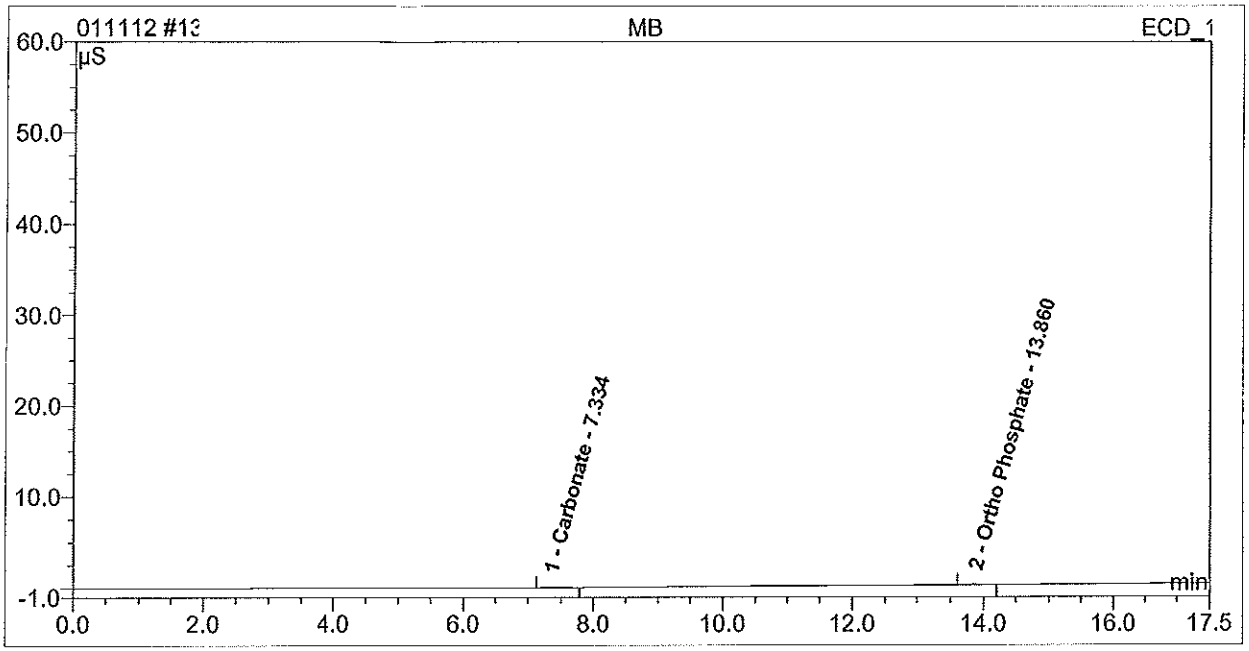
Sample Name:	ICB	*Injection Volume:*	20.0
Injection Number:	12	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1809.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.226
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 13:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.07	Fluoride	0.071	0.061	57.15	0.560	1.0000
2	7.33	Carbonate	0.042	0.009	8.32	n.a.	1.0000
3	13.86	Ortho Phosphate	0.194	0.037	34.53	0.179	1.0000
Total:			0.307	0.106	100.00	0.739	

13 MB

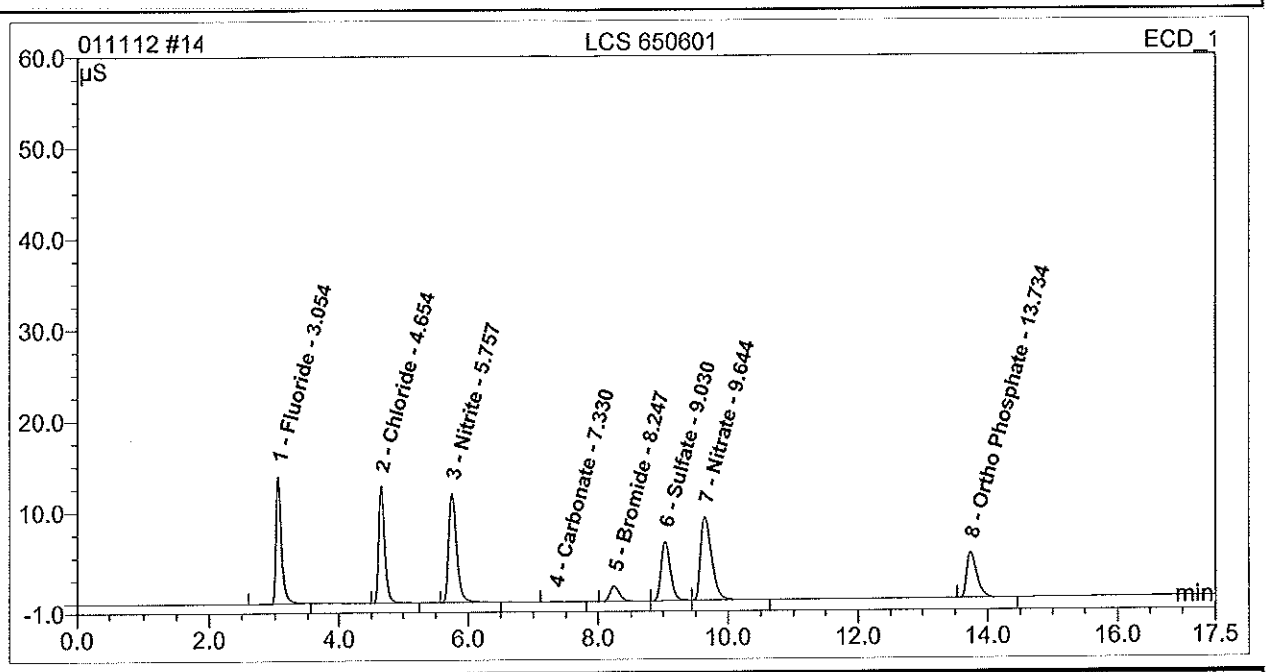
Sample Name:	MB	*Injection Volume:*	20.0
Injection Number:	13	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1809.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 13:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	7.33	Carbonate	0.044	0.009	37.14	n.a.	1.0000
2	13.86	Ortho Phosphate	0.080	0.016	62.86	-0.080	1.0000
Total:			0.124	0.025	100.00	-0.080	

14 LCS 650601

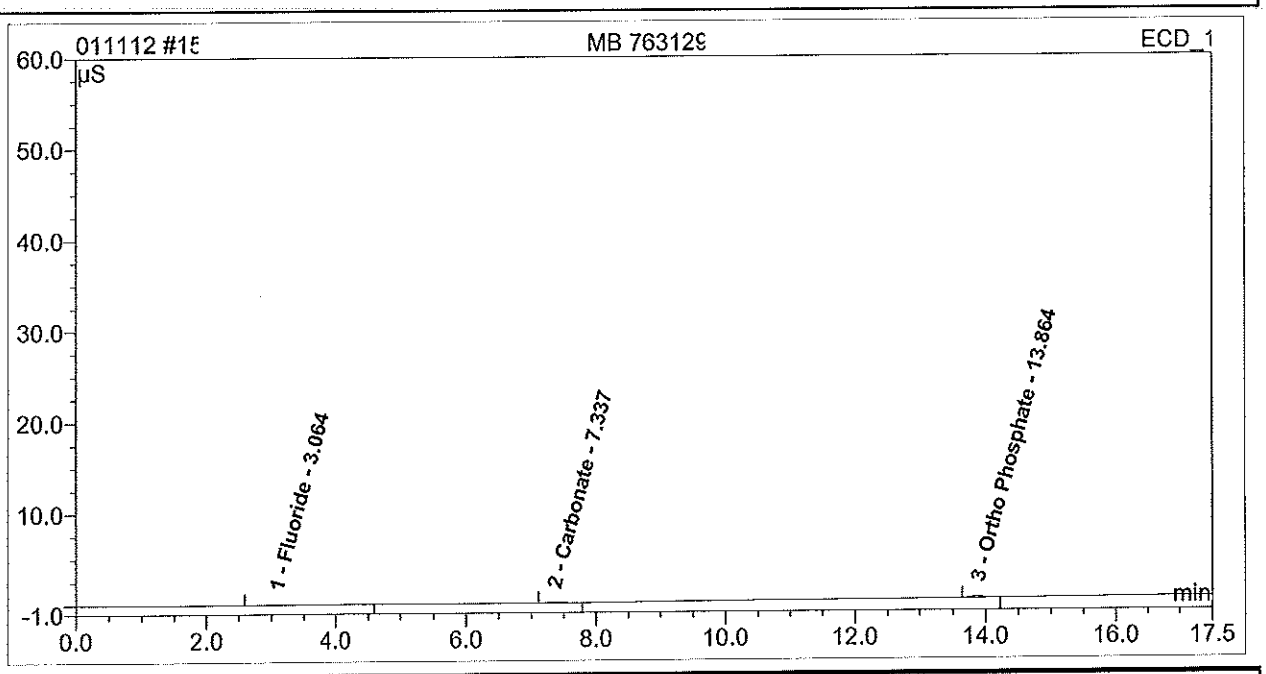
Sample Name:	LCS 650601	*Injection Volume:*	20.0
Injection Number:	14	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1810.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 14:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	13.951	1.350	15.74	11.949	1.0000
2	4.65	Chloride	12.788	1.445	16.86	20.562	1.0000
3	5.76	Nitrite	11.935	1.715	20.01	10.862	1.0000
4	7.33	Carbonate	0.051	0.011	0.12	n.a.	1.0000
5	8.25	Bromide	1.689	0.281	3.28	9.018	1.0000
6	9.03	Sulfate	6.475	1.057	12.33	20.878	1.0000
7	9.64	Nitrate	9.067	1.813	21.16	9.553	1.0000
8	13.73	Ortho Phosphate	4.925	0.900	10.50	10.818	1.0000
Total:			60.880	8.572	100.00	93.641	

15 MB 763129

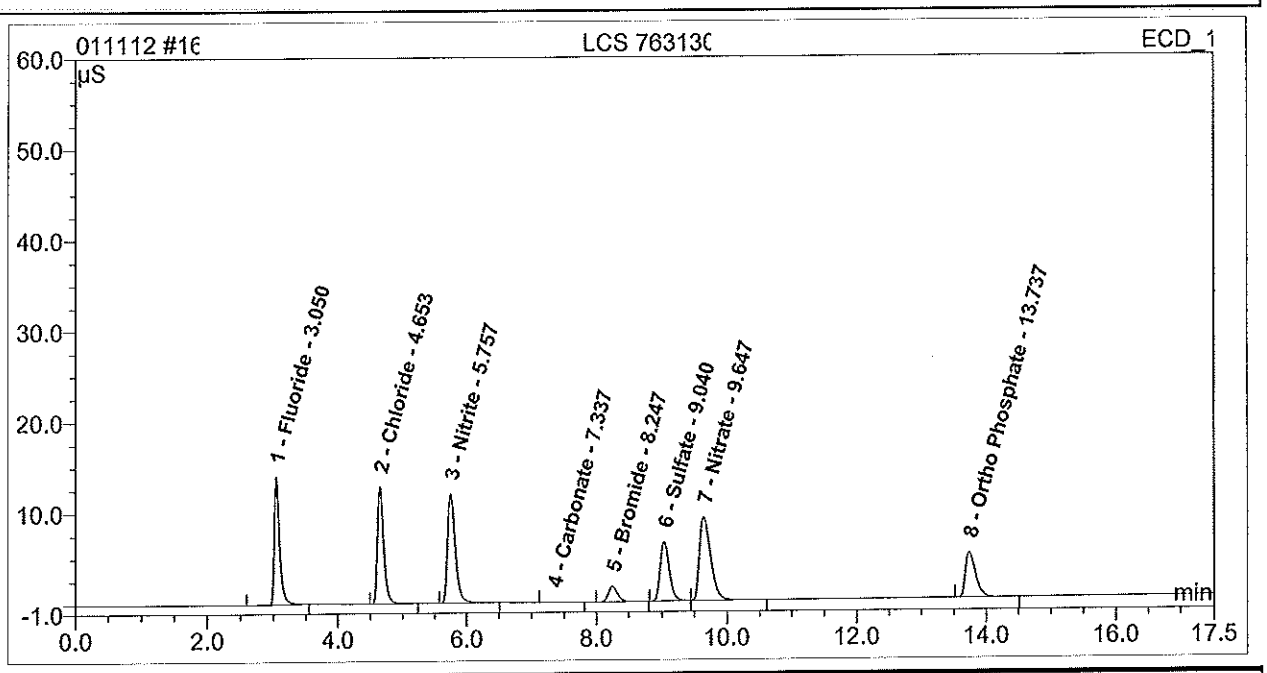
Sample Name:	MB 763129	*Injection Volume:*	20.0
Injection Number:	15	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1810.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 14:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.06	Fluoride	0.070	0.059	55.91	0.546	1.0000
2	7.34	Carbonate	0.045	0.009	8.78	n.a.	1.0000
3	13.86	Ortho Phosphate	0.197	0.037	35.31	0.188	1.0000
Total:			0.311	0.106	100.00	0.734	

16 LCS 763130

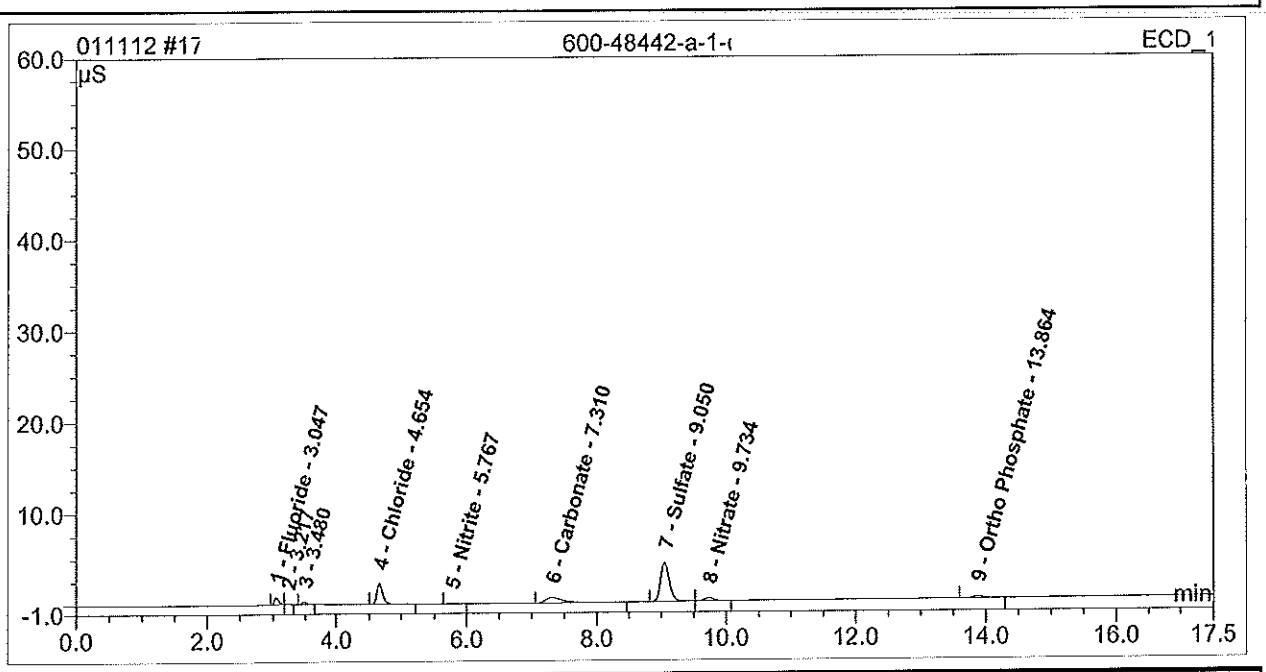
Sample Name:	LCS 763130	*Injection Volume:*	20.0
Injection Number:	16	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1808.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 14:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	13.983	1.353	15.72	11.975	1.0000
2	4.65	Chloride	12.846	1.450	16.86	20.630	1.0000
3	5.76	Nitrite	11.987	1.723	20.03	10.912	1.0000
4	7.34	Carbonate	0.050	0.010	0.12	n.a.	1.0000
5	8.25	Bromide	1.697	0.282	3.28	9.065	1.0000
6	9.04	Sulfate	6.490	1.060	12.32	20.934	1.0000
7	9.65	Nitrate	9.108	1.822	21.18	9.597	1.0000
8	13.74	Ortho Phosphate	4.944	0.903	10.50	10.858	1.0000
Total:			61.105	8.604	100.00	93.972	

17 600-48442-a-1-c

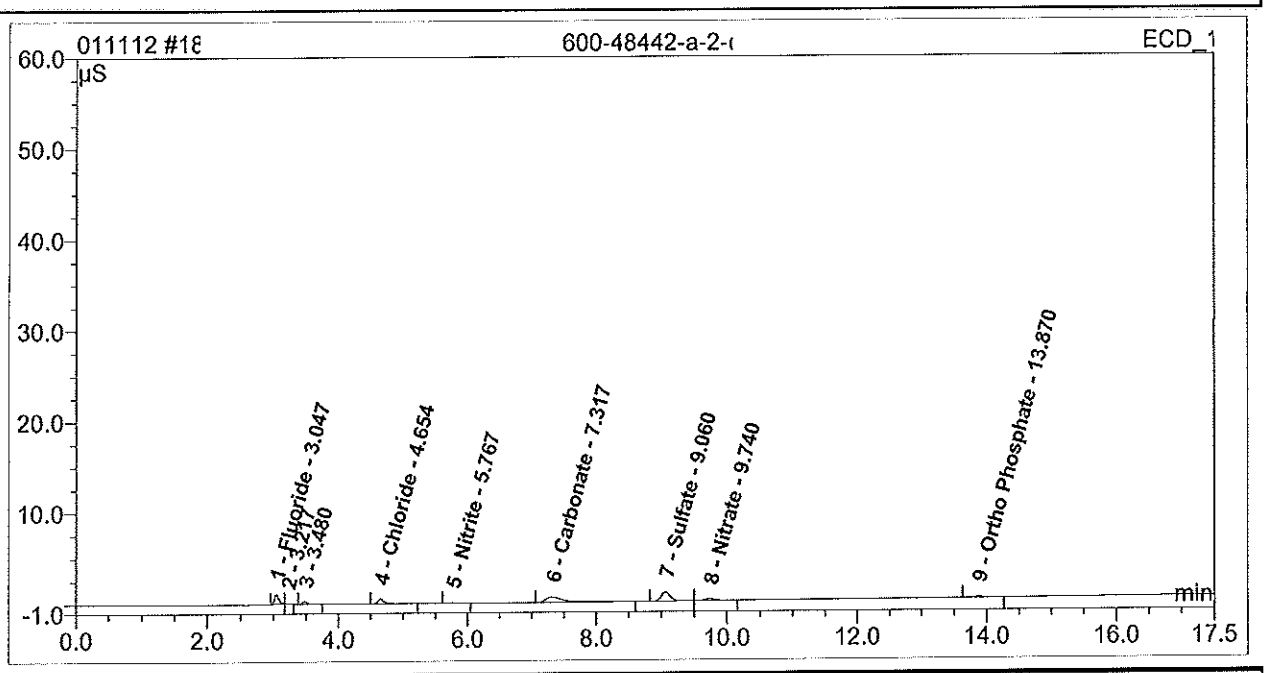
Sample Name:	600-48442-a-1-c	*Injection Volume:*	20.0
Injection Number:	17	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1808.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.226
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 15:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.760	0.061	4.58	0.561	1.0000
4	4.65	Chloride	2.267	0.250	18.87	3.549	1.0000
5	5.77	Nitrite	0.028	0.003	0.26	0.017	1.0000
6	7.31	Carbonate	0.606	0.195	14.74	n.a.	1.0000
7	9.05	Sulfate	4.269	0.685	51.68	13.573	1.0000
8	9.73	Nitrate	0.343	0.059	4.43	0.471	1.0000
9	13.86	Ortho Phosphate	0.231	0.044	3.29	0.266	1.0000
Total:			8.504	1.297	97.87	18.439	

18 600-48442-a-2-c

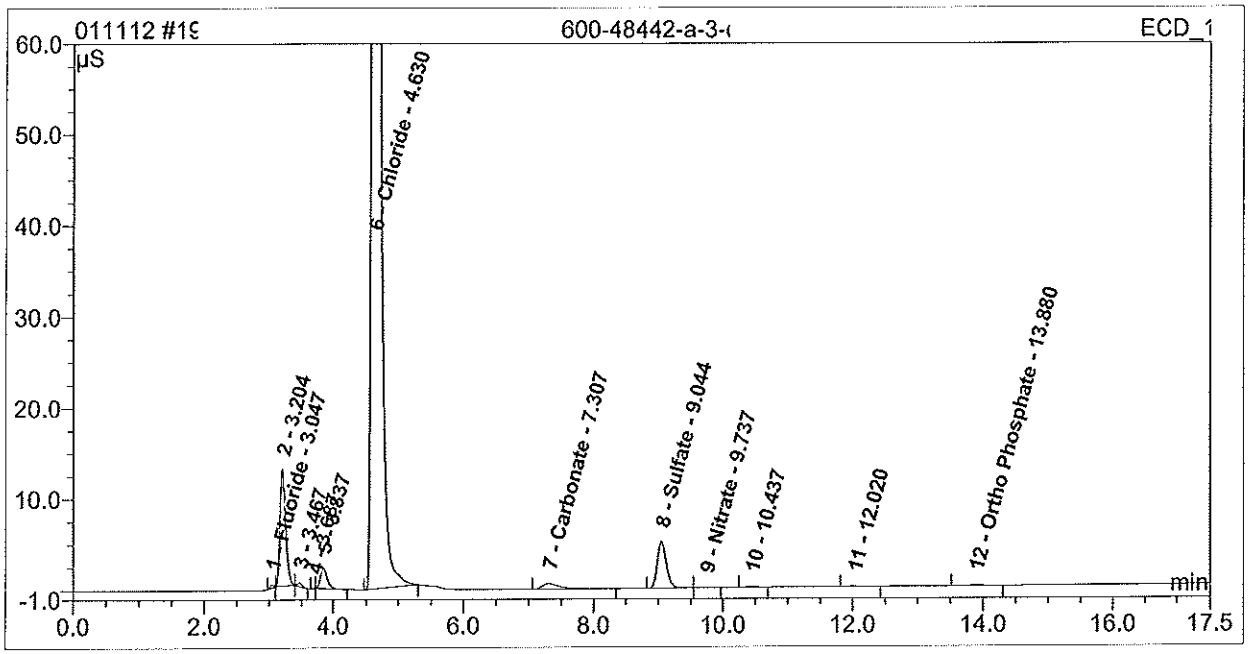
Sample Name:	600-48442-a-2-c	*Injection Volume:*	20.0
Injection Number:	18	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1810.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 15:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	1.031	0.081	14.16	0.743	1.0000
4	4.65	Chloride	0.508	0.057	10.01	0.806	1.0000
5	5.77	Nitrite	0.051	0.007	1.18	0.038	1.0000
6	7.32	Carbonate	0.581	0.187	32.63	n.a.	1.0000
7	9.06	Sulfate	1.012	0.160	27.92	3.265	1.0000
8	9.74	Nitrate	0.175	0.031	5.34	0.326	1.0000
9	13.87	Ortho Phosphate	0.119	0.022	3.92	0.005	1.0000
Total:			3.477	0.546	95.17	5.183	

19 600-48442-a-3-c

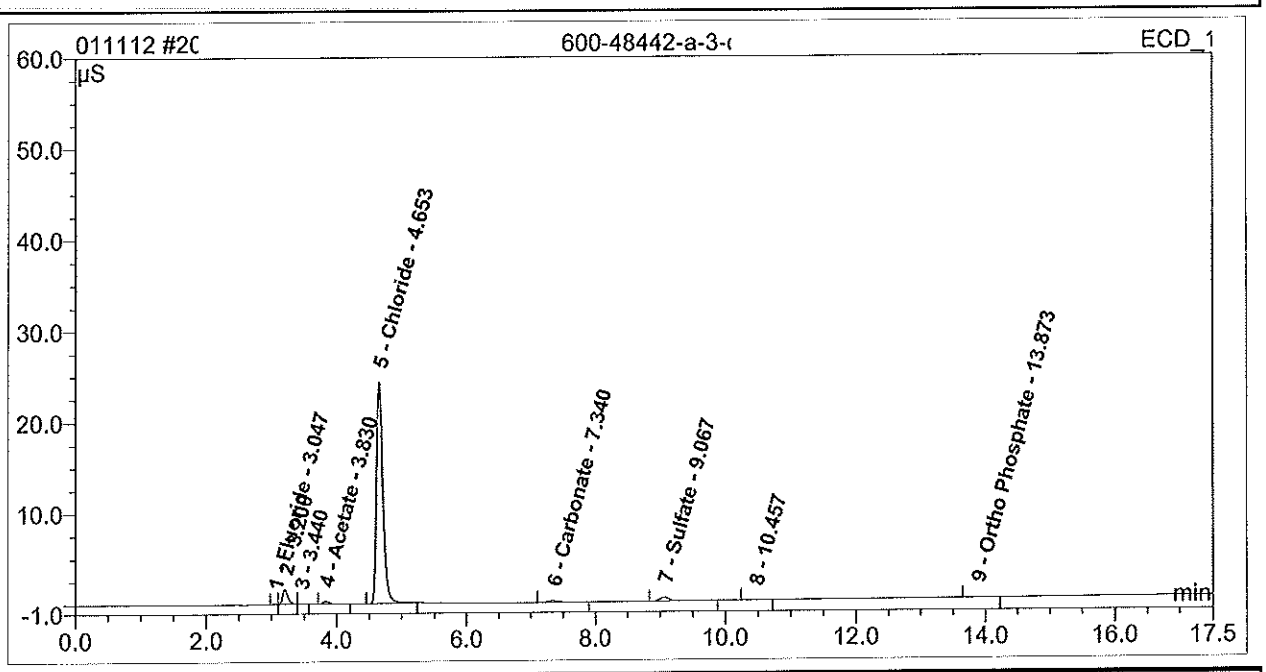
Sample Name:	600-48442-a-3-c	*Injection Volume:*	20.0
Injection Number:	19	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1813.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.216
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 15:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.354	0.021	0.07	0.214	1.0000
6	4.63	Chloride	213.744	26.421	90.66	376.072	1.0000
7	7.31	Carbonate	0.611	0.199	0.68	n.a.	1.0000
8	9.04	Sulfate	5.083	0.825	2.83	16.316	1.0000
9	9.74	Nitrate	0.052	0.008	0.03	0.211	1.0000
12	13.88	Ortho Phosphate	0.082	0.017	0.06	-0.057	1.0000
Total:			219.925	27.492	94.33	392.756	

20 600-48442-a-3-c

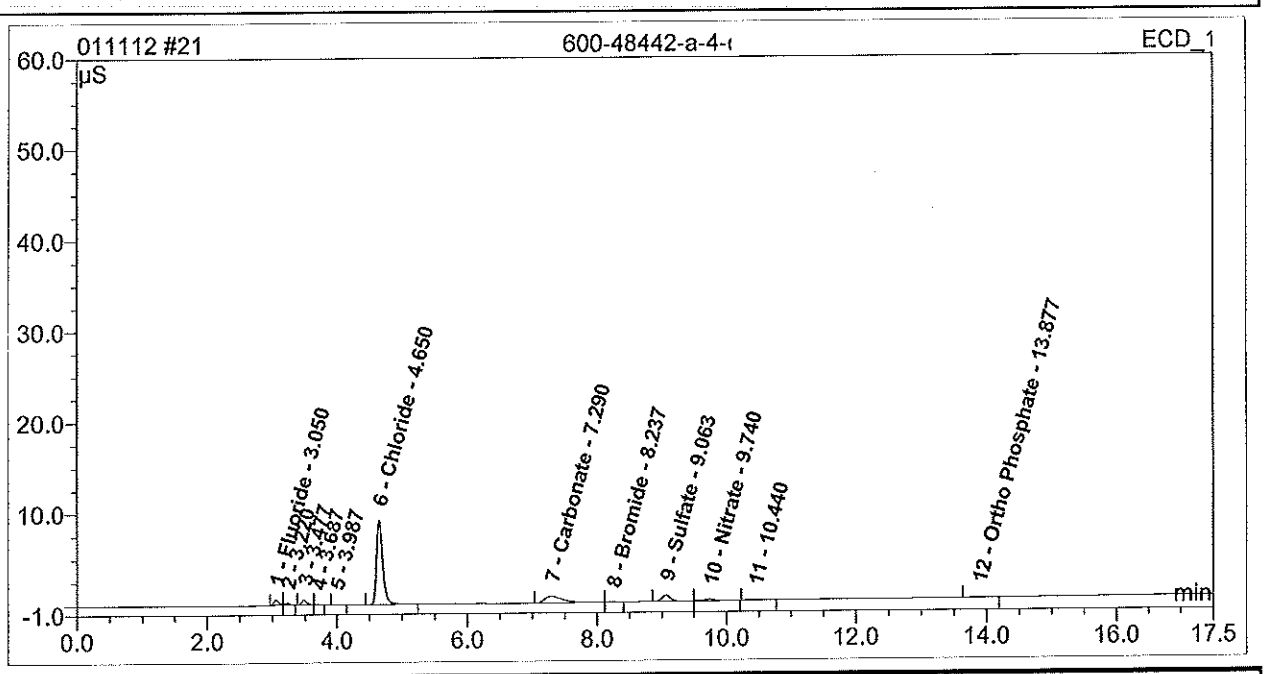
Sample Name:	600-48442-a-3-c	*Injection Volume:*	20.0
Injection Number:	20	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1813.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.224
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	10.0000
Recording Time:	1/11/2012 16:06	**Sample Weight:**	10.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.035	0.002	0.07	0.043	10.0000
4	3.83	Acetate	0.277	0.033	1.06	n.a.	10.0000
5	4.65	Chloride	24.337	2.799	89.81	39.833	10.0000
6	7.34	Carbonate	0.182	0.045	1.45	n.a.	10.0000
7	9.07	Sulfate	0.425	0.073	2.35	1.555	10.0000
9	13.87	Ortho Phosphate	0.066	0.013	0.41	-0.114	10.0000
Total:			25.323	2.965	95.15	41.317	

21 600-48442-a-4-c

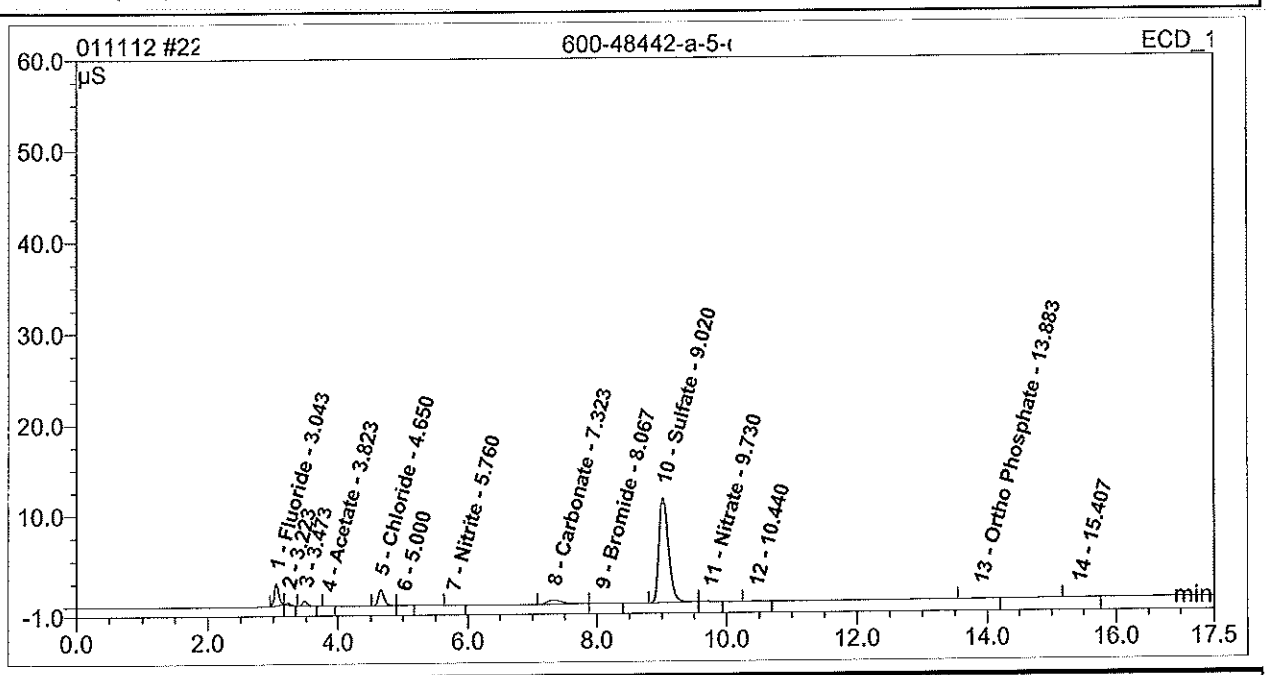
Sample Name:	600-48442-a-4-c	*Injection Volume:*	20.0
Injection Number:	21	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1813.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.224
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 16:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.519	0.043	2.82	0.408	1.0000
6	4.65	Chloride	9.187	1.035	67.28	14.719	1.0000
7	7.29	Carbonate	0.726	0.238	15.46	n.a.	1.0000
8	8.24	Bromide	0.010	0.002	0.10	0.133	1.0000
9	9.06	Sulfate	0.673	0.108	6.99	2.231	1.0000
10	9.74	Nitrate	0.179	0.032	2.06	0.332	1.0000
12	13.88	Ortho Phosphate	0.048	0.009	0.60	-0.158	1.0000
Total:			11.343	1.466	95.32	17.664	

22 600-48442-a-5-c

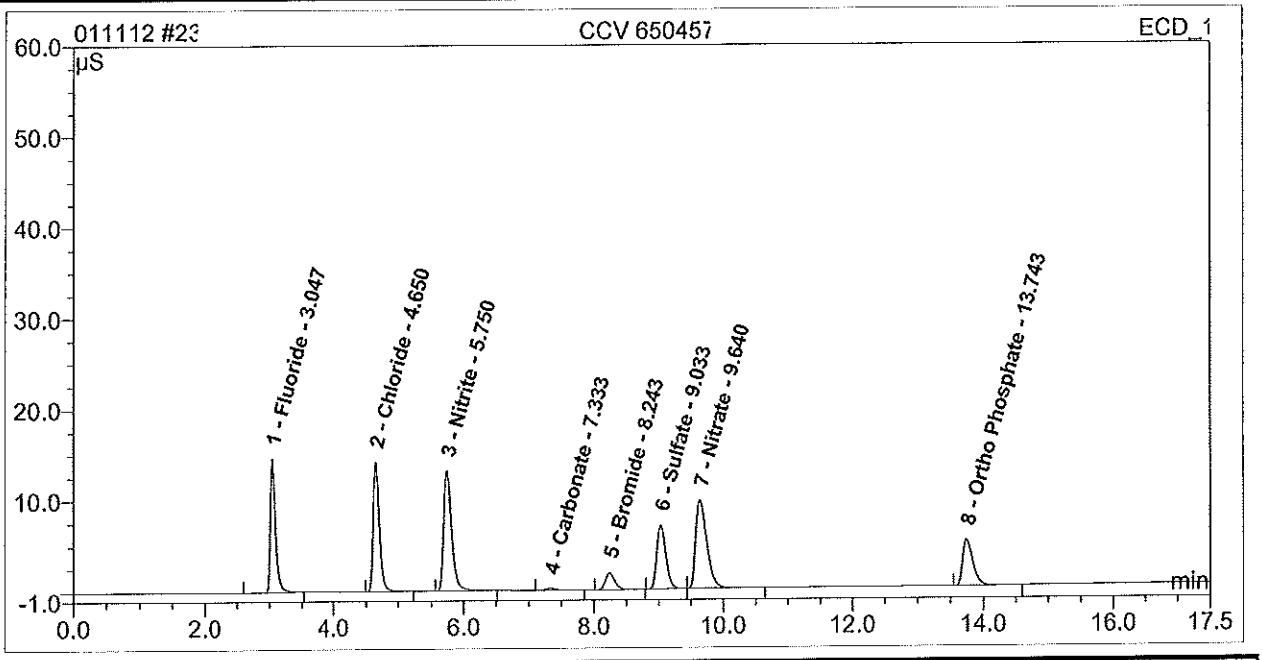
Sample Name:	600-48442-a-5-c	*Injection Volume:*	20.0
Injection Number:	22	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1815.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.221
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 16:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.04	Fluoride	2.412	0.190	7.28	1.700	1.0000
4	3.82	Acetate	0.020	0.002	0.07	n.a.	1.0000
5	4.65	Chloride	1.756	0.189	7.25	2.674	1.0000
7	5.76	Nitrite	0.014	0.002	0.06	0.006	1.0000
8	7.32	Carbonate	0.468	0.131	5.04	n.a.	1.0000
9	8.07	Bromide	0.025	0.006	0.23	0.276	1.0000
10	9.02	Sulfate	11.498	1.977	75.93	38.947	1.0000
11	9.73	Nitrate	0.076	0.012	0.46	0.230	1.0000
13	13.88	Ortho Phosphate	0.036	0.007	0.29	-0.180	1.0000
Total:			16.305	2.516	96.62	43.651	

23 CCV 650457

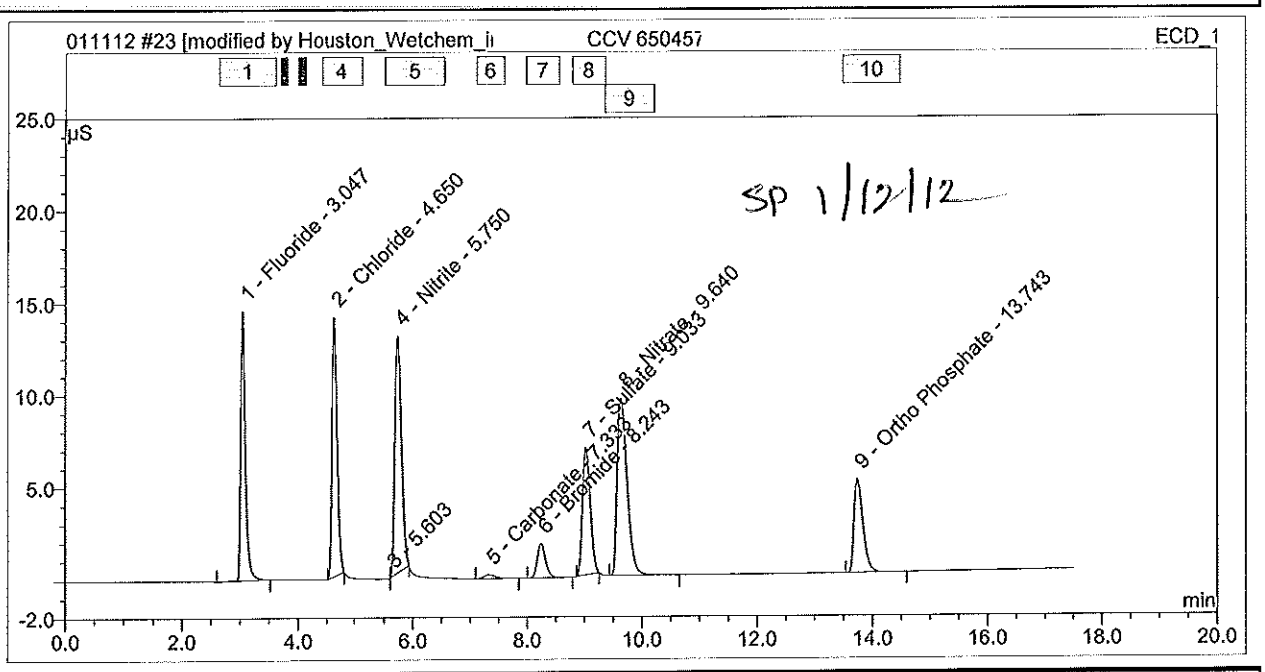
Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	23	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1817.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 17:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.602	1.376	14.87	12.183	1.0000
2	4.65	Chloride	14.223	1.611	17.42	22.926	1.0000
3	5.75	Nitrite	13.184	1.914	20.68	12.119	1.0000
4	7.33	Carbonate	0.211	0.051	0.55	n.a.	1.0000
5	8.24	Bromide	1.845	0.307	3.32	9.841	1.0000
6	9.03	Sulfate	6.973	1.141	12.33	22.526	1.0000
7	9.64	Nitrate	9.610	1.942	20.99	10.220	1.0000
8	13.74	Ortho Phosphate	5.029	0.911	9.85	10.956	1.0000
Total:			65.678	9.253	100.00	100.772	

23 CCV 650457

Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	23	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1817.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 17:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

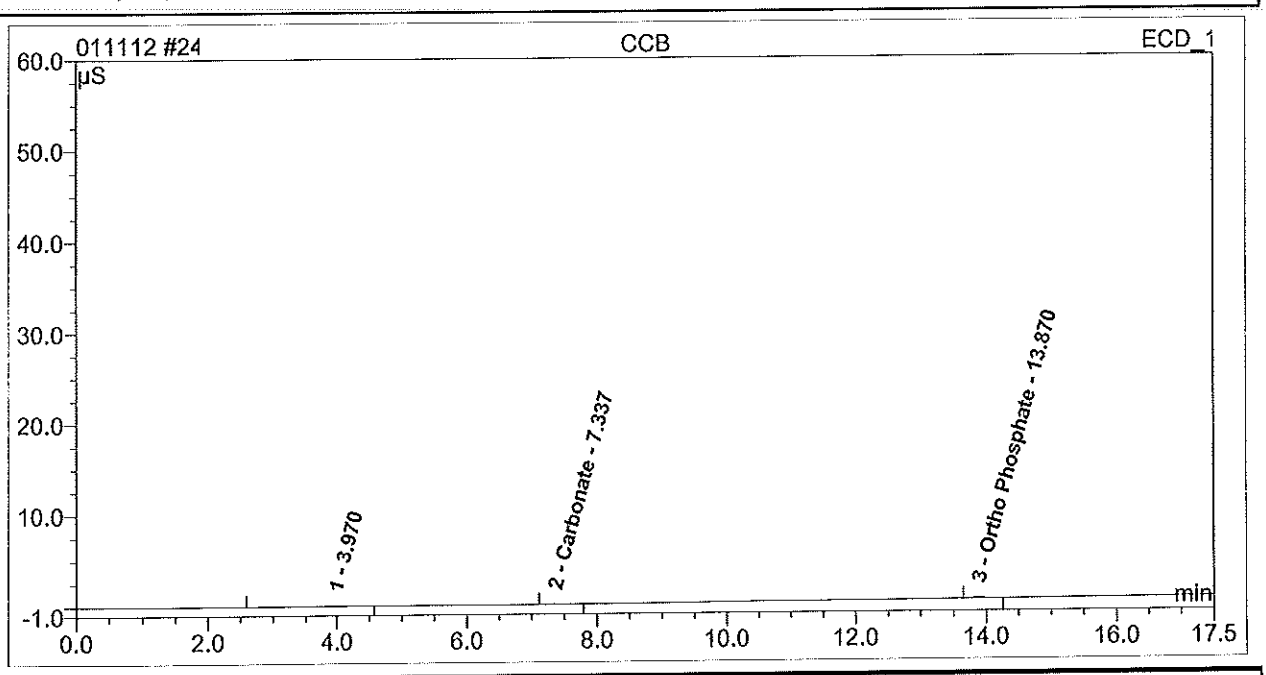


SP 1/12/12

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.602	1.376	15.44	12.183	1.0000
2	4.65	Chloride	14.050	1.519	17.05	21.614	1.0000
4	5.75	Nitrite	12.838	1.719	19.29	10.883	1.0000
5	7.33	Carbonate	0.211	0.051	0.57	n.a.	1.0000
6	8.24	Bromide	1.845	0.307	3.44	9.841	1.0000
7	9.03	Sulfate	6.866	1.085	12.18	21.437	1.0000
8	9.64	Nitrate	9.610	1.942	21.80	10.220	1.0000
9	13.74	Ortho Phosphate	5.029	0.911	10.22	10.956	1.0000
Total:			65.052	8.910	100.00	97.134	

24 CCB

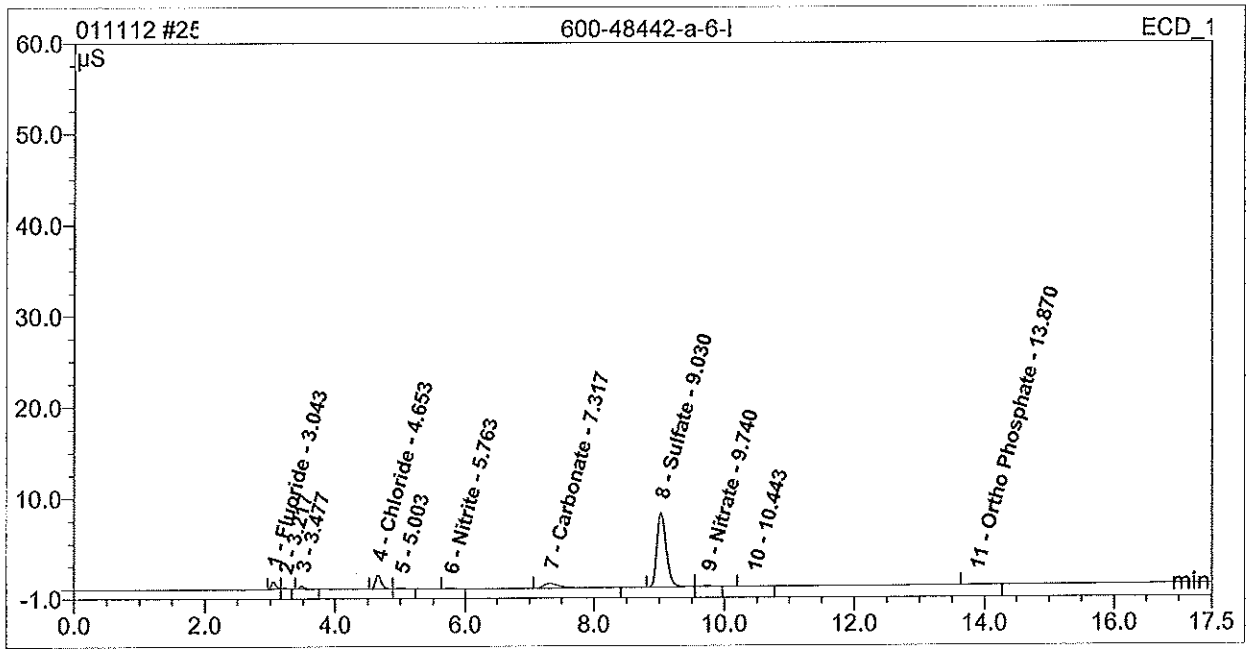
Sample Name:	CCB	*Injection Volume:*	20.0
Injection Number:	24	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1816.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 17:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	7.34	Carbonate	0.048	0.010	10.18	n.a.	1.0000
3	13.87	Ortho Phosphate	0.153	0.029	30.04	0.088	1.0000
Total:			0.201	0.039	40.22	0.088	

25 600-48442-a-6-b

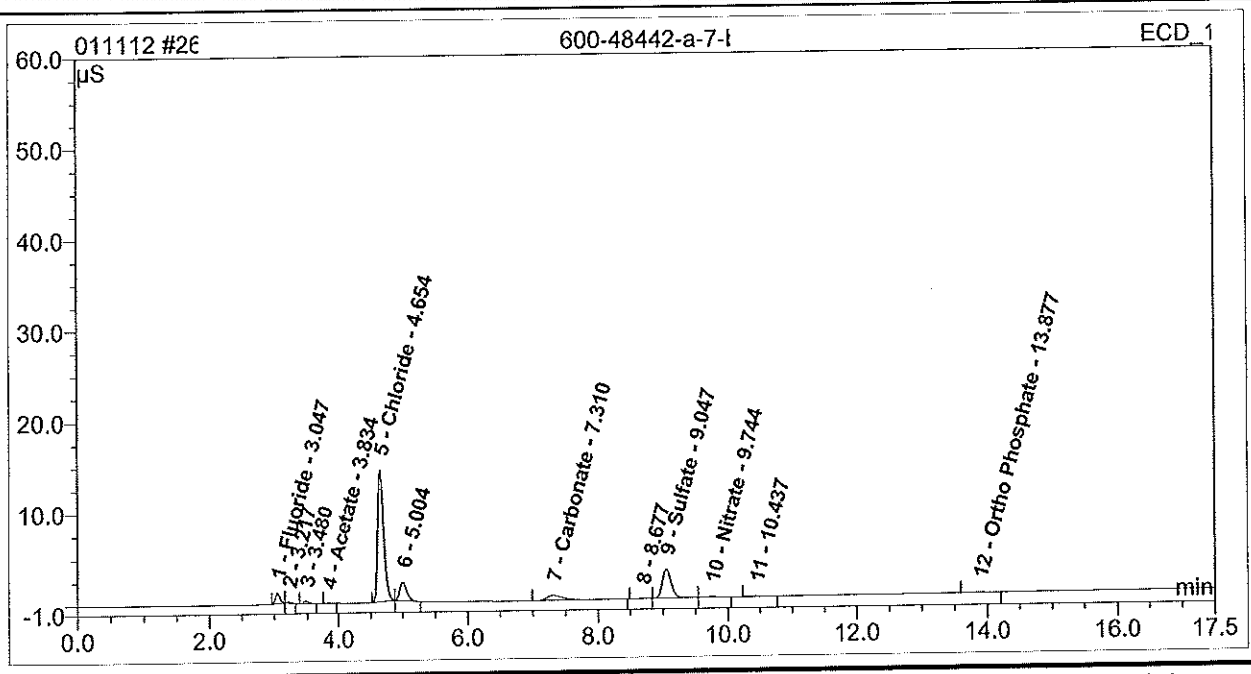
Sample Name:	600-48442-a-6-b	*Injection Volume:*	20.0
Injection Number:	25	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1816.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.219
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 17:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.04	Fluoride	0.805	0.062	3.39	0.573	1.0000
4	4.65	Chloride	1.500	0.160	8.75	2.273	1.0000
6	5.76	Nitrite	0.029	0.004	0.20	0.018	1.0000
7	7.32	Carbonate	0.522	0.161	8.77	n.a.	1.0000
8	9.03	Sulfate	8.181	1.365	74.43	26.935	1.0000
9	9.74	Nitrate	0.096	0.016	0.85	0.249	1.0000
11	13.87	Ortho Phosphate	0.071	0.014	0.74	-0.104	1.0000
Total:			11.203	1.782	97.13	29.944	

26 600-48442-a-7-b

Sample Name:	600-48442-a-7-b	*Injection Volume:*	20.0
Injection Number:	26	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1820.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.218
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 18:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

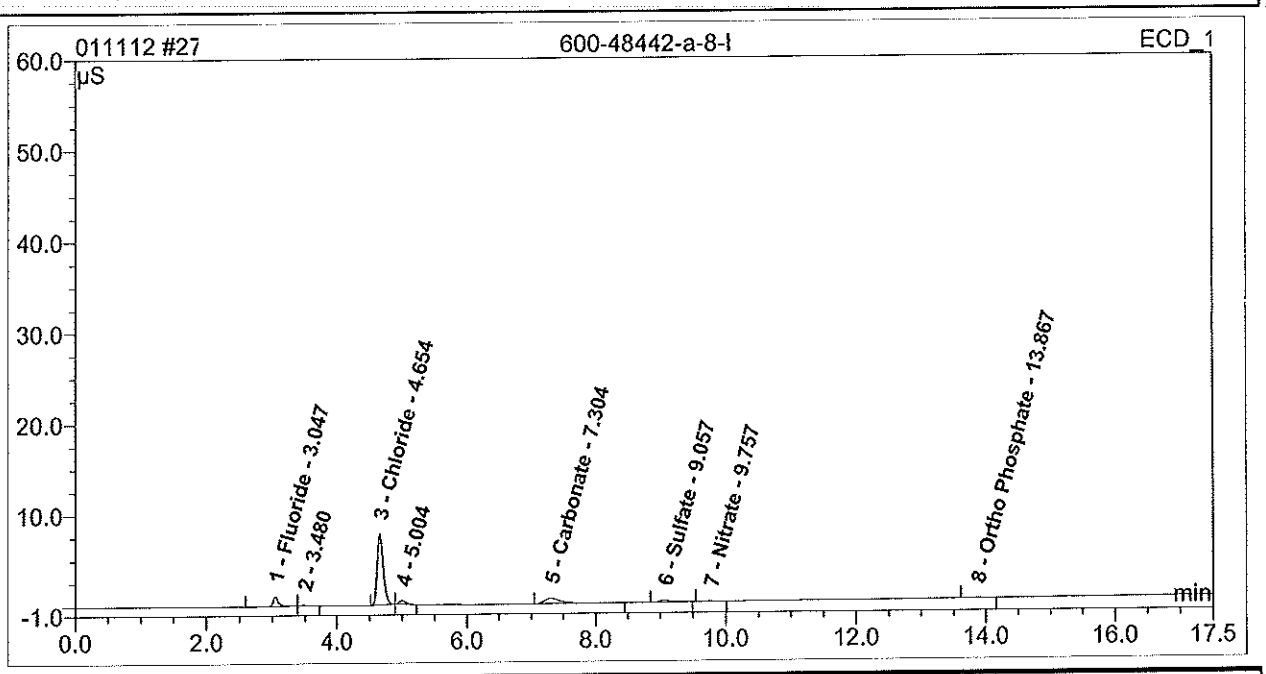


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	1.126	0.088	3.24	0.798	1.0000
4	3.83	Acetate	0.019	0.002	0.07	n.a.	1.0000
5	4.65	Chloride	14.435	1.591	58.87	22.634	1.0000
7	7.31	Carbonate	0.553	0.175	6.48	n.a.	1.0000
9	9.05	Sulfate	3.200	0.511	18.89	10.145	1.0000
10	9.74	Nitrate	0.095	0.016	0.60	0.251	1.0000
12	13.88	Ortho Phosphate	0.050	0.010	0.37	-0.149	1.0000
Total:			19.479	2.392	88.52	33.678	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

27 600-48442-a-8-b

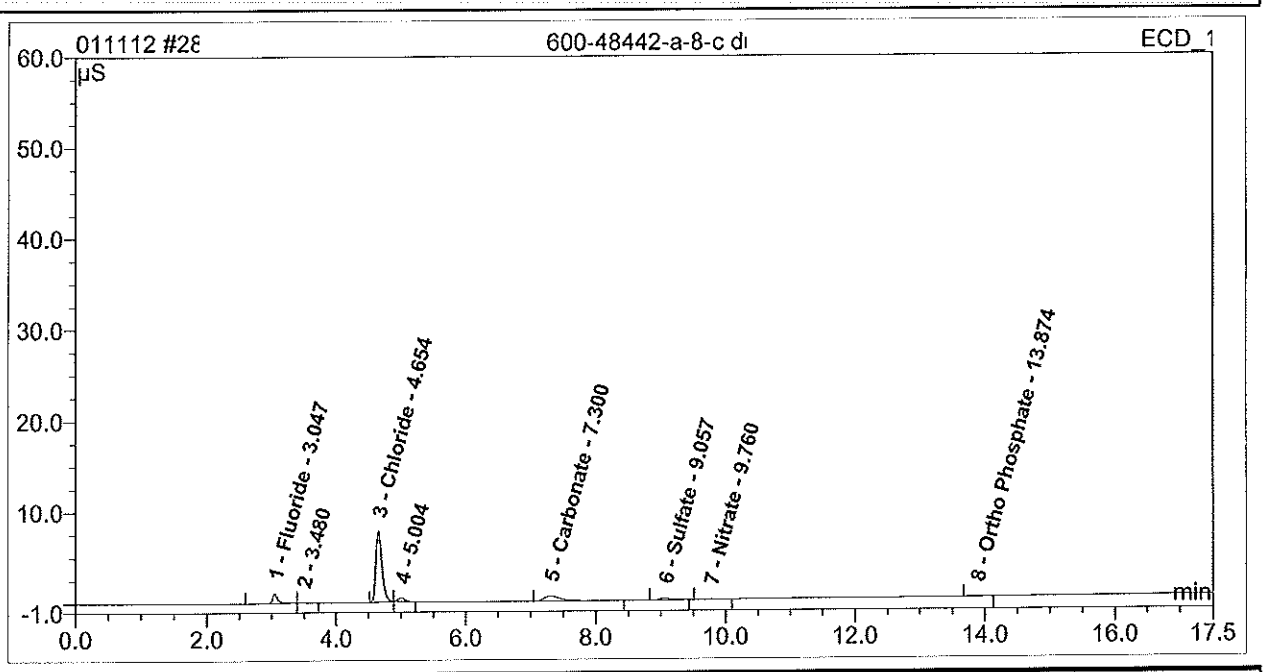
Sample Name:	600-48442-a-8-b	*Injection Volume:*	20.0
Injection Number:	27	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1823.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 18:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	1.042	0.109	8.74	0.991	1.0000
3	4.65	Chloride	7.783	0.850	67.90	12.087	1.0000
5	7.30	Carbonate	0.577	0.186	14.85	n.a.	1.0000
6	9.06	Sulfate	0.221	0.036	2.89	0.828	1.0000
7	9.76	Nitrate	0.034	0.006	0.48	0.198	1.0000
8	13.87	Ortho Phosphate	0.040	0.008	0.61	-0.177	1.0000
Total:			9.696	1.195	95.47	13.927	

28 600-48442-a-8-c du

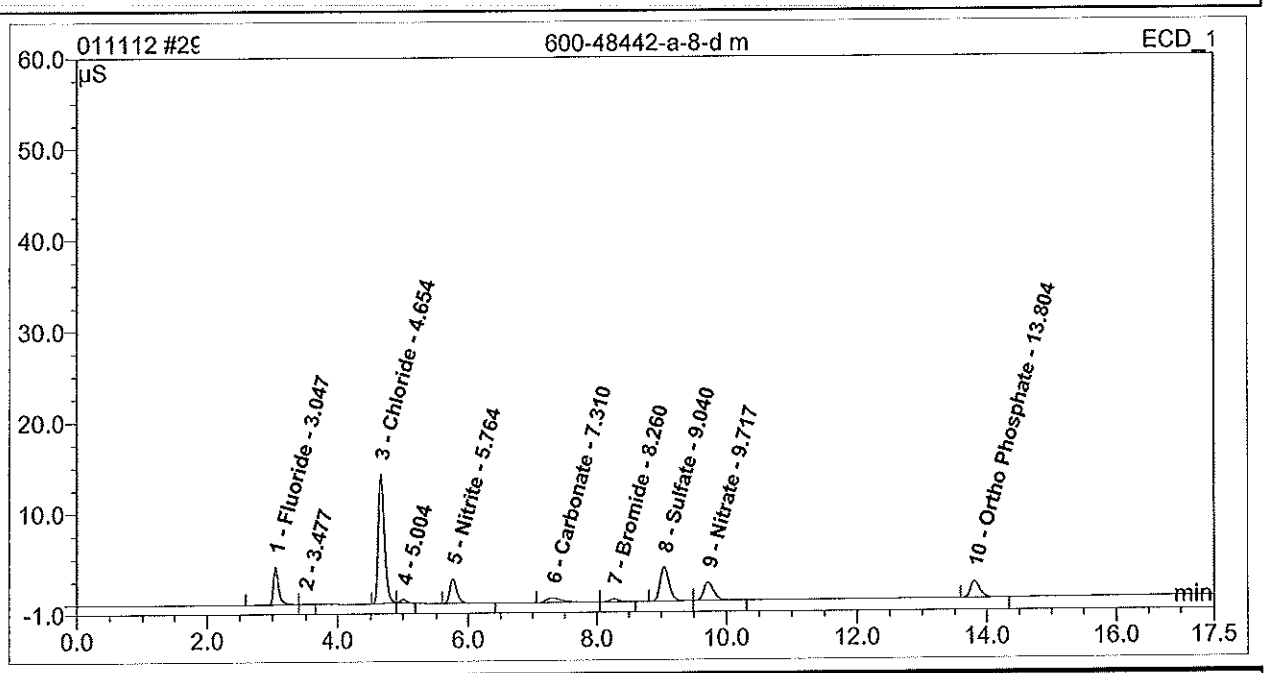
Sample Name:	600-48442-a-8-c du	*Injection Volume:*	20.0
Injection Number:	28	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 18:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	1.039	0.109	8.76	0.991	1.0000
3	4.65	Chloride	7.763	0.849	67.94	12.067	1.0000
5	7.30	Carbonate	0.576	0.187	14.94	n.a.	1.0000
6	9.06	Sulfate	0.219	0.036	2.85	0.819	1.0000
7	9.76	Nitrate	0.033	0.006	0.48	0.199	1.0000
8	13.87	Ortho Phosphate	0.033	0.006	0.50	-0.196	1.0000
Total:			9.663	1.192	95.47	13.880	

29 600-48442-a-8-d ms

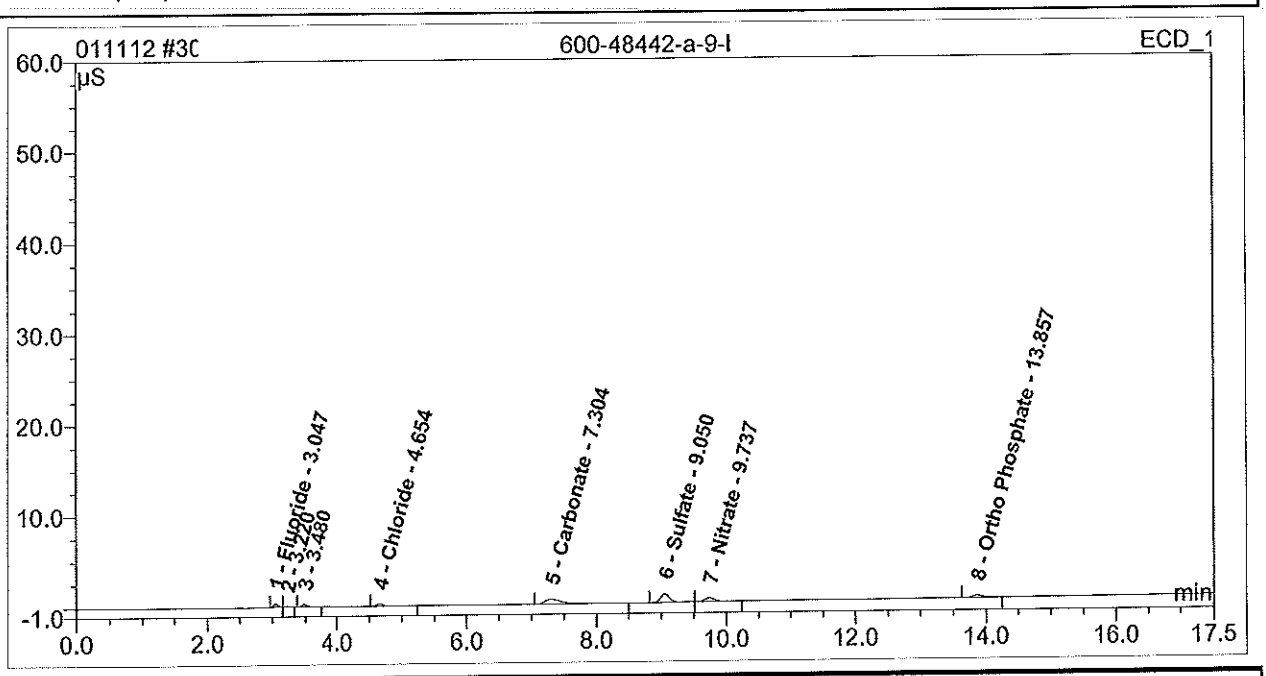
Sample Name:	600-48442-a-8-d ms	*Injection Volume:*	20.0
Injection Number:	29	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 19:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	4.112	0.381	9.95	3.388	1.0000
3	4.65	Chloride	14.215	1.579	41.24	22.460	1.0000
5	5.76	Nitrite	2.707	0.356	9.31	2.253	1.0000
6	7.31	Carbonate	0.507	0.148	3.88	n.a.	1.0000
7	8.26	Bromide	0.309	0.051	1.34	1.720	1.0000
8	9.04	Sulfate	3.772	0.605	15.81	12.004	1.0000
9	9.72	Nitrate	2.021	0.355	9.28	2.006	1.0000
10	13.80	Ortho Phosphate	1.825	0.307	8.03	3.516	1.0000
Total:			29.467	3.783	98.83	47.347	

30 600-48442-a-9-b

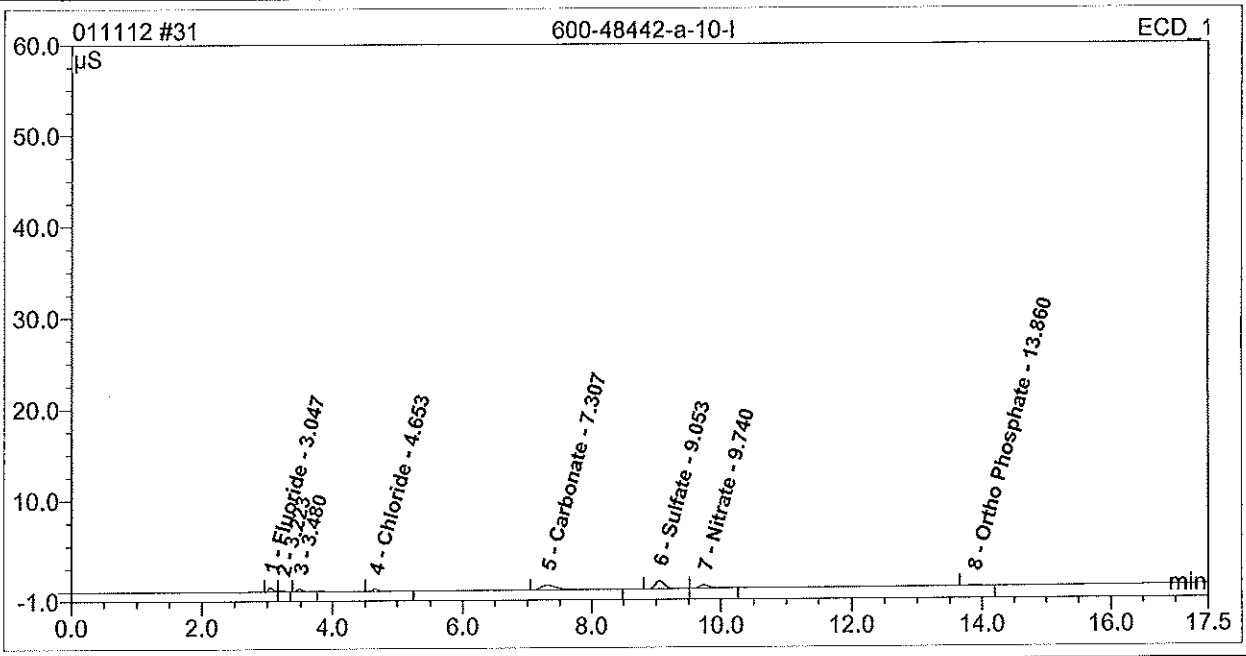
Sample Name:	600-48442-a-9-b	*Injection Volume:*	20.0
Injection Number:	30	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.215
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 19:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.359	0.028	5.17	0.271	1.0000
4	4.65	Chloride	0.262	0.031	5.67	0.423	1.0000
5	7.30	Carbonate	0.557	0.177	32.77	n.a.	1.0000
6	9.05	Sulfate	0.957	0.152	28.21	3.105	1.0000
7	9.74	Nitrate	0.419	0.074	13.70	0.550	1.0000
8	13.86	Ortho Phosphate	0.267	0.050	9.19	0.339	1.0000
Total:			2.820	0.511	94.71	4.687	

31 600-48442-a-10-b

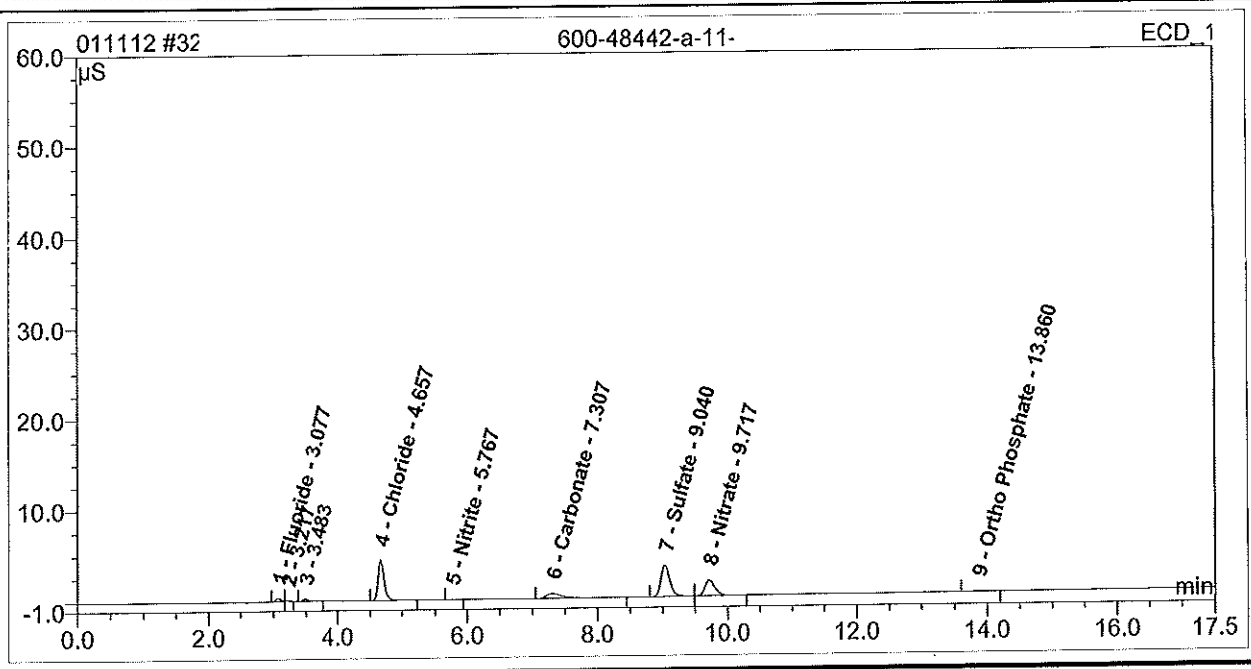
Sample Name:	600-48442-a-10-b	*Injection Volume:*	20.0
Injection Number:	31	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1822.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.214
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 19:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.422	0.033	6.57	0.315	1.0000
4	4.65	Chloride	0.244	0.028	5.66	0.390	1.0000
5	7.31	Carbonate	0.546	0.173	34.54	n.a.	1.0000
6	9.05	Sulfate	0.921	0.147	29.36	2.999	1.0000
7	9.74	Nitrate	0.375	0.066	13.27	0.511	1.0000
8	13.86	Ortho Phosphate	0.109	0.021	4.11	-0.019	1.0000
Total:			2.617	0.467	93.50	4.195	

32 600-48442-a-11-f

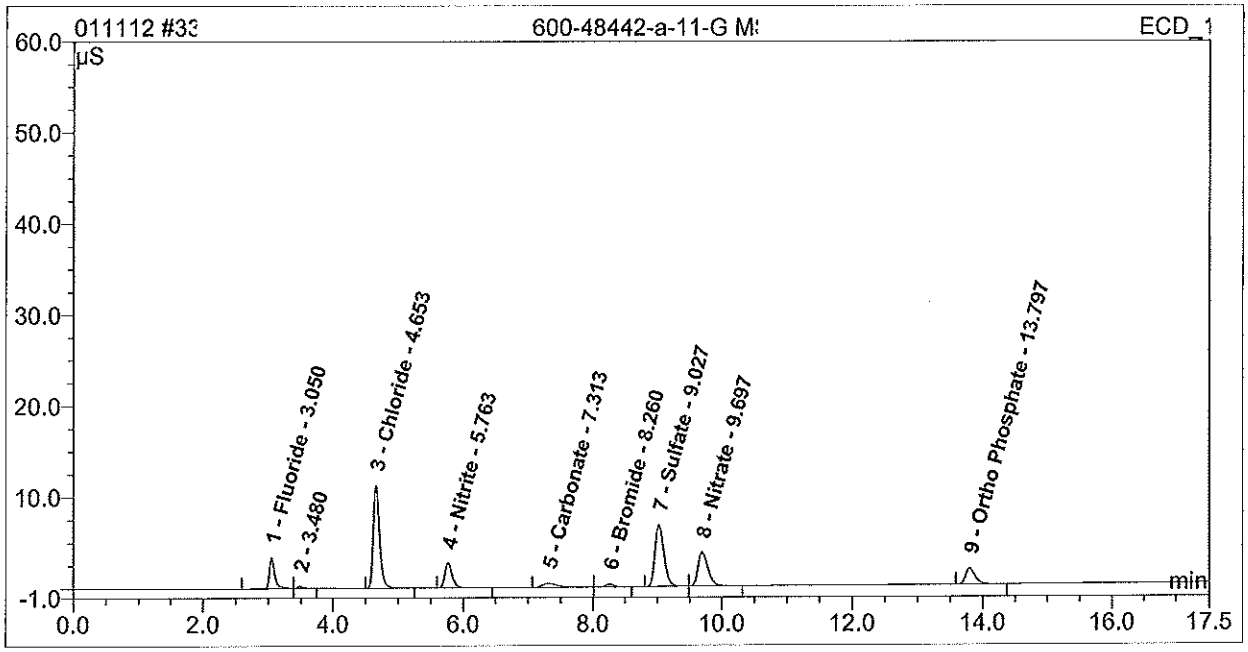
Sample Name:	600-48442-a-11-f	*Injection Volume:*	20.0
Injection Number:	32	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.213
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 20:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.08	Fluoride	0.304	0.027	1.74	0.266	1.0000
4	4.66	Chloride	4.393	0.492	31.35	6.997	1.0000
5	5.77	Nitrite	0.013	0.002	0.10	0.005	1.0000
6	7.31	Carbonate	0.530	0.166	10.57	n.a.	1.0000
7	9.04	Sulfate	3.403	0.543	34.59	10.791	1.0000
8	9.72	Nitrate	1.714	0.301	19.13	1.723	1.0000
9	13.86	Ortho Phosphate	0.066	0.013	0.81	-0.115	1.0000
Total:			10.423	1.544	98.29	19.666	

33 600-48442-a-11-G MS

Sample Name:	600-48442-a-11-G MS	*Injection Volume:*	20.0
Injection Number:	33	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1826.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.213
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 20:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

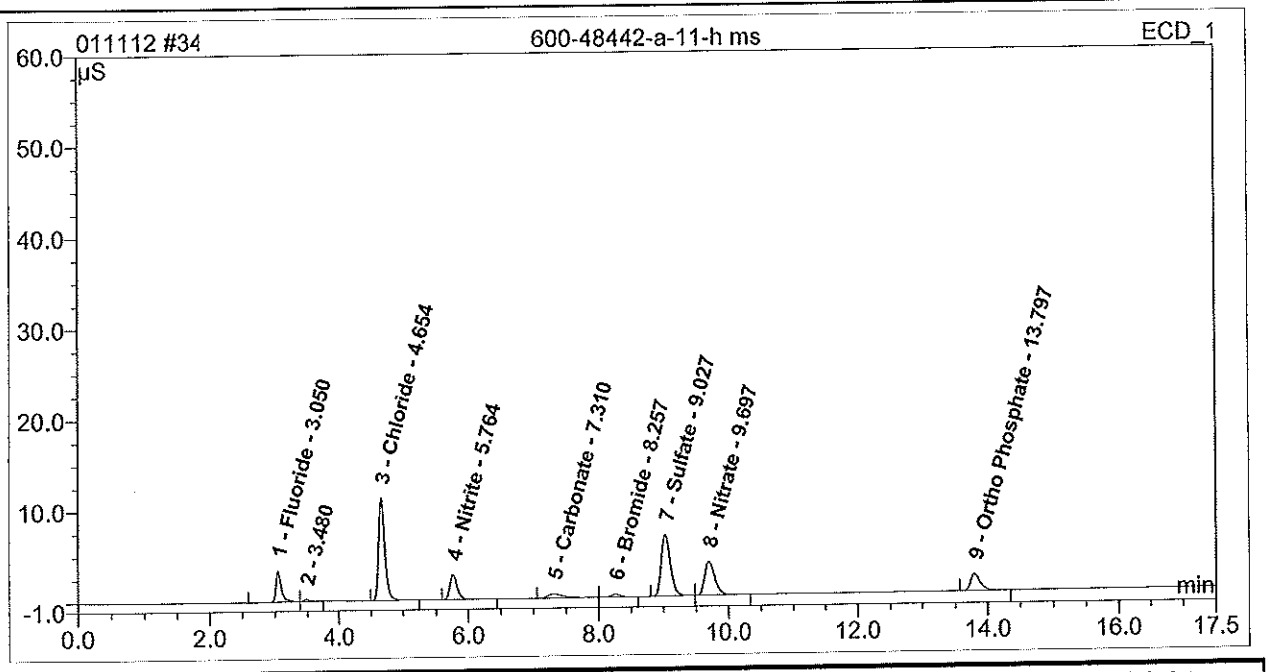


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	3.385	0.333	7.84	2.964	1.0000
3	4.65	Chloride	11.253	1.279	30.14	18.187	1.0000
4	5.76	Nitrite	2.728	0.361	8.51	2.283	1.0000
5	7.31	Carbonate	0.467	0.134	3.15	n.a.	1.0000
6	8.26	Bromide	0.312	0.052	1.23	1.741	1.0000
7	9.03	Sulfate	6.719	1.103	25.99	21.771	1.0000
8	9.70	Nitrate	3.682	0.665	15.67	3.607	1.0000
9	13.80	Ortho Phosphate	1.765	0.297	6.99	3.385	1.0000
Total:			30.312	4.222	99.51	53.938	

Chromeleon (c) Dionex 1999-2001
Version 6.80 Build 2212

34 600-48442-a-11-h msd

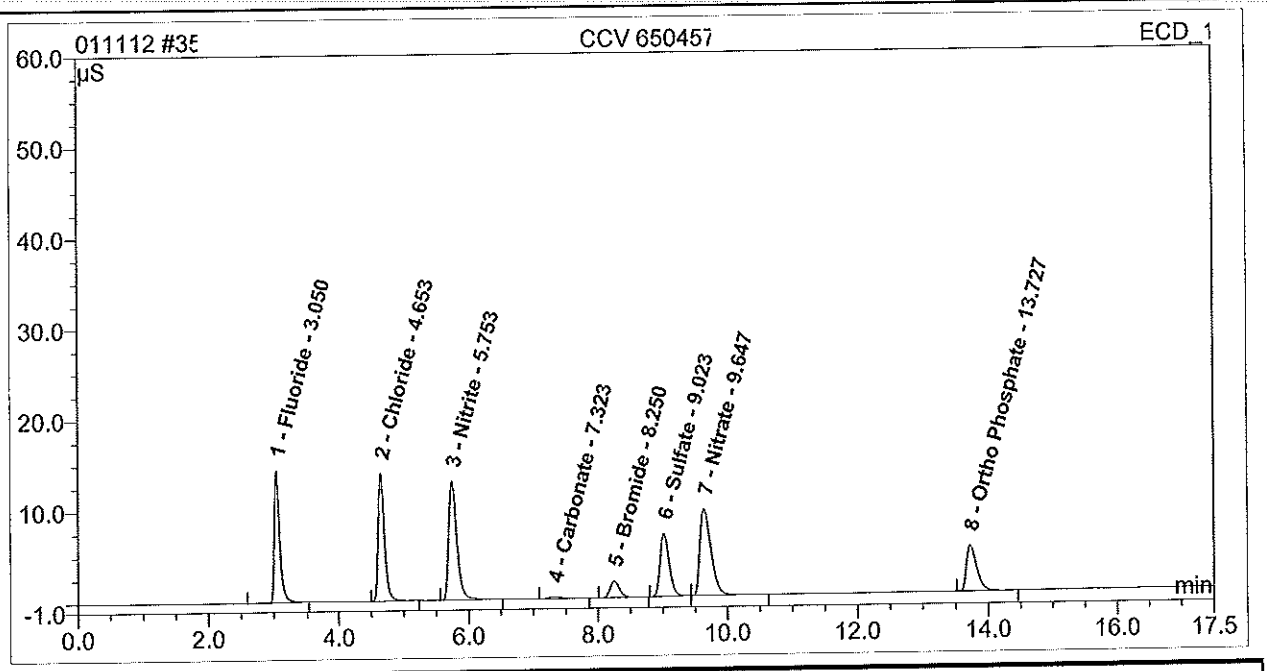
Sample Name:	600-48442-a-11-h msd	*Injection Volume:*	20.0
Injection Number:	34	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.216
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 20:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	3.387	0.333	7.81	2.968	1.0000
3	4.65	Chloride	11.243	1.278	29.97	18.177	1.0000
4	5.76	Nitrite	2.739	0.362	8.49	2.289	1.0000
5	7.31	Carbonate	0.467	0.133	3.12	n.a.	1.0000
6	8.26	Bromide	0.312	0.052	1.22	1.744	1.0000
7	9.03	Sulfate	6.696	1.102	25.85	21.765	1.0000
8	9.70	Nitrate	3.678	0.664	15.57	3.604	1.0000
9	13.80	Ortho Phosphate	1.860	0.318	7.46	3.651	1.0000
Total:			30.382	4.243	99.51	54.198	

35 CCV 650457

Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	35	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.215
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 21:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

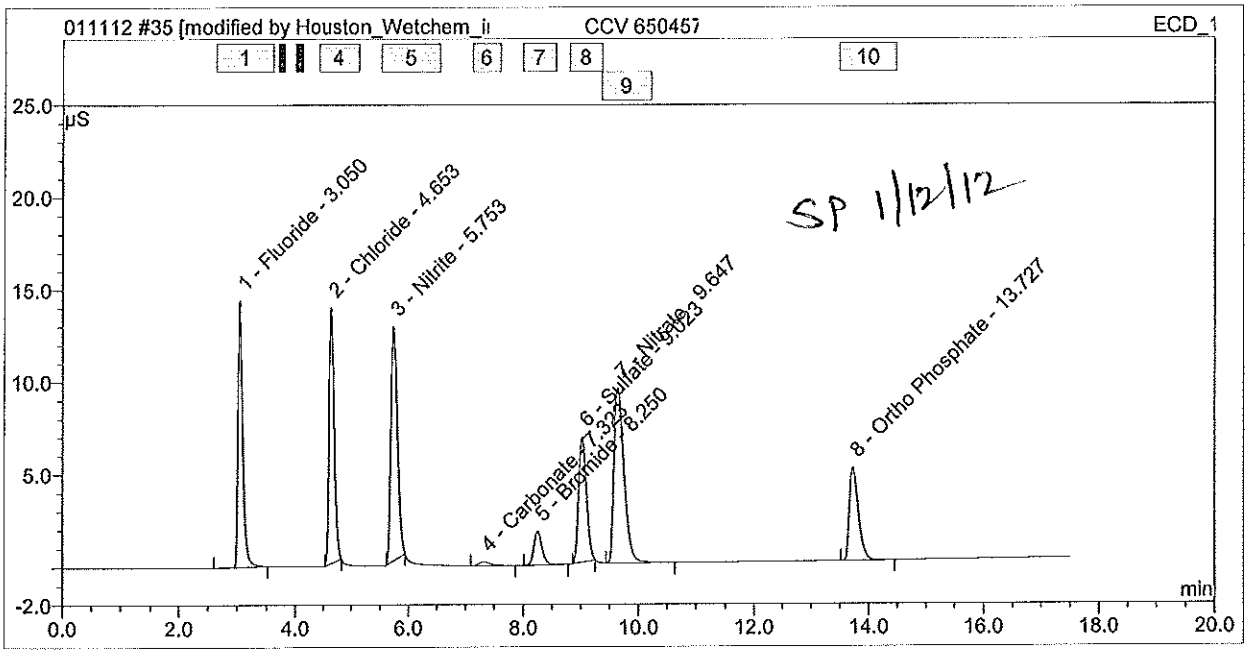


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.397	1.364	14.89	12.078	1.0000
2	4.65	Chloride	13.995	1.592	17.38	22.656	1.0000
3	5.75	Nitrite	12.951	1.890	20.64	11.972	1.0000
4	7.32	Carbonate	0.216	0.051	0.56	n.a.	1.0000
5	8.25	Bromide	1.804	0.301	3.29	9.670	1.0000
6	9.02	Sulfate	6.864	1.126	12.29	22.230	1.0000
7	9.65	Nitrate	9.447	1.920	20.96	10.104	1.0000
8	13.73	Ortho Phosphate	4.999	0.914	9.98	10.997	1.0000
Total:			64.673	9.160	100.00	99.706	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

35 CCV 650457

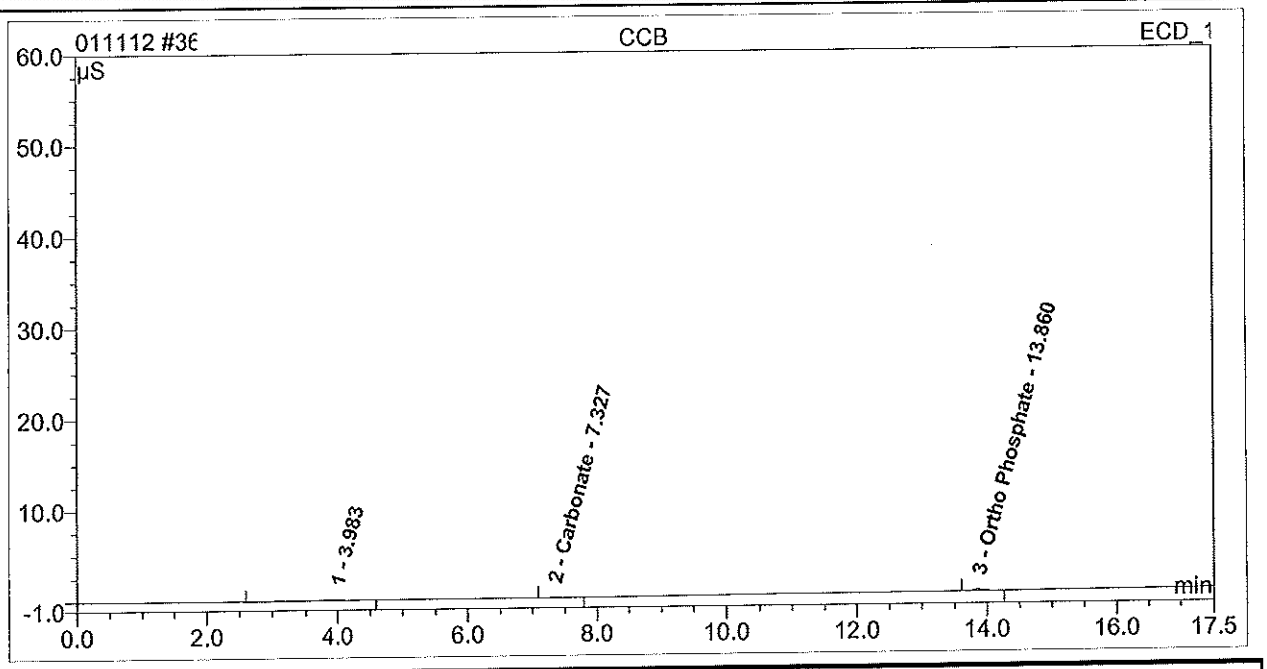
Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	35	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1824.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.215
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 21:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.397	1.364	15.44	12.078	1.0000
2	4.65	Chloride	13.822	1.501	16.99	21.358	1.0000
3	5.75	Nitrite	12.651	1.712	19.37	10.842	1.0000
4	7.32	Carbonate	0.216	0.051	0.58	n.a.	1.0000
5	8.25	Bromide	1.804	0.301	3.41	9.670	1.0000
6	9.02	Sulfate	6.763	1.072	12.14	21.179	1.0000
7	9.65	Nitrate	9.447	1.920	21.73	10.104	1.0000
8	13.73	Ortho Phosphate	4.999	0.914	10.35	10.997	1.0000
Total:			64.098	8.837	100.00	96.228	

36 CCB

Sample Name:	CCB	*Injection Volume:*	20.0
Injection Number:	36	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1826.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.218
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 21:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

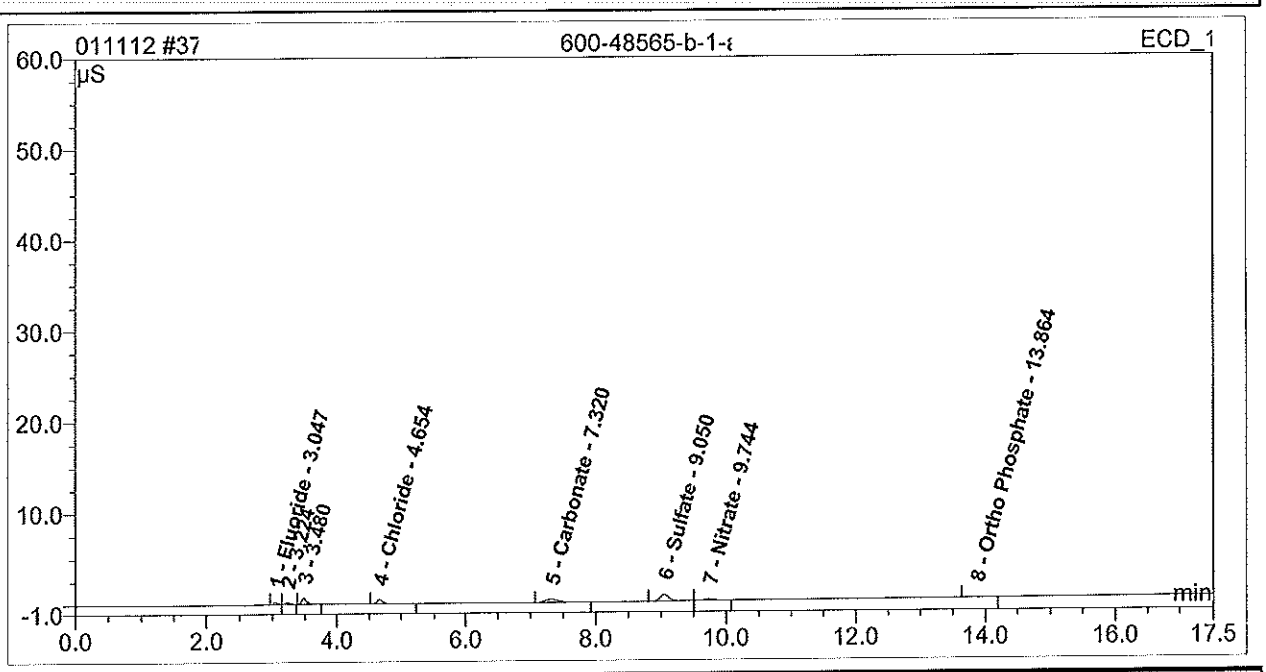


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	7.33	Carbonate	0.046	0.010	9.05	n.a.	1.0000
3	13.86	Ortho Phosphate	0.171	0.033	30.52	0.132	1.0000
Total:			0.218	0.042	39.57	0.132	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

37 600-48565-b-1-a

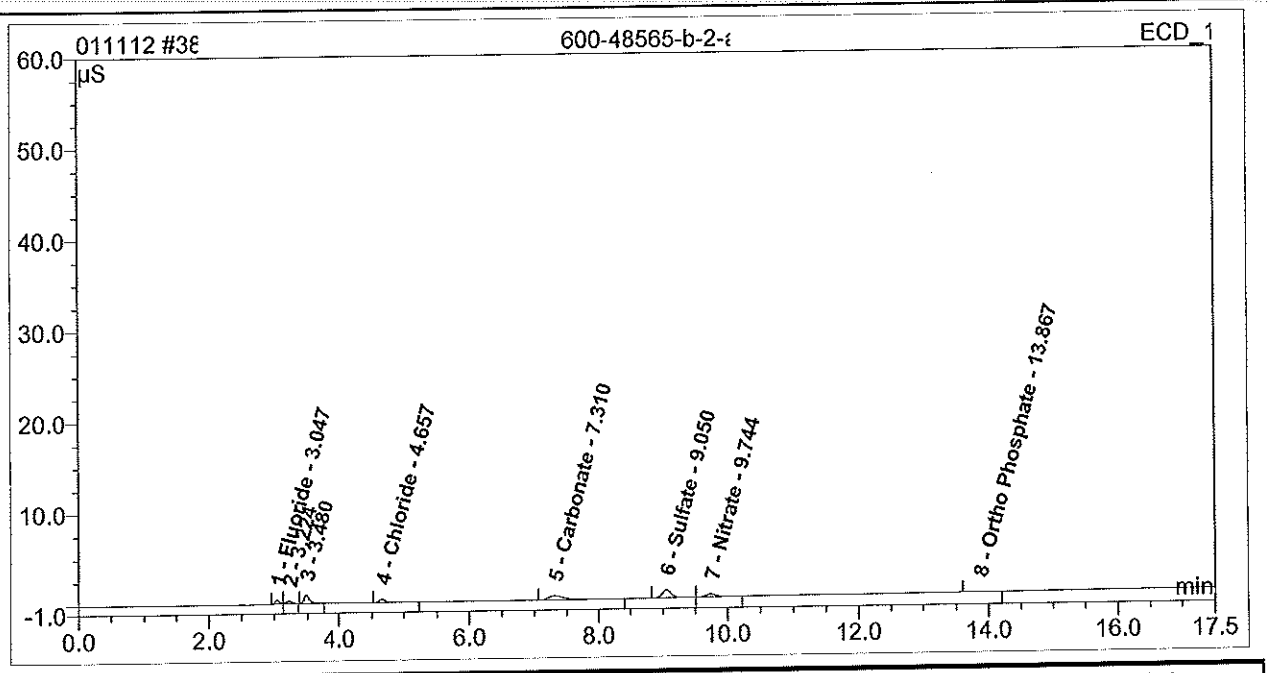
Sample Name:	600-48565-b-1-a	*Injection Volume:*	20.0
Injection Number:	37	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1826.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.215
Quantif. Method:	CALIBRATIONREG110411	Dilution Factor:	1.0000
Recording Time:	1/11/2012 21:46	Sample Weight:	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.218	0.016	4.06	0.168	1.0000
4	4.65	Chloride	0.458	0.052	13.03	0.730	1.0000
5	7.32	Carbonate	0.348	0.092	23.01	n.a.	1.0000
6	9.05	Sulfate	0.741	0.118	29.57	2.442	1.0000
7	9.74	Nitrate	0.173	0.031	7.64	0.326	1.0000
8	13.86	Ortho Phosphate	0.078	0.015	3.81	-0.084	1.0000
Total:			2.016	0.325	81.11	3.581	

38 600-48565-b-2-a

Sample Name:	600-48565-b-2-a	*Injection Volume:*	20.0
Injection Number:	38	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1831.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 22:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

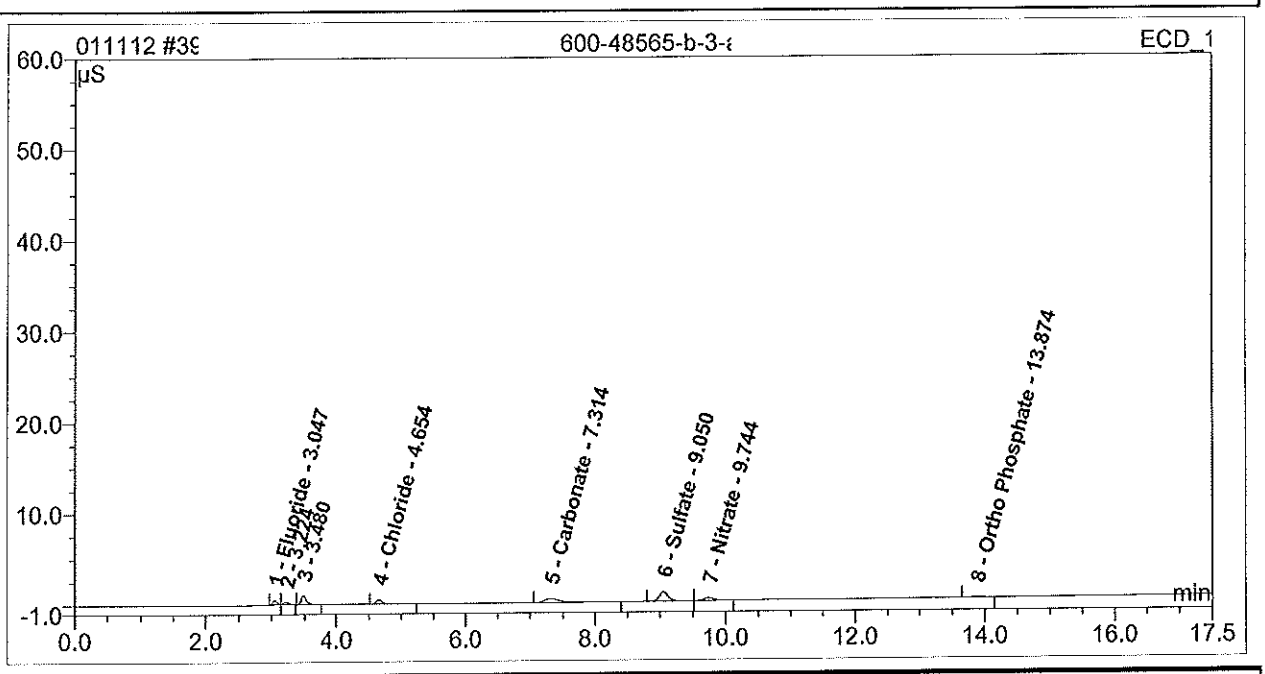


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.382	0.028	5.42	0.275	1.0000
4	4.66	Chloride	0.380	0.044	8.32	0.608	1.0000
5	7.31	Carbonate	0.472	0.141	26.89	n.a.	1.0000
6	9.05	Sulfate	0.865	0.138	26.35	2.829	1.0000
7	9.74	Nitrate	0.312	0.056	10.61	0.455	1.0000
8	13.87	Ortho Phosphate	0.058	0.011	2.16	-0.133	1.0000
Total:			2.470	0.418	79.75	4.034	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

39 600-48565-b-3-a

Sample Name:	600-48565-b-3-a	*Injection Volume:*	20.0
Injection Number:	39	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1832.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.216
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 22:26	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.452	0.034	6.12	0.322	1.0000
4	4.65	Chloride	0.473	0.054	9.78	0.754	1.0000
5	7.31	Carbonate	0.433	0.126	22.95	n.a.	1.0000
6	9.05	Sulfate	1.034	0.164	29.89	3.347	1.0000
7	9.74	Nitrate	0.308	0.054	9.90	0.449	1.0000
8	13.87	Ortho Phosphate	0.047	0.009	1.63	-0.161	1.0000
Total:			2.746	0.442	80.26	4.711	

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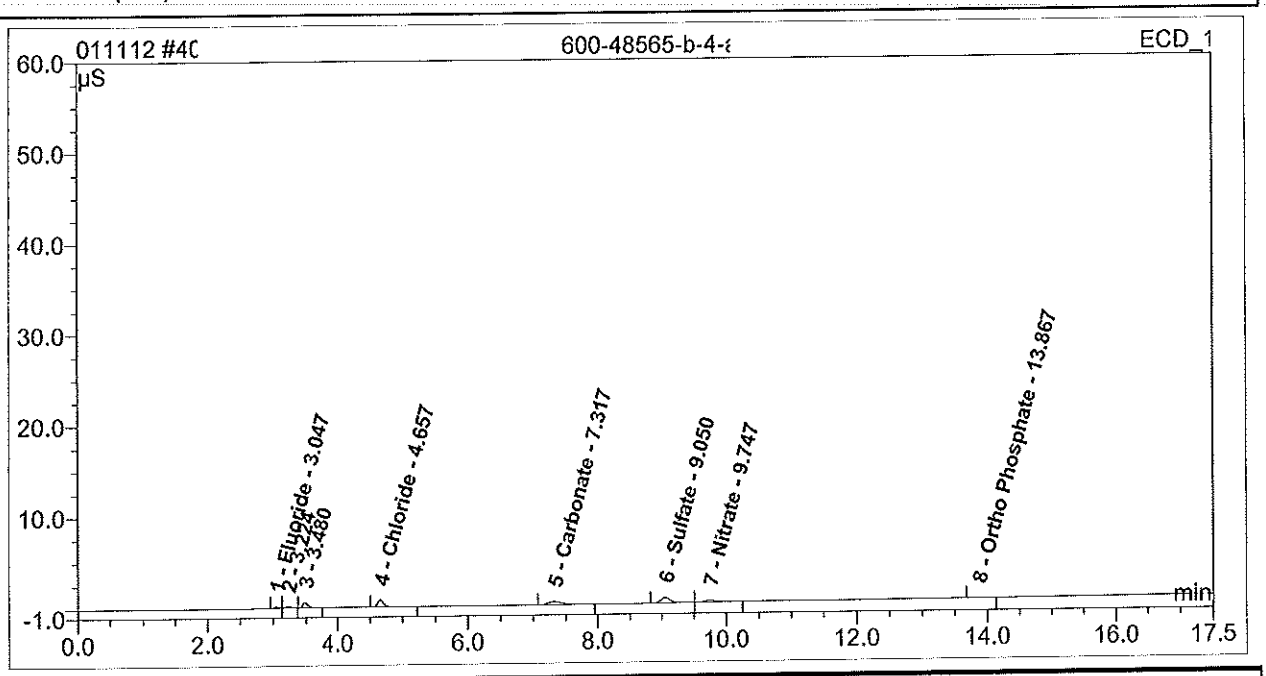
Version 6.80 Build 2212

40 600-48565-b-4-a

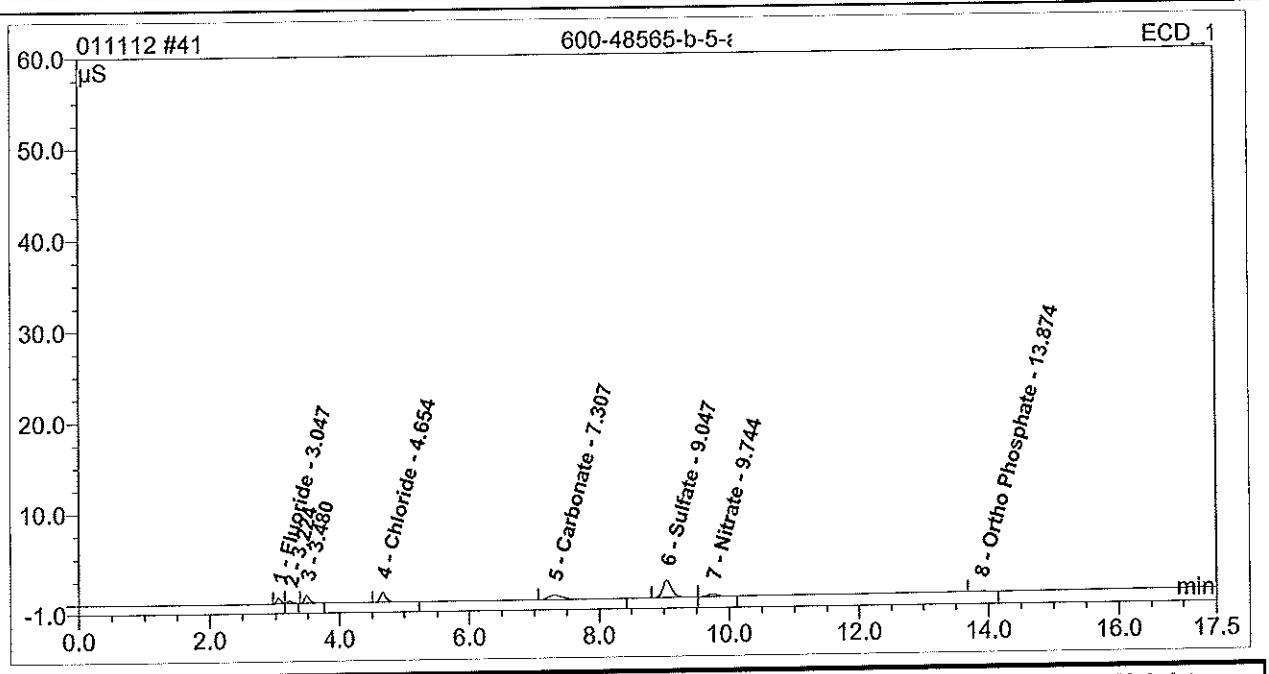
Sample Name:	600-48565-b-4-a	*Injection Volume:*	20.0
Injection Number:	40	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1832.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.216
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 22:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.146	0.011	2.63	0.119	1.0000
4	4.66	Chloride	0.777	0.088	21.47	1.235	1.0000
5	7.32	Carbonate	0.369	0.099	24.38	n.a.	1.0000
6	9.05	Sulfate	0.612	0.098	24.08	2.047	1.0000
7	9.75	Nitrate	0.209	0.037	9.19	0.361	1.0000
8	13.87	Ortho Phosphate	0.037	0.007	1.70	-0.187	1.0000
Total:			2.149	0.340	83.45	3.575	

41 600-48565-b-5-a

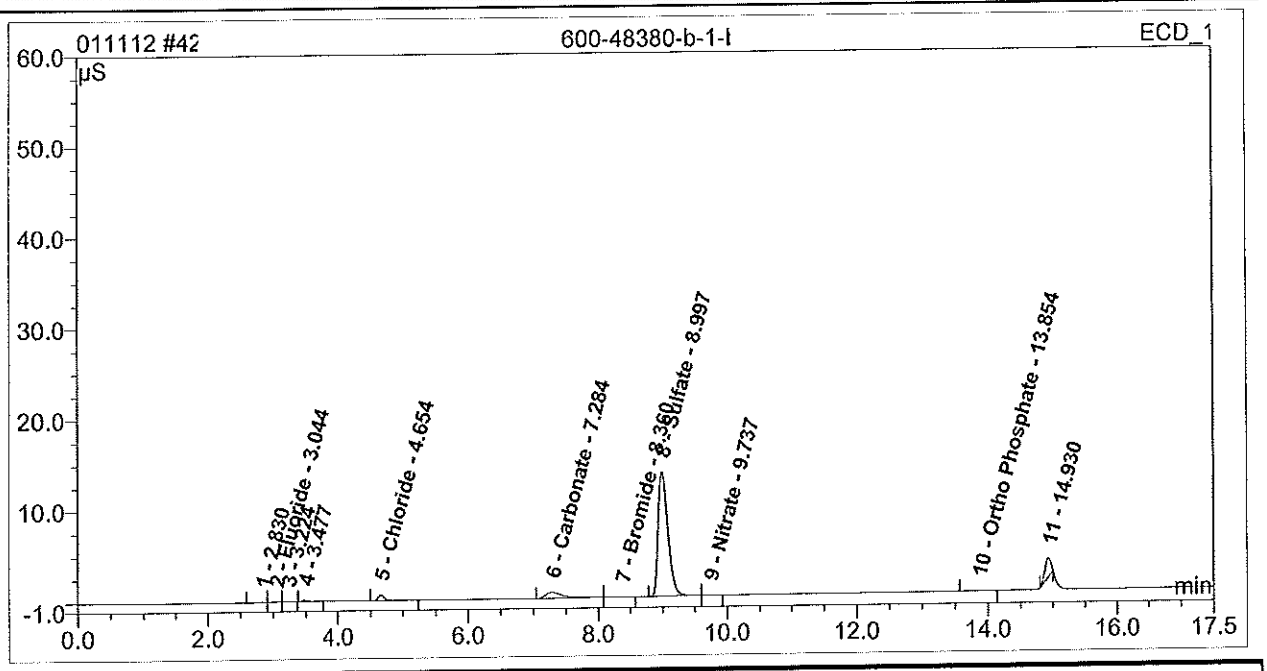
Sample Name:	600-48565-b-5-a	*Injection Volume:*	20.0
Injection Number:	41	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1833.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.217
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/11/2012 23:06	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.588	0.044	5.85	0.416	1.0000
4	4.65	Chloride	1.056	0.118	15.59	1.671	1.0000
5	7.31	Carbonate	0.483	0.145	19.18	n.a.	1.0000
6	9.05	Sulfate	1.891	0.300	39.57	6.012	1.0000
7	9.74	Nitrate	0.278	0.049	6.44	0.420	1.0000
8	13.87	Ortho Phosphate	0.030	0.006	0.76	-0.201	1.0000
Total:			4.326	0.663	87.38	8.319	

42 600-48380-b-1-b

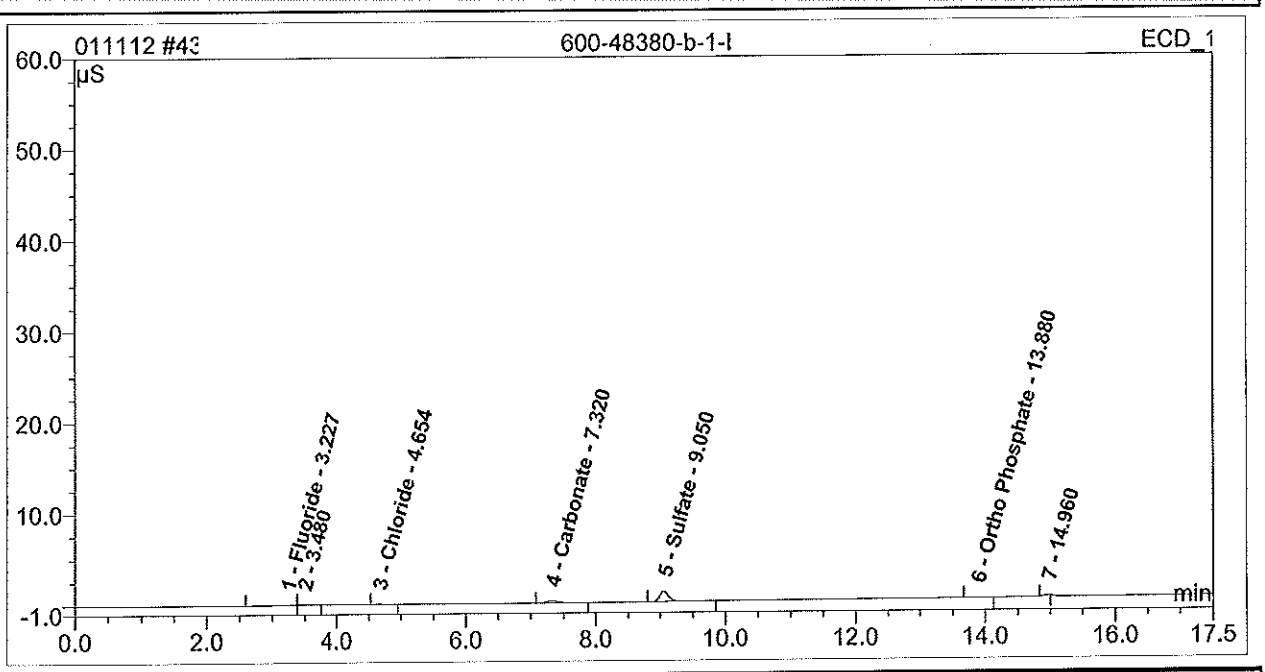
Sample Name:	600-48380-b-1-b	*Injection Volume:*	20.0
Injection Number:	42	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1835.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.218
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	10.0000
Recording Time:	1/11/2012 23:26	**Sample Weight:**	10.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	3.04	Fluoride	0.045	0.005	0.16	0.067	10.0000
5	4.65	Chloride	0.596	0.068	2.30	0.951	10.0000
6	7.28	Carbonate	0.647	0.201	6.85	n.a.	10.0000
7	8.36	Bromide	0.026	0.006	0.19	0.260	10.0000
8	9.00	Sulfate	13.639	2.409	81.85	47.425	10.0000
9	9.74	Nitrate	0.036	0.005	0.18	0.195	10.0000
10	13.85	Ortho Phosphate	0.028	0.005	0.18	-0.205	10.0000
Total:			15.017	2.699	91.71	48.693	

43 600-48380-b-1-b

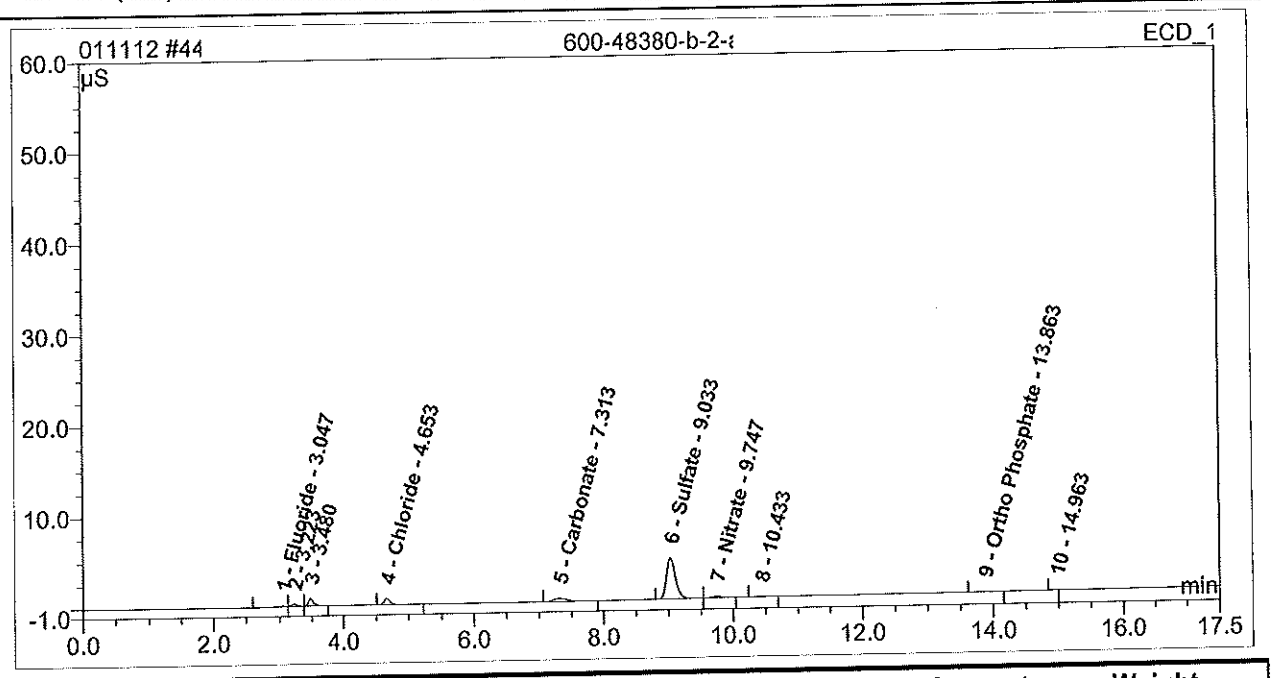
Sample Name:	600-48380-b-1-b	*Injection Volume:*	20.0
Injection Number:	43	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1837.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	100.0000
Recording Time:	1/11/2012 23:46	**Sample Weight:**	100.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.23	Fluoride	0.020	0.021	7.33	0.208	100.0000
3	4.65	Chloride	0.052	0.006	2.09	0.072	100.0000
4	7.32	Carbonate	0.229	0.055	19.49	n.a.	100.0000
5	9.05	Sulfate	1.151	0.188	66.28	3.812	100.0000
6	13.88	Ortho Phosphate	0.020	0.004	1.37	-0.224	100.0000
Total:			1.472	0.274	96.54	3.868	

44 600-48380-b-2-a

Sample Name:	600-48380-b-2-a	*Injection Volume:*	20.0
Injection Number:	44	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1839.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.220
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	10.0000
Recording Time:	1/12/2012 0:06	**Sample Weight:**	10.0000
Run Time (min):	17.50	Sample Amount:	1.0000

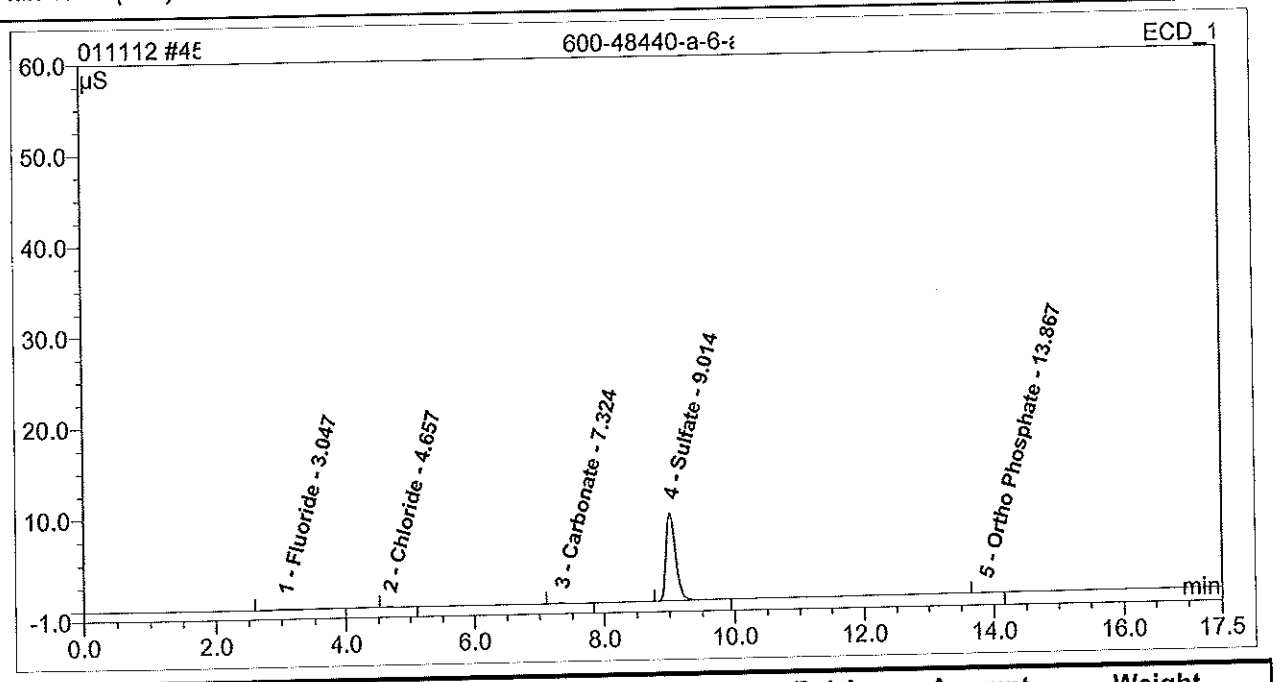


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.074	0.012	1.12	0.128	10.0000
4	4.65	Chloride	0.680	0.077	7.35	1.084	10.0000
5	7.31	Carbonate	0.362	0.096	9.14	n.a.	10.0000
6	9.03	Sulfate	4.506	0.728	69.53	14.420	10.0000
7	9.75	Nitrate	0.157	0.027	2.58	0.307	10.0000
9	13.86	Ortho Phosphate	0.030	0.006	0.55	-0.201	10.0000
Total:			5.809	0.945	90.28	15.739	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

45 600-48440-a-6-a

Sample Name:	600-48440-a-6-a	*Injection Volume:*	20.0
Injection Number:	45	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1840.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.223
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	20.0000
Recording Time:	1/12/2012 0:26	**Sample Weight:**	20.0000
Run Time (min):	17.50	Sample Amount:	1.0000

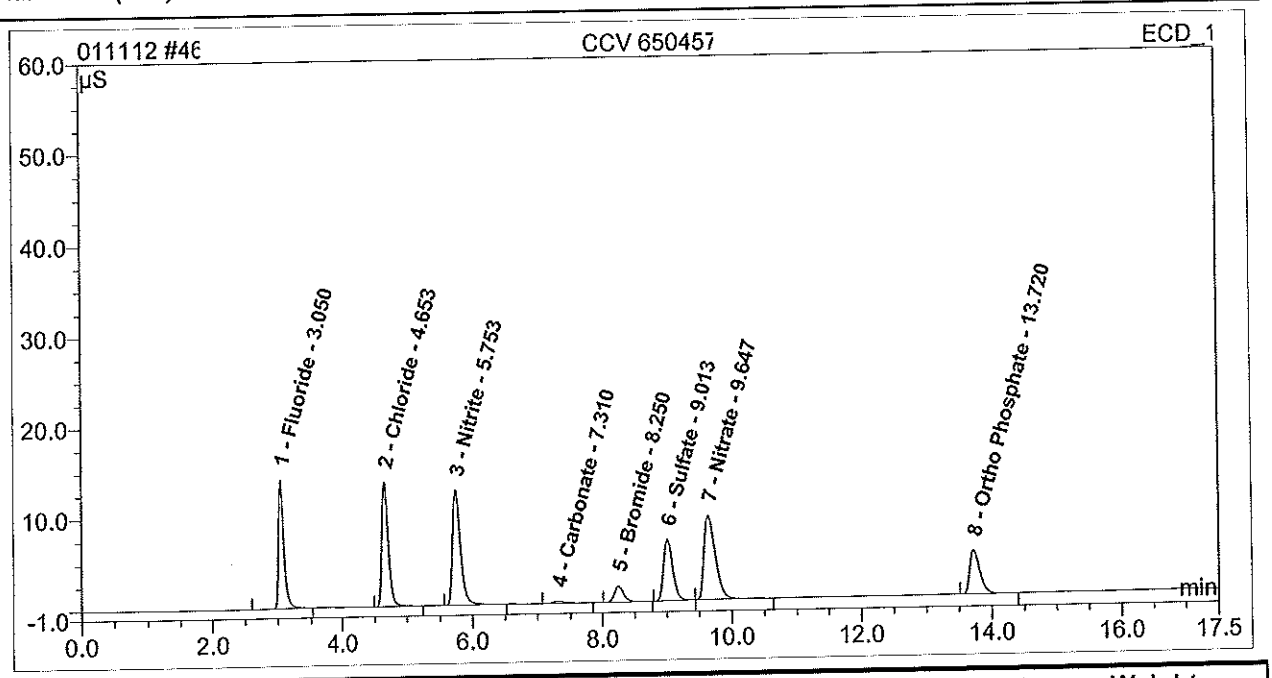


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	0.099	0.049	2.85	0.461	20.0000
2	4.66	Chloride	0.101	0.012	0.68	0.157	20.0000
3	7.32	Carbonate	0.088	0.019	1.11	n.a.	20.0000
4	9.01	Sulfate	9.572	1.649	95.15	32.505	20.0000
5	13.87	Ortho Phosphate	0.018	0.004	0.20	-0.228	20.0000
Total:			9.879	1.733	100.00	32.894	

Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

46 CCV 650457

Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	46	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1843.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.224
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/12/2012 0:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000

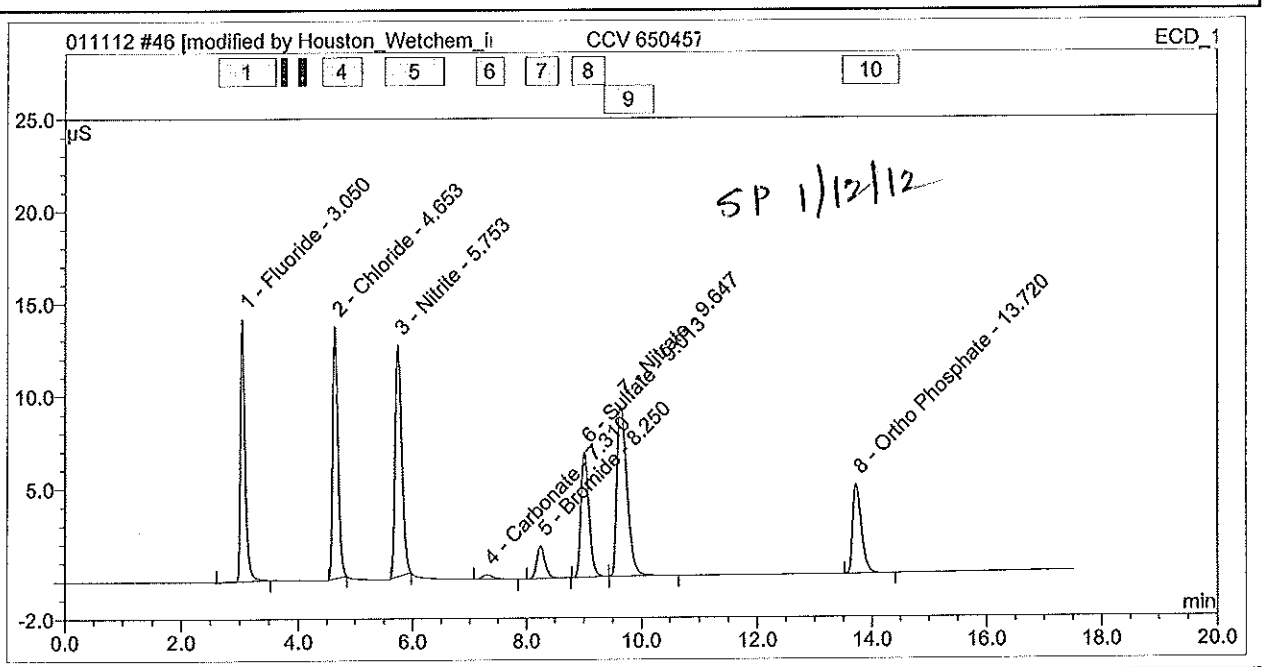


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.114	1.344	15.04	11.903	1.0000
2	4.65	Chloride	13.669	1.561	17.46	22.204	1.0000
3	5.75	Nitrite	12.632	1.849	20.68	11.710	1.0000
4	7.31	Carbonate	0.227	0.054	0.60	n.a.	1.0000
5	8.25	Bromide	1.741	0.293	3.28	9.398	1.0000
6	9.01	Sulfate	6.699	1.100	12.31	21.727	1.0000
7	9.65	Nitrate	9.184	1.875	20.97	9.873	1.0000
8	13.72	Ortho Phosphate	4.797	0.864	9.67	10.379	1.0000
Total:			63.064	8.941	100.00	97.194	

Chromeleon (c) Dionex 1991-2001
Version 6.80 Build 2212

46 CCV 650457

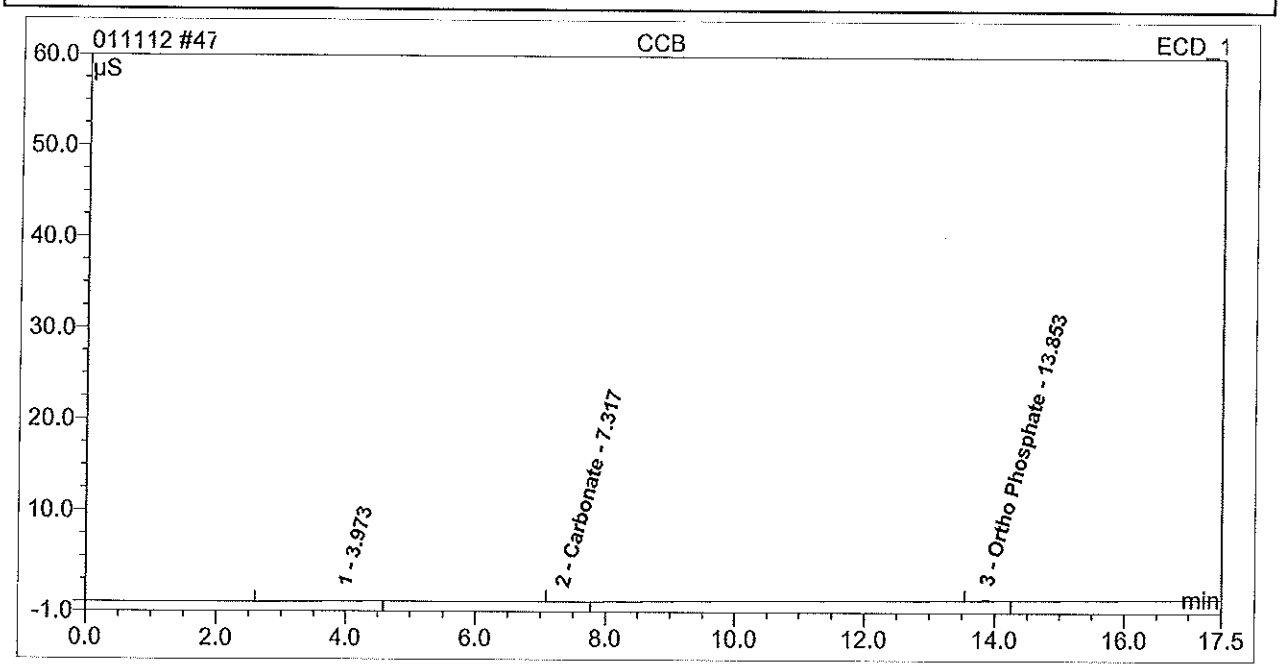
Sample Name:	CCV 650457	*Injection Volume:*	20.0
Injection Number:	46	*Channel:*	ECD_1
Sample Type:	unknown	*Pressure:*	1843.00
Control Program:	AS18 CC8	*Total Conductivity:*	1.224
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/12/2012 0:46	**Sample Weight:**	1.0000
Run Time (min):	17.50	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
1	3.05	Fluoride	14.114	1.344	15.35	11.903	1.0000
2	4.65	Chloride	13.573	1.500	17.13	21.340	1.0000
3	5.75	Nitrite	12.458	1.726	19.71	10.931	1.0000
4	7.31	Carbonate	0.227	0.054	0.62	n.a.	1.0000
5	8.25	Bromide	1.741	0.293	3.35	9.398	1.0000
6	9.01	Sulfate	6.699	1.100	12.56	21.727	1.0000
7	9.65	Nitrate	9.184	1.875	21.41	9.873	1.0000
8	13.72	Ortho Phosphate	4.797	0.864	9.87	10.379	1.0000
Total:			62.793	8.757	100.00	95.552	

47 CCB

Sample Name:	**CCB**	*Injection Volume:*	**20.0**
Injection Number:	**47**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Pressure:*	**1844.00**
Control Program:	**AS18 CC8**	*Total Conductivity:*	**1.228**
Quantif. Method:	**CALIBRATIONREG110411**	**Dilution Factor:**	**1.0000**
Recording Time:	**1/12/2012 1:06**	**Sample Weight:**	**1.0000**
Run Time (min):	**17.50**	Sample Amount:	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Weight
2	7.32	Carbonate	0.048	0.010	9.05	n.a.	1.0000
3	13.85	Ortho Phosphate	0.132	0.026	23.48	0.043	1.0000
Total:			0.180	0.035	32.53	0.043	

02/19/2012
Chromeleon (c) Dionex 1996-2001
Version 6.80 Build 2212

48 SHUTDOWN

Sample Name:	SHUTDOWN	*Injection Volume:*	20.0
Injection Number:	48	*Channel:*	n.a.
Sample Type:	unknown	*Pressure:*	n.a.
Control Program:	shutdownsys	*Total Conductivity:*	1.229
Quantif. Method:	CALIBRATIONREG110411	**Dilution Factor:**	1.0000
Recording Time:	1/12/2012 1:26	**Sample Weight:**	1.0000
Run Time (min):	n.a.	Sample Amount:	1.0000

011112 #48 SHUTDOWN ECD_1

Can't open raw data file "C:\Chromel\data\ICS2000\011112.SEQ\ECD_1.CHL\47.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

Batch 69816 → 9056-28D
DI leach Batch → 69731

Sequence: 011012
Operator: Houston_wetchem_inst

Printed: 1/10/2012 5:01:12 PM

Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100
#Samples: 32

MS-(723649) 0.25ml → 5ml @ 8X

Created: 1/10/2012 11:06:38 AM by Houston_wetchem_inst
Last Update: 1/10/2012 5:01:02 PM by Houston_wetchem_inst

1/11/12

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status
1	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished
2	CAL1 651187	Standard	2	10.0	AnionsC	CAL010612	Finished
3	CAL2 651188	Standard	3	10.0	AnionsC	CAL010612	Finished
4	CAL3 651189	Standard	4	10.0	AnionsC	CAL010612	Finished
5	CAL4 651190	Standard	5	10.0	AnionsC	CAL010612	Finished
6	CAL5 651196	Standard	6	10.0	AnionsC	CAL010612	Finished
7	CAL6 651192	Standard	7	10.0	AnionsC	CAL010612	Finished
8	CAL7 673800	Standard	8	10.0	AnionsC	CAL010612	Finished
9	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished
10	ICV 759991	Unknown	2	10.0	AnionsC	CAL010612	Finished
11	ICB	Unknown	3	10.0	AnionsC	CAL010612	Finished
12	MB	Unknown	4	10.0	AnionsC	CAL010612	Finished
13	LCS 759991	Unknown	5	10.0	AnionsC	CAL010612	Finished
14	MB 761918	Unknown	6	10.0	AnionsC	CAL010612	Finished
15	LCS 761919	Unknown	7	10.0	AnionsC	CAL010612	Finished
16	600-48059-A-1-I	Unknown	8	10.0	AnionsC	CAL010612	Finished
17	600-48059-A-5-C	Unknown	9	10.0	AnionsC	CAL010612	Finished
18	600-48059-A-9-F	Unknown	10	10.0	AnionsC	CAL010612	Finished
19	600-48059-A-13-C	Unknown	11	10.0	AnionsC	CAL010612	Finished
20	600-48440-A-1-A	Unknown	12	10.0	AnionsC	CAL010612	Finished
21	600-48440-A-1-A	Unknown	13	10.0	AnionsC	CAL010612	Finished
22	CCV 712406	Unknown	14	10.0	AnionsC	CAL010612	Finished
23	CCB	Unknown	15	10.0	AnionsC	CAL010612	Finished
24	600-48440-A-3-B	Unknown	16	10.0	AnionsC	CAL010612	Finished
25	600-48440-A-3-B	Unknown	17	10.0	AnionsC	CAL010612	Finished
26	600-48440-A-5-A	Unknown	18	10.0	AnionsC	CAL010612	Finished
27	600-48440-A-5-B DU	Unknown	19	10.0	AnionsC	CAL010612	Single
28	600-48440-A-5-C MS	Unknown	20	10.0	AnionsC	CAL010612	Single
29	600-48440-A-6-A	Unknown	21	10.0	AnionsC	CAL010612	Single
30	CCV 712406	Unknown	22	10.0	AnionsC	CAL010612	Single
31	CCB	Unknown	23	10.0	AnionsC	CAL010612	Single
32	sd	Unknown	24	10.0	Shutdown	CAL010612	Single

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Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100 Created: 1/10/2012 11:06:38 AM by Houston_wetchem_inst
#Samples: 32 Last Update: 1/10/2012 5:01:02 PM by Houston_wetchem_inst

No.	Name	Inj. Date/Time	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
1	RINSE		1.0000	1.0000	1.0000		01	
2	CAL1 651187		1.0000	1.0000	1.0000		01	
3	CAL2 651188		1.0000	1.0000	1.0000		01	
4	CAL3 651189		1.0000	1.0000	1.0000		01	
5	CAL4 651190		1.0000	1.0000	1.0000		01	
6	CAL5 651196		1.0000	1.0000	1.0000		01	
7	CAL6 651192		1.0000	1.0000	1.0000		01	
8	CAL7 673800		1.0000	1.0000	1.0000		01	
9	RINSE	1/10/2012 11:32:50 AM	1.0000	1.0000	1.0000		01	
10	ICV 759991	1/10/2012 11:50:22 AM	1.0000	1.0000	1.0000		01	
11	ICB	1/10/2012 12:08:17 PM	1.0000	1.0000	1.0000		01	
12	MB	1/10/2012 12:26:12 PM	1.0000	1.0000	1.0000		01	
13	LCS 759991	1/10/2012 12:44:07 PM	1.0000	1.0000	1.0000		01	
14	MB 761918	1/10/2012 1:02:03 PM	1.0000	1.0000	1.0000		01	
15	LCS 761919	1/10/2012 1:19:57 PM	1.0000	1.0000	1.0000		01	
16	600-48059-A-1-I	1/10/2012 1:37:52 PM	1.0000	1.0000	1.0000		01	
17	600-48059-A-5-C	1/10/2012 1:55:47 PM	1.0000	1.0000	1.0000		01	
18	600-48059-A-9-F	1/10/2012 2:13:42 PM	1.0000	1.0000	1.0000		01	
19	600-48059-A-13-C	1/10/2012 2:31:37 PM	1.0000	1.0000	1.0000		01	
20	600-48440-A-1-A	1/10/2012 2:49:32 PM	1.0000	1.0000	1.0000		01	
21	600-48440-A-1-A	1/10/2012 3:07:27 PM	10.0000	10.0000	1.0000		01	
22	CCV 712406	1/10/2012 3:25:22 PM	1.0000	1.0000	1.0000		01	
23	CCB	1/10/2012 3:43:17 PM	1.0000	1.0000	1.0000		01	
24	600-48440-A-3-B	1/10/2012 4:01:12 PM	1.0000	1.0000	1.0000		01	
25	600-48440-A-3-B	1/10/2012 4:19:07 PM	10.0000	10.0000	1.0000		01	
26	600-48440-A-5-A	1/10/2012 4:37:02 PM	20.0000	20.0000	1.0000		01	
27	600-48440-A-5-B DU	1/10/2012 4:54:57 PM	20.0000	20.0000	1.0000		01	
28	600-48440-A-5-C MS		20.0000	20.0000	1.0000		01	
29	600-48440-A-6-A		10.0000	10.0000	1.0000		01	
30	CCV 712406		1.0000	1.0000	1.0000		01	
31	CCB		1.0000	1.0000	1.0000		01	
32	sd		1.0000	1.0000	1.0000		01	

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1 RINSE

Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**n.a.**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011012 #1 RINSE ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\1.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	
Total:			0.000	0.000	0.00	0.000	

2 CAL1 651187

Sample Name:	**CAL1 651187**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011012 #2 CAL1 651187 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\2.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	
Total:			0.000	0.000	0.00	0.000	

3 CAL2 651188

Sample Name:	**CAL2 651188**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011012 #3 CAL2 651188 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\3.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	
Total:			0.000	0.000	0.00	0.000	

4 CAL3 651189

Sample Name:	**CAL3 651189**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011012 #4 CAL3 651189 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\4.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

5 CAL4 651190

Sample Name:	**CAL4 651190**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011012 #5 CAL4 651190 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\5.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	
Total:			0.000	0.000	0.00	0.000	

6 CAL5 651196

Sample Name:	**CAL5 651196**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011012 #6 CAL5 651196 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\6.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

7 CAL6 651192

Sample Name:	**CAL6 651192**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011012 #7 CAL6 651192 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\7.acd".
The system cannot find the file specified.

n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	n.a.		n.a.	n.a.	n.a.	n.a.	
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011012 #8 CAL7 673800 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\8.acd".
The system cannot find the file specified.

n.a.	n.a. n.a.	n.a.	n.a. n.a.	n.a. n.a.	n.a. n.a.	n.a. n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

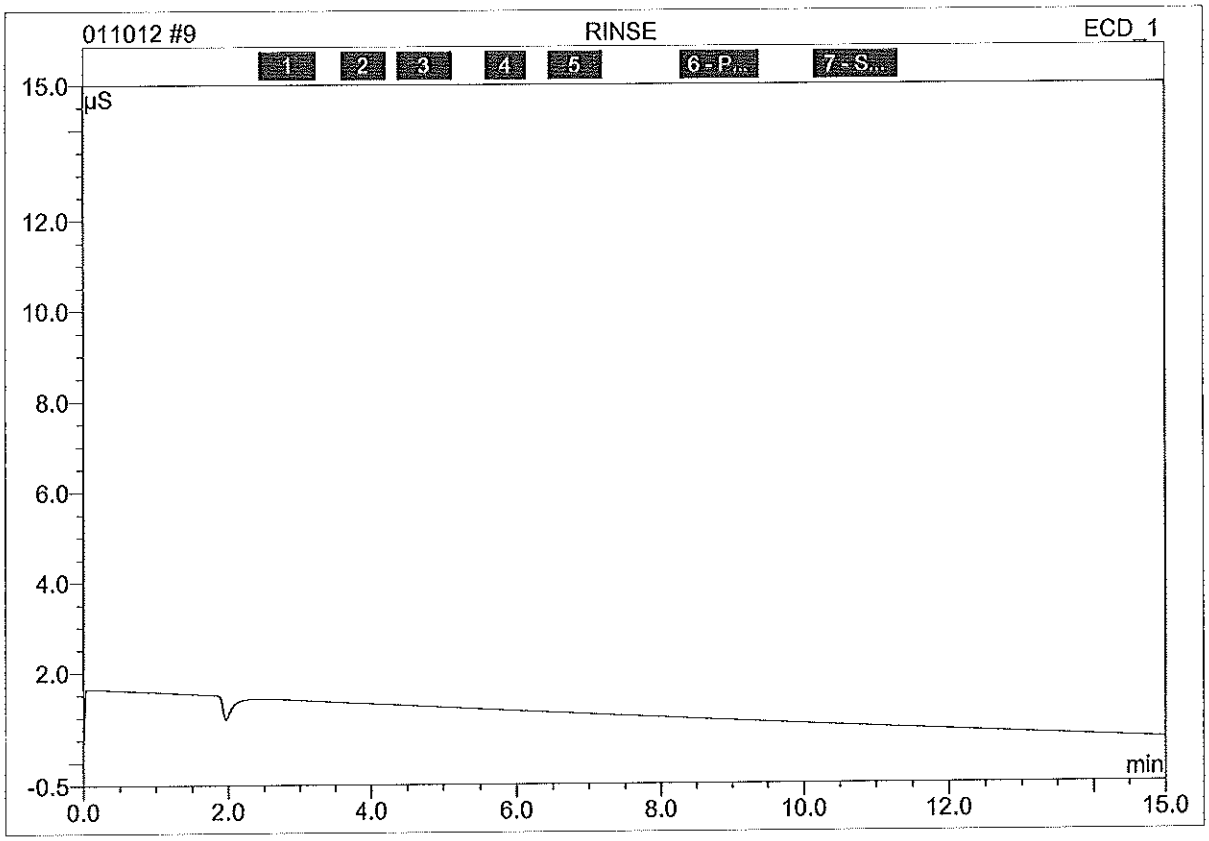
Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011012.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
Average:					n.a.	n.a.	n.a.	n.a.

9 RINSE

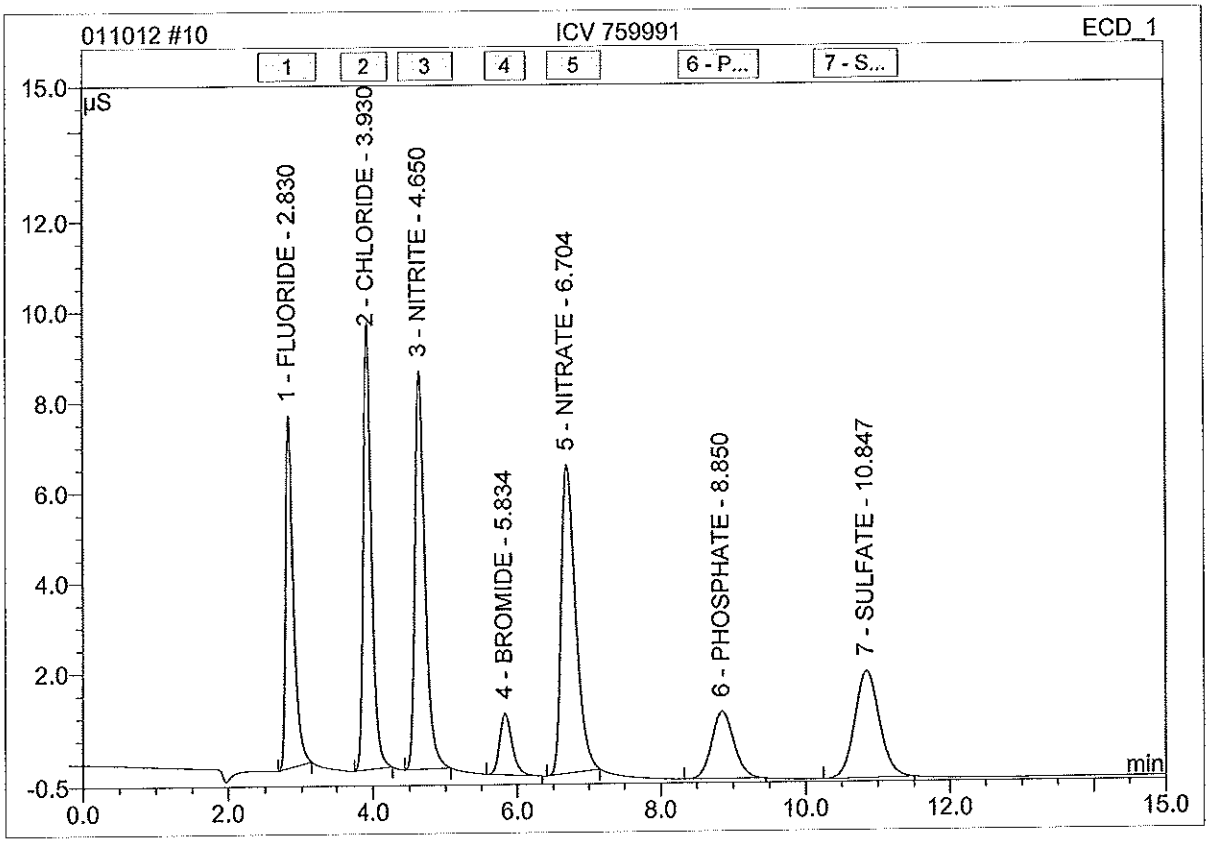
Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 11:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

10 ICV 759991

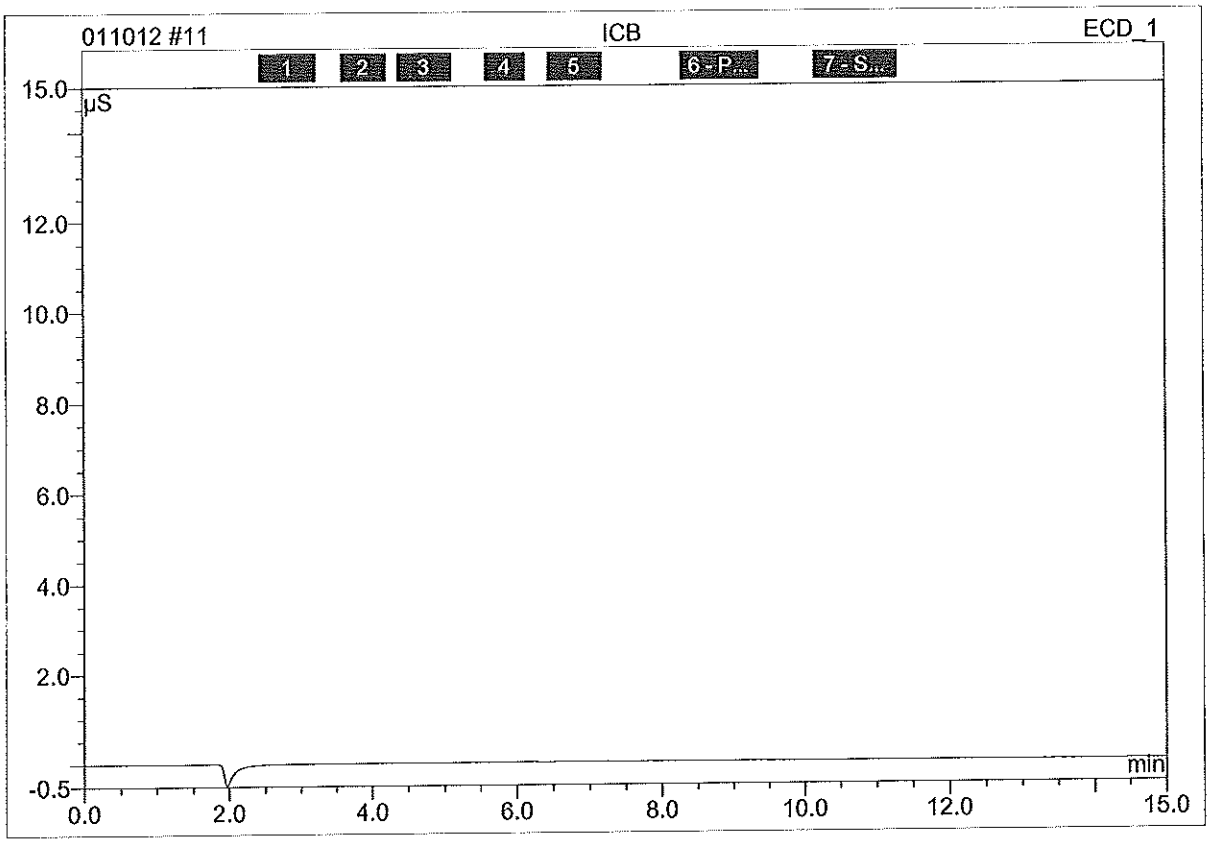
Sample Name:	**ICV 759991**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 11:50**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.784	0.957	13.45	9.522	BMB
2	3.93	CHLORIDE	9.895	1.346	18.92	18.894	BMB
3	4.65	NITRITE	8.809	1.461	20.53	9.467	BMB
4	5.83	BROMIDE	1.352	0.273	3.84	10.124	BMB
5	6.70	NITRATE	6.820	1.607	22.58	10.449	BMB
6	8.85	PHOSPHATE	1.488	0.535	7.51	10.450	BMB
7	10.85	SULFATE	2.358	0.938	13.18	20.693	BMB
Total:			38.506	7.117	100.00	89.599	

11 ICB

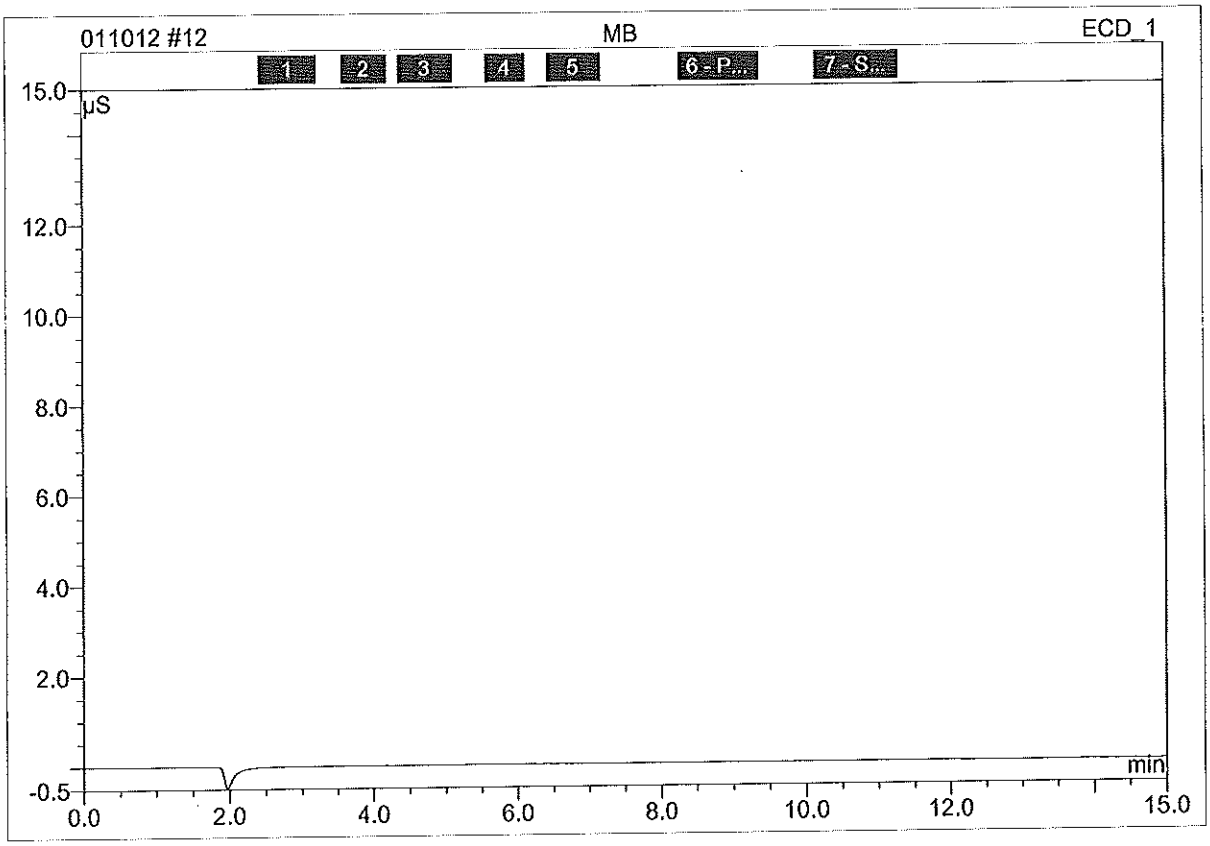
Sample Name:	ICB	*Injection Volume:*	10.0
Vial Number:	3	*Channel:*	ECD_1
Sample Type:	unknown	*Wavelength:*	n.a.
Control Program:	AnionsC	*Bandwidth:*	n.a.
Quantif. Method:	CAL010612	*Dilution Factor:*	1.0000
Recording Time:	1/10/2012 12:08	*Sample Weight:*	1.0000
Run Time (min):	15.00	*Sample Amount:*	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

12 MB

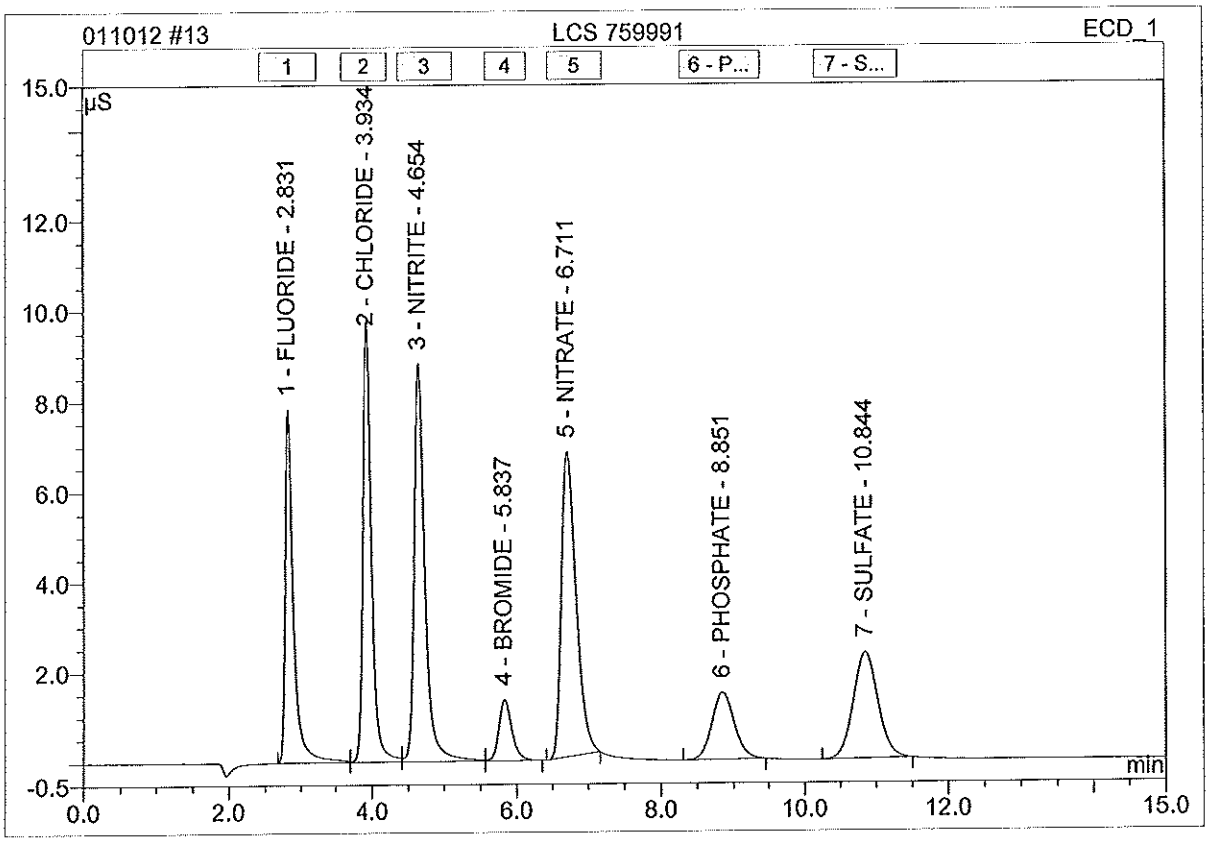
Sample Name:	**MB**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 12:26**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

13 LCS 759991

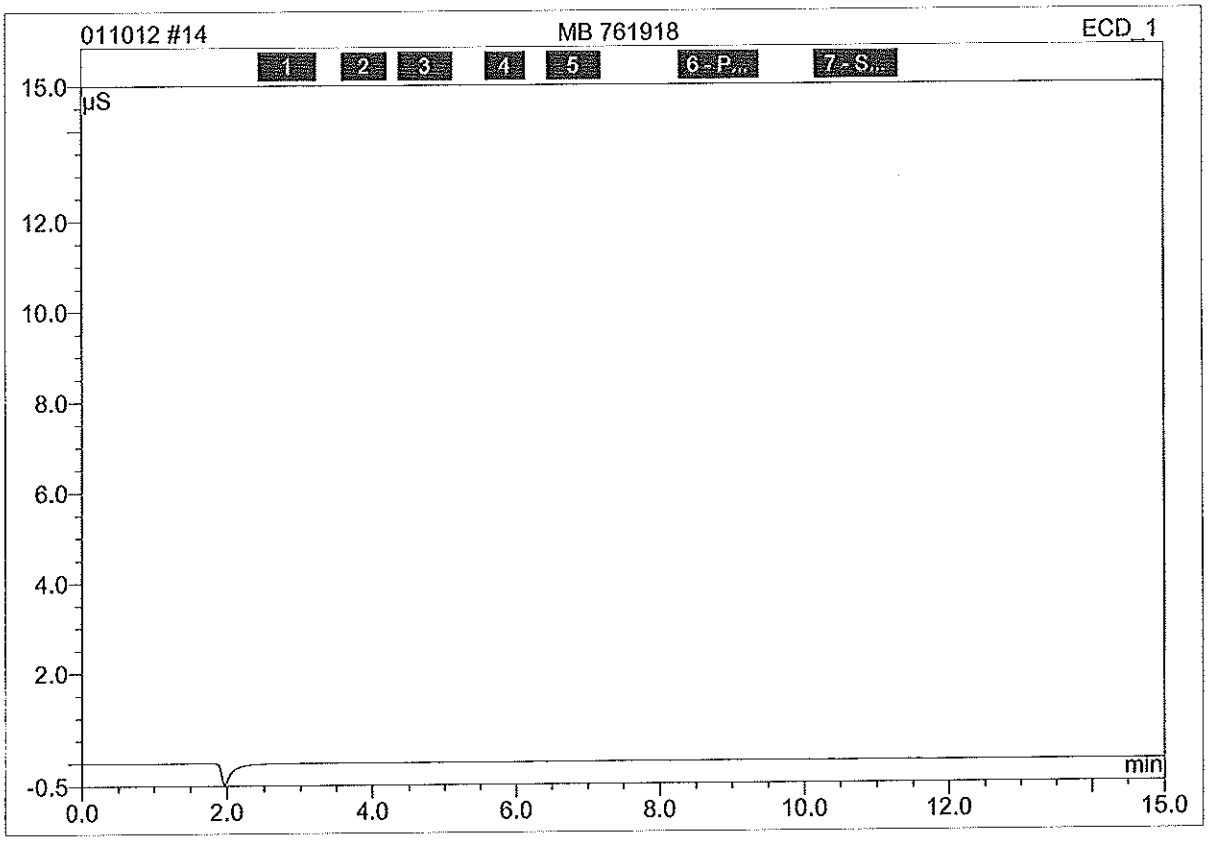
Sample Name:	**LCS 759991**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 12:44**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.815	1.047	14.26	10.402	BM
2	3.93	CHLORIDE	9.839	1.395	18.99	19.545	M
3	4.65	NITRITE	8.809	1.553	21.15	10.053	M
4	5.84	BROMIDE	1.348	0.278	3.78	10.300	MB
5	6.71	NITRATE	6.752	1.597	21.75	10.386	BMB
6	8.85	PHOSPHATE	1.484	0.537	7.31	10.485	BMB
7	10.84	SULFATE	2.348	0.937	12.76	20.669	BMB
Total:			38.396	7.344	100.00	91.839	

14 MB 761918

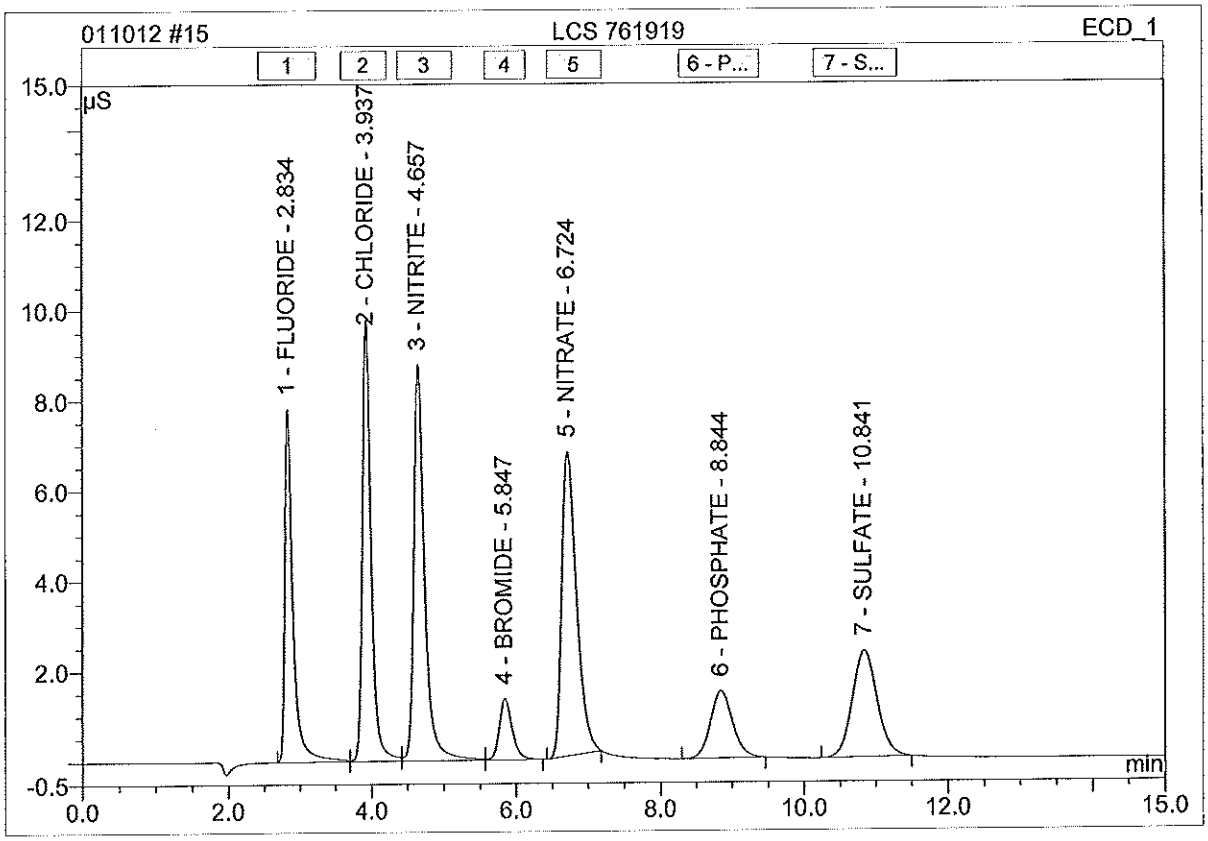
Sample Name:	**MB 761918**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 13:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

15 LCS 761919

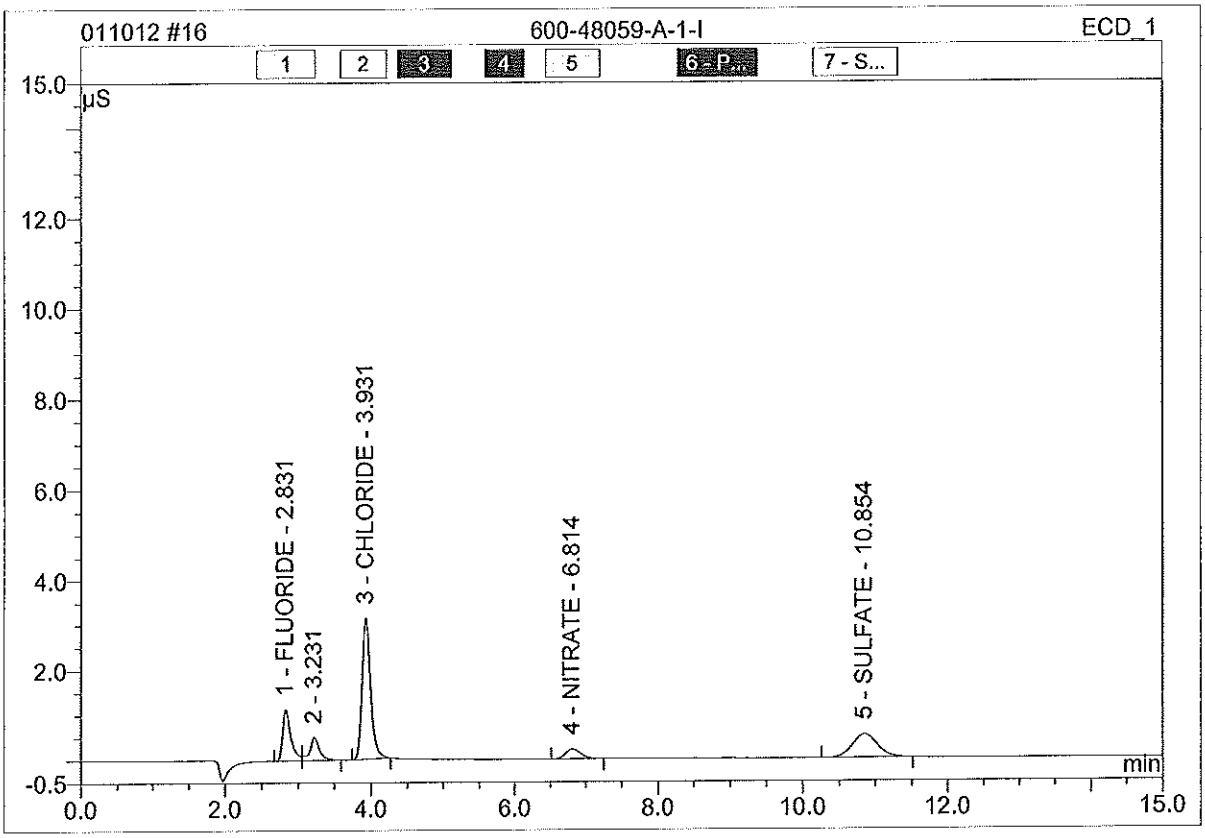
Sample Name:	**LCS 761919**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 13:19**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.813	1.044	14.26	10.373	BM
2	3.94	CHLORIDE	9.793	1.388	18.95	19.459	M
3	4.66	NITRITE	8.769	1.548	21.14	10.022	M
4	5.85	BROMIDE	1.345	0.278	3.80	10.321	MB
5	6.72	NITRATE	6.725	1.594	21.75	10.364	BMB
6	8.84	PHOSPHATE	1.481	0.536	7.32	10.484	BMB
7	10.84	SULFATE	2.345	0.936	12.78	20.648	BMB
Total:			38.271	7.326	100.00	91.671	

16 600-48059-A-1-I

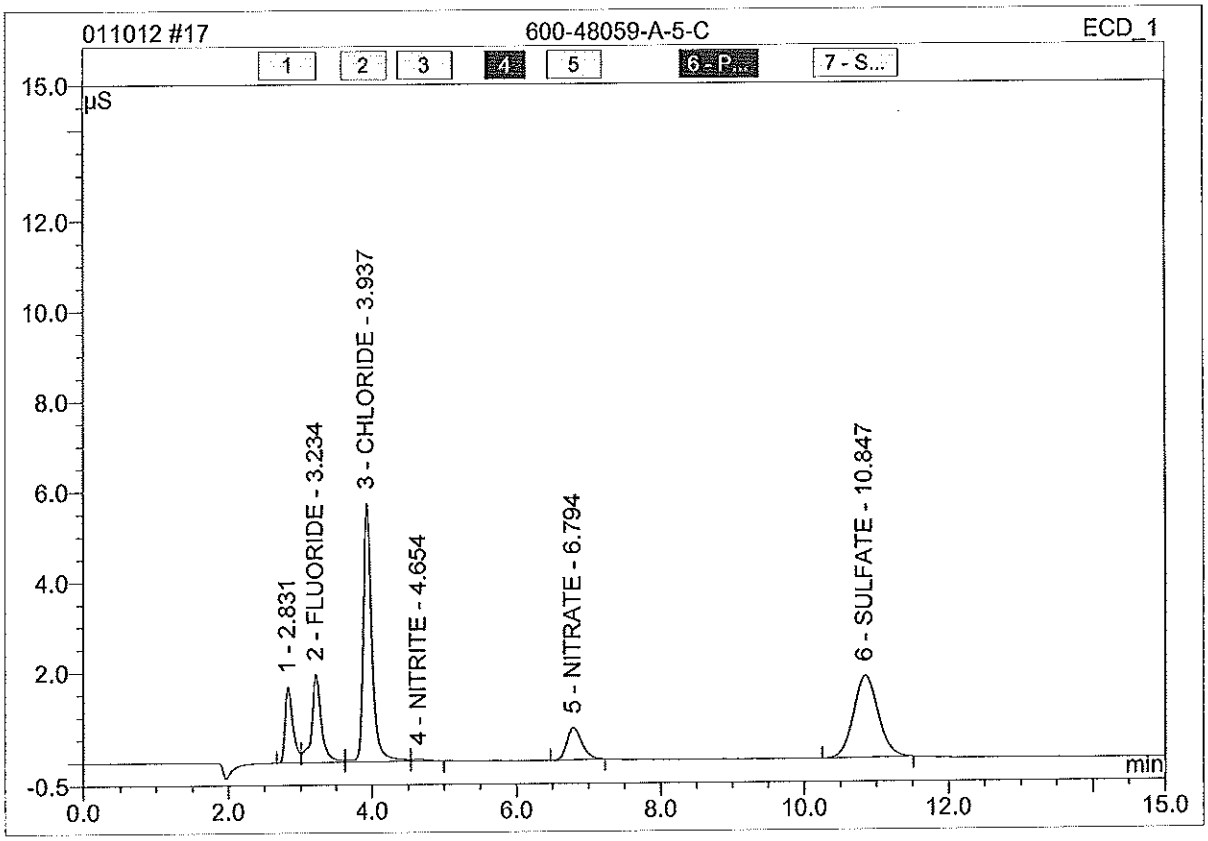
Sample Name:	**600-48059-A-1-I**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 13:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	1.126	0.149	15.98	1.677	BM
2	3.23	n.a.	0.513	0.081	8.70	n.a.	MB
3	3.93	CHLORIDE	3.143	0.438	47.00	6.627	BMB
4	6.81	NITRATE	0.218	0.053	5.65	0.575	BMB
5	10.85	SULFATE	0.522	0.212	22.68	4.821	BMB
Total:			5.523	0.933	100.00	13.699	

17 600-48059-A-5-C

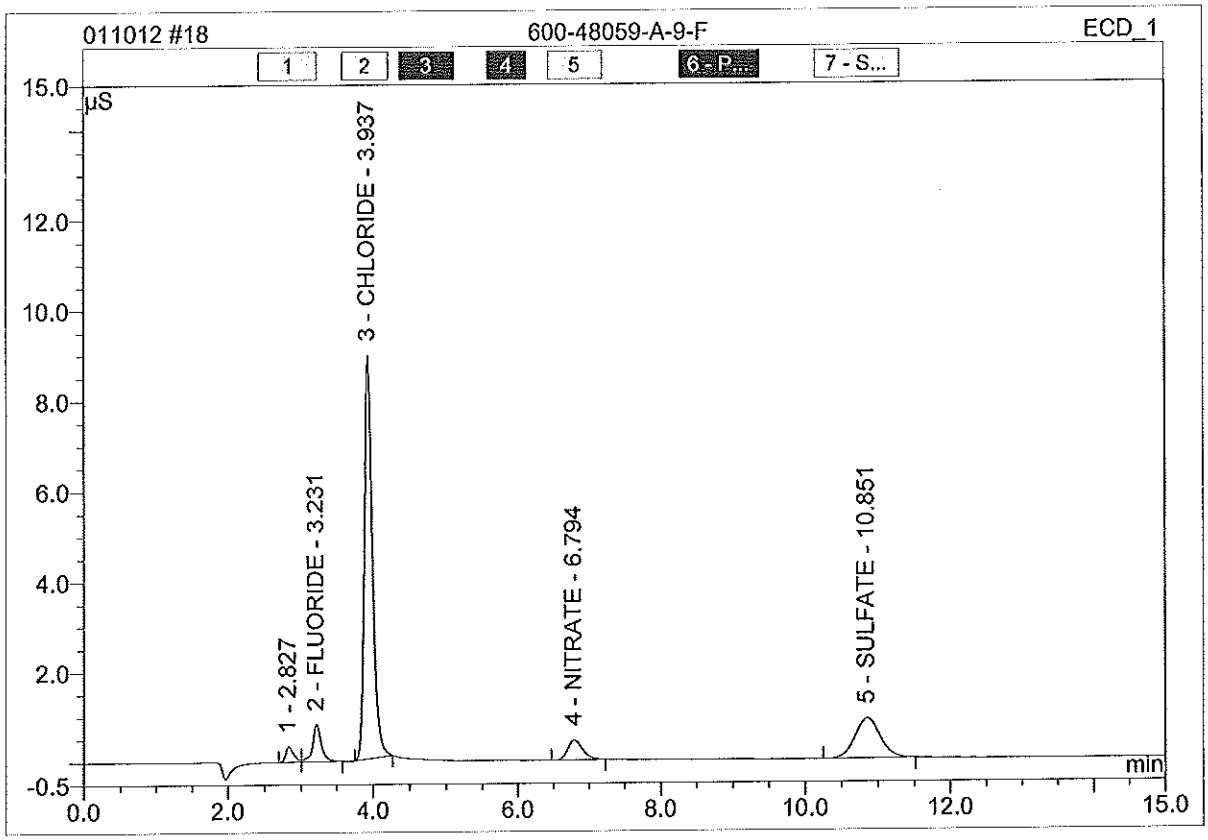
Sample Name:	600-48059-A-5-C	*Injection Volume:*	10.0
Vial Number:	9	*Channel:*	ECD_1
Sample Type:	unknown	*Wavelength:*	n.a.
Control Program:	AnionsC	*Bandwidth:*	n.a.
Quantif. Method:	CAL010612	*Dilution Factor:*	1.0000
Recording Time:	1/10/2012 13:55	*Sample Weight:*	1.0000
Run Time (min):	15.00	*Sample Amount:*	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	n.a.	1.671	0.214	9.50	n.a.	BM
2	3.23	FLUORIDE	1.949	0.316	13.99	3.295	M
3	3.94	CHLORIDE	5.717	0.821	36.37	11.791	M
4	4.65	NITRITE	0.046	0.010	0.45	0.284	MB
5	6.79	NITRATE	0.711	0.172	7.61	1.331	BMB
6	10.85	SULFATE	1.810	0.724	32.07	16.011	BMB
Total:			11.904	2.256	100.00	32.712	

18 600-48059-A-9-F

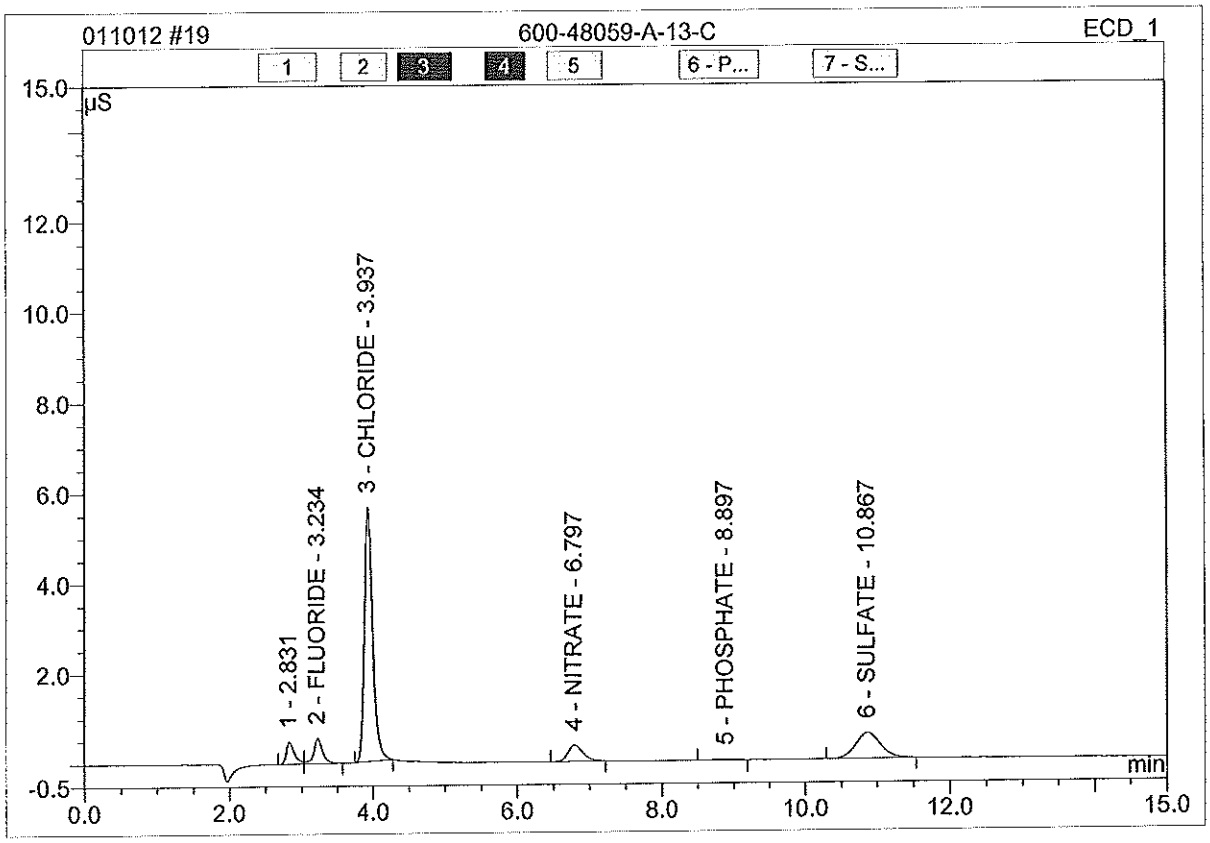
Sample Name:	**600-48059-A-9-F**	*Injection Volume:*	**10.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 14:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	n.a.	0.345	0.045	2.43	n.a.	BM
2	3.23	FLUORIDE	0.830	0.123	6.69	1.426	MB
3	3.94	CHLORIDE	8.931	1.206	65.49	16.995	BMB
4	6.79	NITRATE	0.446	0.109	5.91	0.932	BMB
5	10.85	SULFATE	0.891	0.359	19.48	8.037	BMB
Total:			11.442	1.841	100.00	27.389	

19 600-48059-A-13-C

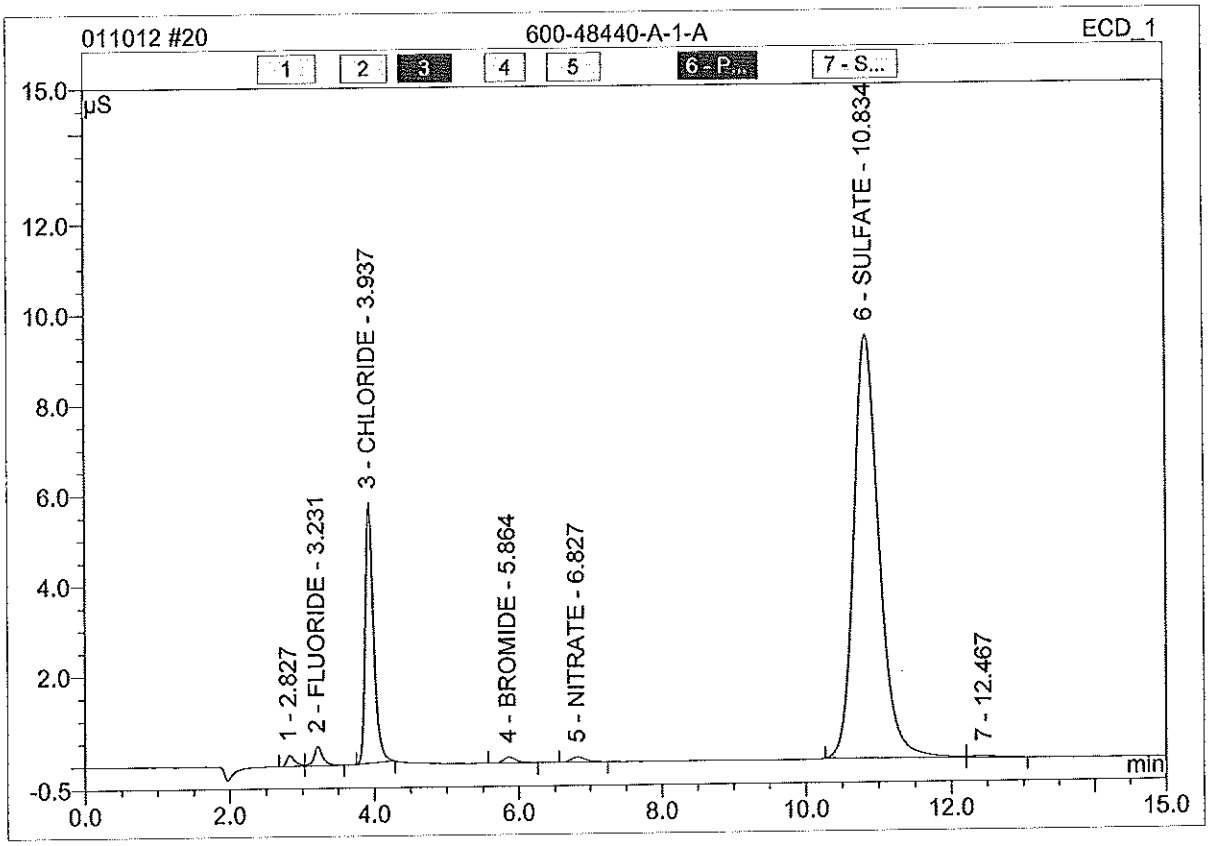
Sample Name:	**600-48059-A-13-C**	*Injection Volume:*	**10.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 14:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	n.a.	0.485	0.064	5.17	n.a.	BM
2	3.23	FLUORIDE	0.564	0.083	6.73	1.041	MB
3	3.94	CHLORIDE	5.633	0.768	61.88	11.079	BMB
4	6.80	NITRATE	0.360	0.087	6.98	0.790	BMB
5	8.90	PHOSPHATE	0.021	0.007	0.59	0.386	BMB
6	10.87	SULFATE	0.572	0.231	18.65	5.256	BMB
Total:			7.635	1.241	100.00	18.551	

20 600-48440-A-1-A

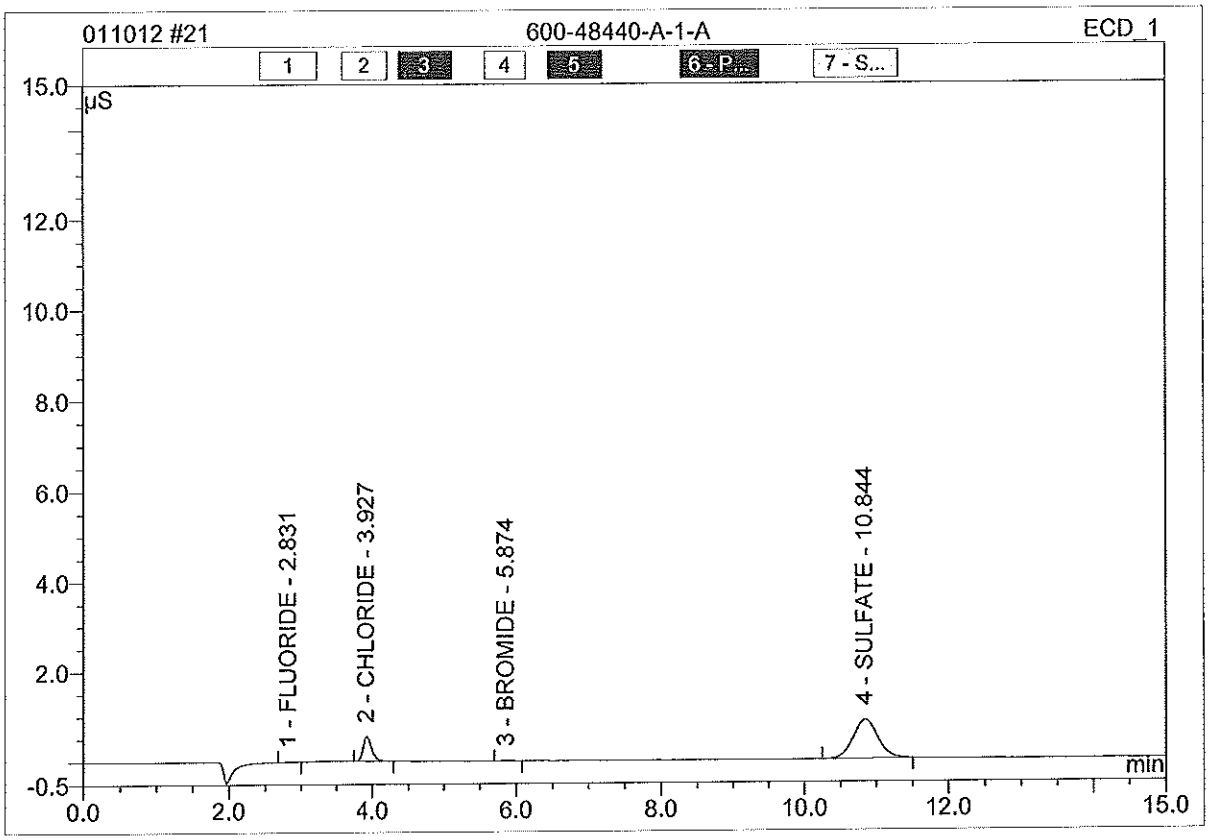
Sample Name:	600-48440-A-1-A	*Injection Volume:*	10.0
Vial Number:	12	*Channel:*	ECD_1
Sample Type:	unknown	*Wavelength:*	n.a.
Control Program:	AnionsC	*Bandwidth:*	n.a.
Quantif. Method:	CAL010612	*Dilution Factor:*	1.0000
Recording Time:	1/10/2012 14:49	*Sample Weight:*	1.0000
Run Time (min):	15.00	*Sample Amount:*	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	n.a.	0.236	0.032	0.69	n.a.	BM
2	3.23	FLUORIDE	0.420	0.062	1.32	0.835	MB
3	3.94	CHLORIDE	5.760	0.785	16.67	11.312	BMB
4	5.86	BROMIDE	0.132	0.027	0.58	1.046	BMB
5	6.83	NITRATE	0.112	0.027	0.58	0.412	BMB
6	10.83	SULFATE	9.379	3.760	79.83	82.343	BM
7	12.47	n.a.	0.033	0.016	0.33	n.a.	MB
Total:			16.072	4.709	100.00	95.949	

21 600-48440-A-1-A

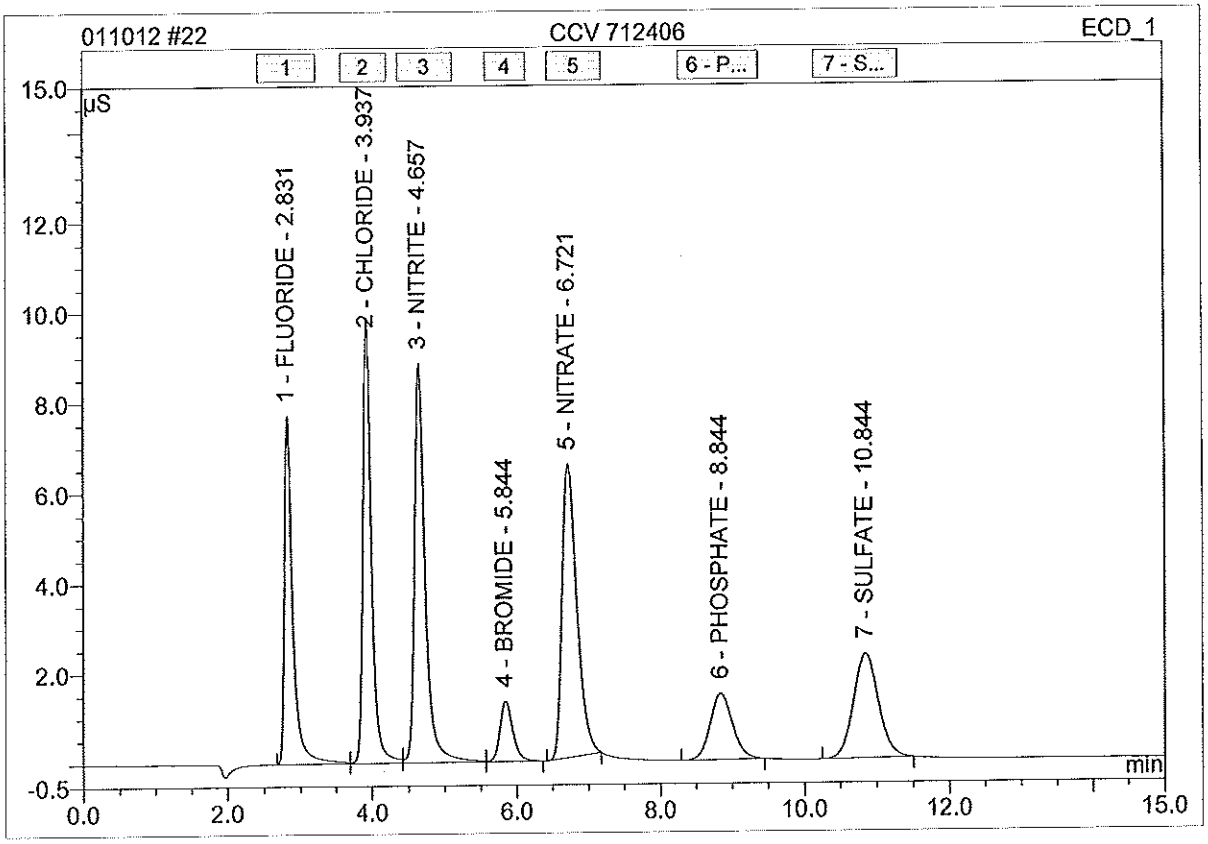
Sample Name:	**600-48440-A-1-A**	*Injection Volume:*	**10.0**
Vial Number:	**13**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/10/2012 15:07**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.023	0.003	0.64	0.257	BMB
2	3.93	CHLORIDE	0.551	0.078	18.02	1.759	BMB
3	5.87	BROMIDE	0.015	0.003	0.60	0.139	BMB
4	10.84	SULFATE	0.866	0.350	80.73	7.839	BMB
Total:			1.454	0.433	100.00	9.994	

22 CCV 712406

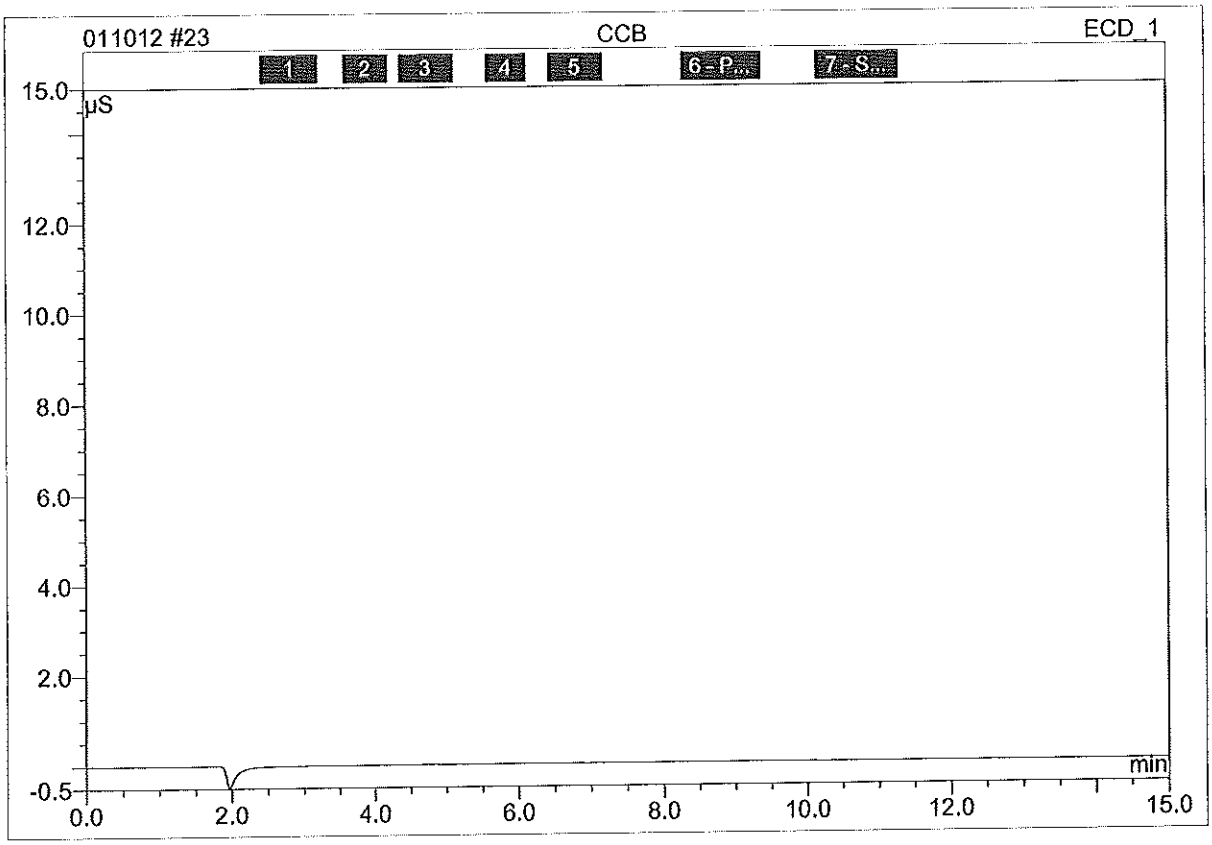
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**14**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 15:25**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.697	1.026	14.16	10.195	BM
2	3.94	CHLORIDE	9.879	1.394	19.24	19.541	M
3	4.66	NITRITE	8.849	1.559	21.51	10.090	M
4	5.84	BROMIDE	1.333	0.275	3.79	10.186	MB
5	6.72	NITRATE	6.495	1.541	21.26	10.029	BMB
6	8.84	PHOSPHATE	1.464	0.529	7.30	10.348	BMB
7	10.84	SULFATE	2.312	0.923	12.74	20.371	BMB
Total:			38.029	7.248	100.00	90.761	

23 CCB

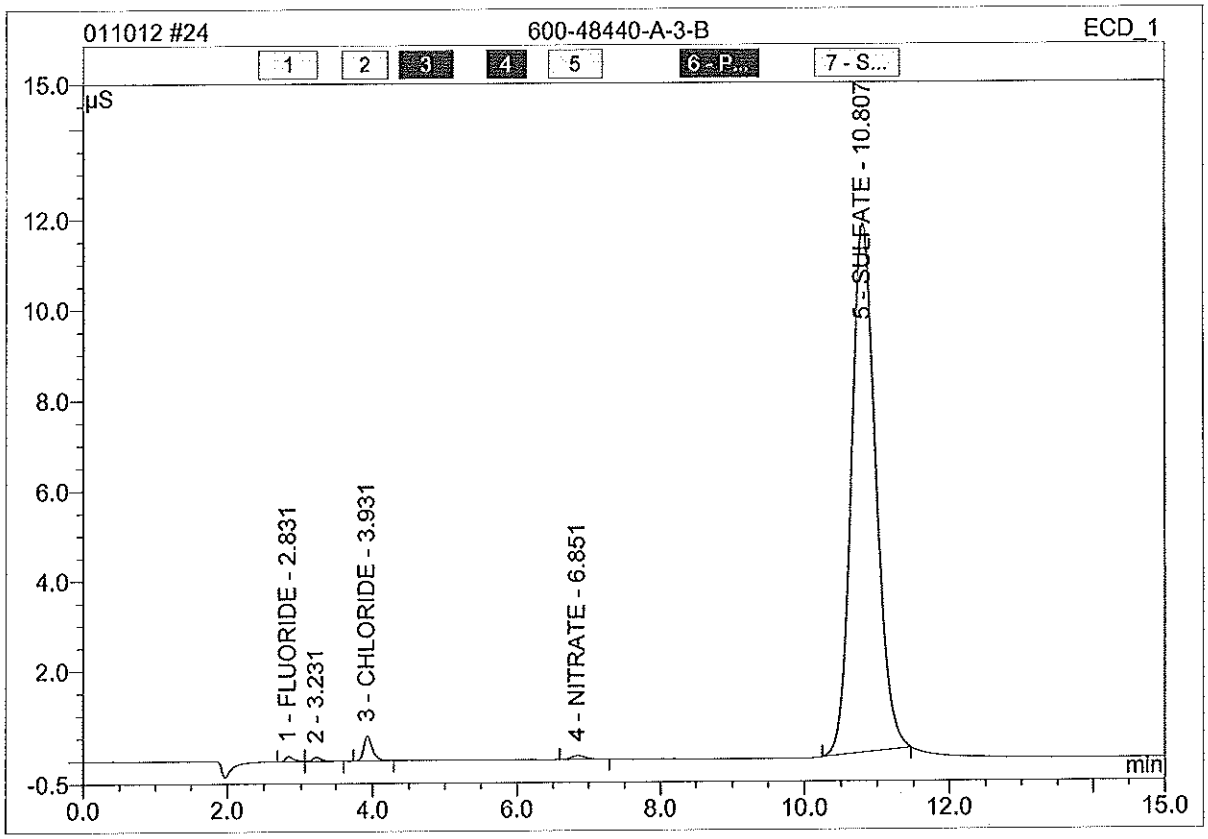
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**15**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 15:43**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

24 600-48440-A-3-B

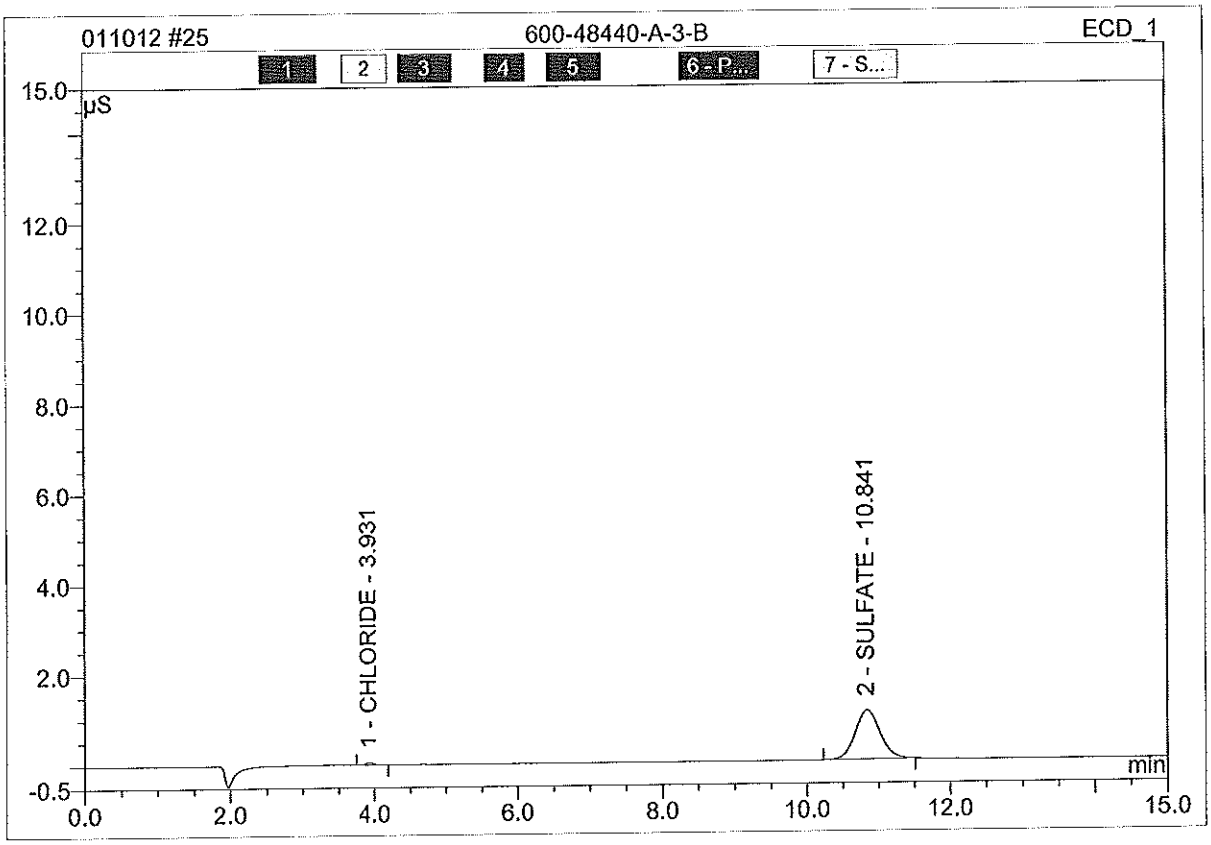
Sample Name:	**600-48440-A-3-B**	*Injection Volume:*	**10.0**
Vial Number:	**16**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 16:01**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.116	0.016	0.35	0.389	BM
2	3.23	n.a.	0.094	0.016	0.34	n.a.	MB
3	3.93	CHLORIDE	0.549	0.079	1.70	1.776	BMB
4	6.85	NITRATE	0.085	0.021	0.45	0.372	BMB
5	10.81	SULFATE	11.718	4.539	97.16	99.375	BMB
Total:			12.562	4.672	100.00	101.913	

25 600-48440-A-3-B

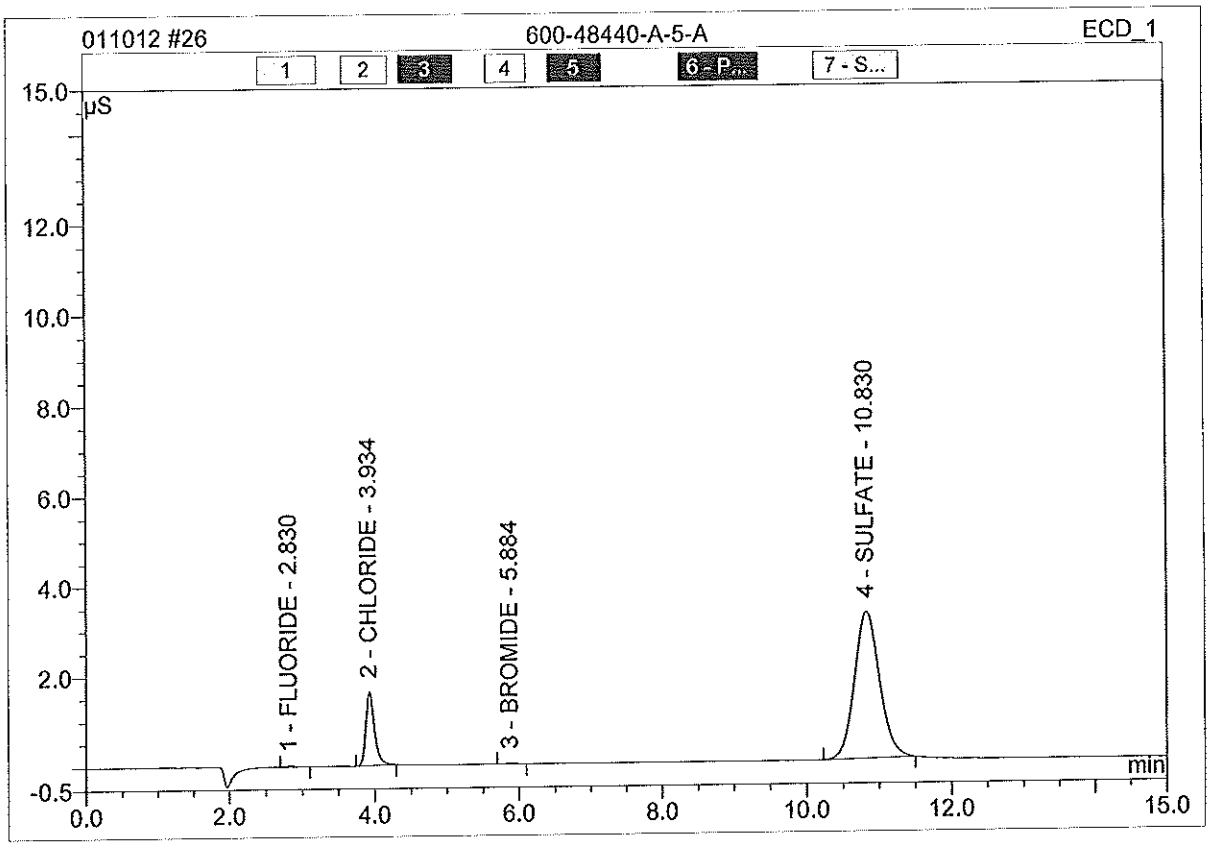
Sample Name:	600-48440-A-3-B	*Injection Volume:*	10.0
Vial Number:	17	*Channel:*	ECD_1
Sample Type:	unknown	*Wavelength:*	n.a.
Control Program:	AnionsC	*Bandwidth:*	n.a.
Quantif. Method:	CAL010612	*Dilution Factor:*	10.0000
Recording Time:	1/10/2012 16:19	*Sample Weight:*	10.0000
Run Time (min):	15.00	*Sample Amount:*	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.93	CHLORIDE	0.052	0.008	1.69	0.806	BMB
2	10.84	SULFATE	1.083	0.438	98.31	9.772	BMB
Total:			1.134	0.446	100.00	10.578	

26 600-48440-A-5-A

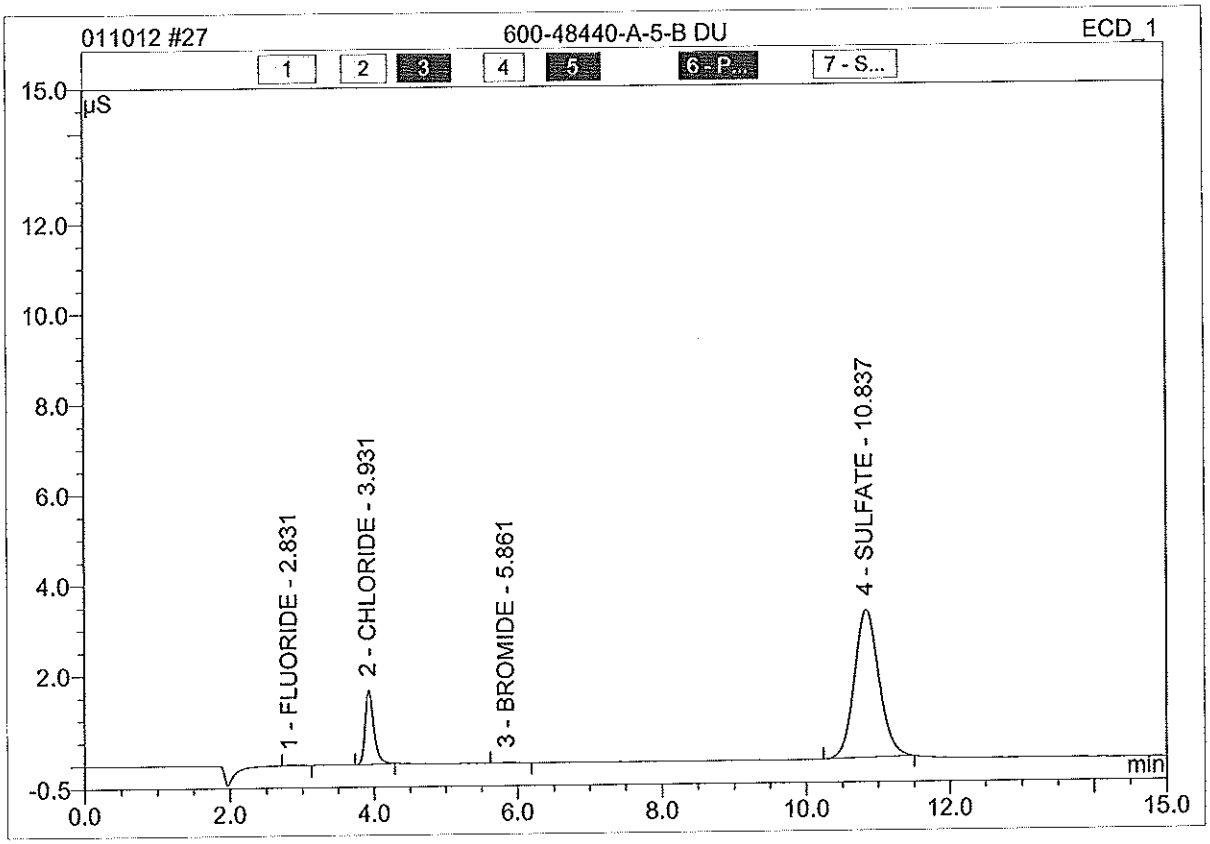
Sample Name:	**600-48440-A-5-A**	*Injection Volume:*	**10.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**20.0000**
Recording Time:	**1/10/2012 17:02**	*Sample Weight:*	**20.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.027	0.004	0.24	0.266	BMB
2	3.93	CHLORIDE	1.629	0.233	15.14	3.847	BMB
3	5.88	BROMIDE	0.022	0.004	0.26	0.190	BMB
4	10.83	SULFATE	3.245	1.296	84.36	28.516	BMB
Total:			4.923	1.536	100.00	32.818	

27 600-48440-A-5-B DU

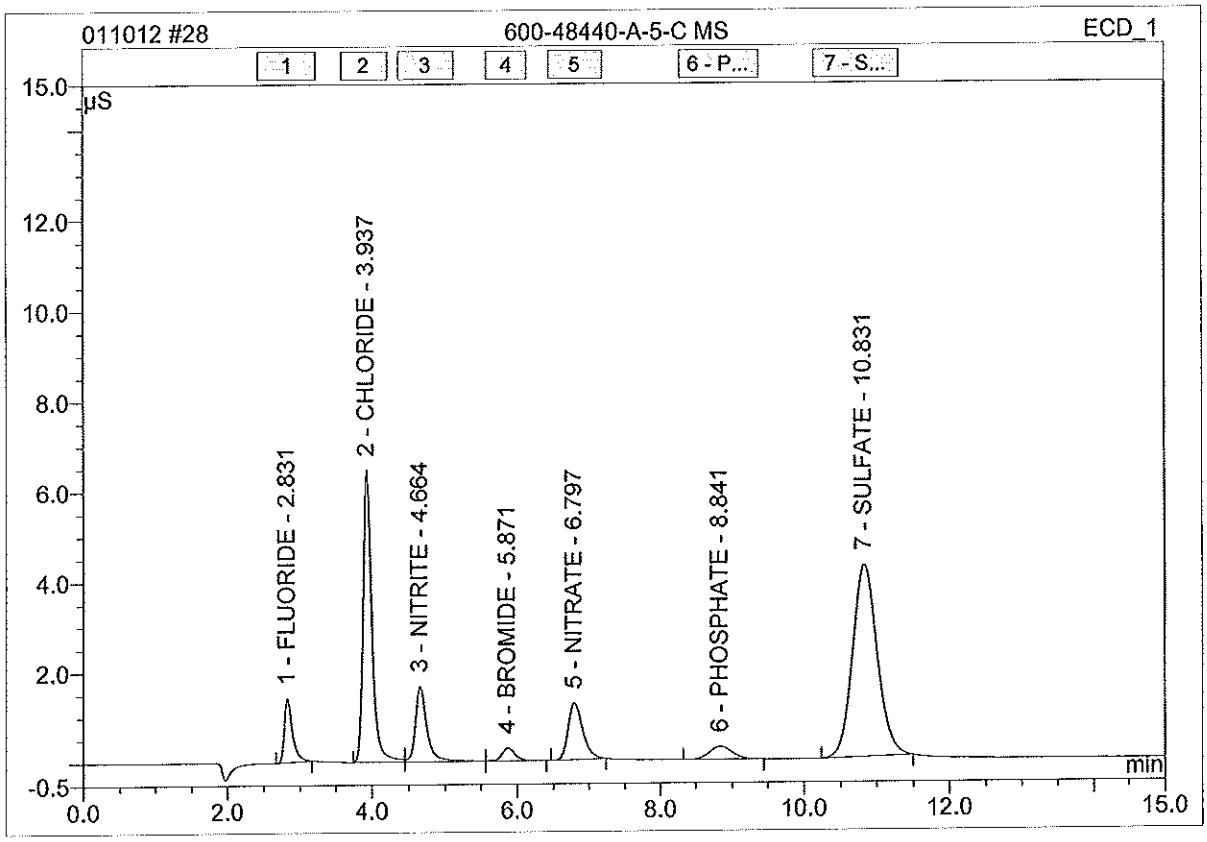
Sample Name:	600-48440-A-5-B DU	*Injection Volume:*	10.0
Vial Number:	19	*Channel:*	ECD_1
Sample Type:	unknown	*Wavelength:*	n.a.
Control Program:	AnionsC	*Bandwidth:*	n.a.
Quantif. Method:	CAL010612	*Dilution Factor:*	20.0000
Recording Time:	1/10/2012 17:19	*Sample Weight:*	20.0000
Run Time (min):	15.00	*Sample Amount:*	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.027	0.004	0.24	0.265	BMB
2	3.93	CHLORIDE	1.641	0.233	15.14	3.858	BMB
3	5.86	BROMIDE	0.023	0.005	0.30	0.213	BMB
4	10.84	SULFATE	3.263	1.301	84.33	28.616	BMB
Total:			4.954	1.542	100.00	32.952	

28 600-48440-A-5-C MS

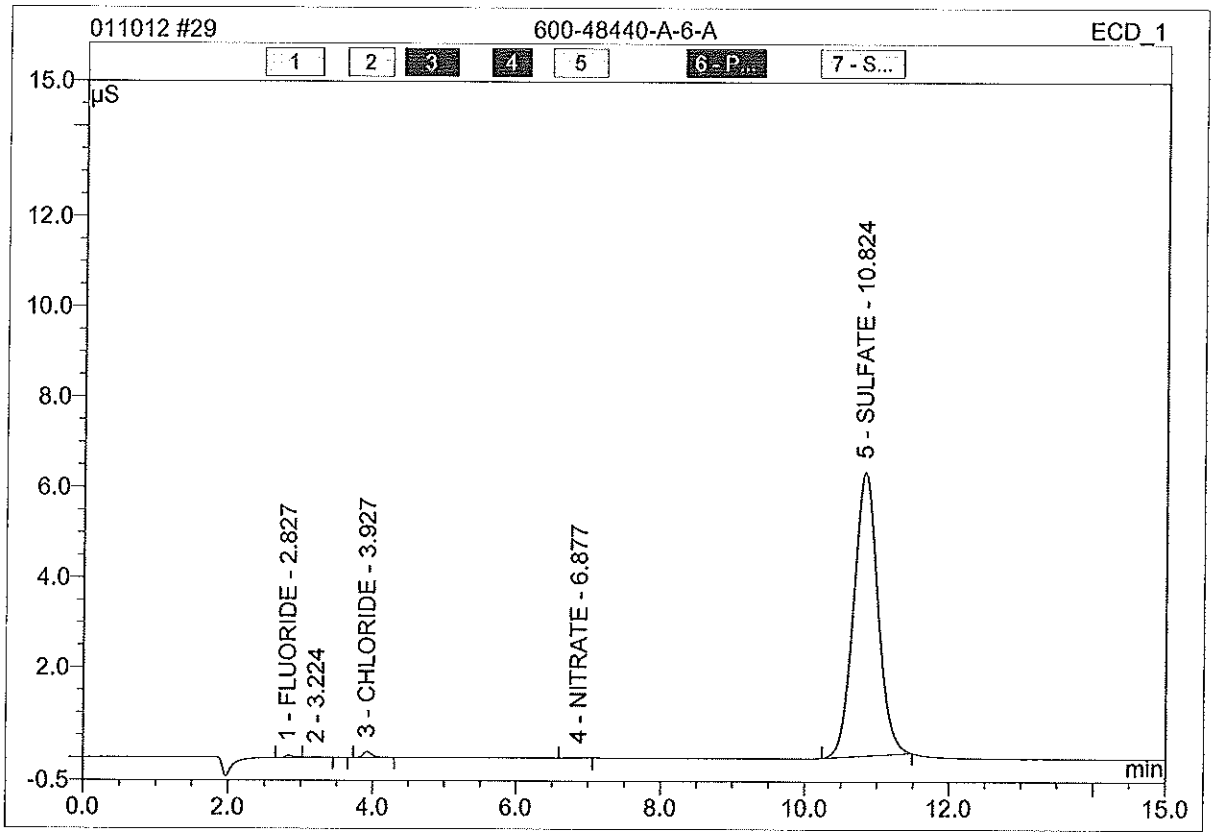
Sample Name:	**600-48440-A-5-C MS**	*Injection Volume:*	**10.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**20.0000**
Recording Time:	**1/10/2012 17:37**	*Sample Weight:*	**20.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	1.405	0.183	5.12	2.009	BMB
2	3.94	CHLORIDE	6.466	0.927	25.89	13.228	BM
3	4.66	NITRITE	1.664	0.312	8.71	2.195	M
4	5.87	BROMIDE	0.289	0.062	1.74	2.338	MB
5	6.80	NITRATE	1.255	0.304	8.49	2.171	BMB
6	8.84	PHOSPHATE	0.289	0.107	2.99	2.289	BMB
7	10.83	SULFATE	4.252	1.685	47.06	37.021	BMB
Total:			15.620	3.581	100.00	61.250	

29 600-48440-A-6-A

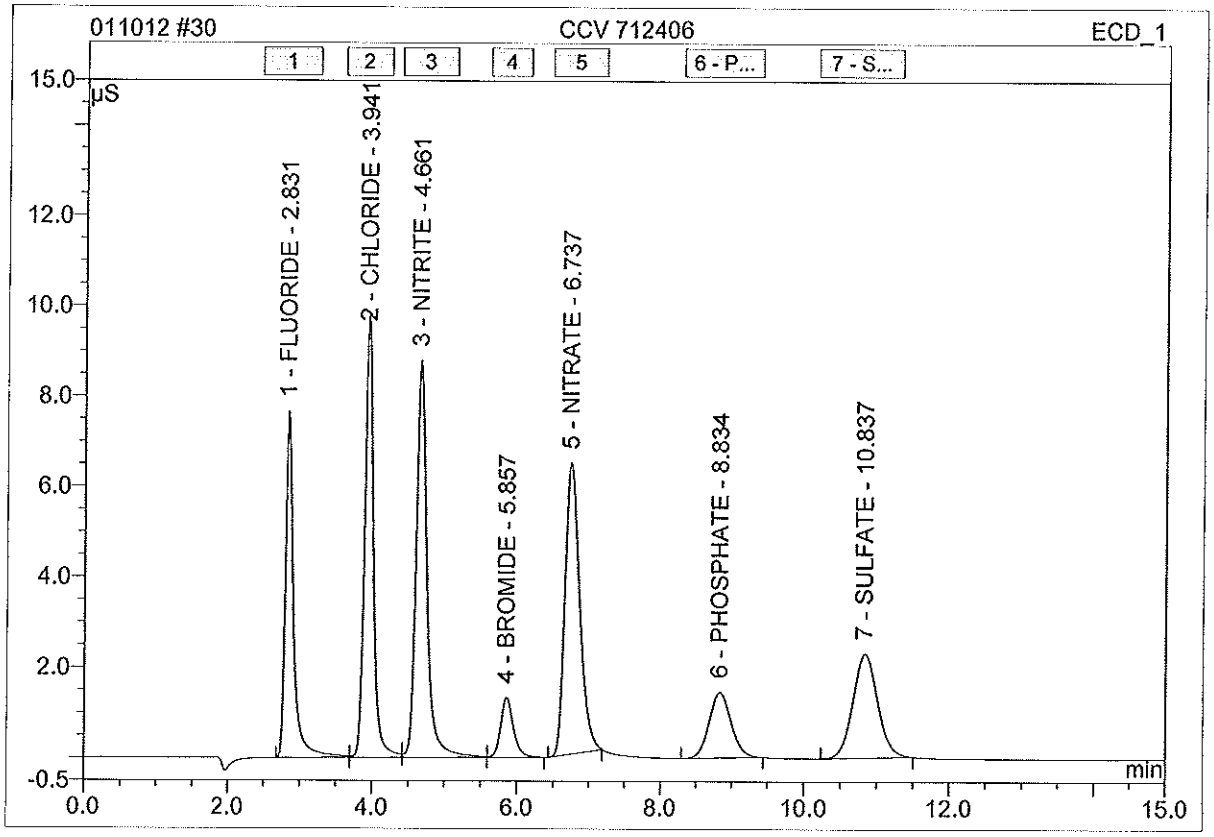
Sample Name:	**600-48440-A-6-A**	*Injection Volume:*	**10.0**
Vial Number:	**21**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/10/2012 17:55**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.051	0.011	0.45	0.339	BMB
2	3.22	n.a.	0.010	0.001	0.05	n.a.	Rd
3	3.93	CHLORIDE	0.129	0.019	0.77	0.967	BMB
4	6.88	NITRATE	0.013	0.003	0.12	0.259	BMB
5	10.82	SULFATE	6.293	2.479	98.61	54.360	BMB
Total:			6.496	2.514	100.00	55.925	

30 CCV 712406

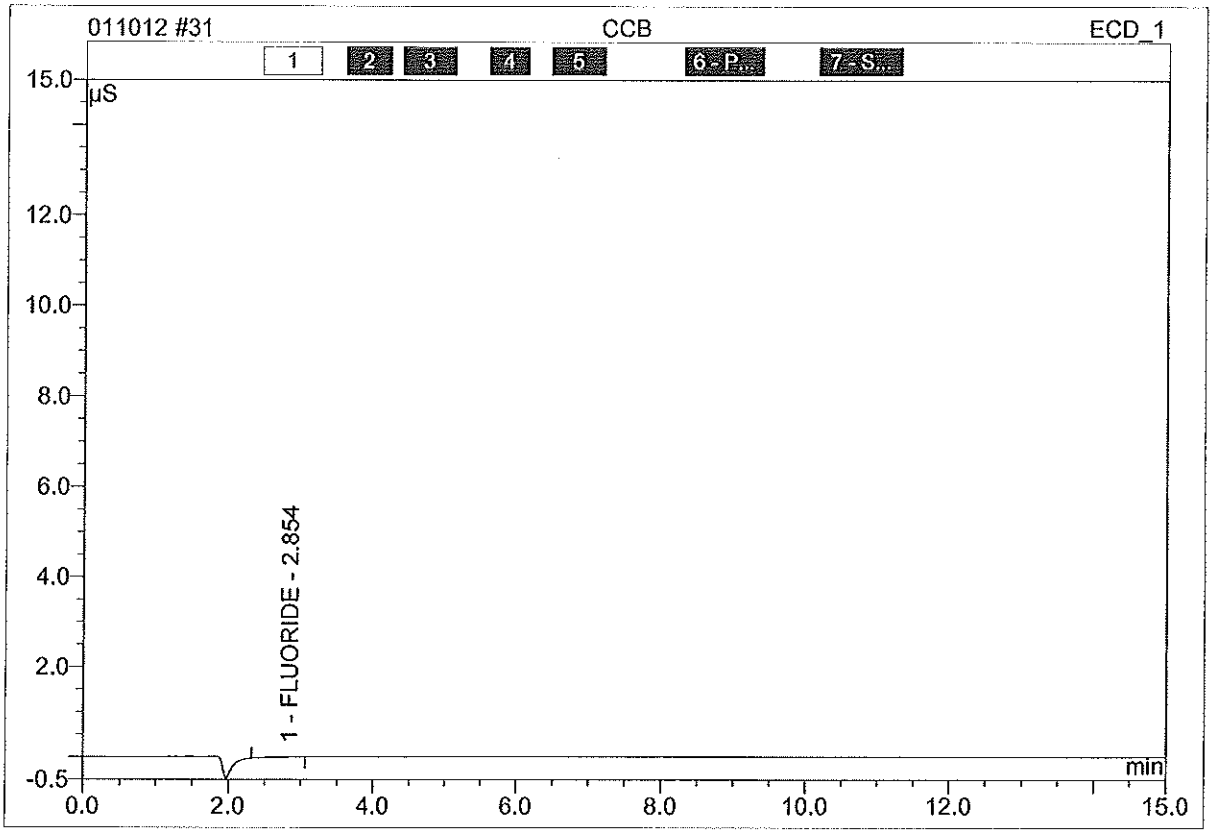
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 18:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	7.659	1.023	14.17	10.169	BM
2	3.94	CHLORIDE	9.817	1.390	19.24	19.479	M
3	4.66	NITRITE	8.783	1.555	21.53	10.065	M
4	5.86	BROMIDE	1.322	0.275	3.80	10.182	MB
5	6.74	NITRATE	6.433	1.533	21.23	9.981	BMB
6	8.83	PHOSPHATE	1.452	0.526	7.28	10.285	BMB
7	10.84	SULFATE	2.301	0.920	12.74	20.299	BMB
Total:			37.768	7.222	100.00	90.459	

31 CCB

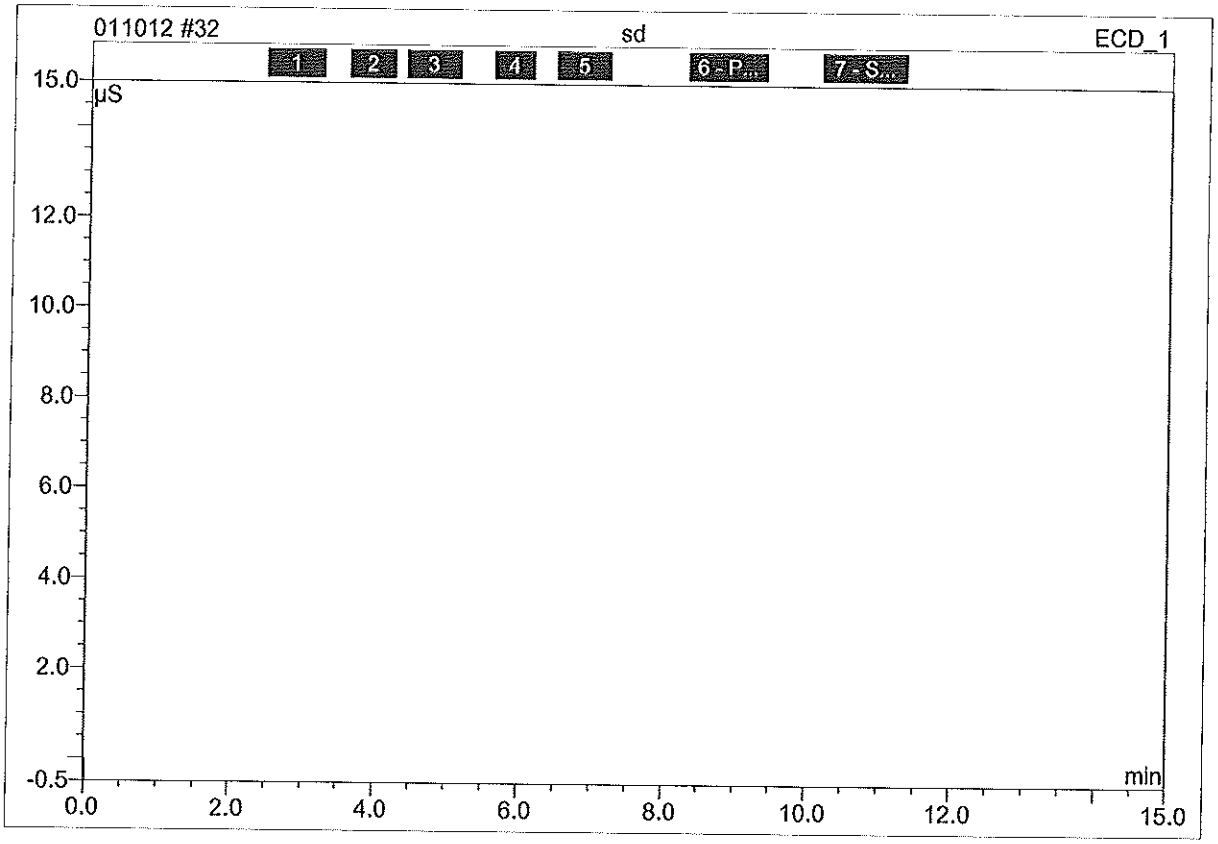
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 18:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.85	FLUORIDE	0.009	0.006	100.00	0.290	BMB
Total:			0.009	0.006	100.00	0.290	

32 sd

Sample Name:	**sd**	*Injection Volume:*	**10.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Shutdown**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/10/2012 18:49**	*Sample Weight:*	**1.0000**
Run Time (min):	**1.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69984 Batch Start Date: 01/12/12 11:02 Batch Analyst: Puranik, Surendra U

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CCV 00005	ICV/LCS 00009		
ICV 600-69984/2		300.0		5 mL	5 mL		5 mL		
ICB 600-69984/3		300.0		5 mL	5 mL				
MB 600-69984/4		300.0		5 mL	5 mL				
LCS 600-69984/5		300.0		5 mL	5 mL		5 mL		
CCV 600-69984/14		300.0		5 mL	5 mL	5 mL			
CCB 600-69984/15		300.0		5 mL	5 mL				
600-48440-B-8	Equipment Blank 3	300.0	T	5 mL	5 mL				
CCV 600-69984/26		300.0		5 mL	5 mL	5 mL			
CCB 600-69984/27		300.0		5 mL	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69731 Batch Start Date: 01/09/12 15:00 Batch Analyst: Puranik, Surendra U

Batch Method: DI Leach Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
600-48440-A-1	2012-RMSA-4(1.5-3.5')	DI Leach, 9056	S	5 g	50 mL				
600-48440-A-3	2012-RMSA-1(1.5-2.5')	DI Leach, 9056	S	5 g	50 mL				
600-48440-A-5	2012 CUFT-1(0-2')	DI Leach, 9056	S	5 g	50 mL				
600-48440-A-5 DU	2012 CUFT-1(0-2')	DI Leach, 9056	S	5 g	50 mL				
600-48440-A-5 MS	2012 CUFT-1(0-2')	DI Leach, 9056	S	5 g	50 mL				
600-48440-A-6	2012 CUFT-2 (0-2')	DI Leach, 9056	S	5 g	50 mL				

Batch Notes	
Balance ID	b-2

Basis	Basis Description
S	Soluble

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69816 Batch Start Date: 01/10/12 11:32 Batch Analyst: Puranik, Surendra U

Batch Method: 9056 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CCV 00005	ICSMS 00023	ICV/LCS 00009	
ICV 600-69816/2		9056		5 mL	5 mL			5 mL	
ICB 600-69816/3		9056		5 mL	5 mL				
MB 600-69731/1-A		9056		5 mL	5 mL				
LCS 600-69731/2-A		9056		5 mL	5 mL			5 mL	
600-48440-A-1-A	2012-RMSA-4(1.5-3.5')	9056	S	5 mL	5 mL				
600-48440-A-1-A	2012-RMSA-4(1.5-3.5')	9056	S	5 mL	5 mL				
CCV 600-69816/14		9056		5 mL	5 mL	5 mL			
CCB 600-69816/15		9056		5 mL	5 mL				
600-48440-A-3-B	2012-RMSA-1(1.5-2.5')	9056	S	5 mL	5 mL				
600-48440-A-3-B	2012-RMSA-1(1.5-2.5')	9056	S	5 mL	5 mL				
600-48440-A-5-A	2012 CUFT-1(0-2')	9056	S	5 mL	5 mL				
600-48440-A-5-B DU	2012 CUFT-1(0-2')	9056	S	5 mL	5 mL				
600-48440-A-5-C MS	2012 CUFT-1(0-2')	9056	S	5 mL	5 mL		0.25 mL		
600-48440-A-6-A	2012 CUFT-2 (0-2')	9056	S	5 mL	5 mL				
CCV 600-69816/22		9056		5 mL	5 mL	5 mL			
CCB 600-69816/23		9056		5 mL	5 mL				

Batch Notes	

Basis	Basis Description
S	Soluble

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69903 Batch Start Date: 01/11/12 12:12 Batch Analyst: Puranik, Surendra U

Batch Method: 9056 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CCV 00001	ICV/LCS 00002		
ICV 600-69903/2		9056		5 mL	5 mL		5 mL		
ICB 600-69903/3		9056		5 mL	5 mL				
CCV 600-69903/26		9056		5 mL	5 mL	5 mL			
CCB 600-69903/27		9056		5 mL	5 mL				
600-48440-A-6-A	2012 CUFT-2 (0-2')	9056	S	5 mL	5 mL				
CCV 600-69903/37		9056		5 mL	5 mL	5 mL			
CCB 600-69903/38		9056		5 mL	5 mL				

Batch Notes	

Basis	Basis Description
S	Soluble

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48440-1

SDG No.:

Batch Number: 69699 Batch Start Date: 01/09/12 16:05 Batch Analyst: Boza, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-48440-A-1	2012-RMSA-4(1.5-3.5')	Moisture	T	1.15 g	19.20 g	14.50 g			
600-48440-A-1 DU	2012-RMSA-4(1.5-3.5')	Moisture	T	1.14 g	18.87 g	14.58 g			
600-48440-A-3	2012-RMSA-1(1.5-2.5')	Moisture	T	1.14 g	23.94 g	22.68 g			
600-48440-A-5	2012 CUFT-1(0-2')	Moisture	T	1.14 g	19.76 g	15.56 g			
600-48440-A-6	2012 CUFT-2 (0-2')	Moisture	T	1.14 g	21.53 g	17.32 g			

Batch Notes	
Balance ID	B-2 No Unit
Oven ID	O-8

Basis	Basis Description
T	Total/NA

TestAmerica Houston
[illegible] Rockwall Street
Houston, TX 77040
Phone: (713) 690-4444 Fax: (713) 690-5646

Chain of Custody Record

Loc: 600
48440

02/19/2012

Client Information	Sampler: Chris Moore	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1
Company: Pastor, Behling and Wheeler				Job #: 1732

Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:
City: Round Rock	
State, Zip: TX, 78664	
Phone: (512) 671-3434	PO #:
Email: chris.moore@pbwllc.com	WO #:
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732
Site: Exide Frisco Recycling Center	SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Number of containers	Special Instructions/Note:
				Preservation Code:			1,D		1,D		I	L,A					
2012-RMSA-4(1.5-3.5')	1/6/12	0925	G	S			X				X	X				2	
Fuld Blank 2		1044	G	W								X				3	
2012-RMSA-1(1.5-2.5')		1116	G	S			X				X	X				2	
2012-RMSA-4(Recon)(SW)		1127	G	W			X									1	
2012-CMFT-1(0-2')		1356	G	S					X		X					1	
2012-CMFT-1(0-2')		1412	G	S					X		X					1	
TRIP BLANK(1/6/2012)		—	—	W								X				2	
Equipment Blank 3		1418	G	W					X		X	X				5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 1/6/2012, 1640	Company	Received by: Donna Cripps	Date/Time: 1/7/11 1033	Company TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48440-1

Login Number: 48440

List Source: TestAmerica Houston

List Number: 1

Creator: Capps, Dana

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	5.6
Cooler Temperature is recorded.	True	545
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-48624-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
3/13/2012 5:57 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
03/13/2012
Revision: 1

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Report Narrative 9
Method Summary 10
Method / Analyst Summary 11
Sample Summary 12
Sample Results 13
Sample Datasheets 14
Data Qualifiers 33
QC Results 34
Qc Association Summary 35
Qc Reports 38
Raw Data 43
Client Chain of Custody 480
Sample Receipt Checklist 482

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-48624-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		02/15/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/25/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48624
Reviewer Name: TWR	Prep Batch Number(s): 600-69905(w), 69988(s), 70035(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				4
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/25/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48624
Reviewer Name: TWR	Prep Batch Number(s): 600-69905(w), 69988(s), 70035(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?		X			5
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			6
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 01/25/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48624
Reviewer Name: TWR	Prep Batch Number(s): 600-69905(w), 69988(s), 70035(s)- ICP

ER #[1]	DESCRIPTION
1	The lead recovery in sample 48624-11 MSD was below acceptance limits due to matrix interference. Method performance is demonstrated by an acceptable LCS recovery.
2	The lead %RPD between samples 48624-11 MS and MSD was above acceptance limits due to the non-homogenous nature of the samples.
3	The lead RPD between samples 48624-11 and 48624-11 MD was above acceptance limits due to the non-homogenous nature of the samples.
4	Lead was detected above the MDL in the CCB analyzed on 01/23/12 at 14:49. Since the concentration was below the MQL, no corrective action was required.
5	The Lead SDLs in samples 48624-7 and 10 were elevated due to the high concentrations of this analyte.
6	The lead recovery in sample 48624-11 PDS was below acceptance limits due to matrix interference. The lead percent difference between samples 48624-11 and 48624-11 SD was above acceptance limits due to matrix interference.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Comments
The report was revised to include missing Metals raw data for batch 70673.

Receipt
The Chain of Custody was received without a specified TAT listed.

All other samples were received in good condition within temperature requirements.

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals			SW846 3050B
Percent Moisture	TAL HOU	EPA Moisture	
Matrix: Water			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals			SW846 3010A

Lab References:

TAL HOU = TestAmerica Houston

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

Method	Analyst	Analyst ID
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
EPA Moisture	Puranik, Surendra U	SUP

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-48624-1	2012-NDA-3 (0-2')	Solid	01/10/2012 0832	01/11/2012 0932
600-48624-2	2012-NDA-3 (17-19')	Solid	01/10/2012 0918	01/11/2012 0932
600-48624-3	2012-NDA-2 (0-2')	Solid	01/10/2012 0942	01/11/2012 0932
600-48624-4	2012-NDA-2 (2-4')	Solid	01/10/2012 0946	01/11/2012 0932
600-48624-5	2012-NDA-2 (16-18')	Solid	01/10/2012 1032	01/11/2012 0932
600-48624-6	2012-NDA-1 (0-2')	Solid	01/10/2012 1059	01/11/2012 0932
600-48624-7	2012-NDA-1 (2-4')	Solid	01/10/2012 1104	01/11/2012 0932
600-48624-8	2012-NDA-1 (Recon GW)	Water	01/10/2012 1130	01/11/2012 0932
600-48624-9	2012-SL-1 (0-2')	Solid	01/10/2012 1323	01/11/2012 0932
600-48624-10	2012-SL-1 (2-4')	Solid	01/10/2012 1326	01/11/2012 0932
600-48624-11	2012-SL-2 (0-2')	Solid	01/10/2012 1415	01/11/2012 0932
600-48624-11MS	2012-SL-2 (0-2')	Solid	01/10/2012 1415	01/11/2012 0932
600-48624-11MSD	2012-SL-2 (0-2')	Solid	01/10/2012 1415	01/11/2012 0932
600-48624-12	2012-SL-2 (5-7')	Solid	01/10/2012 1420	01/11/2012 0932
600-48624-13	2012-SL-2 (Recon GW)	Water	01/10/2012 1433	01/11/2012 0932
600-48624-14	2012-SL-3 (0-2')	Solid	01/10/2012 1504	01/11/2012 0932
600-48624-15	2012-SL-3 (8-10')	Solid	01/10/2012 1518	01/11/2012 0932
600-48624-16	2012-SL-3 (Recon GW)	Water	01/10/2012 1527	01/11/2012 0932
600-48624-17	EQUIPMENT BLANK 4	Water	01/10/2012 1557	01/11/2012 0932

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-3 (0-2')

Lab Sample ID: 600-48624-1
Client Matrix: Solid

Date Sampled: 01/10/2012 08:32
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	10			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	90			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	11.1			0.0256	0.250	0.0281	mg/Kg	70089	01/14/2012 10:24	1	DCL
Lead	7439-92-1	2410			0.105	0.500	0.115	mg/Kg	70089	01/14/2012 10:24	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-3 (17-19')

Lab Sample ID: 600-48624-2
Client Matrix: Solid

Date Sampled: 01/10/2012 09:18
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	24			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	76			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.0335	U		0.0256	0.250	0.0335	mg/Kg	70089	01/14/2012 10:27	1	DCL
Lead	7439-92-1	8.88			0.105	0.500	0.137	mg/Kg	70089	01/14/2012 10:27	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-2 (0-2')

Lab Sample ID: 600-48624-3
Client Matrix: Solid

Date Sampled: 01/10/2012 09:42
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	19			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	81			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.81			0.0256	0.250	0.0306	mg/Kg	70089	01/14/2012 10:29	1	DCL
Lead	7439-92-1	284			0.105	0.500	0.125	mg/Kg	70089	01/14/2012 10:29	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-2 (2-4')

Lab Sample ID: 600-48624-4
Client Matrix: Solid

Date Sampled: 01/10/2012 09:46
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	22			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	78			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.680			0.0256	0.250	0.0323	mg/Kg	70089	01/14/2012 10:32	1	DCL
Lead	7439-92-1	1030			0.105	0.500	0.132	mg/Kg	70089	01/14/2012 10:32	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-2 (16-18')

Lab Sample ID: 600-48624-5
Client Matrix: Solid

Date Sampled: 01/10/2012 10:32
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	18			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	82			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.0364	J		0.0256	0.250	0.0311	mg/Kg	70089	01/14/2012 10:35	1	DCL
Lead	7439-92-1	13.5			0.105	0.500	0.127	mg/Kg	70089	01/14/2012 10:35	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-1 (0-2')

Lab Sample ID: 600-48624-6
Client Matrix: Solid

Date Sampled: 01/10/2012 10:59
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	23			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	77			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	3.99			0.0256	0.250	0.0322	mg/Kg	70089	01/14/2012 10:37	1	DCL
Lead	7439-92-1	318			0.105	0.500	0.132	mg/Kg	70089	01/14/2012 10:37	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-1 (2-4')

Lab Sample ID: 600-48624-7
Client Matrix: Solid

Date Sampled: 01/10/2012 11:04
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	25			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	75			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	26.6			0.0256	0.250	0.0330	mg/Kg	70089	01/14/2012 10:40	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-1 (2-4')

Lab Sample ID: 600-48624-7 DL
Client Matrix: Solid

Date Sampled: 01/10/2012 11:04
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Lead	7439-92-1	7060			0.105	0.500	1.35	mg/Kg	70097	01/14/2012 13:11	10	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-1 (Recon GW)

Lab Sample ID: 600-48624-8
Client Matrix: Water

Date Sampled: 01/10/2012 11:30
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69905	01/12/2012 08:46		NER
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.135			0.000350	0.00500	0.000350	mg/L	70673	01/23/2012 15:02	1	SRP
Lead	7439-92-1	4.82			0.00290	0.0100	0.00290	mg/L	70673	01/23/2012 15:02	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SL-1 (0-2')

Lab Sample ID: 600-48624-9
Client Matrix: Solid

Date Sampled: 01/10/2012 13:23
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	22			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	78			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	2.29			0.0256	0.250	0.0325	mg/Kg	70089	01/14/2012 10:43	1	DCL
Lead	7439-92-1	379			0.105	0.500	0.133	mg/Kg	70089	01/14/2012 10:43	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SL-1 (2-4')

Lab Sample ID: 600-48624-10
Client Matrix: Solid

Date Sampled: 01/10/2012 13:26
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	18			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	82			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	50.2			0.0256	0.250	0.0306	mg/Kg	70089	01/14/2012 10:53	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SL-1 (2-4')

Lab Sample ID: 600-48624-10 DL
Client Matrix: Solid

Date Sampled: 01/10/2012 13:26
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Lead	7439-92-1	7970			0.105	0.500	1.25	mg/Kg	70097	01/14/2012 13:13	10	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SL-2 (0-2')

Lab Sample ID: 600-48624-11
Client Matrix: Solid

Date Sampled: 01/10/2012 14:15
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							69988	01/13/2012 08:27		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	21			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	79			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.799			0.0256	0.250	0.0320	mg/Kg	70089	01/14/2012 10:56	1	DCL
Lead	7439-92-1	83.8			0.105	0.500	0.131	mg/Kg	70089	01/14/2012 10:56	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SL-2 (5-7')

Lab Sample ID: 600-48624-12
Client Matrix: Solid

Date Sampled: 01/10/2012 14:20
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	17			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	83			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.577			0.0256	0.250	0.0310	mg/Kg	70606	01/21/2012 11:12	1	SRP
Lead	7439-92-1	7.27			0.105	0.500	0.127	mg/Kg	70606	01/21/2012 11:12	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SL-2 (Recon GW)

Lab Sample ID: 600-48624-13
Client Matrix: Water

Date Sampled: 01/10/2012 14:33
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69905	01/12/2012 08:46		NER
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000790	J		0.000350	0.00500	0.000350	mg/L	70673	01/23/2012 15:06	1	SRP
Lead	7439-92-1	0.0192			0.00290	0.0100	0.00290	mg/L	70673	01/23/2012 15:06	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SL-3 (0-2')

Lab Sample ID: 600-48624-14
Client Matrix: Solid

Date Sampled: 01/10/2012 15:04
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	25			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	75			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.747			0.0256	0.250	0.0334	mg/Kg	70606	01/21/2012 11:16	1	SRP
Lead	7439-92-1	46.7			0.105	0.500	0.136	mg/Kg	70606	01/21/2012 11:16	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SL-3 (8-10')

Lab Sample ID: 600-48624-15
Client Matrix: Solid

Date Sampled: 01/10/2012 15:18
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	23			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Percent Solids	STL00234	77			1.0	1.0	1.0	%	69871	01/11/2012 16:04	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.01			0.0256	0.250	0.0313	mg/Kg	70606	01/21/2012 11:19	1	SRP
Lead	7439-92-1	7.23			0.105	0.500	0.128	mg/Kg	70606	01/21/2012 11:19	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SL-3 (Recon GW)

Lab Sample ID: 600-48624-16
Client Matrix: Water

Date Sampled: 01/10/2012 15:27
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69905	01/12/2012 08:46		NER
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000520	J		0.000350	0.00500	0.000350	mg/L	70673	01/23/2012 15:10	1	SRP
Lead	7439-92-1	0.0141			0.00290	0.0100	0.00290	mg/L	70673	01/23/2012 15:10	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48624-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: EQUIPMENT BLANK 4

Lab Sample ID: 600-48624-17
Client Matrix: Water

Date Sampled: 01/10/2012 15:57
Date Received: 01/11/2012 09:32

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69905	01/12/2012 08:46		NER
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70673	01/23/2012 15:14	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70673	01/23/2012 15:14	1	SRP

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48624-1

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.
	F	Duplicate RPD exceeds the control limit
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-69905					
LCS 600-69905/2-A	Lab Control Sample	T	Water	3010A	
MB 600-69905/1-A	Method Blank	T	Water	3010A	
600-48624-8	2012-NDA-1 (Recon GW)	T	Water	3010A	
600-48624-13	2012-SL-2 (Recon GW)	T	Water	3010A	
600-48624-16	2012-SL-3 (Recon GW)	T	Water	3010A	
600-48624-17	EQUIPMENT BLANK 4	T	Water	3010A	
600-48624-17DU	Duplicate	T	Water	3010A	
600-48624-17MS	Matrix Spike	T	Water	3010A	
600-48624-17MSD	Matrix Spike Duplicate	T	Water	3010A	
Prep Batch: 600-69988					
LCS 600-69988/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-69988/1-A	Method Blank	T	Solid	3050B	
600-48624-1	2012-NDA-3 (0-2')	T	Solid	3050B	
600-48624-2	2012-NDA-3 (17-19')	T	Solid	3050B	
600-48624-3	2012-NDA-2 (0-2')	T	Solid	3050B	
600-48624-4	2012-NDA-2 (2-4')	T	Solid	3050B	
600-48624-5	2012-NDA-2 (16-18')	T	Solid	3050B	
600-48624-6	2012-NDA-1 (0-2')	T	Solid	3050B	
600-48624-7	2012-NDA-1 (2-4')	T	Solid	3050B	
600-48624-7DL	2012-NDA-1 (2-4')	T	Solid	3050B	
600-48624-9	2012-SL-1 (0-2')	T	Solid	3050B	
600-48624-10	2012-SL-1 (2-4')	T	Solid	3050B	
600-48624-10DL	2012-SL-1 (2-4')	T	Solid	3050B	
600-48624-11	2012-SL-2 (0-2')	T	Solid	3050B	
600-48624-11DU	Duplicate	T	Solid	3050B	
600-48624-11MS	Matrix Spike	T	Solid	3050B	
600-48624-11MSD	Matrix Spike Duplicate	T	Solid	3050B	
Prep Batch: 600-70035					
LCS 600-70035/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-70035/1-A	Method Blank	T	Solid	3050B	
600-48624-12	2012-SL-2 (5-7')	T	Solid	3050B	
600-48624-14	2012-SL-3 (0-2')	T	Solid	3050B	
600-48624-15	2012-SL-3 (8-10')	T	Solid	3050B	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:600-70089					
LCS 600-69988/2-A	Lab Control Sample	T	Solid	6010B	600-69988
MB 600-69988/1-A	Method Blank	T	Solid	6010B	600-69988
600-48624-1	2012-NDA-3 (0-2')	T	Solid	6010B	600-69988
600-48624-2	2012-NDA-3 (17-19')	T	Solid	6010B	600-69988
600-48624-3	2012-NDA-2 (0-2')	T	Solid	6010B	600-69988
600-48624-4	2012-NDA-2 (2-4')	T	Solid	6010B	600-69988
600-48624-5	2012-NDA-2 (16-18')	T	Solid	6010B	600-69988
600-48624-6	2012-NDA-1 (0-2')	T	Solid	6010B	600-69988
600-48624-7	2012-NDA-1 (2-4')	T	Solid	6010B	600-69988
600-48624-9	2012-SL-1 (0-2')	T	Solid	6010B	600-69988
600-48624-10	2012-SL-1 (2-4')	T	Solid	6010B	600-69988
600-48624-11	2012-SL-2 (0-2')	T	Solid	6010B	600-69988
600-48624-11DU	Duplicate	T	Solid	6010B	600-69988
600-48624-11MS	Matrix Spike	T	Solid	6010B	600-69988
600-48624-11MSD	Matrix Spike Duplicate	T	Solid	6010B	600-69988
Analysis Batch:600-70097					
600-48624-7DL	2012-NDA-1 (2-4')	T	Solid	6010B	600-69988
600-48624-10DL	2012-SL-1 (2-4')	T	Solid	6010B	600-69988
Analysis Batch:600-70606					
LCS 600-70035/2-A	Lab Control Sample	T	Solid	6010B	600-70035
MB 600-70035/1-A	Method Blank	T	Solid	6010B	600-70035
600-48624-12	2012-SL-2 (5-7')	T	Solid	6010B	600-70035
600-48624-14	2012-SL-3 (0-2')	T	Solid	6010B	600-70035
600-48624-15	2012-SL-3 (8-10')	T	Solid	6010B	600-70035
Analysis Batch:600-70673					
LCS 600-69905/2-A	Lab Control Sample	T	Water	6010B	600-69905
MB 600-69905/1-A	Method Blank	T	Water	6010B	600-69905
600-48624-8	2012-NDA-1 (Recon GW)	T	Water	6010B	600-69905
600-48624-13	2012-SL-2 (Recon GW)	T	Water	6010B	600-69905
600-48624-16	2012-SL-3 (Recon GW)	T	Water	6010B	600-69905
600-48624-17	EQUIPMENT BLANK 4	T	Water	6010B	600-69905
600-48624-17DU	Duplicate	T	Water	6010B	600-69905
600-48624-17MS	Matrix Spike	T	Water	6010B	600-69905
600-48624-17MSD	Matrix Spike Duplicate	T	Water	6010B	600-69905

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-69871					
600-48624-1	2012-NDA-3 (0-2')	T	Solid	Moisture	
600-48624-2	2012-NDA-3 (17-19')	T	Solid	Moisture	
600-48624-3	2012-NDA-2 (0-2')	T	Solid	Moisture	
600-48624-4	2012-NDA-2 (2-4')	T	Solid	Moisture	
600-48624-5	2012-NDA-2 (16-18')	T	Solid	Moisture	
600-48624-6	2012-NDA-1 (0-2')	T	Solid	Moisture	
600-48624-7	2012-NDA-1 (2-4')	T	Solid	Moisture	
600-48624-9	2012-SL-1 (0-2')	T	Solid	Moisture	
600-48624-10	2012-SL-1 (2-4')	T	Solid	Moisture	
600-48624-11	2012-SL-2 (0-2')	T	Solid	Moisture	
600-48624-11MS	Matrix Spike	T	Solid	Moisture	
600-48624-11MSD	Matrix Spike Duplicate	T	Solid	Moisture	
600-48624-12	2012-SL-2 (5-7')	T	Solid	Moisture	
600-48624-14	2012-SL-3 (0-2')	T	Solid	Moisture	
600-48624-15	2012-SL-3 (8-10')	T	Solid	Moisture	

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

Method Blank - Batch: 600-69905

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-69905/1-A	Analysis Batch:	600-70673	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69905	Lab File ID:	B012312
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/23/2012 1455	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0846				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-69905

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-69905/2-A	Analysis Batch:	600-70673	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69905	Lab File ID:	B012312
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/23/2012 1458	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0846				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.5277	106	80 - 120	
Lead	1.00	1.028	103	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69905

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48624-17	Analysis Batch:	600-70673	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69905	Lab File ID:	B012312
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/23/2012 1522			Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0846				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48624-17	Analysis Batch:	600-70673	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69905	Lab File ID:	B012312
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/23/2012 1525			Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0846				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	104	105	75 - 125	1	20		
Lead	102	102	75 - 125	1	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69905

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48624-17	Units: mg/L	MSD Lab Sample ID:	600-48624-17
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	01/23/2012 1522		Analysis Date:	01/23/2012 1525
Prep Date:	01/12/2012 0846		Prep Date:	01/12/2012 0846
Leach Date:	N/A		Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.5201	0.5245
Lead	0.00290	U	1.00	1.00	1.016	1.024

Duplicate - Batch: 600-69905

Method: 6010B
Preparation: 3010A

Lab Sample ID:	600-48624-17	Analysis Batch:	600-70673	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-69905	Lab File ID:	B012312
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/23/2012 1518	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/12/2012 0846				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.000350	U	0.000350	NC	20	U
Lead	0.00290	U	0.00290	NC	20	U

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

Method Blank - Batch: 600-69988

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-69988/1-A	Analysis Batch:	600-70089	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69988	Lab File ID:	011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/14/2012 0958	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0827				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Lead	0.105	U	0.105	0.500

Lab Control Sample - Batch: 600-69988

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-69988/2-A	Analysis Batch:	600-70089	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69988	Lab File ID:	011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/14/2012 1001	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0827				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	75.03	106	81 - 119	
Lead	144	139.1	97	79 - 121	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69988

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48624-11	Analysis Batch:	600-70089	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69988	Lab File ID:	011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	01/14/2012 1101			Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0827				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48624-11	Analysis Batch:	600-70089	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69988	Lab File ID:	011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	01/14/2012 1103			Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0827				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	91	91	75 - 125	2	20		
Lead	82	28	75 - 125	30	20		N

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69988

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48624-11	Units: mg/Kg	MSD Lab Sample ID:	600-48624-11	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	01/14/2012 1101		Analysis Date:	01/14/2012 1103	
Prep Date:	01/13/2012 0827		Prep Date:	01/13/2012 0827	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Cadmium	0.799	32.3	31.5	30.08	29.50	
Lead	83.8	64.6	63.1	136.9	101.4	N

Duplicate - Batch: 600-69988

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-48624-11	Analysis Batch:	600-70089	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-69988	Lab File ID:	011412.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/14/2012 1058	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0827				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cadmium	0.799	0.6002	28	20	
Lead	83.8	46.60	57	20	F

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

Method Blank - Batch: 600-70035

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-70035/1-A	Analysis Batch:	600-70606	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70035	Lab File ID:	A012112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/21/2012 1104	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 1525				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Lead	0.105	U	0.105	0.500

Lab Control Sample - Batch: 600-70035

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-70035/2-A	Analysis Batch:	600-70606	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70035	Lab File ID:	A012112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/21/2012 1108	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 1525				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	60.98	86	81 - 119	
Lead	144	121.4	84	79 - 121	

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-NDA-3 (0-2')	600-48624-1
2012-NDA-3 (17-19')	600-48624-2
2012-NDA-2 (0-2')	600-48624-3
2012-NDA-2 (2-4')	600-48624-4
2012-NDA-2 (16-18')	600-48624-5
2012-NDA-1 (0-2')	600-48624-6
2012-NDA-1 (2-4')	600-48624-7
2012-NDA-1 (2-4')	600-48624-7 DL
2012-NDA-1 (Recon GW)	600-48624-8
2012-SL-1 (0-2')	600-48624-9
2012-SL-1 (2-4')	600-48624-10
2012-SL-1 (2-4')	600-48624-10 DL
2012-SL-2 (0-2')	600-48624-11
2012-SL-2 (5-7')	600-48624-12
2012-SL-2 (Recon GW)	600-48624-13
2012-SL-3 (0-2')	600-48624-14
2012-SL-3 (8-10')	600-48624-15
2012-SL-3 (Recon GW)	600-48624-16
EQUIPMENT BLANK 4	600-48624-17

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-3 (0-2') Lab Sample ID: 600-48624-1

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 08:32

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 89.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	11.1	0.274	0.0281	mg/Kg			1	6010B
7439-92-1	Lead	2410	0.548	0.115	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-3 (17-19') Lab Sample ID: 600-48624-2

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 09:18

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 75.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0335	0.327	0.0335	mg/Kg	U		1	6010B
7439-92-1	Lead	8.88	0.653	0.137	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-2 (0-2') Lab Sample ID: 600-48624-3

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 09:42

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 80.7

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.81	0.298	0.0306	mg/Kg			1	6010B
7439-92-1	Lead	284	0.596	0.125	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-2 (2-4') Lab Sample ID: 600-48624-4

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 09:46

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 77.9

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.680	0.315	0.0323	mg/Kg			1	6010B
7439-92-1	Lead	1030	0.629	0.132	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-2 (16-18')
Lab Sample ID: 600-48624-5
Lab Name: TestAmerica Houston
Job No.: 600-48624-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/10/2012 10:32
Reporting Basis: DRY
Date Received: 01/11/2012 09:32
% Solids: 81.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0364	0.303	0.0311	mg/Kg	J		1	6010B
7439-92-1	Lead	13.5	0.607	0.127	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-1 (0-2') Lab Sample ID: 600-48624-6

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 10:59

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 76.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	3.99	0.314	0.0322	mg/Kg			1	6010B
7439-92-1	Lead	318	0.628	0.132	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-1 (2-4') Lab Sample ID: 600-48624-7

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 11:04

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 75.3

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	26.6	0.322	0.0330	mg/Kg			1	6010B
7439-92-1	Lead	7060	6.44	1.35	mg/Kg			10	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-1 (Recon GW) Lab Sample ID: 600-48624-8

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Water Date Sampled: 01/10/2012 11:30

Reporting Basis: WET Date Received: 01/11/2012 09:32

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.135	0.00500	0.000350	mg/L			1	6010B
7439-92-1	Lead	4.82	0.0100	0.00290	mg/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SL-1 (0-2') Lab Sample ID: 600-48624-9

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 13:23

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 78.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	2.29	0.317	0.0325	mg/Kg			1	6010B
7439-92-1	Lead	379	0.633	0.133	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SL-1 (2-4') Lab Sample ID: 600-48624-10

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 13:26

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 82.1

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	50.2	0.299	0.0306	mg/Kg			1	6010B
7439-92-1	Lead	7970	5.97	1.25	mg/Kg			10	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SL-2 (0-2') Lab Sample ID: 600-48624-11

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 14:15

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 79.3

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.799	0.312	0.0320	mg/Kg			1	6010B
7439-92-1	Lead	83.8	0.624	0.131	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SL-2 (5-7')
Lab Sample ID: 600-48624-12
Lab Name: TestAmerica Houston
Job No.: 600-48624-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/10/2012 14:20
Reporting Basis: DRY
Date Received: 01/11/2012 09:32
% Solids: 82.7

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.577	0.302	0.0310	mg/Kg			1	6010B
7439-92-1	Lead	7.27	0.604	0.127	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SL-2 (Recon GW) Lab Sample ID: 600-48624-13

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Water Date Sampled: 01/10/2012 14:33

Reporting Basis: WET Date Received: 01/11/2012 09:32

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000790	0.00500	0.000350	mg/L	J		1	6010B
7439-92-1	Lead	0.0192	0.0100	0.00290	mg/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SL-3 (0-2') Lab Sample ID: 600-48624-14

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 15:04

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 75.4

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.747	0.325	0.0334	mg/Kg			1	6010B
7439-92-1	Lead	46.7	0.650	0.136	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SL-3 (8-10') Lab Sample ID: 600-48624-15

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Solid Date Sampled: 01/10/2012 15:18

Reporting Basis: DRY Date Received: 01/11/2012 09:32

% Solids: 76.7

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.01	0.305	0.0313	mg/Kg			1	6010B
7439-92-1	Lead	7.23	0.610	0.128	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SL-3 (Recon GW) Lab Sample ID: 600-48624-16

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Water Date Sampled: 01/10/2012 15:27

Reporting Basis: WET Date Received: 01/11/2012 09:32

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000520	0.00500	0.000350	mg/L	J		1	6010B
7439-92-1	Lead	0.0141	0.0100	0.00290	mg/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EQUIPMENT BLANK 4 Lab Sample ID: 600-48624-17

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG ID.:

Matrix: Water Date Sampled: 01/10/2012 15:57

Reporting Basis: WET Date Received: 01/11/2012 09:32

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00001

Analyte	ICV 600-70089/9 01/14/2012 08:42				CCV 600-70089/65 01/14/2012 11:21							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4986		0.500	100	0.5152		0.500	103				
Lead	0.4956		0.500	99	0.4824		0.500	96				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00003

Analyte	ICV 600-70089/9 01/14/2012 08:42				CCV 600-70089/27 01/14/2012 09:37				CCV 600-70089/40 01/14/2012 10:11			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4986		0.500	100	0.5025		0.500	101	0.5037		0.500	101
Lead	0.4956		0.500	99	0.4880		0.500	98	0.4847		0.500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

ICV Source: MET0112CCV_00001 Concentration Units: mg/L

CCV Source: MET0112CCV_00003

Analyte	CCV 600-70089/53 01/14/2012 10:45											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5119		0.500	102								
Lead	0.4876		0.500	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

ICV Source: MET0112CCV_00003 Concentration Units: mg/L

CCV Source: MET0112CCV_00003

Analyte	ICV 600-70097/9 01/14/2012 12:08				CCV 600-70097/27 01/14/2012 12:55				CCV 600-70097/40 01/14/2012 13:29			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.4828		0.500	97	0.4772		0.500	95	0.4786		0.500	96
Cadmium	0.4821		0.500	96	0.4644		0.500	93	0.4693		0.500	94

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-70606/4 01/21/2012 07:32				CCV 600-70606/54 01/21/2012 10:56				CCV 600-70606/66 01/21/2012 11:43			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5132		0.500	103	0.5143		0.500	103	0.5002		0.500	100
Lead	0.5119		0.500	102	0.5038		0.500	101	0.4852		0.500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-70606/78 01/21/2012 12:29				CCV 600-70606/89 01/21/2012 13:11							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5094		0.500	102	0.5228		0.500	105				
Lead	0.4906		0.500	98	0.4972		0.500	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-70673/4 01/23/2012 13:55				CCV 600-70673/17 01/23/2012 14:46				CCV 600-70673/29 01/23/2012 15:40			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5032		0.500	101	0.5157		0.500	103	0.5334		0.500	107
Lead	0.5011		0.500	100	0.5041		0.500	101	0.5162		0.500	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-70606/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005390		108	0-500
Lead	0.0100	0.01055		106	0-500

Lab Sample ID: CRI 600-70606/86 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005440		109	0-500
Lead	0.0100	0.01094		109	0-500

Lab Sample ID: CRI 600-70673/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005470		109	50-150
Lead	0.0100	0.01022		102	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70089/11 01/14/2012 08:48		CCB 600-70089/29 01/14/2012 09:42		CCB 600-70089/42 01/14/2012 10:16		CCB 600-70089/55 01/14/2012 10:50	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70089/67 01/14/2012 11:27							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70097/11 01/14/2012 12:13		CCB 600-70097/29 01/14/2012 13:00		CCB 600-70097/42 01/14/2012 13:34			
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U		
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70606/5 01/21/2012 07:36		CCB 600-70606/55 01/21/2012 11:00		CCB 600-70606/67 01/21/2012 11:46		CCB 600-70606/79 01/21/2012 12:33	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70606/90 01/21/2012 13:15							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70673/5 01/23/2012 13:58		CCB 600-70673/18 01/23/2012 14:49		CCB 600-70673/30 01/23/2012 15:44			
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.0005100	J	0.000350	U		
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-69988/1-A

Instrument Code: Thermo6500 Batch No.: 70089

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.105	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-70035/1-A

Instrument Code: TJA1 Batch No.: 70606

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.105	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-69905/1-A

Instrument Code: TJA1 Batch No.: 70673

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.00290	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSA 600-70089/12 Instrument ID: Thermo6500

Lab File ID: 011412.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0000**	
Lead		**-0.0011**	
Aluminum	*500*	*534*	*107*
Antimony		*-0.0074*	
Arsenic		*0.0009*	
Barium		*0.0007*	
Beryllium		*-0.0002*	
Boron		*0.0067*	
Calcium	*500*	*507*	*101*
Chromium		*0.0021*	
Cobalt		*0.0006*	
Copper		*0.0031*	
Iron	*200*	*200*	*100*
Lithium		*0.0093*	
Magnesium	*500*	*567*	*113*
Manganese		*-0.0052*	
Molybdenum		*-0.0006*	
Nickel		*0.0062*	
Potassium		*0.0370*	
Selenium		*0.0030*	
Silicon		*-0.0206*	
Silver		*-0.0003*	
Sodium		*0.0064*	
Strontium		*0.0024*	
Thallium		*-0.0020*	
Tin		*0.0018*	
Titanium		*0.0023*	
Vanadium		*-0.0048*	
Zinc		*0.0047*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSAB 600-70089/13 Instrument ID: Thermo6500

Lab File ID: 011412.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.517**	**103**
Lead	**1.00**	**0.971**	**97**
Aluminum	*510*	*540*	*106*
Antimony	*1.00*	*0.992*	*99*
Arsenic	*1.00*	*1.02*	*102*
Barium	*1.00*	*1.09*	*109*
Beryllium	*0.500*	*0.519*	*104*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*513*	*101*
Chromium	*1.00*	*0.918*	*92*
Cobalt	*1.00*	*1.000*	*100*
Copper	*1.00*	*1.04*	*104*
Iron	*210*	*206*	*98*
Lithium	*1.00*	*1.12*	*112*
Magnesium	*510*	*572*	*112*
Manganese	*1.00*	*0.922*	*92*
Molybdenum	*1.00*	*0.943*	*94*
Nickel	*1.00*	*1.000*	*100*
Potassium	*10.0*	*11.4*	*114*
Selenium	*1.00*	*1.02*	*102*
Silicon	*1.00*	*0.905*	*91*
Silver	*0.500*	*0.548*	*110*
Sodium	*10.0*	*11.1*	*111*
Strontium	*0.500*	*0.543*	*109*
Thallium	*1.00*	*0.927*	*93*
Tin	*1.00*	*0.989*	*99*
Titanium	*1.00*	*0.944*	*94*
Vanadium	*1.00*	*0.923*	*92*
Zinc	*1.00*	*1.00*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSA 600-70089/68 Instrument ID: Thermo6500

Lab File ID: 011412.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0000**	
Lead		**-0.0295**	
Aluminum	*500*	*718*	*144*
Antimony		*-0.0088*	
Arsenic		*0.0059*	
Barium		*0.0001*	
Beryllium		*-0.0001*	
Boron		*0.0021*	
Calcium	*500*	*690*	*138*
Chromium		*0.0017*	
Cobalt		*0.0005*	
Copper		*0.0040*	
Iron	*200*	*210*	*105*
Lithium		*0.0111*	
Magnesium	*500*	*415*	*83*
Manganese		*-0.0036*	
Molybdenum		*0.0001*	
Nickel		*0.0063*	
Potassium		*0.0260*	
Selenium		*0.0016*	
Silicon		*-0.0049*	
Silver		*-0.0006*	
Sodium		*0.0065*	
Strontium		*0.0024*	
Thallium		*-0.0038*	
Tin		*0.0014*	
Titanium		*0.0020*	
Vanadium		*-0.0066*	
Zinc		*0.0038*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSAB 600-70089/69 Instrument ID: Thermo6500

Lab File ID: 011412.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.543**	**109**
Lead	**1.00**	**0.927**	**93**
Aluminum	*510*	*745*	*146*
Antimony	*1.00*	*1.14*	*114*
Arsenic	*1.00*	*1.17*	*117*
Barium	*1.00*	*1.27*	*127*
Beryllium	*0.500*	*0.459*	*92*
Boron	*1.00*	*0.810*	*81*
Calcium	*510*	*701*	*137*
Chromium	*1.00*	*0.764*	*76*
Cobalt	*1.00*	*0.925*	*92*
Copper	*1.00*	*0.960*	*96*
Iron	*210*	*220*	*105*
Lithium	*1.00*	*1.56*	*156*
Magnesium	*510*	*433*	*85*
Manganese	*1.00*	*0.816*	*82*
Molybdenum	*1.00*	*1.11*	*111*
Nickel	*1.00*	*1.03*	*103*
Potassium	*10.0*	*14.2*	*142*
Selenium	*1.00*	*1.20*	*120*
Silicon	*1.00*	*0.646*	*65*
Silver	*0.500*	*0.507*	*101*
Sodium	*10.0*	*14.2*	*142*
Strontium	*0.500*	*0.653*	*131*
Thallium	*1.00*	*0.802*	*80*
Tin	*1.00*	*0.852*	*85*
Titanium	*1.00*	*0.710*	*71*
Vanadium	*1.00*	*0.709*	*71*
Zinc	*1.00*	*0.909*	*91*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSA 600-70097/12 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**-0.0090**	
Aluminum	*500*	*514*	*103*
Antimony		*-0.0067*	
Arsenic		*-0.0002*	
Barium		*0.0008*	
Beryllium		*0.0002*	
Boron		*-0.0048*	
Cadmium		*-0.0001*	
Calcium	*500*	*492*	*98*
Chromium		*0.0015*	
Cobalt		*0.0004*	
Copper		*0.0032*	
Iron	*200*	*193*	*97*
Lithium		*0.0089*	
Magnesium	*500*	*569*	*114*
Manganese		*-0.0052*	
Molybdenum		*-0.0003*	
Nickel		*0.0047*	
Potassium		*0.0158*	
Selenium		*0.0019*	
Silicon		*-0.0005*	
Silver		*0.0001*	
Sodium		*0.0160*	
Strontium		*0.0021*	
Thallium		*-0.0005*	
Tin		*0.0021*	
Titanium		*0.0017*	
Vanadium		*-0.0068*	
Zinc		*0.0041*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSAB 600-70097/13 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Lead	**1.00**	**0.911**	**91**
Aluminum	*510*	*545*	*107*
Antimony	*1.00*	*0.931*	*93*
Arsenic	*1.00*	*0.964*	*96*
Barium	*1.00*	*1.12*	*112*
Beryllium	*0.500*	*0.527*	*105*
Boron	*1.00*	*1.09*	*109*
Cadmium	*0.500*	*0.494*	*99*
Calcium	*510*	*527*	*103*
Chromium	*1.00*	*0.923*	*92*
Cobalt	*1.00*	*0.957*	*96*
Copper	*1.00*	*1.05*	*105*
Iron	*210*	*212*	*101*
Lithium	*1.00*	*1.12*	*112*
Magnesium	*510*	*599*	*117*
Manganese	*1.00*	*0.920*	*92*
Molybdenum	*1.00*	*0.890*	*89*
Nickel	*1.00*	*0.953*	*95*
Potassium	*10.0*	*11.6*	*116*
Selenium	*1.00*	*0.968*	*97*
Silicon	*1.00*	*0.979*	*98*
Silver	*0.500*	*0.549*	*110*
Sodium	*10.0*	*11.3*	*113*
Strontium	*0.500*	*0.552*	*110*
Thallium	*1.00*	*0.898*	*90*
Tin	*1.00*	*0.960*	*96*
Titanium	*1.00*	*0.957*	*96*
Vanadium	*1.00*	*0.936*	*94*
Zinc	*1.00*	*0.971*	*97*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSA 600-70097/97 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**-0.0158**	
Aluminum	*500*	*559*	*112*
Antimony		*-0.0067*	
Arsenic		*0.0000*	
Barium		*0.0007*	
Beryllium		*0.0000*	
Boron		*0.0083*	
Cadmium		*-0.0001*	
Calcium	*500*	*519*	*104*
Chromium		*0.0018*	
Cobalt		*0.0004*	
Copper		*0.0034*	
Iron	*200*	*189*	*95*
Lithium		*0.0097*	
Magnesium	*500*	*544*	*109*
Manganese		*-0.0050*	
Molybdenum		*-0.0004*	
Nickel		*0.0050*	
Potassium		*0.0388*	
Selenium		*0.0040*	
Silicon		*0.0087*	
Silver		*-0.0001*	
Sodium		*0.0564*	
Strontium		*0.0021*	
Thallium		*-0.0050*	
Tin		*0.0016*	
Titanium		*0.0020*	
Vanadium		*-0.0072*	
Zinc		*0.0043*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSAB 600-70097/98 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Lead	**1.00**	**0.930**	**93**
Aluminum	*510*	*583*	*114*
Antimony	*1.00*	*0.969*	*97*
Arsenic	*1.00*	*0.992*	*99*
Barium	*1.00*	*1.15*	*115*
Beryllium	*0.500*	*0.508*	*102*
Boron	*1.00*	*1.02*	*102*
Cadmium	*0.500*	*0.499*	*100*
Calcium	*510*	*537*	*105*
Chromium	*1.00*	*0.892*	*89*
Cobalt	*1.00*	*0.964*	*96*
Copper	*1.00*	*1.03*	*103*
Iron	*210*	*201*	*96*
Lithium	*1.00*	*1.26*	*126*
Magnesium	*510*	*548*	*107*
Manganese	*1.00*	*0.887*	*89*
Molybdenum	*1.00*	*0.917*	*92*
Nickel	*1.00*	*0.971*	*97*
Potassium	*10.0*	*13.0*	*130*
Selenium	*1.00*	*0.999*	*100*
Silicon	*1.00*	*0.940*	*94*
Silver	*0.500*	*0.539*	*108*
Sodium	*10.0*	*12.6*	*126*
Strontium	*0.500*	*0.567*	*113*
Thallium	*1.00*	*0.932*	*93*
Tin	*1.00*	*0.987*	*99*
Titanium	*1.00*	*0.939*	*94*
Vanadium	*1.00*	*0.872*	*87*
Zinc	*1.00*	*0.965*	*96*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSA 600-70606/7 Instrument ID: TJA1

Lab File ID: A012112 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0048**	
Lead		**0.0080**	
Aluminum	*500*	*501*	*100*
Antimony		*0.0011*	
Arsenic		*-0.0006*	
Barium		*0.0017*	
Beryllium		*-0.0002*	
Boron		*-0.0018*	
Calcium	*500*	*453*	*91*
Chromium		*0.0015*	
Cobalt		*0.0001*	
Copper		*0.0133*	
Iron	*200*	*192*	*96*
Lithium		*0.0045*	
Magnesium	*500*	*506*	*101*
Manganese		*-0.0077*	
Molybdenum		*-0.0005*	
Nickel		*0.0000*	
Potassium		*0.0812*	
Selenium		*-0.0115*	
Silicon		*0.0099*	
Silver		*-0.0001*	
Sodium		*0.153*	
Strontium		*-0.0090*	
Thallium		*-0.0086*	
Tin		*-0.0014*	
Titanium		*-0.0025*	
Vanadium		*0.0037*	
Zinc		*0.0014*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSAB 600-70606/8 Instrument ID: TJA1

Lab File ID: A012112 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.470**	**94**
Lead	**1.00**	**0.959**	**96**
Aluminum	*510*	*507*	*99*
Antimony	*1.00*	*1.03*	*103*
Arsenic	*1.00*	*1.02*	*102*
Barium	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.484*	*97*
Boron	*1.00*	*1.03*	*103*
Calcium	*510*	*455*	*89*
Chromium	*1.00*	*0.948*	*95*
Cobalt	*1.00*	*0.918*	*92*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*198*	*94*
Lithium	*1.00*	*1.22*	*122*
Magnesium	*510*	*510*	*100*
Manganese	*1.00*	*0.943*	*94*
Molybdenum	*1.00*	*0.980*	*98*
Nickel	*1.00*	*0.898*	*90*
Potassium	*10.0*	*14.4*	*144*
Selenium	*1.00*	*1.00*	*100*
Silicon	*1.00*	*0.961*	*96*
Silver	*0.500*	*0.534*	*107*
Sodium	*10.0*	*13.7*	*137*
Strontium	*0.500*	*0.493*	*99*
Thallium	*1.00*	*0.948*	*95*
Tin	*1.00*	*0.991*	*99*
Titanium	*1.00*	*0.980*	*98*
Vanadium	*1.00*	*0.975*	*97*
Zinc	*1.00*	*0.998*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSA 600-70606/87 Instrument ID: TJA1

Lab File ID: A012112 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0042**	
Lead		**0.0076**	
Aluminum	*500*	*480*	*96*
Antimony		*-0.0010*	
Arsenic		*-0.0052*	
Beryllium		*-0.0008*	
Boron		*0.0022*	
Calcium	*500*	*443*	*89*
Chromium		*0.0014*	
Cobalt		*0.0000*	
Copper		*0.0113*	
Iron	*200*	*189*	*94*
Lithium		*0.0045*	
Magnesium	*500*	*476*	*95*
Manganese		*-0.0071*	
Molybdenum		*-0.0011*	
Nickel		*-0.0001*	
Potassium		*0.0730*	
Selenium		*-0.0150*	
Silicon		*0.0100*	
Silver		*-0.0007*	
Sodium		*0.210*	
Strontium		*-0.0087*	
Thallium		*0.0079*	
Tin		*-0.0001*	
Titanium		*-0.0026*	
Vanadium		*0.0044*	
Zinc		*-0.0030*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSAB 600-70606/88 Instrument ID: TJA1

Lab File ID: A012112 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.476**	**95**
Lead	**1.00**	**0.932**	**93**
Aluminum	*510*	*488*	*96*
Antimony	*1.00*	*1.04*	*104*
Arsenic	*1.00*	*1.03*	*103*
Beryllium	*0.500*	*0.448*	*90*
Boron	*1.00*	*1.04*	*104*
Calcium	*510*	*446*	*88*
Chromium	*1.00*	*0.897*	*90*
Cobalt	*1.00*	*0.854*	*85*
Copper	*1.00*	*1.01*	*101*
Iron	*210*	*196*	*94*
Lithium	*1.00*	*1.24*	*124*
Magnesium	*510*	*481*	*94*
Manganese	*1.00*	*0.904*	*90*
Molybdenum	*1.00*	*0.977*	*98*
Nickel	*1.00*	*0.945*	*94*
Potassium	*10.0*	*14.7*	*147*
Selenium	*1.00*	*0.965*	*96*
Silicon	*1.00*	*0.931*	*93*
Silver	*0.500*	*0.521*	*104*
Sodium	*10.0*	*13.7*	*137*
Strontium	*0.500*	*0.502*	*100*
Thallium	*1.00*	*1.01*	*101*
Tin	*1.00*	*0.947*	*95*
Titanium	*1.00*	*0.969*	*97*
Vanadium	*1.00*	*0.933*	*93*
Zinc	*1.00*	*0.996*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSA 600-70673/7 Instrument ID: TJA1

Lab File ID: B012312 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0047**	
Lead		**0.0112**	
Aluminum	*500*	*508*	*102*
Antimony		*0.0039*	
Arsenic		*0.0014*	
Barium		*0.0018*	
Beryllium		*-0.0002*	
Boron		*-0.0017*	
Calcium	*500*	*462*	*92*
Chromium		*0.0022*	
Cobalt		*-0.0003*	
Copper		*0.0133*	
Iron	*200*	*195*	*98*
Lithium		*0.0047*	
Magnesium	*500*	*514*	*103*
Manganese		*-0.0077*	
Molybdenum		*0.0007*	
Nickel		*0.0003*	
Potassium		*0.126*	
Selenium		*-0.0145*	
Silicon		*0.0077*	
Silver		*-0.0012*	
Sodium		*0.168*	
Strontium		*-0.0091*	
Thallium		*0.0018*	
Tin		*-0.0027*	
Titanium		*-0.0025*	
Vanadium		*0.0047*	
Zinc		*0.0017*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Lab Sample ID: ICSAB 600-70673/8 Instrument ID: TJA1

Lab File ID: B012312 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.487**	**97**
Lead	**1.00**	**0.989**	**99**
Aluminum	*510*	*517*	*101*
Antimony	*1.00*	*1.06*	*106*
Arsenic	*1.00*	*1.05*	*105*
Barium	*1.00*	*1.05*	*105*
Beryllium	*0.500*	*0.490*	*98*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*467*	*92*
Chromium	*1.00*	*0.970*	*97*
Cobalt	*1.00*	*0.935*	*94*
Copper	*1.00*	*1.09*	*109*
Iron	*210*	*204*	*97*
Lithium	*1.00*	*1.25*	*125*
Magnesium	*510*	*521*	*102*
Manganese	*1.00*	*0.964*	*96*
Molybdenum	*1.00*	*1.01*	*101*
Nickel	*1.00*	*0.972*	*97*
Potassium	*10.0*	*14.7*	*147*
Selenium	*1.00*	*1.01*	*101*
Silicon	*1.00*	*0.981*	*98*
Silver	*0.500*	*0.543*	*109*
Sodium	*10.0*	*13.9*	*139*
Strontium	*0.500*	*0.511*	*102*
Thallium	*1.00*	*1.00*	*100*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*1.01*	*101*
Vanadium	*1.00*	*0.995*	*99*
Zinc	*1.00*	*1.03*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-SL-2 (0-2') MS
Lab ID: 600-48624-11 MS
Lab Name: TestAmerica Houston
Job No.: 600-48624-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 75.8

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	30.08		0.799		32.3	91	75-125		6010B
Lead	136.9		83.8		64.6	82	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: EQUIPMENT BLANK 4 MS Lab ID: 600-48624-17 MS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5201		0.000350	U	0.500	104	75-125		6010B
Lead	1.016		0.00290	U	1.00	102	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-SL-2 (0-2') MSD
Lab ID: 600-48624-11 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48624-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 77.7

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	29.50		31.5	91	75-125	2	20		6010B
Lead	101.4		63.1	28	75-125	30	20	N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: EQUIPMENT BLANK 4 MSD Lab ID: 600-48624-17 MSD

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.5245		0.500	105	75-125	1	20		6010B
Lead	1.024		1.00	102	75-125	1	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-SL-2 (0-2') PDS Lab ID: 600-48624-11 PDS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	28.33		0.799		31.2	88	75-125		6010B
Lead	126.9		83.8		62.4	69	75-125	W	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 2012-SL-2 (0-2') DU Lab ID: 600-48624-11 DU

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

% Solids for Sample: 79.3 % Solids for Duplicate: 79.3

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.303	0.799		0.6002		28		6010B
Lead	0.606	83.8		46.60		57	F	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: EQUIPMENT BLANK 4 DU Lab ID: 600-48624-17 DU

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.00500	0.000350	U	0.000350	U	NC		6010B
Lead	0.0100	0.00290	U	0.00290	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69988/2-A

Lab Name: TestAmerica Houston Job No.: 600-48624-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	75.03		106	81	119		6010B
Lead	144	139.1		97	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70035/2-A

Lab Name: TestAmerica Houston Job No.: 600-48624-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	60.98		86	81	119		6010B
Lead	144	121.4		84	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69905/2-A

Lab Name: TestAmerica Houston Job No.: 600-48624-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.5277		106	80	120		6010B
Lead	1.00	1.028		103	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-48624-11

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48624-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	0.799		0.9989	J	NC		6010B
Lead	83.8		74.13		12	*	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG Number:

Matrix: Solid Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-48624-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-69905/1-A	01/12/2012 08:46	69905		50	50
LCS 600-69905/2-A	01/12/2012 08:46	69905		50	50
600-48624-8	01/12/2012 08:46	69905		50	50
600-48624-13	01/12/2012 08:46	69905		50	50
600-48624-16	01/12/2012 08:46	69905		50	50
600-48624-17	01/12/2012 08:46	69905		50	50
600-48624-17 DU	01/12/2012 08:46	69905		50	50
600-48624-17 MS	01/12/2012 08:46	69905		50	50
600-48624-17 MSD	01/12/2012 08:46	69905		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-69988/1-A	01/13/2012 08:27	69988	1.00		50
LCS 600-69988/2-A	01/13/2012 08:27	69988	0.50		50
600-48624-1	01/13/2012 08:27	69988	1.02		50
600-48624-2	01/13/2012 08:27	69988	1.01		50
600-48624-3	01/13/2012 08:27	69988	1.04		50
600-48624-4	01/13/2012 08:27	69988	1.02		50
600-48624-5	01/13/2012 08:27	69988	1.01		50
600-48624-6	01/13/2012 08:27	69988	1.04		50
600-48624-7	01/13/2012 08:27	69988	1.03		50
600-48624-7 DL	01/13/2012 08:27	69988	1.03		50
600-48624-9	01/13/2012 08:27	69988	1.01		50
600-48624-10	01/13/2012 08:27	69988	1.02		50
600-48624-10 DL	01/13/2012 08:27	69988	1.02		50
600-48624-11	01/13/2012 08:27	69988	1.01		50
600-48624-11 DU	01/13/2012 08:27	69988	1.04		50
600-48624-11 MS	01/13/2012 08:27	69988	1.02		50
600-48624-11 MSD	01/13/2012 08:27	69988	1.02		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-70035/1-A	01/13/2012 15:25	70035	1.0		50
LCS 600-70035/2-A	01/13/2012 15:25	70035	0.50		50
600-48624-12	01/13/2012 15:25	70035	1.00		50
600-48624-14	01/13/2012 15:25	70035	1.02		50
600-48624-15	01/13/2012 15:25	70035	1.07		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 08:22 End Date: 01/14/2012 11:42

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-70089/1			08:22																					
RINSE 600-70089/2			08:25																					
ZZZZZZ			08:27																					
ZZZZZZ			08:30																					
CALIBSTD 600-70089/5 IC			08:33	X	X																			
CALIBSTD 600-70089/6 IC			08:35	X	X																			
CALIBSTD 600-70089/7 IC			08:38	X	X																			
CALIBSTD 600-70089/8 IC			08:40	X	X																			
ICV 600-70089/9	1		08:42	X	X																			
ZZZZZZ			08:45																					
ICB 600-70089/11	1		08:48	X	X																			
ICSA 600-70089/12	1		08:50	X	X																			
ICSAB 600-70089/13	1		08:53	X	X																			
CCV 600-70089/14			08:55																					
ZZZZZZ			08:58																					
CCB 600-70089/16			09:01																					
ZZZZZZ			09:11																					
ZZZZZZ			09:13																					
ZZZZZZ			09:16																					
ZZZZZZ			09:18																					
ZZZZZZ			09:21																					
ZZZZZZ			09:24																					
ZZZZZZ			09:26																					
ZZZZZZ			09:29																					
ZZZZZZ			09:31																					
ZZZZZZ			09:34																					
CCV 600-70089/27	1		09:37	X	X																			
ZZZZZZ			09:39																					
CCB 600-70089/29	1		09:42	X	X																			
ZZZZZZ			09:45																					
ZZZZZZ			09:47																					
ZZZZZZ			09:50																					
ZZZZZZ			09:53																					
ZZZZZZ			09:55																					
MB 600-69988/1-A	1	T	09:58	X	X																			
LCS 600-69988/2-A	1	T	10:01	X	X																			
ZZZZZZ			10:03																					
ZZZZZZ			10:06																					
ZZZZZZ			10:08																					
CCV 600-70089/40	1		10:11	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 08:22 End Date: 01/14/2012 11:42

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			10:14																					
CCB 600-70089/42	1		10:16	X	X																			
ZZZZZZ			10:19																					
ZZZZZZ			10:22																					
600-48624-1	1	T	10:24	X	X																			
600-48624-2	1	T	10:27	X	X																			
600-48624-3	1	T	10:29	X	X																			
600-48624-4	1	T	10:32	X	X																			
600-48624-5	1	T	10:35	X	X																			
600-48624-6	1	T	10:37	X	X																			
600-48624-7	1	T	10:40	X																				
600-48624-9	1	T	10:43	X	X																			
CCV 600-70089/53	1		10:45	X	X																			
ZZZZZZ			10:48																					
CCB 600-70089/55	1		10:50	X	X																			
600-48624-10	1	T	10:53	X																				
600-48624-11	1	T	10:56	X	X																			
600-48624-11 DU	1	T	10:58	X	X																			
600-48624-11 MS	1	T	11:01	X	X																			
600-48624-11 MSD	1	T	11:03	X	X																			
600-48624-11 PDS	1	T	11:06	X	X																			
600-48624-11 SD	5	T	11:08	X	X																			
ZZZZZZ			11:11																					
ZZZZZZ			11:14																					
CCV 600-70089/65	1		11:21	X	X																			
ZZZZZZ			11:24																					
CCB 600-70089/67	1		11:27	X	X																			
ICSA 600-70089/68	1		11:29	X	X																			
ICSAB 600-70089/69	1		11:32	X	X																			
CCV 600-70089/70			11:34																					
CCB 600-70089/71			11:37																					
RINSE 600-70089/72			11:39																					
RINSE 600-70089/73			11:42																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 11:47 End Date: 01/14/2012 16:10

Lab Sample ID	D / F	Type	Time	Analytes																				
				Pb																				
RINSE 600-70097/1			11:47																					
RINSE 600-70097/2			11:50																					
ZZZZZZ			11:52																					
ZZZZZZ			11:55																					
CALIBSTD 600-70097/5 IC			11:58	X																				
CALIBSTD 600-70097/6 IC			12:00	X																				
CALIBSTD 600-70097/7 IC			12:03	X																				
CALIBSTD 600-70097/8 IC			12:05	X																				
ICV 600-70097/9	1		12:08	X																				
ZZZZZZ			12:10																					
ICB 600-70097/11	1		12:13	X																				
ICSA 600-70097/12	1		12:15	X																				
ICSAB 600-70097/13	1		12:18	X																				
CCV 600-70097/14			12:20																					
ZZZZZZ			12:23																					
CCB 600-70097/16			12:26																					
ZZZZZZ			12:28																					
ZZZZZZ			12:31																					
ZZZZZZ			12:33																					
ZZZZZZ			12:36																					
ZZZZZZ			12:39																					
ZZZZZZ			12:41																					
ZZZZZZ			12:44																					
ZZZZZZ			12:47																					
ZZZZZZ			12:50																					
ZZZZZZ			12:52																					
CCV 600-70097/27	1		12:55	X																				
ZZZZZZ			12:57																					
CCB 600-70097/29	1		13:00	X																				
ZZZZZZ			13:03																					
ZZZZZZ			13:05																					
ZZZZZZ			13:08																					
600-48624-7 DL	10	T	13:11	X																				
600-48624-10 DL	10	T	13:13	X																				
ZZZZZZ			13:16																					
ZZZZZZ			13:18																					
ZZZZZZ			13:21																					
ZZZZZZ			13:24																					
ZZZZZZ			13:26																					
CCV 600-70097/40	1		13:29	X																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 11:47 End Date: 01/14/2012 16:10

Lab Sample ID	D / F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			13:31																					
CCB 600-70097/42	1		13:34	X																				
ZZZZZZ			13:37																					
ZZZZZZ			13:39																					
ZZZZZZ			13:42																					
CCV 600-70097/46			13:44																					
ZZZZZZ			13:47																					
CCB 600-70097/48			13:50																					
ZZZZZZ			13:52																					
ZZZZZZ			13:55																					
ZZZZZZ			13:57																					
ZZZZZZ			14:00																					
ZZZZZZ			14:03																					
ZZZZZZ			14:05																					
ZZZZZZ			14:08																					
ZZZZZZ			14:10																					
ZZZZZZ			14:13																					
ZZZZZZ			14:16																					
CCV 600-70097/59			14:18																					
ZZZZZZ			14:21																					
CCB 600-70097/61			14:23																					
ZZZZZZ			14:26																					
ZZZZZZ			14:29																					
ZZZZZZ			14:31																					
ZZZZZZ			14:34																					
ZZZZZZ			14:36																					
ZZZZZZ			14:39																					
ZZZZZZ			14:42																					
ZZZZZZ			14:44																					
ZZZZZZ			14:47																					
ZZZZZZ			14:50																					
CCV 600-70097/72			14:53																					
ZZZZZZ			14:55																					
CCB 600-70097/74			14:58																					
ZZZZZZ			15:00																					
ZZZZZZ			15:03																					
ZZZZZZ			15:06																					
ZZZZZZ			15:08																					
ZZZZZZ			15:11																					
ZZZZZZ			15:13																					
ZZZZZZ			15:16																					
ZZZZZZ			15:19																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 11:47 End Date: 01/14/2012 16:10

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			15:21																				
ZZZZZZ			15:24																				
CCV 600-70097/85			15:26																				
ZZZZZZ			15:29																				
CCB 600-70097/87			15:31																				
ZZZZZZ			15:34																				
ZZZZZZ			15:37																				
ZZZZZZ			15:39																				
ZZZZZZ			15:42																				
ZZZZZZ			15:44																				
ZZZZZZ			15:47																				
CCV 600-70097/94			15:49																				
ZZZZZZ			15:52																				
CCB 600-70097/96			15:55																				
ICSA 600-70097/97	1		15:57	X																			
ICSAB 600-70097/98	1		16:00	X																			
CCV 600-70097/99			16:02																				
CCB 600-70097/100			16:05																				
RINSE 600-70097/101			16:08																				
RINSE 600-70097/102			16:10																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/21/2012 07:21 End Date: 01/21/2012 13:15

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			07:21																					
STD 600-70606/2 IC			07:24	X	X																			
ZZZZZZ			07:29																					
ICV 600-70606/4	1		07:32	X	X																			
ICB 600-70606/5	1		07:36	X	X																			
CRI 600-70606/6	1		07:40	X	X																			
ICSA 600-70606/7	1		07:44	X	X																			
ICSAB 600-70606/8	1		07:48	X	X																			
CCV 600-70606/9			07:52																					
CCB 600-70606/10			07:56																					
ZZZZZZ			08:01																					
ZZZZZZ			08:05																					
ZZZZZZ			08:09																					
ZZZZZZ			08:13																					
ZZZZZZ			08:17																					
ZZZZZZ			08:21																					
ZZZZZZ			08:24																					
ZZZZZZ			08:28																					
ZZZZZZ			08:32																					
ZZZZZZ			08:36																					
CCV 600-70606/21			08:40																					
CCB 600-70606/22			08:44																					
ZZZZZZ			08:48																					
ZZZZZZ			08:51																					
ZZZZZZ			08:55																					
ZZZZZZ			08:59																					
ZZZZZZ			09:03																					
ZZZZZZ			09:07																					
ZZZZZZ			09:11																					
ZZZZZZ			09:15																					
ZZZZZZ			09:18																					
ZZZZZZ			09:22																					
CCV 600-70606/33			09:26																					
CCB 600-70606/34			09:30																					
ZZZZZZ			09:34																					
ZZZZZZ			09:38																					
ZZZZZZ			09:41																					
ZZZZZZ			09:45																					
ZZZZZZ			09:49																					
ZZZZZZ			09:53																					
ZZZZZZ			09:57																					
ZZZZZZ			10:02																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/21/2012 07:21 End Date: 01/21/2012 13:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			10:06																				
ZZZZZZ			10:10																				
CCV 600-70606/45			10:14																				
CCB 600-70606/46			10:17																				
ZZZZZZ			10:21																				
ZZZZZZ			10:30																				
ZZZZZZ			10:33																				
ZZZZZZ			10:38																				
ZZZZZZ			10:42																				
ZZZZZZ			10:45																				
ZZZZZZ			10:49																				
CCV 600-70606/54	1		10:56	X	X																		
CCB 600-70606/55	1		11:00	X	X																		
MB 600-70035/1-A	1	T	11:04	X	X																		
LCS 600-70035/2-A	1	T	11:08	X	X																		
600-48624-12	1	T	11:12	X	X																		
600-48624-14	1	T	11:16	X	X																		
600-48624-15	1	T	11:19	X	X																		
ZZZZZZ			11:23																				
ZZZZZZ			11:27																				
ZZZZZZ			11:31																				
ZZZZZZ			11:35																				
ZZZZZZ			11:39																				
CCV 600-70606/66	1		11:43	X	X																		
CCB 600-70606/67	1		11:46	X	X																		
ZZZZZZ			11:50																				
ZZZZZZ			11:54																				
ZZZZZZ			11:58																				
ZZZZZZ			12:02																				
ZZZZZZ			12:06																				
ZZZZZZ			12:09																				
ZZZZZZ			12:13																				
ZZZZZZ			12:17																				
ZZZZZZ			12:21																				
ZZZZZZ			12:25																				
CCV 600-70606/78	1		12:29	X	X																		
CCB 600-70606/79	1		12:33	X	X																		
ZZZZZZ			12:36																				
ZZZZZZ			12:40																				
ZZZZZZ			12:44																				
ZZZZZZ			12:48																				
ZZZZZZ			12:52																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/21/2012 07:21 End Date: 01/21/2012 13:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			12:56																				
CRI 600-70606/86	1		13:00	X	X																		
ICSA 600-70606/87	1		13:03	X	X																		
ICSAB 600-70606/88	1		13:07	X	X																		
CCV 600-70606/89	1		13:11	X	X																		
CCB 600-70606/90	1		13:15	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/23/2012 13:43 End Date: 01/23/2012 17:52

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			13:43																					
STD 600-70673/2 IC			13:47	X	X																			
ZZZZZZ			13:51																					
ICV 600-70673/4	1		13:55	X	X																			
ICB 600-70673/5	1		13:58	X	X																			
CRI 600-70673/6	1		14:03	X	X																			
ICSA 600-70673/7	1		14:07	X	X																			
ICSAB 600-70673/8	1		14:11	X	X																			
CCV 600-70673/9			14:15																					
CCB 600-70673/10			14:19																					
ZZZZZZ			14:22																					
ZZZZZZ			14:26																					
ZZZZZZ			14:30																					
ZZZZZZ			14:34																					
ZZZZZZ			14:38																					
ZZZZZZ			14:42																					
CCV 600-70673/17	1		14:46	X	X																			
CCB 600-70673/18	1		14:49	X	X																			
MB 600-69905/1-A	1	T	14:55	X	X																			
LCS 600-69905/2-A	1	T	14:58	X	X																			
600-48624-8	1	T	15:02	X	X																			
600-48624-13	1	T	15:06	X	X																			
600-48624-16	1	T	15:10	X	X																			
600-48624-17	1	T	15:14	X	X																			
600-48624-17 DU	1	T	15:18	X	X																			
600-48624-17 MS	1	T	15:22	X	X																			
600-48624-17 MSD	1	T	15:25	X	X																			
ZZZZZZ			15:29																					
CCV 600-70673/29	1		15:40	X	X																			
CCB 600-70673/30	1		15:44	X	X																			
ZZZZZZ			15:48																					
ZZZZZZ			15:52																					
ZZZZZZ			15:56																					
ZZZZZZ			16:00																					
ZZZZZZ			16:03																					
ZZZZZZ			16:07																					
ZZZZZZ			16:11																					
ZZZZZZ			16:15																					
ZZZZZZ			16:19																					
ZZZZZZ			16:23																					
CCV 600-70673/41			16:27																					
CCB 600-70673/42			16:30																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/23/2012 13:43 End Date: 01/23/2012 17:52

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			16:53																				
CCV 600-70673/44			16:57																				
CCB 600-70673/45			17:01																				
ZZZZZZ			17:07																				
ZZZZZZ			17:11																				
ZZZZZZ			17:15																				
ZZZZZZ			17:18																				
ZZZZZZ			17:22																				
ZZZZZZ			17:26																				
ZZZZZZ			17:30																				
ZZZZZZ			17:34																				
ZZZZZZ			17:40																				
ZZZZZZ			17:45																				
CCV 600-70673/56			17:49																				
CCB 600-70673/57			17:52																				

Prep Types

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v620)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:22:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.001	592.5	-0.0009	0.0005
Al3082	308.215	{1 In2306	ppm	0.0928	0.0139	14.97	0.083	0.1027
As1890	189.042	{4 Y_2243	ppm	0	0.0003	1533	0.0002	-0.0002
B_2496	249.678	{1 Y_3710	ppm	-0.002	0.0072	367.8	-0.0071	0.0031
Ba4554	455.403	{ 7 Y_3710	ppm	0.0008	0	5.255	0.0008	0.0008
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	116.4	0	-0.0002
Ca3158	315.887	{1 In2306	ppm	-0.0094	0.0021	22.47	-0.0109	-0.0079
Ca3181	318.128	{1 In2306	ppm	0.0156	0.017	109.3	0.0035	0.0276
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	35.37	-0.0002	-0.0001
Co2286	228.616	{4 In2306	ppm	-0.0001	0.0002	223.6	0.0001	-0.0002
Cr2677	267.716	{1 Y_3600	ppm	0	0.0005	1307	0.0004	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	-0.017	0.0001	0.352	-0.017	-0.017
Fe2404	240.488	{1 In2306	ppm	0.0102	0.0048	47.69	0.0136	0.0067
K_7664	766.490	{ 4 Y_3710	ppm	-0.0117	0.0077	65.23	-0.0063	-0.0172
K_7698	769.896	{ 4 Y_3710	ppm	-0.1106	0.022	19.89	-0.1261	-0.095
Li6707	670.784	{ 5 Y_3710	ppm	0	0.0002	603.3	0.0002	-0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.0275	0.0844	307.1	-0.0872	0.0322
Mn2576	257.610	{1 Y_3600	ppm	0	0.0001	228.1	0	-0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	-0.001	0.0009	84.59	-0.0004	-0.0017
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0004	253.6	-0.0001	0.0004
Na5895	589.592	{ 5 Y_3710	ppm	-0.0048	0.0021	44.06	-0.0033	-0.0063
Na8183	818.326	{ 4 Y_3710	ppm	0.3785	0.0411	10.86	0.4076	0.3495
Ni2316	231.604	{4 In2306	ppm	-0.0003	0	0.7161	-0.0003	-0.0003
P_1782	178.284	{4 In2306	ppm	-0.0022	0.0008	38.9	-0.0016	-0.0028
Pb2203	220.353	{4 In2306	ppm	0.0003	0.0002	62.33	0.0002	0.0005
S_1820	182.034	{4 Y_2243	ppm	0.4024	0.5352	133	0.024	0.7809
Sb2068	206.833	{4 Y_2243	ppm	0.0023	0.0012	52.45	0.0015	0.0032
Se1960	196.090	{4 Y_2243	ppm	0.001	0.0012	126.6	0.0018	0.0001
Si2516	251.611	{1 Y_3710	ppm	0.0119	0.0126	106.1	0.0208	0.003
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0005	214.2	-0.0001	0.0005
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0	7.555	-0.0003	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0004	0.0001	19.52	-0.0004	-0.0005
Tl1908	190.856	{4 In2306	ppm	-0.0002	0.0001	60.78	-0.0001	-0.0003
V_2924	292.402	{1 Y_3600	ppm	0.0003	0.0004	169.5	0.0006	-0.0001
Zn2062	206.200	{4 In2306	ppm	0	0	80.4	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	114.09	0.3607	0.31617	114.34	113.83
In2306	230.606	{4 Cts/S	11097	10.871	0.09797	11105	11089
Y_2243	224.306	{4 Cts/S	15155	0.95919	0.00633	15155	15156
Y_3600	360.073	{ 9 Cts/S	96813	112.78	0.11649	96733	96892
Y_3710	371.030	{ 9 Cts/S	9677.9	19.112	0.19749	9691.4	9664.4

[Sample Header]
Method=ICP6500Metals_TRY3(v620)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:25:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0	34.34	-0.0001	-0.0001
Al3082	308.215	{1 In2306	ppm	0.0581	0.0134	22.99	0.0486	0.0675
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0011	513.4	0.0006	-0.001
B_2496	249.678	{1 Y_3710	ppm	0.0066	0.0005	8.296	0.007	0.0062
Ba4554	455.403	{ 7 Y_3710	ppm	0.0008	0.0003	41.43	0.0006	0.001
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	41.55	-0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0039	0.0012	31.28	-0.0047	-0.003
Ca3181	318.128	{1 In2306	ppm	-0.0007	0.0138	2102	0.0091	-0.0104
Cd2288	228.802	{4 Y_2243	ppm	-0.0002	0.0001	39.83	-0.0003	-0.0002
Co2286	228.616	{4 In2306	ppm	0.0001	0	39.76	0.0001	0.0001
Cr2677	267.716	{1 Y_3600	ppm	0.0001	0.0001	89.42	0.0001	0
Cu3247	324.754	{1 Y_3600	ppm	-0.0172	0.0005	2.706	-0.0169	-0.0175
Fe2404	240.488	{1 In2306	ppm	0.0124	0.0012	9.327	0.0116	0.0133
K_7664	766.490	{ 4 Y_3710	ppm	-0.0064	0.0003	5.218	-0.0062	-0.0067
K_7698	769.896	{ 4 Y_3710	ppm	-0.1027	0.0267	26.03	-0.0838	-0.1216
Li6707	670.784	{ 5 Y_3710	ppm	0.0007	0.0004	54.62	0.001	0.0004
Mg2790	279.079	{1 Y_3710	ppm	0.0272	0.0129	47.43	0.0363	0.0181
Mn2576	257.610	{1 Y_3600	ppm	0	0.0001	281.4	0	-0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0004	0.0005	128.8	0	-0.0007
Mo2020	202.030	{4 Y_2243	ppm	0	0	28.27	0	0
Na5895	589.592	{ 5 Y_3710	ppm	-0.0016	0.0041	253.5	0.0013	-0.0045
Na8183	818.326	{ 4 Y_3710	ppm	0.3109	0.0315	10.15	0.3332	0.2886
Ni2316	231.604	{4 In2306	ppm	-0.0005	0.0001	21.74	-0.0004	-0.0006
P_1782	178.284	{4 In2306	ppm	-0.0029	0	1.719	-0.0029	-0.0028
Pb2203	220.353	{4 In2306	ppm	-0.0003	0.0004	166	-0.0006	0
S_1820	182.034	{4 Y_2243	ppm	1.121	0.2423	21.62	1.292	0.9497
Sb2068	206.833	{4 Y_2243	ppm	-0.0004	0.0009	257.4	-0.001	0.0003
Se1960	196.090	{4 Y_2243	ppm	0.0023	0.0003	12.87	0.0025	0.0021
Si2516	251.611	{1 Y_3710	ppm	0.0046	0.0032	69.07	0.0024	0.0069
Sn1899	189.989	{4 In2306	ppm	0.0004	0	8.251	0.0004	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	89.35	-0.0001	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	-0.0023	0.0007	32.59	-0.0017	-0.0028
Tl1908	190.856	{4 In2306	ppm	0.0014	0.0007	50.96	0.0009	0.0019
V_2924	292.402	{1 Y_3600	ppm	0.0005	0.0002	34.49	0.0006	0.0004
Zn2062	206.200	{4 In2306	ppm	-0.0001	0	34.34	-0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	113.59	0.41533	0.36565	113.29	113.88
In2306	230.606	{4 Cts/S	11081	7.7965	0.07036	11075	11086
Y_2243	224.306	{4 Cts/S	15114	9.2459	0.06117	15108	15121
Y_3600	360.073	{ 9 Cts/S	96954	48.697	0.05023	96920	96989
Y_3710	371.030	{ 9 Cts/S	9706.8	43.949	0.45277	9737.9	9675.8

[Sample Header]
Method=ICP6500Metals_TRY3(v620)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:27:53
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0001	0	72.32	0	0.0001
Al3082	308.215	{1 In2306	Cts/S	0.1368	0.0069	5.064	0.1417	0.1319
As1890	189.042	{4 Y_2243	Cts/S	0	0.0001	123.2	-0.0001	0
B_2496	249.678	{1 Y_3710	Cts/S	0.0001	0.0001	216.2	0	0.0002
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.0067	0.0011	15.74	0.0075	0.006
Be3130	313.042	{1 Y_3710	Cts/S	0.0001	0	8.679	0.0002	0.0001
Ca3158	315.887	{1 In2306	Cts/S	-0.0306	0.0117	38.28	-0.0223	-0.0389
Ca3181	318.128	{1 In2306	Cts/S	-0.0225	0.0099	44.15	-0.0155	-0.0295
Cd2288	228.802	{4 Y_2243	Cts/S	0.0003	0.0001	36.75	0.0002	0.0004
Co2286	228.616	{4 In2306	Cts/S	-0.0003	0.0001	26.44	-0.0003	-0.0002
Cr2677	267.716	{1 Y_3600	Cts/S	0	0	66.37	0.0001	0
Cu3247	324.754	{1 Y_3600	Cts/S	0.0011	0	0.2793	0.0011	0.0011
Fe2404	240.488	{1 In2306	Cts/S	0.0025	0.0172	680.5	-0.0096	0.0147
K_7664	766.490	{ 4 Y_3710	Cts/S	0	0.0013	4034	-0.0009	0.001
K_7698	769.896	{ 4 Y_3710	Cts/S	0.0241	0.0011	4.645	0.0233	0.0249
Li6707	670.784	{ 5 Y_3710	Cts/S	0.0047	0.0006	12.66	0.0051	0.0042
Mg2790	279.079	{1 Y_3710	Cts/S	-0.0001	0.0001	99.22	0	-0.0001
Mn2576	257.610	{1 Y_3600	Cts/S	0	0	99.86	0.0001	0
Mn2576-2	257.610	{1 Y_3710	Cts/S	-0.0002	0.0002	73.26	-0.0001	-0.0003
Mo2020	202.030	{4 Y_2243	Cts/S	0.0001	0	11.09	0.0001	0.0001
Na5895	589.592	{ 5 Y_3710	Cts/S	0.0082	0.0013	15.95	0.0091	0.0072
Na8183	818.326	{ 4 Y_3710	Cts/S	-0.0029	0.0002	7.127	-0.0027	-0.003
Ni2316	231.604	{4 In2306	Cts/S	0.0001	0	8.412	0.0001	0.0001
P_1782	178.284	{4 In2306	Cts/S	0.0002	0	13.43	0.0002	0.0002
Pb2203	220.353	{4 In2306	Cts/S	-0.0001	0	50.07	-0.0001	0
S_1820	182.034	{4 Y_2243	Cts/S	-0.0001	0.0001	81.41	0	-0.0002
Sb2068	206.833	{4 Y_2243	Cts/S	-0.0001	0.0001	71.24	-0.0001	-0.0002
Se1960	196.090	{4 Y_2243	Cts/S	0	0	7.509	0	0
Si2516	251.611	{1 Y_3710	Cts/S	0.0003	0	7.481	0.0003	0.0003
Sn1899	189.989	{4 In2306	Cts/S	0.0001	0	55.09	0.0001	0
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.0001	0.0003	559.8	0.0003	-0.0002
Ti3349	334.904	{1 Y_3600	Cts/S	0	0	755.2	0	0
Tl1908	190.856	{4 In2306	Cts/S	-0.0002	0	0.4489	-0.0002	-0.0002
V_2924	292.402	{1 Y_3600	Cts/S	0	0	163.7	0	0
Zn2062	206.200	{4 In2306	Cts/S	0.0007	0	3.382	0.0008	0.0007

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	115.68	1.4812	1.2804	116.73	114.63
In2306	230.606	{4 Cts/S	11051	8.1495	0.07375	11057	11045
Y_2243	224.306	{4 Cts/S	15073	23.446	0.15555	15089	15056
Y_3600	360.073	{ 9 Cts/S	96059	81.156	0.08449	96116	96002
Y_3710	371.030	{ 9 Cts/S	9663	9.7514	0.10091	9669.9	9656.1

[Sample Header]
Method=ICP6500Metals_TRY3(v620)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:30:32
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0078	0	0.5753	0.0078	0.0078
Al3082	308.215	{1 In2306	Cts/S	0.689	0.028	4.057	0.7088	0.6693
As1890	189.042	{4 Y_2243	Cts/S	0.0069	0	0.4429	0.0069	0.0069
B_2496	249.678	{1 Y_3710	Cts/S	0.003	0.0001	2.261	0.0031	0.003
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.3842	0.002	0.5283	0.3857	0.3828
Be3130	313.042	{1 Y_3710	Cts/S	0.1925	0.0013	0.6848	0.1934	0.1915
Ca3158	315.887	{1 In2306	Cts/S	1.987	0.0124	0.6221	1.996	1.978
Ca3181	318.128	{1 In2306	Cts/S	0.4271	0.0185	4.326	0.4402	0.4141
Cd2288	228.802	{4 Y_2243	Cts/S	0.0525	0.0002	0.4009	0.0527	0.0524
Co2286	228.616	{4 In2306	Cts/S	0.0937	0.0006	0.6412	0.0941	0.0933
Cr2677	267.716	{1 Y_3600	Cts/S	0.013	0.0001	0.8389	0.0131	0.0129
Cu3247	324.754	{1 Y_3600	Cts/S	0.026	0.0001	0.2772	0.026	0.0261
Fe2404	240.488	{1 In2306	Cts/S	1.529	0.0111	0.7263	1.537	1.521
K_7664	766.490	{ 4 Y_3710	Cts/S	0.0951	0.0013	1.338	0.096	0.0942
K_7698	769.896	{ 4 Y_3710	Cts/S	0.0652	0.0015	2.275	0.0662	0.0641
Li6707	670.784	{ 5 Y_3710	Cts/S	0.3278	0.0085	2.591	0.3338	0.3218
Mg2790	279.079	{1 Y_3710	Cts/S	0.0061	0.0003	5.299	0.0063	0.0059
Mn2576	257.610	{1 Y_3600	Cts/S	0.0864	0.0001	0.1224	0.0863	0.0865
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0226	0.0001	0.4857	0.0227	0.0225
Mo2020	202.030	{4 Y_2243	Cts/S	0.0351	0.0003	0.8211	0.0353	0.0349
Na5895	589.592	{ 5 Y_3710	Cts/S	0.2991	0.0027	0.9131	0.301	0.2972
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0073	0.0009	12.75	0.008	0.0066
Ni2316	231.604	{4 In2306	Cts/S	0.0486	0.0004	0.9114	0.0489	0.0483
P_1782	178.284	{4 In2306	Cts/S	0.0071	0.0001	1.683	0.0072	0.007
Pb2203	220.353	{4 In2306	Cts/S	0.0163	0	0.0021	0.0163	0.0163
S_1820	182.034	{4 Y_2243	Cts/S	-0.0001	0	19.52	-0.0001	-0.0001
Sb2068	206.833	{4 Y_2243	Cts/S	0.0055	0	0.4593	0.0055	0.0055
Se1960	196.090	{4 Y_2243	Cts/S	0.0043	0	0.1309	0.0043	0.0043
Si2516	251.611	{1 Y_3710	Cts/S	0.0019	0.0003	14.64	0.0017	0.0021
Sn1899	189.989	{4 In2306	Cts/S	0.025	0.0003	1.352	0.0253	0.0248
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.2298	0.0007	0.2963	0.2302	0.2293
Ti3349	334.904	{1 Y_3600	Cts/S	0.0219	0.0001	0.5217	0.0219	0.0218
Tl1908	190.856	{4 In2306	Cts/S	0.0079	0.0001	1.123	0.008	0.0078
V_2924	292.402	{1 Y_3600	Cts/S	0.0197	0.0002	0.7733	0.0198	0.0196
Zn2062	206.200	{4 In2306	Cts/S	0.1246	0.001	0.8042	0.1253	0.1238

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	113.15	1.5546	1.3739	112.05	114.25
In2306	230.606	{4 Cts/S	10914	5.2892	0.04846	10918	10910
Y_2243	224.306	{4 Cts/S	15137	15.193	0.10037	15148	15126
Y_3600	360.073	{ 9 Cts/S	96185	0.29891	0.00031	96185	96185
Y_3710	371.030	{ 9 Cts/S	9750.3	51.763	0.53089	9713.7	9786.9

[Sample Header]
Method=ICP6500Metals_TRY3(v620)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:33:06
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0157	0.0003	1.883	0.0159	0.0155
Al3082	308.215	{1 In2306	Cts/S	1.2	0.0034	0.2863	1.198	1.203
As1890	189.042	{4 Y_2243	Cts/S	0.014	0.0001	0.4157	0.0141	0.014
B_2496	249.678	{1 Y_3710	Cts/S	0.0066	0.0002	3.114	0.0067	0.0064
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.7691	0.0014	0.1853	0.7702	0.7681
Be3130	313.042	{1 Y_3710	Cts/S	0.384	0.0025	0.653	0.3822	0.3858
Ca3158	315.887	{1 In2306	Cts/S	3.995	0.0936	2.344	3.929	4.061
Ca3181	318.128	{1 In2306	Cts/S	0.9045	0.0137	1.517	0.8948	0.9142
Cd2288	228.802	{4 Y_2243	Cts/S	0.1053	0.0005	0.439	0.1056	0.105
Co2286	228.616	{4 In2306	Cts/S	0.1892	0.0011	0.5594	0.1899	0.1885
Cr2677	267.716	{1 Y_3600	Cts/S	0.026	0.0006	2.383	0.0264	0.0255
Cu3247	324.754	{1 Y_3600	Cts/S	0.0511	0.0007	1.446	0.0516	0.0506
Fe2404	240.488	{1 In2306	Cts/S	3.033	0.0203	0.6685	3.018	3.047
K_7664	766.490	{ 4 Y_3710	Cts/S	0.1931	0.0001	0.0389	0.1932	0.1931
K_7698	769.896	{ 4 Y_3710	Cts/S	0.105	0.0014	1.378	0.1039	0.106
Li6707	670.784	{ 5 Y_3710	Cts/S	0.6745	0.0016	0.2307	0.6756	0.6734
Mg2790	279.079	{1 Y_3710	Cts/S	0.0119	0	0.2156	0.0119	0.0119
Mn2576	257.610	{1 Y_3600	Cts/S	0.1723	0.0022	1.278	0.1739	0.1708
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0455	0	0.0413	0.0455	0.0454
Mo2020	202.030	{4 Y_2243	Cts/S	0.0708	0.0008	1.06	0.0713	0.0703
Na5895	589.592	{ 5 Y_3710	Cts/S	0.6001	0.0037	0.6144	0.6028	0.5975
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0234	0.0019	8.251	0.0248	0.022
Ni2316	231.604	{4 In2306	Cts/S	0.0981	0.0007	0.6895	0.0985	0.0976
P_1782	178.284	{4 In2306	Cts/S	0.0142	0.0001	0.7276	0.0143	0.0141
Pb2203	220.353	{4 In2306	Cts/S	0.0331	0.0001	0.2126	0.0332	0.0331
S_1820	182.034	{4 Y_2243	Cts/S	-0.0001	0	16.74	-0.0001	-0.0001
Sb2068	206.833	{4 Y_2243	Cts/S	0.0111	0.0001	1.265	0.0112	0.011
Se1960	196.090	{4 Y_2243	Cts/S	0.0087	0	0.1544	0.0086	0.0087
Si2516	251.611	{1 Y_3710	Cts/S	0.0033	0	1.381	0.0033	0.0033
Sn1899	189.989	{4 In2306	Cts/S	0.0506	0.0004	0.846	0.0509	0.0503
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.4635	0.0005	0.111	0.4631	0.4638
Ti3349	334.904	{1 Y_3600	Cts/S	0.0438	0.0006	1.359	0.0442	0.0433
Tl1908	190.856	{4 In2306	Cts/S	0.016	0.0001	0.5956	0.016	0.0159
V_2924	292.402	{1 Y_3600	Cts/S	0.039	0.0004	0.9577	0.0393	0.0388
Zn2062	206.200	{4 In2306	Cts/S	0.2501	0.0023	0.9288	0.2517	0.2484

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	113.4	0.9928	0.8755	114.1	112.7
In2306	230.606	{4 Cts/S	10798	14.759	0.13669	10808	10787
Y_2243	224.306	{4 Cts/S	15068	0.02213	0.00015	15068	15068
Y_3600	360.073	{ 9 Cts/S	95957	1206.5	1.2574	95103	96810
Y_3710	371.030	{ 9 Cts/S	9763.1	36.098	0.36974	9788.6	9737.6

[Sample Header]
Method=ICP6500Metals_TRY3(v620)
SampleName=CalibStd-3
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:35:37
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0313	0.0002	0.6489	0.0314	0.0312
Al3082	308.215	{1 In2306	Cts/S	2.325	0.0082	0.3509	2.319	2.331
As1890	189.042	{4 Y_2243	Cts/S	0.0282	0.0001	0.2893	0.0282	0.0281
B_2496	249.678	{1 Y_3710	Cts/S	0.0133	0	0.3044	0.0134	0.0133
Ba4554	455.403	{ 7 Y_3710	Cts/S	1.531	0.0041	0.2706	1.528	1.533
Be3130	313.042	{1 Y_3710	Cts/S	0.7804	0.0037	0.4767	0.7778	0.7831
Ca3158	315.887	{1 In2306	Cts/S	8.23	0.0158	0.1924	8.241	8.219
Ca3181	318.128	{1 In2306	Cts/S	1.896	0.0157	0.8271	1.885	1.907
Cd2288	228.802	{4 Y_2243	Cts/S	0.2104	0.0004	0.1944	0.2107	0.2102
Co2286	228.616	{4 In2306	Cts/S	0.3821	0.0011	0.2849	0.3829	0.3814
Cr2677	267.716	{1 Y_3600	Cts/S	0.0515	0.0002	0.4165	0.0517	0.0514
Cu3247	324.754	{1 Y_3600	Cts/S	0.1001	0.0001	0.1364	0.1002	0.1
Fe2404	240.488	{1 In2306	Cts/S	6.15	0.0003	0.0054	6.15	6.149
K_7664	766.490	{ 4 Y_3710	Cts/S	0.3876	0.0015	0.3865	0.3865	0.3887
K_7698	769.896	{ 4 Y_3710	Cts/S	0.1845	0.0003	0.1474	0.1843	0.1847
Li6707	670.784	{ 5 Y_3710	Cts/S	1.342	0.0003	0.0228	1.342	1.343
Mg2790	279.079	{1 Y_3710	Cts/S	0.0246	0.0003	1.369	0.0248	0.0243
Mn2576	257.610	{1 Y_3600	Cts/S	0.3417	0.0015	0.4306	0.3427	0.3407
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0913	0.0001	0.0653	0.0913	0.0914
Mo2020	202.030	{4 Y_2243	Cts/S	0.1414	0.0011	0.7482	0.1422	0.1407
Na5895	589.592	{ 5 Y_3710	Cts/S	1.184	0.0061	0.5147	1.18	1.188
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0497	0.0013	2.69	0.0507	0.0488
Ni2316	231.604	{4 In2306	Cts/S	0.1982	0.0001	0.043	0.1982	0.1981
P_1782	178.284	{4 In2306	Cts/S	0.0288	0	0.0385	0.0288	0.0288
Pb2203	220.353	{4 In2306	Cts/S	0.0664	0.0001	0.1242	0.0664	0.0663
S_1820	182.034	{4 Y_2243	Cts/S	-0.0001	0	26.89	-0.0002	-0.0001
Sb2068	206.833	{4 Y_2243	Cts/S	0.0225	0.0001	0.2565	0.0225	0.0225
Se1960	196.090	{4 Y_2243	Cts/S	0.0174	0.0001	0.413	0.0174	0.0175
Si2516	251.611	{1 Y_3710	Cts/S	0.0063	0.0004	5.635	0.006	0.0065
Sn1899	189.989	{4 In2306	Cts/S	0.1026	0	0.0342	0.1026	0.1026
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.9235	0	0.0021	0.9235	0.9235
Ti3349	334.904	{1 Y_3600	Cts/S	0.0876	0.0003	0.3203	0.0878	0.0874
Tl1908	190.856	{4 In2306	Cts/S	0.0325	0.0002	0.7108	0.0327	0.0323
V_2924	292.402	{1 Y_3600	Cts/S	0.0782	0.0003	0.4271	0.078	0.0784
Zn2062	206.200	{4 In2306	Cts/S	0.5079	0.0008	0.1489	0.5085	0.5074

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	111.6	0.22292	0.19975	111.76	111.44
In2306	230.606	{4 Cts/S	10612	6.4424	0.06071	10608	10617
Y_2243	224.306	{4 Cts/S	15035	13.919	0.09258	15025	15044
Y_3600	360.073	{ 9 Cts/S	95601	377.46	0.39483	95334	95868
Y_3710	371.030	{ 9 Cts/S	9649.3	41.613	0.43125	9678.7	9619.8

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SampleName=CalibStd-4
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:38:05
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0622	0	0.0455	0.0622	0.0622
Al3082	308.215	{1 In2306	Cts/S	4.568	0.0084	0.1847	4.574	4.562
As1890	189.042	{4 Y_2243	Cts/S	0.057	0.0002	0.2784	0.0568	0.0571
B_2496	249.678	{1 Y_3710	Cts/S	0.0261	0.0001	0.2255	0.0261	0.026
Ba4554	455.403	{ 7 Y_3710	Cts/S	3.09	0.0055	0.1794	3.086	3.094
Be3130	313.042	{1 Y_3710	Cts/S	1.574	0.0121	0.7658	1.565	1.582
Ca3158	315.887	{1 In2306	Cts/S	16.52	0.2974	1.8	16.73	16.31
Ca3181	318.128	{1 In2306	Cts/S	3.752	0.1085	2.891	3.829	3.675
Cd2288	228.802	{4 Y_2243	Cts/S	0.4232	0.0012	0.2768	0.424	0.4223
Co2286	228.616	{4 In2306	Cts/S	0.7745	0.0005	0.0709	0.7749	0.7741
Cr2677	267.716	{1 Y_3600	Cts/S	0.1037	0	0.0315	0.1037	0.1037
Cu3247	324.754	{1 Y_3600	Cts/S	0.1987	0.0004	0.1786	0.1984	0.1989
Fe2404	240.488	{1 In2306	Cts/S	12.3	0.3504	2.849	12.55	12.05
K_7664	766.490	{ 4 Y_3710	Cts/S	0.7949	0.0133	1.672	0.7855	0.8043
K_7698	769.896	{ 4 Y_3710	Cts/S	0.35	0.0021	0.6141	0.3485	0.3515
Li6707	670.784	{ 5 Y_3710	Cts/S	2.737	0.0399	1.459	2.708	2.765
Mg2790	279.079	{1 Y_3710	Cts/S	0.0496	0.0001	0.2867	0.0497	0.0495
Mn2576	257.610	{1 Y_3600	Cts/S	0.6797	0.0008	0.1191	0.6791	0.6803
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.1833	0.0004	0.2163	0.1836	0.183
Mo2020	202.030	{4 Y_2243	Cts/S	0.2821	0.0006	0.2061	0.2825	0.2816
Na5895	589.592	{ 5 Y_3710	Cts/S	2.409	0.0333	1.381	2.385	2.432
Na8183	818.326	{ 4 Y_3710	Cts/S	0.1091	0.0011	1.03	0.1099	0.1083
Ni2316	231.604	{4 In2306	Cts/S	0.4004	0.0003	0.082	0.4006	0.4002
P_1782	178.284	{4 In2306	Cts/S	0.0592	0.0001	0.1712	0.0593	0.0592
Pb2203	220.353	{4 In2306	Cts/S	0.135	0.0002	0.144	0.1349	0.1351
S_1820	182.034	{4 Y_2243	Cts/S	-0.0002	0	17.45	-0.0002	-0.0002
Sb2068	206.833	{4 Y_2243	Cts/S	0.0454	0.0001	0.2832	0.0455	0.0453
Se1960	196.090	{4 Y_2243	Cts/S	0.0352	0	0.0847	0.0352	0.0352
Si2516	251.611	{1 Y_3710	Cts/S	0.0127	0.0007	5.685	0.0122	0.0133
Sn1899	189.989	{4 In2306	Cts/S	0.208	0.0001	0.0457	0.2081	0.208
Sr4215	421.552	{ 8 Y_3710	Cts/S	1.86	0.0024	0.1286	1.858	1.861
Ti3349	334.904	{1 Y_3600	Cts/S	0.1787	0.0005	0.2871	0.1783	0.1791
Tl1908	190.856	{4 In2306	Cts/S	0.0661	0.0001	0.1133	0.0661	0.066
V_2924	292.402	{1 Y_3600	Cts/S	0.1597	0.0009	0.5778	0.1591	0.1604
Zn2062	206.200	{4 In2306	Cts/S	1.032	0.0012	0.112	1.032	1.033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	111.39	2.0212	1.8145	109.96	112.82
In2306	230.606	{4 Cts/S	10354	7.6451	0.07384	10359	10348
Y_2243	224.306	{4 Cts/S	14939	1.0953	0.00733	14940	14938
Y_3600	360.073	{ 9 Cts/S	94079	299.81	0.31867	94291	93867
Y_3710	371.030	{ 9 Cts/S	9642.8	2.5054	0.02598	9644.6	9641.1

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SampleName=CalibStd-5
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:40:31
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.1258	0	0.0177	0.1258	0.1258
Al3082	308.215	{1 In2306	Cts/S	9.032	0.0489	0.5413	8.997	9.066
As1890	189.042	{4 Y_2243	Cts/S	0.1146	0.0003	0.2482	0.1148	0.1144
B_2496	249.678	{1 Y_3710	Cts/S	0.0527	0.0005	1.039	0.0523	0.0531
Ba4554	455.403	{ 7 Y_3710	Cts/S	6.192	0.0232	0.3739	6.175	6.208
Be3130	313.042	{1 Y_3710	Cts/S	3.118	0.0068	0.2179	3.122	3.113
Ca3158	315.887	{1 In2306	Cts/S	33.54	0.0664	0.1981	33.5	33.59
Ca3181	318.128	{1 In2306	Cts/S	7.694	0.0496	0.6449	7.73	7.659
Cd2288	228.802	{4 Y_2243	Cts/S	0.8417	0.0026	0.3133	0.8436	0.8399
Co2286	228.616	{4 In2306	Cts/S	1.549	0.0022	0.1389	1.55	1.547
Cr2677	267.716	{1 Y_3600	Cts/S	0.2022	0.0011	0.5677	0.203	0.2014
Cu3247	324.754	{1 Y_3600	Cts/S	0.4019	0.0012	0.2901	0.4028	0.4011
Fe2404	240.488	{1 In2306	Cts/S	25	0.0247	0.0986	24.99	25.02
K_7664	766.490	{ 4 Y_3710	Cts/S	1.578	0.0099	0.6253	1.571	1.585
K_7698	769.896	{ 4 Y_3710	Cts/S	0.6798	0.0094	1.38	0.6731	0.6864
Li6707	670.784	{ 5 Y_3710	Cts/S	5.458	0.0627	1.148	5.413	5.502
Mg2790	279.079	{1 Y_3710	Cts/S	0.0999	0.0016	1.585	0.101	0.0987
Mn2576	257.610	{1 Y_3600	Cts/S	1.343	0.0039	0.2886	1.345	1.34
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.3676	0.0044	1.205	0.3708	0.3645
Mo2020	202.030	{4 Y_2243	Cts/S	0.5599	0.0036	0.6387	0.5625	0.5574
Na5895	589.592	{ 5 Y_3710	Cts/S	4.783	0.0374	0.7817	4.757	4.809
Na8183	818.326	{ 4 Y_3710	Cts/S	0.225	0.0002	0.1063	0.2252	0.2248
Ni2316	231.604	{4 In2306	Cts/S	0.8019	0.0034	0.42	0.8043	0.7996
P_1782	178.284	{4 In2306	Cts/S	0.1207	0.0003	0.225	0.1209	0.1205
Pb2203	220.353	{4 In2306	Cts/S	0.2677	0.0008	0.2871	0.2682	0.2671
Sb2068	206.833	{4 Y_2243	Cts/S	0.0912	0.0004	0.4479	0.0915	0.091
Se1960	196.090	{4 Y_2243	Cts/S	0.0709	0.0002	0.3319	0.0711	0.0707
Si2516	251.611	{1 Y_3710	Cts/S	0.026	0.001	4.012	0.0253	0.0267
Sn1899	189.989	{4 In2306	Cts/S	0.415	0.0002	0.0396	0.4151	0.4149
Sr4215	421.552	{ 8 Y_3710	Cts/S	3.711	0.0121	0.3257	3.702	3.719
Ti3349	334.904	{1 Y_3600	Cts/S	0.3493	0.0022	0.6162	0.3508	0.3477
Tl1908	190.856	{4 In2306	Cts/S	0.1301	0	0.0355	0.1301	0.1301
V_2924	292.402	{1 Y_3600	Cts/S	0.3123	0.0014	0.4396	0.3133	0.3114
Zn2062	206.200	{4 In2306	Cts/S	2.067	0.0038	0.1841	2.07	2.065

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	109.55	0.06469	0.05905	109.5	109.59
In2306	230.606	{4 Cts/S	10018	4.6362	0.04628	10021	10015
Y_2243	224.306	{4 Cts/S	14698	22.716	0.15455	14682	14714
Y_3600	360.073	{ 9 Cts/S	92894	88.878	0.09568	92831	92957
Y_3710	371.030	{ 9 Cts/S	9566.4	64.98	0.67926	9520.5	9612.4

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:42:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2499	0.0011	0.4524	0.2491	0.2507
Al3082	308.215	{1 In2306	ppm	2.519	0.0847	3.363	2.459	2.579
As1890	189.042	{4 Y_2243	ppm	0.4983	0.0027	0.546	0.4964	0.5002
B_2496	249.678	{1 Y_3710	ppm	0.4957	0.0052	1.052	0.492	0.4994
Ba4554	455.403	{ 7 Y_3710	ppm	0.4876	0.0015	0.2987	0.4887	0.4866
Be3130	313.042	{1 Y_3710	ppm	0.4961	0.0002	0.0473	0.4962	0.4959
Ca3158	315.887	{1 In2306	ppm	12.65	0.5502	4.349	12.26	13.04
Ca3181	318.128	{1 In2306	ppm	12.64	0.5229	4.137	12.27	13.01
Cd2288	228.802	{4 Y_2243	ppm	0.4986	0.0002	0.0388	0.4984	0.4987
Co2286	228.616	{4 In2306	ppm	0.5009	0.001	0.2009	0.5002	0.5016
Cr2677	267.716	{1 Y_3600	ppm	0.4964	0.0016	0.3152	0.4975	0.4953
Cu3247	324.754	{1 Y_3600	ppm	0.4995	0.0074	1.48	0.5048	0.4943
Fe2404	240.488	{1 In2306	ppm	2.529	0.0928	3.668	2.464	2.595
K_7664	766.490	{ 4 Y_3710	ppm	12.21	0.0646	0.5292	12.17	12.26
K_7698	769.896	{ 4 Y_3710	ppm	12.13	0.0211	0.1741	12.14	12.11
Li6707	670.784	{ 5 Y_3710	ppm	0.4835	0.0021	0.437	0.482	0.485
Mg2790	279.079	{1 Y_3710	ppm	4.967	0.0459	0.9247	4.999	4.935
Mn2576	257.610	{1 Y_3600	ppm	0.4967	0	0.0094	0.4968	0.4967
Mn2576-2	257.610	{1 Y_3710	ppm	0.4891	0.0054	1.095	0.4929	0.4854
Mo2020	202.030	{4 Y_2243	ppm	0.5148	0.0031	0.6061	0.5126	0.517
Na5895	589.592	{ 5 Y_3710	ppm	12.17	0.0732	0.6018	12.11	12.22
Na8183	818.326	{ 4 Y_3710	ppm	12.56	0.137	1.09	12.47	12.66
Ni2316	231.604	{4 In2306	ppm	0.499	0.0028	0.5586	0.497	0.501
P_1782	178.284	{4 In2306	ppm	0.0007	0.0021	281.2	-0.0007	0.0022
Pb2203	220.353	{4 In2306	ppm	0.4956	0.0035	0.7131	0.4931	0.4981
S_1820	182.034	{4 Y_2243	ppm	-336.4	0.3577	0.1063	-336.7	-336.2
Sb2068	206.833	{4 Y_2243	ppm	0.5028	0.0021	0.4236	0.5043	0.5013
Se1960	196.090	{4 Y_2243	ppm	0.51	0.0004	0.0811	0.5097	0.5103
Si2516	251.611	{1 Y_3710	ppm	0.8599	0.0107	1.244	0.8674	0.8523
Sn1899	189.989	{4 In2306	ppm	0.5091	0.0046	0.8982	0.5059	0.5124
Sr4215	421.552	{ 8 Y_3710	ppm	0.2496	0.0007	0.2785	0.2501	0.2491
Ti3349	334.904	{1 Y_3600	ppm	0.5087	0.0007	0.142	0.5082	0.5092
Tl1908	190.856	{4 In2306	ppm	0.5065	0.0012	0.2306	0.5073	0.5057
V_2924	292.402	{1 Y_3600	ppm	0.5048	0.0004	0.0769	0.505	0.5045
Zn2062	206.200	{4 In2306	ppm	0.4959	0.0027	0.5417	0.494	0.4978

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	110.59	5.1572	4.6636	114.23	106.94
In2306	230.606	{4 Cts/S	10421	10.503	0.1008	10428	10413
Y_2243	224.306	{4 Cts/S	14842	11.877	0.08002	14833	14850
Y_3600	360.073	{ 9 Cts/S	93885	267.14	0.28454	94074	93696
Y_3710	371.030	{ 9 Cts/S	9754.3	11.393	0.1168	9762.3	9746.2

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:45:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0004	7.344	0.0051	0.0046
Al3082	308.215	{1 In2306	ppm	0.0634	0.0212	33.48	0.0484	0.0784
As1890	189.042	{4 Y_2243	ppm	0.0098	0.0001	1.419	0.0097	0.0099
B_2496	249.678	{1 Y_3710	ppm	0.0111	0.0015	13.12	0.0122	0.0101
Ba4554	455.403	{ 7 Y_3710	ppm	0.0094	0.0002	1.748	0.0095	0.0093
Be3130	313.042	{1 Y_3710	ppm	0.0049	0	0.1611	0.0048	0.0049
Ca3158	315.887	{1 In2306	ppm	0.0802	0.0052	6.444	0.0766	0.0839
Ca3181	318.128	{1 In2306	ppm	0.1122	0.0539	48.03	0.1504	0.0741
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0005	9.927	0.0049	0.0057
Co2286	228.616	{4 In2306	ppm	0.01	0.0005	5.33	0.0096	0.0103
Cr2677	267.716	{1 Y_3600	ppm	0.0098	0.0001	0.6226	0.0098	0.0097
Cu3247	324.754	{1 Y_3600	ppm	0.0096	0.0003	2.951	0.0094	0.0098
Fe2404	240.488	{1 In2306	ppm	0.1141	0.0008	0.7097	0.1146	0.1135
K_7664	766.490	{ 4 Y_3710	ppm	0.5664	0.0016	0.2837	0.5675	0.5652
K_7698	769.896	{ 4 Y_3710	ppm	0.5379	0.0148	2.753	0.5274	0.5483
Li6707	670.784	{ 5 Y_3710	ppm	0.0075	0.0001	1.481	0.0075	0.0076
Mg2790	279.079	{1 Y_3710	ppm	0.1085	0.0146	13.43	0.1188	0.0982
Mn2576	257.610	{1 Y_3600	ppm	0.01	0.0001	1.254	0.0101	0.01
Mn2576-2	257.610	{1 Y_3710	ppm	0.0124	0.0008	6.258	0.0129	0.0118
Mo2020	202.030	{4 Y_2243	ppm	0.0117	0.0009	7.684	0.0111	0.0124
Na5895	589.592	{ 5 Y_3710	ppm	0.56	0.0069	1.227	0.5551	0.5648
Na8183	818.326	{ 4 Y_3710	ppm	0.2716	0.1932	71.12	0.4082	0.135
Ni2316	231.604	{4 In2306	ppm	0.0103	0.0004	4.089	0.01	0.0106
P_1782	178.284	{4 In2306	ppm	0.0078	0.0006	8.012	0.0073	0.0082
Pb2203	220.353	{4 In2306	ppm	0.0105	0.0006	5.754	0.01	0.0109
S_1820	182.034	{4 Y_2243	ppm	1.252	0.1808	14.44	1.124	1.38
Sb2068	206.833	{4 Y_2243	ppm	0.0171	0.0017	10.15	0.0159	0.0183
Se1960	196.090	{4 Y_2243	ppm	0.0098	0.0007	7.506	0.0103	0.0093
Si2516	251.611	{1 Y_3710	ppm	-0.0009	0.0066	713.3	-0.0056	0.0037
Sn1899	189.989	{4 In2306	ppm	0.0106	0.0006	5.97	0.0102	0.0111
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0.0001	1.879	0.0046	0.0047
Ti3349	334.904	{1 Y_3600	ppm	0.0105	0.0002	1.531	0.0106	0.0104
Tl1908	190.856	{4 In2306	ppm	0.0125	0.0016	13.12	0.0114	0.0137
V_2924	292.402	{1 Y_3600	ppm	0.0097	0.0001	1.365	0.0097	0.0096
Zn2062	206.200	{4 In2306	ppm	0.0097	0.0004	4.081	0.0094	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	114.99	1.2679	1.1026	115.88	114.09
In2306	230.606	{4 Cts/S	11046	1.9372	0.01754	11044	11047
Y_2243	224.306	{4 Cts/S	15070	11.626	0.07715	15061	15078
Y_3600	360.073	{ 9 Cts/S	96944	224.37	0.23144	97103	96785
Y_3710	371.030	{ 9 Cts/S	9830.7	4.441	0.04517	9833.9	9827.6

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:48:15
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0002	3015	-0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	-0.001	0.0226	2204	-0.017	0.015
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0006	340.5	-0.0006	0.0002
B_2496	249.678	{1 Y_3710	ppm	0.0036	0.0063	174.6	-0.0009	0.0081
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0.0001	53.76	-0.0001	-0.0003
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	59.95	-0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0147	0.0082	55.61	-0.0089	-0.0205
Ca3181	318.128	{1 In2306	ppm	-0.053	0.0113	21.27	-0.061	-0.045
Cd2288	228.802	{4 Y_2243	ppm	0	0	1352	0	0
Co2286	228.616	{4 In2306	ppm	0.0001	0.0002	175.5	0	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0001	0.0002	177	0	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	-0.0001	0.0003	189	-0.0003	0
Fe2404	240.488	{1 In2306	ppm	0.0037	0.0038	102.5	0.001	0.0064
K_7664	766.490	{ 4 Y_3710	ppm	-0.0157	0.0175	111.4	-0.0281	-0.0033
K_7698	769.896	{ 4 Y_3710	ppm	-0.041	0.0299	72.9	-0.0199	-0.0622
Li6707	670.784	{ 5 Y_3710	ppm	-0.0008	0.0001	10.64	-0.0007	-0.0008
Mg2790	279.079	{1 Y_3710	ppm	0.0138	0.0448	325.6	-0.0179	0.0454
Mn2576	257.610	{1 Y_3600	ppm	0	0.0001	153.2	0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0013	0.0002	15.94	0.0014	0.0011
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0	6.544	0.0002	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	-0.0137	0.0093	68.13	-0.0071	-0.0202
Na8183	818.326	{ 4 Y_3710	ppm	0.0655	0.0751	114.5	0.1186	0.0125
Ni2316	231.604	{4 In2306	ppm	0.0003	0	7.132	0.0003	0.0003
P_1782	178.284	{4 In2306	ppm	-0.0005	0.0005	96.97	-0.0001	-0.0008
Pb2203	220.353	{4 In2306	ppm	-0.0002	0.0008	326.4	0.0003	-0.0008
S_1820	182.034	{4 Y_2243	ppm	1.815	0.538	29.63	1.435	2.196
Sb2068	206.833	{4 Y_2243	ppm	0.0049	0.0002	4.621	0.0047	0.005
Se1960	196.090	{4 Y_2243	ppm	0.0001	0.0006	467	0.0006	-0.0003
Si2516	251.611	{1 Y_3710	ppm	-0.0196	0.0048	24.41	-0.0229	-0.0162
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0003	159.9	0	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0002	838.4	-0.0001	0.0001
Ti3349	334.904	{1 Y_3600	ppm	0.0004	0.0001	21.39	0.0004	0.0003
Tl1908	190.856	{4 In2306	ppm	0.0001	0.0008	980.4	-0.0005	0.0006
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0001	31.71	-0.0002	-0.0003
Zn2062	206.200	{4 In2306	ppm	-0.0001	0	52.19	0	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	114.46	5.1955	4.539	110.79	118.14
In2306	230.606	{4 Cts/S	11006	63.657	0.57837	10961	11051
Y_2243	224.306	{4 Cts/S	14900	70.021	0.46993	14851	14950
Y_3600	360.073	{ 9 Cts/S	96982	349.06	0.35992	96735	97229
Y_3710	371.030	{ 9 Cts/S	9737.1	4.4597	0.0458	9740.2	9733.9

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:50:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0.0002	65.95	-0.0004	-0.0002
Al3082	308.215	{1 In2306	ppm	534.3	4.531	0.848	537.5	531.1
As1890	189.042	{4 Y_2243	ppm	0.0009	0.0009	105.5	0.0016	0.0002
B_2496	249.678	{1 Y_3710	ppm	0.0067	0.0021	31.37	0.0052	0.0082
Ba4554	455.403	{ 7 Y_3710	ppm	0.0007	0.0002	26.5	0.0009	0.0006
Be3130	313.042	{1 Y_3710	ppm	-0.0002	0	12.63	-0.0002	-0.0002
Ca3158	315.887	{1 In2306	ppm	507	5.104	1.007	510.6	503.4
Ca3181	318.128	{1 In2306	ppm	509.4	5.986	1.175	513.7	505.2
Cd2288	228.802	{4 Y_2243	ppm	0	0	51.88	0	0
Co2286	228.616	{4 In2306	ppm	0.0006	0	6.331	0.0006	0.0006
Cr2677	267.716	{1 Y_3600	ppm	0.0021	0.0002	10.86	0.0019	0.0023
Cu3247	324.754	{1 Y_3600	ppm	0.0031	0	0.297	0.0031	0.0031
Fe2404	240.488	{1 In2306	ppm	199.9	1.975	0.9878	201.3	198.5
K_7664	766.490	{ 4 Y_3710	ppm	0.037	0.0062	16.84	0.0326	0.0414
K_7698	769.896	{ 4 Y_3710	ppm	-0.1059	0.0263	24.82	-0.1244	-0.0873
Li6707	670.784	{ 5 Y_3710	ppm	0.0093	0.0007	7.108	0.0088	0.0098
Mg2790	279.079	{1 Y_3710	ppm	567.2	2.852	0.5028	569.3	565.2
Mn2576	257.610	{1 Y_3600	ppm	-0.0052	0.0001	1.041	-0.0052	-0.0053
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0053	0.0006	12.14	-0.0057	-0.0048
Mo2020	202.030	{4 Y_2243	ppm	-0.0006	0	3.69	-0.0005	-0.0006
Na5895	589.592	{ 5 Y_3710	ppm	0.0064	0.0027	42.48	0.0083	0.0045
Na8183	818.326	{ 4 Y_3710	ppm	0.5621	0.0647	11.51	0.5163	0.6079
Ni2316	231.604	{4 In2306	ppm	0.0062	0.0002	3.371	0.0061	0.0064
P_1782	178.284	{4 In2306	ppm	0.0017	0.0005	29.93	0.002	0.0013
Pb2203	220.353	{4 In2306	ppm	-0.0011	0.0049	443.1	-0.0046	0.0024
S_1820	182.034	{4 Y_2243	ppm	47.5	1.497	3.151	46.44	48.56
Sb2068	206.833	{4 Y_2243	ppm	-0.0074	0.0034	46.11	-0.005	-0.0099
Se1960	196.090	{4 Y_2243	ppm	0.003	0.0042	139.2	0.006	0
Si2516	251.611	{1 Y_3710	ppm	-0.0206	0.0122	59.35	-0.012	-0.0293
Sn1899	189.989	{4 In2306	ppm	0.0018	0.0001	5.842	0.0017	0.0019
Sr4215	421.552	{ 8 Y_3710	ppm	0.0024	0.0001	4.489	0.0023	0.0025
Ti3349	334.904	{1 Y_3600	ppm	0.0023	0.0004	17.04	0.0026	0.002
Tl1908	190.856	{4 In2306	ppm	-0.002	0.0009	46.25	-0.0013	-0.0027
V_2924	292.402	{1 Y_3600	ppm	-0.0048	0.0008	17.85	-0.0054	-0.0042
Zn2062	206.200	{4 In2306	ppm	0.0047	0.0007	13.75	0.0043	0.0052

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	101.38	0.86131	0.8496	100.77	101.99
In2306	230.606	{4 Cts/S	8020.9	152.49	1.9011	8128.7	7913
Y_2243	224.306	{4 Cts/S	12988	243.56	1.8753	13160	12815
Y_3600	360.073	{ 9 Cts/S	82595	942.43	1.141	83261	81928
Y_3710	371.030	{ 9 Cts/S	8576.6	16.959	0.19773	8564.6	8588.6

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:53:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5483	0.0027	0.4871	0.5502	0.5464
Al3082	308.215	{1 In2306	ppm	539.6	1.994	0.3695	538.2	541
As1890	189.042	{4 Y_2243	ppm	1.022	0.0057	0.5566	1.026	1.018
B_2496	249.678	{1 Y_3710	ppm	1.059	0.0149	1.409	1.049	1.07
Ba4554	455.403	{ 7 Y_3710	ppm	1.093	0.008	0.7275	1.087	1.099
Be3130	313.042	{1 Y_3710	ppm	0.5194	0.0021	0.3989	0.5209	0.5179
Ca3158	315.887	{1 In2306	ppm	512.9	1.059	0.2065	512.2	513.7
Ca3181	318.128	{1 In2306	ppm	514.7	0.0687	0.0133	514.7	514.8
Cd2288	228.802	{4 Y_2243	ppm	0.5171	0.0003	0.0518	0.5169	0.5173
Co2286	228.616	{4 In2306	ppm	0.9995	0.0002	0.0246	0.9997	0.9993
Cr2677	267.716	{1 Y_3600	ppm	0.9184	0.0011	0.1241	0.9192	0.9176
Cu3247	324.754	{1 Y_3600	ppm	1.042	0.0016	0.1564	1.041	1.043
Fe2404	240.488	{1 In2306	ppm	206.2	0.3169	0.1537	206	206.4
K_7664	766.490	{ 4 Y_3710	ppm	11.35	0.0131	0.1152	11.34	11.36
K_7698	769.896	{ 4 Y_3710	ppm	11.31	0.0264	0.2332	11.29	11.32
Li6707	670.784	{ 5 Y_3710	ppm	1.119	0.0108	0.9662	1.111	1.126
Mg2790	279.079	{1 Y_3710	ppm	571.5	6.274	1.098	576	567.1
Mn2576	257.610	{1 Y_3600	ppm	0.9217	0.0006	0.0703	0.9213	0.9222
Mn2576-2	257.610	{1 Y_3710	ppm	1.015	0.0057	0.5619	1.019	1.011
Mo2020	202.030	{4 Y_2243	ppm	0.9432	0.0031	0.3247	0.9454	0.941
Na5895	589.592	{ 5 Y_3710	ppm	11.11	0.0606	0.5453	11.06	11.15
Na8183	818.326	{ 4 Y_3710	ppm	11.93	0.1639	1.375	12.04	11.81
Ni2316	231.604	{4 In2306	ppm	0.9995	0.0021	0.2096	1.001	0.998
P_1782	178.284	{4 In2306	ppm	1.115	0.0015	0.1324	1.116	1.114
Pb2203	220.353	{4 In2306	ppm	0.9714	0.0026	0.2715	0.9733	0.9696
S_1820	182.034	{4 Y_2243	ppm	47.21	1.842	3.903	48.51	45.91
Sb2068	206.833	{4 Y_2243	ppm	0.9917	0.0064	0.6484	0.9962	0.9871
Se1960	196.090	{4 Y_2243	ppm	1.017	0.0048	0.468	1.02	1.014
Si2516	251.611	{1 Y_3710	ppm	0.905	0.0129	1.427	0.9141	0.8958
Sn1899	189.989	{4 In2306	ppm	0.9894	0.0015	0.1468	0.9904	0.9884
Sr4215	421.552	{ 8 Y_3710	ppm	0.5433	0.0034	0.6176	0.541	0.5457
Ti3349	334.904	{1 Y_3600	ppm	0.9438	0.0012	0.1284	0.9446	0.9429
Tl1908	190.856	{4 In2306	ppm	0.9269	0.0003	0.0351	0.9267	0.9271
V_2924	292.402	{1 Y_3600	ppm	0.9234	0.0005	0.0493	0.9237	0.923
Zn2062	206.200	{4 In2306	ppm	1.003	0.0006	0.062	1.003	1.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	101.39	0.03955	0.03901	101.41	101.36
In2306	230.606	{4 Cts/S	8038	6.0689	0.0755	8042.3	8033.7
Y_2243	224.306	{4 Cts/S	13062	0.18577	0.00142	13062	13062
Y_3600	360.073	{ 9 Cts/S	82713	114.61	0.13856	82794	82632
Y_3710	371.030	{ 9 Cts/S	8538.6	43.226	0.50624	8508	8569.2

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 8:55:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2409	0.0015	0.6327	0.2399	0.242
Al3082	308.215	{1 In2306	ppm	2.427	0.016	0.6583	2.416	2.438
As1890	189.042	{4 Y_2243	ppm	0.4922	0.0014	0.2906	0.4912	0.4932
B_2496	249.678	{1 Y_3710	ppm	0.4756	0.0009	0.185	0.475	0.4762
Ba4554	455.403	{ 7 Y_3710	ppm	0.4809	0.0017	0.3595	0.4821	0.4797
Be3130	313.042	{1 Y_3710	ppm	0.4849	0.0014	0.2806	0.4858	0.4839
Ca3158	315.887	{1 In2306	ppm	12.12	0.1027	0.8471	12.2	12.05
Ca3181	318.128	{1 In2306	ppm	12.14	0.1532	1.262	12.25	12.03
Cd2288	228.802	{4 Y_2243	ppm	0.4902	0.0008	0.1619	0.4897	0.4908
Co2286	228.616	{4 In2306	ppm	0.4857	0.0001	0.0285	0.4856	0.4858
Cr2677	267.716	{1 Y_3600	ppm	0.4807	0.0023	0.4858	0.4824	0.4791
Cu3247	324.754	{1 Y_3600	ppm	0.4849	0.0013	0.2611	0.484	0.4857
Fe2404	240.488	{1 In2306	ppm	2.448	0.0097	0.3949	2.455	2.441
K_7664	766.490	{ 4 Y_3710	ppm	12.37	0.0328	0.2652	12.39	12.35
K_7698	769.896	{ 4 Y_3710	ppm	12.29	0.033	0.2685	12.31	12.26
Li6707	670.784	{ 5 Y_3710	ppm	0.4899	0.0013	0.2661	0.4908	0.4889
Mg2790	279.079	{1 Y_3710	ppm	4.783	0.0434	0.9076	4.752	4.814
Mn2576	257.610	{1 Y_3600	ppm	0.4801	0.0003	0.0666	0.4804	0.4799
Mn2576-2	257.610	{1 Y_3710	ppm	0.4723	0.0009	0.1802	0.4717	0.4729
Mo2020	202.030	{4 Y_2243	ppm	0.5034	0.0004	0.0712	0.5031	0.5036
Na5895	589.592	{ 5 Y_3710	ppm	12.29	0.0475	0.3863	12.33	12.26
Na8183	818.326	{ 4 Y_3710	ppm	12.73	0.029	0.2275	12.75	12.71
Ni2316	231.604	{4 In2306	ppm	0.4858	0.001	0.2154	0.485	0.4865
P_1782	178.284	{4 In2306	ppm	-0.0011	0.0006	52.33	-0.0007	-0.0015
Pb2203	220.353	{4 In2306	ppm	0.4841	0.0002	0.04	0.484	0.4843
S_1820	182.034	{4 Y_2243	ppm	-335	1.725	0.515	-333.8	-336.2
Sb2068	206.833	{4 Y_2243	ppm	0.5065	0.0019	0.3685	0.5078	0.5052
Se1960	196.090	{4 Y_2243	ppm	0.5029	0.0022	0.4373	0.5013	0.5044
Si2516	251.611	{1 Y_3710	ppm	0.8104	0.0334	4.125	0.7868	0.8341
Sn1899	189.989	{4 In2306	ppm	0.4834	0.0003	0.0631	0.4832	0.4836
Sr4215	421.552	{ 8 Y_3710	ppm	0.2455	0.0007	0.2874	0.246	0.245
Ti3349	334.904	{1 Y_3600	ppm	0.4853	0.0025	0.5115	0.4871	0.4836
Tl1908	190.856	{4 In2306	ppm	0.4926	0.0007	0.1339	0.4921	0.4931
V_2924	292.402	{1 Y_3600	ppm	0.4851	0.0003	0.0706	0.4849	0.4854
Zn2062	206.200	{4 In2306	ppm	0.4779	0.0004	0.0835	0.4776	0.4781

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	109.44	1.4326	1.309	108.42	110.45
In2306	230.606	{4 Cts/S	10448	12.736	0.12191	10457	10439
Y_2243	224.306	{4 Cts/S	14751	26.05	0.1766	14769	14732
Y_3600	360.073	{ 9 Cts/S	95095	1.6247	0.00171	95094	95096
Y_3710	371.030	{ 9 Cts/S	9601.4	52.794	0.54985	9564.1	9638.7

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Custom ID1=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0048	0.0001	2.763	0.0047	0.0049
Al3082	308.215	{1 In2306	ppm	0.0531	0.0068	12.85	0.0483	0.0579
As1890	189.042	{4 Y_2243	ppm	0.0103	0.0005	5.333	0.0099	0.0107
B_2496	249.678	{1 Y_3710	ppm	0.0089	0.0104	116.6	0.0162	0.0016
Ba4554	455.403	{ 7 Y_3710	ppm	0.0091	0.001	10.61	0.0097	0.0084
Be3130	313.042	{1 Y_3710	ppm	0.0044	0.0003	5.899	0.0046	0.0042
Ca3158	315.887	{1 In2306	ppm	0.0739	0.002	2.653	0.0753	0.0725
Ca3181	318.128	{1 In2306	ppm	0.1136	0.0134	11.81	0.1041	0.1231
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0004	8.14	0.005	0.0056
Co2286	228.616	{4 In2306	ppm	0.01	0.0004	4.219	0.0097	0.0103
Cr2677	267.716	{1 Y_3600	ppm	0.01	0.0003	2.766	0.0101	0.0098
Cu3247	324.754	{1 Y_3600	ppm	0.0106	0.001	9.5	0.0113	0.0098
Fe2404	240.488	{1 In2306	ppm	0.094	0.0271	28.82	0.1131	0.0748
K_7664	766.490	{ 4 Y_3710	ppm	0.5531	0.0294	5.311	0.5739	0.5323
K_7698	769.896	{ 4 Y_3710	ppm	0.5167	0.0877	16.98	0.5788	0.4547
Li6707	670.784	{ 5 Y_3710	ppm	0.0074	0.0008	10.19	0.008	0.0069
Mg2790	279.079	{1 Y_3710	ppm	0.0798	0.0024	3.067	0.0781	0.0815
Mn2576	257.610	{1 Y_3600	ppm	0.0103	0.0005	5.346	0.0107	0.0099
Mn2576-2	257.610	{1 Y_3710	ppm	0.0113	0.0005	4.615	0.0109	0.0116
Mo2020	202.030	{4 Y_2243	ppm	0.0117	0.0008	6.835	0.0112	0.0123
Na5895	589.592	{ 5 Y_3710	ppm	0.5467	0.0356	6.517	0.5719	0.5215
Na8183	818.326	{ 4 Y_3710	ppm	0.4568	0.0231	5.067	0.4405	0.4732
Ni2316	231.604	{4 In2306	ppm	0.0103	0.0003	3.065	0.0101	0.0106
P_1782	178.284	{4 In2306	ppm	0.0078	0.0001	1.683	0.0079	0.0077
Pb2203	220.353	{4 In2306	ppm	0.0099	0.001	9.63	0.0106	0.0092
S_1820	182.034	{4 Y_2243	ppm	1.007	0.4514	44.82	0.688	1.326
Sb2068	206.833	{4 Y_2243	ppm	0.0172	0.0017	9.656	0.016	0.0183
Se1960	196.090	{4 Y_2243	ppm	0.0099	0.0011	10.99	0.0107	0.0091
Si2516	251.611	{1 Y_3710	ppm	-0.0028	0.0002	8.213	-0.003	-0.0027
Sn1899	189.989	{4 In2306	ppm	0.0109	0.0004	3.294	0.0106	0.0111
Sr4215	421.552	{ 8 Y_3710	ppm	0.0045	0.0004	8.6	0.0048	0.0042
Ti3349	334.904	{1 Y_3600	ppm	0.0096	0.0004	4.07	0.0098	0.0093
Tl1908	190.856	{4 In2306	ppm	0.01	0.0003	2.973	0.0097	0.0102
V_2924	292.402	{1 Y_3600	ppm	0.0099	0.0002	2.259	0.01	0.0097
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0005	5.661	0.0092	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	112.07	6.4362	5.7432	107.51	116.62
In2306	230.606	{4 Cts/S	11015	16.976	0.15412	11027	11003
Y_2243	224.306	{4 Cts/S	14938	37.208	0.24908	14965	14912
Y_3600	360.073	{ 9 Cts/S	95705	3184.6	3.3275	93453	97957
Y_3710	371.030	{ 9 Cts/S	10035	443.38	4.4182	9721.8	10349

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0005	623.3	-0.0003	0.0004
Al3082	308.215	{1 In2306	ppm	-0.0123	0.0058	47.23	-0.0082	-0.0164
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0005	192.7	-0.0006	0.0001
B_2496	249.678	{1 Y_3710	ppm	0.0014	0.0058	410.4	-0.0027	0.0055
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0001	0.0003	404.1	-0.0003	0.0001
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	1044	0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0123	0.009	73.34	-0.0187	-0.0059
Ca3181	318.128	{1 In2306	ppm	0.0064	0.0396	615	0.0344	-0.0215
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	31.31	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0001	0.0002	185.8	0.0003	0
Cr2677	267.716	{1 Y_3600	ppm	0.0002	0.0002	110.5	0	0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0002	85.56	0.0003	0.0001
Fe2404	240.488	{1 In2306	ppm	0.0001	0.0189	15160	0.0135	-0.0132
K_7664	766.490	{ 4 Y_3710	ppm	-0.0153	0.0137	89.67	-0.0056	-0.025
K_7698	769.896	{ 4 Y_3710	ppm	-0.0186	0.0617	332.7	-0.0622	0.0251
Li6707	670.784	{ 5 Y_3710	ppm	-0.0011	0.0003	25.67	-0.0012	-0.0009
Mg2790	279.079	{1 Y_3710	ppm	0.0164	0.0005	2.834	0.0161	0.0167
Mn2576	257.610	{1 Y_3600	ppm	0	0	75.63	0	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0013	0.0009	65.78	0.0019	0.0007
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	71.78	0.0001	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	-0.0066	0.001	15.25	-0.0059	-0.0073
Na8183	818.326	{ 4 Y_3710	ppm	-0.3506	0.0413	11.79	-0.3798	-0.3213
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0001	42.67	0.0001	0.0002
P_1782	178.284	{4 In2306	ppm	-0.0002	0.0003	134.2	0	-0.0004
Pb2203	220.353	{4 In2306	ppm	-0.0012	0.0004	34.27	-0.0015	-0.0009
S_1820	182.034	{4 Y_2243	ppm	1.219	0.7285	59.78	0.7035	1.734
Sb2068	206.833	{4 Y_2243	ppm	0.0042	0.0011	27	0.005	0.0034
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0013	157.6	-0.0017	0.0001
Si2516	251.611	{1 Y_3710	ppm	-0.0072	0.0048	66.95	-0.0106	-0.0038
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0002	64.86	0.0002	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	0	0	149.1	0.0001	0
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0.0002	76.4	0.0001	0.0003
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0003	59.3	-0.0006	-0.0002
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0	31.82	-0.0002	-0.0001
Zn2062	206.200	{4 In2306	ppm	-0.0001	0.0001	135.1	-0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	108.75	2.0575	1.892	110.2	107.29
In2306	230.606	{4 Cts/S	11010	43.231	0.39266	11040	10979
Y_2243	224.306	{4 Cts/S	14782	55.221	0.37356	14822	14743
Y_3600	360.073	{ 9 Cts/S	98249	99.469	0.10124	98319	98179
Y_3710	371.030	{ 9 Cts/S	9701.9	9.8015	0.10103	9695	9708.9

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0003	1568	-0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	-0.0074	0.0137	184.5	0.0023	-0.0171
As1890	189.042	{4 Y_2243	ppm	0.0006	0.0004	64.59	0.0009	0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.0037	0.0037	99.39	-0.0011	-0.0064
Ba4554	455.403	{ 7 Y_3710	ppm	0.0006	0.0001	21.25	0.0005	0.0007
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	64.6	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0117	0.0111	95.52	-0.0038	-0.0195
Ca3181	318.128	{1 In2306	ppm	0.0088	0.0192	218.5	0.0223	-0.0048
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	85.83	0.0001	0
Co2286	228.616	{4 In2306	ppm	0	0	98.83	0	-0.0001
Cr2677	267.716	{1 Y_3600	ppm	0.0001	0.0003	585	-0.0002	0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0011	0.0001	5.99	0.001	0.0011
Fe2404	240.488	{1 In2306	ppm	0.0126	0.0052	41.04	0.0163	0.009
K_7664	766.490	{ 4 Y_3710	ppm	0.0091	0.0031	34.5	0.0113	0.0069
K_7698	769.896	{ 4 Y_3710	ppm	-0.1587	0.0576	36.27	-0.118	-0.1995
Li6707	670.784	{ 5 Y_3710	ppm	-0.002	0.0002	11.27	-0.0022	-0.0018
Mg2790	279.079	{1 Y_3710	ppm	0.009	0.0125	139.5	0.0178	0.0001
Mn2576	257.610	{1 Y_3600	ppm	0.0004	0	4.001	0.0004	0.0004
Mn2576-2	257.610	{1 Y_3710	ppm	0.0022	0.0001	5.127	0.0023	0.0021
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	40.56	0.0002	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.0097	0.0021	21.24	0.0111	0.0082
Na8183	818.326	{ 4 Y_3710	ppm	-0.1726	0.1247	72.27	-0.0844	-0.2608
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0001	35.16	0.0001	0.0002
P_1782	178.284	{4 In2306	ppm	0.0225	0.0006	2.742	0.0221	0.0229
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0004	49.07	0.001	0.0005
S_1820	182.034	{4 Y_2243	ppm	-2.297	0.1113	4.846	-2.376	-2.219
Sb2068	206.833	{4 Y_2243	ppm	0.0024	0.0005	20.84	0.0021	0.0028
Se1960	196.090	{4 Y_2243	ppm	-0.0016	0.0021	134	-0.0001	-0.003
Si2516	251.611	{1 Y_3710	ppm	-0.0074	0.0269	361.6	-0.0265	0.0116
Sn1899	189.989	{4 In2306	ppm	0.0284	0.0002	0.5981	0.0285	0.0283
Sr4215	421.552	{ 8 Y_3710	ppm	0	0	66.05	0.0001	0
Ti3349	334.904	{1 Y_3600	ppm	0	0.0001	600.6	0.0001	-0.0001
Tl1908	190.856	{4 In2306	ppm	-0.0003	0.0009	296.4	0.0003	-0.0009
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0	39.86	-0.0001	-0.0001
Zn2062	206.200	{4 In2306	ppm	0.0031	0.0001	1.715	0.0031	0.0032

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	105.5	0.59778	0.56664	105.07	105.92
In2306	230.606	{4 Cts/S	11015	3.2986	0.02995	11017	11012
Y_2243	224.306	{4 Cts/S	14747	26.537	0.17995	14765	14728
Y_3600	360.073	{ 9 Cts/S	100430	2.0869	0.00208	100440	100430
Y_3710	371.030	{ 9 Cts/S	9606.4	20.968	0.21827	9591.6	9621.2

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4578	0.0001	0.0181	0.4579	0.4577
Al3082	308.215	{1 In2306	ppm	83.61	1.31	1.567	84.54	82.68
As1890	189.042	{4 Y_2243	ppm	1.399	0.0005	0.0349	1.398	1.399
B_2496	249.678	{1 Y_3710	ppm	0.8594	0.0074	0.8628	0.8542	0.8647
Ba4554	455.403	{ 7 Y_3710	ppm	2.488	0.0028	0.1119	2.486	2.49
Be3130	313.042	{1 Y_3710	ppm	1.475	0.0035	0.2394	1.478	1.473
Ca3158	315.887	{1 In2306	ppm	98.82	2.44	2.47	100.5	97.09
Ca3181	318.128	{1 In2306	ppm	97.08	2.465	2.539	98.83	95.34
Cd2288	228.802	{4 Y_2243	ppm	0.737	0.0015	0.2103	0.7381	0.7359
Co2286	228.616	{4 In2306	ppm	1.466	0.0064	0.4335	1.47	1.461
Cr2677	267.716	{1 Y_3600	ppm	0.9343	0.0019	0.2035	0.933	0.9357
Cu3247	324.754	{1 Y_3600	ppm	1.084	0.0019	0.1739	1.086	1.083
Fe2404	240.488	{1 In2306	ppm	170	4.162	2.447	173	167.1
K_7664	766.490	{ 4 Y_3710	ppm	45.53	0.2081	0.4572	45.38	45.68
K_7698	769.896	{ 4 Y_3710	ppm	45.93	0.1564	0.3405	45.82	46.04
Li6707	670.784	{ 5 Y_3710	ppm	0.0854	0.0007	0.8344	0.0849	0.0859
Mg2790	279.079	{1 Y_3710	ppm	36.77	0.2645	0.7194	36.96	36.58
Mn2576	257.610	{1 Y_3600	ppm	4.73	0.0114	0.2417	4.738	4.722
Mn2576-2	257.610	{1 Y_3710	ppm	5.05	0.0177	0.3511	5.063	5.038
Mo2020	202.030	{4 Y_2243	ppm	0.9659	0.0034	0.3568	0.9684	0.9635
Na5895	589.592	{ 5 Y_3710	ppm	6.202	0.0442	0.7129	6.171	6.233
Na8183	818.326	{ 4 Y_3710	ppm	6.607	0.042	0.6352	6.577	6.637
Ni2316	231.604	{4 In2306	ppm	1.411	0.0058	0.4095	1.415	1.407
P_1782	178.284	{4 In2306	ppm	8.359	0.0206	0.2467	8.373	8.344
Pb2203	220.353	{4 In2306	ppm	1.423	0.0113	0.7941	1.431	1.415
S_1820	182.034	{4 Y_2243	ppm	-1528	3.395	0.2221	-1531	-1526
Sb2068	206.833	{4 Y_2243	ppm	0.791	0.0047	0.5883	0.7943	0.7877
Se1960	196.090	{4 Y_2243	ppm	2.056	0.0067	0.3256	2.061	2.051
Si2516	251.611	{1 Y_3710	ppm	10.79	0.0498	0.462	10.82	10.75
Sn1899	189.989	{4 In2306	ppm	1.539	0.0073	0.4735	1.544	1.533
Sr4215	421.552	{ 8 Y_3710	ppm	2.417	0.0014	0.0584	2.416	2.418
Ti3349	334.904	{1 Y_3600	ppm	3.489	0.0055	0.1571	3.485	3.493
Tl1908	190.856	{4 In2306	ppm	1.558	0.0086	0.5535	1.564	1.552
V_2924	292.402	{1 Y_3600	ppm	0.5661	0.0018	0.3191	0.5673	0.5648
Zn2062	206.200	{4 In2306	ppm	2.201	0.0099	0.449	2.208	2.194

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	100.43	2.0306	2.0219	98.995	101.87
In2306	230.606	{4 Cts/S	9384.4	9.6236	0.10255	9391.2	9377.6
Y_2243	224.306	{4 Cts/S	14320	24.241	0.16929	14337	14303
Y_3600	360.073	{ 9 Cts/S	96754	49.659	0.05133	96789	96718
Y_3710	371.030	{ 9 Cts/S	9555.4	29.3	0.30663	9534.7	9576.1

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0018	0.0002	13.58	-0.0016	-0.002
Al3082	308.215	{1 In2306	ppm	189	0.5684	0.3007	188.6	189.4
As1890	189.042	{4 Y_2243	ppm	0.2147	0.0021	0.9943	0.2132	0.2162
B_2496	249.678	{1 Y_3710	ppm	0.0712	0.0054	7.643	0.075	0.0674
Ba4554	455.403	{ 7 Y_3710	ppm	1.773	0.0093	0.5254	1.766	1.779
Be3130	313.042	{1 Y_3710	ppm	0.0136	0.0002	1.13	0.0137	0.0135
Ca3158	315.887	{1 In2306	ppm	2345	20.15	0.8591	2360	2331
Ca3181	318.128	{1 In2306	ppm	2530	30.26	1.196	2551	2508
Cd2288	228.802	{4 Y_2243	ppm	0.0067	0.0021	31.71	0.0052	0.0082
Co2286	228.616	{4 In2306	ppm	0.1222	0.0045	3.677	0.119	0.1254
Cr2677	267.716	{1 Y_3600	ppm	0.1597	0.0003	0.1605	0.1599	0.1595
Cu3247	324.754	{1 Y_3600	ppm	0.2395	0.0006	0.2608	0.24	0.2391
Fe2404	240.488	{1 In2306	ppm	333.5	3.91	1.172	336.2	330.7
K_7664	766.490	{ 4 Y_3710	ppm	31.93	0.2847	0.8917	31.73	32.13
K_7698	769.896	{ 4 Y_3710	ppm	32.75	0.2362	0.7214	32.58	32.92
Li6707	670.784	{ 5 Y_3710	ppm	0.1256	0.0005	0.3884	0.1252	0.1259
Mg2790	279.079	{1 Y_3710	ppm	32.7	0.4964	1.518	33.05	32.35
Mn2576	257.610	{1 Y_3600	ppm	9.884	0.0348	0.3524	9.908	9.859
Mn2576-2	257.610	{1 Y_3710	ppm	12.51	0.0561	0.4484	12.55	12.47
Mo2020	202.030	{4 Y_2243	ppm	0.009	0.004	44.15	0.0062	0.0118
Na5895	589.592	{ 5 Y_3710	ppm	1.162	0.0075	0.6463	1.156	1.167
Na8183	818.326	{ 4 Y_3710	ppm	1.674	0.212	12.67	1.524	1.824
Ni2316	231.604	{4 In2306	ppm	0.4205	0.001	0.2342	0.4198	0.4212
P_1782	178.284	{4 In2306	ppm	10.17	0.0455	0.4471	10.2	10.14
Pb2203	220.353	{4 In2306	ppm	0.4472	0.0003	0.0767	0.4474	0.447
S_1820	182.034	{4 Y_2243	ppm	-2601	22.77	0.8756	-2617	-2585
Sb2068	206.833	{4 Y_2243	ppm	0.0142	0.0051	36.24	0.0105	0.0178
Se1960	196.090	{4 Y_2243	ppm	0.0184	0.003	16.56	0.0162	0.0205
Si2516	251.611	{1 Y_3710	ppm	17.62	0.0968	0.5493	17.69	17.55
Sn1899	189.989	{4 In2306	ppm	0.0487	0.007	14.37	0.0438	0.0537
Sr4215	421.552	{ 8 Y_3710	ppm	4.344	0.0155	0.3578	4.333	4.355
Ti3349	334.904	{1 Y_3600	ppm	0.3075	0.0006	0.1898	0.307	0.3079
Tl1908	190.856	{4 In2306	ppm	-0.013	0.0067	51.93	-0.0178	-0.0082
V_2924	292.402	{1 Y_3600	ppm	0.6229	0.006	0.9698	0.6186	0.6272
Zn2062	206.200	{4 In2306	ppm	1.464	0.0037	0.2552	1.467	1.462

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	91.573	0.51977	0.5676	91.205	91.94
In2306	230.606	{4 Cts/S	7368.7	24.562	0.33333	7351.4	7386.1
Y_2243	224.306	{4 Cts/S	13524	65.668	0.48556	13478	13571
Y_3600	360.073	{ 9 Cts/S	89388	85.246	0.09537	89327	89448
Y_3710	371.030	{ 9 Cts/S	8884.5	35.899	0.40406	8859.1	8909.9

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 9:18:55
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0021	0.0002	10.74	-0.002	-0.0023
Al3082	308.215	{1 In2306	ppm	317.9	5.051	1.589	321.5	314.4
As1890	189.042	{4 Y_2243	ppm	0.1538	0.0023	1.492	0.1522	0.1554
B_2496	249.678	{1 Y_3710	ppm	0.0413	0.0057	13.76	0.0373	0.0453
Ba4554	455.403	{ 7 Y_3710	ppm	3.752	0.029	0.773	3.773	3.732
Be3130	313.042	{1 Y_3710	ppm	0.0179	0.0001	0.7523	0.0178	0.018
Ca3158	315.887	{1 In2306	ppm	1087	10.41	0.9571	1095	1080
Ca3181	318.128	{1 In2306	ppm	1097	11.5	1.049	1105	1089
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0002	3.523	0.0053	0.0055
Co2286	228.616	{4 In2306	ppm	0.2118	0.0001	0.0444	0.2118	0.2117
Cr2677	267.716	{1 Y_3600	ppm	0.1995	0.0004	0.176	0.1998	0.1993
Cu3247	324.754	{1 Y_3600	ppm	0.1627	0.0007	0.4562	0.1632	0.1622
Fe2404	240.488	{1 In2306	ppm	244.5	2.855	1.168	246.5	242.5
K_7664	766.490	{ 4 Y_3710	ppm	32.43	0.4534	1.398	32.75	32.11
K_7698	769.896	{ 4 Y_3710	ppm	32.95	0.319	0.9683	33.17	32.72
Li6707	670.784	{ 5 Y_3710	ppm	0.1753	0.0031	1.772	0.1775	0.1731
Mg2790	279.079	{1 Y_3710	ppm	43.84	0.0602	0.1374	43.8	43.88
Mn2576	257.610	{1 Y_3600	ppm	15.64	0.062	0.3967	15.59	15.68
Mn2576-2	257.610	{1 Y_3710	ppm	21.08	0.0107	0.051	21.09	21.07
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0002	131.7	0	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.8849	0.0123	1.394	0.8936	0.8762
Na8183	818.326	{ 4 Y_3710	ppm	1.311	0.0367	2.797	1.337	1.285
Ni2316	231.604	{4 In2306	ppm	0.3909	0.0003	0.0772	0.3907	0.3911
P_1782	178.284	{4 In2306	ppm	7.009	0.0085	0.121	7.003	7.015
Pb2203	220.353	{4 In2306	ppm	0.3996	0.004	1.002	0.3968	0.4024
S_1820	182.034	{4 Y_2243	ppm	-1784	2.951	0.1654	-1782	-1787
Sb2068	206.833	{4 Y_2243	ppm	-0.0043	0.0003	7.231	-0.0045	-0.0041
Se1960	196.090	{4 Y_2243	ppm	0.0135	0.0015	11.32	0.0146	0.0124
Si2516	251.611	{1 Y_3710	ppm	12.77	0.0089	0.0695	12.77	12.76
Sn1899	189.989	{4 In2306	ppm	0.0454	0.0001	0.2036	0.0455	0.0454
Sr4215	421.552	{ 8 Y_3710	ppm	2.153	0.0112	0.5185	2.161	2.145
Ti3349	334.904	{1 Y_3600	ppm	0.1918	0.0006	0.2887	0.1921	0.1914
Tl1908	190.856	{4 In2306	ppm	-0.0271	0.0005	1.963	-0.0275	-0.0268
V_2924	292.402	{1 Y_3600	ppm	0.5732	0.0017	0.2899	0.5744	0.5721
Zn2062	206.200	{4 In2306	ppm	1.033	0.0033	0.3162	1.031	1.036

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	94.685	1.3542	1.4302	93.728	95.643
In2306	230.606	{4 Cts/S	8064.5	8.0772	0.10016	8058.8	8070.3
Y_2243	224.306	{4 Cts/S	14986	16.678	0.11128	14975	14998
Y_3600	360.073	{ 9 Cts/S	98014	116.6	0.11896	97932	98097
Y_3710	371.030	{ 9 Cts/S	8864.6	8.3446	0.09413	8858.7	8870.5

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0012	0.0001	5.228	-0.0013	-0.0012
Al3082	308.215	{1 In2306	ppm	176.9	1.101	0.6224	177.7	176.1
As1890	189.042	{4 Y_2243	ppm	0.08	0.0016	1.949	0.0789	0.0811
B_2496	249.678	{1 Y_3710	ppm	0.0578	0.0033	5.622	0.0601	0.0555
Ba4554	455.403	{ 7 Y_3710	ppm	1.902	0.0067	0.354	1.907	1.897
Be3130	313.042	{1 Y_3710	ppm	0.0093	0.0001	1.402	0.0094	0.0092
Ca3158	315.887	{1 In2306	ppm	2113	32.62	1.544	2136	2090
Ca3181	318.128	{1 In2306	ppm	2240	8.67	0.387	2247	2234
Cd2288	228.802	{4 Y_2243	ppm	0.0043	0.0002	3.84	0.0044	0.0042
Co2286	228.616	{4 In2306	ppm	0.1098	0.0003	0.2851	0.1096	0.11
Cr2677	267.716	{1 Y_3600	ppm	0.1228	0.0005	0.427	0.1232	0.1225
Cu3247	324.754	{1 Y_3600	ppm	0.1176	0.0004	0.3506	0.1178	0.1173
Fe2404	240.488	{1 In2306	ppm	148	0.6652	0.4496	148.4	147.5
K_7664	766.490	{ 4 Y_3710	ppm	19.47	0.121	0.6215	19.56	19.39
K_7698	769.896	{ 4 Y_3710	ppm	19.77	0.0189	0.0955	19.78	19.75
Li6707	670.784	{ 5 Y_3710	ppm	0.129	0.0009	0.6889	0.1296	0.1283
Mg2790	279.079	{1 Y_3710	ppm	28.85	0.0564	0.1956	28.81	28.89
Mn2576	257.610	{1 Y_3600	ppm	9.917	0.003	0.0304	9.919	9.914
Mn2576-2	257.610	{1 Y_3710	ppm	12.11	0.0328	0.271	12.09	12.14
Mo2020	202.030	{4 Y_2243	ppm	0.0017	0.0002	13.21	0.0019	0.0015
Na5895	589.592	{ 5 Y_3710	ppm	1.618	0.0176	1.089	1.631	1.606
Na8183	818.326	{ 4 Y_3710	ppm	1.249	0.1634	13.09	1.364	1.133
Ni2316	231.604	{4 In2306	ppm	0.2365	0.0008	0.355	0.2359	0.2371
P_1782	178.284	{4 In2306	ppm	9.226	0.0206	0.2238	9.24	9.211
Pb2203	220.353	{4 In2306	ppm	0.3582	0.0002	0.0462	0.3581	0.3583
S_1820	182.034	{4 Y_2243	ppm	-2661	8.75	0.3288	-2667	-2655
Sb2068	206.833	{4 Y_2243	ppm	-0.0012	0.0042	353.8	0.0018	-0.0041
Se1960	196.090	{4 Y_2243	ppm	0.0129	0.0004	3.087	0.0126	0.0131
Si2516	251.611	{1 Y_3710	ppm	17.03	0.0303	0.1782	17.05	17.01
Sn1899	189.989	{4 In2306	ppm	0.0423	0	0.0533	0.0423	0.0423
Sr4215	421.552	{ 8 Y_3710	ppm	4.798	0.0162	0.3383	4.81	4.787
Ti3349	334.904	{1 Y_3600	ppm	0.2273	0.0007	0.303	0.2277	0.2268
Tl1908	190.856	{4 In2306	ppm	-0.0191	0.001	5.312	-0.0184	-0.0199
V_2924	292.402	{1 Y_3600	ppm	0.331	0.001	0.3165	0.3317	0.3303
Zn2062	206.200	{4 In2306	ppm	0.7085	0.0002	0.0266	0.7086	0.7084

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	89.742	0.47209	0.52606	89.408	90.076
In2306	230.606	{4 Cts/S	7581	9.8841	0.13038	7587.9	7574
Y_2243	224.306	{4 Cts/S	13628	15.639	0.11476	13639	13617
Y_3600	360.073	{ 9 Cts/S	90334	108.11	0.11968	90410	90257
Y_3710	371.030	{ 9 Cts/S	8792.4	19.664	0.22365	8806.3	8778.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0011	0	1.204	-0.0011	-0.0011
Al3082	308.215	{1 In2306	ppm	167.9	6.108	3.637	172.3	163.6
As1890	189.042	{4 Y_2243	ppm	0.0789	0.0006	0.766	0.0794	0.0785
B_2496	249.678	{1 Y_3710	ppm	0.0626	0.0077	12.24	0.0681	0.0572
Ba4554	455.403	{ 7 Y_3710	ppm	1.774	0.0021	0.1169	1.773	1.776
Be3130	313.042	{1 Y_3710	ppm	0.009	0.0001	0.9149	0.0091	0.0089
Ca3158	315.887	{1 In2306	ppm	2226	97.58	4.384	2295	2157
Ca3181	318.128	{1 In2306	ppm	2383	93.26	3.914	2449	2317
Cd2288	228.802	{4 Y_2243	ppm	0.0045	0.0001	2.492	0.0046	0.0044
Co2286	228.616	{4 In2306	ppm	0.1035	0.0002	0.1973	0.1037	0.1034
Cr2677	267.716	{1 Y_3600	ppm	0.1142	0.0031	2.686	0.112	0.1164
Cu3247	324.754	{1 Y_3600	ppm	0.1173	0.0027	2.274	0.1154	0.1192
Fe2404	240.488	{1 In2306	ppm	136.4	5.252	3.851	140.1	132.7
K_7664	766.490	{ 4 Y_3710	ppm	19.12	0.0528	0.2763	19.08	19.15
K_7698	769.896	{ 4 Y_3710	ppm	19.61	0.0408	0.208	19.58	19.63
Li6707	670.784	{ 5 Y_3710	ppm	0.1306	0.0011	0.824	0.1313	0.1298
Mg2790	279.079	{1 Y_3710	ppm	28.63	0.0407	0.1423	28.61	28.66
Mn2576	257.610	{1 Y_3600	ppm	9.936	0.1359	1.368	9.84	10.03
Mn2576-2	257.610	{1 Y_3710	ppm	12.06	0.035	0.2902	12.04	12.09
Mo2020	202.030	{4 Y_2243	ppm	0.0012	0.0001	12.23	0.0013	0.0011
Na5895	589.592	{ 5 Y_3710	ppm	1.649	0.0011	0.0645	1.648	1.65
Na8183	818.326	{ 4 Y_3710	ppm	1.696	0.0732	4.318	1.747	1.644
Ni2316	231.604	{4 In2306	ppm	0.2348	0.0008	0.3302	0.2343	0.2354
P_1782	178.284	{4 In2306	ppm	9.37	0.0041	0.0437	9.373	9.367
Pb2203	220.353	{4 In2306	ppm	0.3628	0.0054	1.484	0.359	0.3666
S_1820	182.034	{4 Y_2243	ppm	-2661	2.255	0.0848	-2659	-2662
Sb2068	206.833	{4 Y_2243	ppm	-0.0039	0.0017	43.18	-0.0051	-0.0027
Se1960	196.090	{4 Y_2243	ppm	0.0128	0.0013	9.931	0.0119	0.0137
Si2516	251.611	{1 Y_3710	ppm	17.97	0.0402	0.2238	17.94	18
Sn1899	189.989	{4 In2306	ppm	0.0436	0.0007	1.689	0.0441	0.0431
Sr4215	421.552	{ 8 Y_3710	ppm	5.234	0.0053	0.1003	5.23	5.238
Ti3349	334.904	{1 Y_3600	ppm	0.2679	0.0017	0.6395	0.2667	0.2691
Tl1908	190.856	{4 In2306	ppm	-0.0207	0.0011	5.281	-0.02	-0.0215
V_2924	292.402	{1 Y_3600	ppm	0.3135	0.0025	0.804	0.3117	0.3153
Zn2062	206.200	{4 In2306	ppm	0.6988	0.0033	0.4742	0.6964	0.7011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	91.509	3.5343	3.8622	89.01	94.009
In2306	230.606	{4 Cts/S	7426.7	4.9346	0.06644	7423.2	7430.2
Y_2243	224.306	{4 Cts/S	13382	33.421	0.24975	13358	13405
Y_3600	360.073	{ 9 Cts/S	90419	1298.5	1.4361	91337	89501
Y_3710	371.030	{ 9 Cts/S	8720.6	16.419	0.18828	8732.2	8708.9

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5119	0.002	0.3847	0.5133	0.5105
Al3082	308.215	{1 In2306	ppm	260	7.079	2.723	265	255
As1890	189.042	{4 Y_2243	ppm	1.067	0.0065	0.607	1.072	1.063
B_2496	249.678	{1 Y_3710	ppm	0.7409	0.0039	0.5268	0.7381	0.7436
Ba4554	455.403	{ 7 Y_3710	ppm	2.935	0.0041	0.1398	2.938	2.932
Be3130	313.042	{1 Y_3710	ppm	0.4882	0.0007	0.1525	0.4887	0.4876
Ca3158	315.887	{1 In2306	ppm	2477	47.81	1.93	2511	2444
Ca3181	318.128	{1 In2306	ppm	2655	63.94	2.408	2701	2610
Cd2288	228.802	{4 Y_2243	ppm	0.4803	0.0001	0.0187	0.4803	0.4802
Co2286	228.616	{4 In2306	ppm	1.112	0.0014	0.1245	1.113	1.111
Cr2677	267.716	{1 Y_3600	ppm	0.9149	0.008	0.8747	0.9206	0.9093
Cu3247	324.754	{1 Y_3600	ppm	1.063	0.0021	0.1975	1.065	1.062
Fe2404	240.488	{1 In2306	ppm	192	4.661	2.428	195.3	188.7
K_7664	766.490	{ 4 Y_3710	ppm	36.17	0.174	0.4811	36.29	36.05
K_7698	769.896	{ 4 Y_3710	ppm	37.12	0.0586	0.158	37.16	37.08
Li6707	670.784	{ 5 Y_3710	ppm	0.7189	0.0037	0.5159	0.7215	0.7162
Mg2790	279.079	{1 Y_3710	ppm	46.42	0.0014	0.0031	46.42	46.42
Mn2576	257.610	{1 Y_3600	ppm	10.76	0.0655	0.6083	10.71	10.81
Mn2576-2	257.610	{1 Y_3710	ppm	13.41	0.0128	0.0954	13.42	13.4
Mo2020	202.030	{4 Y_2243	ppm	0.752	0.0023	0.3065	0.7536	0.7504
Na5895	589.592	{ 5 Y_3710	ppm	12.51	0.057	0.4551	12.55	12.47
Na8183	818.326	{ 4 Y_3710	ppm	13.24	0.1853	1.399	13.37	13.11
Ni2316	231.604	{4 In2306	ppm	1.274	0.0036	0.2832	1.277	1.272
P_1782	178.284	{4 In2306	ppm	9.934	0.0065	0.0658	9.938	9.929
Pb2203	220.353	{4 In2306	ppm	1.331	0.0035	0.2598	1.334	1.329
S_1820	182.034	{4 Y_2243	ppm	-2894	6.415	0.2216	-2890	-2899
Sb2068	206.833	{4 Y_2243	ppm	0.2772	0.0023	0.836	0.2756	0.2789
Se1960	196.090	{4 Y_2243	ppm	1.009	0.0024	0.2423	1.007	1.011
Si2516	251.611	{1 Y_3710	ppm	19	0.1417	0.7459	19.1	18.9
Sn1899	189.989	{4 In2306	ppm	0.9398	0.0041	0.4356	0.9427	0.9369
Sr4215	421.552	{ 8 Y_3710	ppm	6.018	0.0078	0.1289	6.023	6.012
Ti3349	334.904	{1 Y_3600	ppm	0.5143	0.0026	0.5078	0.5161	0.5124
Tl1908	190.856	{4 In2306	ppm	0.8651	0.0007	0.0808	0.8656	0.8646
V_2924	292.402	{1 Y_3600	ppm	1.118	0.0015	0.1343	1.119	1.117
Zn2062	206.200	{4 In2306	ppm	1.799	0.0014	0.0803	1.8	1.798

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	84.629	2.1689	2.5628	83.095	86.163
In2306	230.606	{4 Cts/S	7328.3	14.048	0.1917	7338.2	7318.3
Y_2243	224.306	{4 Cts/S	13350	40.534	0.30363	13378	13321
Y_3600	360.073	{ 9 Cts/S	89538	108.28	0.12093	89461	89614
Y_3710	371.030	{ 9 Cts/S	8480.5	11.289	0.13312	8472.5	8488.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.514	0.0025	0.4917	0.5158	0.5122
Al3082	308.215	{1 In2306	ppm	278.3	4.711	1.693	281.6	275
As1890	189.042	{4 Y_2243	ppm	1.077	0.0077	0.7176	1.082	1.072
B_2496	249.678	{1 Y_3710	ppm	0.801	0.0117	1.466	0.8093	0.7927
Ba4554	455.403	{ 7 Y_3710	ppm	3.186	0.1056	3.313	3.261	3.111
Be3130	313.042	{1 Y_3710	ppm	0.5075	0.0168	3.305	0.5193	0.4956
Ca3158	315.887	{1 In2306	ppm	2319	36.2	1.561	2344	2293
Ca3181	318.128	{1 In2306	ppm	2476	30.99	1.251	2498	2454
Cd2288	228.802	{4 Y_2243	ppm	0.4862	0.001	0.2071	0.4869	0.4855
Co2286	228.616	{4 In2306	ppm	1.13	0.0061	0.5386	1.135	1.126
Cr2677	267.716	{1 Y_3600	ppm	0.9334	0.0042	0.4495	0.9364	0.9304
Cu3247	324.754	{1 Y_3600	ppm	1.092	0.005	0.4556	1.096	1.089
Fe2404	240.488	{1 In2306	ppm	192.1	2.792	1.454	194.1	190.1
K_7664	766.490	{ 4 Y_3710	ppm	39.36	1.427	3.627	40.37	38.35
K_7698	769.896	{ 4 Y_3710	ppm	40.41	1.375	3.404	41.38	39.44
Li6707	670.784	{ 5 Y_3710	ppm	0.7719	0.0306	3.964	0.7935	0.7503
Mg2790	279.079	{1 Y_3710	ppm	48.6	1.474	3.032	49.64	47.56
Mn2576	257.610	{1 Y_3600	ppm	10.88	0.0727	0.6687	10.93	10.83
Mn2576-2	257.610	{1 Y_3710	ppm	13.88	0.4161	2.998	14.17	13.58
Mo2020	202.030	{4 Y_2243	ppm	0.7772	0.0031	0.4049	0.7794	0.775
Na5895	589.592	{ 5 Y_3710	ppm	13.33	0.4677	3.509	13.66	13
Na8183	818.326	{ 4 Y_3710	ppm	14.5	0.4204	2.9	14.79	14.2
Ni2316	231.604	{4 In2306	ppm	1.296	0.0078	0.5993	1.302	1.291
P_1782	178.284	{4 In2306	ppm	10.63	0.0307	0.289	10.65	10.6
Pb2203	220.353	{4 In2306	ppm	1.379	0.0086	0.6241	1.385	1.373
S_1820	182.034	{4 Y_2243	ppm	-3273	8.903	0.272	-3279	-3266
Sb2068	206.833	{4 Y_2243	ppm	0.3029	0.0056	1.852	0.3069	0.2989
Se1960	196.090	{4 Y_2243	ppm	1.02	0.0016	0.1583	1.018	1.021
Si2516	251.611	{1 Y_3710	ppm	20.37	0.7458	3.662	20.9	19.84
Sn1899	189.989	{4 In2306	ppm	0.9588	0.0051	0.5312	0.9624	0.9552
Sr4215	421.552	{ 8 Y_3710	ppm	6.008	0.1864	3.103	6.139	5.876
Ti3349	334.904	{1 Y_3600	ppm	0.6017	0.0038	0.6317	0.6044	0.599
Tl1908	190.856	{4 In2306	ppm	0.8793	0.007	0.7985	0.8842	0.8743
V_2924	292.402	{1 Y_3600	ppm	1.146	0.0065	0.5674	1.151	1.142
Zn2062	206.200	{4 In2306	ppm	1.874	0.0097	0.519	1.881	1.867

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	82.454	0.80697	0.97869	81.883	83.024
In2306	230.606	{4 Cts/S	7389.2	13.434	0.1818	7379.7	7398.7
Y_2243	224.306	{4 Cts/S	13441	8.6297	0.06421	13434	13447
Y_3600	360.073	{ 9 Cts/S	90316	347.49	0.38475	90071	90562
Y_3710	371.030	{ 9 Cts/S	8206.9	217.07	2.645	8053.4	8360.4

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0013	0.0006	45	-0.0009	-0.0017
Al3082	308.215	{1 In2306	ppm	218.6	1.401	0.6408	219.6	217.6
As1890	189.042	{4 Y_2243	ppm	0.1028	0.0055	5.339	0.0989	0.1067
B_2496	249.678	{1 Y_3710	ppm	0.0584	0.0081	13.8	0.0527	0.0641
Ba4554	455.403	{ 7 Y_3710	ppm	2.296	0.0046	0.2013	2.299	2.293
Be3130	313.042	{1 Y_3710	ppm	0.01	0	0.0697	0.01	0.01
Ca3158	315.887	{1 In2306	ppm	2635	17.9	0.6792	2648	2623
Ca3181	318.128	{1 In2306	ppm	2858	3.389	0.1186	2861	2856
Cd2288	228.802	{4 Y_2243	ppm	0.0079	0.0032	39.96	0.0057	0.0102
Co2286	228.616	{4 In2306	ppm	0.1437	0.0072	4.998	0.1386	0.1488
Cr2677	267.716	{1 Y_3600	ppm	0.1355	0.0023	1.678	0.1371	0.1339
Cu3247	324.754	{1 Y_3600	ppm	0.1166	0.0002	0.2054	0.1168	0.1164
Fe2404	240.488	{1 In2306	ppm	166.2	0.5872	0.3533	166.7	165.8
K_7664	766.490	{ 4 Y_3710	ppm	16.32	0.0141	0.0865	16.31	16.33
K_7698	769.896	{ 4 Y_3710	ppm	16.7	0.0418	0.2501	16.67	16.73
Li6707	670.784	{ 5 Y_3710	ppm	0.1544	0.0017	1.083	0.1556	0.1532
Mg2790	279.079	{1 Y_3710	ppm	29.35	0.2526	0.8606	29.17	29.53
Mn2576	257.610	{1 Y_3600	ppm	12.02	0.1636	1.361	12.14	11.9
Mn2576-2	257.610	{1 Y_3710	ppm	14.86	0.0601	0.4045	14.81	14.9
Mo2020	202.030	{4 Y_2243	ppm	0.0073	0.0068	92.07	0.0026	0.0121
Na5895	589.592	{ 5 Y_3710	ppm	2.073	0.0096	0.4627	2.08	2.066
Na8183	818.326	{ 4 Y_3710	ppm	2.191	0.1105	5.042	2.27	2.113
Ni2316	231.604	{4 In2306	ppm	0.2716	0.0067	2.473	0.2668	0.2763
P_1782	178.284	{4 In2306	ppm	7.629	0.0121	0.1591	7.638	7.621
Pb2203	220.353	{4 In2306	ppm	0.2623	0.002	0.7657	0.2608	0.2637
S_1820	182.034	{4 Y_2243	ppm	-2460	7.858	0.3194	-2466	-2455
Sb2068	206.833	{4 Y_2243	ppm	0.0005	0.004	777.5	-0.0023	0.0033
Se1960	196.090	{4 Y_2243	ppm	0.0178	0.0058	32.56	0.0137	0.0219
Si2516	251.611	{1 Y_3710	ppm	16.13	0.0192	0.1192	16.12	16.14
Sn1899	189.989	{4 In2306	ppm	0.0489	0.0073	14.85	0.0438	0.054
Sr4215	421.552	{ 8 Y_3710	ppm	5.095	0.0044	0.087	5.098	5.092
Ti3349	334.904	{1 Y_3600	ppm	0.2918	0.0051	1.752	0.2954	0.2882
Tl1908	190.856	{4 In2306	ppm	-0.0192	0.006	31.24	-0.0234	-0.015
V_2924	292.402	{1 Y_3600	ppm	0.3616	0.0031	0.8536	0.3638	0.3594
Zn2062	206.200	{4 In2306	ppm	0.7004	0.005	0.7111	0.6969	0.7039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	83.113	0.47914	0.57649	82.775	83.452
In2306	230.606	{4 Cts/S	7297.8	18.401	0.25214	7284.8	7310.8
Y_2243	224.306	{4 Cts/S	13366	33.256	0.2488	13343	13390
Y_3600	360.073	{ 9 Cts/S	90107	716.18	0.79481	89601	90613
Y_3710	371.030	{ 9 Cts/S	8568.1	25.974	0.30315	8586.5	8549.8

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0017	0.0001	5.573	-0.0018	-0.0017
Al3082	308.215	{1 In2306	ppm	309.1	3.643	1.178	306.6	311.7
As1890	189.042	{4 Y_2243	ppm	0.2196	0.0013	0.5894	0.2206	0.2187
B_2496	249.678	{1 Y_3710	ppm	0.0552	0.0014	2.542	0.0562	0.0542
Ba4554	455.403	{ 7 Y_3710	ppm	2.921	0.0121	0.4143	2.913	2.93
Be3130	313.042	{1 Y_3710	ppm	0.0145	0.0001	0.8141	0.0144	0.0146
Ca3158	315.887	{1 In2306	ppm	1561	31.02	1.988	1539	1583
Ca3181	318.128	{1 In2306	ppm	1583	31.7	2.003	1560	1605
Cd2288	228.802	{4 Y_2243	ppm	0.0056	0	0.3432	0.0056	0.0056
Co2286	228.616	{4 In2306	ppm	0.1581	0.0008	0.5261	0.1575	0.1587
Cr2677	267.716	{1 Y_3600	ppm	0.1789	0.0011	0.5939	0.1797	0.1781
Cu3247	324.754	{1 Y_3600	ppm	0.1496	0.0024	1.574	0.1513	0.1479
Fe2404	240.488	{1 In2306	ppm	220.6	3.544	1.607	218.1	223.1
K_7664	766.490	{ 4 Y_3710	ppm	29.76	0.0483	0.1624	29.73	29.79
K_7698	769.896	{ 4 Y_3710	ppm	30.43	0.0272	0.0893	30.45	30.41
Li6707	670.784	{ 5 Y_3710	ppm	0.1821	0.0012	0.6763	0.1812	0.183
Mg2790	279.079	{1 Y_3710	ppm	41.19	0.4741	1.151	40.85	41.52
Mn2576	257.610	{1 Y_3600	ppm	13.19	0.1299	0.9849	13.28	13.1
Mn2576-2	257.610	{1 Y_3710	ppm	16.87	0.1243	0.7368	16.78	16.96
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0005	404.1	-0.0002	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	1.022	0.0015	0.1421	1.023	1.021
Na8183	818.326	{ 4 Y_3710	ppm	1.786	0.0387	2.168	1.759	1.813
Ni2316	231.604	{4 In2306	ppm	0.3443	0.0004	0.1304	0.344	0.3446
P_1782	178.284	{4 In2306	ppm	7.848	0.0319	0.4059	7.825	7.87
Pb2203	220.353	{4 In2306	ppm	0.3186	0.0031	0.9713	0.3164	0.3208
S_1820	182.034	{4 Y_2243	ppm	-1968	10.02	0.5089	-1961	-1975
Sb2068	206.833	{4 Y_2243	ppm	-0.0065	0.0008	12.23	-0.006	-0.0071
Se1960	196.090	{4 Y_2243	ppm	0.0134	0.0015	11.32	0.0144	0.0123
Si2516	251.611	{1 Y_3710	ppm	18.1	0.0195	0.1076	18.09	18.12
Sn1899	189.989	{4 In2306	ppm	0.0498	0.0004	0.7503	0.0496	0.0501
Sr4215	421.552	{ 8 Y_3710	ppm	2.701	0.0118	0.4387	2.692	2.709
Ti3349	334.904	{1 Y_3600	ppm	0.241	0.0035	1.439	0.2434	0.2385
Tl1908	190.856	{4 In2306	ppm	-0.0242	0.0019	7.954	-0.0228	-0.0255
V_2924	292.402	{1 Y_3600	ppm	0.4474	0.0057	1.278	0.4515	0.4434
Zn2062	206.200	{4 In2306	ppm	0.9655	0.0036	0.3734	0.9629	0.968

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	82.276	1.0581	1.286	83.024	81.528
In2306	230.606	{4 Cts/S	7824.5	20.577	0.26298	7839.1	7810
Y_2243	224.306	{4 Cts/S	14377	15.189	0.10565	14388	14367
Y_3600	360.073	{ 9 Cts/S	97049	898.29	0.9256	96414	97684
Y_3710	371.030	{ 9 Cts/S	8415.8	34.077	0.40492	8439.9	8391.7

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2414	0.0011	0.4641	0.2406	0.2422
Al3082	308.215	{1 In2306	ppm	2.799	0.0365	1.303	2.825	2.774
As1890	189.042	{4 Y_2243	ppm	0.522	0.005	0.9646	0.5256	0.5184
B_2496	249.678	{1 Y_3710	ppm	0.4367	0.0004	0.082	0.4369	0.4364
Ba4554	455.403	{ 7 Y_3710	ppm	0.4992	0.0008	0.1637	0.4987	0.4998
Be3130	313.042	{1 Y_3710	ppm	0.4625	0.0013	0.2864	0.4634	0.4616
Ca3158	315.887	{1 In2306	ppm	14.03	0.1695	1.208	14.15	13.91
Ca3181	318.128	{1 In2306	ppm	13.65	0.0242	0.1776	13.67	13.64
Cd2288	228.802	{4 Y_2243	ppm	0.5025	0.0007	0.1458	0.5031	0.502
Co2286	228.616	{4 In2306	ppm	0.4842	0.0017	0.3601	0.4854	0.4829
Cr2677	267.716	{1 Y_3600	ppm	0.4616	0.0003	0.0668	0.4619	0.4614
Cu3247	324.754	{1 Y_3600	ppm	0.4816	0.0012	0.2473	0.4808	0.4825
Fe2404	240.488	{1 In2306	ppm	2.613	0.0377	1.442	2.64	2.586
K_7664	766.490	{ 4 Y_3710	ppm	13.01	0.0499	0.3834	12.97	13.04
K_7698	769.896	{ 4 Y_3710	ppm	13.11	0.0324	0.247	13.09	13.13
Li6707	670.784	{ 5 Y_3710	ppm	0.5301	0.0031	0.5935	0.5279	0.5323
Mg2790	279.079	{1 Y_3710	ppm	4.336	0.0212	0.4897	4.351	4.321
Mn2576	257.610	{1 Y_3600	ppm	0.4729	0.0014	0.3047	0.4719	0.4739
Mn2576-2	257.610	{1 Y_3710	ppm	0.4435	0.0028	0.6266	0.4455	0.4415
Mo2020	202.030	{4 Y_2243	ppm	0.5333	0.0019	0.3544	0.5346	0.532
Na5895	589.592	{ 5 Y_3710	ppm	12.82	0.0781	0.6092	12.77	12.88
Na8183	818.326	{ 4 Y_3710	ppm	13.55	0.0265	0.1955	13.57	13.53
Ni2316	231.604	{4 In2306	ppm	0.5004	0.0004	0.0731	0.5002	0.5007
P_1782	178.284	{4 In2306	ppm	0.0037	0.0054	146.6	-0.0001	0.0075
Pb2203	220.353	{4 In2306	ppm	0.488	0.0001	0.0218	0.488	0.4881
S_1820	182.034	{4 Y_2243	ppm	-356.7	0.9223	0.2585	-356.1	-357.4
Sb2068	206.833	{4 Y_2243	ppm	0.517	0.0029	0.5547	0.519	0.5149
Se1960	196.090	{4 Y_2243	ppm	0.5342	0.0025	0.4663	0.5359	0.5324
Si2516	251.611	{1 Y_3710	ppm	0.823	0.0478	5.811	0.7892	0.8569
Sn1899	189.989	{4 In2306	ppm	0.4712	0.0004	0.0946	0.4709	0.4715
Sr4215	421.552	{ 8 Y_3710	ppm	0.2605	0.0004	0.1433	0.2602	0.2608
Ti3349	334.904	{1 Y_3600	ppm	0.4494	0.0006	0.1224	0.449	0.4498
Tl1908	190.856	{4 In2306	ppm	0.4777	0.0002	0.0376	0.4778	0.4776
V_2924	292.402	{1 Y_3600	ppm	0.4527	0.0064	1.417	0.4482	0.4572
Zn2062	206.200	{4 In2306	ppm	0.4719	0.0008	0.1721	0.4713	0.4724

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	88.707	0.92587	1.0437	88.053	89.362
In2306	230.606	{4 Cts/S	10355	6.1514	0.0594	10351	10360
Y_2243	224.306	{4 Cts/S	14162	13.886	0.09806	14152	14171
Y_3600	360.073	{ 9 Cts/S	99200	361.39	0.36431	99456	98945
Y_3710	371.030	{ 9 Cts/S	9167.8	11.522	0.12568	9159.6	9175.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0046	0.0004	8.628	0.0043	0.0049
Al3082	308.215	{1 In2306	ppm	0.1167	0.0302	25.91	0.0953	0.1381
As1890	189.042	{4 Y_2243	ppm	0.0111	0.0003	2.972	0.0109	0.0114
B_2496	249.678	{1 Y_3710	ppm	0.0079	0.0034	42.35	0.0056	0.0103
Ba4554	455.403	{ 7 Y_3710	ppm	0.0099	0.0003	2.872	0.0097	0.0101
Be3130	313.042	{1 Y_3710	ppm	0.0046	0.0001	1.552	0.0046	0.0045
Ca3158	315.887	{1 In2306	ppm	0.1088	0.003	2.798	0.1109	0.1066
Ca3181	318.128	{1 In2306	ppm	0.1744	0.0328	18.78	0.1512	0.1976
Cd2288	228.802	{4 Y_2243	ppm	0.0058	0.001	16.46	0.0051	0.0065
Co2286	228.616	{4 In2306	ppm	0.0103	0.0011	10.77	0.0095	0.0111
Cr2677	267.716	{1 Y_3600	ppm	0.0091	0.0003	3.073	0.0093	0.0089
Cu3247	324.754	{1 Y_3600	ppm	0.0103	0.0001	0.5543	0.0103	0.0104
Fe2404	240.488	{1 In2306	ppm	0.1224	0.0112	9.121	0.1145	0.1303
K_7664	766.490	{ 4 Y_3710	ppm	0.6146	0.0024	0.3936	0.6128	0.6163
K_7698	769.896	{ 4 Y_3710	ppm	0.6267	0.0166	2.651	0.6385	0.615
Li6707	670.784	{ 5 Y_3710	ppm	0.0086	0.0005	6.106	0.009	0.0082
Mg2790	279.079	{1 Y_3710	ppm	0.0901	0.0405	44.96	0.1187	0.0614
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0	0.0942	0.0098	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0098	0.0006	6.41	0.0094	0.0103
Mo2020	202.030	{4 Y_2243	ppm	0.0128	0.0016	12.91	0.0116	0.0139
Na5895	589.592	{ 5 Y_3710	ppm	0.6039	0.004	0.6573	0.6067	0.6011
Na8183	818.326	{ 4 Y_3710	ppm	0.6847	0.085	12.42	0.7448	0.6246
Ni2316	231.604	{4 In2306	ppm	0.0106	0.0009	8.34	0.0099	0.0112
P_1782	178.284	{4 In2306	ppm	0.0084	0.0002	2.039	0.0082	0.0085
Pb2203	220.353	{4 In2306	ppm	0.0107	0.0008	7.102	0.0102	0.0113
S_1820	182.034	{4 Y_2243	ppm	2.599	0.2909	11.19	2.805	2.394
Sb2068	206.833	{4 Y_2243	ppm	0.0153	0.0001	0.6915	0.0154	0.0153
Se1960	196.090	{4 Y_2243	ppm	0.0093	0.0002	2.105	0.0094	0.0091
Si2516	251.611	{1 Y_3710	ppm	-0.0037	0.0161	437.4	0.0077	-0.015
Sn1899	189.989	{4 In2306	ppm	0.0107	0.0007	6.446	0.0102	0.0112
Sr4215	421.552	{ 8 Y_3710	ppm	0.0051	0.0001	2.091	0.0052	0.005
Ti3349	334.904	{1 Y_3600	ppm	0.0093	0.0001	1.168	0.0092	0.0094
Tl1908	190.856	{4 In2306	ppm	0.0103	0.0001	0.566	0.0103	0.0104
V_2924	292.402	{1 Y_3600	ppm	0.0088	0	0.1496	0.0088	0.0088
Zn2062	206.200	{4 In2306	ppm	0.0098	0.001	10.52	0.0091	0.0105

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	88.455	0.05785	0.0654	88.496	88.414
In2306	230.606	{4 Cts/S	10942	2.0703	0.01892	10943	10940
Y_2243	224.306	{4 Cts/S	14383	1.2671	0.00881	14384	14382
Y_3600	360.073	{ 9 Cts/S	102100	590.48	0.57836	101680	102510
Y_3710	371.030	{ 9 Cts/S	9102.5	24.152	0.26533	9085.4	9119.6

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Comment=
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Custom ID3=
Run Time=1/14/2012 9:42:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0.0003	97.96	-0.0005	-0.0001
Al3082	308.215	{1 In2306	ppm	-0.0125	0.0278	222.8	-0.0322	0.0072
As1890	189.042	{4 Y_2243	ppm	0	0.0008	1694	-0.0006	0.0005
B_2496	249.678	{1 Y_3710	ppm	0.0039	0.0038	98.74	0.0066	0.0012
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0003	112.9	-0.0001	-0.0005
Be3130	313.042	{1 Y_3710	ppm	0	0.0002	581.4	0.0002	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0162	0.006	37.12	-0.0119	-0.0204
Ca3181	318.128	{1 In2306	ppm	0.0193	0.014	72.47	0.0292	0.0094
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	111.7	0.0002	0
Co2286	228.616	{4 In2306	ppm	0.0001	0	10.56	0.0001	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	34.75	-0.0002	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0003	0.0003	83.4	0.0005	0.0001
Fe2404	240.488	{1 In2306	ppm	0.0268	0.0139	51.89	0.017	0.0367
K_7664	766.490	{ 4 Y_3710	ppm	0.0031	0.0196	628.1	-0.0107	0.017
K_7698	769.896	{ 4 Y_3710	ppm	0.0417	0.047	112.8	0.0084	0.0749
Li6707	670.784	{ 5 Y_3710	ppm	-0.0014	0.0003	23.05	-0.0011	-0.0016
Mg2790	279.079	{1 Y_3710	ppm	0.023	0.0433	188.1	-0.0076	0.0536
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0.0001	93.12	0.0002	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0011	0.0005	45.11	0.0015	0.0008
Mo2020	202.030	{4 Y_2243	ppm	-0.0001	0.0002	170.9	-0.0003	0
Na5895	589.592	{ 5 Y_3710	ppm	-0.0066	0.0024	35.8	-0.0049	-0.0082
Na8183	818.326	{ 4 Y_3710	ppm	-0.4056	0.138	34.02	-0.308	-0.5032
Ni2316	231.604	{4 In2306	ppm	0.0002	0	2.748	0.0002	0.0002
P_1782	178.284	{4 In2306	ppm	-0.0021	0.0006	27.67	-0.0017	-0.0025
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0002	116.7	0	0.0003
S_1820	182.034	{4 Y_2243	ppm	3.708	0.4896	13.2	4.054	3.362
Sb2068	206.833	{4 Y_2243	ppm	0.0035	0.0013	36.2	0.0026	0.0044
Se1960	196.090	{4 Y_2243	ppm	-0.0016	0.0013	77.74	-0.0025	-0.0007
Si2516	251.611	{1 Y_3710	ppm	-0.0035	0.0137	389.2	-0.0132	0.0062
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0003	84.71	0.0001	0.0005
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0.0003	335.6	0.0001	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	-0.0006	0.0002	41.94	-0.0004	-0.0008
Tl1908	190.856	{4 In2306	ppm	-0.0011	0.0009	75.77	-0.0005	-0.0017
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0002	70.95	-0.0002	-0.0005
Zn2062	206.200	{4 In2306	ppm	-0.0001	0.0001	73.53	-0.0002	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	88.682	0.96138	1.0841	88.003	89.362
In2306	230.606	{4 Cts/S	10980	9.9894	0.09098	10973	10987
Y_2243	224.306	{4 Cts/S	14287	30.363	0.21252	14266	14309
Y_3600	360.073	{ 9 Cts/S	102630	114.56	0.11163	102710	102550
Y_3710	371.030	{ 9 Cts/S	9200.6	34.408	0.37398	9225	9176.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.001	0.0005	49.96	-0.0013	-0.0006
Al3082	308.215	{1 In2306	ppm	158.4	1.74	1.098	157.2	159.7
As1890	189.042	{4 Y_2243	ppm	0.08	0.0026	3.304	0.0819	0.0781
B_2496	249.678	{1 Y_3710	ppm	0.0615	0.0014	2.335	0.0605	0.0625
Ba4554	455.403	{ 7 Y_3710	ppm	1.383	0.004	0.2904	1.386	1.38
Be3130	313.042	{1 Y_3710	ppm	0.0073	0	0.4989	0.0073	0.0072
Ca3158	315.887	{1 In2306	ppm	2970	31.82	1.071	2947	2992
Ca3181	318.128	{1 In2306	ppm	3205	43.65	1.362	3174	3236
Cd2288	228.802	{4 Y_2243	ppm	0.0049	0.0001	1.378	0.005	0.0049
Co2286	228.616	{4 In2306	ppm	0.0856	0.0009	1.041	0.0862	0.0849
Cr2677	267.716	{1 Y_3600	ppm	0.1131	0.0002	0.196	0.1132	0.1129
Cu3247	324.754	{1 Y_3600	ppm	0.1345	0.0012	0.9152	0.1354	0.1336
Fe2404	240.488	{1 In2306	ppm	135.2	1.894	1.401	133.8	136.5
K_7664	766.490	{ 4 Y_3710	ppm	24.29	0.0044	0.0179	24.3	24.29
K_7698	769.896	{ 4 Y_3710	ppm	25.07	0.0452	0.1803	25.03	25.1
Li6707	670.784	{ 5 Y_3710	ppm	0.1328	0.0012	0.8784	0.1337	0.132
Mg2790	279.079	{1 Y_3710	ppm	26.66	0.0042	0.0158	26.66	26.66
Mn2576	257.610	{1 Y_3600	ppm	8.364	0.0266	0.3181	8.345	8.383
Mn2576-2	257.610	{1 Y_3710	ppm	9.764	0.0569	0.5826	9.804	9.724
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0001	3.112	0.0025	0.0024
Na5895	589.592	{ 5 Y_3710	ppm	1.986	0.0047	0.2391	1.989	1.982
Na8183	818.326	{ 4 Y_3710	ppm	1.736	0.0265	1.524	1.718	1.755
Ni2316	231.604	{4 In2306	ppm	0.2207	0.0022	1.019	0.2223	0.2191
P_1782	178.284	{4 In2306	ppm	10.07	0.0667	0.6631	10.11	10.02
Pb2203	220.353	{4 In2306	ppm	0.5012	0.0039	0.7874	0.504	0.4984
S_1820	182.034	{4 Y_2243	ppm	-2677	13.11	0.4899	-2687	-2668
Sb2068	206.833	{4 Y_2243	ppm	-0.0031	0.0008	27.37	-0.0025	-0.0037
Se1960	196.090	{4 Y_2243	ppm	0.0129	0.0028	21.4	0.0149	0.011
Si2516	251.611	{1 Y_3710	ppm	17.61	0.0898	0.5101	17.67	17.55
Sn1899	189.989	{4 In2306	ppm	0.0475	0.0011	2.269	0.0483	0.0467
Sr4215	421.552	{ 8 Y_3710	ppm	6.887	0.023	0.3343	6.903	6.87
Ti3349	334.904	{1 Y_3600	ppm	0.3375	0.0012	0.3546	0.3384	0.3367
Tl1908	190.856	{4 In2306	ppm	-0.0189	0.0005	2.409	-0.0186	-0.0192
V_2924	292.402	{1 Y_3600	ppm	0.2718	0.0001	0.0534	0.2719	0.2717
Zn2062	206.200	{4 In2306	ppm	0.7051	0.0069	0.9823	0.71	0.7002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	78.714	1.2865	1.6344	79.623	77.804
In2306	230.606	{4 Cts/S	7117.8	8.9651	0.12595	7111.5	7124.2
Y_2243	224.306	{4 Cts/S	12512	14.233	0.11376	12502	12522
Y_3600	360.073	{ 9 Cts/S	88856	518.04	0.58301	88490	89222
Y_3710	371.030	{ 9 Cts/S	8476.8	5.4738	0.06457	8472.9	8480.7

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Custom ID3=
Run Time=1/14/2012 9:47:50
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0013	0.0003	23.38	-0.0015	-0.0011
Al3082	308.215	{1 In2306	ppm	168.4	5.428	3.223	164.6	172.3
As1890	189.042	{4 Y_2243	ppm	0.1	0.0033	3.306	0.1023	0.0976
B_2496	249.678	{1 Y_3710	ppm	0.0716	0.0073	10.14	0.0767	0.0664
Ba4554	455.403	{ 7 Y_3710	ppm	1.43	0.0047	0.3319	1.427	1.433
Be3130	313.042	{1 Y_3710	ppm	0.0076	0	0.4193	0.0076	0.0075
Ca3158	315.887	{1 In2306	ppm	2736	124.9	4.564	2648	2824
Ca3181	318.128	{1 In2306	ppm	2925	108.9	3.723	2848	3001
Cd2288	228.802	{4 Y_2243	ppm	0.0052	0.0001	1.784	0.0053	0.0051
Co2286	228.616	{4 In2306	ppm	0.0856	0.0007	0.8639	0.0861	0.0851
Cr2677	267.716	{1 Y_3600	ppm	0.1277	0.0011	0.8413	0.127	0.1285
Cu3247	324.754	{1 Y_3600	ppm	0.1345	0.0004	0.2968	0.1342	0.1348
Fe2404	240.488	{1 In2306	ppm	142.9	5.341	3.738	139.1	146.7
K_7664	766.490	{ 4 Y_3710	ppm	19.8	0.0358	0.1807	19.83	19.78
K_7698	769.896	{ 4 Y_3710	ppm	20.36	0.0716	0.352	20.31	20.41
Li6707	670.784	{ 5 Y_3710	ppm	0.1302	0.0002	0.1465	0.13	0.1303
Mg2790	279.079	{1 Y_3710	ppm	29.27	0.1551	0.5299	29.38	29.16
Mn2576	257.610	{1 Y_3600	ppm	7.809	0.0388	0.4973	7.782	7.836
Mn2576-2	257.610	{1 Y_3710	ppm	8.986	0.0251	0.279	8.969	9.004
Mo2020	202.030	{4 Y_2243	ppm	0.003	0.0002	6.785	0.0032	0.0029
Na5895	589.592	{ 5 Y_3710	ppm	1.894	0.0049	0.2585	1.897	1.89
Na8183	818.326	{ 4 Y_3710	ppm	1.555	0.0351	2.26	1.58	1.531
Ni2316	231.604	{4 In2306	ppm	0.2149	0.001	0.4846	0.2156	0.2141
P_1782	178.284	{4 In2306	ppm	9.336	0.0572	0.6128	9.377	9.296
Pb2203	220.353	{4 In2306	ppm	0.3458	0.0043	1.231	0.3488	0.3427
S_1820	182.034	{4 Y_2243	ppm	-3046	17.1	0.5612	-3058	-3034
Sb2068	206.833	{4 Y_2243	ppm	-0.0051	0.0031	61.04	-0.0073	-0.0029
Se1960	196.090	{4 Y_2243	ppm	0.0106	0.0007	6.557	0.0111	0.0101
Si2516	251.611	{1 Y_3710	ppm	16.09	0.065	0.4041	16.04	16.14
Sn1899	189.989	{4 In2306	ppm	0.0483	0.0004	0.8231	0.0486	0.048
Sr4215	421.552	{ 8 Y_3710	ppm	6.154	0.0239	0.3877	6.137	6.171
Ti3349	334.904	{1 Y_3600	ppm	0.3101	0.0003	0.0987	0.3104	0.3099
Tl1908	190.856	{4 In2306	ppm	-0.0176	0.0005	2.883	-0.0172	-0.0179
V_2924	292.402	{1 Y_3600	ppm	0.2724	0.0015	0.533	0.2714	0.2735
Zn2062	206.200	{4 In2306	ppm	1.436	0.0157	1.096	1.447	1.425

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	78.126	2.9566	3.7844	80.217	76.036
In2306	230.606	{4 Cts/S	7264.8	20.564	0.28306	7250.2	7279.3
Y_2243	224.306	{4 Cts/S	12694	18.639	0.14684	12680	12707
Y_3600	360.073	{ 9 Cts/S	90317	542.49	0.60065	90700	89933
Y_3710	371.030	{ 9 Cts/S	8436.6	40.602	0.48125	8465.3	8407.9

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Custom ID3=
Run Time=1/14/2012 9:50:31
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0019	0.0003	17.51	-0.0017	-0.0021
Al3082	308.215	{1 In2306	ppm	279.8	2.911	1.04	277.7	281.9
As1890	189.042	{4 Y_2243	ppm	0.1225	0	0.0369	0.1225	0.1225
B_2496	249.678	{1 Y_3710	ppm	0.0562	0.0019	3.397	0.0575	0.0548
Ba4554	455.403	{ 7 Y_3710	ppm	2.718	0.0006	0.023	2.718	2.717
Be3130	313.042	{1 Y_3710	ppm	0.0126	0.0002	1.9	0.0127	0.0124
Ca3158	315.887	{1 In2306	ppm	2417	27.01	1.117	2398	2436
Ca3181	318.128	{1 In2306	ppm	2533	42.81	1.69	2503	2563
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0001	2.675	0.0055	0.0053
Co2286	228.616	{4 In2306	ppm	0.1609	0.0014	0.8843	0.1619	0.1599
Cr2677	267.716	{1 Y_3600	ppm	0.1564	0	0.0081	0.1564	0.1564
Cu3247	324.754	{1 Y_3600	ppm	0.125	0.0013	1.024	0.1241	0.1259
Fe2404	240.488	{1 In2306	ppm	194.5	3.048	1.567	192.4	196.7
K_7664	766.490	{ 4 Y_3710	ppm	25.19	0.0898	0.3565	25.26	25.13
K_7698	769.896	{ 4 Y_3710	ppm	25.9	0.211	0.8147	26.05	25.75
Li6707	670.784	{ 5 Y_3710	ppm	0.1892	0.0001	0.0362	0.1892	0.1891
Mg2790	279.079	{1 Y_3710	ppm	33.89	0.3581	1.057	33.64	34.14
Mn2576	257.610	{1 Y_3600	ppm	12.97	0.2409	1.857	12.8	13.14
Mn2576-2	257.610	{1 Y_3710	ppm	16.39	0.0273	0.1663	16.37	16.41
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0002	179.8	0	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	1.662	0.0135	0.8141	1.672	1.653
Na8183	818.326	{ 4 Y_3710	ppm	1.5	0.1676	11.17	1.619	1.382
Ni2316	231.604	{4 In2306	ppm	0.3297	0.003	0.915	0.3319	0.3276
P_1782	178.284	{4 In2306	ppm	7.934	0.0131	0.1646	7.943	7.924
Pb2203	220.353	{4 In2306	ppm	0.2742	0.0006	0.2116	0.2746	0.2738
S_1820	182.034	{4 Y_2243	ppm	-1933	6.264	0.3241	-1928	-1937
Sb2068	206.833	{4 Y_2243	ppm	-0.005	0	0.1033	-0.005	-0.005
Se1960	196.090	{4 Y_2243	ppm	0.014	0.0039	27.97	0.0113	0.0168
Si2516	251.611	{1 Y_3710	ppm	19.3	0.1034	0.5356	19.37	19.23
Sn1899	189.989	{4 In2306	ppm	0.0429	0.0011	2.456	0.0437	0.0422
Sr4215	421.552	{ 8 Y_3710	ppm	4.26	0.0005	0.0127	4.26	4.261
Ti3349	334.904	{1 Y_3600	ppm	0.2494	0.0021	0.8345	0.2479	0.2508
Tl1908	190.856	{4 In2306	ppm	-0.0303	0.0023	7.696	-0.0287	-0.032
V_2924	292.402	{1 Y_3600	ppm	0.4241	0.0025	0.5967	0.4223	0.4259
Zn2062	206.200	{4 In2306	ppm	0.7709	0.0021	0.2786	0.7724	0.7694

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	77.664	0.86224	1.1102	78.274	77.055
In2306	230.606	{4 Cts/S	7351.4	3.283	0.04466	7353.7	7349.1
Y_2243	224.306	{4 Cts/S	13316	36.963	0.27758	13342	13290
Y_3600	360.073	{ 9 Cts/S	94379	383.53	0.40637	94650	94108
Y_3710	371.030	{ 9 Cts/S	8236.1	12.654	0.15364	8227.2	8245.1

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 9:53:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4808	0.0004	0.0887	0.4805	0.4811
Al3082	308.215	{1 In2306	ppm	201.4	5.074	2.519	197.9	205
As1890	189.042	{4 Y_2243	ppm	1.075	0.0049	0.4523	1.079	1.072
B_2496	249.678	{1 Y_3710	ppm	0.8975	0.0111	1.232	0.8897	0.9053
Ba4554	455.403	{ 7 Y_3710	ppm	3.033	0.0041	0.1337	3.03	3.035
Be3130	313.042	{1 Y_3710	ppm	0.446	0.0015	0.3381	0.445	0.4471
Ca3158	315.887	{1 In2306	ppm	2296	48.79	2.125	2261	2330
Ca3181	318.128	{1 In2306	ppm	2380	65.31	2.744	2334	2426
Cd2288	228.802	{4 Y_2243	ppm	0.4725	0.0016	0.3364	0.4737	0.4714
Co2286	228.616	{4 In2306	ppm	1.061	0.0033	0.3079	1.063	1.059
Cr2677	267.716	{1 Y_3600	ppm	0.8445	0.0082	0.9743	0.8503	0.8386
Cu3247	324.754	{1 Y_3600	ppm	0.9984	0.0015	0.1531	0.9994	0.9973
Fe2404	240.488	{1 In2306	ppm	158.6	3.909	2.465	155.9	161.4
K_7664	766.490	{ 4 Y_3710	ppm	31.47	0.0461	0.1465	31.5	31.43
K_7698	769.896	{ 4 Y_3710	ppm	32.49	0.064	0.1971	32.53	32.44
Li6707	670.784	{ 5 Y_3710	ppm	1.25	0.0049	0.3917	1.254	1.247
Mg2790	279.079	{1 Y_3710	ppm	34.63	0.0447	0.1292	34.66	34.59
Mn2576	257.610	{1 Y_3600	ppm	10.24	0.0914	0.8926	10.31	10.18
Mn2576-2	257.610	{1 Y_3710	ppm	12.25	0.0141	0.1148	12.24	12.26
Mo2020	202.030	{4 Y_2243	ppm	0.8912	0.0046	0.5211	0.8945	0.888
Na5895	589.592	{ 5 Y_3710	ppm	12.31	0.031	0.2522	12.33	12.29
Na8183	818.326	{ 4 Y_3710	ppm	13.59	0.1419	1.044	13.49	13.69
Ni2316	231.604	{4 In2306	ppm	1.235	0.0013	0.1013	1.236	1.234
P_1782	178.284	{4 In2306	ppm	10.28	0.0077	0.0748	10.29	10.28
Pb2203	220.353	{4 In2306	ppm	1.3	0.0034	0.2605	1.302	1.297
S_1820	182.034	{4 Y_2243	ppm	-2800	10.37	0.3703	-2807	-2792
Sb2068	206.833	{4 Y_2243	ppm	0.9616	0.0022	0.2335	0.9632	0.96
Se1960	196.090	{4 Y_2243	ppm	1.031	0.0044	0.4295	1.034	1.028
Si2516	251.611	{1 Y_3710	ppm	16.05	0.0681	0.4239	16.1	16.01
Sn1899	189.989	{4 In2306	ppm	0.9488	0.0057	0.601	0.9528	0.9447
Sr4215	421.552	{ 8 Y_3710	ppm	5.568	0.0072	0.1287	5.563	5.573
Ti3349	334.904	{1 Y_3600	ppm	0.9512	0.0058	0.6066	0.9553	0.9471
Tl1908	190.856	{4 In2306	ppm	0.8214	0.0046	0.5628	0.8246	0.8181
V_2924	292.402	{1 Y_3600	ppm	1.027	0.0054	0.5239	1.031	1.023
Zn2062	206.200	{4 In2306	ppm	1.637	0.0005	0.0336	1.637	1.637

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	75.942	1.736	2.2859	77.17	74.715
In2306	230.606	{4 Cts/S	7414.5	0.53187	0.00717	7414.2	7414.9
Y_2243	224.306	{4 Cts/S	12992	17.277	0.13298	12980	13004
Y_3600	360.073	{ 9 Cts/S	93022	379.29	0.40775	92754	93290
Y_3710	371.030	{ 9 Cts/S	8246.3	6.1979	0.07516	8242	8250.7

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 9:55:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0	2.549	-0.0003	-0.0003
Al3082	308.215	{1 In2306	ppm	37.25	1.08	2.899	38.01	36.49
As1890	189.042	{4 Y_2243	ppm	0.0185	0.0022	11.81	0.0169	0.02
B_2496	249.678	{1 Y_3710	ppm	0.002	0.0023	115.2	0.0004	0.0036
Ba4554	455.403	{ 7 Y_3710	ppm	0.402	0.0004	0.0993	0.4017	0.4023
Be3130	313.042	{1 Y_3710	ppm	0.0019	0.0001	2.971	0.0019	0.0018
Ca3158	315.887	{1 In2306	ppm	489.4	13.62	2.784	499.1	479.8
Ca3181	318.128	{1 In2306	ppm	475.1	13.56	2.855	484.7	465.5
Cd2288	228.802	{4 Y_2243	ppm	0.0017	0.0009	54.98	0.001	0.0023
Co2286	228.616	{4 In2306	ppm	0.0237	0.0022	9.418	0.0221	0.0252
Cr2677	267.716	{1 Y_3600	ppm	0.0271	0.0001	0.3617	0.0272	0.0271
Cu3247	324.754	{1 Y_3600	ppm	0.0251	0.0002	0.7621	0.0252	0.025
Fe2404	240.488	{1 In2306	ppm	30.29	0.8402	2.774	30.89	29.7
K_7664	766.490	{ 4 Y_3710	ppm	4.165	0.0307	0.7368	4.143	4.187
K_7698	769.896	{ 4 Y_3710	ppm	4.251	0.0401	0.9441	4.223	4.279
Li6707	670.784	{ 5 Y_3710	ppm	0.0255	0.001	4.009	0.0262	0.0248
Mg2790	279.079	{1 Y_3710	ppm	5.63	0.0384	0.682	5.602	5.657
Mn2576	257.610	{1 Y_3600	ppm	2.39	0.0092	0.3854	2.396	2.383
Mn2576-2	257.610	{1 Y_3710	ppm	2.438	0.0063	0.2584	2.443	2.434
Mo2020	202.030	{4 Y_2243	ppm	0.0037	0.0032	85.78	0.0015	0.006
Na5895	589.592	{ 5 Y_3710	ppm	0.3354	0.001	0.3008	0.3347	0.3362
Na8183	818.326	{ 4 Y_3710	ppm	-0.2228	0.1324	59.41	-0.1292	-0.3164
Ni2316	231.604	{4 In2306	ppm	0.0505	0.0029	5.649	0.0485	0.0525
P_1782	178.284	{4 In2306	ppm	1.722	0.0166	0.9633	1.71	1.734
Pb2203	220.353	{4 In2306	ppm	0.0764	0.0038	5.006	0.0737	0.0791
S_1820	182.034	{4 Y_2243	ppm	-605.5	3.863	0.638	-602.8	-608.2
Sb2068	206.833	{4 Y_2243	ppm	0.0078	0.0017	22.4	0.0065	0.009
Se1960	196.090	{4 Y_2243	ppm	0.0041	0.0005	12.22	0.0038	0.0045
Si2516	251.611	{1 Y_3710	ppm	3.133	0.0048	0.1518	3.13	3.137
Sn1899	189.989	{4 In2306	ppm	0.0114	0.003	26.38	0.0093	0.0135
Sr4215	421.552	{ 8 Y_3710	ppm	1.046	0.0016	0.1489	1.045	1.047
Ti3349	334.904	{1 Y_3600	ppm	0.0488	0.0001	0.1907	0.0487	0.0488
Tl1908	190.856	{4 In2306	ppm	-0.0023	0.0004	17.7	-0.0026	-0.002
V_2924	292.402	{1 Y_3600	ppm	0.0709	0.0004	0.5543	0.0712	0.0707
Zn2062	206.200	{4 In2306	ppm	0.1477	0.0026	1.728	0.1459	0.1495

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	80.909	2.0011	2.4733	79.494	82.324
In2306	230.606	{4 Cts/S	9062.8	17.554	0.19369	9075.2	9050.4
Y_2243	224.306	{4 Cts/S	13417	42.18	0.31438	13447	13387
Y_3600	360.073	{ 9 Cts/S	97125	171.79	0.17687	97004	97247
Y_3710	371.030	{ 9 Cts/S	8395.4	1.5813	0.01883	8396.6	8394.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0003	0.0005	198.3	-0.0001	0.0006
Al3082	308.215	{1	In2306	ppm	0.0364	0.0249	68.37	0.0188	0.054
As1890	189.042	{4	Y_2243	ppm	0	0.0006	1399	0.0005	-0.0004
B_2496	249.678	{1	Y_3710	ppm	0.0043	0.0045	103.3	0.0012	0.0075
Ba4554	455.403	{ 7	Y_3710	ppm	0.0029	0	1.543	0.0029	0.0029
Be3130	313.042	{1	Y_3710	ppm	0	0	4.945	0	0
Ca3158	315.887	{1	In2306	ppm	0.0221	0.0185	83.73	0.0352	0.009
Ca3181	318.128	{1	In2306	ppm	0.0724	0.1133	156.6	0.1525	-0.0078
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0.0001	81.56	0.0001	0.0002
Co2286	228.616	{4	In2306	ppm	0.0001	0	27.68	0.0001	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0	0.0003	522	0.0001	-0.0002
Cu3247	324.754	{1	Y_3600	ppm	0.0008	0.0004	53.37	0.0011	0.0005
Fe2404	240.488	{1	In2306	ppm	0.0003	0	0.2486	0.0003	0.0003
K_7664	766.490	{ 4	Y_3710	ppm	0.0255	0.0186	72.88	0.0386	0.0123
K_7698	769.896	{ 4	Y_3710	ppm	-0.0635	0.0258	40.68	-0.0817	-0.0452
Li6707	670.784	{ 5	Y_3710	ppm	-0.0008	0.0006	72.27	-0.0012	-0.0004
Mg2790	279.079	{1	Y_3710	ppm	-0.0003	0.0013	458.9	-0.0012	0.0006
Mn2576	257.610	{1	Y_3600	ppm	0.0003	0	1.839	0.0003	0.0003
Mn2576-2	257.610	{1	Y_3710	ppm	0.002	0.0002	9.483	0.0021	0.0018
Mo2020	202.030	{4	Y_2243	ppm	0.0003	0.0003	110.4	0.0001	0.0005
Na5895	589.592	{ 5	Y_3710	ppm	0.0072	0.0098	137.1	0.0141	0.0002
Na8183	818.326	{ 4	Y_3710	ppm	-0.7496	0.0753	10.04	-0.6964	-0.8029
Ni2316	231.604	{4	In2306	ppm	0.0005	0	4.75	0.0005	0.0005
P_1782	178.284	{4	In2306	ppm	0.0244	0.0037	15.2	0.0218	0.027
Pb2203	220.353	{4	In2306	ppm	-0.0002	0.0013	552.4	-0.0011	0.0007
S_1820	182.034	{4	Y_2243	ppm	-2.545	0.4514	17.74	-2.225	-2.864
Sb2068	206.833	{4	Y_2243	ppm	0.0044	0.0001	2.53	0.0045	0.0043
Se1960	196.090	{4	Y_2243	ppm	-0.0011	0.0007	63.16	-0.0006	-0.0015
Si2516	251.611	{1	Y_3710	ppm	0.0211	0.0161	76.18	0.0097	0.0324
Sn1899	189.989	{4	In2306	ppm	0.0275	0.0001	0.4443	0.0275	0.0274
Sr4215	421.552	{ 8	Y_3710	ppm	0.0001	0.0001	106.8	0	0.0002
Ti3349	334.904	{1	Y_3600	ppm	0.0004	0	11.67	0.0004	0.0005
Tl1908	190.856	{4	In2306	ppm	0.0005	0.0001	18.99	0.0004	0.0005
V_2924	292.402	{1	Y_3600	ppm	-0.0004	0.0001	15.2	-0.0004	-0.0003
Zn2062	206.200	{4	In2306	ppm	0.0034	0.0005	13.9	0.0031	0.0037

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	80.223	0.91722	1.1433	79.574	80.872
In2306	230.606	{4	Cts/S	10861	46.668	0.42968	10894	10828
Y_2243	224.306	{4	Cts/S	13974	68.402	0.4895	14022	13925
Y_3600	360.073	{ 9	Cts/S	105470	109.36	0.10369	105550	105400
Y_3710	371.030	{ 9	Cts/S	8810.1	2.3295	0.02644	8808.5	8811.8

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 10:01:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4477	0.0004	0.0952	0.448	0.4474
Al3082	308.215	{1 In2306	ppm	95.75	0.2061	0.2152	95.89	95.6
As1890	189.042	{4 Y_2243	ppm	1.445	0.0047	0.3261	1.448	1.441
B_2496	249.678	{1 Y_3710	ppm	0.7474	0.0027	0.3614	0.7493	0.7455
Ba4554	455.403	{ 7 Y_3710	ppm	2.731	0.0076	0.2796	2.736	2.725
Be3130	313.042	{1 Y_3710	ppm	1.424	0.0031	0.2175	1.427	1.422
Ca3158	315.887	{1 In2306	ppm	118.2	0.317	0.2682	118	118.4
Ca3181	318.128	{1 In2306	ppm	113.2	0.4196	0.3707	112.9	113.5
Cd2288	228.802	{4 Y_2243	ppm	0.7503	0.0032	0.4293	0.7526	0.748
Co2286	228.616	{4 In2306	ppm	1.434	0.006	0.4149	1.438	1.43
Cr2677	267.716	{1 Y_3600	ppm	0.8939	0.0027	0.3067	0.892	0.8959
Cu3247	324.754	{1 Y_3600	ppm	1.054	0.0045	0.4299	1.051	1.057
Fe2404	240.488	{1 In2306	ppm	172	0.5574	0.3241	171.6	172.4
K_7664	766.490	{ 4 Y_3710	ppm	49.08	0.2834	0.5775	49.28	48.88
K_7698	769.896	{ 4 Y_3710	ppm	50.21	0.2318	0.4616	50.38	50.05
Li6707	670.784	{ 5 Y_3710	ppm	0.0949	0.0004	0.4383	0.0951	0.0946
Mg2790	279.079	{1 Y_3710	ppm	33.98	0.0077	0.0227	33.97	33.98
Mn2576	257.610	{1 Y_3600	ppm	4.596	0.0429	0.9338	4.565	4.626
Mn2576-2	257.610	{1 Y_3710	ppm	4.676	0.0048	0.1026	4.673	4.68
Mo2020	202.030	{4 Y_2243	ppm	1.021	0.0061	0.5999	1.025	1.017
Na5895	589.592	{ 5 Y_3710	ppm	6.491	0.0398	0.6126	6.519	6.463
Na8183	818.326	{ 4 Y_3710	ppm	7.317	0.0639	0.8737	7.272	7.362
Ni2316	231.604	{4 In2306	ppm	1.436	0.01	0.6995	1.444	1.429
P_1782	178.284	{4 In2306	ppm	8.133	0.0308	0.379	8.154	8.111
Pb2203	220.353	{4 In2306	ppm	1.391	0.0104	0.7466	1.398	1.384
S_1820	182.034	{4 Y_2243	ppm	-1496	7.231	0.4835	-1501	-1491
Sb2068	206.833	{4 Y_2243	ppm	0.794	0.0132	1.658	0.8033	0.7847
Se1960	196.090	{4 Y_2243	ppm	2.213	0.0107	0.4828	2.22	2.205
Si2516	251.611	{1 Y_3710	ppm	4.45	0.0077	0.1725	4.444	4.455
Sn1899	189.989	{4 In2306	ppm	1.499	0.0074	0.4935	1.505	1.494
Sr4215	421.552	{ 8 Y_3710	ppm	2.622	0.0017	0.0646	2.624	2.621
Ti3349	334.904	{1 Y_3600	ppm	2.954	0.0101	0.3413	2.947	2.961
Tl1908	190.856	{4 In2306	ppm	1.515	0.0003	0.0203	1.515	1.514
V_2924	292.402	{1 Y_3600	ppm	0.5062	0.0022	0.4272	0.5047	0.5077
Zn2062	206.200	{4 In2306	ppm	2.066	0.0052	0.2531	2.07	2.063

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	76.102	0.04608	0.06055	76.07	76.135
In2306	230.606	{4 Cts/S	9377.7	29.048	0.30975	9357.2	9398.2
Y_2243	224.306	{4 Cts/S	13811	59.783	0.43287	13769	13853
Y_3600	360.073	{ 9 Cts/S	101500	284.54	0.28033	101700	101300
Y_3710	371.030	{ 9 Cts/S	8731.7	17.462	0.19999	8719.4	8744.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0004	0	7.109	-0.0004	-0.0003
Al3082	308.215	{1 In2306	ppm	0.6295	0.0477	7.569	0.6632	0.5958
As1890	189.042	{4 Y_2243	ppm	0.0096	0.004	41.49	0.0068	0.0125
B_2496	249.678	{1 Y_3710	ppm	0.0065	0.0082	125.8	0.0123	0.0007
Ba4554	455.403	{ 7 Y_3710	ppm	8.193	0.0092	0.1119	8.199	8.187
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	327.8	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	2.929	0.085	2.902	2.989	2.868
Ca3181	318.128	{1 In2306	ppm	2.846	0.0956	3.359	2.913	2.778
Cd2288	228.802	{4 Y_2243	ppm	0.0021	0.0029	135	0.0001	0.0042
Co2286	228.616	{4 In2306	ppm	0.0106	0.0056	53.1	0.0066	0.0145
Cr2677	267.716	{1 Y_3600	ppm	0.0389	0.0007	1.719	0.0384	0.0393
Cu3247	324.754	{1 Y_3600	ppm	0.1284	0.0006	0.4711	0.128	0.1289
Fe2404	240.488	{1 In2306	ppm	57.34	1.311	2.286	58.26	56.41
K_7664	766.490	{ 4 Y_3710	ppm	0.0435	0.0356	81.75	0.0687	0.0184
K_7698	769.896	{ 4 Y_3710	ppm	0.1573	0.0285	18.12	0.1775	0.1372
Li6707	670.784	{ 5 Y_3710	ppm	0.0006	0.0014	234.4	-0.0004	0.0016
Mg2790	279.079	{1 Y_3710	ppm	3.813	0.0249	0.6525	3.796	3.831
Mn2576	257.610	{1 Y_3600	ppm	0.4217	0.0047	1.108	0.4183	0.425
Mn2576-2	257.610	{1 Y_3710	ppm	0.398	0.0014	0.3561	0.397	0.399
Mo2020	202.030	{4 Y_2243	ppm	0.0144	0.0058	39.93	0.0103	0.0185
Na5895	589.592	{ 5 Y_3710	ppm	0.0273	0.0033	12.22	0.025	0.0297
Na8183	818.326	{ 4 Y_3710	ppm	-0.606	0.1265	20.87	-0.5165	-0.6954
Ni2316	231.604	{4 In2306	ppm	0.0289	0.0057	19.68	0.0248	0.0329
P_1782	178.284	{4 In2306	ppm	0.0785	0.0262	33.35	0.06	0.097
Pb2203	220.353	{4 In2306	ppm	0.0145	0.0042	28.67	0.0116	0.0175
S_1820	182.034	{4 Y_2243	ppm	-1810	5.789	0.3199	-1814	-1806
Sb2068	206.833	{4 Y_2243	ppm	0.0229	0.0052	22.62	0.0193	0.0266
Se1960	196.090	{4 Y_2243	ppm	0.0053	0.0062	117.1	0.0009	0.0096
Si2516	251.611	{1 Y_3710	ppm	0.5352	0.0143	2.671	0.5251	0.5453
Sn1899	189.989	{4 In2306	ppm	0.0167	0.0067	40.46	0.0119	0.0214
Sr4215	421.552	{ 8 Y_3710	ppm	8.422	0.0275	0.3266	8.402	8.441
Ti3349	334.904	{1 Y_3600	ppm	0.1005	0.0014	1.348	0.0995	0.1014
Tl1908	190.856	{4 In2306	ppm	0.006	0.008	134	0.0003	0.0116
V_2924	292.402	{1 Y_3600	ppm	0.0059	0.0005	7.762	0.0062	0.0055
Zn2062	206.200	{4 In2306	ppm	0.0615	0.0074	12.02	0.0563	0.0668

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	81.239	1.8336	2.2571	79.943	82.536
In2306	230.606	{4 Cts/S	10645	2.0331	0.0191	10644	10647
Y_2243	224.306	{4 Cts/S	13900	9.4018	0.06764	13894	13907
Y_3600	360.073	{ 9 Cts/S	103650	869.96	0.83935	104260	103030
Y_3710	371.030	{ 9 Cts/S	8790.4	20.89	0.23765	8805.1	8775.6

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Custom ID1=
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0	104.4	0.0001	0
Al3082	308.215	{1	In2306	ppm	0.434	0.0272	6.274	0.4147	0.4532
As1890	189.042	{4	Y_2243	ppm	0.0017	0.0002	11.73	0.0018	0.0016
B_2496	249.678	{1	Y_3710	ppm	-0.0038	0.0035	92.62	-0.0063	-0.0013
Ba4554	455.403	{ 7	Y_3710	ppm	0.0063	0.0003	4.979	0.0065	0.0061
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0	3.099	-0.0002	-0.0002
Ca3158	315.887	{1	In2306	ppm	0.543	0.0102	1.872	0.5358	0.5502
Ca3181	318.128	{1	In2306	ppm	0.5727	0.0347	6.067	0.5973	0.5481
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0.0001	53.46	0.0001	0.0001
Co2286	228.616	{4	In2306	ppm	0.0005	0.0003	61.82	0.0003	0.0007
Cr2677	267.716	{1	Y_3600	ppm	-0.0002	0.0003	134	0	-0.0004
Cu3247	324.754	{1	Y_3600	ppm	0.0011	0.0002	17.64	0.0012	0.001
Fe2404	240.488	{1	In2306	ppm	0.4356	0.0149	3.414	0.4461	0.425
K_7664	766.490	{ 4	Y_3710	ppm	0.0477	0.018	37.76	0.0605	0.035
K_7698	769.896	{ 4	Y_3710	ppm	0.0615	0.0619	100.7	0.0177	0.1053
Li6707	670.784	{ 5	Y_3710	ppm	-0.0009	0.0002	20.16	-0.0011	-0.0008
Mg2790	279.079	{1	Y_3710	ppm	1.011	0.0435	4.302	1.042	0.9807
Mn2576	257.610	{1	Y_3600	ppm	0.0112	0.0001	0.5102	0.0112	0.0113
Mn2576-2	257.610	{1	Y_3710	ppm	0.0122	0.0001	0.4952	0.0122	0.0122
Mo2020	202.030	{4	Y_2243	ppm	0.0004	0.0003	78.69	0.0002	0.0006
Na5895	589.592	{ 5	Y_3710	ppm	0.1556	0.0101	6.49	0.1627	0.1484
Na8183	818.326	{ 4	Y_3710	ppm	-0.0802	0.0938	117.1	-0.0138	-0.1465
Ni2316	231.604	{4	In2306	ppm	0.0005	0.0002	38.46	0.0004	0.0006
P_1782	178.284	{4	In2306	ppm	0.0218	0.0007	3.307	0.0213	0.0224
Pb2203	220.353	{4	In2306	ppm	0.0003	0.0006	197.6	-0.0001	0.0008
S_1820	182.034	{4	Y_2243	ppm	-18.65	5.635	30.21	-14.66	-22.63
Sb2068	206.833	{4	Y_2243	ppm	0.0065	0.0001	1.234	0.0066	0.0065
Se1960	196.090	{4	Y_2243	ppm	0.0008	0.0001	11.15	0.0008	0.0009
Si2516	251.611	{1	Y_3710	ppm	0.189	0.0091	4.819	0.1955	0.1826
Sn1899	189.989	{4	In2306	ppm	0.003	0.0004	12.07	0.0028	0.0033
Sr4215	421.552	{ 8	Y_3710	ppm	0.0017	0.0001	7.136	0.0018	0.0016
Ti3349	334.904	{1	Y_3600	ppm	0.002	0.0003	15.23	0.0018	0.0023
Tl1908	190.856	{4	In2306	ppm	0.0002	0.0004	170.7	-0.0001	0.0005
V_2924	292.402	{1	Y_3600	ppm	0.002	0.0002	9.866	0.0021	0.0019
Zn2062	206.200	{4	In2306	ppm	0.0077	0.0006	8.435	0.0072	0.0082

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	80.68	0.00528	0.00654	80.684	80.676
In2306	230.606	{4	Cts/S	10930	24.372	0.22299	10947	10912
Y_2243	224.306	{4	Cts/S	13894	7.9723	0.05738	13900	13888
Y_3600	360.073	{ 9	Cts/S	105830	792.13	0.74852	106390	105270
Y_3710	371.030	{ 9	Cts/S	8805.4	19.303	0.21921	8791.8	8819.1

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 10:08:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0006	467.5	0.0005	-0.0003
Al3082	308.215	{1 In2306	ppm	0.4437	0.0061	1.373	0.4481	0.4394
As1890	189.042	{4 Y_2243	ppm	0.0005	0.0009	187.2	0.0011	-0.0001
B_2496	249.678	{1 Y_3710	ppm	0.0059	0.0048	82.3	0.0093	0.0025
Ba4554	455.403	{ 7 Y_3710	ppm	0.6604	0.0039	0.5974	0.6576	0.6632
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	95.25	0.0001	0
Ca3158	315.887	{1 In2306	ppm	47.4	0.4611	0.9728	47.08	47.73
Ca3181	318.128	{1 In2306	ppm	45.6	0.4417	0.9684	45.29	45.92
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	262.4	0	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0	17.21	0.0002	0.0002
Cr2677	267.716	{1 Y_3600	ppm	0.0006	0	1.372	0.0006	0.0006
Cu3247	324.754	{1 Y_3600	ppm	0.0011	0.0001	5.579	0.0011	0.0011
Fe2404	240.488	{1 In2306	ppm	0.0688	0.0061	8.851	0.0645	0.0731
K_7664	766.490	{ 4 Y_3710	ppm	-0.0065	0.0016	24.19	-0.0054	-0.0076
K_7698	769.896	{ 4 Y_3710	ppm	0.1139	0.0375	32.94	0.0873	0.1404
Li6707	670.784	{ 5 Y_3710	ppm	-0.0006	0.0009	151.6	0	-0.0013
Mg2790	279.079	{1 Y_3710	ppm	0.2952	0.0058	1.97	0.2911	0.2993
Mn2576	257.610	{1 Y_3600	ppm	0.0035	0	0.4723	0.0035	0.0036
Mn2576-2	257.610	{1 Y_3710	ppm	0.005	0.0008	15.91	0.0056	0.0044
Mo2020	202.030	{4 Y_2243	ppm	0	0.0001	271.6	0	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.1053	0.0077	7.319	0.0999	0.1107
Na8183	818.326	{ 4 Y_3710	ppm	-0.1362	0.067	49.18	-0.1835	-0.0888
Ni2316	231.604	{4 In2306	ppm	0.0003	0.0001	21.24	0.0002	0.0003
P_1782	178.284	{4 In2306	ppm	0.1629	0.0016	0.9582	0.164	0.1618
Pb2203	220.353	{4 In2306	ppm	0.0003	0.0003	91.34	0.0001	0.0005
S_1820	182.034	{4 Y_2243	ppm	-90.58	0.3754	0.4144	-90.85	-90.32
Sb2068	206.833	{4 Y_2243	ppm	0.0038	0.0005	14	0.0034	0.0042
Se1960	196.090	{4 Y_2243	ppm	-0.0007	0.0014	218.7	-0.0017	0.0004
Si2516	251.611	{1 Y_3710	ppm	0.0645	0	0.0353	0.0645	0.0645
Sn1899	189.989	{4 In2306	ppm	0.0168	0.0001	0.5563	0.0167	0.0168
Sr4215	421.552	{ 8 Y_3710	ppm	0.0437	0	0.0806	0.0437	0.0437
Ti3349	334.904	{1 Y_3600	ppm	0.0668	0.0006	0.8329	0.0672	0.0664
Tl1908	190.856	{4 In2306	ppm	0.0013	0	3.315	0.0014	0.0013
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0001	160.2	-0.0002	0
Zn2062	206.200	{4 In2306	ppm	0.0911	0.0004	0.4933	0.0914	0.0908

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	80.614	0.66908	0.82998	81.087	80.141
In2306	230.606	{4 Cts/S	10445	19.579	0.18744	10459	10431
Y_2243	224.306	{4 Cts/S	13593	21.207	0.15601	13608	13578
Y_3600	360.073	{ 9 Cts/S	103030	68.386	0.06638	102980	103080
Y_3710	371.030	{ 9 Cts/S	8736.5	21.29	0.24369	8751.5	8721.4

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 10:11:33
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2358	0.0078	3.292	0.2413	0.2303
Al3082	308.215	{1 In2306	ppm	2.92	0.0197	0.674	2.934	2.906
As1890	189.042	{4 Y_2243	ppm	0.5323	0.0004	0.0793	0.5326	0.532
B_2496	249.678	{1 Y_3710	ppm	0.4277	0.0081	1.898	0.4335	0.422
Ba4554	455.403	{ 7 Y_3710	ppm	0.5151	0.0013	0.247	0.5142	0.516
Be3130	313.042	{1 Y_3710	ppm	0.4577	0.0001	0.0113	0.4577	0.4576
Ca3158	315.887	{1 In2306	ppm	14.61	0.0221	0.1516	14.59	14.62
Ca3181	318.128	{1 In2306	ppm	14.04	0.0767	0.5461	13.99	14.09
Cd2288	228.802	{4 Y_2243	ppm	0.5037	0.0027	0.5358	0.5056	0.5018
Co2286	228.616	{4 In2306	ppm	0.4723	0.0021	0.4388	0.4738	0.4708
Cr2677	267.716	{1 Y_3600	ppm	0.4434	0.017	3.83	0.4554	0.4314
Cu3247	324.754	{1 Y_3600	ppm	0.4688	0.0185	3.937	0.4819	0.4558
Fe2404	240.488	{1 In2306	ppm	2.628	0.0102	0.3869	2.636	2.621
K_7664	766.490	{ 4 Y_3710	ppm	13.39	0.1387	1.036	13.29	13.49
K_7698	769.896	{ 4 Y_3710	ppm	13.48	0.0542	0.4023	13.44	13.52
Li6707	670.784	{ 5 Y_3710	ppm	0.5583	0.007	1.257	0.5534	0.5633
Mg2790	279.079	{1 Y_3710	ppm	4.174	0.1292	3.096	4.266	4.083
Mn2576	257.610	{1 Y_3600	ppm	0.4608	0.0172	3.736	0.4729	0.4486
Mn2576-2	257.610	{1 Y_3710	ppm	0.4366	0.0053	1.21	0.4403	0.4328
Mo2020	202.030	{4 Y_2243	ppm	0.5521	0.004	0.716	0.5549	0.5493
Na5895	589.592	{ 5 Y_3710	ppm	13.26	0.1421	1.072	13.16	13.36
Na8183	818.326	{ 4 Y_3710	ppm	14.27	0.072	0.5046	14.22	14.32
Ni2316	231.604	{4 In2306	ppm	0.5018	0.0023	0.4597	0.5035	0.5002
P_1782	178.284	{4 In2306	ppm	-0.0016	0.0004	24.92	-0.0019	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.4847	0.0022	0.4454	0.4862	0.4832
S_1820	182.034	{4 Y_2243	ppm	-364.6	1.681	0.461	-365.8	-363.4
Sb2068	206.833	{4 Y_2243	ppm	0.529	0.001	0.1956	0.5297	0.5282
Se1960	196.090	{4 Y_2243	ppm	0.553	0.0015	0.2769	0.5541	0.5519
Si2516	251.611	{1 Y_3710	ppm	0.6831	0.0077	1.132	0.6886	0.6777
Sn1899	189.989	{4 In2306	ppm	0.453	0.0033	0.7379	0.4554	0.4506
Sr4215	421.552	{ 8 Y_3710	ppm	0.2719	0.0005	0.1879	0.2723	0.2716
Ti3349	334.904	{1 Y_3600	ppm	0.4238	0.0148	3.495	0.4343	0.4133
Tl1908	190.856	{4 In2306	ppm	0.4565	0.0018	0.4008	0.4578	0.4552
V_2924	292.402	{1 Y_3600	ppm	0.4281	0.0157	3.661	0.4392	0.417
Zn2062	206.200	{4 In2306	ppm	0.4595	0.0019	0.4036	0.4608	0.4582

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	80.449	0.83685	1.0402	81.041	79.857
In2306	230.606	{4 Cts/S	10348	26.136	0.25256	10330	10367
Y_2243	224.306	{4 Cts/S	13764	34.769	0.25261	13739	13789
Y_3600	360.073	{ 9 Cts/S	102350	3143.2	3.071	100130	104580
Y_3710	371.030	{ 9 Cts/S	8737.7	3.3478	0.03831	8735.4	8740.1

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 10:14:01
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0045	0.0003	6.566	0.0043	0.0048
Al3082	308.215	{1 In2306	ppm	0.1871	0.0238	12.72	0.2039	0.1702
As1890	189.042	{4 Y_2243	ppm	0.0116	0.0012	10.36	0.0108	0.0125
B_2496	249.678	{1 Y_3710	ppm	0.0129	0.0061	47.7	0.0172	0.0085
Ba4554	455.403	{ 7 Y_3710	ppm	0.0104	0.0001	0.7411	0.0105	0.0104
Be3130	313.042	{1 Y_3710	ppm	0.0044	0.0001	1.5	0.0044	0.0043
Ca3158	315.887	{1 In2306	ppm	0.084	0.0204	24.33	0.0696	0.0985
Ca3181	318.128	{1 In2306	ppm	0.1787	0.0251	14.07	0.1965	0.1609
Cd2288	228.802	{4 Y_2243	ppm	0.0063	0.0017	26.3	0.0052	0.0075
Co2286	228.616	{4 In2306	ppm	0.0106	0.0015	14.01	0.0095	0.0116
Cr2677	267.716	{1 Y_3600	ppm	0.0085	0.0003	3.556	0.0082	0.0087
Cu3247	324.754	{1 Y_3600	ppm	0.0106	0.0001	1.022	0.0107	0.0105
Fe2404	240.488	{1 In2306	ppm	0.1135	0.0163	14.36	0.125	0.1019
K_7664	766.490	{ 4 Y_3710	ppm	0.6598	0.0079	1.199	0.6654	0.6542
K_7698	769.896	{ 4 Y_3710	ppm	0.6827	0.005	0.7381	0.6863	0.6791
Li6707	670.784	{ 5 Y_3710	ppm	0.0104	0.0001	1.049	0.0103	0.0104
Mg2790	279.079	{1 Y_3710	ppm	0.0615	0.0575	93.5	0.0208	0.1022
Mn2576	257.610	{1 Y_3600	ppm	0.0096	0	0.2403	0.0096	0.0096
Mn2576-2	257.610	{1 Y_3710	ppm	0.0102	0.0009	8.32	0.0096	0.0108
Mo2020	202.030	{4 Y_2243	ppm	0.0137	0.0026	18.8	0.0119	0.0156
Na5895	589.592	{ 5 Y_3710	ppm	0.6312	0.008	1.271	0.6369	0.6256
Na8183	818.326	{ 4 Y_3710	ppm	-0.0403	0.1356	336.2	0.0556	-0.1362
Ni2316	231.604	{4 In2306	ppm	0.0114	0.0016	14.45	0.0102	0.0126
P_1782	178.284	{4 In2306	ppm	0.0077	0.0003	3.779	0.0079	0.0075
Pb2203	220.353	{4 In2306	ppm	0.0107	0.0007	6.851	0.0101	0.0112
S_1820	182.034	{4 Y_2243	ppm	3.928	0.8527	21.71	4.531	3.325
Sb2068	206.833	{4 Y_2243	ppm	0.0178	0.0019	10.77	0.0164	0.0192
Se1960	196.090	{4 Y_2243	ppm	0.0096	0.001	10.91	0.0104	0.0089
Si2516	251.611	{1 Y_3710	ppm	-0.0028	0.0032	114.6	-0.0051	-0.0005
Sn1899	189.989	{4 In2306	ppm	0.0109	0.0022	20.31	0.0094	0.0125
Sr4215	421.552	{ 8 Y_3710	ppm	0.0053	0.0001	1.405	0.0054	0.0052
Ti3349	334.904	{1 Y_3600	ppm	0.0086	0.0002	2.176	0.0087	0.0084
Tl1908	190.856	{4 In2306	ppm	0.0098	0.0012	12.62	0.0089	0.0107
V_2924	292.402	{1 Y_3600	ppm	0.0081	0.0001	1.447	0.0081	0.0082
Zn2062	206.200	{4 In2306	ppm	0.01	0.0015	15.2	0.0089	0.0111

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	79.769	0.05256	0.06589	79.732	79.806
In2306	230.606	{4 Cts/S	10942	17.803	0.16271	10929	10955
Y_2243	224.306	{4 Cts/S	14023	29.579	0.21093	14002	14044
Y_3600	360.073	{ 9 Cts/S	104840	172.55	0.16459	104710	104960
Y_3710	371.030	{ 9 Cts/S	8796.7	66.565	0.75671	8749.6	8843.7

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0004	0.0003	71.71	-0.0006	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0259	0.0325	125.3	0.003	0.0489
As1890	189.042	{4 Y_2243	ppm	0.0009	0.0014	160.8	0.0019	-0.0001
B_2496	249.678	{1 Y_3710	ppm	-0.0027	0.0018	65.02	-0.004	-0.0015
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0005	0.0004	92.09	-0.0002	-0.0008
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	17.62	-0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0143	0.0059	41.48	-0.0101	-0.0185
Ca3181	318.128	{1 In2306	ppm	-0.0037	0.0085	229.7	0.0023	-0.0097
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	134.3	0	0.0002
Co2286	228.616	{4 In2306	ppm	0.0001	0	35.02	0.0001	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	26.03	-0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0008	0	3.615	0.0008	0.0008
Fe2404	240.488	{1 In2306	ppm	0.0016	0.0054	332.2	-0.0022	0.0055
K_7664	766.490	{ 4 Y_3710	ppm	-0.0114	0.0185	161.9	0.0017	-0.0245
K_7698	769.896	{ 4 Y_3710	ppm	0.1099	0.0391	35.55	0.1375	0.0822
Li6707	670.784	{ 5 Y_3710	ppm	-0.0016	0.0002	10.16	-0.0017	-0.0015
Mg2790	279.079	{1 Y_3710	ppm	0.035	0.0043	12.18	0.038	0.032
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	47.15	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0016	0.0006	36.54	0.0012	0.002
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0002	63.67	0.0002	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	-0.0041	0.0008	20.44	-0.0047	-0.0035
Na8183	818.326	{ 4 Y_3710	ppm	-0.4192	0.1496	35.69	-0.525	-0.3134
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0002	105.8	0.0003	0
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0002	24.38	-0.0008	-0.0006
Pb2203	220.353	{4 In2306	ppm	-0.0002	0.0006	283.1	0.0002	-0.0007
S_1820	182.034	{4 Y_2243	ppm	3.764	0.0804	2.135	3.707	3.821
Sb2068	206.833	{4 Y_2243	ppm	0.0026	0.0017	65.54	0.0039	0.0014
Se1960	196.090	{4 Y_2243	ppm	-0.001	0.0035	338.8	-0.0035	0.0014
Si2516	251.611	{1 Y_3710	ppm	-0.0149	0.0086	57.85	-0.021	-0.0088
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0002	73.67	0.0001	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	0	0	98.48	0	-0.0001
Ti3349	334.904	{1 Y_3600	ppm	0	0.0004	1634	-0.0003	0.0003
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0012	649.8	-0.0007	0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0001	32.21	-0.0004	-0.0002
Zn2062	206.200	{4 In2306	ppm	0	0	39.19	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	79.638	1.0501	1.3186	80.381	78.896
In2306	230.606	{4 Cts/S	10841	50.888	0.46938	10805	10877
Y_2243	224.306	{4 Cts/S	13810	50.462	0.36541	13774	13845
Y_3600	360.073	{ 9 Cts/S	105440	188.11	0.17841	105570	105300
Y_3710	371.030	{ 9 Cts/S	8774.9	112.53	1.2824	8695.3	8854.4

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Custom ID3=
Run Time=1/14/2012 10:19:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0007	9410	0.0005	-0.0005
Al3082	308.215	{1 In2306	ppm	264.1	0.8117	0.3074	263.5	264.7
As1890	189.042	{4 Y_2243	ppm	0.0025	0.0004	17.36	0.0028	0.0022
B_2496	249.678	{1 Y_3710	ppm	0.0116	0.0002	1.389	0.0118	0.0115
Ba4554	455.403	{ 7 Y_3710	ppm	0.0169	0.0009	5.396	0.0175	0.0162
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	24.58	0.0002	0.0003
Ca3158	315.887	{1 In2306	ppm	0.5063	0.0118	2.332	0.5146	0.4979
Ca3181	318.128	{1 In2306	ppm	0.5557	0.0409	7.368	0.5268	0.5847
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	38.67	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0049	0	0.5965	0.005	0.0049
Cr2677	267.716	{1 Y_3600	ppm	0.0088	0.0002	2.659	0.009	0.0086
Cu3247	324.754	{1 Y_3600	ppm	0.0251	0	0.1077	0.0251	0.0251
Fe2404	240.488	{1 In2306	ppm	39.58	0.2706	0.6835	39.39	39.77
K_7664	766.490	{ 4 Y_3710	ppm	-0.0119	0.0314	264.3	0.0103	-0.0341
K_7698	769.896	{ 4 Y_3710	ppm	0.1145	0.0385	33.65	0.1417	0.0872
Li6707	670.784	{ 5 Y_3710	ppm	-0.0004	0.0002	55.41	-0.0003	-0.0006
Mg2790	279.079	{1 Y_3710	ppm	1.007	0.0359	3.565	0.9812	1.032
Mn2576	257.610	{1 Y_3600	ppm	0.1755	0.0002	0.1148	0.1756	0.1753
Mn2576-2	257.610	{1 Y_3710	ppm	0.1824	0.0044	2.41	0.1855	0.1793
Mo2020	202.030	{4 Y_2243	ppm	0.002	0.0001	6.727	0.0021	0.0019
Na5895	589.592	{ 5 Y_3710	ppm	0.3169	0.0079	2.486	0.3224	0.3113
Na8183	818.326	{ 4 Y_3710	ppm	-0.3436	0.1327	38.61	-0.4374	-0.2498
Ni2316	231.604	{4 In2306	ppm	0.0144	0.0002	1.297	0.0146	0.0143
P_1782	178.284	{4 In2306	ppm	0.0922	0.0009	0.9587	0.0916	0.0928
Pb2203	220.353	{4 In2306	ppm	-0.0049	0.0014	27.81	-0.0058	-0.0039
S_1820	182.034	{4 Y_2243	ppm	-69.57	0.605	0.8696	-70	-69.14
Sb2068	206.833	{4 Y_2243	ppm	-0.0024	0.0003	11.45	-0.0022	-0.0026
Se1960	196.090	{4 Y_2243	ppm	0.0016	0.0019	120.4	0.0029	0.0002
Si2516	251.611	{1 Y_3710	ppm	0.2926	0.0034	1.175	0.2901	0.295
Sn1899	189.989	{4 In2306	ppm	0.0037	0.0003	8.721	0.0035	0.004
Sr4215	421.552	{ 8 Y_3710	ppm	0.0043	0	1.129	0.0043	0.0044
Ti3349	334.904	{1 Y_3600	ppm	0.0559	0.0004	0.6921	0.0557	0.0562
Tl1908	190.856	{4 In2306	ppm	-0.0037	0.0001	1.627	-0.0037	-0.0037
V_2924	292.402	{1 Y_3600	ppm	0.0126	0.0003	2.402	0.0123	0.0128
Zn2062	206.200	{4 In2306	ppm	0.0749	0.0005	0.6175	0.0752	0.0746

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	78.934	0.60176	0.76236	79.36	78.509
In2306	230.606	{4 Cts/S	9932.6	25.763	0.25938	9950.8	9914.4
Y_2243	224.306	{4 Cts/S	13921	74.665	0.53635	13974	13868
Y_3600	360.073	{ 9 Cts/S	102300	193.97	0.1896	102440	102170
Y_3710	371.030	{ 9 Cts/S	8256	88.512	1.0721	8193.4	8318.6

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0009	0.0001	5.706	-0.0009	-0.0009
Al3082	308.215	{1 In2306	ppm	81.46	1.15	1.412	80.64	82.27
As1890	189.042	{4 Y_2243	ppm	0.0284	0.0019	6.644	0.0297	0.027
B_2496	249.678	{1 Y_3710	ppm	0.0252	0.0032	12.58	0.0274	0.023
Ba4554	455.403	{ 7 Y_3710	ppm	3.097	0.0129	0.4159	3.088	3.106
Be3130	313.042	{1 Y_3710	ppm	0.0058	0.0001	2.099	0.0057	0.0059
Ca3158	315.887	{1 In2306	ppm	137.6	2.521	1.832	135.8	139.4
Ca3181	318.128	{1 In2306	ppm	132.3	2.479	1.874	130.5	134
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0	13.69	0.0002	0.0003
Co2286	228.616	{4 In2306	ppm	0.0242	0.0006	2.307	0.0246	0.0238
Cr2677	267.716	{1 Y_3600	ppm	0.0634	0.003	4.764	0.0612	0.0655
Cu3247	324.754	{1 Y_3600	ppm	0.046	0.002	4.311	0.0446	0.0474
Fe2404	240.488	{1 In2306	ppm	43.76	0.823	1.881	43.18	44.34
K_7664	766.490	{ 4 Y_3710	ppm	5.306	0.0213	0.4018	5.321	5.291
K_7698	769.896	{ 4 Y_3710	ppm	5.245	0.0384	0.7313	5.272	5.218
Li6707	670.784	{ 5 Y_3710	ppm	0.0558	0.0002	0.384	0.0559	0.0556
Mg2790	279.079	{1 Y_3710	ppm	11.89	0.0688	0.5785	11.84	11.94
Mn2576	257.610	{1 Y_3600	ppm	1.055	0.0522	4.944	1.018	1.092
Mn2576-2	257.610	{1 Y_3710	ppm	1.066	0.0106	0.9975	1.058	1.073
Mo2020	202.030	{4 Y_2243	ppm	0.0028	0.0002	8.616	0.003	0.0026
Na5895	589.592	{ 5 Y_3710	ppm	10.96	0.019	0.1736	10.97	10.94
Na8183	818.326	{ 4 Y_3710	ppm	11.39	0.046	0.4039	11.36	11.42
Ni2316	231.604	{4 In2306	ppm	0.0482	0.0011	2.303	0.049	0.0475
P_1782	178.284	{4 In2306	ppm	0.5257	0.0128	2.437	0.5348	0.5167
Pb2203	220.353	{4 In2306	ppm	0.0815	0.0024	3.002	0.0832	0.0797
S_1820	182.034	{4 Y_2243	ppm	-2277	48.49	2.129	-2312	-2243
Sb2068	206.833	{4 Y_2243	ppm	-0.0016	0.0017	105.6	-0.0004	-0.0027
Se1960	196.090	{4 Y_2243	ppm	0.0002	0.0002	101.3	0.0003	0.0001
Si2516	251.611	{1 Y_3710	ppm	6.75	0.0232	0.3443	6.766	6.734
Sn1899	189.989	{4 In2306	ppm	0.0286	0.0008	2.805	0.0292	0.0281
Sr4215	421.552	{ 8 Y_3710	ppm	0.6242	0.0035	0.5636	0.6218	0.6267
Ti3349	334.904	{1 Y_3600	ppm	0.2339	0.0121	5.183	0.2254	0.2425
Tl1908	190.856	{4 In2306	ppm	-0.001	0.0002	23.98	-0.0012	-0.0009
V_2924	292.402	{1 Y_3600	ppm	0.1325	0.0059	4.422	0.1284	0.1367
Zn2062	206.200	{4 In2306	ppm	0.0969	0.0022	2.309	0.0985	0.0954

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	78.369	1.0673	1.3618	79.123	77.614
In2306	230.606	{4 Cts/S	9553.7	164.46	1.7214	9437.5	9670
Y_2243	224.306	{4 Cts/S	13921	207.39	1.4897	13775	14068
Y_3600	360.073	{ 9 Cts/S	103780	4057.4	3.9095	106650	100910
Y_3710	371.030	{ 9 Cts/S	8576.9	26.463	0.30854	8595.7	8558.2

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0	21	-0.0001	-0.0002
Al3082	308.215 {1	In2306	ppm	80.78	2.108	2.609	79.29	82.27
As1890	189.042 {4	Y_2243	ppm	0.1914	0.0024	1.231	0.1931	0.1898
B_2496	249.678 {1	Y_3710	ppm	0.0259	0.0021	8.262	0.0274	0.0244
Ba4554	455.403 { 7	Y_3710	ppm	2.197	0.0241	1.099	2.18	2.214
Be3130	313.042 {1	Y_3710	ppm	0.0038	0	0.2253	0.0039	0.0038
Ca3158	315.887 {1	In2306	ppm	5273	120.8	2.29	5188	5358
Ca3181	318.128 {1	In2306	ppm	6108	140.6	2.302	6008	6207
Cd2288	228.802 {4	Y_2243	ppm	0.2034	0	0.0064	0.2034	0.2035
Co2286	228.616 {4	In2306	ppm	0.0488	0.0001	0.2433	0.0489	0.0487
Cr2677	267.716 {1	Y_3600	ppm	0.086	0.0004	0.4319	0.0862	0.0857
Cu3247	324.754 {1	Y_3600	ppm	0.2755	0.0036	1.304	0.278	0.2729
Fe2404	240.488 {1	In2306	ppm	101.6	2.131	2.098	100.1	103.1
K_7664	766.490 { 4	Y_3710	ppm	10.33	0.0555	0.5378	10.29	10.37
K_7698	769.896 { 4	Y_3710	ppm	10.6	0.1034	0.9759	10.53	10.67
Li6707	670.784 { 5	Y_3710	ppm	0.141	0.0037	2.632	0.1383	0.1436
Mg2790	279.079 {1	Y_3710	ppm	31.38	0.1484	0.473	31.28	31.49
Mn2576	257.610 {1	Y_3600	ppm	4.843	0.0178	0.3684	4.855	4.83
Mn2576-2	257.610 {1	Y_3710	ppm	5.139	0.0638	1.242	5.094	5.184
Mo2020	202.030 {4	Y_2243	ppm	0.0105	0.0006	5.328	0.0109	0.0101
Na5895	589.592 { 5	Y_3710	ppm	1.341	0.0098	0.7283	1.334	1.348
Na8183	818.326 { 4	Y_3710	ppm	0.5781	0.1329	22.99	0.4841	0.6721
Ni2316	231.604 {4	In2306	ppm	0.2496	0.0001	0.0262	0.2497	0.2496
P_1782	178.284 {4	In2306	ppm	6.702	0.0215	0.3201	6.717	6.687
Pb2203	220.353 {4	In2306	ppm	43.93	0.158	0.3598	44.04	43.81
S_1820	182.034 {4	Y_2243	ppm	-3442	2.996	0.087	-3439	-3444
Sb2068	206.833 {4	Y_2243	ppm	0.2084	0.0029	1.388	0.2063	0.2104
Se1960	196.090 {4	Y_2243	ppm	0.0149	0.0021	14.39	0.0134	0.0164
Si2516	251.611 {1	Y_3710	ppm	5.781	0.0725	1.254	5.73	5.833
Sn1899	189.989 {4	In2306	ppm	0.1274	0	0.0115	0.1274	0.1274
Sr4215	421.552 { 8	Y_3710	ppm	15.69	0.3725	2.374	15.43	15.95
Ti3349	334.904 {1	Y_3600	ppm	0.2303	0.0012	0.5008	0.2312	0.2295
Tl1908	190.856 {4	In2306	ppm	-0.0116	0.0039	33.37	-0.0089	-0.0144
V_2924	292.402 {1	Y_3600	ppm	0.2423	0.0004	0.1668	0.242	0.2426
Zn2062	206.200 {4	In2306	ppm	1.36	0.0095	0.6999	1.366	1.353

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	70.231	1.5415	2.195	71.321	69.141
In2306	230.606 {4	Cts/S	6344.4	20.43	0.32202	6358.8	6329.9
Y_2243	224.306 {4	Cts/S	10644	38.272	0.35957	10671	10617
Y_3600	360.073 { 9	Cts/S	81454	289.93	0.35594	81249	81659
Y_3710	371.030 { 9	Cts/S	8304.8	96.164	1.1579	8372.8	8236.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0047	0	0.8579	-0.0047	-0.0046
Al3082	308.215	{1 In2306	ppm	150	1.851	1.234	151.3	148.7
As1890	189.042	{4 Y_2243	ppm	0.1376	0.0032	2.34	0.1399	0.1354
B_2496	249.678	{1 Y_3710	ppm	0.0619	0.0036	5.851	0.0593	0.0644
Ba4554	455.403	{ 7 Y_3710	ppm	0.5782	0.0013	0.2289	0.5792	0.5773
Be3130	313.042	{1 Y_3710	ppm	0.012	0	0.1068	0.012	0.012
Ca3158	315.887	{1 In2306	ppm	82.68	1.082	1.309	83.44	81.91
Ca3181	318.128	{1 In2306	ppm	78.77	1.443	1.832	79.79	77.75
Cd2288	228.802	{4 Y_2243	ppm	-0.0002	0.0005	231.7	-0.0006	0.0001
Co2286	228.616	{4 In2306	ppm	0.0589	0.0011	1.814	0.0597	0.0582
Cr2677	267.716	{1 Y_3600	ppm	0.1406	0.0001	0.0616	0.1405	0.1406
Cu3247	324.754	{1 Y_3600	ppm	0.1437	0.0006	0.4047	0.1433	0.1441
Fe2404	240.488	{1 In2306	ppm	605	7.965	1.317	610.6	599.3
K_7664	766.490	{ 4 Y_3710	ppm	26.75	0.0505	0.1887	26.78	26.71
K_7698	769.896	{ 4 Y_3710	ppm	27.45	0.069	0.2512	27.5	27.41
Li6707	670.784	{ 5 Y_3710	ppm	0.0728	0.0006	0.8857	0.0732	0.0723
Mg2790	279.079	{1 Y_3710	ppm	14.84	0.0641	0.4317	14.88	14.79
Mn2576	257.610	{1 Y_3600	ppm	0.4756	0.0001	0.0197	0.4755	0.4756
Mn2576-2	257.610	{1 Y_3710	ppm	0.4745	0.0045	0.9394	0.4776	0.4713
Mo2020	202.030	{4 Y_2243	ppm	0.01	0	0.2192	0.0099	0.01
Na5895	589.592	{ 5 Y_3710	ppm	3.729	0.0284	0.762	3.749	3.709
Na8183	818.326	{ 4 Y_3710	ppm	4.949	0.0988	1.996	5.019	4.88
Ni2316	231.604	{4 In2306	ppm	0.2137	0.0032	1.492	0.2159	0.2114
P_1782	178.284	{4 In2306	ppm	15.27	0.2705	1.771	15.47	15.08
Pb2203	220.353	{4 In2306	ppm	0.136	0.0818	60.13	0.0782	0.1938
S_1820	182.034	{4 Y_2243	ppm	-5543	83.45	1.505	-5602	-5484
Sb2068	206.833	{4 Y_2243	ppm	0.0169	0.001	5.838	0.0176	0.0162
Se1960	196.090	{4 Y_2243	ppm	0.103	0.001	0.9956	0.1037	0.1023
Si2516	251.611	{1 Y_3710	ppm	5.276	0.0017	0.0315	5.277	5.275
Sn1899	189.989	{4 In2306	ppm	0.0386	0.001	2.568	0.0393	0.0379
Sr4215	421.552	{ 8 Y_3710	ppm	2.871	0.0123	0.4281	2.88	2.863
Ti3349	334.904	{1 Y_3600	ppm	0.6957	0.0021	0.3069	0.6942	0.6973
Tl1908	190.856	{4 In2306	ppm	0.0041	0.0008	18.53	0.0036	0.0046
V_2924	292.402	{1 Y_3600	ppm	0.2426	0	0.0188	0.2426	0.2426
Zn2062	206.200	{4 In2306	ppm	0.8596	0.0105	1.224	0.867	0.8522

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	72.221	0.69544	0.96292	71.73	72.713
In2306	230.606	{4 Cts/S	9140	114.04	1.2477	9059.4	9220.6
Y_2243	224.306	{4 Cts/S	13342	169.63	1.2714	13222	13462
Y_3600	360.073	{ 9 Cts/S	102380	152.36	0.14882	102490	102270
Y_3710	371.030	{ 9 Cts/S	8499	12.105	0.14243	8490.4	8507.5

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Custom ID3=
Run Time=1/14/2012 10:29:48
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0015	0	0.2387	-0.0015	-0.0015
Al3082	308.215	{1 In2306	ppm	240.3	1.974	0.8216	238.9	241.7
As1890	189.042	{4 Y_2243	ppm	0.3611	0.0004	0.1201	0.3608	0.3614
B_2496	249.678	{1 Y_3710	ppm	0.0475	0.0075	15.71	0.0528	0.0422
Ba4554	455.403	{ 7 Y_3710	ppm	7.301	0.0236	0.3234	7.285	7.318
Be3130	313.042	{1 Y_3710	ppm	0.0137	0	0.1604	0.0137	0.0137
Ca3158	315.887	{1 In2306	ppm	3342	26.84	0.8032	3323	3361
Ca3181	318.128	{1 In2306	ppm	3557	13.63	0.3832	3548	3567
Cd2288	228.802	{4 Y_2243	ppm	0.0303	0.0004	1.198	0.0306	0.0301
Co2286	228.616	{4 In2306	ppm	0.4244	0.0041	0.9649	0.4273	0.4215
Cr2677	267.716	{1 Y_3600	ppm	0.1742	0.0001	0.0616	0.1742	0.1743
Cu3247	324.754	{1 Y_3600	ppm	0.2828	0.0015	0.5434	0.2817	0.2839
Fe2404	240.488	{1 In2306	ppm	344.4	0.8667	0.2517	343.8	345
K_7664	766.490	{ 4 Y_3710	ppm	23.84	0.0704	0.2953	23.79	23.89
K_7698	769.896	{ 4 Y_3710	ppm	24.72	0.0742	0.3	24.67	24.77
Li6707	670.784	{ 5 Y_3710	ppm	0.152	0.0005	0.3174	0.1524	0.1517
Mg2790	279.079	{1 Y_3710	ppm	23.81	0.1745	0.7327	23.94	23.69
Mn2576	257.610	{1 Y_3600	ppm	29.14	0.0683	0.2344	29.09	29.19
Mn2576-2	257.610	{1 Y_3710	ppm	42.39	0.1356	0.3199	42.49	42.29
Mo2020	202.030	{4 Y_2243	ppm	0.0264	0.0002	0.7493	0.0263	0.0265
Na5895	589.592	{ 5 Y_3710	ppm	2.537	0.0015	0.0591	2.536	2.538
Na8183	818.326	{ 4 Y_3710	ppm	3.505	0.081	2.312	3.563	3.448
Ni2316	231.604	{4 In2306	ppm	1.041	0.0076	0.73	1.046	1.036
P_1782	178.284	{4 In2306	ppm	28.63	0.1186	0.4141	28.72	28.55
Pb2203	220.353	{4 In2306	ppm	4.771	0.0316	0.6622	4.794	4.749
S_1820	182.034	{4 Y_2243	ppm	-1950	2.822	0.1447	-1948	-1952
Sb2068	206.833	{4 Y_2243	ppm	0.0231	0.0033	14.51	0.0254	0.0207
Se1960	196.090	{4 Y_2243	ppm	0.0272	0.0009	3.285	0.0278	0.0265
Si2516	251.611	{1 Y_3710	ppm	6.532	0.0164	0.2517	6.521	6.544
Sn1899	189.989	{4 In2306	ppm	0.0454	0.0005	1.165	0.0457	0.045
Sr4215	421.552	{ 8 Y_3710	ppm	9.359	0.0086	0.0914	9.365	9.353
Ti3349	334.904	{1 Y_3600	ppm	0.302	0.0006	0.198	0.3025	0.3016
Tl1908	190.856	{4 In2306	ppm	-0.0273	0.0002	0.8217	-0.0272	-0.0275
V_2924	292.402	{1 Y_3600	ppm	0.8707	0.0036	0.4152	0.8733	0.8682
Zn2062	206.200	{4 In2306	ppm	0.814	0.0011	0.1402	0.8132	0.8148

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	68.786	0.53363	0.77579	69.163	68.409
In2306	230.606	{4 Cts/S	6952.4	31.244	0.4494	6930.3	6974.5
Y_2243	224.306	{4 Cts/S	12957	69.9	0.5395	12907	13006
Y_3600	360.073	{ 9 Cts/S	97547	91.279	0.09357	97483	97612
Y_3710	371.030	{ 9 Cts/S	8447.7	11.547	0.13669	8439.6	8455.9

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0012	0.0002	18.22	-0.0014	-0.0011
Al3082	308.215	{1 In2306	ppm	327.5	1.138	0.3475	326.7	328.3
As1890	189.042	{4 Y_2243	ppm	0.2073	0.0005	0.2321	0.2077	0.207
B_2496	249.678	{1 Y_3710	ppm	0.0255	0.0035	13.63	0.0279	0.023
Ba4554	455.403	{ 7 Y_3710	ppm	2.773	0.0123	0.4424	2.782	2.765
Be3130	313.042	{1 Y_3710	ppm	0.0148	0	0.296	0.0147	0.0148
Ca3158	315.887	{1 In2306	ppm	2306	17.18	0.7452	2294	2318
Ca3181	318.128	{1 In2306	ppm	2375	37.81	1.592	2348	2401
Cd2288	228.802	{4 Y_2243	ppm	0.0108	0.0001	0.4876	0.0109	0.0108
Co2286	228.616	{4 In2306	ppm	0.1192	0.0006	0.5012	0.1188	0.1196
Cr2677	267.716	{1 Y_3600	ppm	0.2082	0.0014	0.6898	0.2072	0.2092
Cu3247	324.754	{1 Y_3600	ppm	0.3066	0.0007	0.2246	0.3061	0.3071
Fe2404	240.488	{1 In2306	ppm	295.9	3.179	1.074	293.7	298.1
K_7664	766.490	{ 4 Y_3710	ppm	24.88	0.2687	1.08	25.07	24.69
K_7698	769.896	{ 4 Y_3710	ppm	25.72	0.229	0.8905	25.88	25.56
Li6707	670.784	{ 5 Y_3710	ppm	0.1775	0.0018	1.024	0.1788	0.1762
Mg2790	279.079	{1 Y_3710	ppm	29.66	0.2669	0.8996	29.48	29.85
Mn2576	257.610	{1 Y_3600	ppm	6.395	0.049	0.7669	6.361	6.43
Mn2576-2	257.610	{1 Y_3710	ppm	7.629	0.0196	0.2566	7.615	7.643
Mo2020	202.030	{4 Y_2243	ppm	0.0059	0	0.3628	0.0058	0.0059
Na5895	589.592	{ 5 Y_3710	ppm	1.944	0.0306	1.573	1.965	1.922
Na8183	818.326	{ 4 Y_3710	ppm	2.166	0.0875	4.038	2.104	2.228
Ni2316	231.604	{4 In2306	ppm	0.4369	0.0002	0.0479	0.4367	0.437
P_1782	178.284	{4 In2306	ppm	9.975	0.0522	0.5229	9.938	10.01
Pb2203	220.353	{4 In2306	ppm	16.4	0.0548	0.334	16.44	16.36
S_1820	182.034	{4 Y_2243	ppm	-4090	5.565	0.1361	-4094	-4086
Sb2068	206.833	{4 Y_2243	ppm	0.0384	0.003	7.742	0.0405	0.0363
Se1960	196.090	{4 Y_2243	ppm	0.0079	0.0007	8.781	0.0084	0.0074
Si2516	251.611	{1 Y_3710	ppm	6.42	0.0302	0.4699	6.399	6.441
Sn1899	189.989	{4 In2306	ppm	0.5641	0.0029	0.5054	0.5661	0.5621
Sr4215	421.552	{ 8 Y_3710	ppm	4.218	0.0157	0.3724	4.229	4.206
Ti3349	334.904	{1 Y_3600	ppm	0.1799	0.0009	0.5143	0.1792	0.1805
Tl1908	190.856	{4 In2306	ppm	-0.0156	0.0007	4.262	-0.0151	-0.0161
V_2924	292.402	{1 Y_3600	ppm	0.5978	0.0047	0.7793	0.5945	0.6011
Zn2062	206.200	{4 In2306	ppm	0.8692	0.0011	0.1281	0.8699	0.8684

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	65.983	0.56587	0.85759	66.383	65.583
In2306	230.606	{4 Cts/S	7418.5	0.65527	0.00883	7418.9	7418
Y_2243	224.306	{4 Cts/S	13194	2.5614	0.01941	13192	13195
Y_3600	360.073	{ 9 Cts/S	98440	422.22	0.42892	98738	98141
Y_3710	371.030	{ 9 Cts/S	7951.8	23.191	0.29164	7968.2	7935.5

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0055	0.0003	5.301	-0.0057	-0.0053
Al3082	308.215	{1 In2306	ppm	206.3	1.437	0.6967	205.3	207.3
As1890	189.042	{4 Y_2243	ppm	0.1185	0.0014	1.164	0.1175	0.1195
B_2496	249.678	{1 Y_3710	ppm	0.1493	0.0049	3.251	0.1459	0.1528
Ba4554	455.403	{ 7 Y_3710	ppm	0.4934	0.0072	1.452	0.4883	0.4984
Be3130	313.042	{1 Y_3710	ppm	0.0126	0.0003	2.686	0.0123	0.0128
Ca3158	315.887	{1 In2306	ppm	161	2.301	1.429	159.4	162.7
Ca3181	318.128	{1 In2306	ppm	153.9	2.289	1.487	152.3	155.5
Cd2288	228.802	{4 Y_2243	ppm	0.0006	0.0001	11	0.0005	0.0006
Co2286	228.616	{4 In2306	ppm	0.1627	0.0015	0.929	0.1616	0.1637
Cr2677	267.716	{1 Y_3600	ppm	0.1731	0.0001	0.0586	0.173	0.1732
Cu3247	324.754	{1 Y_3600	ppm	0.2103	0.0011	0.5403	0.2095	0.2111
Fe2404	240.488	{1 In2306	ppm	409	5.502	1.345	405.1	412.9
K_7664	766.490	{ 4 Y_3710	ppm	52.42	0.532	1.015	52.05	52.8
K_7698	769.896	{ 4 Y_3710	ppm	53.81	0.4778	0.8879	53.48	54.15
Li6707	670.784	{ 5 Y_3710	ppm	0.3067	0.0026	0.8525	0.3048	0.3085
Mg2790	279.079	{1 Y_3710	ppm	61.39	1.15	1.874	60.57	62.2
Mn2576	257.610	{1 Y_3600	ppm	2.746	0.0159	0.5785	2.735	2.758
Mn2576-2	257.610	{1 Y_3710	ppm	2.741	0.0499	1.822	2.706	2.776
Mo2020	202.030	{4 Y_2243	ppm	0.0036	0.0003	9.314	0.0039	0.0034
Na5895	589.592	{ 5 Y_3710	ppm	6.71	0.0527	0.7847	6.673	6.748
Na8183	818.326	{ 4 Y_3710	ppm	8.159	0.1449	1.776	8.057	8.262
Ni2316	231.604	{4 In2306	ppm	0.4943	0.0048	0.968	0.491	0.4977
P_1782	178.284	{4 In2306	ppm	11.43	0.1011	0.8842	11.36	11.5
Pb2203	220.353	{4 In2306	ppm	0.222	0.0167	7.518	0.2102	0.2339
S_1820	182.034	{4 Y_2243	ppm	-78550	561.7	0.7151	-78150	-78950
Sb2068	206.833	{4 Y_2243	ppm	0.004	0.003	75	0.0019	0.0062
Se1960	196.090	{4 Y_2243	ppm	0.0112	0.0007	6.475	0.0106	0.0117
Si2516	251.611	{1 Y_3710	ppm	5.019	0.0392	0.7812	4.992	5.047
Sn1899	189.989	{4 In2306	ppm	0.0416	0.0011	2.761	0.0408	0.0424
Sr4215	421.552	{ 8 Y_3710	ppm	2.492	0.0335	1.343	2.469	2.516
Ti3349	334.904	{1 Y_3600	ppm	0.837	0.0012	0.148	0.8362	0.8379
Tl1908	190.856	{4 In2306	ppm	-0.0078	0.0029	37.01	-0.0058	-0.0098
V_2924	292.402	{1 Y_3600	ppm	0.2322	0.0008	0.3438	0.2328	0.2316
Zn2062	206.200	{4 In2306	ppm	1.017	0.0109	1.071	1.01	1.025

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	68.836	0.48515	0.70479	69.179	68.493
In2306	230.606	{4 Cts/S	8883.7	58.507	0.65859	8925.1	8842.4
Y_2243	224.306	{4 Cts/S	13695	70.085	0.51177	13744	13645
Y_3600	360.073	{ 9 Cts/S	104630	233.6	0.22326	104790	104460
Y_3710	371.030	{ 9 Cts/S	8494	85.483	1.0064	8554.5	8433.6

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0027	0.0005	17.93	-0.0031	-0.0024
Al3082	308.215	{1 In2306	ppm	313.1	4.391	1.402	316.2	310
As1890	189.042	{4 Y_2243	ppm	0.1656	0.0035	2.131	0.1631	0.1681
B_2496	249.678	{1 Y_3710	ppm	0.0492	0.0114	23.07	0.0573	0.0412
Ba4554	455.403	{ 7 Y_3710	ppm	2.747	0.0275	1.002	2.767	2.728
Be3130	313.042	{1 Y_3710	ppm	0.0152	0.0002	1.637	0.0153	0.015
Ca3158	315.887	{1 In2306	ppm	2368	24.65	1.041	2385	2351
Ca3181	318.128	{1 In2306	ppm	2477	0.3293	0.0133	2477	2476
Cd2288	228.802	{4 Y_2243	ppm	0.0635	0.0005	0.7515	0.0638	0.0631
Co2286	228.616	{4 In2306	ppm	0.1159	0.0001	0.0545	0.1159	0.116
Cr2677	267.716	{1 Y_3600	ppm	0.2029	0.0008	0.4062	0.2023	0.2035
Cu3247	324.754	{1 Y_3600	ppm	0.2259	0.0013	0.5903	0.225	0.2269
Fe2404	240.488	{1 In2306	ppm	253.8	0.5599	0.2206	254.2	253.4
K_7664	766.490	{ 4 Y_3710	ppm	23.7	0.4539	1.915	24.02	23.38
K_7698	769.896	{ 4 Y_3710	ppm	24.58	0.5326	2.167	24.95	24.2
Li6707	670.784	{ 5 Y_3710	ppm	0.1831	0.0043	2.332	0.1862	0.1801
Mg2790	279.079	{1 Y_3710	ppm	28.02	0.0093	0.0333	28.03	28.01
Mn2576	257.610	{1 Y_3600	ppm	5.776	0.0159	0.2749	5.765	5.787
Mn2576-2	257.610	{1 Y_3710	ppm	6.867	0.0095	0.1381	6.873	6.86
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0001	3.495	0.0024	0.0025
Na5895	589.592	{ 5 Y_3710	ppm	2.201	0.0391	1.776	2.228	2.173
Na8183	818.326	{ 4 Y_3710	ppm	2.406	0.0277	1.151	2.426	2.387
Ni2316	231.604	{4 In2306	ppm	0.3871	0.0008	0.2043	0.3865	0.3876
P_1782	178.284	{4 In2306	ppm	17.71	0.0526	0.2967	17.75	17.67
Pb2203	220.353	{4 In2306	ppm	5.057	0.02	0.3953	5.072	5.043
S_1820	182.034	{4 Y_2243	ppm	-1595	122.4	7.673	-1509	-1682
Sb2068	206.833	{4 Y_2243	ppm	0.0123	0.0008	6.11	0.0118	0.0129
Se1960	196.090	{4 Y_2243	ppm	0.0134	0.0013	9.374	0.0126	0.0143
Si2516	251.611	{1 Y_3710	ppm	6.592	0.0571	0.8662	6.633	6.552
Sn1899	189.989	{4 In2306	ppm	0.0543	0.0002	0.3035	0.0545	0.0542
Sr4215	421.552	{ 8 Y_3710	ppm	5.174	0.0421	0.8134	5.203	5.144
Ti3349	334.904	{1 Y_3600	ppm	0.1967	0.0012	0.5879	0.1959	0.1975
Tl1908	190.856	{4 In2306	ppm	-0.0189	0.0004	2.047	-0.0186	-0.0191
V_2924	292.402	{1 Y_3600	ppm	0.6087	0.0036	0.5872	0.6062	0.6112
Zn2062	206.200	{4 In2306	ppm	0.6961	0.0023	0.3282	0.6977	0.6945

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	65.508	0.3079	0.47002	65.29	65.726
In2306	230.606	{4 Cts/S	7374.1	6.4885	0.08799	7378.7	7369.6
Y_2243	224.306	{4 Cts/S	13248	44.224	0.33382	13279	13217
Y_3600	360.073	{ 9 Cts/S	99390	385.95	0.38832	99663	99118
Y_3710	371.030	{ 9 Cts/S	7893.4	17.804	0.22556	7880.9	7906

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0057	0.0004	6.382	0.0055	0.006
Al3082	308.215	{1 In2306	ppm	183.7	2.041	1.111	185.2	182.3
As1890	189.042	{4 Y_2243	ppm	1.994	0.0179	0.8965	2.007	1.981
B_2496	249.678	{1 Y_3710	ppm	0.1207	0.0058	4.811	0.1166	0.1248
Ba4554	455.403	{ 7 Y_3710	ppm	4.357	0.022	0.5052	4.341	4.372
Be3130	313.042	{1 Y_3710	ppm	0.0092	0	0.3988	0.0092	0.0092
Ca3158	315.887	{1 In2306	ppm	3343	87.88	2.629	3405	3281
Ca3181	318.128	{1 In2306	ppm	3561	48.07	1.35	3595	3527
Cd2288	228.802	{4 Y_2243	ppm	0.4135	0.0029	0.71	0.4156	0.4114
Co2286	228.616	{4 In2306	ppm	0.1622	0.0007	0.4283	0.1626	0.1617
Cr2677	267.716	{1 Y_3600	ppm	0.2083	0.0043	2.057	0.2113	0.2053
Cu3247	324.754	{1 Y_3600	ppm	3.392	0.0526	1.552	3.429	3.355
Fe2404	240.488	{1 In2306	ppm	555.3	7.471	1.345	560.6	550
K_7664	766.490	{ 4 Y_3710	ppm	21.68	0.1299	0.5992	21.58	21.77
K_7698	769.896	{ 4 Y_3710	ppm	22.38	0.1621	0.7243	22.27	22.5
Li6707	670.784	{ 5 Y_3710	ppm	0.147	0.001	0.6944	0.1462	0.1477
Mg2790	279.079	{1 Y_3710	ppm	21.76	0.0579	0.2663	21.72	21.8
Mn2576	257.610	{1 Y_3600	ppm	9.074	0.2103	2.318	9.222	8.925
Mn2576-2	257.610	{1 Y_3710	ppm	10.7	0.0013	0.0117	10.7	10.7
Mo2020	202.030	{4 Y_2243	ppm	0.0419	0.0001	0.2227	0.042	0.0419
Na5895	589.592	{ 5 Y_3710	ppm	9.034	0.0438	0.4843	9.003	9.065
Na8183	818.326	{ 4 Y_3710	ppm	11.03	0.0919	0.8331	11.09	10.96
Ni2316	231.604	{4 In2306	ppm	7.989	0.0606	0.7581	8.032	7.947
P_1782	178.284	{4 In2306	ppm	15.55	0.0401	0.2579	15.58	15.52
Pb2203	220.353	{4 In2306	ppm	109.1	0.956	0.8766	109.7	108.4
S_1820	182.034	{4 Y_2243	ppm	-18740	105.6	0.5633	-18810	-18660
Sb2068	206.833	{4 Y_2243	ppm	0.5294	0.0081	1.527	0.5352	0.5237
Se1960	196.090	{4 Y_2243	ppm	0.0974	0.0006	0.5653	0.0978	0.097
Si2516	251.611	{1 Y_3710	ppm	6.869	0.0326	0.4741	6.846	6.892
Sn1899	189.989	{4 In2306	ppm	0.9408	0.0102	1.083	0.948	0.9336
Sr4215	421.552	{ 8 Y_3710	ppm	9.804	0.0255	0.2599	9.786	9.822
Ti3349	334.904	{1 Y_3600	ppm	0.223	0.0048	2.14	0.2264	0.2197
Tl1908	190.856	{4 In2306	ppm	-0.0178	0.0006	3.226	-0.0174	-0.0182
V_2924	292.402	{1 Y_3600	ppm	0.5392	0.0091	1.683	0.5456	0.5328
Zn2062	206.200	{4 In2306	ppm	2.126	0.0179	0.8399	2.139	2.114

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	60.51	0.62029	1.0251	60.071	60.949
In2306	230.606	{4 Cts/S	6983.3	1.7795	0.02548	6984.5	6982
Y_2243	224.306	{4 Cts/S	11852	0.96315	0.00813	11852	11853
Y_3600	360.073	{ 9 Cts/S	92134	1383.8	1.502	91155	93112
Y_3710	371.030	{ 9 Cts/S	7562.5	3.8645	0.0511	7559.8	7565.3

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 10:43:01
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0025	0.0001	3.101	-0.0025	-0.0026
Al3082	308.215	{1 In2306	ppm	339	2.121	0.6257	337.5	340.5
As1890	189.042	{4 Y_2243	ppm	0.4957	0.0041	0.8216	0.4928	0.4986
B_2496	249.678	{1 Y_3710	ppm	0.0513	0.0009	1.717	0.0519	0.0507
Ba4554	455.403	{ 7 Y_3710	ppm	2.28	0.0045	0.1986	2.283	2.277
Be3130	313.042	{1 Y_3710	ppm	0.0159	0.0002	1.374	0.016	0.0157
Ca3158	315.887	{1 In2306	ppm	1585	2.704	0.1707	1583	1586
Ca3181	318.128	{1 In2306	ppm	1568	2.403	0.1533	1566	1569
Cd2288	228.802	{4 Y_2243	ppm	0.0361	0.0001	0.3267	0.036	0.0362
Co2286	228.616	{4 In2306	ppm	0.1262	0.0006	0.4907	0.1266	0.1257
Cr2677	267.716	{1 Y_3600	ppm	0.2242	0.0015	0.6689	0.2232	0.2253
Cu3247	324.754	{1 Y_3600	ppm	0.2572	0.0007	0.2758	0.2567	0.2577
Fe2404	240.488	{1 In2306	ppm	285.5	0.2774	0.0972	285.3	285.7
K_7664	766.490	{ 4 Y_3710	ppm	31.81	0.0347	0.109	31.79	31.83
K_7698	769.896	{ 4 Y_3710	ppm	32.88	0.1088	0.3309	32.8	32.95
Li6707	670.784	{ 5 Y_3710	ppm	0.1806	0.0007	0.3702	0.1811	0.1801
Mg2790	279.079	{1 Y_3710	ppm	32.12	0.2668	0.8307	32.31	31.93
Mn2576	257.610	{1 Y_3600	ppm	5.862	0.0139	0.2371	5.852	5.871
Mn2576-2	257.610	{1 Y_3710	ppm	6.683	0.0442	0.6613	6.714	6.652
Mo2020	202.030	{4 Y_2243	ppm	0.0063	0.0004	5.685	0.0066	0.0061
Na5895	589.592	{ 5 Y_3710	ppm	1.737	0.0012	0.0697	1.738	1.736
Na8183	818.326	{ 4 Y_3710	ppm	2.441	0.111	4.547	2.519	2.362
Ni2316	231.604	{4 In2306	ppm	0.424	0.0143	3.362	0.4139	0.4341
P_1782	178.284	{4 In2306	ppm	26.27	0.113	0.43	26.35	26.19
Pb2203	220.353	{4 In2306	ppm	5.99	0.1475	2.463	5.886	6.094
S_1820	182.034	{4 Y_2243	ppm	-1732	15.98	0.9226	-1721	-1743
Sb2068	206.833	{4 Y_2243	ppm	0.0315	0.0025	7.812	0.0332	0.0298
Se1960	196.090	{4 Y_2243	ppm	0.0137	0.0016	11.83	0.0149	0.0126
Si2516	251.611	{1 Y_3710	ppm	6.225	0.0391	0.6284	6.197	6.253
Sn1899	189.989	{4 In2306	ppm	0.0692	0.0022	3.178	0.0677	0.0708
Sr4215	421.552	{ 8 Y_3710	ppm	3.782	0.0087	0.2301	3.788	3.776
Ti3349	334.904	{1 Y_3600	ppm	0.2444	0.0007	0.2862	0.2439	0.2449
Tl1908	190.856	{4 In2306	ppm	-0.0174	0.0013	7.542	-0.0165	-0.0183
V_2924	292.402	{1 Y_3600	ppm	0.6556	0.0015	0.2332	0.6545	0.6566
Zn2062	206.200	{4 In2306	ppm	0.842	0.0036	0.4277	0.8445	0.8394

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	63.379	0.25888	0.40847	63.562	63.196
In2306	230.606	{4 Cts/S	7739.1	14.002	0.18092	7729.2	7749
Y_2243	224.306	{4 Cts/S	13839	0.91847	0.00664	13839	13840
Y_3600	360.073	{ 9 Cts/S	105610	226.19	0.21418	105770	105450
Y_3710	371.030	{ 9 Cts/S	8056.2	23.531	0.29208	8039.5	8072.8

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Custom ID3=
Run Time=1/14/2012 10:45:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.235	0.0001	0.0599	0.2351	0.2349
Al3082	308.215	{1 In2306	ppm	3.239	0.0251	0.7747	3.221	3.256
As1890	189.042	{4 Y_2243	ppm	0.5486	0.0026	0.4777	0.5504	0.5467
B_2496	249.678	{1 Y_3710	ppm	0.4002	0.0058	1.45	0.4043	0.3961
Ba4554	455.403	{ 7 Y_3710	ppm	0.5337	0.0034	0.6369	0.5362	0.5313
Be3130	313.042	{1 Y_3710	ppm	0.4442	0.004	0.9037	0.4471	0.4414
Ca3158	315.887	{1 In2306	ppm	15.84	0.178	1.124	15.71	15.96
Ca3181	318.128	{1 In2306	ppm	15.12	0.1195	0.7902	15.04	15.21
Cd2288	228.802	{4 Y_2243	ppm	0.5119	0.0027	0.5334	0.5138	0.5099
Co2286	228.616	{4 In2306	ppm	0.4696	0.0028	0.6052	0.4716	0.4676
Cr2677	267.716	{1 Y_3600	ppm	0.4362	0.0057	1.311	0.4403	0.4322
Cu3247	324.754	{1 Y_3600	ppm	0.4699	0.0006	0.1327	0.4703	0.4695
Fe2404	240.488	{1 In2306	ppm	2.661	0.011	0.4144	2.653	2.669
K_7664	766.490	{ 4 Y_3710	ppm	14.26	0.1656	1.161	14.38	14.15
K_7698	769.896	{ 4 Y_3710	ppm	14.65	0.1626	1.11	14.77	14.54
Li6707	670.784	{ 5 Y_3710	ppm	0.6096	0.0038	0.6231	0.6123	0.607
Mg2790	279.079	{1 Y_3710	ppm	3.882	0.0686	1.766	3.931	3.834
Mn2576	257.610	{1 Y_3600	ppm	0.4558	0.0003	0.0663	0.4561	0.4556
Mn2576-2	257.610	{1 Y_3710	ppm	0.4126	0.0031	0.7521	0.4148	0.4104
Mo2020	202.030	{4 Y_2243	ppm	0.573	0.0056	0.971	0.5769	0.5691
Na5895	589.592	{ 5 Y_3710	ppm	14.2	0.1419	0.9989	14.3	14.1
Na8183	818.326	{ 4 Y_3710	ppm	15.06	0.2041	1.355	14.92	15.21
Ni2316	231.604	{4 In2306	ppm	0.5086	0.0034	0.6599	0.511	0.5063
P_1782	178.284	{4 In2306	ppm	0.0037	0.0044	119.1	0.0006	0.0068
Pb2203	220.353	{4 In2306	ppm	0.4876	0.0036	0.7336	0.4902	0.4851
S_1820	182.034	{4 Y_2243	ppm	-384.7	2.902	0.7543	-386.8	-382.7
Sb2068	206.833	{4 Y_2243	ppm	0.5491	0.0014	0.2581	0.5501	0.5481
Se1960	196.090	{4 Y_2243	ppm	0.5752	0.0054	0.9432	0.579	0.5714
Si2516	251.611	{1 Y_3710	ppm	0.6743	0.0025	0.3716	0.676	0.6725
Sn1899	189.989	{4 In2306	ppm	0.4451	0.0032	0.7109	0.4474	0.4429
Sr4215	421.552	{ 8 Y_3710	ppm	0.2804	0.0011	0.3829	0.2812	0.2797
Ti3349	334.904	{1 Y_3600	ppm	0.4067	0.0002	0.0462	0.4066	0.4069
Tl1908	190.856	{4 In2306	ppm	0.4495	0.0041	0.9015	0.4524	0.4466
V_2924	292.402	{1 Y_3600	ppm	0.4136	0.0017	0.4075	0.4148	0.4124
Zn2062	206.200	{4 In2306	ppm	0.4536	0.0033	0.7188	0.4559	0.4513

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	67.281	0.87926	1.3068	67.903	66.66
In2306	230.606	{4 Cts/S	10266	40.082	0.39045	10237	10294
Y_2243	224.306	{4 Cts/S	13361	50.371	0.37699	13326	13397
Y_3600	360.073	{ 9 Cts/S	104010	242.81	0.23345	104180	103840
Y_3710	371.030	{ 9 Cts/S	8154.2	35.199	0.43166	8129.3	8179.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0044	0	0.2116	0.0044	0.0044
Al3082	308.215	{1 In2306	ppm	0.2241	0.0842	37.58	0.1645	0.2836
As1890	189.042	{4 Y_2243	ppm	0.0114	0.0008	7.313	0.0108	0.012
B_2496	249.678	{1 Y_3710	ppm	0.0061	0.0021	34.03	0.0075	0.0046
Ba4554	455.403	{ 7 Y_3710	ppm	0.0105	0.0003	2.868	0.0103	0.0107
Be3130	313.042	{1 Y_3710	ppm	0.0043	0.0001	1.396	0.0042	0.0043
Ca3158	315.887	{1 In2306	ppm	0.107	0.0112	10.47	0.1149	0.0991
Ca3181	318.128	{1 In2306	ppm	0.1197	0.0375	31.33	0.1462	0.0932
Cd2288	228.802	{4 Y_2243	ppm	0.0059	0.001	17.3	0.0051	0.0066
Co2286	228.616	{4 In2306	ppm	0.0099	0.0012	12.38	0.009	0.0108
Cr2677	267.716	{1 Y_3600	ppm	0.0083	0.0002	1.865	0.0084	0.0082
Cu3247	324.754	{1 Y_3600	ppm	0.01	0.0003	2.719	0.0102	0.0098
Fe2404	240.488	{1 In2306	ppm	0.1208	0.0063	5.248	0.1253	0.1164
K_7664	766.490	{ 4 Y_3710	ppm	0.6826	0.015	2.196	0.6932	0.672
K_7698	769.896	{ 4 Y_3710	ppm	0.8048	0.0414	5.148	0.8341	0.7755
Li6707	670.784	{ 5 Y_3710	ppm	0.0102	0.0001	1.297	0.0101	0.0103
Mg2790	279.079	{1 Y_3710	ppm	0.0989	0.0311	31.4	0.077	0.1209
Mn2576	257.610	{1 Y_3600	ppm	0.0094	0.0002	1.761	0.0095	0.0093
Mn2576-2	257.610	{1 Y_3710	ppm	0.0095	0.0001	1.154	0.0094	0.0095
Mo2020	202.030	{4 Y_2243	ppm	0.0134	0.0021	15.59	0.0119	0.0148
Na5895	589.592	{ 5 Y_3710	ppm	0.6689	0.0374	5.594	0.6425	0.6954
Na8183	818.326	{ 4 Y_3710	ppm	0.3804	0.0415	10.91	0.4098	0.3511
Ni2316	231.604	{4 In2306	ppm	0.0111	0.0012	10.59	0.0103	0.012
P_1782	178.284	{4 In2306	ppm	0.008	0.0005	6.577	0.0076	0.0084
Pb2203	220.353	{4 In2306	ppm	0.0096	0.0004	4.248	0.0099	0.0094
S_1820	182.034	{4 Y_2243	ppm	2.079	0.9564	45.99	1.403	2.756
Sb2068	206.833	{4 Y_2243	ppm	0.0198	0.0015	7.755	0.0187	0.0209
Se1960	196.090	{4 Y_2243	ppm	0.0099	0.0006	5.736	0.0095	0.0103
Si2516	251.611	{1 Y_3710	ppm	0.0004	0.0002	41.29	0.0006	0.0003
Sn1899	189.989	{4 In2306	ppm	0.0102	0.0014	13.77	0.0092	0.0112
Sr4215	421.552	{ 8 Y_3710	ppm	0.0054	0.0003	5.043	0.0052	0.0056
Ti3349	334.904	{1 Y_3600	ppm	0.008	0.0001	1.055	0.0079	0.008
Tl1908	190.856	{4 In2306	ppm	0.0098	0.0012	12.37	0.009	0.0107
V_2924	292.402	{1 Y_3600	ppm	0.0073	0.0003	3.488	0.0075	0.0071
Zn2062	206.200	{4 In2306	ppm	0.0092	0.001	11.21	0.0085	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	67.34	4.5211	6.7138	70.537	64.143
In2306	230.606	{4 Cts/S	10902	174.27	1.5986	11025	10778
Y_2243	224.306	{4 Cts/S	13655	202.91	1.486	13798	13511
Y_3600	360.073	{ 9 Cts/S	107460	845.47	0.78679	106860	108060
Y_3710	371.030	{ 9 Cts/S	8135.3	179.38	2.205	8262.1	8008.4

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0.0003	96.69	-0.0001	-0.0006
Al3082	308.215	{1 In2306	ppm	0.0947	0.0441	46.57	0.1258	0.0635
As1890	189.042	{4 Y_2243	ppm	0.0021	0.0006	31.16	0.0025	0.0016
B_2496	249.678	{1 Y_3710	ppm	0.0029	0.0039	135.3	0.0001	0.0057
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0001	0.0002	349.4	-0.0002	0.0001
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0002	141.4	0	-0.0002
Ca3158	315.887	{1 In2306	ppm	-0.01	0.0107	107.1	-0.0024	-0.0176
Ca3181	318.128	{1 In2306	ppm	0.0088	0.1294	1471	0.1003	-0.0827
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	7.367	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0001	0	20.71	0.0001	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	1.325	-0.0003	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.001	0.0001	10.93	0.001	0.0009
Fe2404	240.488	{1 In2306	ppm	-0.0192	0.0143	74.41	-0.0091	-0.0293
K_7664	766.490	{ 4 Y_3710	ppm	0.0153	0.0312	204.2	0.0373	-0.0068
K_7698	769.896	{ 4 Y_3710	ppm	0.1343	0.0363	27	0.1599	0.1086
Li6707	670.784	{ 5 Y_3710	ppm	0.0007	0.0004	53.83	0.0005	0.001
Mg2790	279.079	{1 Y_3710	ppm	0.0146	0.0244	167.1	-0.0026	0.0318
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	21.84	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0022	0.0039	181.5	0.0049	-0.0006
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0002	106.4	0	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	-0.007	0.0034	48.31	-0.0094	-0.0046
Na8183	818.326	{ 4 Y_3710	ppm	-0.2977	0.0853	28.67	-0.2373	-0.358
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0003	158.4	0	0.0004
P_1782	178.284	{4 In2306	ppm	-0.0012	0.0004	34.31	-0.0015	-0.0009
Pb2203	220.353	{4 In2306	ppm	0	0.0002	863.3	-0.0002	0.0001
S_1820	182.034	{4 Y_2243	ppm	1.874	1.594	85.03	3.001	0.7474
Sb2068	206.833	{4 Y_2243	ppm	0.0031	0.0012	40.37	0.0022	0.0039
Se1960	196.090	{4 Y_2243	ppm	-0.0011	0.0003	31.94	-0.0008	-0.0013
Si2516	251.611	{1 Y_3710	ppm	0.0007	0.0065	955.8	-0.0039	0.0052
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0003	105.7	0.0005	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0002	99.25	-0.0003	-0.0001
Ti3349	334.904	{1 Y_3600	ppm	-0.0005	0.0002	46.37	-0.0003	-0.0007
Tl1908	190.856	{4 In2306	ppm	0.0012	0.0004	30.34	0.0009	0.0014
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0003	82.64	-0.0001	-0.0005
Zn2062	206.200	{4 In2306	ppm	-0.0001	0	22.13	-0.0002	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	65.939	0.45803	0.69462	65.615	66.262
In2306	230.606	{4 Cts/S	10808	55.737	0.51568	10848	10769
Y_2243	224.306	{4 Cts/S	13401	61.27	0.45719	13445	13358
Y_3600	360.073	{ 9 Cts/S	107410	183.57	0.17091	107280	107540
Y_3710	371.030	{ 9 Cts/S	8134.8	2.8958	0.0356	8136.9	8132.8

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Custom ID3=
Run Time=1/14/2012 10:53:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0023	0.0008	34.26	-0.0018	-0.0029
Al3082	308.215	{1 In2306	ppm	273.4	15.12	5.531	262.7	284.1
As1890	189.042	{4 Y_2243	ppm	1.728	0.0073	0.4253	1.723	1.733
B_2496	249.678	{1 Y_3710	ppm	0.7347	0.0178	2.419	0.7473	0.7222
Ba4554	455.403	{ 7 Y_3710	ppm	12.19	0.1409	1.156	12.29	12.09
Be3130	313.042	{1 Y_3710	ppm	0.0128	0.0001	0.6862	0.0129	0.0128
Ca3158	315.887	{1 In2306	ppm	2469	144.5	5.851	2367	2571
Ca3181	318.128	{1 In2306	ppm	2489	145.4	5.839	2387	2592
Cd2288	228.802	{4 Y_2243	ppm	0.8408	0.0036	0.4258	0.8382	0.8433
Co2286	228.616	{4 In2306	ppm	0.2716	0.0017	0.6415	0.2704	0.2729
Cr2677	267.716	{1 Y_3600	ppm	0.4162	0.005	1.21	0.4126	0.4198
Cu3247	324.754	{1 Y_3600	ppm	20.25	0.3378	1.668	20.01	20.49
Fe2404	240.488	{1 In2306	ppm	1426	80.31	5.631	1369	1483
K_7664	766.490	{ 4 Y_3710	ppm	38.18	0.4626	1.212	38.51	37.85
K_7698	769.896	{ 4 Y_3710	ppm	39.79	0.5569	1.4	40.18	39.4
Li6707	670.784	{ 5 Y_3710	ppm	0.2019	0.0029	1.445	0.204	0.1999
Mg2790	279.079	{1 Y_3710	ppm	26.15	0.1715	0.6557	26.27	26.03
Mn2576	257.610	{1 Y_3600	ppm	12.62	0.0112	0.089	12.62	12.63
Mn2576-2	257.610	{1 Y_3710	ppm	15.01	0.1388	0.925	15.11	14.91
Mo2020	202.030	{4 Y_2243	ppm	0.2536	0.0004	0.1691	0.2539	0.2533
Na5895	589.592	{ 5 Y_3710	ppm	55.02	0.6564	1.193	55.49	54.56
Na8183	818.326	{ 4 Y_3710	ppm	65.4	0.5596	0.8556	65.8	65.01
Ni2316	231.604	{4 In2306	ppm	1.816	0.0057	0.3154	1.812	1.82
P_1782	178.284	{4 In2306	ppm	19.15	0.0408	0.213	19.12	19.17
Pb2203	220.353	{4 In2306	ppm	128.1	0.5016	0.3914	127.8	128.5
S_1820	182.034	{4 Y_2243	ppm	-95060	371.3	0.3906	-94800	-95320
Sb2068	206.833	{4 Y_2243	ppm	0.3813	0.0071	1.873	0.3763	0.3864
Se1960	196.090	{4 Y_2243	ppm	0.5123	0.0025	0.4891	0.5105	0.514
Si2516	251.611	{1 Y_3710	ppm	7.47	0.1058	1.417	7.545	7.395
Sn1899	189.989	{4 In2306	ppm	9.372	0.0364	0.3883	9.347	9.398
Sr4215	421.552	{ 8 Y_3710	ppm	7.017	0.0624	0.8892	7.062	6.973
Ti3349	334.904	{1 Y_3600	ppm	0.4548	0.0066	1.455	0.4501	0.4595
Tl1908	190.856	{4 In2306	ppm	-0.0225	0.0005	2.425	-0.0229	-0.0222
V_2924	292.402	{1 Y_3600	ppm	0.7168	0.0085	1.183	0.7108	0.7228
Zn2062	206.200	{4 In2306	ppm	4.662	0.0142	0.3042	4.652	4.672

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	57.75	3.1941	5.531	60.009	55.491
In2306	230.606	{4 Cts/S	7022	35.933	0.51172	7047.4	6996.6
Y_2243	224.306	{4 Cts/S	11517	72.722	0.63145	11568	11465
Y_3600	360.073	{ 9 Cts/S	91435	1182	1.2928	92271	90599
Y_3710	371.030	{ 9 Cts/S	7356.6	63.609	0.86465	7311.6	7401.5

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0027	0.0001	1.961	-0.0026	-0.0027
Al3082	308.215	{1 In2306	ppm	327.8	13.05	3.98	318.6	337
As1890	189.042	{4 Y_2243	ppm	0.2484	0.0072	2.882	0.2534	0.2433
B_2496	249.678	{1 Y_3710	ppm	0.0503	0.0136	27	0.0407	0.0599
Ba4554	455.403	{ 7 Y_3710	ppm	2.259	0.0663	2.936	2.212	2.306
Be3130	313.042	{1 Y_3710	ppm	0.0144	0.0006	3.933	0.014	0.0148
Ca3158	315.887	{1 In2306	ppm	2168	62.64	2.889	2124	2213
Ca3181	318.128	{1 In2306	ppm	2158	62.01	2.873	2114	2202
Cd2288	228.802	{4 Y_2243	ppm	0.0128	0.0016	12.53	0.0117	0.0139
Co2286	228.616	{4 In2306	ppm	0.1185	0.0012	0.9976	0.1194	0.1177
Cr2677	267.716	{1 Y_3600	ppm	0.1959	0.0007	0.3824	0.1954	0.1965
Cu3247	324.754	{1 Y_3600	ppm	0.2067	0.0006	0.3115	0.2071	0.2062
Fe2404	240.488	{1 In2306	ppm	276.3	8.691	3.145	270.2	282.5
K_7664	766.490	{ 4 Y_3710	ppm	24.44	0.8185	3.349	23.86	25.02
K_7698	769.896	{ 4 Y_3710	ppm	25.29	0.7748	3.063	24.74	25.84
Li6707	670.784	{ 5 Y_3710	ppm	0.1768	0.0064	3.623	0.1723	0.1813
Mg2790	279.079	{1 Y_3710	ppm	25.92	0.3601	1.389	25.67	26.18
Mn2576	257.610	{1 Y_3600	ppm	5.504	0.0207	0.3758	5.489	5.518
Mn2576-2	257.610	{1 Y_3710	ppm	6.135	0.125	2.038	6.046	6.223
Mo2020	202.030	{4 Y_2243	ppm	0.005	0.0009	17.65	0.0044	0.0056
Na5895	589.592	{ 5 Y_3710	ppm	2.917	0.0914	3.133	2.852	2.981
Na8183	818.326	{ 4 Y_3710	ppm	3.582	0.2503	6.988	3.405	3.759
Ni2316	231.604	{4 In2306	ppm	0.3786	0.002	0.5307	0.38	0.3772
P_1782	178.284	{4 In2306	ppm	24.24	0.3387	1.397	24.48	24
Pb2203	220.353	{4 In2306	ppm	1.342	0.2631	19.61	1.156	1.528
S_1820	182.034	{4 Y_2243	ppm	-1798	120.4	6.699	-1713	-1883
Sb2068	206.833	{4 Y_2243	ppm	0.0076	0.0002	2.299	0.0077	0.0075
Se1960	196.090	{4 Y_2243	ppm	0.0099	0.0001	0.9564	0.0099	0.01
Si2516	251.611	{1 Y_3710	ppm	6.22	0.0947	1.523	6.153	6.287
Sn1899	189.989	{4 In2306	ppm	0.0876	0.031	35.42	0.0656	0.1095
Sr4215	421.552	{ 8 Y_3710	ppm	3.973	0.1119	2.817	3.894	4.052
Ti3349	334.904	{1 Y_3600	ppm	0.239	0.0013	0.55	0.2381	0.24
Tl1908	190.856	{4 In2306	ppm	-0.0188	0.0011	5.724	-0.0196	-0.0181
V_2924	292.402	{1 Y_3600	ppm	0.5872	0.0035	0.5913	0.5847	0.5896
Zn2062	206.200	{4 In2306	ppm	0.728	0.0033	0.4506	0.7256	0.7303

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	57.469	1.506	2.6205	58.534	56.404
In2306	230.606	{4 Cts/S	7564.8	94.752	1.2525	7497.8	7631.8
Y_2243	224.306	{4 Cts/S	13457	167.09	1.2417	13338	13575
Y_3600	360.073	{ 9 Cts/S	104350	197.12	0.1889	104490	104210
Y_3710	371.030	{ 9 Cts/S	7856	114.45	1.4569	7937	7775.1

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0029	0.0002	5.507	-0.0028	-0.003
Al3082	308.215	{1 In2306	ppm	335.8	9.945	2.962	328.7	342.8
As1890	189.042	{4 Y_2243	ppm	0.1749	0.0012	0.674	0.1758	0.1741
B_2496	249.678	{1 Y_3710	ppm	0.0521	0.0032	6.107	0.0498	0.0543
Ba4554	455.403	{ 7 Y_3710	ppm	2.271	0.0271	1.192	2.252	2.291
Be3130	313.042	{1 Y_3710	ppm	0.0145	0.0007	4.582	0.0141	0.015
Ca3158	315.887	{1 In2306	ppm	2944	84.92	2.885	2884	3004
Ca3181	318.128	{1 In2306	ppm	3033	99.39	3.276	2963	3104
Cd2288	228.802	{4 Y_2243	ppm	0.0099	0	0.191	0.0099	0.0098
Co2286	228.616	{4 In2306	ppm	0.1187	0.0002	0.189	0.1189	0.1186
Cr2677	267.716	{1 Y_3600	ppm	0.1888	0.0061	3.207	0.1845	0.1931
Cu3247	324.754	{1 Y_3600	ppm	0.171	0.0046	2.71	0.1677	0.1743
Fe2404	240.488	{1 In2306	ppm	281.8	9.052	3.212	275.4	288.2
K_7664	766.490	{ 4 Y_3710	ppm	22.2	0.3577	1.611	21.95	22.45
K_7698	769.896	{ 4 Y_3710	ppm	23.08	0.4869	2.11	22.74	23.42
Li6707	670.784	{ 5 Y_3710	ppm	0.1959	0.0007	0.3473	0.1954	0.1963
Mg2790	279.079	{1 Y_3710	ppm	24.21	0.5946	2.456	23.79	24.63
Mn2576	257.610	{1 Y_3600	ppm	4.997	0.099	1.981	4.927	5.067
Mn2576-2	257.610	{1 Y_3710	ppm	5.772	0.0959	1.662	5.704	5.84
Mo2020	202.030	{4 Y_2243	ppm	0.0032	0.0003	7.918	0.003	0.0034
Na5895	589.592	{ 5 Y_3710	ppm	3.548	0.0497	1.402	3.512	3.583
Na8183	818.326	{ 4 Y_3710	ppm	3.929	0.0448	1.139	3.898	3.961
Ni2316	231.604	{4 In2306	ppm	0.3729	0.0025	0.6693	0.3747	0.3712
P_1782	178.284	{4 In2306	ppm	22.01	0.0936	0.4254	22.08	21.94
Pb2203	220.353	{4 In2306	ppm	0.7686	0.0038	0.4879	0.766	0.7713
S_1820	182.034	{4 Y_2243	ppm	-1559	0.2877	0.0184	-1559	-1560
Sb2068	206.833	{4 Y_2243	ppm	-0.0013	0.0043	322.4	-0.0044	0.0017
Se1960	196.090	{4 Y_2243	ppm	0.0097	0.0072	74.68	0.0046	0.0148
Si2516	251.611	{1 Y_3710	ppm	6.313	0.0658	1.042	6.266	6.359
Sn1899	189.989	{4 In2306	ppm	0.044	0.0015	3.341	0.0429	0.045
Sr4215	421.552	{ 8 Y_3710	ppm	5.174	0.0694	1.341	5.125	5.224
Ti3349	334.904	{1 Y_3600	ppm	0.2267	0.0077	3.398	0.2213	0.2322
Tl1908	190.856	{4 In2306	ppm	-0.0149	0.0015	10.08	-0.0159	-0.0138
V_2924	292.402	{1 Y_3600	ppm	0.5705	0.0167	2.932	0.5587	0.5823
Zn2062	206.200	{4 In2306	ppm	0.6846	0.003	0.4408	0.6867	0.6825

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	55.37	1.6751	3.0252	56.554	54.185
In2306	230.606	{4 Cts/S	7165.4	35.495	0.49536	7140.3	7190.5
Y_2243	224.306	{4 Cts/S	12982	57.446	0.4425	12942	13023
Y_3600	360.073	{ 9 Cts/S	102910	2339.1	2.273	104570	101260
Y_3710	371.030	{ 9 Cts/S	7473.1	137.07	1.8342	7570	7376.1

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4386	0.0051	1.174	0.4422	0.4349
Al3082	308.215	{1 In2306	ppm	438.3	6.423	1.465	442.9	433.8
As1890	189.042	{4 Y_2243	ppm	1.237	0.0075	0.6042	1.231	1.242
B_2496	249.678	{1 Y_3710	ppm	0.5025	0.0082	1.638	0.4967	0.5083
Ba4554	455.403	{ 7 Y_3710	ppm	3.479	0.0076	0.2183	3.484	3.474
Be3130	313.042	{1 Y_3710	ppm	0.4318	0.0025	0.5775	0.4335	0.43
Ca3158	315.887	{1 In2306	ppm	2253	21.3	0.9453	2269	2238
Ca3181	318.128	{1 In2306	ppm	2250	20.96	0.9313	2265	2236
Cd2288	228.802	{4 Y_2243	ppm	0.4654	0.0001	0.0202	0.4654	0.4655
Co2286	228.616	{4 In2306	ppm	1.078	0.0018	0.1681	1.079	1.077
Cr2677	267.716	{1 Y_3600	ppm	0.8815	0.0227	2.573	0.8975	0.8654
Cu3247	324.754	{1 Y_3600	ppm	1.003	0.0095	0.9464	1.01	0.9962
Fe2404	240.488	{1 In2306	ppm	311.8	3.588	1.151	314.4	309.3
K_7664	766.490	{ 4 Y_3710	ppm	42.53	0.2592	0.6095	42.71	42.34
K_7698	769.896	{ 4 Y_3710	ppm	44.28	0.2524	0.57	44.46	44.11
Li6707	670.784	{ 5 Y_3710	ppm	0.8604	0.0055	0.6386	0.8642	0.8565
Mg2790	279.079	{1 Y_3710	ppm	38.91	0.136	0.3496	38.81	39.01
Mn2576	257.610	{1 Y_3600	ppm	6.064	0.0524	0.8645	6.101	6.027
Mn2576-2	257.610	{1 Y_3710	ppm	6.99	0.0247	0.3538	7.007	6.972
Mo2020	202.030	{4 Y_2243	ppm	0.7261	0.0014	0.1938	0.7271	0.7251
Na5895	589.592	{ 5 Y_3710	ppm	14.52	0.0682	0.4695	14.57	14.47
Na8183	818.326	{ 4 Y_3710	ppm	15.85	0.0048	0.0306	15.86	15.85
Ni2316	231.604	{4 In2306	ppm	1.426	0.0023	0.1586	1.424	1.428
P_1782	178.284	{4 In2306	ppm	26.13	0.0671	0.2569	26.09	26.18
Pb2203	220.353	{4 In2306	ppm	2.118	0.004	0.191	2.121	2.115
S_1820	182.034	{4 Y_2243	ppm	-1548	2.43	0.157	-1546	-1550
Sb2068	206.833	{4 Y_2243	ppm	0.222	0.0023	1.037	0.2237	0.2204
Se1960	196.090	{4 Y_2243	ppm	1.003	0.0007	0.0706	1.003	1.004
Si2516	251.611	{1 Y_3710	ppm	6.267	0.0395	0.6301	6.295	6.239
Sn1899	189.989	{4 In2306	ppm	0.8516	0.0026	0.3108	0.8535	0.8497
Sr4215	421.552	{ 8 Y_3710	ppm	4.688	0.0101	0.2145	4.695	4.681
Ti3349	334.904	{1 Y_3600	ppm	0.4578	0.0105	2.297	0.4653	0.4504
Tl1908	190.856	{4 In2306	ppm	0.7835	0.0007	0.0931	0.7841	0.783
V_2924	292.402	{1 Y_3600	ppm	1.263	0.026	2.058	1.281	1.244
Zn2062	206.200	{4 In2306	ppm	1.7	0.0089	0.5219	1.706	1.694

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	53.551	0.6994	1.3061	53.056	54.045
In2306	230.606	{4 Cts/S	7382.9	29.511	0.39972	7403.8	7362
Y_2243	224.306	{4 Cts/S	13216	69.898	0.52891	13265	13166
Y_3600	360.073	{ 9 Cts/S	104900	1185	1.1296	104070	105740
Y_3710	371.030	{ 9 Cts/S	7412.4	17.92	0.24176	7399.7	7425

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4545	0.0017	0.3844	0.4558	0.4533
Al3082	308.215	{1 In2306	ppm	435.2	2.222	0.5107	433.6	436.7
As1890	189.042	{4 Y_2243	ppm	1.176	0.0132	1.119	1.167	1.185
B_2496	249.678	{1 Y_3710	ppm	0.4906	0.0003	0.0612	0.4908	0.4904
Ba4554	455.403	{ 7 Y_3710	ppm	3.459	0.045	1.3	3.491	3.427
Be3130	313.042	{1 Y_3710	ppm	0.4279	0.0003	0.063	0.4281	0.4277
Ca3158	315.887	{1 In2306	ppm	2914	46.82	1.607	2881	2947
Ca3181	318.128	{1 In2306	ppm	2942	45.07	1.532	2910	2974
Cd2288	228.802	{4 Y_2243	ppm	0.4678	0.0037	0.8004	0.4652	0.4705
Co2286	228.616	{4 In2306	ppm	1.074	0.0104	0.9675	1.067	1.081
Cr2677	267.716	{1 Y_3600	ppm	0.8832	0.002	0.2237	0.8818	0.8846
Cu3247	324.754	{1 Y_3600	ppm	1.012	0.0044	0.4304	1.015	1.009
Fe2404	240.488	{1 In2306	ppm	320.3	3.884	1.213	317.5	323
K_7664	766.490	{ 4 Y_3710	ppm	38.41	0.7375	1.92	38.93	37.89
K_7698	769.896	{ 4 Y_3710	ppm	40.41	0.6975	1.726	40.91	39.92
Li6707	670.784	{ 5 Y_3710	ppm	0.8762	0.0275	3.143	0.8956	0.8567
Mg2790	279.079	{1 Y_3710	ppm	36.06	0.2213	0.6137	35.91	36.22
Mn2576	257.610	{1 Y_3600	ppm	5.943	0.0022	0.0367	5.945	5.942
Mn2576-2	257.610	{1 Y_3710	ppm	6.793	0.0017	0.025	6.795	6.792
Mo2020	202.030	{4 Y_2243	ppm	0.7332	0.0062	0.8482	0.7288	0.7375
Na5895	589.592	{ 5 Y_3710	ppm	15.45	0.3086	1.997	15.67	15.24
Na8183	818.326	{ 4 Y_3710	ppm	16.94	0.047	0.2773	16.98	16.91
Ni2316	231.604	{4 In2306	ppm	1.402	0.0153	1.091	1.391	1.413
P_1782	178.284	{4 In2306	ppm	21.18	0.1934	0.9132	21.04	21.32
Pb2203	220.353	{4 In2306	ppm	1.608	0.0125	0.7741	1.6	1.617
S_1820	182.034	{4 Y_2243	ppm	-1472	16.64	1.13	-1460	-1483
Sb2068	206.833	{4 Y_2243	ppm	0.1946	0.002	1.02	0.1932	0.196
Se1960	196.090	{4 Y_2243	ppm	1.014	0.008	0.7935	1.009	1.02
Si2516	251.611	{1 Y_3710	ppm	7.079	0.0348	0.4918	7.104	7.055
Sn1899	189.989	{4 In2306	ppm	0.8423	0.0072	0.8586	0.8372	0.8474
Sr4215	421.552	{ 8 Y_3710	ppm	5.491	0.048	0.8742	5.525	5.457
Ti3349	334.904	{1 Y_3600	ppm	0.452	0.0026	0.5803	0.4538	0.4501
Tl1908	190.856	{4 In2306	ppm	0.7831	0.0024	0.3062	0.7815	0.7848
V_2924	292.402	{1 Y_3600	ppm	1.271	0.0001	0.0044	1.271	1.271
Zn2062	206.200	{4 In2306	ppm	1.643	0.0116	0.7045	1.635	1.651

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.503	0.34874	0.69052	50.75	50.257
In2306	230.606	{4 Cts/S	7148.9	64.409	0.90097	7194.4	7103.3
Y_2243	224.306	{4 Cts/S	12789	128.21	1.0025	12880	12698
Y_3600	360.073	{ 9 Cts/S	100110	149.7	0.14954	100000	100210
Y_3710	371.030	{ 9 Cts/S	7147.2	19.375	0.27109	7133.5	7160.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4274	0.0034	0.8036	0.4299	0.425
Al3082	308.215	{1 In2306	ppm	358.5	0.0161	0.0045	358.5	358.5
As1890	189.042	{4 Y_2243	ppm	1.214	0.0059	0.4823	1.209	1.218
B_2496	249.678	{1 Y_3710	ppm	0.7846	0.005	0.6384	0.7882	0.7811
Ba4554	455.403	{ 7 Y_3710	ppm	3.42	0.0107	0.3116	3.428	3.413
Be3130	313.042	{1 Y_3710	ppm	0.4134	0.0024	0.5775	0.4151	0.4117
Ca3158	315.887	{1 In2306	ppm	2244	10.43	0.465	2251	2236
Ca3181	318.128	{1 In2306	ppm	2233	8.046	0.3604	2239	2227
Cd2288	228.802	{4 Y_2243	ppm	0.4538	0.0014	0.2981	0.4548	0.4529
Co2286	228.616	{4 In2306	ppm	1.031	0.0072	0.7014	1.036	1.026
Cr2677	267.716	{1 Y_3600	ppm	0.8396	0.0157	1.864	0.8507	0.8285
Cu3247	324.754	{1 Y_3600	ppm	1.006	0.0145	1.445	1.016	0.9954
Fe2404	240.488	{1 In2306	ppm	286	1.097	0.3834	286.8	285.2
K_7664	766.490	{ 4 Y_3710	ppm	37.8	0.0676	0.1789	37.75	37.84
K_7698	769.896	{ 4 Y_3710	ppm	39.54	0.007	0.0177	39.53	39.54
Li6707	670.784	{ 5 Y_3710	ppm	1.452	0.0045	0.31	1.448	1.455
Mg2790	279.079	{1 Y_3710	ppm	32.72	0.097	0.2966	32.79	32.65
Mn2576	257.610	{1 Y_3600	ppm	6.127	0.0569	0.9294	6.167	6.087
Mn2576-2	257.610	{1 Y_3710	ppm	6.798	0.0334	0.491	6.822	6.775
Mo2020	202.030	{4 Y_2243	ppm	0.8874	0.0031	0.3528	0.8896	0.8852
Na5895	589.592	{ 5 Y_3710	ppm	14.78	0.0207	0.1403	14.76	14.79
Na8183	818.326	{ 4 Y_3710	ppm	16.19	0.0508	0.3139	16.16	16.23
Ni2316	231.604	{4 In2306	ppm	1.371	0.0083	0.6026	1.377	1.365
P_1782	178.284	{4 In2306	ppm	25.16	0.1592	0.6325	25.28	25.05
Pb2203	220.353	{4 In2306	ppm	2.033	0.008	0.3935	2.038	2.027
S_1820	182.034	{4 Y_2243	ppm	-1682	4.178	0.2484	-1685	-1679
Sb2068	206.833	{4 Y_2243	ppm	0.9341	0.0082	0.8732	0.9399	0.9284
Se1960	196.090	{4 Y_2243	ppm	1.006	0.0068	0.6747	1.011	1.002
Si2516	251.611	{1 Y_3710	ppm	7.054	0.0496	0.7038	7.089	7.019
Sn1899	189.989	{4 In2306	ppm	0.8915	0.0067	0.751	0.8963	0.8868
Sr4215	421.552	{ 8 Y_3710	ppm	4.639	0.0155	0.3342	4.65	4.628
Ti3349	334.904	{1 Y_3600	ppm	0.8692	0.0167	1.918	0.881	0.8574
Tl1908	190.856	{4 In2306	ppm	0.7658	0.0091	1.19	0.7723	0.7594
V_2924	292.402	{1 Y_3600	ppm	1.204	0.0269	2.233	1.223	1.185
Zn2062	206.200	{4 In2306	ppm	1.609	0.0118	0.7324	1.618	1.601

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.382	0.11686	0.2231	52.299	52.464
In2306	230.606	{4 Cts/S	7478.8	33.896	0.45324	7454.8	7502.7
Y_2243	224.306	{4 Cts/S	13233	24.091	0.18206	13216	13250
Y_3600	360.073	{ 9 Cts/S	104010	1462.8	1.4063	102980	105050
Y_3710	371.030	{ 9 Cts/S	7347.6	30.608	0.41657	7326	7369.3

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:08:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.001	0.0001	12.19	-0.0009	-0.0011
Al3082	308.215	{1	In2306	ppm	69.58	0.099	0.1423	69.65	69.51
As1890	189.042	{4	Y_2243	ppm	0.0573	0.0033	5.795	0.0549	0.0596
B_2496	249.678	{1	Y_3710	ppm	0.006	0.0046	76.21	0.0028	0.0093
Ba4554	455.403	{ 7	Y_3710	ppm	0.4841	0.0027	0.564	0.486	0.4822
Be3130	313.042	{1	Y_3710	ppm	0.0031	0	0.2182	0.0031	0.0031
Ca3158	315.887	{1	In2306	ppm	478.9	2.455	0.5126	477.1	480.6
Ca3181	318.128	{1	In2306	ppm	455.6	2.459	0.5398	453.8	457.3
Cd2288	228.802	{4	Y_2243	ppm	0.0032	0.0008	24.51	0.0027	0.0038
Co2286	228.616	{4	In2306	ppm	0.0258	0.0022	8.484	0.0243	0.0274
Cr2677	267.716	{1	Y_3600	ppm	0.0474	0.0006	1.323	0.0479	0.047
Cu3247	324.754	{1	Y_3600	ppm	0.0461	0.0005	1.056	0.0458	0.0465
Fe2404	240.488	{1	In2306	ppm	58.25	0.2008	0.3448	58.11	58.39
K_7664	766.490	{ 4	Y_3710	ppm	5.342	0.0041	0.0768	5.339	5.345
K_7698	769.896	{ 4	Y_3710	ppm	5.586	0.0313	0.5606	5.564	5.608
Li6707	670.784	{ 5	Y_3710	ppm	0.0381	0.0006	1.587	0.0376	0.0385
Mg2790	279.079	{1	Y_3710	ppm	5.473	0.0525	0.9595	5.436	5.51
Mn2576	257.610	{1	Y_3600	ppm	1.393	0.0065	0.4683	1.389	1.398
Mn2576-2	257.610	{1	Y_3710	ppm	1.311	0.0004	0.0333	1.311	1.31
Mo2020	202.030	{4	Y_2243	ppm	0.0045	0.0033	72.51	0.0022	0.0068
Na5895	589.592	{ 5	Y_3710	ppm	0.6351	0.0109	1.716	0.6428	0.6274
Na8183	818.326	{ 4	Y_3710	ppm	0.0689	0.0305	44.31	0.0473	0.0905
Ni2316	231.604	{4	In2306	ppm	0.0799	0.0028	3.539	0.0779	0.0819
P_1782	178.284	{4	In2306	ppm	4.677	0.0508	1.085	4.641	4.713
Pb2203	220.353	{4	In2306	ppm	0.2375	0.0008	0.3256	0.2369	0.238
S_1820	182.034	{4	Y_2243	ppm	-392.4	6.244	1.591	-388	-396.8
Sb2068	206.833	{4	Y_2243	ppm	0.021	0.0027	13	0.0191	0.023
Se1960	196.090	{4	Y_2243	ppm	0.0021	0.0031	150.5	-0.0001	0.0043
Si2516	251.611	{1	Y_3710	ppm	1.311	0.0094	0.72	1.305	1.318
Sn1899	189.989	{4	In2306	ppm	0.0137	0.002	14.42	0.0123	0.0151
Sr4215	421.552	{ 8	Y_3710	ppm	0.8684	0.0032	0.3701	0.8707	0.8662
Ti3349	334.904	{1	Y_3600	ppm	0.0586	0.0002	0.2925	0.0587	0.0584
Tl1908	190.856	{4	In2306	ppm	-0.0011	0.0004	36.58	-0.0014	-0.0008
V_2924	292.402	{1	Y_3600	ppm	0.1393	0.0011	0.7866	0.1401	0.1386
Zn2062	206.200	{4	In2306	ppm	0.1537	0.0026	1.685	0.1518	0.1555

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	54.446	0.33618	0.61746	54.684	54.208
In2306	230.606	{4	Cts/S	8975.9	58.414	0.65079	9017.2	8934.6
Y_2243	224.306	{4	Cts/S	12737	89.304	0.70112	12801	12674
Y_3600	360.073	{ 9	Cts/S	103590	54.459	0.05257	103630	103550
Y_3710	371.030	{ 9	Cts/S	7384.9	18.169	0.24603	7397.7	7372

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Custom ID3=
Run Time=1/14/2012 11:11:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0005	0.0003	57.29	-0.0003	-0.0008
Al3082	308.215	{1 In2306	ppm	0.1564	0.0593	37.93	0.1983	0.1144
As1890	189.042	{4 Y_2243	ppm	0.0006	0.0021	339.2	-0.0009	0.0021
B_2496	249.678	{1 Y_3710	ppm	0.0014	0.0015	111.9	0.0024	0.0003
Ba4554	455.403	{ 7 Y_3710	ppm	0.0006	0.0002	27.39	0.0005	0.0008
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	1797	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	0.0334	0.0033	10.03	0.0357	0.031
Ca3181	318.128	{1 In2306	ppm	0.0719	0.0054	7.469	0.0757	0.0681
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	79.5	0	0.0002
Co2286	228.616	{4 In2306	ppm	0.0002	0	11.28	0.0002	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0005	0.0001	17.56	-0.0004	-0.0006
Cu3247	324.754	{1 Y_3600	ppm	0.0011	0	1.686	0.0011	0.0012
Fe2404	240.488	{1 In2306	ppm	0.0251	0.0034	13.44	0.0227	0.0275
K_7664	766.490	{ 4 Y_3710	ppm	0.017	0.028	164.8	-0.0028	0.0367
K_7698	769.896	{ 4 Y_3710	ppm	0.0791	0.0142	18.02	0.0891	0.069
Li6707	670.784	{ 5 Y_3710	ppm	-0.0018	0.0004	24.56	-0.0021	-0.0015
Mg2790	279.079	{1 Y_3710	ppm	0.0094	0.0153	163.4	-0.0015	0.0202
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	1.77	0.0002	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0.0024	0.0008	34.66	0.003	0.0018
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0004	238.9	-0.0001	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	-0.005	0.0037	73.23	-0.0024	-0.0076
Na8183	818.326	{ 4 Y_3710	ppm	-0.714	0.0378	5.299	-0.7407	-0.6872
Ni2316	231.604	{4 In2306	ppm	0.0004	0.0004	114.6	0.0001	0.0006
P_1782	178.284	{4 In2306	ppm	0.0125	0.0175	139.2	0.0002	0.0249
Pb2203	220.353	{4 In2306	ppm	0.0003	0.0017	485.2	-0.0008	0.0015
S_1820	182.034	{4 Y_2243	ppm	-0.1225	0.5216	425.8	0.2463	-0.4913
Sb2068	206.833	{4 Y_2243	ppm	0.0058	0.0003	4.952	0.0056	0.006
Se1960	196.090	{4 Y_2243	ppm	-0.0016	0.0002	11.98	-0.0018	-0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0004	0.0232	5319	-0.016	0.0169
Sn1899	189.989	{4 In2306	ppm	0.0003	0	1.62	0.0003	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	0.0001	0	33.76	0.0001	0
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0.0002	137.2	0.0003	0
Tl1908	190.856	{4 In2306	ppm	0.0005	0.0003	61.08	0.0008	0.0003
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0002	51.98	-0.0004	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0026	0.0008	29.66	0.0021	0.0032

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	55.661	0.07576	0.13611	55.607	55.714
In2306	230.606	{4 Cts/S	10719	69.201	0.64557	10768	10671
Y_2243	224.306	{4 Cts/S	13179	73.376	0.55677	13231	13127
Y_3600	360.073	{ 9 Cts/S	110120	994.33	0.90298	110820	109410
Y_3710	371.030	{ 9 Cts/S	7649.3	14.869	0.19439	7638.8	7659.8

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4888	0.0204	4.179	0.4744	0.5033
Al3082	308.215	{1 In2306	ppm	14.32	0.0784	0.5476	14.26	14.37
As1890	189.042	{4 Y_2243	ppm	1.127	0.0114	1.007	1.135	1.119
B_2496	249.678	{1 Y_3710	ppm	0.7411	0.0099	1.341	0.734	0.7481
Ba4554	455.403	{ 7 Y_3710	ppm	1.147	0.0091	0.7911	1.14	1.153
Be3130	313.042	{1 Y_3710	ppm	0.4412	0.0045	1.023	0.438	0.4443
Ca3158	315.887	{1 In2306	ppm	13.8	0.3046	2.208	13.58	14.01
Ca3181	318.128	{1 In2306	ppm	13.1	0.1317	1.005	13.01	13.19
Cd2288	228.802	{4 Y_2243	ppm	0.5187	0.0037	0.7196	0.5213	0.516
Co2286	228.616	{4 In2306	ppm	0.9289	0.0103	1.104	0.9361	0.9216
Cr2677	267.716	{1 Y_3600	ppm	0.857	0.039	4.554	0.8295	0.8846
Cu3247	324.754	{1 Y_3600	ppm	0.9668	0.0463	4.789	0.9341	0.9996
Fe2404	240.488	{1 In2306	ppm	10.91	0.1506	1.381	10.8	11.01
K_7664	766.490	{ 4 Y_3710	ppm	12.72	0.1131	0.8891	12.64	12.8
K_7698	769.896	{ 4 Y_3710	ppm	13.07	0.1207	0.9232	12.99	13.16
Li6707	670.784	{ 5 Y_3710	ppm	0.7166	0.0016	0.2187	0.7177	0.7155
Mg2790	279.079	{1 Y_3710	ppm	7.296	0.1481	2.03	7.191	7.4
Mn2576	257.610	{1 Y_3600	ppm	0.916	0.0404	4.407	0.8875	0.9446
Mn2576-2	257.610	{1 Y_3710	ppm	0.7866	0.012	1.527	0.7781	0.7951
Mo2020	202.030	{4 Y_2243	ppm	1.17	0.011	0.9405	1.178	1.162
Na5895	589.592	{ 5 Y_3710	ppm	12.98	0.0226	0.1741	12.96	12.99
Na8183	818.326	{ 4 Y_3710	ppm	12.89	0.0398	0.3086	12.86	12.92
Ni2316	231.604	{4 In2306	ppm	1.019	0.0104	1.02	1.027	1.012
P_1782	178.284	{4 In2306	ppm	-0.0003	0.0008	274.4	0.0003	-0.0009
Pb2203	220.353	{4 In2306	ppm	0.9729	0.0106	1.093	0.9804	0.9654
S_1820	182.034	{4 Y_2243	ppm	-1.153	0.7657	66.38	-0.612	-1.695
Sb2068	206.833	{4 Y_2243	ppm	1.104	0.0112	1.016	1.111	1.096
Se1960	196.090	{4 Y_2243	ppm	1.186	0.0073	0.6184	1.191	1.181
Si2516	251.611	{1 Y_3710	ppm	0.6136	0.0262	4.276	0.5951	0.6322
Sn1899	189.989	{4 In2306	ppm	0.8622	0.0115	1.331	0.8703	0.8541
Sr4215	421.552	{ 8 Y_3710	ppm	0.5942	0.0048	0.8151	0.5908	0.5977
Ti3349	334.904	{1 Y_3600	ppm	0.7833	0.0365	4.666	0.7575	0.8091
Tl1908	190.856	{4 In2306	ppm	0.8808	0.0098	1.113	0.8877	0.8739
V_2924	292.402	{1 Y_3600	ppm	0.8054	0.0366	4.544	0.7795	0.8312
Zn2062	206.200	{4 In2306	ppm	0.8862	0.0104	1.179	0.8935	0.8788

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	53.786	0.34265	0.63706	54.028	53.543
In2306	230.606	{4 Cts/S	10111	46.711	0.462	10078	10144
Y_2243	224.306	{4 Cts/S	12930	40.795	0.3155	12901	12959
Y_3600	360.073	{ 9 Cts/S	103580	3690.1	3.5625	106190	100970
Y_3710	371.030	{ 9 Cts/S	7371	69.853	0.94768	7420.4	7321.6

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2496	0.0218	8.736	0.2342	0.265
Al3082	308.215	{1 In2306	ppm	3.51	0.0827	2.356	3.569	3.452
As1890	189.042	{4 Y_2243	ppm	0.5687	0.0095	1.668	0.5754	0.562
B_2496	249.678	{1 Y_3710	ppm	0.3591	0.0103	2.86	0.3518	0.3663
Ba4554	455.403	{ 7 Y_3710	ppm	0.5556	0.0002	0.0404	0.5554	0.5558
Be3130	313.042	{1 Y_3710	ppm	0.4296	0.0016	0.3757	0.4284	0.4307
Ca3158	315.887	{1 In2306	ppm	17	0.6169	3.63	17.43	16.56
Ca3181	318.128	{1 In2306	ppm	15.97	0.5837	3.655	16.39	15.56
Cd2288	228.802	{4 Y_2243	ppm	0.5152	0.0062	1.206	0.5196	0.5108
Co2286	228.616	{4 In2306	ppm	0.4579	0.0067	1.458	0.4626	0.4531
Cr2677	267.716	{1 Y_3600	ppm	0.4544	0.0396	8.713	0.4264	0.4824
Cu3247	324.754	{1 Y_3600	ppm	0.4948	0.043	8.684	0.4644	0.5252
Fe2404	240.488	{1 In2306	ppm	2.684	0.1267	4.722	2.773	2.594
K_7664	766.490	{ 4 Y_3710	ppm	15.18	0.0092	0.0604	15.18	15.17
K_7698	769.896	{ 4 Y_3710	ppm	15.52	0.0621	0.4002	15.57	15.48
Li6707	670.784	{ 5 Y_3710	ppm	0.6749	0.0055	0.8118	0.6788	0.671
Mg2790	279.079	{1 Y_3710	ppm	3.56	0.048	1.348	3.526	3.594
Mn2576	257.610	{1 Y_3600	ppm	0.4822	0.0419	8.689	0.4526	0.5119
Mn2576-2	257.610	{1 Y_3710	ppm	0.3869	0.0032	0.8399	0.3846	0.3892
Mo2020	202.030	{4 Y_2243	ppm	0.5968	0.0049	0.8164	0.6003	0.5934
Na5895	589.592	{ 5 Y_3710	ppm	15.44	0.1063	0.6883	15.51	15.36
Na8183	818.326	{ 4 Y_3710	ppm	16.06	0.0014	0.0088	16.06	16.06
Ni2316	231.604	{4 In2306	ppm	0.5082	0.0054	1.062	0.512	0.5043
P_1782	178.284	{4 In2306	ppm	-0.0006	0.0009	149.3	0	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.4824	0.007	1.446	0.4873	0.4774
S_1820	182.034	{4 Y_2243	ppm	-396.9	3.694	0.9308	-399.5	-394.3
Sb2068	206.833	{4 Y_2243	ppm	0.573	0.0067	1.171	0.5777	0.5682
Se1960	196.090	{4 Y_2243	ppm	0.5938	0.0063	1.061	0.5983	0.5894
Si2516	251.611	{1 Y_3710	ppm	0.5629	0.0102	1.804	0.5557	0.5701
Sn1899	189.989	{4 In2306	ppm	0.426	0.006	1.4	0.4302	0.4218
Sr4215	421.552	{ 8 Y_3710	ppm	0.2914	0	0.0084	0.2913	0.2914
Ti3349	334.904	{1 Y_3600	ppm	0.4185	0.0371	8.857	0.3922	0.4447
Tl1908	190.856	{4 In2306	ppm	0.4337	0.0072	1.667	0.4388	0.4285
V_2924	292.402	{1 Y_3600	ppm	0.4223	0.0349	8.276	0.3976	0.447
Zn2062	206.200	{4 In2306	ppm	0.4411	0.0058	1.313	0.4452	0.437

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	54.943	2.2346	4.0671	53.363	56.523
In2306	230.606	{4 Cts/S	10193	75.917	0.74483	10139	10246
Y_2243	224.306	{4 Cts/S	12863	79.577	0.61863	12807	12920
Y_3600	360.073	{ 9 Cts/S	99721	6983	7.0026	104660	94783
Y_3710	371.030	{ 9 Cts/S	7511.9	44.409	0.59119	7543.3	7480.5

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Custom ID1=
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0001	1.392	0.005	0.0049
Al3082	308.215	{1 In2306	ppm	0.2845	0.0671	23.58	0.237	0.3319
As1890	189.042	{4 Y_2243	ppm	0.0119	0.001	8.359	0.0112	0.0126
B_2496	249.678	{1 Y_3710	ppm	0.0037	0.0004	11.72	0.004	0.0034
Ba4554	455.403	{ 7 Y_3710	ppm	0.0109	0.0002	2.24	0.0111	0.0107
Be3130	313.042	{1 Y_3710	ppm	0.0043	0.0001	1.911	0.0043	0.0042
Ca3158	315.887	{1 In2306	ppm	0.087	0.0098	11.24	0.0801	0.0939
Ca3181	318.128	{1 In2306	ppm	0.0838	0.0615	73.29	0.1273	0.0404
Cd2288	228.802	{4 Y_2243	ppm	0.0065	0.0014	21.27	0.0055	0.0074
Co2286	228.616	{4 In2306	ppm	0.0103	0.0014	13.36	0.0093	0.0113
Cr2677	267.716	{1 Y_3600	ppm	0.0082	0.0002	2.094	0.0083	0.0081
Cu3247	324.754	{1 Y_3600	ppm	0.0104	0.0001	0.8648	0.0105	0.0103
Fe2404	240.488	{1 In2306	ppm	0.1006	0.0018	1.757	0.1018	0.0993
K_7664	766.490	{ 4 Y_3710	ppm	0.7211	0.0047	0.6557	0.7178	0.7244
K_7698	769.896	{ 4 Y_3710	ppm	0.8284	0.0596	7.2	0.8706	0.7862
Li6707	670.784	{ 5 Y_3710	ppm	0.0116	0.0009	7.828	0.0122	0.0109
Mg2790	279.079	{1 Y_3710	ppm	0.0928	0.0404	43.55	0.0642	0.1213
Mn2576	257.610	{1 Y_3600	ppm	0.0092	0	0.4632	0.0093	0.0092
Mn2576-2	257.610	{1 Y_3710	ppm	0.0106	0.0025	23.3	0.0124	0.0089
Mo2020	202.030	{4 Y_2243	ppm	0.0151	0.0022	14.34	0.0135	0.0166
Na5895	589.592	{ 5 Y_3710	ppm	0.7464	0.0116	1.548	0.7546	0.7382
Na8183	818.326	{ 4 Y_3710	ppm	0.0064	0.0027	41.94	0.0045	0.0083
Ni2316	231.604	{4 In2306	ppm	0.0115	0.0017	14.62	0.0103	0.0127
P_1782	178.284	{4 In2306	ppm	0.0075	0.0008	10.48	0.0081	0.007
Pb2203	220.353	{4 In2306	ppm	0.01	0.0012	11.93	0.0092	0.0109
S_1820	182.034	{4 Y_2243	ppm	2.054	1.589	77.39	3.178	0.9299
Sb2068	206.833	{4 Y_2243	ppm	0.0221	0.0032	14.28	0.0199	0.0244
Se1960	196.090	{4 Y_2243	ppm	0.0119	0.0001	0.5151	0.012	0.0119
Si2516	251.611	{1 Y_3710	ppm	0	0.0082	22220	-0.0058	0.0057
Sn1899	189.989	{4 In2306	ppm	0.0103	0.0015	14.73	0.0093	0.0114
Sr4215	421.552	{ 8 Y_3710	ppm	0.0058	0.0001	2.274	0.0059	0.0057
Ti3349	334.904	{1 Y_3600	ppm	0.0079	0	0.1803	0.0079	0.0079
Tl1908	190.856	{4 In2306	ppm	0.0092	0.0001	0.7044	0.0092	0.0093
V_2924	292.402	{1 Y_3600	ppm	0.0074	0.0004	5.627	0.0076	0.0071
Zn2062	206.200	{4 In2306	ppm	0.0094	0.0012	13.08	0.0085	0.0103

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	54.231	0.17642	0.32532	54.356	54.106
In2306	230.606	{4 Cts/S	10741	125.21	1.1657	10652	10829
Y_2243	224.306	{4 Cts/S	13001	171.36	1.318	12880	13123
Y_3600	360.073	{ 9 Cts/S	110130	1055.2	0.9581	109380	110880
Y_3710	371.030	{ 9 Cts/S	7463.7	60.603	0.81197	7420.9	7506.6

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0003	207.1	-0.0003	0.0001
Al3082	308.215	{1 In2306	ppm	0.1999	0.0547	27.39	0.2386	0.1612
As1890	189.042	{4 Y_2243	ppm	-0.0006	0.0009	152.7	-0.0013	0
B_2496	249.678	{1 Y_3710	ppm	-0.0038	0	0.0555	-0.0038	-0.0038
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0002	64.83	-0.0002	-0.0004
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	64.34	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0424	0.0107	25.14	-0.0499	-0.0349
Ca3181	318.128	{1 In2306	ppm	0.0664	0.0139	20.95	0.0565	0.0762
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	1.312	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0001	0.0001	46.07	0.0001	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0005	309.2	0.0002	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0007	0	4.256	0.0008	0.0007
Fe2404	240.488	{1 In2306	ppm	0.0241	0.013	53.76	0.0333	0.015
K_7664	766.490	{ 4 Y_3710	ppm	0.0217	0.0438	201.8	-0.0093	0.0527
K_7698	769.896	{ 4 Y_3710	ppm	0.1037	0.0581	55.99	0.0627	0.1448
Li6707	670.784	{ 5 Y_3710	ppm	-0.0016	0.0001	3.619	-0.0015	-0.0016
Mg2790	279.079	{1 Y_3710	ppm	-0.0348	0.0349	100.3	-0.0594	-0.0101
Mn2576	257.610	{1 Y_3600	ppm	0	0	66.8	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0012	0.0004	31.61	0.0015	0.0009
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0001	80.26	0.0001	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	-0.0147	0.0009	6.398	-0.0153	-0.014
Na8183	818.326	{ 4 Y_3710	ppm	-0.7651	0.0981	12.83	-0.6957	-0.8345
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0003	64.37	0.0003	0.0007
P_1782	178.284	{4 In2306	ppm	-0.0006	0.0004	58.38	-0.0004	-0.0009
Pb2203	220.353	{4 In2306	ppm	0	0.0003	927	-0.0002	0.0003
S_1820	182.034	{4 Y_2243	ppm	2.984	0.4402	14.75	2.673	3.296
Sb2068	206.833	{4 Y_2243	ppm	0.004	0.0002	5.135	0.0039	0.0042
Se1960	196.090	{4 Y_2243	ppm	-0.0011	0.0002	14.26	-0.001	-0.0012
Si2516	251.611	{1 Y_3710	ppm	-0.0208	0.0177	85.31	-0.0334	-0.0083
Sn1899	189.989	{4 In2306	ppm	0	0.0004	1128	-0.0002	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0001	294	0	-0.0001
Ti3349	334.904	{1 Y_3600	ppm	-0.0003	0.0002	52.94	-0.0002	-0.0005
Tl1908	190.856	{4 In2306	ppm	-0.0001	0.0004	358.8	0.0002	-0.0004
V_2924	292.402	{1 Y_3600	ppm	-0.0002	0.0001	62.66	-0.0001	-0.0002
Zn2062	206.200	{4 In2306	ppm	-0.0001	0	16.53	-0.0001	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	54.082	0.2612	0.48296	54.267	53.898
In2306	230.606	{4 Cts/S	10806	132.56	1.2268	10712	10899
Y_2243	224.306	{4 Cts/S	13001	159.97	1.2305	12887	13114
Y_3600	360.073	{ 9 Cts/S	109780	245.11	0.22327	109960	109610
Y_3710	371.030	{ 9 Cts/S	7514.7	13.303	0.17702	7505.3	7524.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0006	0.0002	36.65	-0.0007	-0.0004
Al3082	308.215	{1 In2306	ppm	717.8	62.6	8.721	673.6	762.1
As1890	189.042	{4 Y_2243	ppm	0.0059	0.0006	9.376	0.0055	0.0063
B_2496	249.678	{1 Y_3710	ppm	0.0021	0.004	192.8	-0.0008	0.0049
Ba4554	455.403	{ 7 Y_3710	ppm	0.0001	0.0002	200.5	0	0.0002
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	15.79	-0.0002	-0.0001
Ca3158	315.887	{1 In2306	ppm	690.2	61.51	8.912	646.7	733.7
Ca3181	318.128	{1 In2306	ppm	650.5	58.33	8.967	609.2	691.7
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	235.1	-0.0001	0
Co2286	228.616	{4 In2306	ppm	0.0005	0.0001	14.53	0.0005	0.0004
Cr2677	267.716	{1 Y_3600	ppm	0.0017	0.0002	10.13	0.0018	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.004	0.0007	16.8	0.0045	0.0035
Fe2404	240.488	{1 In2306	ppm	210.2	18.46	8.786	197.1	223.2
K_7664	766.490	{ 4 Y_3710	ppm	0.026	0.0212	81.57	0.041	0.011
K_7698	769.896	{ 4 Y_3710	ppm	0.0076	0.0327	431.8	0.0307	-0.0155
Li6707	670.784	{ 5 Y_3710	ppm	0.0111	0.001	8.986	0.0104	0.0118
Mg2790	279.079	{1 Y_3710	ppm	414.8	6.507	1.569	410.2	419.4
Mn2576	257.610	{1 Y_3600	ppm	-0.0036	0.0001	1.5	-0.0035	-0.0036
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0035	0.0007	20.92	-0.003	-0.0041
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0002	251	0.0002	0
Na5895	589.592	{ 5 Y_3710	ppm	0.0065	0.0001	0.9107	0.0066	0.0065
Na8183	818.326	{ 4 Y_3710	ppm	0.1732	0.356	205.6	0.4249	-0.0786
Ni2316	231.604	{4 In2306	ppm	0.0063	0.0005	7.191	0.0066	0.006
P_1782	178.284	{4 In2306	ppm	0.0062	0.0011	17.71	0.0054	0.0069
Pb2203	220.353	{4 In2306	ppm	-0.0295	0.0106	36	-0.022	-0.0371
S_1820	182.034	{4 Y_2243	ppm	46	2.888	6.278	48.04	43.96
Sb2068	206.833	{4 Y_2243	ppm	-0.0088	0.0018	20.66	-0.0101	-0.0075
Se1960	196.090	{4 Y_2243	ppm	0.0016	0.0043	270.1	-0.0015	0.0047
Si2516	251.611	{1 Y_3710	ppm	-0.0049	0.0074	150.8	0.0003	-0.0101
Sn1899	189.989	{4 In2306	ppm	0.0014	0.0007	46.49	0.0019	0.0009
Sr4215	421.552	{ 8 Y_3710	ppm	0.0024	0.0002	9.792	0.0026	0.0022
Ti3349	334.904	{1 Y_3600	ppm	0.002	0.0001	4.324	0.002	0.0021
Tl1908	190.856	{4 In2306	ppm	-0.0038	0.002	51.69	-0.0024	-0.0052
V_2924	292.402	{1 Y_3600	ppm	-0.0066	0.0001	1.723	-0.0065	-0.0066
Zn2062	206.200	{4 In2306	ppm	0.0038	0.0002	5.533	0.004	0.0037

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.392	4.3884	8.539	54.496	48.289
In2306	230.606	{4 Cts/S	7673.9	157.55	2.0531	7562.5	7785.3
Y_2243	224.306	{4 Cts/S	11031	224.45	2.0347	10872	11190
Y_3600	360.073	{ 9 Cts/S	93793	1333.7	1.422	92850	94736
Y_3710	371.030	{ 9 Cts/S	6603.5	87.894	1.331	6665.7	6541.4

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5072	0.0171	3.368	0.4951	0.5192
Al3082	308.215	{1 In2306	ppm	744.6	14.78	1.985	755	734.1
As1890	189.042	{4 Y_2243	ppm	1.167	0.0107	0.9187	1.175	1.159
B_2496	249.678	{1 Y_3710	ppm	0.8104	0.0109	1.339	0.8181	0.8028
Ba4554	455.403	{ 7 Y_3710	ppm	1.274	0.0005	0.0412	1.274	1.274
Be3130	313.042	{1 Y_3710	ppm	0.4585	0.0016	0.3419	0.4596	0.4574
Ca3158	315.887	{1 In2306	ppm	700.6	13	1.855	709.8	691.5
Ca3181	318.128	{1 In2306	ppm	661.1	12.93	1.955	670.2	652
Cd2288	228.802	{4 Y_2243	ppm	0.5434	0.0029	0.5373	0.5455	0.5414
Co2286	228.616	{4 In2306	ppm	0.9247	0	0.003	0.9247	0.9248
Cr2677	267.716	{1 Y_3600	ppm	0.7643	0.0249	3.253	0.7468	0.7819
Cu3247	324.754	{1 Y_3600	ppm	0.9595	0.0323	3.365	0.9366	0.9823
Fe2404	240.488	{1 In2306	ppm	220.4	4.024	1.825	223.3	217.6
K_7664	766.490	{ 4 Y_3710	ppm	14.23	0.1075	0.7558	14.3	14.15
K_7698	769.896	{ 4 Y_3710	ppm	14.73	0.1697	1.152	14.85	14.61
Li6707	670.784	{ 5 Y_3710	ppm	1.561	0.0096	0.6162	1.568	1.554
Mg2790	279.079	{1 Y_3710	ppm	433.2	3.904	0.9013	435.9	430.4
Mn2576	257.610	{1 Y_3600	ppm	0.8164	0.0262	3.214	0.7979	0.835
Mn2576-2	257.610	{1 Y_3710	ppm	0.8411	0.0079	0.936	0.8467	0.8356
Mo2020	202.030	{4 Y_2243	ppm	1.113	0.008	0.7145	1.119	1.108
Na5895	589.592	{ 5 Y_3710	ppm	14.19	0.1216	0.8571	14.28	14.11
Na8183	818.326	{ 4 Y_3710	ppm	15.58	0.386	2.478	15.85	15.3
Ni2316	231.604	{4 In2306	ppm	1.028	0.0048	0.4672	1.025	1.031
P_1782	178.284	{4 In2306	ppm	1.081	0.0018	0.1673	1.08	1.082
Pb2203	220.353	{4 In2306	ppm	0.9273	0.0007	0.0714	0.9278	0.9268
S_1820	182.034	{4 Y_2243	ppm	53.5	1.868	3.492	52.18	54.82
Sb2068	206.833	{4 Y_2243	ppm	1.14	0.0101	0.8879	1.147	1.133
Se1960	196.090	{4 Y_2243	ppm	1.199	0.0107	0.889	1.206	1.191
Si2516	251.611	{1 Y_3710	ppm	0.6461	0.0165	2.551	0.6578	0.6345
Sn1899	189.989	{4 In2306	ppm	0.8518	0.0008	0.0972	0.8512	0.8524
Sr4215	421.552	{ 8 Y_3710	ppm	0.653	0.0014	0.2179	0.654	0.652
Ti3349	334.904	{1 Y_3600	ppm	0.7103	0.0208	2.935	0.6955	0.725
Tl1908	190.856	{4 In2306	ppm	0.8022	0.0013	0.1593	0.8031	0.8013
V_2924	292.402	{1 Y_3600	ppm	0.709	0.0237	3.345	0.6922	0.7257
Zn2062	206.200	{4 In2306	ppm	0.9091	0.0035	0.389	0.9066	0.9116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.532	1.0655	2.1085	49.779	51.286
In2306	230.606	{4 Cts/S	7729.6	23.858	0.30866	7712.7	7746.5
Y_2243	224.306	{4 Cts/S	11171	71.86	0.64325	11121	11222
Y_3600	360.073	{ 9 Cts/S	92997	2199.9	2.3656	94553	91442
Y_3710	371.030	{ 9 Cts/S	6401.8	49.879	0.77915	6366.5	6437

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2302	0.0009	0.394	0.2308	0.2296
Al3082	308.215	{1 In2306	ppm	3.609	0.0534	1.479	3.571	3.646
As1890	189.042	{4 Y_2243	ppm	0.5761	0.008	1.391	0.5818	0.5705
B_2496	249.678	{1 Y_3710	ppm	0.371	0.0294	7.935	0.3918	0.3502
Ba4554	455.403	{ 7 Y_3710	ppm	0.5614	0.0017	0.3023	0.5626	0.5602
Be3130	313.042	{1 Y_3710	ppm	0.4338	0.0006	0.1466	0.4334	0.4343
Ca3158	315.887	{1 In2306	ppm	17.04	0.1381	0.8101	16.95	17.14
Ca3181	318.128	{1 In2306	ppm	15.91	0.1754	1.103	15.78	16.03
Cd2288	228.802	{4 Y_2243	ppm	0.5223	0.0069	1.312	0.5272	0.5175
Co2286	228.616	{4 In2306	ppm	0.4595	0.0059	1.283	0.4636	0.4553
Cr2677	267.716	{1 Y_3600	ppm	0.4096	0.0037	0.8912	0.4122	0.407
Cu3247	324.754	{1 Y_3600	ppm	0.4568	0.0026	0.5593	0.455	0.4586
Fe2404	240.488	{1 In2306	ppm	2.69	0.0028	0.1051	2.688	2.692
K_7664	766.490	{ 4 Y_3710	ppm	15.31	0.1605	1.048	15.42	15.2
K_7698	769.896	{ 4 Y_3710	ppm	15.8	0.1602	1.014	15.91	15.68
Li6707	670.784	{ 5 Y_3710	ppm	0.6779	0.0089	1.313	0.6842	0.6716
Mg2790	279.079	{1 Y_3710	ppm	3.643	0.003	0.0819	3.64	3.645
Mn2576	257.610	{1 Y_3600	ppm	0.4403	0.0023	0.5257	0.442	0.4387
Mn2576-2	257.610	{1 Y_3710	ppm	0.3931	0.003	0.7505	0.3952	0.3911
Mo2020	202.030	{4 Y_2243	ppm	0.6114	0.0083	1.354	0.6173	0.6056
Na5895	589.592	{ 5 Y_3710	ppm	15.63	0.1836	1.174	15.76	15.5
Na8183	818.326	{ 4 Y_3710	ppm	16.3	0.0291	0.1786	16.33	16.28
Ni2316	231.604	{4 In2306	ppm	0.5144	0.0053	1.033	0.5181	0.5106
P_1782	178.284	{4 In2306	ppm	0.0007	0.0001	12.67	0.0007	0.0008
Pb2203	220.353	{4 In2306	ppm	0.4867	0.0019	0.3852	0.488	0.4854
S_1820	182.034	{4 Y_2243	ppm	-407.1	5.883	1.445	-411.3	-402.9
Sb2068	206.833	{4 Y_2243	ppm	0.6027	0.0078	1.29	0.6082	0.5972
Se1960	196.090	{4 Y_2243	ppm	0.61	0.0021	0.3506	0.6115	0.6085
Si2516	251.611	{1 Y_3710	ppm	0.5652	0.0034	0.6038	0.5628	0.5676
Sn1899	189.989	{4 In2306	ppm	0.4264	0.0056	1.305	0.4303	0.4224
Sr4215	421.552	{ 8 Y_3710	ppm	0.2957	0.0011	0.3719	0.2965	0.2949
Ti3349	334.904	{1 Y_3600	ppm	0.3745	0.0036	0.9535	0.3771	0.372
Tl1908	190.856	{4 In2306	ppm	0.4319	0.0069	1.594	0.4368	0.427
V_2924	292.402	{1 Y_3600	ppm	0.3815	0.001	0.2661	0.3822	0.3808
Zn2062	206.200	{4 In2306	ppm	0.4427	0.0063	1.434	0.4472	0.4382

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	54.264	0.11179	0.206	54.343	54.185
In2306	230.606	{4 Cts/S	10099	51.147	0.50647	10063	10135
Y_2243	224.306	{4 Cts/S	12614	81.024	0.64232	12557	12672
Y_3600	360.073	{ 9 Cts/S	107350	382.12	0.35595	107080	107620
Y_3710	371.030	{ 9 Cts/S	7301.1	1.3847	0.01897	7300.1	7302.1

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:37:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	92.08	0.0002	0
Al3082	308.215	{1 In2306	ppm	0.1385	0.0132	9.494	0.1478	0.1292
As1890	189.042	{4 Y_2243	ppm	0.003	0.0024	78.91	0.0013	0.0047
B_2496	249.678	{1 Y_3710	ppm	0.0038	0.01	264.7	-0.0033	0.0109
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0001	0	44.94	-0.0001	-0.0001
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	59.63	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0526	0.0195	37.08	-0.0388	-0.0664
Ca3181	318.128	{1 In2306	ppm	0.0405	0.032	79.06	0.0632	0.0179
Cd2288	228.802	{4 Y_2243	ppm	0.0021	0.0025	119.4	0.0003	0.0038
Co2286	228.616	{4 In2306	ppm	0.002	0.0023	117.5	0.0003	0.0036
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	40.27	-0.0002	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.001	0.0002	20.48	0.0011	0.0008
Fe2404	240.488	{1 In2306	ppm	0.0079	0.021	266.8	0.0227	-0.007
K_7664	766.490	{ 4 Y_3710	ppm	-0.0125	0.0167	133	-0.0243	-0.0007
K_7698	769.896	{ 4 Y_3710	ppm	0.2075	0.0342	16.47	0.2317	0.1834
Li6707	670.784	{ 5 Y_3710	ppm	-0.0006	0.0004	63.88	-0.0003	-0.0008
Mg2790	279.079	{1 Y_3710	ppm	-0.0162	0.0395	244.3	0.0118	-0.0441
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	29.45	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0021	0.0008	36.04	0.0016	0.0026
Mo2020	202.030	{4 Y_2243	ppm	0.0044	0.0039	90.09	0.0016	0.0071
Na5895	589.592	{ 5 Y_3710	ppm	-0.0075	0.0018	24.09	-0.0062	-0.0088
Na8183	818.326	{ 4 Y_3710	ppm	-0.3059	0.0442	14.45	-0.2746	-0.3372
Ni2316	231.604	{4 In2306	ppm	0.0025	0.0026	107.2	0.0006	0.0043
P_1782	178.284	{4 In2306	ppm	-0.0011	0.0004	39.98	-0.0014	-0.0008
Pb2203	220.353	{4 In2306	ppm	0.0018	0.0017	94.42	0.0006	0.0031
S_1820	182.034	{4 Y_2243	ppm	2.043	0.3999	19.57	2.325	1.76
Sb2068	206.833	{4 Y_2243	ppm	0.0143	0.0031	21.5	0.0122	0.0165
Se1960	196.090	{4 Y_2243	ppm	0.001	0.0037	371.7	-0.0016	0.0036
Si2516	251.611	{1 Y_3710	ppm	-0.0104	0.0186	178.9	0.0028	-0.0235
Sn1899	189.989	{4 In2306	ppm	0.0026	0.0026	99.96	0.0008	0.0045
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0002	113.9	0	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0.0001	45.42	0.0002	0.0001
Tl1908	190.856	{4 In2306	ppm	0.0016	0.0021	132	0.0001	0.0031
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0002	68.01	-0.0002	-0.0005
Zn2062	206.200	{4 In2306	ppm	0.0016	0.0021	134.1	0.0001	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	55.094	1.103	2.002	54.314	55.874
In2306	230.606	{4 Cts/S	10729	107.26	0.9997	10653	10805
Y_2243	224.306	{4 Cts/S	12797	179.08	1.3994	12670	12924
Y_3600	360.073	{ 9 Cts/S	110250	608	0.55148	110680	109820
Y_3710	371.030	{ 9 Cts/S	7456	41.755	0.56002	7426.5	7485.6

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:39:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0.0003	103.2	-0.0005	-0.0001
Al3082	308.215	{1 In2306	ppm	0.077	0.0378	49.09	0.0503	0.1037
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0008	364.7	-0.0008	0.0004
B_2496	249.678	{1 Y_3710	ppm	0.01	0.0111	111.8	0.0021	0.0178
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0	4.859	-0.0004	-0.0004
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	157.4	0	-0.0002
Ca3158	315.887	{1 In2306	ppm	-0.0351	0.0116	33.17	-0.0433	-0.0268
Ca3181	318.128	{1 In2306	ppm	0.0051	0.0258	506.8	0.0234	-0.0132
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	27.35	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	49.72	0.0001	0.0003
Cr2677	267.716	{1 Y_3600	ppm	-0.0006	0.0001	20.58	-0.0007	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0013	0.0002	12.58	0.0014	0.0012
Fe2404	240.488	{1 In2306	ppm	0.0187	0.0105	55.94	0.0261	0.0113
K_7664	766.490	{ 4 Y_3710	ppm	-0.0232	0.0126	54.27	-0.0143	-0.0321
K_7698	769.896	{ 4 Y_3710	ppm	-0.465	0.0751	16.15	-0.5181	-0.4119
Li6707	670.784	{ 5 Y_3710	ppm	-0.0005	0.0001	18.93	-0.0005	-0.0004
Mg2790	279.079	{1 Y_3710	ppm	0.0119	0.0133	112	0.0212	0.0025
Mn2576	257.610	{1 Y_3600	ppm	0	0	25.08	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0014	0.0007	50.5	0.0009	0.0019
Mo2020	202.030	{4 Y_2243	ppm	0	0.0001	319.4	-0.0001	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	-0.0062	0.0002	3.037	-0.0063	-0.006
Na8183	818.326	{ 4 Y_3710	ppm	-0.5419	0.0193	3.558	-0.5555	-0.5283
Ni2316	231.604	{4 In2306	ppm	-0.0001	0	25.44	-0.0001	-0.0001
P_1782	178.284	{4 In2306	ppm	-0.0021	0.0003	16.23	-0.0019	-0.0024
Pb2203	220.353	{4 In2306	ppm	-0.0006	0.0003	55.82	-0.0004	-0.0008
S_1820	182.034	{4 Y_2243	ppm	3.918	0.4028	10.28	3.633	4.203
Sb2068	206.833	{4 Y_2243	ppm	-0.0002	0.0005	215.3	-0.0006	0.0001
Se1960	196.090	{4 Y_2243	ppm	-0.0013	0.0005	43.37	-0.0009	-0.0017
Si2516	251.611	{1 Y_3710	ppm	-0.0187	0.0145	77.49	-0.0085	-0.029
Sn1899	189.989	{4 In2306	ppm	-0.0001	0.0001	124.8	0	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0	25.47	-0.0002	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0001	0	16.01	0.0001	0.0001
Tl1908	190.856	{4 In2306	ppm	0.0006	0.0003	50.06	0.0004	0.0009
V_2924	292.402	{1 Y_3600	ppm	-0.0005	0.0001	9.576	-0.0006	-0.0005
Zn2062	206.200	{4 In2306	ppm	-0.0004	0.0001	35.73	-0.0005	-0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	56.677	1.1878	2.0957	57.517	55.837
In2306	230.606	{4 Cts/S	11063	109.84	0.99283	10986	11141
Y_2243	224.306	{4 Cts/S	12948	146.34	1.1302	12844	13051
Y_3600	360.073	{ 9 Cts/S	113470	843.04	0.74297	112870	114070
Y_3710	371.030	{ 9 Cts/S	7716	143.12	1.8549	7614.8	7817.2

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:42:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0.0001	47.96	-0.0004	-0.0002
Al3082	308.215	{1 In2306	ppm	0.1125	0.055	48.9	0.0736	0.1514
As1890	189.042	{4 Y_2243	ppm	-0.0004	0.0006	146.7	-0.0009	0
B_2496	249.678	{1 Y_3710	ppm	0.0009	0.0121	1389	0.0094	-0.0077
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0001	41.35	-0.0002	-0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	358.8	0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.0254	0.0035	13.97	-0.0229	-0.0279
Ca3181	318.128	{1 In2306	ppm	0.0853	0.0677	79.39	0.1332	0.0374
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	16.99	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0	11.15	0.0002	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0001	24.68	-0.0005	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.001	0.0001	10.21	0.001	0.0009
Fe2404	240.488	{1 In2306	ppm	0.0101	0.0022	21.77	0.0117	0.0086
K_7664	766.490	{ 4 Y_3710	ppm	-0.0327	0.041	125.5	-0.0617	-0.0037
K_7698	769.896	{ 4 Y_3710	ppm	-0.482	0.033	6.841	-0.5054	-0.4587
Li6707	670.784	{ 5 Y_3710	ppm	-0.0012	0.0003	20.96	-0.0011	-0.0014
Mg2790	279.079	{1 Y_3710	ppm	0.0257	0.012	46.63	0.0173	0.0342
Mn2576	257.610	{1 Y_3600	ppm	0	0	61.16	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0016	0.0006	35.86	0.002	0.0012
Mo2020	202.030	{4 Y_2243	ppm	-0.0002	0.0001	37.63	-0.0002	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	-0.0104	0.0008	7.723	-0.0098	-0.0109
Na8183	818.326	{ 4 Y_3710	ppm	-0.7947	0.0204	2.567	-0.7802	-0.8091
Ni2316	231.604	{4 In2306	ppm	-0.0003	0.0001	35.77	-0.0004	-0.0002
P_1782	178.284	{4 In2306	ppm	-0.0028	0.0008	26.39	-0.0034	-0.0023
Pb2203	220.353	{4 In2306	ppm	0.0003	0.0004	142.7	0.0005	0
S_1820	182.034	{4 Y_2243	ppm	4.83	0.8065	16.7	5.4	4.26
Sb2068	206.833	{4 Y_2243	ppm	-0.0003	0.0014	539.5	0.0007	-0.0012
Se1960	196.090	{4 Y_2243	ppm	-0.001	0.0015	157.2	0.0001	-0.0021
Si2516	251.611	{1 Y_3710	ppm	-0.0105	0.0156	148.8	0.0005	-0.0215
Sn1899	189.989	{4 In2306	ppm	-0.0002	0.0001	53.88	-0.0003	-0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0	14.61	-0.0001	-0.0001
Ti3349	334.904	{1 Y_3600	ppm	-0.0005	0.0003	62.68	-0.0003	-0.0007
Tl1908	190.856	{4 In2306	ppm	0.0008	0.0001	11.49	0.0009	0.0007
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0001	20	-0.0003	-0.0004
Zn2062	206.200	{4 In2306	ppm	-0.0003	0	4.046	-0.0004	-0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	54.025	0.69153	1.28	53.536	54.514
In2306	230.606	{4 Cts/S	10977	52.844	0.48142	10939	11014
Y_2243	224.306	{4 Cts/S	12856	63.051	0.49043	12812	12901
Y_3600	360.073	{ 9 Cts/S	112210	2613.5	2.329	114060	110370
Y_3710	371.030	{ 9 Cts/S	7489.8	30.746	0.4105	7511.5	7468

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:47:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0005	625.1	0.0002	-0.0004
Al3082	308.215	{1 In2306	ppm	0.0982	0.0679	69.15	0.1463	0.0502
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0002	161.8	0	-0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.0006	0.0028	489.9	0.0014	-0.0026
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0	9.543	-0.0004	-0.0003
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	107.1	-0.0002	0
Ca3158	315.887	{1 In2306	ppm	-0.0347	0.02	57.55	-0.0489	-0.0206
Ca3181	318.128	{1 In2306	ppm	-0.0192	0.0875	455.6	-0.0811	0.0427
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	24.92	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0.0001	16.54	0.0003	0.0003
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	23.82	-0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0011	0.0002	19.22	0.0012	0.0009
Fe2404	240.488	{1 In2306	ppm	0.0031	0.0116	370.9	0.0114	-0.0051
K_7664	766.490	{ 4 Y_3710	ppm	0.014	0.0068	48.45	0.0187	0.0092
K_7698	769.896	{ 4 Y_3710	ppm	0.1504	0.1412	93.89	0.0505	0.2502
Li6707	670.784	{ 5 Y_3710	ppm	-0.0008	0.0007	81.5	-0.0003	-0.0013
Mg2790	279.079	{1 Y_3710	ppm	-0.0557	0.0076	13.68	-0.0611	-0.0503
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0.0001	64.75	0.0001	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0.0022	0.0009	40.77	0.0029	0.0016
Mo2020	202.030	{4 Y_2243	ppm	0	0.0001	304.9	0.0001	0
Na5895	589.592	{ 5 Y_3710	ppm	-0.0081	0.0028	34.46	-0.01	-0.0061
Na8183	818.326	{ 4 Y_3710	ppm	-0.5763	0.0419	7.277	-0.6059	-0.5466
Ni2316	231.604	{4 In2306	ppm	-0.0002	0.0001	51.39	-0.0003	-0.0001
P_1782	178.284	{4 In2306	ppm	-0.002	0.0009	42.53	-0.0014	-0.0026
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0009	720.4	-0.0005	0.0008
S_1820	182.034	{4 Y_2243	ppm	3.64	0.3736	10.26	3.376	3.904
Sb2068	206.833	{4 Y_2243	ppm	0.0045	0.0003	7.178	0.0047	0.0042
Se1960	196.090	{4 Y_2243	ppm	-0.0012	0.0012	95	-0.0004	-0.002
Si2516	251.611	{1 Y_3710	ppm	-0.0113	0.0113	99.96	-0.0193	-0.0033
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	111	0.0002	0
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0.0001	39.78	-0.0004	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0003	95.88	0.0001	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0011	0.0002	20.95	0.0013	0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0018	0	0.6233	-0.0018	-0.0018
Zn2062	206.200	{4 In2306	ppm	0	0	36.02	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	53.324	1.8875	3.5397	54.659	51.99
In2306	230.606	{4 Cts/S	10601	100.48	0.94781	10530	10673
Y_2243	224.306	{4 Cts/S	13171	121.13	0.9197	13085	13256
Y_3600	360.073	{ 9 Cts/S	110040	932.64	0.84753	109380	110700
Y_3710	371.030	{ 9 Cts/S	7385.3	188.44	2.5515	7518.6	7252.1

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:50:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	11540	0	0
Al3082	308.215	{1 In2306	ppm	0.1037	0.067	64.61	0.151	0.0563
As1890	189.042	{4 Y_2243	ppm	0.0001	0.001	1800	-0.0007	0.0008
B_2496	249.678	{1 Y_3710	ppm	-0.0003	0.0099	3379	-0.0073	0.0067
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0002	371.1	0.0001	-0.0002
Be3130	313.042	{1 Y_3710	ppm	-0.0002	0.0001	46.29	-0.0001	-0.0002
Ca3158	315.887	{1 In2306	ppm	-0.0417	0.0281	67.23	-0.0616	-0.0219
Ca3181	318.128	{1 In2306	ppm	0.0996	0.1013	101.7	0.0279	0.1712
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	133.7	0.0002	0
Co2286	228.616	{4 In2306	ppm	0.0001	0	65.34	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0	4.177	-0.0002	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.001	0.0003	25.44	0.0012	0.0008
Fe2404	240.488	{1 In2306	ppm	0.0141	0.0357	253.2	-0.0111	0.0393
K_7664	766.490	{ 4 Y_3710	ppm	-0.0011	0.0187	1715	0.0122	-0.0143
K_7698	769.896	{ 4 Y_3710	ppm	0.1411	0.0981	69.53	0.2104	0.0717
Li6707	670.784	{ 5 Y_3710	ppm	-0.0006	0.0007	107.4	-0.0002	-0.0011
Mg2790	279.079	{1 Y_3710	ppm	-0.0165	0.0127	77.36	-0.0255	-0.0075
Mn2576	257.610	{1 Y_3600	ppm	0	0	8.231	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0014	0.0014	100.3	0.0024	0.0004
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0001	98.68	0	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	-0.0015	0.0009	58.23	-0.0009	-0.0022
Na8183	818.326	{ 4 Y_3710	ppm	-0.6435	0.0636	9.877	-0.6884	-0.5985
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0001	62.96	0.0001	0.0002
P_1782	178.284	{4 In2306	ppm	-0.0018	0.0006	34.03	-0.0022	-0.0013
Pb2203	220.353	{4 In2306	ppm	-0.0009	0.0005	58.89	-0.0005	-0.0013
S_1820	182.034	{4 Y_2243	ppm	4.843	0.9961	20.57	5.547	4.138
Sb2068	206.833	{4 Y_2243	ppm	0.0022	0.0001	2.648	0.0021	0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.001	204.7	-0.0012	0.0002
Si2516	251.611	{1 Y_3710	ppm	-0.0121	0.0045	37.65	-0.0088	-0.0153
Sn1899	189.989	{4 In2306	ppm	-0.0004	0.0003	68.51	-0.0006	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0004	0.0002	45.35	-0.0003	-0.0005
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0.0004	215.8	-0.0001	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0015	0	1.64	0.0015	0.0015
V_2924	292.402	{1 Y_3600	ppm	-0.0015	0	1.739	-0.0015	-0.0015
Zn2062	206.200	{4 In2306	ppm	-0.0001	0	17.22	-0.0001	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.626	1.0618	2.0176	51.875	53.377
In2306	230.606	{4 Cts/S	10660	174.94	1.6412	10536	10783
Y_2243	224.306	{4 Cts/S	13259	249.74	1.8836	13082	13435
Y_3600	360.073	{ 9 Cts/S	111130	97.936	0.08813	111200	111060
Y_3710	371.030	{ 9 Cts/S	7305.5	71.703	0.98149	7254.8	7356.2

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:52:47
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0	0	85.92	0	0.0001
Al3082	308.215	{1 In2306	Cts/S	0.1922	0.0055	2.884	0.1883	0.1961
As1890	189.042	{4 Y_2243	Cts/S	0	0	64.91	0.0001	0
B_2496	249.678	{1 Y_3710	Cts/S	0.0002	0.0001	75.5	0.0003	0.0001
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.0061	0	0.0945	0.0061	0.0061
Be3130	313.042	{1 Y_3710	Cts/S	-0.0001	0.0001	76.48	-0.0002	-0.0001
Ca3158	315.887	{1 In2306	Cts/S	-0.0861	0.0115	13.4	-0.0943	-0.0779
Ca3181	318.128	{1 In2306	Cts/S	-0.0327	0.0539	164.6	-0.0708	0.0054
Cd2288	228.802	{4 Y_2243	Cts/S	0.0004	0	4.752	0.0004	0.0004
Co2286	228.616	{4 In2306	Cts/S	-0.0002	0.0001	26.33	-0.0003	-0.0002
Cr2677	267.716	{1 Y_3600	Cts/S	0	0	55.84	0.0001	0
Cu3247	324.754	{1 Y_3600	Cts/S	0.0013	0	2.502	0.0013	0.0014
Fe2404	240.488	{1 In2306	Cts/S	0.0099	0.0293	296.4	-0.0108	0.0306
K_7664	766.490	{ 4 Y_3710	Cts/S	-0.0009	0.001	109.9	-0.0016	-0.0002
K_7698	769.896	{ 4 Y_3710	Cts/S	0.0267	0.0025	9.295	0.0284	0.0249
Li6707	670.784	{ 5 Y_3710	Cts/S	0.0025	0.0012	47.92	0.0034	0.0017
Mg2790	279.079	{1 Y_3710	Cts/S	0	0.0001	322.4	0	0.0001
Mn2576	257.610	{1 Y_3600	Cts/S	0.0001	0	28	0.0001	0
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0001	0.0001	93.57	0.0002	0
Mo2020	202.030	{4 Y_2243	Cts/S	0.0001	0	56.6	0.0001	0
Na5895	589.592	{ 5 Y_3710	Cts/S	0.0055	0.001	17.68	0.0062	0.0048
Na8183	818.326	{ 4 Y_3710	Cts/S	-0.0108	0.0012	11.45	-0.0099	-0.0117
Ni2316	231.604	{4 In2306	Cts/S	0.0002	0	2.49	0.0002	0.0002
P_1782	178.284	{4 In2306	Cts/S	0.0001	0	39.99	0.0002	0.0001
Pb2203	220.353	{4 In2306	Cts/S	-0.0002	0.0001	58.99	-0.0001	-0.0002
S_1820	182.034	{4 Y_2243	Cts/S	-0.0003	0	5.516	-0.0003	-0.0003
Sb2068	206.833	{4 Y_2243	Cts/S	-0.0001	0	53.17	0	-0.0001
Se1960	196.090	{4 Y_2243	Cts/S	0	0	281.4	0	0
Si2516	251.611	{1 Y_3710	Cts/S	0.0001	0.0001	108.4	0.0001	0
Sn1899	189.989	{4 In2306	Cts/S	0	0	34.45	0	0.0001
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.0005	0.0008	174.5	-0.0001	0.001
Ti3349	334.904	{1 Y_3600	Cts/S	0	0	377.5	0	0
Tl1908	190.856	{4 In2306	Cts/S	-0.0001	0	51.74	0	-0.0001
V_2924	292.402	{1 Y_3600	Cts/S	-0.0002	0	8.673	-0.0003	-0.0002
Zn2062	206.200	{4 In2306	Cts/S	0.0006	0.0001	15.25	0.0007	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.051	1.4412	2.7689	51.032	53.071
In2306	230.606	{4 Cts/S	10550	149.37	1.4159	10655	10444
Y_2243	224.306	{4 Cts/S	13138	192.39	1.4644	13274	13002
Y_3600	360.073	{ 9 Cts/S	109620	126.58	0.11547	109710	109530
Y_3710	371.030	{ 9 Cts/S	7265.3	156.37	2.1523	7154.7	7375.9

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:55:26
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0072	0.0001	1.166	0.0071	0.0072
Al3082	308.215	{1 In2306	Cts/S	0.9847	0.0262	2.662	1.003	0.9662
As1890	189.042	{4 Y_2243	Cts/S	0.0078	0	0.4939	0.0079	0.0078
B_2496	249.678	{1 Y_3710	Cts/S	0.0025	0	1.728	0.0025	0.0026
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.4479	0.0031	0.6829	0.4501	0.4457
Be3130	313.042	{1 Y_3710	Cts/S	0.1653	0.0005	0.2763	0.1656	0.1649
Ca3158	315.887	{1 In2306	Cts/S	2.818	0.0471	1.67	2.851	2.785
Ca3181	318.128	{1 In2306	Cts/S	0.613	0.0165	2.695	0.6013	0.6246
Cd2288	228.802	{4 Y_2243	Cts/S	0.0545	0.0002	0.359	0.0546	0.0543
Co2286	228.616	{4 In2306	Cts/S	0.0882	0.0004	0.4559	0.0884	0.0879
Cr2677	267.716	{1 Y_3600	Cts/S	0.0105	0.0002	1.578	0.0104	0.0106
Cu3247	324.754	{1 Y_3600	Cts/S	0.024	0.0001	0.2559	0.024	0.0241
Fe2404	240.488	{1 In2306	Cts/S	1.686	0.0496	2.939	1.721	1.651
K_7664	766.490	{ 4 Y_3710	Cts/S	0.1278	0.003	2.357	0.1299	0.1257
K_7698	769.896	{ 4 Y_3710	Cts/S	0.0799	0.0005	0.6189	0.0803	0.0796
Li6707	670.784	{ 5 Y_3710	Cts/S	0.4862	0.0096	1.975	0.493	0.4795
Mg2790	279.079	{1 Y_3710	Cts/S	0.0042	0.0001	3.097	0.0043	0.0041
Mn2576	257.610	{1 Y_3600	Cts/S	0.0766	0.0012	1.565	0.0757	0.0774
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0178	0.0003	1.728	0.0176	0.018
Mo2020	202.030	{4 Y_2243	Cts/S	0.0422	0.0002	0.5922	0.0423	0.042
Na5895	589.592	{ 5 Y_3710	Cts/S	0.392	0.0083	2.124	0.3978	0.3861
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0051	0.0046	91.66	0.0018	0.0083
Ni2316	231.604	{4 In2306	Cts/S	0.0524	0.0004	0.703	0.0527	0.0522
P_1782	178.284	{4 In2306	Cts/S	0.0069	0.0001	1.16	0.0069	0.0068
Pb2203	220.353	{4 In2306	Cts/S	0.0164	0.0001	0.8838	0.0165	0.0163
S_1820	182.034	{4 Y_2243	Cts/S	-0.0003	0	4.155	-0.0003	-0.0003
Sb2068	206.833	{4 Y_2243	Cts/S	0.0062	0.0001	1.446	0.0063	0.0061
Se1960	196.090	{4 Y_2243	Cts/S	0.0051	0	0.3695	0.0051	0.005
Si2516	251.611	{1 Y_3710	Cts/S	0.0009	0.0002	27.05	0.0007	0.001
Sn1899	189.989	{4 In2306	Cts/S	0.0236	0.0003	1.346	0.0239	0.0234
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.2774	0.0015	0.5413	0.2784	0.2763
Ti3349	334.904	{1 Y_3600	Cts/S	0.018	0.0002	1.253	0.0178	0.0181
Tl1908	190.856	{4 In2306	Cts/S	0.0081	0	0.0195	0.0081	0.0081
V_2924	292.402	{1 Y_3600	Cts/S	0.0143	0.0001	0.4255	0.0143	0.0144
Zn2062	206.200	{4 In2306	Cts/S	0.1129	0.0007	0.5796	0.1134	0.1124

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.906	1.7813	3.4317	50.646	53.165
In2306	230.606	{4 Cts/S	10403	9.2555	0.08897	10397	10410
Y_2243	224.306	{4 Cts/S	13155	6.9347	0.05271	13151	13160
Y_3600	360.073	{ 9 Cts/S	111730	764.89	0.6846	112270	111190
Y_3710	371.030	{ 9 Cts/S	7408.9	20.046	0.27056	7394.7	7423.1

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:58:00
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0146	0.0001	0.5678	0.0146	0.0147
Al3082	308.215	{1 In2306	Cts/S	1.806	0.0631	3.496	1.851	1.762
As1890	189.042	{4 Y_2243	Cts/S	0.016	0.0003	1.763	0.0158	0.0162
B_2496	249.678	{1 Y_3710	Cts/S	0.0051	0.0003	6.727	0.0054	0.0049
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.9313	0.0437	4.697	0.9622	0.9004
Be3130	313.042	{1 Y_3710	Cts/S	0.3496	0.0163	4.676	0.3611	0.338
Ca3158	315.887	{1 In2306	Cts/S	5.744	0.2431	4.233	5.916	5.572
Ca3181	318.128	{1 In2306	Cts/S	1.225	0.0608	4.967	1.268	1.182
Cd2288	228.802	{4 Y_2243	Cts/S	0.1085	0.0013	1.199	0.1076	0.1094
Co2286	228.616	{4 In2306	Cts/S	0.1779	0.0027	1.515	0.1759	0.1798
Cr2677	267.716	{1 Y_3600	Cts/S	0.021	0.0001	0.5228	0.0211	0.021
Cu3247	324.754	{1 Y_3600	Cts/S	0.0474	0.0003	0.6964	0.0471	0.0476
Fe2404	240.488	{1 In2306	Cts/S	3.409	0.1279	3.752	3.499	3.319
K_7664	766.490	{ 4 Y_3710	Cts/S	0.2691	0.0086	3.195	0.2751	0.263
K_7698	769.896	{ 4 Y_3710	Cts/S	0.1382	0.0036	2.628	0.1407	0.1356
Li6707	670.784	{ 5 Y_3710	Cts/S	1.02	0.0406	3.983	1.049	0.9916
Mg2790	279.079	{1 Y_3710	Cts/S	0.0089	0.0007	8.04	0.0094	0.0084
Mn2576	257.610	{1 Y_3600	Cts/S	0.1532	0.0001	0.0444	0.1531	0.1532
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0383	0.0019	4.962	0.0397	0.037
Mo2020	202.030	{4 Y_2243	Cts/S	0.0851	0.0008	0.9264	0.0846	0.0857
Na5895	589.592	{ 5 Y_3710	Cts/S	0.8144	0.0283	3.475	0.8345	0.7944
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0268	0.0018	6.763	0.0281	0.0255
Ni2316	231.604	{4 In2306	Cts/S	0.1057	0.0014	1.346	0.1047	0.1067
P_1782	178.284	{4 In2306	Cts/S	0.0138	0.0002	1.56	0.0137	0.014
Pb2203	220.353	{4 In2306	Cts/S	0.0334	0.0004	1.311	0.0331	0.0337
S_1820	182.034	{4 Y_2243	Cts/S	-0.0004	0	3.349	-0.0004	-0.0004
Sb2068	206.833	{4 Y_2243	Cts/S	0.0129	0.0001	0.7371	0.0128	0.013
Se1960	196.090	{4 Y_2243	Cts/S	0.0104	0.0001	0.7149	0.0103	0.0104
Si2516	251.611	{1 Y_3710	Cts/S	0.0026	0.0001	3.628	0.0027	0.0026
Sn1899	189.989	{4 In2306	Cts/S	0.0481	0.0006	1.151	0.0477	0.0485
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.584	0.0272	4.661	0.6033	0.5648
Ti3349	334.904	{1 Y_3600	Cts/S	0.0364	0	0.1278	0.0363	0.0364
Tl1908	190.856	{4 In2306	Cts/S	0.0165	0.0002	1.05	0.0164	0.0166
V_2924	292.402	{1 Y_3600	Cts/S	0.0293	0.0002	0.5521	0.0292	0.0294
Zn2062	206.200	{4 In2306	Cts/S	0.2265	0.0032	1.423	0.2242	0.2288

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.526	1.7233	3.2808	51.308	53.745
In2306	230.606	{4 Cts/S	10265	115.98	1.1298	10347	10183
Y_2243	224.306	{4 Cts/S	13085	126.72	0.96844	13175	12995
Y_3600	360.073	{ 9 Cts/S	110990	425.01	0.38291	111300	110690
Y_3710	371.030	{ 9 Cts/S	7130.3	271.46	3.8072	6938.4	7322.3

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=CalibStd-3
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:00:32
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0288	0.0007	2.564	0.0293	0.0282
Al3082	308.215	{1 In2306	Cts/S	3.349	0.0807	2.409	3.291	3.406
As1890	189.042	{4 Y_2243	Cts/S	0.032	0.0003	0.8055	0.0322	0.0319
B_2496	249.678	{1 Y_3710	Cts/S	0.0099	0.0001	0.6803	0.0099	0.0098
Ba4554	455.403	{ 7 Y_3710	Cts/S	1.797	0.0043	0.2378	1.8	1.794
Be3130	313.042	{1 Y_3710	Cts/S	0.6736	0.0017	0.2567	0.6724	0.6748
Ca3158	315.887	{1 In2306	Cts/S	11.13	0.3047	2.738	10.91	11.34
Ca3181	318.128	{1 In2306	Cts/S	2.37	0.081	3.419	2.312	2.427
Cd2288	228.802	{4 Y_2243	Cts/S	0.2169	0.0023	1.038	0.2185	0.2153
Co2286	228.616	{4 In2306	Cts/S	0.3574	0.0026	0.7285	0.3593	0.3556
Cr2677	267.716	{1 Y_3600	Cts/S	0.0422	0.0005	1.187	0.0425	0.0418
Cu3247	324.754	{1 Y_3600	Cts/S	0.0914	0.0025	2.682	0.0931	0.0896
Fe2404	240.488	{1 In2306	Cts/S	6.506	0.2066	3.175	6.36	6.652
K_7664	766.490	{ 4 Y_3710	Cts/S	0.5359	0.0008	0.1408	0.5354	0.5365
K_7698	769.896	{ 4 Y_3710	Cts/S	0.2459	0.001	0.4004	0.2453	0.2466
Li6707	670.784	{ 5 Y_3710	Cts/S	2.057	0.0078	0.3788	2.052	2.063
Mg2790	279.079	{1 Y_3710	Cts/S	0.0172	0	0.1356	0.0173	0.0172
Mn2576	257.610	{1 Y_3600	Cts/S	0.3001	0.0074	2.476	0.3054	0.2949
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.073	0.0013	1.814	0.0739	0.072
Mo2020	202.030	{4 Y_2243	Cts/S	0.1697	0.0024	1.391	0.1714	0.1681
Na5895	589.592	{ 5 Y_3710	Cts/S	1.612	0.004	0.247	1.609	1.615
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0655	0.0007	1.027	0.066	0.0651
Ni2316	231.604	{4 In2306	Cts/S	0.2122	0.0018	0.8268	0.2134	0.2109
P_1782	178.284	{4 In2306	Cts/S	0.0281	0.0002	0.8349	0.0282	0.0279
Pb2203	220.353	{4 In2306	Cts/S	0.0668	0.0004	0.6234	0.0671	0.0666
S_1820	182.034	{4 Y_2243	Cts/S	-0.0004	0	6.441	-0.0004	-0.0004
Sb2068	206.833	{4 Y_2243	Cts/S	0.026	0.0004	1.42	0.0262	0.0257
Se1960	196.090	{4 Y_2243	Cts/S	0.0208	0.0003	1.312	0.021	0.0206
Si2516	251.611	{1 Y_3710	Cts/S	0.0048	0.0002	5.062	0.0046	0.005
Sn1899	189.989	{4 In2306	Cts/S	0.0967	0.0007	0.6834	0.0971	0.0962
Sr4215	421.552	{ 8 Y_3710	Cts/S	1.133	0.0037	0.3272	1.136	1.131
Ti3349	334.904	{1 Y_3600	Cts/S	0.0718	0.0015	2.114	0.0729	0.0707
Tl1908	190.856	{4 In2306	Cts/S	0.0333	0.0004	1.249	0.0336	0.033
V_2924	292.402	{1 Y_3600	Cts/S	0.0578	0.0017	2.869	0.059	0.0566
Zn2062	206.200	{4 In2306	Cts/S	0.4576	0.0033	0.7163	0.4599	0.4553

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	53.509	1.7311	3.2352	54.733	52.285
In2306	230.606	{4 Cts/S	10121	65.46	0.64677	10075	10167
Y_2243	224.306	{4 Cts/S	13100	103.49	0.79002	13027	13173
Y_3600	360.073	{ 9 Cts/S	111090	1945.8	1.7515	109710	112470
Y_3710	371.030	{ 9 Cts/S	7290.7	6.5936	0.09044	7295.3	7286

[Sample Header]
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SampleName=CalibStd-4
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:03:00
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0594	0.0005	0.7964	0.0597	0.059
Al3082	308.215	{1 In2306	Cts/S	6.742	0.2529	3.751	6.563	6.921
As1890	189.042	{4 Y_2243	Cts/S	0.0646	0.0003	0.3974	0.0644	0.0647
B_2496	249.678	{1 Y_3710	Cts/S	0.0201	0.0001	0.2912	0.0201	0.0201
Ba4554	455.403	{ 7 Y_3710	Cts/S	3.721	0.0356	0.9575	3.696	3.746
Be3130	313.042	{1 Y_3710	Cts/S	1.388	0.003	0.2182	1.385	1.39
Ca3158	315.887	{1 In2306	Cts/S	23.31	1.174	5.034	22.48	24.14
Ca3181	318.128	{1 In2306	Cts/S	4.897	0.1533	3.129	4.789	5.006
Cd2288	228.802	{4 Y_2243	Cts/S	0.4305	0.0009	0.2185	0.4298	0.4312
Co2286	228.616	{4 In2306	Cts/S	0.7165	0.0005	0.0658	0.7169	0.7162
Cr2677	267.716	{1 Y_3600	Cts/S	0.0858	0.001	1.21	0.0865	0.0851
Cu3247	324.754	{1 Y_3600	Cts/S	0.1875	0.0006	0.2968	0.1879	0.1871
Fe2404	240.488	{1 In2306	Cts/S	13.55	0.5321	3.928	13.17	13.92
K_7664	766.490	{ 4 Y_3710	Cts/S	1.117	0.0147	1.316	1.107	1.128
K_7698	769.896	{ 4 Y_3710	Cts/S	0.4726	0.0003	0.0613	0.4728	0.4724
Li6707	670.784	{ 5 Y_3710	Cts/S	4.293	0.051	1.188	4.257	4.329
Mg2790	279.079	{1 Y_3710	Cts/S	0.0358	0.0001	0.24	0.0358	0.0357
Mn2576	257.610	{1 Y_3600	Cts/S	0.6142	0.0052	0.845	0.6179	0.6105
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.1504	0.0007	0.4487	0.1499	0.1509
Mo2020	202.030	{4 Y_2243	Cts/S	0.3348	0.0001	0.0173	0.3349	0.3348
Na5895	589.592	{ 5 Y_3710	Cts/S	3.333	0.0438	1.314	3.302	3.364
Na8183	818.326	{ 4 Y_3710	Cts/S	0.1525	0.0007	0.4598	0.152	0.153
Ni2316	231.604	{4 In2306	Cts/S	0.424	0.0005	0.1137	0.4236	0.4243
P_1782	178.284	{4 In2306	Cts/S	0.0571	0.0001	0.2535	0.057	0.0572
Pb2203	220.353	{4 In2306	Cts/S	0.1341	0	0.0269	0.1341	0.1342
S_1820	182.034	{4 Y_2243	Cts/S	-0.0004	0.0001	15.13	-0.0003	-0.0004
Sb2068	206.833	{4 Y_2243	Cts/S	0.0521	0.0001	0.1705	0.0521	0.052
Se1960	196.090	{4 Y_2243	Cts/S	0.0418	0	0.0272	0.0418	0.0418
Si2516	251.611	{1 Y_3710	Cts/S	0.0103	0.0003	2.651	0.0101	0.0105
Sn1899	189.989	{4 In2306	Cts/S	0.1942	0.0005	0.2519	0.1946	0.1939
Sr4215	421.552	{ 8 Y_3710	Cts/S	2.34	0.017	0.725	2.328	2.352
Ti3349	334.904	{1 Y_3600	Cts/S	0.1476	0.0011	0.739	0.1483	0.1468
Tl1908	190.856	{4 In2306	Cts/S	0.0666	0.0003	0.3878	0.0668	0.0664
V_2924	292.402	{1 Y_3600	Cts/S	0.1196	0.0003	0.2822	0.1199	0.1194
Zn2062	206.200	{4 In2306	Cts/S	0.9212	0.0008	0.0857	0.9206	0.9218

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.989	1.7547	3.3751	53.229	50.748
In2306	230.606	{4 Cts/S	9947.5	3.3145	0.03332	9949.9	9945.2
Y_2243	224.306	{4 Cts/S	13095	19.712	0.15054	13108	13081
Y_3600	360.073	{ 9 Cts/S	107650	333.74	0.31002	107410	107890
Y_3710	371.030	{ 9 Cts/S	7128.3	23.818	0.33413	7145.1	7111.4

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:05:26
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.1148	0.0012	1.037	0.1157	0.114
Al3082	308.215	{1 In2306	Cts/S	13.75	0.49	3.564	14.1	13.4
As1890	189.042	{4 Y_2243	Cts/S	0.1325	0.0001	0.0574	0.1325	0.1326
B_2496	249.678	{1 Y_3710	Cts/S	0.04	0.0002	0.5729	0.0402	0.0399
Ba4554	455.403	{ 7 Y_3710	Cts/S	7.419	0.1384	1.866	7.517	7.321
Be3130	313.042	{1 Y_3710	Cts/S	2.782	0.0639	2.295	2.827	2.737
Ca3158	315.887	{1 In2306	Cts/S	47.77	1.823	3.816	49.06	46.49
Ca3181	318.128	{1 In2306	Cts/S	10.17	0.37	3.636	10.44	9.913
Cd2288	228.802	{4 Y_2243	Cts/S	0.8758	0.0013	0.1461	0.8749	0.8767
Co2286	228.616	{4 In2306	Cts/S	1.462	0.0015	0.0994	1.463	1.461
Cr2677	267.716	{1 Y_3600	Cts/S	0.1658	0.0025	1.51	0.1675	0.164
Cu3247	324.754	{1 Y_3600	Cts/S	0.3606	0.0038	1.058	0.3633	0.3579
Fe2404	240.488	{1 In2306	Cts/S	27.74	1.029	3.709	28.47	27.01
K_7664	766.490	{ 4 Y_3710	Cts/S	2.199	0.0522	2.372	2.236	2.162
K_7698	769.896	{ 4 Y_3710	Cts/S	0.9142	0.0228	2.494	0.9304	0.8981
Li6707	670.784	{ 5 Y_3710	Cts/S	8.418	0.2093	2.487	8.566	8.27
Mg2790	279.079	{1 Y_3710	Cts/S	0.0724	0.0017	2.32	0.0736	0.0712
Mn2576	257.610	{1 Y_3600	Cts/S	1.172	0.0142	1.209	1.182	1.162
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.3031	0.0058	1.916	0.3072	0.299
Mo2020	202.030	{4 Y_2243	Cts/S	0.6761	0.002	0.2964	0.6775	0.6747
Na5895	589.592	{ 5 Y_3710	Cts/S	6.555	0.1589	2.423	6.668	6.443
Na8183	818.326	{ 4 Y_3710	Cts/S	0.3079	0.0071	2.295	0.3129	0.3029
Ni2316	231.604	{4 In2306	Cts/S	0.8641	0.0013	0.1552	0.865	0.8631
P_1782	178.284	{4 In2306	Cts/S	0.1189	0.0001	0.0918	0.119	0.1188
Pb2203	220.353	{4 In2306	Cts/S	0.2727	0.0001	0.0427	0.2728	0.2726
Sb2068	206.833	{4 Y_2243	Cts/S	0.107	0.0002	0.2196	0.1072	0.1069
Se1960	196.090	{4 Y_2243	Cts/S	0.0857	0.0001	0.0911	0.0856	0.0857
Si2516	251.611	{1 Y_3710	Cts/S	0.0213	0	0.0897	0.0213	0.0214
Sn1899	189.989	{4 In2306	Cts/S	0.3962	0.0004	0.0945	0.3959	0.3964
Sr4215	421.552	{ 8 Y_3710	Cts/S	4.654	0.0865	1.858	4.715	4.593
Ti3349	334.904	{1 Y_3600	Cts/S	0.2868	0.0049	1.707	0.2902	0.2833
Tl1908	190.856	{4 In2306	Cts/S	0.1349	0.0008	0.6084	0.1355	0.1343
V_2924	292.402	{1 Y_3600	Cts/S	0.2304	0.0025	1.065	0.2321	0.2286
Zn2062	206.200	{4 In2306	Cts/S	1.885	0.0004	0.0232	1.885	1.884

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.335	1.7421	3.461	49.104	51.567
In2306	230.606	{4 Cts/S	9439	3.1325	0.03319	9441.2	9436.8
Y_2243	224.306	{4 Cts/S	12673	19.772	0.15601	12687	12659
Y_3600	360.073	{ 9 Cts/S	107970	1021.3	0.94585	107250	108690
Y_3710	371.030	{ 9 Cts/S	7067.8	132.27	1.8715	6974.3	7161.3

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:08:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2443	0.0014	0.5595	0.2453	0.2434
Al3082	308.215	{1 In2306	ppm	2.425	0.0146	0.6033	2.435	2.414
As1890	189.042	{4 Y_2243	ppm	0.4824	0.0039	0.8076	0.4796	0.4851
B_2496	249.678	{1 Y_3710	ppm	0.4784	0.0121	2.535	0.487	0.4698
Ba4554	455.403	{ 7 Y_3710	ppm	0.4723	0.0001	0.0226	0.4724	0.4722
Be3130	313.042	{1 Y_3710	ppm	0.4812	0.0024	0.5086	0.4829	0.4794
Ca3158	315.887	{1 In2306	ppm	12.15	0.0765	0.6299	12.2	12.09
Ca3181	318.128	{1 In2306	ppm	12.14	0.0555	0.4571	12.18	12.1
Cd2288	228.802	{4 Y_2243	ppm	0.4821	0.0043	0.8877	0.4791	0.4852
Co2286	228.616	{4 In2306	ppm	0.4868	0.0062	1.276	0.4824	0.4912
Cr2677	267.716	{1 Y_3600	ppm	0.4868	0.0025	0.5062	0.4885	0.485
Cu3247	324.754	{1 Y_3600	ppm	0.4903	0.0036	0.7309	0.4928	0.4877
Fe2404	240.488	{1 In2306	ppm	2.442	0.0154	0.632	2.453	2.431
K_7664	766.490	{ 4 Y_3710	ppm	11.94	0.0115	0.0959	11.93	11.95
K_7698	769.896	{ 4 Y_3710	ppm	11.88	0.0113	0.0954	11.89	11.87
Li6707	670.784	{ 5 Y_3710	ppm	0.4689	0.0003	0.069	0.4687	0.4691
Mg2790	279.079	{1 Y_3710	ppm	4.752	0.0605	1.273	4.709	4.795
Mn2576	257.610	{1 Y_3600	ppm	0.4881	0	0.0058	0.4881	0.4881
Mn2576-2	257.610	{1 Y_3710	ppm	0.4694	0.0004	0.0876	0.4697	0.4691
Mo2020	202.030	{4 Y_2243	ppm	0.4956	0.0037	0.7489	0.493	0.4982
Na5895	589.592	{ 5 Y_3710	ppm	11.91	0.0221	0.1854	11.9	11.93
Na8183	818.326	{ 4 Y_3710	ppm	11.74	0.0151	0.1282	11.73	11.75
Ni2316	231.604	{4 In2306	ppm	0.4826	0.005	1.044	0.4791	0.4862
P_1782	178.284	{4 In2306	ppm	-0.0008	0.0014	175.6	-0.0017	0.0002
Pb2203	220.353	{4 In2306	ppm	0.4828	0.0071	1.48	0.4778	0.4879
S_1820	182.034	{4 Y_2243	ppm	-278.3	1.761	0.6329	-277	-279.5
Sb2068	206.833	{4 Y_2243	ppm	0.4858	0.0056	1.149	0.4819	0.4898
Se1960	196.090	{4 Y_2243	ppm	0.494	0.0043	0.8749	0.4909	0.497
Si2516	251.611	{1 Y_3710	ppm	0.8481	0.0116	1.365	0.84	0.8563
Sn1899	189.989	{4 In2306	ppm	0.49	0.0053	1.079	0.4862	0.4937
Sr4215	421.552	{ 8 Y_3710	ppm	0.2403	0.0003	0.1445	0.2405	0.24
Ti3349	334.904	{1 Y_3600	ppm	0.4997	0.0017	0.3327	0.4986	0.5009
Tl1908	190.856	{4 In2306	ppm	0.4967	0.0063	1.261	0.4923	0.5012
V_2924	292.402	{1 Y_3600	ppm	0.4954	0.0007	0.1382	0.4959	0.4949
Zn2062	206.200	{4 In2306	ppm	0.4834	0.0067	1.384	0.4787	0.4881

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.814	0.36193	0.69851	51.558	52.07
In2306	230.606	{4 Cts/S	9938.6	66.762	0.67174	9985.8	9891.4
Y_2243	224.306	{4 Cts/S	12959	62.762	0.48432	13003	12915
Y_3600	360.073	{ 9 Cts/S	108750	201.32	0.18513	108610	108890
Y_3710	371.030	{ 9 Cts/S	7279.4	4.2535	0.05843	7282.4	7276.4

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:10:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.005	0	0.4277	0.005	0.0051
Al3082	308.215	{1 In2306	ppm	0.1079	0.0411	38.06	0.1369	0.0789
As1890	189.042	{4 Y_2243	ppm	0.0087	0	0.131	0.0087	0.0088
B_2496	249.678	{1 Y_3710	ppm	0.0122	0.0009	7.591	0.0128	0.0115
Ba4554	455.403	{ 7 Y_3710	ppm	0.009	0.0001	1.321	0.0089	0.0091
Be3130	313.042	{1 Y_3710	ppm	0.0049	0.0001	1.232	0.0049	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0789	0.0072	9.08	0.0738	0.0839
Ca3181	318.128	{1 In2306	ppm	0.1521	0.0078	5.146	0.1465	0.1576
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0006	12.23	0.0048	0.0057
Co2286	228.616	{4 In2306	ppm	0.0098	0.0007	7.123	0.0093	0.0103
Cr2677	267.716	{1 Y_3600	ppm	0.0097	0	0.231	0.0097	0.0097
Cu3247	324.754	{1 Y_3600	ppm	0.0094	0.0004	4.618	0.0091	0.0097
Fe2404	240.488	{1 In2306	ppm	0.0832	0.0068	8.136	0.088	0.0785
K_7664	766.490	{ 4 Y_3710	ppm	0.5699	0.002	0.3475	0.5685	0.5713
K_7698	769.896	{ 4 Y_3710	ppm	0.6258	0.0791	12.64	0.5698	0.6817
Li6707	670.784	{ 5 Y_3710	ppm	0.0092	0.0001	1.584	0.0091	0.0093
Mg2790	279.079	{1 Y_3710	ppm	0.016	0.0299	186.4	-0.0051	0.0371
Mn2576	257.610	{1 Y_3600	ppm	0.0101	0	0.3168	0.0101	0.0101
Mn2576-2	257.610	{1 Y_3710	ppm	0.0094	0.0008	8.417	0.01	0.0088
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0012	10.05	0.0106	0.0123
Na5895	589.592	{ 5 Y_3710	ppm	0.5692	0.0024	0.4291	0.5675	0.571
Na8183	818.326	{ 4 Y_3710	ppm	0.5181	0.051	9.842	0.5541	0.482
Ni2316	231.604	{4 In2306	ppm	0.01	0.0011	10.52	0.0093	0.0108
P_1782	178.284	{4 In2306	ppm	0.009	0.0003	3.844	0.0088	0.0093
Pb2203	220.353	{4 In2306	ppm	0.0108	0.0009	8.738	0.0101	0.0114
S_1820	182.034	{4 Y_2243	ppm	0.0308	0.4677	1518	0.3615	-0.2999
Sb2068	206.833	{4 Y_2243	ppm	0.0164	0.0013	7.808	0.0173	0.0155
Se1960	196.090	{4 Y_2243	ppm	0.0097	0.0017	17.69	0.0084	0.0109
Si2516	251.611	{1 Y_3710	ppm	0.0157	0.0065	41.77	0.0203	0.011
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0011	10.4	0.01	0.0116
Sr4215	421.552	{ 8 Y_3710	ppm	0.0046	0.0001	1.602	0.0046	0.0045
Ti3349	334.904	{1 Y_3600	ppm	0.0107	0	0.359	0.0107	0.0106
Tl1908	190.856	{4 In2306	ppm	0.0099	0.001	10.13	0.0092	0.0106
V_2924	292.402	{1 Y_3600	ppm	0.0095	0.0004	4.231	0.0092	0.0098
Zn2062	206.200	{4 In2306	ppm	0.0097	0.0007	7.624	0.0092	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.123	0.83339	1.5989	52.713	51.534
In2306	230.606	{4 Cts/S	10543	72.686	0.68942	10595	10492
Y_2243	224.306	{4 Cts/S	13191	77.349	0.58639	13245	13136
Y_3600	360.073	{ 9 Cts/S	110830	756.58	0.68267	111360	110290
Y_3710	371.030	{ 9 Cts/S	7225.6	107.77	1.4915	7301.8	7149.4

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0	5.799	0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	0.0335	0.0294	87.92	0.0127	0.0543
As1890	189.042	{4 Y_2243	ppm	-0.0017	0.0004	25.64	-0.0014	-0.002
B_2496	249.678	{1 Y_3710	ppm	-0.0026	0.0036	138.5	-0.0052	-0.0001
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0.0004	85.78	-0.0002	-0.0007
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	136	0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.0124	0.0111	90.08	-0.0202	-0.0045
Ca3181	318.128	{1 In2306	ppm	0.0169	0.0211	124.6	0.002	0.0319
Cd2288	228.802	{4 Y_2243	ppm	0	0	256.8	0	0
Co2286	228.616	{4 In2306	ppm	0	0	41.23	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	53.48	-0.0004	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	-0.0001	0.0001	150.2	-0.0001	0
Fe2404	240.488	{1 In2306	ppm	-0.0096	0.002	21.19	-0.011	-0.0081
K_7664	766.490	{ 4 Y_3710	ppm	0.0304	0.0091	30.04	0.024	0.0369
K_7698	769.896	{ 4 Y_3710	ppm	0.0834	0.017	20.32	0.0715	0.0954
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0001	104	-0.0002	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0365	0.0053	14.61	-0.0328	-0.0403
Mn2576	257.610	{1 Y_3600	ppm	0	0	393.5	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0003	0.0004	131.4	-0.0006	0
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0002	55.68	0.0002	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	-0.0024	0.0006	23.34	-0.0028	-0.002
Na8183	818.326	{ 4 Y_3710	ppm	0.0551	0.1869	339.1	-0.077	0.1872
Ni2316	231.604	{4 In2306	ppm	0	0.0001	135.6	0	0.0001
P_1782	178.284	{4 In2306	ppm	-0.0003	0.0003	94.5	-0.0001	-0.0006
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0006	78.7	0.0012	0.0003
S_1820	182.034	{4 Y_2243	ppm	0.0067	0.2432	3647	0.1787	-0.1653
Sb2068	206.833	{4 Y_2243	ppm	0.0026	0.0001	2.889	0.0025	0.0026
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0.0017	628.5	-0.0015	0.0009
Si2516	251.611	{1 Y_3710	ppm	0.0171	0.0061	35.37	0.0129	0.0214
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0001	47.2	0.0003	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0	30.18	-0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0004	0.0002	44.01	0.0003	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0003	0.0004	135.5	0.0005	0
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0003	70.51	-0.0007	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0	19.28	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.622	5.8246	11.506	54.741	46.504
In2306	230.606	{4 Cts/S	10513	85.338	0.81172	10453	10574
Y_2243	224.306	{4 Cts/S	13125	94.288	0.71838	13058	13192
Y_3600	360.073	{ 9 Cts/S	110590	516.67	0.46718	110230	110960
Y_3710	371.030	{ 9 Cts/S	7295.1	190.88	2.6166	7430.1	7160.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0005	651.4	0.0004	-0.0003
Al3082	308.215	{1 In2306	ppm	513.9	21.25	4.134	529	498.9
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0002	119	0	-0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.0048	0.0014	28.82	-0.0038	-0.0058
Ba4554	455.403	{ 7 Y_3710	ppm	0.0008	0.0001	12.98	0.0008	0.0007
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0002	119.3	0.0003	0
Ca3158	315.887	{1 In2306	ppm	492	25.68	5.219	510.2	473.9
Ca3181	318.128	{1 In2306	ppm	496.4	25.48	5.133	514.4	478.4
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0001	151.6	-0.0002	0
Co2286	228.616	{4 In2306	ppm	0.0004	0.0001	19.42	0.0005	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0015	0	1.288	0.0015	0.0014
Cu3247	324.754	{1 Y_3600	ppm	0.0032	0.0001	3.106	0.0032	0.0033
Fe2404	240.488	{1 In2306	ppm	193.1	9.63	4.988	199.9	186.3
K_7664	766.490	{ 4 Y_3710	ppm	0.0158	0.0185	116.9	0.0027	0.0289
K_7698	769.896	{ 4 Y_3710	ppm	-0.0057	0.0032	55.14	-0.0035	-0.008
Li6707	670.784	{ 5 Y_3710	ppm	0.0089	0.0004	4.751	0.0092	0.0086
Mg2790	279.079	{1 Y_3710	ppm	569.3	0.9843	0.1729	568.6	570
Mn2576	257.610	{1 Y_3600	ppm	-0.0052	0.0001	1.696	-0.0052	-0.0053
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0105	0.0038	36.02	-0.0078	-0.0132
Mo2020	202.030	{4 Y_2243	ppm	-0.0003	0.0003	101.5	-0.0006	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.016	0.0039	24.47	0.0132	0.0188
Na8183	818.326	{ 4 Y_3710	ppm	0.517	0.1069	20.68	0.5926	0.4414
Ni2316	231.604	{4 In2306	ppm	0.0047	0.0005	10.7	0.0051	0.0044
P_1782	178.284	{4 In2306	ppm	0.0045	0.0007	15.01	0.005	0.004
Pb2203	220.353	{4 In2306	ppm	-0.009	0.003	33.73	-0.0112	-0.0069
S_1820	182.034	{4 Y_2243	ppm	36.69	1.173	3.197	37.52	35.86
Sb2068	206.833	{4 Y_2243	ppm	-0.0067	0.0004	6	-0.0064	-0.007
Se1960	196.090	{4 Y_2243	ppm	0.0019	0.0038	196.7	0.0046	-0.0008
Si2516	251.611	{1 Y_3710	ppm	-0.0005	0.0024	524.1	-0.0022	0.0013
Sn1899	189.989	{4 In2306	ppm	0.0021	0.0002	7.679	0.0022	0.0019
Sr4215	421.552	{ 8 Y_3710	ppm	0.0021	0.0001	3.648	0.002	0.0021
Ti3349	334.904	{1 Y_3600	ppm	0.0017	0.0002	11.12	0.0018	0.0016
Tl1908	190.856	{4 In2306	ppm	-0.0005	0.0007	149.7	0	-0.0009
V_2924	292.402	{1 Y_3600	ppm	-0.0068	0.0006	8.365	-0.0072	-0.0064
Zn2062	206.200	{4 In2306	ppm	0.0041	0.0001	2.401	0.0041	0.0042

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.06	2.0403	4.2452	46.617	49.503
In2306	230.606	{4 Cts/S	7640.7	20.957	0.27428	7655.6	7625.9
Y_2243	224.306	{4 Cts/S	11401	41.201	0.36139	11430	11371
Y_3600	360.073	{ 9 Cts/S	94491	205.98	0.21799	94636	94345
Y_3710	371.030	{ 9 Cts/S	6286.9	54.833	0.87219	6325.6	6248.1

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5493	0.0397	7.236	0.5774	0.5212
Al3082	308.215	{1 In2306	ppm	545	35.65	6.54	519.8	570.2
As1890	189.042	{4 Y_2243	ppm	0.9642	0.0178	1.841	0.9768	0.9517
B_2496	249.678	{1 Y_3710	ppm	1.087	0.037	3.404	1.061	1.113
Ba4554	455.403	{ 7 Y_3710	ppm	1.119	0.0374	3.341	1.092	1.145
Be3130	313.042	{1 Y_3710	ppm	0.5267	0.0172	3.259	0.5146	0.5389
Ca3158	315.887	{1 In2306	ppm	527	38.32	7.271	499.9	554.1
Ca3181	318.128	{1 In2306	ppm	529.8	39.38	7.434	501.9	557.6
Cd2288	228.802	{4 Y_2243	ppm	0.4941	0.009	1.821	0.5005	0.4878
Co2286	228.616	{4 In2306	ppm	0.9571	0.0185	1.936	0.9702	0.944
Cr2677	267.716	{1 Y_3600	ppm	0.9229	0.0679	7.358	0.9709	0.8748
Cu3247	324.754	{1 Y_3600	ppm	1.05	0.0799	7.609	1.107	0.9937
Fe2404	240.488	{1 In2306	ppm	212.3	15.26	7.191	201.5	223.1
K_7664	766.490	{ 4 Y_3710	ppm	11.57	0.3361	2.905	11.33	11.8
K_7698	769.896	{ 4 Y_3710	ppm	11.56	0.3041	2.629	11.35	11.78
Li6707	670.784	{ 5 Y_3710	ppm	1.116	0.0304	2.722	1.094	1.137
Mg2790	279.079	{1 Y_3710	ppm	599	24.13	4.028	582	616.1
Mn2576	257.610	{1 Y_3600	ppm	0.9201	0.0687	7.465	0.9686	0.8715
Mn2576-2	257.610	{1 Y_3710	ppm	1.055	0.0375	3.554	1.029	1.082
Mo2020	202.030	{4 Y_2243	ppm	0.8896	0.0158	1.775	0.9008	0.8784
Na5895	589.592	{ 5 Y_3710	ppm	11.26	0.3153	2.799	11.04	11.49
Na8183	818.326	{ 4 Y_3710	ppm	11.59	0.2367	2.042	11.42	11.76
Ni2316	231.604	{4 In2306	ppm	0.9533	0.0175	1.838	0.9657	0.9409
P_1782	178.284	{4 In2306	ppm	1.081	0.0208	1.924	1.096	1.067
Pb2203	220.353	{4 In2306	ppm	0.9114	0.0196	2.146	0.9252	0.8976
S_1820	182.034	{4 Y_2243	ppm	37.13	1.185	3.19	37.97	36.29
Sb2068	206.833	{4 Y_2243	ppm	0.9305	0.0191	2.047	0.944	0.9171
Se1960	196.090	{4 Y_2243	ppm	0.9678	0.0191	1.974	0.9813	0.9542
Si2516	251.611	{1 Y_3710	ppm	0.9793	0.0492	5.019	0.9446	1.014
Sn1899	189.989	{4 In2306	ppm	0.9602	0.0205	2.14	0.9747	0.9457
Sr4215	421.552	{ 8 Y_3710	ppm	0.5516	0.0181	3.289	0.5388	0.5644
Ti3349	334.904	{1 Y_3600	ppm	0.957	0.069	7.212	1.006	0.9082
Tl1908	190.856	{4 In2306	ppm	0.8979	0.0159	1.776	0.9092	0.8866
V_2924	292.402	{1 Y_3600	ppm	0.9356	0.068	7.269	0.9837	0.8875
Zn2062	206.200	{4 In2306	ppm	0.9712	0.0177	1.823	0.9838	0.9587

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	45.865	2.9683	6.4718	47.964	43.766
In2306	230.606	{4 Cts/S	7674.8	108.24	1.4103	7598.3	7751.4
Y_2243	224.306	{4 Cts/S	11534	151.04	1.3096	11427	11641
Y_3600	360.073	{ 9 Cts/S	93259	5615.8	6.0217	89288	97230
Y_3710	371.030	{ 9 Cts/S	6093	188.81	3.0988	6226.5	5959.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2427	0.0023	0.9363	0.2411	0.2443
Al3082	308.215	{1 In2306	ppm	2.428	0.0089	0.367	2.435	2.422
As1890	189.042	{4 Y_2243	ppm	0.4889	0.0127	2.596	0.4978	0.4799
B_2496	249.678	{1 Y_3710	ppm	0.4664	0.0203	4.36	0.452	0.4808
Ba4554	455.403	{ 7 Y_3710	ppm	0.4767	0.002	0.4277	0.4782	0.4753
Be3130	313.042	{1 Y_3710	ppm	0.4897	0.0015	0.316	0.4886	0.4908
Ca3158	315.887	{1 In2306	ppm	11.95	0.1947	1.63	11.81	12.08
Ca3181	318.128	{1 In2306	ppm	11.84	0.2095	1.769	11.69	11.99
Cd2288	228.802	{4 Y_2243	ppm	0.4863	0.0122	2.506	0.4949	0.4777
Co2286	228.616	{4 In2306	ppm	0.4931	0.0113	2.289	0.501	0.4851
Cr2677	267.716	{1 Y_3600	ppm	0.4909	0.0031	0.6411	0.4886	0.4931
Cu3247	324.754	{1 Y_3600	ppm	0.4822	0.002	0.4203	0.4808	0.4837
Fe2404	240.488	{1 In2306	ppm	2.385	0.0733	3.072	2.333	2.437
K_7664	766.490	{ 4 Y_3710	ppm	12.05	0.3064	2.542	12.27	11.84
K_7698	769.896	{ 4 Y_3710	ppm	12.06	0.2109	1.75	12.2	11.91
Li6707	670.784	{ 5 Y_3710	ppm	0.4711	0.0179	3.806	0.4837	0.4584
Mg2790	279.079	{1 Y_3710	ppm	4.965	0.0178	0.3581	4.952	4.978
Mn2576	257.610	{1 Y_3600	ppm	0.4853	0.0049	1.004	0.4819	0.4888
Mn2576-2	257.610	{1 Y_3710	ppm	0.477	0.0075	1.576	0.4717	0.4824
Mo2020	202.030	{4 Y_2243	ppm	0.501	0.0138	2.762	0.5108	0.4912
Na5895	589.592	{ 5 Y_3710	ppm	12	0.3651	3.043	12.26	11.74
Na8183	818.326	{ 4 Y_3710	ppm	12.24	0.2256	1.843	12.4	12.08
Ni2316	231.604	{4 In2306	ppm	0.4915	0.0093	1.893	0.4981	0.4849
P_1782	178.284	{4 In2306	ppm	0.0006	0.001	171.3	-0.0001	0.0012
Pb2203	220.353	{4 In2306	ppm	0.492	0.0099	2.003	0.499	0.4851
S_1820	182.034	{4 Y_2243	ppm	-283.8	7.497	2.642	-289.1	-278.5
Sb2068	206.833	{4 Y_2243	ppm	0.5064	0.0132	2.607	0.5157	0.497
Se1960	196.090	{4 Y_2243	ppm	0.4989	0.0122	2.436	0.5075	0.4903
Si2516	251.611	{1 Y_3710	ppm	0.846	0.0449	5.307	0.8142	0.8777
Sn1899	189.989	{4 In2306	ppm	0.4982	0.0099	1.99	0.5052	0.4912
Sr4215	421.552	{ 8 Y_3710	ppm	0.2419	0.0007	0.2856	0.2424	0.2414
Ti3349	334.904	{1 Y_3600	ppm	0.4992	0.0025	0.5102	0.4974	0.501
Tl1908	190.856	{4 In2306	ppm	0.5055	0.0094	1.86	0.5122	0.4989
V_2924	292.402	{1 Y_3600	ppm	0.4895	0.0014	0.2939	0.4885	0.4905
Zn2062	206.200	{4 In2306	ppm	0.4894	0.0108	2.204	0.497	0.4818

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.425	0.07806	0.14889	52.481	52.37
In2306	230.606	{4 Cts/S	9790.4	153.26	1.5654	9682.1	9898.8
Y_2243	224.306	{4 Cts/S	12833	217.09	1.6917	12679	12986
Y_3600	360.073	{ 9 Cts/S	108790	574.2	0.52779	109200	108390
Y_3710	371.030	{ 9 Cts/S	7084.4	13.642	0.19257	7094	7074.7

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0001	1.945	0.0049	0.0048
Al3082	308.215	{1 In2306	ppm	0.0657	0.0177	26.94	0.0532	0.0782
As1890	189.042	{4 Y_2243	ppm	0.0082	0.0006	7.891	0.0077	0.0086
B_2496	249.678	{1 Y_3710	ppm	0.0087	0.0024	27.47	0.007	0.0104
Ba4554	455.403	{ 7 Y_3710	ppm	0.0094	0.0002	2.239	0.0096	0.0093
Be3130	313.042	{1 Y_3710	ppm	0.0048	0.0002	4.413	0.005	0.0047
Ca3158	315.887	{1 In2306	ppm	0.0999	0.0118	11.83	0.0915	0.1082
Ca3181	318.128	{1 In2306	ppm	0.0939	0.0245	26.07	0.1113	0.0766
Cd2288	228.802	{4 Y_2243	ppm	0.0052	0.0004	8.247	0.0049	0.0056
Co2286	228.616	{4 In2306	ppm	0.0097	0.0004	3.901	0.0094	0.01
Cr2677	267.716	{1 Y_3600	ppm	0.0093	0.0001	1.18	0.0092	0.0093
Cu3247	324.754	{1 Y_3600	ppm	0.0098	0.0003	3.244	0.01	0.0096
Fe2404	240.488	{1 In2306	ppm	0.0883	0.0161	18.28	0.0997	0.0769
K_7664	766.490	{ 4 Y_3710	ppm	0.5967	0.0244	4.093	0.5794	0.614
K_7698	769.896	{ 4 Y_3710	ppm	0.6795	0.0377	5.555	0.6528	0.7062
Li6707	670.784	{ 5 Y_3710	ppm	0.0096	0.0003	3.516	0.0093	0.0098
Mg2790	279.079	{1 Y_3710	ppm	0.0287	0.0389	135.6	0.0561	0.0012
Mn2576	257.610	{1 Y_3600	ppm	0.0099	0.0003	2.601	0.0101	0.0097
Mn2576-2	257.610	{1 Y_3710	ppm	0.0145	0.0076	52.57	0.0199	0.0091
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0009	8.208	0.0107	0.0121
Na5895	589.592	{ 5 Y_3710	ppm	0.5855	0.015	2.559	0.5749	0.5961
Na8183	818.326	{ 4 Y_3710	ppm	0.5998	0.0882	14.71	0.5374	0.6622
Ni2316	231.604	{4 In2306	ppm	0.0097	0.0002	2.075	0.0096	0.0099
P_1782	178.284	{4 In2306	ppm	0.0087	0.0011	12.53	0.0095	0.008
Pb2203	220.353	{4 In2306	ppm	0.0108	0.0003	3.068	0.0106	0.011
S_1820	182.034	{4 Y_2243	ppm	-0.5236	0.2064	39.41	-0.6696	-0.3777
Sb2068	206.833	{4 Y_2243	ppm	0.0216	0.0014	6.256	0.0226	0.0207
Se1960	196.090	{4 Y_2243	ppm	0.01	0.0003	2.875	0.0102	0.0098
Si2516	251.611	{1 Y_3710	ppm	0.0276	0.0044	15.94	0.0307	0.0245
Sn1899	189.989	{4 In2306	ppm	0.0105	0.0007	6.819	0.01	0.011
Sr4215	421.552	{ 8 Y_3710	ppm	0.0045	0	0.5749	0.0045	0.0045
Ti3349	334.904	{1 Y_3600	ppm	0.0107	0.0006	6.086	0.0111	0.0102
Tl1908	190.856	{4 In2306	ppm	0.0099	0.0009	8.922	0.0093	0.0105
V_2924	292.402	{1 Y_3600	ppm	0.0092	0.0001	0.872	0.0092	0.0091
Zn2062	206.200	{4 In2306	ppm	0.0098	0.0003	2.823	0.0096	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.424	1.9808	3.7783	53.825	51.024
In2306	230.606	{4 Cts/S	10440	134.59	1.2891	10345	10535
Y_2243	224.306	{4 Cts/S	13092	178.94	1.3668	12965	13218
Y_3600	360.073	{ 9 Cts/S	112210	2760.3	2.4599	110260	114160
Y_3710	371.030	{ 9 Cts/S	7124.3	27.109	0.38051	7143.5	7105.2

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Custom ID2=
Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0003	246.5	0.0001	-0.0004
Al3082	308.215	{1 In2306	ppm	0.0261	0.013	49.8	0.0169	0.0353
As1890	189.042	{4 Y_2243	ppm	-0.0007	0.0008	121.8	-0.0001	-0.0013
B_2496	249.678	{1 Y_3710	ppm	-0.0012	0.0016	138.6	-0.0023	0
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0001	545	0	0.0001
Be3130	313.042	{1 Y_3710	ppm	0	0	48.26	0	0
Ca3158	315.887	{1 In2306	ppm	-0.003	0.017	570.5	0.009	-0.015
Ca3181	318.128	{1 In2306	ppm	0.0557	0.0306	55.04	0.0773	0.034
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	59.21	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0	0.0001	291.9	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	13.37	-0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	-0.0002	0.0001	36.42	-0.0002	-0.0003
Fe2404	240.488	{1 In2306	ppm	0.0027	0.0107	399.8	-0.0049	0.0103
K_7664	766.490	{ 4 Y_3710	ppm	0.0029	0.0017	59.79	0.0017	0.0041
K_7698	769.896	{ 4 Y_3710	ppm	0.1125	0.012	10.68	0.104	0.121
Li6707	670.784	{ 5 Y_3710	ppm	-0.0004	0.0001	30.21	-0.0003	-0.0005
Mg2790	279.079	{1 Y_3710	ppm	-0.0653	0.0604	92.62	-0.108	-0.0225
Mn2576	257.610	{1 Y_3600	ppm	0	0	9.265	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0002	0.0001	67.71	-0.0003	-0.0001
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	49.73	0.0003	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.006	0.0047	77.51	0.0093	0.0027
Na8183	818.326	{ 4 Y_3710	ppm	-0.0583	0.0178	30.6	-0.0709	-0.0457
Ni2316	231.604	{4 In2306	ppm	-0.0002	0.0001	91.86	-0.0003	-0.0001
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0008	121	-0.0001	-0.0012
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0006	97.85	0.0002	0.0011
S_1820	182.034	{4 Y_2243	ppm	-0.1893	0.1376	72.66	-0.0921	-0.2866
Sb2068	206.833	{4 Y_2243	ppm	0.0028	0.0006	19.96	0.0024	0.0032
Se1960	196.090	{4 Y_2243	ppm	-0.0012	0.0013	111.1	-0.0021	-0.0003
Si2516	251.611	{1 Y_3710	ppm	0.0151	0.0119	78.93	0.0067	0.0235
Sn1899	189.989	{4 In2306	ppm	0	0.0001	178.3	0	-0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0	25.26	-0.0001	-0.0001
Ti3349	334.904	{1 Y_3600	ppm	0	0.0001	1521	0.0001	-0.0001
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0003	124.3	0	0.0004
V_2924	292.402	{1 Y_3600	ppm	-0.0005	0	4.934	-0.0005	-0.0005
Zn2062	206.200	{4 In2306	ppm	0.0001	0	35.22	0.0002	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.808	1.8348	3.4744	54.106	51.511
In2306	230.606	{4 Cts/S	10505	27.711	0.26379	10485	10525
Y_2243	224.306	{4 Cts/S	13155	46.567	0.354	13122	13187
Y_3600	360.073	{ 9 Cts/S	111070	712.28	0.64127	111580	110570
Y_3710	371.030	{ 9 Cts/S	7143.6	27.549	0.38564	7163.1	7124.2

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0.0001	21.85	-0.0002	-0.0003
Al3082	308.215	{1 In2306	ppm	0.0019	0.0276	1426	-0.0176	0.0214
As1890	189.042	{4 Y_2243	ppm	-0.0019	0.0007	37.15	-0.0014	-0.0024
B_2496	249.678	{1 Y_3710	ppm	-0.0043	0.0017	39.96	-0.0031	-0.0055
Ba4554	455.403	{ 7 Y_3710	ppm	0.0002	0	23.39	0.0002	0.0002
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	60.69	0.0002	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0123	0.013	105.3	-0.0215	-0.0031
Ca3181	318.128	{1 In2306	ppm	0.0179	0.041	228.8	-0.0111	0.047
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	592.5	0.0001	0
Co2286	228.616	{4 In2306	ppm	0.0002	0	0.7186	0.0002	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0006	0.0003	41.6	-0.0008	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0005	0	4.417	0.0005	0.0005
Fe2404	240.488	{1 In2306	ppm	0.0121	0.013	107.2	0.0214	0.0029
K_7664	766.490	{ 4 Y_3710	ppm	0.002	0.0089	439.1	-0.0043	0.0083
K_7698	769.896	{ 4 Y_3710	ppm	0.0385	0.0027	6.887	0.0404	0.0366
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	61.36	0.0001	0.0002
Mg2790	279.079	{1 Y_3710	ppm	0.0002	0.0273	12110	0.0196	-0.0191
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0.0001	92	0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0006	0.0008	138	-0.0011	0
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0	16.6	0.0001	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0036	0.0023	63.99	0.0052	0.002
Na8183	818.326	{ 4 Y_3710	ppm	-0.0651	0.0136	20.89	-0.0747	-0.0555
Ni2316	231.604	{4 In2306	ppm	-0.0003	0	13.16	-0.0003	-0.0002
P_1782	178.284	{4 In2306	ppm	0.0003	0.0006	217.5	-0.0002	0.0008
Pb2203	220.353	{4 In2306	ppm	0.0002	0.0007	461.7	-0.0003	0.0006
S_1820	182.034	{4 Y_2243	ppm	-1.025	0.2521	24.6	-1.203	-0.8467
Sb2068	206.833	{4 Y_2243	ppm	0.0009	0.0002	25.5	0.0011	0.0007
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0.0014	489.1	0.0007	-0.0013
Si2516	251.611	{1 Y_3710	ppm	0.0093	0.0183	196.4	-0.0036	0.0222
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0003	353.8	-0.0001	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	35.12	-0.0003	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0006	0.0005	74.71	0.0009	0.0003
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0007	178.5	-0.0009	0.0001
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0002	49.16	-0.0005	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0019	0	0.6479	0.0019	0.0019

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.898	0.40534	0.82894	48.612	49.185
In2306	230.606	{4 Cts/S	10402	70.272	0.67555	10353	10452
Y_2243	224.306	{4 Cts/S	13035	90.519	0.69442	12971	13099
Y_3600	360.073	{ 9 Cts/S	111560	2898.3	2.598	109510	113610
Y_3710	371.030	{ 9 Cts/S	7068.5	144.12	2.039	7170.4	6966.6

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5	0.0192	3.85	0.4864	0.5136
Al3082	308.215	{1 In2306	ppm	9.538	0.0337	0.3538	9.514	9.562
As1890	189.042	{4 Y_2243	ppm	0.9692	0.042	4.335	0.9395	0.9989
B_2496	249.678	{1 Y_3710	ppm	0.959	0.0034	0.3532	0.9567	0.9614
Ba4554	455.403	{ 7 Y_3710	ppm	0.9758	0.0003	0.0337	0.9756	0.9761
Be3130	313.042	{1 Y_3710	ppm	0.4908	0.0057	1.164	0.4949	0.4868
Ca3158	315.887	{1 In2306	ppm	9.411	0.0067	0.0713	9.407	9.416
Ca3181	318.128	{1 In2306	ppm	9.471	0.0651	0.6878	9.517	9.425
Cd2288	228.802	{4 Y_2243	ppm	0.4819	0.0197	4.093	0.4679	0.4958
Co2286	228.616	{4 In2306	ppm	0.9707	0.0407	4.193	0.9419	0.9995
Cr2677	267.716	{1 Y_3600	ppm	0.9755	0.0393	4.032	0.9477	1.003
Cu3247	324.754	{1 Y_3600	ppm	0.9939	0.0366	3.687	0.968	1.02
Fe2404	240.488	{1 In2306	ppm	9.486	0.0066	0.0693	9.491	9.481
K_7664	766.490	{ 4 Y_3710	ppm	10.37	0.0238	0.2299	10.35	10.38
K_7698	769.896	{ 4 Y_3710	ppm	10.1	0.1072	1.062	10.17	10.02
Li6707	670.784	{ 5 Y_3710	ppm	0.5132	0.0043	0.8349	0.5102	0.5162
Mg2790	279.079	{1 Y_3710	ppm	9.618	0.1262	1.312	9.707	9.529
Mn2576	257.610	{1 Y_3600	ppm	0.9733	0.041	4.21	0.9443	1.002
Mn2576-2	257.610	{1 Y_3710	ppm	0.9567	0.0121	1.266	0.9653	0.9481
Mo2020	202.030	{4 Y_2243	ppm	0.9799	0.0392	4.002	0.9522	1.008
Na5895	589.592	{ 5 Y_3710	ppm	10.26	0.0268	0.2609	10.24	10.28
Na8183	818.326	{ 4 Y_3710	ppm	9.857	0.084	0.8527	9.917	9.798
Ni2316	231.604	{4 In2306	ppm	0.9692	0.0402	4.143	0.9408	0.9976
P_1782	178.284	{4 In2306	ppm	0.0001	0.0002	254.8	-0.0001	0.0002
Pb2203	220.353	{4 In2306	ppm	0.9699	0.0434	4.477	0.9392	1.001
S_1820	182.034	{4 Y_2243	ppm	-2.069	0.1034	4.999	-1.996	-2.142
Sb2068	206.833	{4 Y_2243	ppm	0.9486	0.0361	3.806	0.9231	0.9741
Se1960	196.090	{4 Y_2243	ppm	0.9915	0.0466	4.697	0.9585	1.024
Si2516	251.611	{1 Y_3710	ppm	0.8383	0.0064	0.7684	0.8338	0.8429
Sn1899	189.989	{4 In2306	ppm	0.98	0.044	4.486	0.9489	1.011
Sr4215	421.552	{ 8 Y_3710	ppm	0.492	0.002	0.406	0.4934	0.4906
Ti3349	334.904	{1 Y_3600	ppm	0.9821	0.0385	3.92	0.9549	1.009
Tl1908	190.856	{4 In2306	ppm	0.9989	0.0396	3.961	0.971	1.027
V_2924	292.402	{1 Y_3600	ppm	0.9773	0.0385	3.944	0.9501	1.005
Zn2062	206.200	{4 In2306	ppm	0.9536	0.04	4.199	0.9253	0.9819

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.366	0.15344	0.29872	51.474	51.257
In2306	230.606	{4 Cts/S	9771.7	318.31	3.2575	9996.8	9546.6
Y_2243	224.306	{4 Cts/S	12847	405.67	3.1578	13134	12560
Y_3600	360.073	{ 9 Cts/S	108350	3527.1	3.2552	110850	105860
Y_3710	371.030	{ 9 Cts/S	6980.9	41.458	0.59388	6951.6	7010.2

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0002	50.79	0.0005	0.0002
Al3082	308.215	{1 In2306	ppm	-0.0075	0.0539	722.1	-0.0456	0.0307
As1890	189.042	{4 Y_2243	ppm	0.0017	0.0017	102.1	0.0005	0.0029
B_2496	249.678	{1 Y_3710	ppm	0.0019	0.0028	150.6	-0.0001	0.0039
Ba4554	455.403	{ 7 Y_3710	ppm	0.0084	0.0001	1.653	0.0085	0.0083
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	229.8	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.2181	0.0224	10.26	0.2023	0.2339
Ca3181	318.128	{1 In2306	ppm	0.249	0.1051	42.2	0.1747	0.3233
Cd2288	228.802	{4 Y_2243	ppm	0.0011	0.0013	119.7	0.0002	0.002
Co2286	228.616	{4 In2306	ppm	0.0025	0.0029	116.2	0.0005	0.0046
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0002	43.66	-0.0005	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.002	0.0002	11.92	0.0021	0.0018
Fe2404	240.488	{1 In2306	ppm	0.0173	0.0057	32.72	0.0133	0.0213
K_7664	766.490	{ 4 Y_3710	ppm	0.0716	0.0247	34.52	0.089	0.0541
K_7698	769.896	{ 4 Y_3710	ppm	0.1056	0.0373	35.31	0.0793	0.132
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0001	127.6	-0.0001	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0115	0.0176	152.5	-0.024	0.0009
Mn2576	257.610	{1 Y_3600	ppm	0.0003	0	11.93	0.0003	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0.0004	0.0011	294	0.0011	-0.0004
Mo2020	202.030	{4 Y_2243	ppm	0.0045	0.0037	81.71	0.0019	0.0071
Na5895	589.592	{ 5 Y_3710	ppm	140.1	7.311	5.217	145.3	135
Na8183	818.326	{ 4 Y_3710	ppm	139.6	1.699	1.217	140.8	138.4
Ni2316	231.604	{4 In2306	ppm	0.0018	0.0028	157.7	-0.0002	0.0037
P_1782	178.284	{4 In2306	ppm	0.0012	0.0003	23.82	0.001	0.0014
Pb2203	220.353	{4 In2306	ppm	0.002	0.0029	141.5	0	0.0041
S_1820	182.034	{4 Y_2243	ppm	-3.094	0.5153	16.66	-3.458	-2.729
Sb2068	206.833	{4 Y_2243	ppm	0.0159	0.0026	16.06	0.0141	0.0177
Se1960	196.090	{4 Y_2243	ppm	0.0017	0.0017	95.31	0.0006	0.0029
Si2516	251.611	{1 Y_3710	ppm	0.0259	0.0003	0.9937	0.0261	0.0257
Sn1899	189.989	{4 In2306	ppm	0.004	0.0029	73.25	0.0019	0.0061
Sr4215	421.552	{ 8 Y_3710	ppm	0.0002	0.0002	89.04	0.0001	0.0004
Ti3349	334.904	{1 Y_3600	ppm	0.0018	0	2.422	0.0018	0.0018
Tl1908	190.856	{4 In2306	ppm	0.0031	0.004	128.7	0.0003	0.006
V_2924	292.402	{1 Y_3600	ppm	-0.0002	0.0003	204.3	-0.0004	0.0001
Zn2062	206.200	{4 In2306	ppm	0.0073	0.0028	37.79	0.0054	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.39	0.92605	1.875	50.045	48.735
In2306	230.606	{4 Cts/S	9302.4	15.879	0.1707	9313.6	9291.1
Y_2243	224.306	{4 Cts/S	12405	36.489	0.29415	12431	12379
Y_3600	360.073	{ 9 Cts/S	103330	169.48	0.16401	103450	103210
Y_3710	371.030	{ 9 Cts/S	7025.6	51.795	0.73723	6989	7062.2

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0002	459.7	-0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.0174	0.0303	173.8	0.0389	-0.004
As1890	189.042	{4 Y_2243	ppm	0.0007	0.0011	150.5	0.0015	0
B_2496	249.678	{1 Y_3710	ppm	0.0082	0.0024	29.09	0.0098	0.0065
Ba4554	455.403	{ 7 Y_3710	ppm	0.1014	0.0004	0.4009	0.1011	0.1017
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	123.7	0	0.0002
Ca3158	315.887	{1 In2306	ppm	37.35	1.271	3.403	36.45	38.25
Ca3181	318.128	{1 In2306	ppm	36.99	1.533	4.144	35.91	38.08
Cd2288	228.802	{4 Y_2243	ppm	0.0038	0.0002	6.222	0.0036	0.0039
Co2286	228.616	{4 In2306	ppm	0.0004	0.0001	25.59	0.0004	0.0005
Cr2677	267.716	{1 Y_3600	ppm	0	0.0001	105.8	0	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0071	0.0003	4.849	0.0073	0.0068
Fe2404	240.488	{1 In2306	ppm	0.0044	0.0057	127.9	0.0004	0.0085
K_7664	766.490	{ 4 Y_3710	ppm	0.162	0.0287	17.7	0.1823	0.1417
K_7698	769.896	{ 4 Y_3710	ppm	0.1535	0.0172	11.23	0.1656	0.1413
Li6707	670.784	{ 5 Y_3710	ppm	0.001	0.0005	51.97	0.0014	0.0006
Mg2790	279.079	{1 Y_3710	ppm	0.9775	0.036	3.679	0.9521	1.003
Mn2576	257.610	{1 Y_3600	ppm	0.109	0.0069	6.306	0.1139	0.1042
Mn2576-2	257.610	{1 Y_3710	ppm	0.1001	0.0034	3.397	0.0977	0.1025
Mo2020	202.030	{4 Y_2243	ppm	0.0005	0.0002	41.43	0.0003	0.0006
Na5895	589.592	{ 5 Y_3710	ppm	130.3	0.2801	0.215	130.1	130.4
Na8183	818.326	{ 4 Y_3710	ppm	134.8	0.2051	0.1521	134.7	134.9
Ni2316	231.604	{4 In2306	ppm	0.003	0.0004	14.12	0.0027	0.0033
P_1782	178.284	{4 In2306	ppm	0.0045	0.0002	5.028	0.0047	0.0044
Pb2203	220.353	{4 In2306	ppm	0.0247	0.0002	0.8542	0.0246	0.0249
S_1820	182.034	{4 Y_2243	ppm	-45.08	0.044	0.0975	-45.05	-45.11
Sb2068	206.833	{4 Y_2243	ppm	0.004	0.0004	11.04	0.0037	0.0043
Se1960	196.090	{4 Y_2243	ppm	-0.0004	0.0003	73.02	-0.0006	-0.0002
Si2516	251.611	{1 Y_3710	ppm	0.307	0.0247	8.035	0.3244	0.2896
Sn1899	189.989	{4 In2306	ppm	0.0004	0.0004	102.1	0.0001	0.0006
Sr4215	421.552	{ 8 Y_3710	ppm	0.1261	0.0006	0.4495	0.1257	0.1265
Ti3349	334.904	{1 Y_3600	ppm	0.0014	0.0001	5.004	0.0013	0.0014
Tl1908	190.856	{4 In2306	ppm	0.0004	0.0008	217.7	-0.0002	0.0009
V_2924	292.402	{1 Y_3600	ppm	-0.0008	0	1.699	-0.0007	-0.0008
Zn2062	206.200	{4 In2306	ppm	0.2944	0.0033	1.131	0.292	0.2967

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.483	1.5349	3.0404	51.569	49.398
In2306	230.606	{4 Cts/S	9022	62.392	0.69155	9066.1	8977.8
Y_2243	224.306	{4 Cts/S	12159	43.101	0.35449	12189	12128
Y_3600	360.073	{ 9 Cts/S	101500	4718.1	4.6483	98165	104840
Y_3710	371.030	{ 9 Cts/S	7175.6	49.814	0.69422	7210.9	7140.4

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5122	0.0002	0.0442	0.5123	0.512
Al3082	308.215	{1 In2306	ppm	10.17	0.3854	3.789	9.899	10.44
As1890	189.042	{4 Y_2243	ppm	1.001	0.019	1.896	1.014	0.9871
B_2496	249.678	{1 Y_3710	ppm	1.03	0.0134	1.303	1.021	1.04
Ba4554	455.403	{ 7 Y_3710	ppm	1.121	0.0224	2.002	1.105	1.137
Be3130	313.042	{1 Y_3710	ppm	0.5037	0.0121	2.403	0.4951	0.5122
Ca3158	315.887	{1 In2306	ppm	49.46	0.5841	1.181	49.05	49.87
Ca3181	318.128	{1 In2306	ppm	48.91	0.4881	0.9978	48.57	49.26
Cd2288	228.802	{4 Y_2243	ppm	0.4919	0.0097	1.967	0.4988	0.4851
Co2286	228.616	{4 In2306	ppm	0.9801	0.0213	2.17	0.9952	0.9651
Cr2677	267.716	{1 Y_3600	ppm	0.9658	0.0028	0.2927	0.9678	0.9638
Cu3247	324.754	{1 Y_3600	ppm	0.9957	0.001	0.0993	0.995	0.9964
Fe2404	240.488	{1 In2306	ppm	9.907	0.0827	0.835	9.849	9.966
K_7664	766.490	{ 4 Y_3710	ppm	11.13	0.3614	3.246	10.88	11.39
K_7698	769.896	{ 4 Y_3710	ppm	10.87	0.2883	2.653	10.66	11.07
Li6707	670.784	{ 5 Y_3710	ppm	0.5428	0.0155	2.852	0.5318	0.5537
Mg2790	279.079	{1 Y_3710	ppm	10.82	0.2178	2.013	10.67	10.98
Mn2576	257.610	{1 Y_3600	ppm	1.058	0.001	0.0901	1.059	1.058
Mn2576-2	257.610	{1 Y_3710	ppm	1.087	0.0184	1.695	1.073	1.1
Mo2020	202.030	{4 Y_2243	ppm	0.988	0.0235	2.374	1.005	0.9714
Na5895	589.592	{ 5 Y_3710	ppm	152	0.0103	0.0068	152	152
Na8183	818.326	{ 4 Y_3710	ppm	156.3	3.605	2.306	153.8	158.9
Ni2316	231.604	{4 In2306	ppm	0.9845	0.0213	2.165	0.9996	0.9694
P_1782	178.284	{4 In2306	ppm	0.0052	0.0015	28.26	0.0062	0.0042
Pb2203	220.353	{4 In2306	ppm	0.9926	0.0234	2.362	1.009	0.976
S_1820	182.034	{4 Y_2243	ppm	-45.94	0.4749	1.034	-46.27	-45.6
Sb2068	206.833	{4 Y_2243	ppm	0.9771	0.0204	2.089	0.9915	0.9626
Se1960	196.090	{4 Y_2243	ppm	1.03	0.0174	1.689	1.042	1.018
Si2516	251.611	{1 Y_3710	ppm	1.27	0.0251	1.978	1.252	1.287
Sn1899	189.989	{4 In2306	ppm	1.008	0.023	2.283	1.025	0.9922
Sr4215	421.552	{ 8 Y_3710	ppm	0.6467	0.0141	2.186	0.6367	0.6567
Ti3349	334.904	{1 Y_3600	ppm	1.002	0.0051	0.5121	1.006	0.9986
Tl1908	190.856	{4 In2306	ppm	0.9729	0.0272	2.791	0.9922	0.9537
V_2924	292.402	{1 Y_3600	ppm	0.9664	0.0001	0.0116	0.9663	0.9664
Zn2062	206.200	{4 In2306	ppm	1.277	0.0268	2.096	1.296	1.258

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.051	0.62612	1.2765	49.494	48.608
In2306	230.606	{4 Cts/S	8972.4	93.311	1.04	8906.4	9038.4
Y_2243	224.306	{4 Cts/S	12307	104.52	0.84924	12233	12381
Y_3600	360.073	{ 9 Cts/S	103590	148.27	0.14314	103480	103690
Y_3710	371.030	{ 9 Cts/S	6802.3	139.44	2.0498	6900.9	6703.7

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5067	0.0123	2.42	0.498	0.5154
Al3082	308.215	{1 In2306	ppm	10.35	0.4011	3.876	10.07	10.63
As1890	189.042	{4 Y_2243	ppm	0.9966	0.0318	3.194	1.019	0.9741
B_2496	249.678	{1 Y_3710	ppm	1.012	0.0091	0.8954	1.006	1.019
Ba4554	455.403	{ 7 Y_3710	ppm	1.124	0.0043	0.3848	1.121	1.127
Be3130	313.042	{1 Y_3710	ppm	0.501	0.0056	1.116	0.497	0.5049
Ca3158	315.887	{1 In2306	ppm	49.99	2.065	4.13	48.53	51.45
Ca3181	318.128	{1 In2306	ppm	49.4	2.406	4.872	47.69	51.1
Cd2288	228.802	{4 Y_2243	ppm	0.4902	0.019	3.881	0.5037	0.4768
Co2286	228.616	{4 In2306	ppm	0.9816	0.0358	3.648	1.007	0.9563
Cr2677	267.716	{1 Y_3600	ppm	0.951	0.0287	3.019	0.9307	0.9714
Cu3247	324.754	{1 Y_3600	ppm	0.987	0.0246	2.49	0.9696	1.004
Fe2404	240.488	{1 In2306	ppm	10.08	0.3938	3.908	9.8	10.36
K_7664	766.490	{ 4 Y_3710	ppm	11.24	0.0709	0.6309	11.29	11.19
K_7698	769.896	{ 4 Y_3710	ppm	10.92	0.0125	0.1147	10.91	10.93
Li6707	670.784	{ 5 Y_3710	ppm	0.5501	0.0078	1.419	0.5556	0.5446
Mg2790	279.079	{1 Y_3710	ppm	10.63	0.1099	1.034	10.55	10.71
Mn2576	257.610	{1 Y_3600	ppm	1.048	0.0297	2.837	1.027	1.069
Mn2576-2	257.610	{1 Y_3710	ppm	1.077	0.0188	1.745	1.064	1.09
Mo2020	202.030	{4 Y_2243	ppm	0.9876	0.038	3.846	1.014	0.9607
Na5895	589.592	{ 5 Y_3710	ppm	150.3	0.9922	0.6599	149.6	151
Na8183	818.326	{ 4 Y_3710	ppm	155.6	0.2599	0.1671	155.4	155.8
Ni2316	231.604	{4 In2306	ppm	0.9897	0.0348	3.517	1.014	0.9651
P_1782	178.284	{4 In2306	ppm	0.0044	0.0002	3.851	0.0043	0.0045
Pb2203	220.353	{4 In2306	ppm	0.9946	0.0358	3.604	1.02	0.9692
S_1820	182.034	{4 Y_2243	ppm	-44.64	0.9506	2.129	-45.32	-43.97
Sb2068	206.833	{4 Y_2243	ppm	0.9813	0.0421	4.285	1.011	0.9516
Se1960	196.090	{4 Y_2243	ppm	1.031	0.038	3.687	1.058	1.004
Si2516	251.611	{1 Y_3710	ppm	1.256	0.0558	4.441	1.217	1.295
Sn1899	189.989	{4 In2306	ppm	1.009	0.0343	3.396	1.033	0.9846
Sr4215	421.552	{ 8 Y_3710	ppm	0.6474	0.0033	0.5033	0.6451	0.6497
Ti3349	334.904	{1 Y_3600	ppm	0.9808	0.0139	1.417	0.971	0.9906
Tl1908	190.856	{4 In2306	ppm	0.983	0.0349	3.547	1.008	0.9583
V_2924	292.402	{1 Y_3600	ppm	0.9564	0.0253	2.644	0.9385	0.9742
Zn2062	206.200	{4 In2306	ppm	1.274	0.0444	3.485	1.306	1.243

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.11	1.7492	3.6358	49.347	46.873
In2306	230.606	{4 Cts/S	8996.3	262.74	2.9205	8810.5	9182.1
Y_2243	224.306	{4 Cts/S	12380	390.07	3.1507	12104	12656
Y_3600	360.073	{ 9 Cts/S	104420	2432.8	2.3299	106140	102700
Y_3710	371.030	{ 9 Cts/S	6813.5	53.119	0.77961	6851.1	6775.9

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0	2.419	-0.0002	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0958	0.0113	11.78	0.1038	0.0878
As1890	189.042	{4 Y_2243	ppm	0.0034	0.0069	204.9	-0.0015	0.0083
B_2496	249.678	{1 Y_3710	ppm	0.0235	0.0041	17.64	0.0264	0.0205
Ba4554	455.403	{ 7 Y_3710	ppm	0.0495	0.0007	1.458	0.049	0.05
Be3130	313.042	{1 Y_3710	ppm	0	0	10.05	0	0
Ca3158	315.887	{1 In2306	ppm	20.01	0.6346	3.171	20.46	19.56
Ca3181	318.128	{1 In2306	ppm	19.83	0.537	2.708	20.21	19.45
Cd2288	228.802	{4 Y_2243	ppm	0.0027	0.0032	117.8	0.0004	0.0049
Co2286	228.616	{4 In2306	ppm	0.0057	0.0067	118.2	0.0009	0.0104
Cr2677	267.716	{1 Y_3600	ppm	0.0002	0.0002	85.09	0.0003	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0013	0.0002	16.37	0.0014	0.0011
Fe2404	240.488	{1 In2306	ppm	0.0396	0.0089	22.42	0.0334	0.0459
K_7664	766.490	{ 4 Y_3710	ppm	0.1128	0.0104	9.254	0.1055	0.1202
K_7698	769.896	{ 4 Y_3710	ppm	0.1703	0.0035	2.078	0.1678	0.1728
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0007	152.6	0	0.0009
Mg2790	279.079	{1 Y_3710	ppm	2.777	0.0591	2.128	2.735	2.819
Mn2576	257.610	{1 Y_3600	ppm	0.0291	0.0012	4.136	0.0299	0.0282
Mn2576-2	257.610	{1 Y_3710	ppm	0.0272	0.0013	4.799	0.0262	0.0281
Mo2020	202.030	{4 Y_2243	ppm	0.0089	0.0084	95.36	0.0029	0.0148
Na5895	589.592	{ 5 Y_3710	ppm	126.5	2.263	1.79	124.9	128.1
Na8183	818.326	{ 4 Y_3710	ppm	130.4	1.48	1.135	129.4	131.5
Ni2316	231.604	{4 In2306	ppm	0.0059	0.0069	116.8	0.001	0.0108
P_1782	178.284	{4 In2306	ppm	0.0005	0.0006	105.5	0.0009	0.0001
Pb2203	220.353	{4 In2306	ppm	0.0058	0.0058	98.9	0.0018	0.0099
S_1820	182.034	{4 Y_2243	ppm	-177	0.3715	0.2099	-177.2	-176.7
Sb2068	206.833	{4 Y_2243	ppm	0.0208	0.0054	25.78	0.017	0.0246
Se1960	196.090	{4 Y_2243	ppm	0.0051	0.0041	80.84	0.0022	0.008
Si2516	251.611	{1 Y_3710	ppm	0.2588	0.0304	11.73	0.2374	0.2803
Sn1899	189.989	{4 In2306	ppm	0.0081	0.0079	97.53	0.0025	0.0137
Sr4215	421.552	{ 8 Y_3710	ppm	0.0618	0.0009	1.382	0.0612	0.0624
Ti3349	334.904	{1 Y_3600	ppm	0.0055	0.0006	10.96	0.0059	0.0051
Tl1908	190.856	{4 In2306	ppm	0.0067	0.0059	87.81	0.0025	0.0108
V_2924	292.402	{1 Y_3600	ppm	0	0.0002	488.1	0.0001	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0136	0.0084	61.97	0.0077	0.0196

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.036	1.9701	3.8602	49.643	52.429
In2306	230.606	{4 Cts/S	9171	50.24	0.54781	9206.6	9135.5
Y_2243	224.306	{4 Cts/S	12354	36.381	0.29449	12380	12328
Y_3600	360.073	{ 9 Cts/S	104330	3351.2	3.2121	101960	106700
Y_3710	371.030	{ 9 Cts/S	7228.1	103.88	1.4372	7301.6	7154.7

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0002	201.3	0	-0.0002
Al3082	308.215	{1 In2306	ppm	0.1099	0.0125	11.34	0.1011	0.1187
As1890	189.042	{4 Y_2243	ppm	0	0.0001	2068	0.0001	-0.0001
B_2496	249.678	{1 Y_3710	ppm	0.0158	0.0044	27.55	0.0189	0.0127
Ba4554	455.403	{ 7 Y_3710	ppm	0.0047	0.0005	9.891	0.005	0.0044
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	81.52	0.0003	0.0001
Ca3158	315.887	{1 In2306	ppm	1.585	0.0039	0.2466	1.583	1.588
Ca3181	318.128	{1 In2306	ppm	1.593	0.0594	3.727	1.551	1.635
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	31.85	0.0001	0.0002
Co2286	228.616	{4 In2306	ppm	0.0005	0.0002	35.03	0.0003	0.0006
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0002	142	-0.0003	0
Cu3247	324.754	{1 Y_3600	ppm	0.0005	0.0001	22.87	0.0004	0.0005
Fe2404	240.488	{1 In2306	ppm	0.0293	0.0015	5.13	0.0282	0.0304
K_7664	766.490	{ 4 Y_3710	ppm	0.4046	0.0164	4.049	0.4162	0.393
K_7698	769.896	{ 4 Y_3710	ppm	0.5371	0.0948	17.66	0.6041	0.47
Li6707	670.784	{ 5 Y_3710	ppm	0.0056	0.0007	12.31	0.0061	0.0051
Mg2790	279.079	{1 Y_3710	ppm	1.427	0.0304	2.131	1.449	1.406
Mn2576	257.610	{1 Y_3600	ppm	0.0172	0.0009	4.979	0.0166	0.0178
Mn2576-2	257.610	{1 Y_3710	ppm	0.0172	0	0.0062	0.0172	0.0172
Mo2020	202.030	{4 Y_2243	ppm	0.0008	0.0003	35.9	0.0006	0.001
Na5895	589.592	{ 5 Y_3710	ppm	145.8	8.749	6	152	139.6
Na8183	818.326	{ 4 Y_3710	ppm	149.8	7.957	5.313	155.4	144.2
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0005	89.52	0.0002	0.0008
P_1782	178.284	{4 In2306	ppm	18.63	0.5567	2.988	19.02	18.23
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0008	91.28	0.0003	0.0014
S_1820	182.034	{4 Y_2243	ppm	-687.8	16.99	2.471	-699.8	-675.8
Sb2068	206.833	{4 Y_2243	ppm	0.004	0.0007	16.71	0.0045	0.0035
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0	2	-0.0003	-0.0003
Si2516	251.611	{1 Y_3710	ppm	0.1381	0.0077	5.603	0.1435	0.1326
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0001	18.19	0.0006	0.0007
Sr4215	421.552	{ 8 Y_3710	ppm	0.013	0.0005	3.772	0.0133	0.0126
Ti3349	334.904	{1 Y_3600	ppm	0.0005	0.0005	102	0.0001	0.0008
Tl1908	190.856	{4 In2306	ppm	0	0.0001	347.1	0	-0.0001
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0004	105.7	-0.0001	-0.0007
Zn2062	206.200	{4 In2306	ppm	0.0328	0.0008	2.587	0.0334	0.0322

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.786	0.20373	0.4092	49.642	49.931
In2306	230.606	{4 Cts/S	9264.5	172.24	1.8592	9142.7	9386.3
Y_2243	224.306	{4 Cts/S	12438	213.06	1.7129	12288	12589
Y_3600	360.073	{ 9 Cts/S	107470	3951.1	3.6766	110260	104670
Y_3710	371.030	{ 9 Cts/S	6792.5	288.64	4.2494	6588.4	6996.6

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:50:00
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0003	419.5	0.0001	-0.0003
Al3082	308.215	{1 In2306	ppm	0.0721	0.112	155.5	-0.0072	0.1513
As1890	189.042	{4 Y_2243	ppm	-0.0015	0.0009	64.53	-0.0021	-0.0008
B_2496	249.678	{1 Y_3710	ppm	-0.0077	0.0028	36.76	-0.0057	-0.0097
Ba4554	455.403	{ 7 Y_3710	ppm	0.0184	0.001	5.287	0.0177	0.0191
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	2471	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	67.57	4.869	7.206	64.13	71.01
Ca3181	318.128	{1 In2306	ppm	67.11	4.792	7.141	63.73	70.5
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	276.1	0	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0.0002	88.51	0.0003	0.0001
Cr2677	267.716	{1 Y_3600	ppm	0.0021	0.0006	28.85	0.0025	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.0006	0	6.403	0.0005	0.0006
Fe2404	240.488	{1 In2306	ppm	0.0103	0.0087	83.81	0.0042	0.0164
K_7664	766.490	{ 4 Y_3710	ppm	0.3481	0.0214	6.136	0.333	0.3632
K_7698	769.896	{ 4 Y_3710	ppm	0.3762	0.0109	2.889	0.3685	0.3839
Li6707	670.784	{ 5 Y_3710	ppm	0.0022	0.0001	5.953	0.0022	0.0023
Mg2790	279.079	{1 Y_3710	ppm	0.0256	0.0149	58.27	0.0362	0.0151
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	12.86	0.0002	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0	0.0009	39910	-0.0006	0.0006
Mo2020	202.030	{4 Y_2243	ppm	0.0006	0.0003	52.03	0.0008	0.0004
Na5895	589.592	{ 5 Y_3710	ppm	135.9	3.895	2.866	133.2	138.7
Na8183	818.326	{ 4 Y_3710	ppm	138.2	6.635	4.801	133.5	142.9
Ni2316	231.604	{4 In2306	ppm	-0.0006	0.0001	11.65	-0.0006	-0.0005
P_1782	178.284	{4 In2306	ppm	0.0654	0.081	123.8	0.0081	0.1227
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0001	76.86	0.0001	0.0002
S_1820	182.034	{4 Y_2243	ppm	-659	14.72	2.233	-648.6	-669.4
Sb2068	206.833	{4 Y_2243	ppm	0.001	0.0021	203.4	-0.0004	0.0025
Se1960	196.090	{4 Y_2243	ppm	0.0012	0.0011	87.07	0.0005	0.002
Si2516	251.611	{1 Y_3710	ppm	3.109	0.1217	3.915	3.023	3.195
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0001	49.35	0.0003	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.2434	0.0119	4.881	0.235	0.2518
Ti3349	334.904	{1 Y_3600	ppm	0.0005	0.0002	36.97	0.0006	0.0004
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0005	125.4	0	-0.0008
V_2924	292.402	{1 Y_3600	ppm	0.0023	0.0006	24.19	0.0019	0.0027
Zn2062	206.200	{4 In2306	ppm	0.0026	0.0002	8.064	0.0024	0.0027

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.79	3.6006	7.0891	53.336	48.244
In2306	230.606	{4 Cts/S	8801	173.49	1.9713	8923.7	8678.3
Y_2243	224.306	{4 Cts/S	11892	221.65	1.8639	12048	11735
Y_3600	360.073	{ 9 Cts/S	102500	104.12	0.10159	102420	102570
Y_3710	371.030	{ 9 Cts/S	7154.7	302.72	4.231	7368.7	6940.6

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:52:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0004	228.2	-0.0001	0.0005
Al3082	308.215	{1 In2306	ppm	-0.0466	0.0271	58.06	-0.0657	-0.0275
As1890	189.042	{4 Y_2243	ppm	0.0003	0.0006	235.1	-0.0002	0.0007
B_2496	249.678	{1 Y_3710	ppm	0.014	0.0083	59.41	0.0081	0.0198
Ba4554	455.403	{ 7 Y_3710	ppm	0.0033	0.0001	3.831	0.0032	0.0034
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	401	0.0001	0
Ca3158	315.887	{1 In2306	ppm	0.1385	0.0016	1.149	0.1396	0.1374
Ca3181	318.128	{1 In2306	ppm	0.1362	0.0219	16.08	0.1207	0.1517
Cd2288	228.802	{4 Y_2243	ppm	0	0	75	0	0
Co2286	228.616	{4 In2306	ppm	0.0001	0.0002	115.3	0.0003	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0005	0.0003	68.2	-0.0007	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0004	0.0003	81.36	0.0006	0.0002
Fe2404	240.488	{1 In2306	ppm	0.0242	0.0163	67.17	0.0127	0.0357
K_7664	766.490	{ 4 Y_3710	ppm	0.0307	0.0024	7.726	0.0324	0.029
K_7698	769.896	{ 4 Y_3710	ppm	0.1043	0.0293	28.12	0.125	0.0835
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0005	105.5	0.0001	0.0008
Mg2790	279.079	{1 Y_3710	ppm	-0.0423	0.0478	113.2	-0.0761	-0.0084
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	3.733	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0008	0.0006	78.83	-0.0004	-0.0013
Mo2020	202.030	{4 Y_2243	ppm	0.0028	0.0001	2.028	0.0029	0.0028
Na5895	589.592	{ 5 Y_3710	ppm	0.8904	0.0124	1.392	0.8816	0.8991
Na8183	818.326	{ 4 Y_3710	ppm	0.8488	0.0717	8.451	0.8995	0.7981
Ni2316	231.604	{4 In2306	ppm	-0.0005	0	0.1044	-0.0005	-0.0005
P_1782	178.284	{4 In2306	ppm	0.0026	0.0004	13.74	0.0028	0.0023
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0008	99.07	0.0014	0.0003
S_1820	182.034	{4 Y_2243	ppm	-1.18	0.3391	28.74	-0.9402	-1.42
Sb2068	206.833	{4 Y_2243	ppm	0.0016	0.0004	23.92	0.0013	0.0019
Se1960	196.090	{4 Y_2243	ppm	0.0009	0.0006	62.19	0.0013	0.0005
Si2516	251.611	{1 Y_3710	ppm	0.0216	0.0364	168.2	-0.0041	0.0474
Sn1899	189.989	{4 In2306	ppm	-0.0001	0.0002	130.8	0	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0001	1389	-0.0001	0.0001
Ti3349	334.904	{1 Y_3600	ppm	0.0006	0.0001	8.17	0.0007	0.0006
Tl1908	190.856	{4 In2306	ppm	0.0001	0.0001	138.3	0.0001	0
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0002	165.2	-0.0002	0
Zn2062	206.200	{4 In2306	ppm	0.0034	0.0001	1.825	0.0034	0.0035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.898	0.41465	0.831	50.191	49.605
In2306	230.606	{4 Cts/S	10431	177.85	1.7051	10556	10305
Y_2243	224.306	{4 Cts/S	13151	247.77	1.884	13326	12976
Y_3600	360.073	{ 9 Cts/S	114350	358.16	0.31322	114600	114090
Y_3710	371.030	{ 9 Cts/S	6998.2	149.93	2.1425	7104.2	6892.1

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:55:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2428	0.0004	0.1643	0.2431	0.2426
Al3082	308.215	{1 In2306	ppm	2.465	0.0021	0.0871	2.466	2.463
As1890	189.042	{4 Y_2243	ppm	0.4736	0.0026	0.5565	0.4718	0.4755
B_2496	249.678	{1 Y_3710	ppm	0.4747	0.003	0.6302	0.4768	0.4726
Ba4554	455.403	{ 7 Y_3710	ppm	0.4908	0.0041	0.8378	0.4879	0.4937
Be3130	313.042	{1 Y_3710	ppm	0.4893	0.0016	0.3192	0.4882	0.4904
Ca3158	315.887	{1 In2306	ppm	11.95	0.0262	0.2194	11.93	11.96
Ca3181	318.128	{1 In2306	ppm	11.85	0.0115	0.0967	11.84	11.85
Cd2288	228.802	{4 Y_2243	ppm	0.4644	0.0029	0.6176	0.4624	0.4665
Co2286	228.616	{4 In2306	ppm	0.4728	0.0029	0.6046	0.4708	0.4749
Cr2677	267.716	{1 Y_3600	ppm	0.4826	0.0005	0.106	0.483	0.4823
Cu3247	324.754	{1 Y_3600	ppm	0.4852	0.0123	2.526	0.4939	0.4765
Fe2404	240.488	{1 In2306	ppm	2.393	0.0555	2.317	2.432	2.354
K_7664	766.490	{ 4 Y_3710	ppm	13.1	0.0225	0.1721	13.08	13.11
K_7698	769.896	{ 4 Y_3710	ppm	12.54	0.0637	0.5082	12.5	12.59
Li6707	670.784	{ 5 Y_3710	ppm	0.5164	0.0044	0.8502	0.5133	0.5195
Mg2790	279.079	{1 Y_3710	ppm	4.678	0.1008	2.155	4.607	4.75
Mn2576	257.610	{1 Y_3600	ppm	0.4837	0.0008	0.162	0.4843	0.4832
Mn2576-2	257.610	{1 Y_3710	ppm	0.4821	0.0007	0.1509	0.4815	0.4826
Mo2020	202.030	{4 Y_2243	ppm	0.4854	0.002	0.4095	0.484	0.4868
Na5895	589.592	{ 5 Y_3710	ppm	12.93	0.0783	0.6057	12.87	12.98
Na8183	818.326	{ 4 Y_3710	ppm	12.23	0.0083	0.0678	12.23	12.24
Ni2316	231.604	{4 In2306	ppm	0.4784	0.0028	0.5844	0.4765	0.4804
P_1782	178.284	{4 In2306	ppm	-0.0006	0.001	175.1	0.0001	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.4772	0.007	1.459	0.4723	0.4821
S_1820	182.034	{4 Y_2243	ppm	-276.8	1.573	0.5685	-275.7	-277.9
Sb2068	206.833	{4 Y_2243	ppm	0.4694	0.0003	0.058	0.4692	0.4695
Se1960	196.090	{4 Y_2243	ppm	0.4887	0.0034	0.6982	0.4863	0.4911
Si2516	251.611	{1 Y_3710	ppm	0.8793	0.0148	1.682	0.8688	0.8897
Sn1899	189.989	{4 In2306	ppm	0.4855	0.0037	0.7653	0.4828	0.4881
Sr4215	421.552	{ 8 Y_3710	ppm	0.2514	0.0022	0.8895	0.2498	0.2529
Ti3349	334.904	{1 Y_3600	ppm	0.497	0.0025	0.4996	0.4987	0.4952
Tl1908	190.856	{4 In2306	ppm	0.4952	0.0023	0.4668	0.4935	0.4968
V_2924	292.402	{1 Y_3600	ppm	0.4771	0.0015	0.3244	0.4782	0.476
Zn2062	206.200	{4 In2306	ppm	0.4684	0.003	0.6309	0.4664	0.4705

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.604	0.19645	0.3882	50.743	50.465
In2306	230.606	{4 Cts/S	9879.8	72.92	0.73808	9931.3	9828.2
Y_2243	224.306	{4 Cts/S	13012	89.583	0.68846	13075	12949
Y_3600	360.073	{ 9 Cts/S	109110	385.07	0.35293	108830	109380
Y_3710	371.030	{ 9 Cts/S	6926.1	16.143	0.23307	6937.5	6914.7

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:57:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0053	0.0003	6.018	0.005	0.0055
Al3082	308.215	{1 In2306	ppm	0.1211	0.0025	2.076	0.1194	0.1229
As1890	189.042	{4 Y_2243	ppm	0.0077	0.001	13.18	0.007	0.0085
B_2496	249.678	{1 Y_3710	ppm	0.0039	0.0148	381.5	-0.0066	0.0143
Ba4554	455.403	{ 7 Y_3710	ppm	0.0093	0.0002	2.245	0.0092	0.0095
Be3130	313.042	{1 Y_3710	ppm	0.0049	0.0001	1.439	0.0048	0.0049
Ca3158	315.887	{1 In2306	ppm	0.0795	0.0038	4.833	0.0767	0.0822
Ca3181	318.128	{1 In2306	ppm	0.164	0.0501	30.55	0.1286	0.1994
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0006	12.2	0.0048	0.0057
Co2286	228.616	{4 In2306	ppm	0.0099	0.0008	7.876	0.0094	0.0105
Cr2677	267.716	{1 Y_3600	ppm	0.0089	0.0001	1.428	0.0089	0.009
Cu3247	324.754	{1 Y_3600	ppm	0.0096	0.0002	1.847	0.0095	0.0098
Fe2404	240.488	{1 In2306	ppm	0.0932	0.0041	4.422	0.0961	0.0902
K_7664	766.490	{ 4 Y_3710	ppm	0.6035	0.01	1.659	0.6106	0.5965
K_7698	769.896	{ 4 Y_3710	ppm	0.6872	0.0549	7.992	0.6484	0.726
Li6707	670.784	{ 5 Y_3710	ppm	0.0097	0.0004	3.919	0.0094	0.01
Mg2790	279.079	{1 Y_3710	ppm	0.0754	0.0376	49.89	0.0488	0.102
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0	0.3293	0.0098	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0092	0.0021	22.44	0.0078	0.0107
Mo2020	202.030	{4 Y_2243	ppm	0.0116	0.0013	11.21	0.0107	0.0125
Na5895	589.592	{ 5 Y_3710	ppm	0.62	0.0049	0.7976	0.6165	0.6235
Na8183	818.326	{ 4 Y_3710	ppm	0.863	0.1007	11.67	0.9342	0.7918
Ni2316	231.604	{4 In2306	ppm	0.0102	0.0009	8.987	0.0095	0.0108
P_1782	178.284	{4 In2306	ppm	0.0096	0.0007	7.328	0.0091	0.0101
Pb2203	220.353	{4 In2306	ppm	0.0099	0.0002	1.755	0.0097	0.01
S_1820	182.034	{4 Y_2243	ppm	-0.0494	0.013	26.23	-0.0402	-0.0585
Sb2068	206.833	{4 Y_2243	ppm	0.0165	0.0014	8.225	0.0156	0.0175
Se1960	196.090	{4 Y_2243	ppm	0.0094	0.0009	9.074	0.0088	0.0101
Si2516	251.611	{1 Y_3710	ppm	0.0199	0.0016	7.85	0.0188	0.021
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0006	5.351	0.0104	0.0112
Sr4215	421.552	{ 8 Y_3710	ppm	0.0048	0	0.4138	0.0048	0.0049
Ti3349	334.904	{1 Y_3600	ppm	0.01	0.0002	2.399	0.0102	0.0099
Tl1908	190.856	{4 In2306	ppm	0.0105	0.0003	2.977	0.0103	0.0107
V_2924	292.402	{1 Y_3600	ppm	0.0089	0.0002	1.7	0.0088	0.009
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0009	8.891	0.009	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.111	0.84629	1.6558	51.71	50.513
In2306	230.606	{4 Cts/S	10403	10.143	0.09751	10396	10410
Y_2243	224.306	{4 Cts/S	13158	22.564	0.17149	13142	13173
Y_3600	360.073	{ 9 Cts/S	113900	1149.7	1.0094	114710	113080
Y_3710	371.030	{ 9 Cts/S	7021.9	38.052	0.54191	7048.8	6995

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:00:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0007	2822	0.0004	-0.0005
Al3082	308.215	{1 In2306	ppm	-0.0146	0.0121	83.12	-0.006	-0.0232
As1890	189.042	{4 Y_2243	ppm	-0.0017	0.0005	27.87	-0.0021	-0.0014
B_2496	249.678	{1 Y_3710	ppm	-0.0022	0.0015	67.22	-0.0032	-0.0011
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0.0001	26.09	-0.0003	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	404.2	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0088	0.0049	55.72	-0.0122	-0.0053
Ca3181	318.128	{1 In2306	ppm	0.0063	0.0481	765	0.0403	-0.0277
Cd2288	228.802	{4 Y_2243	ppm	0	0.0002	330.2	-0.0001	0.0002
Co2286	228.616	{4 In2306	ppm	0	0	42.65	0	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0004	129.9	0	-0.0006
Cu3247	324.754	{1 Y_3600	ppm	0	0	54.16	0	0.0001
Fe2404	240.488	{1 In2306	ppm	-0.0042	0.0171	403.5	-0.0164	0.0079
K_7664	766.490	{ 4 Y_3710	ppm	0.0244	0.042	172.3	0.0541	-0.0053
K_7698	769.896	{ 4 Y_3710	ppm	0.111	0.0407	36.64	0.0822	0.1397
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0	10.85	0.0002	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0231	0.0118	51.14	-0.0315	-0.0148
Mn2576	257.610	{1 Y_3600	ppm	0	0	157.9	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0003	0.0006	211.2	0.0007	-0.0001
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0	11.7	0.0003	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.0147	0.0012	7.971	0.0139	0.0156
Na8183	818.326	{ 4 Y_3710	ppm	0.1086	0.0516	47.5	0.0721	0.145
Ni2316	231.604	{4 In2306	ppm	0	0	81.69	0.0001	0
P_1782	178.284	{4 In2306	ppm	0.0002	0.0007	360.1	-0.0003	0.0007
Pb2203	220.353	{4 In2306	ppm	0.0006	0.0004	71.46	0.0009	0.0003
S_1820	182.034	{4 Y_2243	ppm	0.1742	0.4903	281.5	-0.1725	0.5208
Sb2068	206.833	{4 Y_2243	ppm	0.0024	0.0007	30.9	0.0018	0.0029
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0009	552	-0.0008	0.0005
Si2516	251.611	{1 Y_3710	ppm	-0.0073	0.0096	131.3	-0.0005	-0.0141
Sn1899	189.989	{4 In2306	ppm	0	0.0001	159	0	-0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0	5.521	-0.0003	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	-0.0001	0	30.89	-0.0002	-0.0001
Tl1908	190.856	{4 In2306	ppm	0.0001	0.0004	544.3	-0.0002	0.0004
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0	4.513	-0.0004	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0001	0	24.01	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.596	1.3314	2.5314	53.538	51.655
In2306	230.606	{4 Cts/S	10442	115.67	1.1078	10523	10360
Y_2243	224.306	{4 Cts/S	13126	129.85	0.98925	13218	13034
Y_3600	360.073	{ 9 Cts/S	113510	112.86	0.09943	113590	113430
Y_3710	371.030	{ 9 Cts/S	6975	9.476	0.13586	6968.3	6981.7

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0003	521.6	0.0003	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0044	0.0072	163.5	-0.0007	0.0095
As1890	189.042	{4 Y_2243	ppm	-0.0023	0.0008	36.79	-0.0028	-0.0017
B_2496	249.678	{1 Y_3710	ppm	0.0141	0.0027	19.18	0.016	0.0122
Ba4554	455.403	{ 7 Y_3710	ppm	0.3735	0.0066	1.754	0.3781	0.3689
Be3130	313.042	{1 Y_3710	ppm	0	0	88.68	0	0
Ca3158	315.887	{1 In2306	ppm	314.4	7.223	2.298	319.5	309.3
Ca3181	318.128	{1 In2306	ppm	314.2	7.222	2.299	319.3	309
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	66.05	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0	16.98	0.0002	0.0002
Cr2677	267.716	{1 Y_3600	ppm	0.0007	0.0003	37.43	0.0009	0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0019	0.0001	3.813	0.0019	0.0018
Fe2404	240.488	{1 In2306	ppm	-0.0167	0.0158	94.78	-0.0279	-0.0055
K_7664	766.490	{ 4 Y_3710	ppm	3.349	0.0556	1.66	3.388	3.31
K_7698	769.896	{ 4 Y_3710	ppm	3.35	0.0673	2.008	3.398	3.303
Li6707	670.784	{ 5 Y_3710	ppm	0.0183	0.0001	0.4232	0.0184	0.0183
Mg2790	279.079	{1 Y_3710	ppm	-0.0819	0.0505	61.74	-0.1176	-0.0461
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	26.11	0.0002	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0012	0.0017	149.3	-0.0001	0.0024
Mo2020	202.030	{4 Y_2243	ppm	0.0046	0.0002	4.793	0.0048	0.0045
Na5895	589.592	{ 5 Y_3710	ppm	29.08	0.4776	1.642	29.42	28.74
Na8183	818.326	{ 4 Y_3710	ppm	27.94	0.4429	1.585	28.26	27.63
Ni2316	231.604	{4 In2306	ppm	-0.0001	0.0002	157	-0.0002	0
P_1782	178.284	{4 In2306	ppm	0.0073	0.0011	15.54	0.0081	0.0065
Pb2203	220.353	{4 In2306	ppm	0.01	0.0008	7.981	0.0105	0.0094
S_1820	182.034	{4 Y_2243	ppm	-251.7	5.054	2.008	-255.3	-248.2
Sb2068	206.833	{4 Y_2243	ppm	0.0004	0.0013	360.9	-0.0006	0.0013
Se1960	196.090	{4 Y_2243	ppm	0.0019	0.0007	35.36	0.0024	0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0287	0.0329	114.8	0.0054	0.052
Sn1899	189.989	{4 In2306	ppm	0.0005	0.0001	14.19	0.0004	0.0005
Sr4215	421.552	{ 8 Y_3710	ppm	0.3457	0.0067	1.939	0.3505	0.341
Ti3349	334.904	{1 Y_3600	ppm	0.0014	0.0001	7.593	0.0013	0.0015
Tl1908	190.856	{4 In2306	ppm	0	0.0011	5780	0.0008	-0.0008
V_2924	292.402	{1 Y_3600	ppm	0	0.0001	297.7	-0.0001	0
Zn2062	206.200	{4 In2306	ppm	0.0193	0.0004	2.159	0.0196	0.019

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.98	1.0138	2.113	47.263	48.697
In2306	230.606	{4 Cts/S	8743.7	142.47	1.6294	8643	8844.4
Y_2243	224.306	{4 Cts/S	11863	208.75	1.7597	11715	12010
Y_3600	360.073	{ 9 Cts/S	101670	213.46	0.20996	101520	101820
Y_3710	371.030	{ 9 Cts/S	6779.1	80.224	1.1834	6722.3	6835.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4767	0	0.0023	0.4767	0.4767
Al3082	308.215	{1 In2306	ppm	10.15	1.121	11.05	10.94	9.352
As1890	189.042	{4 Y_2243	ppm	0.959	0.0073	0.7563	0.9641	0.9539
B_2496	249.678	{1 Y_3710	ppm	1.011	0.0881	8.712	1.073	0.9487
Ba4554	455.403	{ 7 Y_3710	ppm	1.133	0.1097	9.677	1.211	1.056
Be3130	313.042	{1 Y_3710	ppm	0.4944	0.0517	10.46	0.531	0.4579
Ca3158	315.887	{1 In2306	ppm	48.46	5.356	11.05	52.24	44.67
Ca3181	318.128	{1 In2306	ppm	47.7	5.389	11.3	51.51	43.89
Cd2288	228.802	{4 Y_2243	ppm	0.4656	0.0019	0.4031	0.467	0.4643
Co2286	228.616	{4 In2306	ppm	0.9303	0.0024	0.2621	0.932	0.9286
Cr2677	267.716	{1 Y_3600	ppm	0.9072	0.0036	0.402	0.9098	0.9046
Cu3247	324.754	{1 Y_3600	ppm	0.9405	0.005	0.5292	0.944	0.937
Fe2404	240.488	{1 In2306	ppm	9.591	1.118	11.66	10.38	8.801
K_7664	766.490	{ 4 Y_3710	ppm	11.37	0.9184	8.078	12.02	10.72
K_7698	769.896	{ 4 Y_3710	ppm	11	0.9316	8.469	11.66	10.34
Li6707	670.784	{ 5 Y_3710	ppm	1.119	0.0927	8.285	1.184	1.053
Mg2790	279.079	{1 Y_3710	ppm	10.52	1.172	11.14	11.34	9.687
Mn2576	257.610	{1 Y_3600	ppm	1.009	0.0021	0.2088	1.01	1.007
Mn2576-2	257.610	{1 Y_3710	ppm	1.099	0.1135	10.33	1.179	1.018
Mo2020	202.030	{4 Y_2243	ppm	0.9309	0.0061	0.655	0.9352	0.9265
Na5895	589.592	{ 5 Y_3710	ppm	150.2	5.157	3.433	153.8	146.6
Na8183	818.326	{ 4 Y_3710	ppm	158.3	14.54	9.181	168.6	148.1
Ni2316	231.604	{4 In2306	ppm	0.9543	0.0038	0.3931	0.957	0.9517
P_1782	178.284	{4 In2306	ppm	0.9955	0.0036	0.3598	0.993	0.998
Pb2203	220.353	{4 In2306	ppm	0.9594	0.0022	0.2335	0.961	0.9578
S_1820	182.034	{4 Y_2243	ppm	-42.95	0.7131	1.66	-42.44	-43.45
Sb2068	206.833	{4 Y_2243	ppm	0.9383	0.0086	0.9122	0.9444	0.9323
Se1960	196.090	{4 Y_2243	ppm	0.9743	0.0013	0.1304	0.9752	0.9734
Si2516	251.611	{1 Y_3710	ppm	1.361	0.0974	7.155	1.43	1.292
Sn1899	189.989	{4 In2306	ppm	0.9614	0.0035	0.3628	0.9639	0.959
Sr4215	421.552	{ 8 Y_3710	ppm	0.6514	0.0629	9.659	0.6959	0.6069
Ti3349	334.904	{1 Y_3600	ppm	0.9362	0.0054	0.5746	0.94	0.9324
Tl1908	190.856	{4 In2306	ppm	0.9421	0.006	0.6369	0.9463	0.9378
V_2924	292.402	{1 Y_3600	ppm	0.8933	0.0041	0.4551	0.8962	0.8904
Zn2062	206.200	{4 In2306	ppm	1.223	0.006	0.4945	1.227	1.219

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.802	4.1033	8.5839	44.9	50.703
In2306	230.606	{4 Cts/S	8898.3	10.43	0.11721	8890.9	8905.7
Y_2243	224.306	{4 Cts/S	12309	23.814	0.19347	12292	12326
Y_3600	360.073	{ 9 Cts/S	104900	293.47	0.27975	104700	105110
Y_3710	371.030	{ 9 Cts/S	6542	508.71	7.7761	6182.2	6901.7

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Custom ID3=
Run Time=1/14/2012 13:08:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	78.34	0.0001	0.0002
Al3082	308.215	{1 In2306	ppm	0.0356	0.0215	60.44	0.0508	0.0204
As1890	189.042	{4 Y_2243	ppm	-0.0007	0.0005	77.71	-0.0011	-0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.001	0.0049	491	-0.0045	0.0025
Ba4554	455.403	{ 7 Y_3710	ppm	0.0211	0.0001	0.6859	0.021	0.0212
Be3130	313.042	{1 Y_3710	ppm	0.0003	0.0002	85.15	0.0004	0.0001
Ca3158	315.887	{1 In2306	ppm	7.732	0.4182	5.409	7.436	8.027
Ca3181	318.128	{1 In2306	ppm	7.616	0.3407	4.474	7.375	7.857
Cd2288	228.802	{4 Y_2243	ppm	0.0011	0.0006	51.18	0.0007	0.0015
Co2286	228.616	{4 In2306	ppm	0.0008	0.0011	130.3	0.0001	0.0016
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	5.681	-0.0003	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0013	0.0003	20.87	0.0015	0.0011
Fe2404	240.488	{1 In2306	ppm	-0.0019	0.0021	109	-0.0004	-0.0034
K_7664	766.490	{ 4 Y_3710	ppm	0.0307	0.0034	11.01	0.0331	0.0283
K_7698	769.896	{ 4 Y_3710	ppm	0.1372	0.0399	29.05	0.109	0.1654
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0003	92.9	0.0001	0.0006
Mg2790	279.079	{1 Y_3710	ppm	0.1931	0.0111	5.757	0.201	0.1853
Mn2576	257.610	{1 Y_3600	ppm	0.0225	0.0007	2.978	0.023	0.022
Mn2576-2	257.610	{1 Y_3710	ppm	0.0213	0.001	4.577	0.0206	0.022
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0015	65.3	0.0013	0.0035
Na5895	589.592	{ 5 Y_3710	ppm	29.31	0.1068	0.3645	29.38	29.23
Na8183	818.326	{ 4 Y_3710	ppm	28.32	0.2252	0.7951	28.16	28.48
Ni2316	231.604	{4 In2306	ppm	0.0011	0.001	92.04	0.0004	0.0018
P_1782	178.284	{4 In2306	ppm	0.0009	0.0006	67.19	0.0005	0.0013
Pb2203	220.353	{4 In2306	ppm	0.0059	0.0004	6.733	0.0056	0.0062
S_1820	182.034	{4 Y_2243	ppm	-8.133	0.0083	0.1026	-8.139	-8.127
Sb2068	206.833	{4 Y_2243	ppm	0.008	0.0017	21.46	0.0068	0.0092
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.0015	321.7	-0.0015	0.0006
Si2516	251.611	{1 Y_3710	ppm	0.089	0.0154	17.35	0.0999	0.0781
Sn1899	189.989	{4 In2306	ppm	0.0024	0.0014	59.66	0.0014	0.0034
Sr4215	421.552	{ 8 Y_3710	ppm	0.0268	0.0002	0.6585	0.0267	0.0269
Ti3349	334.904	{1 Y_3600	ppm	0.0023	0.0003	14.41	0.002	0.0025
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0014	390.9	-0.0014	0.0006
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0001	21.22	-0.0005	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.06	0.0021	3.558	0.0585	0.0615

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.906	2.4138	4.8368	51.613	48.199
In2306	230.606	{4 Cts/S	9741.2	169.96	1.7448	9861.4	9621
Y_2243	224.306	{4 Cts/S	12655	238.71	1.8863	12824	12486
Y_3600	360.073	{ 9 Cts/S	106060	2375.9	2.2402	104380	107740
Y_3710	371.030	{ 9 Cts/S	6981.4	18.362	0.26301	6994.4	6968.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.001	0.0001	4.888	0.001	0.0011
Al3082	308.215	{1 In2306	ppm	13.21	0.6226	4.714	13.65	12.77
As1890	189.042	{4 Y_2243	ppm	0.1738	0.0056	3.247	0.1778	0.1698
B_2496	249.678	{1 Y_3710	ppm	0.0059	0.0303	515.6	0.0273	-0.0156
Ba4554	455.403	{ 7 Y_3710	ppm	0.3807	0.0032	0.8415	0.3829	0.3784
Be3130	313.042	{1 Y_3710	ppm	0.0013	0.0001	6.841	0.0012	0.0013
Ca3158	315.887	{1 In2306	ppm	266.8	12.14	4.549	275.4	258.2
Ca3181	318.128	{1 In2306	ppm	267.7	13.04	4.87	276.9	258.5
Cd2288	228.802	{4 Y_2243	ppm	0.0388	0.0008	1.952	0.0393	0.0382
Co2286	228.616	{4 In2306	ppm	0.016	0.0001	0.6255	0.0161	0.0159
Cr2677	267.716	{1 Y_3600	ppm	0.0275	0.0003	1.261	0.0277	0.0272
Cu3247	324.754	{1 Y_3600	ppm	0.3548	0.001	0.2717	0.3541	0.3555
Fe2404	240.488	{1 In2306	ppm	49.91	2.396	4.8	51.61	48.22
K_7664	766.490	{ 4 Y_3710	ppm	1.872	0.0278	1.487	1.852	1.891
K_7698	769.896	{ 4 Y_3710	ppm	1.92	0.0241	1.255	1.937	1.903
Li6707	670.784	{ 5 Y_3710	ppm	0.0107	0.0002	1.413	0.0108	0.0106
Mg2790	279.079	{1 Y_3710	ppm	2.634	0.0496	1.882	2.669	2.599
Mn2576	257.610	{1 Y_3600	ppm	1.184	0.0024	0.2059	1.182	1.186
Mn2576-2	257.610	{1 Y_3710	ppm	1.241	0.016	1.293	1.252	1.229
Mo2020	202.030	{4 Y_2243	ppm	0.0043	0.0003	7.064	0.0045	0.004
Na5895	589.592	{ 5 Y_3710	ppm	0.8191	0.0058	0.7131	0.8232	0.8149
Na8183	818.326	{ 4 Y_3710	ppm	0.9678	0.041	4.239	0.9388	0.9968
Ni2316	231.604	{4 In2306	ppm	0.7583	0.0135	1.786	0.7679	0.7487
P_1782	178.284	{4 In2306	ppm	1.34	0.0185	1.379	1.353	1.327
Pb2203	220.353	{4 In2306	ppm	10.96	0.1611	1.47	11.07	10.84
S_1820	182.034	{4 Y_2243	ppm	-1441	28.75	1.994	-1462	-1421
Sb2068	206.833	{4 Y_2243	ppm	0.0471	0.0013	2.732	0.0462	0.048
Se1960	196.090	{4 Y_2243	ppm	0.01	0.0017	17.06	0.0113	0.0088
Si2516	251.611	{1 Y_3710	ppm	0.8618	0.0412	4.778	0.8909	0.8327
Sn1899	189.989	{4 In2306	ppm	0.103	0.002	1.964	0.1045	0.1016
Sr4215	421.552	{ 8 Y_3710	ppm	0.8634	0.0051	0.5849	0.867	0.8599
Ti3349	334.904	{1 Y_3600	ppm	0.0282	0.0003	1.118	0.028	0.0285
Tl1908	190.856	{4 In2306	ppm	-0.002	0.0008	38.2	-0.0026	-0.0015
V_2924	292.402	{1 Y_3600	ppm	0.0699	0.0001	0.1729	0.0698	0.07
Zn2062	206.200	{4 In2306	ppm	0.2215	0.0033	1.508	0.2238	0.2191

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.077	1.8082	3.6845	47.798	50.355
In2306	230.606	{4 Cts/S	8827.8	134.53	1.524	8732.7	8922.9
Y_2243	224.306	{4 Cts/S	12287	199.67	1.6251	12145	12428
Y_3600	360.073	{ 9 Cts/S	104600	49.251	0.04709	104560	104630
Y_3710	371.030	{ 9 Cts/S	6725	17.514	0.26043	6712.6	6737.4

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=600-48624-a-10-a@10
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:13:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	96.15	-0.0003	-0.0001
Al3082	308.215	{1 In2306	ppm	19.71	0.3687	1.871	19.45	19.97
As1890	189.042	{4 Y_2243	ppm	0.1495	0.0034	2.29	0.1471	0.152
B_2496	249.678	{1 Y_3710	ppm	0.0863	0.0066	7.679	0.091	0.0816
Ba4554	455.403	{ 7 Y_3710	ppm	1.068	0.0218	2.036	1.053	1.084
Be3130	313.042	{1 Y_3710	ppm	0.0013	0	0.2308	0.0013	0.0013
Ca3158	315.887	{1 In2306	ppm	191.4	2.702	1.411	189.5	193.3
Ca3181	318.128	{1 In2306	ppm	191.6	2.562	1.338	189.8	193.4
Cd2288	228.802	{4 Y_2243	ppm	0.0781	0.0019	2.388	0.0767	0.0794
Co2286	228.616	{4 In2306	ppm	0.0274	0.0008	2.76	0.0269	0.0279
Cr2677	267.716	{1 Y_3600	ppm	0.0556	0.001	1.755	0.0563	0.0549
Cu3247	324.754	{1 Y_3600	ppm	2.209	0.0163	0.7358	2.22	2.197
Fe2404	240.488	{1 In2306	ppm	143	1.974	1.381	141.6	144.4
K_7664	766.490	{ 4 Y_3710	ppm	3.197	0.0831	2.598	3.138	3.255
K_7698	769.896	{ 4 Y_3710	ppm	3.153	0.077	2.443	3.098	3.207
Li6707	670.784	{ 5 Y_3710	ppm	0.0162	0.0009	5.746	0.0156	0.0169
Mg2790	279.079	{1 Y_3710	ppm	3.305	0.1049	3.174	3.231	3.38
Mn2576	257.610	{1 Y_3600	ppm	1.772	0.0192	1.086	1.786	1.758
Mn2576-2	257.610	{1 Y_3710	ppm	1.809	0.0357	1.972	1.784	1.835
Mo2020	202.030	{4 Y_2243	ppm	0.0243	0.0004	1.755	0.024	0.0246
Na5895	589.592	{ 5 Y_3710	ppm	4.719	0.1157	2.452	4.637	4.801
Na8183	818.326	{ 4 Y_3710	ppm	4.997	0.0492	0.9843	4.962	5.031
Ni2316	231.604	{4 In2306	ppm	0.1744	0.0071	4.078	0.1694	0.1794
P_1782	178.284	{4 In2306	ppm	1.713	0.0466	2.724	1.68	1.746
Pb2203	220.353	{4 In2306	ppm	13.35	0.3609	2.703	13.1	13.61
S_1820	182.034	{4 Y_2243	ppm	-7608	167.1	2.196	-7490	-7726
Sb2068	206.833	{4 Y_2243	ppm	0.0351	0	0.1313	0.0351	0.0351
Se1960	196.090	{4 Y_2243	ppm	0.0447	0.0015	3.359	0.0436	0.0458
Si2516	251.611	{1 Y_3710	ppm	1.016	0.0127	1.246	1.007	1.025
Sn1899	189.989	{4 In2306	ppm	1.083	0.0233	2.151	1.066	1.099
Sr4215	421.552	{ 8 Y_3710	ppm	0.6099	0.0127	2.075	0.6009	0.6188
Ti3349	334.904	{1 Y_3600	ppm	0.0615	0.0003	0.5382	0.0618	0.0613
Tl1908	190.856	{4 In2306	ppm	-0.0023	0.0004	17.86	-0.0026	-0.002
V_2924	292.402	{1 Y_3600	ppm	0.0938	0.0008	0.8145	0.0944	0.0933
Zn2062	206.200	{4 In2306	ppm	0.5023	0.0158	3.147	0.4912	0.5135

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.343	0.66414	1.3459	49.813	48.874
In2306	230.606	{4 Cts/S	8994.1	166.28	1.8488	9111.7	8876.5
Y_2243	224.306	{4 Cts/S	12421	211.68	1.7042	12570	12271
Y_3600	360.073	{ 9 Cts/S	103930	751.03	0.72264	103400	104460
Y_3710	371.030	{ 9 Cts/S	6806.9	138.98	2.0417	6905.2	6708.6

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:16:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0	34.55	0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.0402	0.022	54.81	0.0558	0.0246
As1890	189.042	{4 Y_2243	ppm	-0.0022	0.0009	40.26	-0.0016	-0.0028
B_2496	249.678	{1 Y_3710	ppm	0.0025	0.004	164.5	0.0053	-0.0004
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0002	53.1	-0.0002	-0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	372.2	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.013	0.0099	76.56	-0.02	-0.0059
Ca3181	318.128	{1 In2306	ppm	0.0381	0.0479	125.6	0.0719	0.0043
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0.0003	104.1	0.0001	0.0005
Co2286	228.616	{4 In2306	ppm	0.0002	0.0002	87.34	0.0001	0.0003
Cr2677	267.716	{1 Y_3600	ppm	-0.0006	0.0002	24.25	-0.0007	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0001	38.81	0.0002	0.0001
Fe2404	240.488	{1 In2306	ppm	0.0112	0.0208	185.2	0.026	-0.0035
K_7664	766.490	{ 4 Y_3710	ppm	-0.009	0.0183	203.3	-0.0219	0.0039
K_7698	769.896	{ 4 Y_3710	ppm	0.1025	0.0711	69.36	0.1528	0.0522
Li6707	670.784	{ 5 Y_3710	ppm	0.0006	0.0005	75.06	0.0003	0.001
Mg2790	279.079	{1 Y_3710	ppm	-0.0261	0.0178	68.42	-0.0135	-0.0387
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	12.8	0.0002	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0008	0.0015	190.7	0.0003	-0.0019
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0002	63.67	0.0002	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	0.0358	0.009	25.14	0.0422	0.0294
Na8183	818.326	{ 4 Y_3710	ppm	0.2505	0.0437	17.44	0.2196	0.2814
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0008	307.6	-0.0003	0.0008
P_1782	178.284	{4 In2306	ppm	0.0041	0.0053	128.9	0.0004	0.0078
Pb2203	220.353	{4 In2306	ppm	0.0336	0.0443	132.1	0.0022	0.0649
S_1820	182.034	{4 Y_2243	ppm	-15.71	19.03	121.2	-2.25	-29.16
Sb2068	206.833	{4 Y_2243	ppm	0.0018	0.0006	34.9	0.0013	0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0012	154.7	-0.0016	0.0001
Si2516	251.611	{1 Y_3710	ppm	0.0373	0.0428	114.7	0.0676	0.007
Sn1899	189.989	{4 In2306	ppm	0.0052	0.0055	104.4	0.0014	0.0091
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0002	444	0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0001	0.0005	399.1	0.0005	-0.0002
Tl1908	190.856	{4 In2306	ppm	-0.0009	0.0005	51.18	-0.0006	-0.0013
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0002	325.4	0.0001	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0033	0.002	61.76	0.0019	0.0048

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.63	3.2098	6.6005	46.36	50.899
In2306	230.606	{4 Cts/S	10461	213.55	2.0415	10612	10310
Y_2243	224.306	{4 Cts/S	13225	284.57	2.1517	13426	13024
Y_3600	360.073	{ 9 Cts/S	114820	89.825	0.07823	114750	114880
Y_3710	371.030	{ 9 Cts/S	6906	470.75	6.8166	6573.1	7238.9

[Sample Header]
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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:18:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.494	0.0013	0.2584	0.4931	0.4949
Al3082	308.215	{1 In2306	ppm	10.43	0.8123	7.79	9.853	11
As1890	189.042	{4 Y_2243	ppm	0.9631	0.0117	1.219	0.9714	0.9548
B_2496	249.678	{1 Y_3710	ppm	1.02	0.0786	7.704	0.9642	1.075
Ba4554	455.403	{ 7 Y_3710	ppm	1.04	0.0903	8.687	0.9757	1.103
Be3130	313.042	{1 Y_3710	ppm	0.51	0.0415	8.137	0.4807	0.5394
Ca3158	315.887	{1 In2306	ppm	9.84	0.6364	6.468	9.39	10.29
Ca3181	318.128	{1 In2306	ppm	9.79	0.7588	7.75	9.253	10.33
Cd2288	228.802	{4 Y_2243	ppm	0.4742	0.0068	1.441	0.479	0.4693
Co2286	228.616	{4 In2306	ppm	0.9515	0.0123	1.289	0.9602	0.9429
Cr2677	267.716	{1 Y_3600	ppm	0.9619	0	0.0046	0.9618	0.9619
Cu3247	324.754	{1 Y_3600	ppm	0.9805	0.0038	0.3904	0.9832	0.9778
Fe2404	240.488	{1 In2306	ppm	9.9	0.6899	6.969	9.413	10.39
K_7664	766.490	{ 4 Y_3710	ppm	11.65	1.174	10.08	10.82	12.48
K_7698	769.896	{ 4 Y_3710	ppm	10.98	1.107	10.09	10.19	11.76
Li6707	670.784	{ 5 Y_3710	ppm	0.5848	0.0664	11.36	0.5378	0.6317
Mg2790	279.079	{1 Y_3710	ppm	9.681	0.7871	8.131	9.125	10.24
Mn2576	257.610	{1 Y_3600	ppm	0.9544	0.0022	0.2354	0.9529	0.956
Mn2576-2	257.610	{1 Y_3710	ppm	0.9908	0.0712	7.191	0.9404	1.041
Mo2020	202.030	{4 Y_2243	ppm	0.9887	0.0161	1.631	1	0.9773
Na5895	589.592	{ 5 Y_3710	ppm	11.49	1.199	10.43	10.64	12.34
Na8183	818.326	{ 4 Y_3710	ppm	10.53	0.8131	7.718	9.959	11.11
Ni2316	231.604	{4 In2306	ppm	0.9597	0.0121	1.261	0.9682	0.9511
P_1782	178.284	{4 In2306	ppm	0.0003	0.0014	562.7	-0.0008	0.0013
Pb2203	220.353	{4 In2306	ppm	0.9558	0.01	1.042	0.9628	0.9487
S_1820	182.034	{4 Y_2243	ppm	0.5087	0.3949	77.64	0.7879	0.2294
Sb2068	206.833	{4 Y_2243	ppm	0.9547	0.0165	1.724	0.9664	0.9431
Se1960	196.090	{4 Y_2243	ppm	0.9885	0.0113	1.143	0.9965	0.9805
Si2516	251.611	{1 Y_3710	ppm	0.9304	0.0995	10.7	0.86	1.001
Sn1899	189.989	{4 In2306	ppm	0.9853	0.0135	1.366	0.9948	0.9758
Sr4215	421.552	{ 8 Y_3710	ppm	0.5282	0.0451	8.548	0.4963	0.5601
Ti3349	334.904	{1 Y_3600	ppm	0.9885	0.003	0.3074	0.9863	0.9906
Tl1908	190.856	{4 In2306	ppm	0.9932	0.014	1.414	1.003	0.9832
V_2924	292.402	{1 Y_3600	ppm	0.9398	0.0028	0.3024	0.9378	0.9418
Zn2062	206.200	{4 In2306	ppm	0.9271	0.0106	1.146	0.9347	0.9196

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.298	2.9442	6.0959	50.379	46.216
In2306	230.606	{4 Cts/S	9734.5	96.494	0.99125	9666.3	9802.8
Y_2243	224.306	{4 Cts/S	12802	148.3	1.1584	12697	12907
Y_3600	360.073	{ 9 Cts/S	109580	24.958	0.02278	109560	109590
Y_3710	371.030	{ 9 Cts/S	6709.7	458.79	6.8377	7034.2	6385.3

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:21:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0004	398.5	0.0004	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0971	0.0371	38.22	0.0709	0.1233
As1890	189.042	{4 Y_2243	ppm	0.0081	0.0062	77.16	0.0037	0.0125
B_2496	249.678	{1 Y_3710	ppm	0.2755	0.0173	6.283	0.2632	0.2877
Ba4554	455.403	{ 7 Y_3710	ppm	0.1658	0.0136	8.205	0.1562	0.1755
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	10.64	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	64.26	5.643	8.781	60.27	68.25
Ca3181	318.128	{1 In2306	ppm	63.64	5.617	8.825	59.67	67.61
Cd2288	228.802	{4 Y_2243	ppm	0.0027	0.0032	121.2	0.0004	0.005
Co2286	228.616	{4 In2306	ppm	0.0064	0.0068	106.1	0.0016	0.0112
Cr2677	267.716	{1 Y_3600	ppm	0.0005	0.0003	53.28	0.0007	0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0033	0.0002	5.834	0.0031	0.0034
Fe2404	240.488	{1 In2306	ppm	0.0362	0.0075	20.69	0.0415	0.0309
K_7664	766.490	{ 4 Y_3710	ppm	25.51	1.897	7.435	24.17	26.86
K_7698	769.896	{ 4 Y_3710	ppm	24.82	1.868	7.527	23.5	26.14
Li6707	670.784	{ 5 Y_3710	ppm	0.0283	0.0029	10.32	0.0262	0.0304
Mg2790	279.079	{1 Y_3710	ppm	20.83	1.679	8.063	19.64	22.01
Mn2576	257.610	{1 Y_3600	ppm	0.0251	0.0001	0.2472	0.0251	0.025
Mn2576-2	257.610	{1 Y_3710	ppm	0.0248	0.0029	11.57	0.0228	0.0269
Mo2020	202.030	{4 Y_2243	ppm	0.2194	0.0066	3.026	0.2147	0.2241
Na5895	589.592	{ 5 Y_3710	ppm	389.2	37.23	9.566	362.8	415.5
Na8183	818.326	{ 4 Y_3710	ppm	433.6	34.27	7.903	409.4	457.8
Ni2316	231.604	{4 In2306	ppm	0.0214	0.0063	29.57	0.0169	0.0258
P_1782	178.284	{4 In2306	ppm	0.1245	0.0019	1.502	0.1258	0.1232
Pb2203	220.353	{4 In2306	ppm	0.0055	0.0049	90.64	0.002	0.0089
S_1820	182.034	{4 Y_2243	ppm	-42180	112.6	0.2668	-42260	-42100
Sb2068	206.833	{4 Y_2243	ppm	0.0252	0.007	27.71	0.0203	0.0301
Se1960	196.090	{4 Y_2243	ppm	0.007	0.0052	74.5	0.0033	0.0107
Si2516	251.611	{1 Y_3710	ppm	3.611	0.3567	9.879	3.358	3.863
Sn1899	189.989	{4 In2306	ppm	0.0082	0.0079	97.21	0.0026	0.0138
Sr4215	421.552	{ 8 Y_3710	ppm	0.8835	0.0719	8.14	0.8327	0.9344
Ti3349	334.904	{1 Y_3600	ppm	0.0026	0.0001	3.803	0.0027	0.0026
Tl1908	190.856	{4 In2306	ppm	0.0053	0.0087	163.9	-0.0008	0.0114
V_2924	292.402	{1 Y_3600	ppm	0.0081	0	0.448	0.0081	0.0081
Zn2062	206.200	{4 In2306	ppm	0.0197	0.0064	32.51	0.0152	0.0243

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.954	3.7006	7.5593	51.571	46.337
In2306	230.606	{4 Cts/S	8290.6	31.558	0.38064	8313	8268.3
Y_2243	224.306	{4 Cts/S	11625	73.628	0.63334	11677	11573
Y_3600	360.073	{ 9 Cts/S	97453	22.776	0.02337	97469	97437
Y_3710	371.030	{ 9 Cts/S	6965.4	449.83	6.4581	7283.5	6647.3

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:24:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0003	0.0004	115.6	0.0001	0.0006
Al3082	308.215	{1	In2306	ppm	-0.0216	0.0191	88.24	-0.0351	-0.0081
As1890	189.042	{4	Y_2243	ppm	0.0024	0.0008	35.38	0.0018	0.003
B_2496	249.678	{1	Y_3710	ppm	0.2569	0.0229	8.898	0.2408	0.2731
Ba4554	455.403	{ 7	Y_3710	ppm	0.1606	0.0041	2.529	0.1577	0.1635
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0002	265.5	-0.0001	0.0002
Ca3158	315.887	{1	In2306	ppm	60.9	1.524	2.502	59.82	61.98
Ca3181	318.128	{1	In2306	ppm	60	1.392	2.319	59.02	60.99
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0.0003	99.97	0.0001	0.0005
Co2286	228.616	{4	In2306	ppm	0.0014	0.0004	32.57	0.0011	0.0017
Cr2677	267.716	{1	Y_3600	ppm	0.0003	0.0002	73.51	0.0005	0.0002
Cu3247	324.754	{1	Y_3600	ppm	0.003	0.0003	8.794	0.0032	0.0028
Fe2404	240.488	{1	In2306	ppm	0.0353	0.0128	36.27	0.0444	0.0263
K_7664	766.490	{ 4	Y_3710	ppm	24.86	0.825	3.319	24.28	25.44
K_7698	769.896	{ 4	Y_3710	ppm	24.1	0.9447	3.919	23.44	24.77
Li6707	670.784	{ 5	Y_3710	ppm	0.0273	0.0016	5.884	0.0262	0.0284
Mg2790	279.079	{1	Y_3710	ppm	19.85	0.4919	2.479	19.5	20.19
Mn2576	257.610	{1	Y_3600	ppm	0.0236	0.0001	0.4183	0.0235	0.0236
Mn2576-2	257.610	{1	Y_3710	ppm	0.0234	0.0016	6.881	0.0245	0.0222
Mo2020	202.030	{4	Y_2243	ppm	0.2014	0.0045	2.251	0.2046	0.1982
Na5895	589.592	{ 5	Y_3710	ppm	370.4	6.407	1.73	365.9	375
Na8183	818.326	{ 4	Y_3710	ppm	420.6	12.61	2.999	411.7	429.5
Ni2316	231.604	{4	In2306	ppm	0.0149	0.0003	1.753	0.0148	0.0151
P_1782	178.284	{4	In2306	ppm	0.1164	0.0028	2.415	0.1184	0.1144
Pb2203	220.353	{4	In2306	ppm	0.0007	0.0013	184.2	-0.0002	0.0016
S_1820	182.034	{4	Y_2243	ppm	-39890	1123	2.814	-40690	-39100
Sb2068	206.833	{4	Y_2243	ppm	0.0092	0.002	21.96	0.0078	0.0106
Se1960	196.090	{4	Y_2243	ppm	0.0014	0.0011	77.28	0.0006	0.0022
Si2516	251.611	{1	Y_3710	ppm	3.476	0.0763	2.195	3.422	3.53
Sn1899	189.989	{4	In2306	ppm	0.0008	0.0003	40.14	0.0006	0.001
Sr4215	421.552	{ 8	Y_3710	ppm	0.8577	0.0228	2.653	0.8416	0.8738
Ti3349	334.904	{1	Y_3600	ppm	0.001	0.0003	28.95	0.0013	0.0008
Tl1908	190.856	{4	In2306	ppm	-0.0002	0.001	489.8	-0.0009	0.0005
V_2924	292.402	{1	Y_3600	ppm	0.0073	0.0004	5.443	0.007	0.0076
Zn2062	206.200	{4	In2306	ppm	0.0126	0.0003	2.423	0.0124	0.0128

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	49.124	0.9336	1.9005	49.784	48.464
In2306	230.606	{4	Cts/S	8407.2	177.54	2.1118	8281.6	8532.7
Y_2243	224.306	{4	Cts/S	11778	261.95	2.224	11593	11963
Y_3600	360.073	{ 9	Cts/S	98795	373.88	0.37844	99059	98531
Y_3710	371.030	{ 9	Cts/S	6864	122.71	1.7877	6950.8	6777.3

[Sample Header]
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SampleName=600-48834-d-1-c ms
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:26:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5106	0.002	0.3986	0.5092	0.512
Al3082	308.215	{1 In2306	ppm	10.16	0.1523	1.499	10.05	10.27
As1890	189.042	{4 Y_2243	ppm	0.9879	0.0063	0.6381	0.9924	0.9835
B_2496	249.678	{1 Y_3710	ppm	1.235	0.0062	0.4999	1.239	1.23
Ba4554	455.403	{ 7 Y_3710	ppm	1.141	0.0013	0.1123	1.141	1.14
Be3130	313.042	{1 Y_3710	ppm	0.4702	0.0006	0.133	0.4697	0.4706
Ca3158	315.887	{1 In2306	ppm	73.34	0.441	0.6014	73.03	73.65
Ca3181	318.128	{1 In2306	ppm	72.73	0.1548	0.2129	72.62	72.84
Cd2288	228.802	{4 Y_2243	ppm	0.4764	0.0028	0.5847	0.4784	0.4744
Co2286	228.616	{4 In2306	ppm	0.9534	0.0047	0.4879	0.9567	0.9502
Cr2677	267.716	{1 Y_3600	ppm	0.9091	0.0008	0.0905	0.9085	0.9096
Cu3247	324.754	{1 Y_3600	ppm	0.9717	0.0059	0.6052	0.9676	0.9759
Fe2404	240.488	{1 In2306	ppm	9.663	0.0975	1.009	9.594	9.732
K_7664	766.490	{ 4 Y_3710	ppm	36.06	0.1366	0.3788	35.96	36.15
K_7698	769.896	{ 4 Y_3710	ppm	35.15	0.0215	0.0611	35.16	35.13
Li6707	670.784	{ 5 Y_3710	ppm	0.5518	0.0037	0.6653	0.5492	0.5544
Mg2790	279.079	{1 Y_3710	ppm	29.81	0.0305	0.1023	29.84	29.79
Mn2576	257.610	{1 Y_3600	ppm	0.9296	0.0033	0.3519	0.9273	0.932
Mn2576-2	257.610	{1 Y_3710	ppm	0.9501	0.0012	0.129	0.9492	0.951
Mo2020	202.030	{4 Y_2243	ppm	1.14	0.0074	0.649	1.145	1.134
Na5895	589.592	{ 5 Y_3710	ppm	395.7	0.9584	0.2422	396.4	395
Na8183	818.326	{ 4 Y_3710	ppm	441.7	0.2636	0.0597	441.8	441.5
Ni2316	231.604	{4 In2306	ppm	0.9699	0.0044	0.4558	0.973	0.9667
P_1782	178.284	{4 In2306	ppm	0.1194	0.0008	0.6426	0.1188	0.1199
Pb2203	220.353	{4 In2306	ppm	0.9338	0.0007	0.0707	0.9343	0.9334
S_1820	182.034	{4 Y_2243	ppm	-40520	12.24	0.0302	-40510	-40530
Sb2068	206.833	{4 Y_2243	ppm	0.9652	0.0081	0.8432	0.971	0.9595
Se1960	196.090	{4 Y_2243	ppm	1.023	0.0048	0.4736	1.027	1.02
Si2516	251.611	{1 Y_3710	ppm	4.481	0.0276	0.6153	4.461	4.5
Sn1899	189.989	{4 In2306	ppm	0.9819	0.0037	0.3761	0.9845	0.9793
Sr4215	421.552	{ 8 Y_3710	ppm	1.366	0.0009	0.0655	1.367	1.365
Ti3349	334.904	{1 Y_3600	ppm	0.9574	0.0001	0.0139	0.9575	0.9573
Tl1908	190.856	{4 In2306	ppm	0.9253	0.0069	0.7475	0.9302	0.9204
V_2924	292.402	{1 Y_3600	ppm	0.9197	0.0081	0.8769	0.914	0.9254
Zn2062	206.200	{4 In2306	ppm	0.9774	0.0044	0.4532	0.9805	0.9743

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.501	0.61764	1.3003	47.938	47.064
In2306	230.606	{4 Cts/S	8276.6	0.09767	0.00118	8276.5	8276.7
Y_2243	224.306	{4 Cts/S	11759	8.5788	0.07295	11753	11765
Y_3600	360.073	{ 9 Cts/S	98473	364.7	0.37036	98731	98215
Y_3710	371.030	{ 9 Cts/S	6813.3	18.089	0.2655	6826.1	6800.5

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2412	0.0024	1.004	0.2394	0.2429
Al3082	308.215	{1 In2306	ppm	2.406	0.0534	2.217	2.369	2.444
As1890	189.042	{4 Y_2243	ppm	0.4767	0.0002	0.0383	0.4766	0.4769
B_2496	249.678	{1 Y_3710	ppm	0.467	0.0132	2.831	0.4577	0.4764
Ba4554	455.403	{ 7 Y_3710	ppm	0.4786	0.013	2.71	0.4695	0.4878
Be3130	313.042	{1 Y_3710	ppm	0.4769	0.0126	2.641	0.468	0.4858
Ca3158	315.887	{1 In2306	ppm	11.38	0.3771	3.314	11.11	11.65
Ca3181	318.128	{1 In2306	ppm	11.3	0.4538	4.015	10.98	11.62
Cd2288	228.802	{4 Y_2243	ppm	0.4693	0.0012	0.2596	0.4701	0.4684
Co2286	228.616	{4 In2306	ppm	0.4748	0.0007	0.1507	0.4743	0.4753
Cr2677	267.716	{1 Y_3600	ppm	0.4826	0.0032	0.6593	0.4804	0.4849
Cu3247	324.754	{1 Y_3600	ppm	0.4807	0.0066	1.364	0.4761	0.4853
Fe2404	240.488	{1 In2306	ppm	2.288	0.0648	2.831	2.242	2.334
K_7664	766.490	{ 4 Y_3710	ppm	13.15	0.3116	2.37	12.93	13.37
K_7698	769.896	{ 4 Y_3710	ppm	12.53	0.3254	2.597	12.3	12.76
Li6707	670.784	{ 5 Y_3710	ppm	0.5148	0.0124	2.415	0.506	0.5236
Mg2790	279.079	{1 Y_3710	ppm	4.534	0.1454	3.206	4.431	4.637
Mn2576	257.610	{1 Y_3600	ppm	0.4781	0.0051	1.066	0.4745	0.4817
Mn2576-2	257.610	{1 Y_3710	ppm	0.4625	0.0146	3.155	0.4522	0.4728
Mo2020	202.030	{4 Y_2243	ppm	0.4954	0.0008	0.1699	0.496	0.4948
Na5895	589.592	{ 5 Y_3710	ppm	12.96	0.3189	2.461	12.73	13.19
Na8183	818.326	{ 4 Y_3710	ppm	12.14	0.1594	1.313	12.03	12.25
Ni2316	231.604	{4 In2306	ppm	0.4813	0.0004	0.087	0.481	0.4816
P_1782	178.284	{4 In2306	ppm	0.0001	0.0008	1268	0.0007	-0.0005
Pb2203	220.353	{4 In2306	ppm	0.4786	0.0007	0.1497	0.4791	0.4781
S_1820	182.034	{4 Y_2243	ppm	-302.5	22.88	7.564	-286.4	-318.7
Sb2068	206.833	{4 Y_2243	ppm	0.4904	0.0014	0.2895	0.4914	0.4894
Se1960	196.090	{4 Y_2243	ppm	0.4918	0.0021	0.4329	0.4933	0.4903
Si2516	251.611	{1 Y_3710	ppm	0.8706	0.0289	3.317	0.8502	0.891
Sn1899	189.989	{4 In2306	ppm	0.4926	0	0.0009	0.4926	0.4926
Sr4215	421.552	{ 8 Y_3710	ppm	0.2454	0.0061	2.502	0.2411	0.2498
Ti3349	334.904	{1 Y_3600	ppm	0.499	0.0033	0.661	0.4967	0.5013
Tl1908	190.856	{4 In2306	ppm	0.5008	0.0023	0.4609	0.5024	0.4992
V_2924	292.402	{1 Y_3600	ppm	0.4666	0.0061	1.297	0.4624	0.4709
Zn2062	206.200	{4 In2306	ppm	0.4687	0.0005	0.1034	0.4684	0.469

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.404	1.3	2.5289	52.323	50.485
In2306	230.606	{4 Cts/S	9744.4	5.1367	0.05271	9748	9740.7
Y_2243	224.306	{4 Cts/S	12810	0.83579	0.00652	12810	12811
Y_3600	360.073	{ 9 Cts/S	109130	1053.8	0.96568	109870	108380
Y_3710	371.030	{ 9 Cts/S	7005.8	122.73	1.7518	7092.6	6919

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0004	7.438	0.0046	0.0051
Al3082	308.215	{1 In2306	ppm	0.0633	0.0624	98.61	0.0191	0.1074
As1890	189.042	{4 Y_2243	ppm	0.0086	0.0005	5.954	0.0082	0.0089
B_2496	249.678	{1 Y_3710	ppm	0.006	0.0037	61.69	0.0087	0.0034
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0.0002	1.843	0.0093	0.0096
Be3130	313.042	{1 Y_3710	ppm	0.0047	0.0001	1.558	0.0047	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0737	0.0176	23.94	0.0612	0.0862
Ca3181	318.128	{1 In2306	ppm	0.1258	0.0115	9.102	0.1339	0.1177
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0006	11.39	0.0048	0.0057
Co2286	228.616	{4 In2306	ppm	0.0098	0.0006	5.764	0.0094	0.0102
Cr2677	267.716	{1 Y_3600	ppm	0.0091	0.0003	3.669	0.0089	0.0093
Cu3247	324.754	{1 Y_3600	ppm	0.0095	0.0006	6.265	0.0099	0.0091
Fe2404	240.488	{1 In2306	ppm	0.0918	0.0015	1.639	0.0929	0.0907
K_7664	766.490	{ 4 Y_3710	ppm	0.648	0.02	3.082	0.6621	0.6338
K_7698	769.896	{ 4 Y_3710	ppm	0.7551	0.0045	0.5906	0.7582	0.7519
Li6707	670.784	{ 5 Y_3710	ppm	0.0095	0.0011	11.8	0.0103	0.0087
Mg2790	279.079	{1 Y_3710	ppm	0.0486	0.0197	40.48	0.0625	0.0347
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0	0.1722	0.0098	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0097	0.0001	1.356	0.0096	0.0098
Mo2020	202.030	{4 Y_2243	ppm	0.0118	0.0011	9.686	0.011	0.0127
Na5895	589.592	{ 5 Y_3710	ppm	0.6642	0.0001	0.0152	0.6642	0.6643
Na8183	818.326	{ 4 Y_3710	ppm	0.7527	0.0048	0.6365	0.756	0.7493
Ni2316	231.604	{4 In2306	ppm	0.0104	0.0005	4.866	0.01	0.0107
P_1782	178.284	{4 In2306	ppm	0.0089	0.0001	0.939	0.009	0.0088
Pb2203	220.353	{4 In2306	ppm	0.01	0.0005	5.151	0.0097	0.0104
S_1820	182.034	{4 Y_2243	ppm	-4.276	0.386	9.026	-4.549	-4.003
Sb2068	206.833	{4 Y_2243	ppm	0.0209	0.0006	2.816	0.0204	0.0213
Se1960	196.090	{4 Y_2243	ppm	0.0103	0.0008	7.567	0.0109	0.0098
Si2516	251.611	{1 Y_3710	ppm	0.0241	0.0238	98.49	0.041	0.0073
Sn1899	189.989	{4 In2306	ppm	0.0107	0.0006	6.033	0.0102	0.0111
Sr4215	421.552	{ 8 Y_3710	ppm	0.0046	0.0002	5.165	0.0045	0.0048
Ti3349	334.904	{1 Y_3600	ppm	0.0108	0.0003	3.189	0.011	0.0105
Tl1908	190.856	{4 In2306	ppm	0.0106	0.0016	15.05	0.0095	0.0117
V_2924	292.402	{1 Y_3600	ppm	0.0091	0.0001	1.168	0.009	0.0092
Zn2062	206.200	{4 In2306	ppm	0.0097	0.0006	6.012	0.0093	0.0101

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.184	1.3622	2.6104	53.147	51.221
In2306	230.606	{4 Cts/S	10241	92.399	0.90224	10176	10306
Y_2243	224.306	{4 Cts/S	12932	105.17	0.81328	12858	13006
Y_3600	360.073	{ 9 Cts/S	113440	181.83	0.16029	113310	113570
Y_3710	371.030	{ 9 Cts/S	7057.2	34.437	0.48797	7081.5	7032.8

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Custom ID3=
Run Time=1/14/2012 13:34:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0004	0.0004	123.5	0	0.0007
Al3082	308.215	{1 In2306	ppm	-0.0239	0.04	167.4	-0.0521	0.0044
As1890	189.042	{4 Y_2243	ppm	-0.0009	0.0016	183.3	0.0003	-0.002
B_2496	249.678	{1 Y_3710	ppm	-0.0117	0.0145	123.3	-0.022	-0.0015
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0	23	-0.0001	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	222.1	0	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0051	0.0062	120.9	-0.0007	-0.0095
Ca3181	318.128	{1 In2306	ppm	0.0238	0.1056	442.9	-0.0508	0.0985
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	39.5	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0	0	167	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0003	70.13	-0.0006	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0002	200.2	0.0002	0
Fe2404	240.488	{1 In2306	ppm	0.0321	0.0078	24.36	0.0266	0.0376
K_7664	766.490	{ 4 Y_3710	ppm	0.0184	0.0216	117.4	0.0337	0.0031
K_7698	769.896	{ 4 Y_3710	ppm	0.1824	0.0535	29.34	0.1446	0.2203
Li6707	670.784	{ 5 Y_3710	ppm	0.0001	0	41.06	0.0001	0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.0515	0.0853	165.5	-0.1118	0.0088
Mn2576	257.610	{1 Y_3600	ppm	0	0	47.74	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0012	0.0005	41.82	-0.0008	-0.0015
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0	6.795	0.0004	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.0457	0.0019	4.071	0.0444	0.047
Na8183	818.326	{ 4 Y_3710	ppm	0.4317	0.0354	8.203	0.4568	0.4067
Ni2316	231.604	{4 In2306	ppm	0.0003	0.0001	33.61	0.0003	0.0002
P_1782	178.284	{4 In2306	ppm	0.0003	0.0002	64.97	0.0001	0.0004
Pb2203	220.353	{4 In2306	ppm	0.001	0.001	103.4	0.0003	0.0017
S_1820	182.034	{4 Y_2243	ppm	-2.536	0.5302	20.91	-2.911	-2.161
Sb2068	206.833	{4 Y_2243	ppm	0.002	0.0002	11.61	0.0019	0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0003	44.65	-0.001	-0.0005
Si2516	251.611	{1 Y_3710	ppm	0.0215	0.0184	85.66	0.0085	0.0346
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	186.3	0.0002	0
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	38.31	-0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0001	0.0003	178.2	0	-0.0003
Tl1908	190.856	{4 In2306	ppm	-0.0003	0.0005	147.4	-0.0007	0
V_2924	292.402	{1 Y_3600	ppm	-0.0005	0	6.96	-0.0004	-0.0005
Zn2062	206.200	{4 In2306	ppm	0	0.0001	725.3	0.0001	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.868	1.3543	2.7158	50.826	48.911
In2306	230.606	{4 Cts/S	10236	260.23	2.5422	10052	10420
Y_2243	224.306	{4 Cts/S	12867	341.71	2.6558	12625	13108
Y_3600	360.073	{ 9 Cts/S	112390	2918.6	2.5967	114460	110330
Y_3710	371.030	{ 9 Cts/S	6909.1	119.87	1.7349	6993.8	6824.3

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:37:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5088	0.0052	1.031	0.5125	0.5051
Al3082	308.215	{1 In2306	ppm	9.298	0.377	4.055	9.565	9.032
As1890	189.042	{4 Y_2243	ppm	1.003	0.0022	0.2155	1.002	1.005
B_2496	249.678	{1 Y_3710	ppm	1.212	0.0195	1.612	1.198	1.226
Ba4554	455.403	{ 7 Y_3710	ppm	1.137	0.0058	0.512	1.141	1.133
Be3130	313.042	{1 Y_3710	ppm	0.4686	0.0004	0.09	0.4683	0.4689
Ca3158	315.887	{1 In2306	ppm	66.25	1.349	2.036	67.21	65.3
Ca3181	318.128	{1 In2306	ppm	65.43	1.644	2.512	66.6	64.27
Cd2288	228.802	{4 Y_2243	ppm	0.4808	0.0001	0.0184	0.4807	0.4809
Co2286	228.616	{4 In2306	ppm	0.9671	0.0013	0.1313	0.9662	0.968
Cr2677	267.716	{1 Y_3600	ppm	0.9052	0.0012	0.1318	0.9061	0.9044
Cu3247	324.754	{1 Y_3600	ppm	0.9646	0.0154	1.599	0.9755	0.9537
Fe2404	240.488	{1 In2306	ppm	8.798	0.2332	2.65	8.963	8.633
K_7664	766.490	{ 4 Y_3710	ppm	36.28	0.024	0.0661	36.26	36.29
K_7698	769.896	{ 4 Y_3710	ppm	35.14	0.0071	0.0203	35.14	35.15
Li6707	670.784	{ 5 Y_3710	ppm	0.5582	0.0014	0.2475	0.5592	0.5572
Mg2790	279.079	{1 Y_3710	ppm	29.24	0.2118	0.7244	29.09	29.39
Mn2576	257.610	{1 Y_3600	ppm	0.9281	0.0008	0.0853	0.9287	0.9276
Mn2576-2	257.610	{1 Y_3710	ppm	0.9438	0.0115	1.219	0.9357	0.9519
Mo2020	202.030	{4 Y_2243	ppm	1.152	0.0021	0.1791	1.153	1.15
Na5895	589.592	{ 5 Y_3710	ppm	398	7.109	1.786	403	393
Na8183	818.326	{ 4 Y_3710	ppm	438.5	0.5332	0.1216	438.1	438.9
Ni2316	231.604	{4 In2306	ppm	0.9884	0.002	0.198	0.9898	0.987
P_1782	178.284	{4 In2306	ppm	0.1198	0.0003	0.2226	0.1196	0.12
Pb2203	220.353	{4 In2306	ppm	0.949	0.0051	0.541	0.9454	0.9527
S_1820	182.034	{4 Y_2243	ppm	-40700	43.1	0.1059	-40670	-40730
Sb2068	206.833	{4 Y_2243	ppm	0.9804	0.0054	0.5519	0.9843	0.9766
Se1960	196.090	{4 Y_2243	ppm	1.039	0.0053	0.5085	1.036	1.043
Si2516	251.611	{1 Y_3710	ppm	4.416	0.0106	0.2408	4.424	4.409
Sn1899	189.989	{4 In2306	ppm	1.001	0.0021	0.2054	1.002	0.9992
Sr4215	421.552	{ 8 Y_3710	ppm	1.358	0.0022	0.1591	1.36	1.357
Ti3349	334.904	{1 Y_3600	ppm	0.9484	0.0035	0.3694	0.9509	0.946
Tl1908	190.856	{4 In2306	ppm	0.9365	0.0042	0.4525	0.9395	0.9335
V_2924	292.402	{1 Y_3600	ppm	0.913	0.0074	0.8067	0.9182	0.9078
Zn2062	206.200	{4 In2306	ppm	0.9902	0.002	0.2047	0.9888	0.9916

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.655	1.5699	3.0391	50.545	52.765
In2306	230.606	{4 Cts/S	8143.5	16.44	0.20188	8155.1	8131.9
Y_2243	224.306	{4 Cts/S	11580	30.92	0.26702	11601	11558
Y_3600	360.073	{ 9 Cts/S	98884	426.32	0.43113	98583	99186
Y_3710	371.030	{ 9 Cts/S	6822.3	31.342	0.45941	6844.4	6800.1

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:39:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5001	0.0048	0.961	0.5035	0.4967
Al3082	308.215	{1 In2306	ppm	9.891	0.365	3.691	10.15	9.633
As1890	189.042	{4 Y_2243	ppm	0.998	0.0105	1.057	1.005	0.9905
B_2496	249.678	{1 Y_3710	ppm	1.228	0.0774	6.3	1.283	1.173
Ba4554	455.403	{ 7 Y_3710	ppm	1.146	0.076	6.633	1.2	1.093
Be3130	313.042	{1 Y_3710	ppm	0.4654	0.0346	7.426	0.4898	0.4409
Ca3158	315.887	{1 In2306	ppm	71.15	2.335	3.282	72.8	69.5
Ca3181	318.128	{1 In2306	ppm	70.64	2.563	3.629	72.45	68.83
Cd2288	228.802	{4 Y_2243	ppm	0.477	0.0028	0.5918	0.479	0.4751
Co2286	228.616	{4 In2306	ppm	0.9487	0.0083	0.8733	0.9546	0.9429
Cr2677	267.716	{1 Y_3600	ppm	0.9058	0.0129	1.426	0.915	0.8967
Cu3247	324.754	{1 Y_3600	ppm	0.9593	0.0081	0.8472	0.965	0.9535
Fe2404	240.488	{1 In2306	ppm	9.165	0.444	4.845	9.479	8.851
K_7664	766.490	{ 4 Y_3710	ppm	36.93	2.557	6.924	38.74	35.13
K_7698	769.896	{ 4 Y_3710	ppm	35.89	2.493	6.945	37.65	34.13
Li6707	670.784	{ 5 Y_3710	ppm	1.093	0.0755	6.91	1.147	1.04
Mg2790	279.079	{1 Y_3710	ppm	29.9	1.931	6.458	31.27	28.54
Mn2576	257.610	{1 Y_3600	ppm	0.9353	0.0127	1.363	0.9444	0.9263
Mn2576-2	257.610	{1 Y_3710	ppm	0.9623	0.0725	7.538	1.014	0.911
Mo2020	202.030	{4 Y_2243	ppm	1.138	0.012	1.059	1.146	1.129
Na5895	589.592	{ 5 Y_3710	ppm	401.6	39.87	9.926	429.8	373.4
Na8183	818.326	{ 4 Y_3710	ppm	449.7	29.37	6.531	470.4	428.9
Ni2316	231.604	{4 In2306	ppm	0.9833	0.0104	1.059	0.9907	0.976
P_1782	178.284	{4 In2306	ppm	1.197	0.0179	1.491	1.21	1.184
Pb2203	220.353	{4 In2306	ppm	0.9383	0.0126	1.348	0.9473	0.9294
S_1820	182.034	{4 Y_2243	ppm	-41190	355.8	0.8639	-41440	-40940
Sb2068	206.833	{4 Y_2243	ppm	0.9943	0.0134	1.348	1.004	0.9848
Se1960	196.090	{4 Y_2243	ppm	1.014	0.0066	0.647	1.019	1.009
Si2516	251.611	{1 Y_3710	ppm	4.637	0.3233	6.973	4.865	4.408
Sn1899	189.989	{4 In2306	ppm	0.98	0.0116	1.181	0.9882	0.9718
Sr4215	421.552	{ 8 Y_3710	ppm	1.379	0.0946	6.86	1.446	1.312
Ti3349	334.904	{1 Y_3600	ppm	0.9419	0.0117	1.238	0.9502	0.9337
Tl1908	190.856	{4 In2306	ppm	0.9192	0.0109	1.183	0.9269	0.9115
V_2924	292.402	{1 Y_3600	ppm	0.9014	0.0106	1.172	0.9089	0.8939
Zn2062	206.200	{4 In2306	ppm	0.9839	0.0118	1.197	0.9923	0.9756

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.626	1.1614	2.3885	47.805	49.448
In2306	230.606	{4 Cts/S	8166.7	47.749	0.58468	8132.9	8200.4
Y_2243	224.306	{4 Cts/S	11632	40.633	0.34932	11603	11661
Y_3600	360.073	{ 9 Cts/S	98813	743.06	0.75198	98288	99339
Y_3710	371.030	{ 9 Cts/S	6751.1	398.87	5.9083	6469.1	7033.2

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:42:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0008	1128	0.0007	-0.0005
Al3082	308.215	{1 In2306	ppm	0.0087	0.0398	455.4	-0.0194	0.0369
As1890	189.042	{4 Y_2243	ppm	0.0014	0.0033	232.3	-0.0009	0.0038
B_2496	249.678	{1 Y_3710	ppm	0.0565	0.0092	16.34	0.05	0.0631
Ba4554	455.403	{ 7 Y_3710	ppm	0.0341	0.0015	4.327	0.033	0.0351
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	21.61	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	12.62	0.6445	5.105	12.17	13.08
Ca3181	318.128	{1 In2306	ppm	12.6	0.7604	6.037	12.06	13.13
Cd2288	228.802	{4 Y_2243	ppm	0.0012	0.0014	121	0.0002	0.0022
Co2286	228.616	{4 In2306	ppm	0.0025	0.0031	123.2	0.0003	0.0047
Cr2677	267.716	{1 Y_3600	ppm	0.0001	0.0001	118.7	0	0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0009	0.0003	31.82	0.0007	0.0011
Fe2404	240.488	{1 In2306	ppm	0.0146	0.0134	91.77	0.0241	0.0051
K_7664	766.490	{ 4 Y_3710	ppm	5.421	0.1502	2.771	5.315	5.527
K_7698	769.896	{ 4 Y_3710	ppm	5.24	0.1856	3.542	5.109	5.372
Li6707	670.784	{ 5 Y_3710	ppm	0.0064	0.0003	4.491	0.0062	0.0066
Mg2790	279.079	{1 Y_3710	ppm	4.115	0.1313	3.191	4.022	4.207
Mn2576	257.610	{1 Y_3600	ppm	0.0051	0	0.1906	0.0051	0.0051
Mn2576-2	257.610	{1 Y_3710	ppm	0.0033	0.0022	66.25	0.0049	0.0018
Mo2020	202.030	{4 Y_2243	ppm	0.0478	0.004	8.314	0.0449	0.0506
Na5895	589.592	{ 5 Y_3710	ppm	91.22	2.816	3.088	89.23	93.21
Na8183	818.326	{ 4 Y_3710	ppm	89.55	3.025	3.379	87.41	91.69
Ni2316	231.604	{4 In2306	ppm	0.0053	0.0033	61.88	0.003	0.0077
P_1782	178.284	{4 In2306	ppm	0.024	0.0025	10.27	0.0223	0.0258
Pb2203	220.353	{4 In2306	ppm	0.0032	0.0013	40.84	0.0023	0.0041
S_1820	182.034	{4 Y_2243	ppm	-8176	95.86	1.173	-8243	-8108
Sb2068	206.833	{4 Y_2243	ppm	0.0156	0.0043	27.89	0.0125	0.0186
Se1960	196.090	{4 Y_2243	ppm	0.0022	0.0022	97.62	0.0007	0.0038
Si2516	251.611	{1 Y_3710	ppm	0.7559	0.0311	4.112	0.7339	0.7779
Sn1899	189.989	{4 In2306	ppm	0.0039	0.004	102.8	0.0011	0.0068
Sr4215	421.552	{ 8 Y_3710	ppm	0.1833	0.0069	3.74	0.1785	0.1882
Ti3349	334.904	{1 Y_3600	ppm	0.0016	0.0005	31.91	0.0012	0.0019
Tl1908	190.856	{4 In2306	ppm	0.0021	0.0024	113.1	0.0004	0.0037
V_2924	292.402	{1 Y_3600	ppm	0.0014	0.0002	14.32	0.0012	0.0015
Zn2062	206.200	{4 In2306	ppm	0.0073	0.0028	39.27	0.0052	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.818	2.262	4.5405	51.418	48.219
In2306	230.606	{4 Cts/S	9402.9	138.72	1.4752	9304.9	9501
Y_2243	224.306	{4 Cts/S	12525	201.58	1.6093	12383	12668
Y_3600	360.073	{ 9 Cts/S	105620	353.25	0.33445	105370	105870
Y_3710	371.030	{ 9 Cts/S	6822.4	212.23	3.1107	6972.4	6672.3

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Username=admin
Comment=
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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:44:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2435	0.0036	1.463	0.241	0.246
Al3082	308.215 {1	In2306	ppm	2.509	0.0206	0.8198	2.524	2.495
As1890	189.042 {4	Y_2243	ppm	0.4803	0.0149	3.095	0.4908	0.4698
B_2496	249.678 {1	Y_3710	ppm	0.464	0.0044	0.948	0.4671	0.4609
Ba4554	455.403 {	Y_3710	ppm	0.4864	0.0057	1.176	0.4904	0.4824
Be3130	313.042 {1	Y_3710	ppm	0.4772	0.0033	0.691	0.4795	0.4748
Ca3158	315.887 {1	In2306	ppm	12.15	0.2157	1.775	12.3	12
Ca3181	318.128 {1	In2306	ppm	11.97	0.2093	1.748	12.12	11.83
Cd2288	228.802 {4	Y_2243	ppm	0.4686	0.0111	2.371	0.4764	0.4607
Co2286	228.616 {4	In2306	ppm	0.4744	0.0098	2.062	0.4813	0.4675
Cr2677	267.716 {1	Y_3600	ppm	0.4774	0.0068	1.419	0.4726	0.4821
Cu3247	324.754 {1	Y_3600	ppm	0.4855	0.006	1.232	0.4812	0.4897
Fe2404	240.488 {1	In2306	ppm	2.414	0.0752	3.114	2.467	2.361
K_7664	766.490 {	Y_3710	ppm	13.3	0.1415	1.064	13.4	13.2
K_7698	769.896 {	Y_3710	ppm	12.55	0.1118	0.8913	12.62	12.47
Li6707	670.784 {	Y_3710	ppm	0.5181	0.0056	1.084	0.522	0.5141
Mg2790	279.079 {1	Y_3710	ppm	4.572	0.0022	0.0481	4.573	4.57
Mn2576	257.610 {1	Y_3600	ppm	0.4806	0.0056	1.162	0.4767	0.4846
Mn2576-2	257.610 {1	Y_3710	ppm	0.4704	0.0047	1.003	0.4737	0.467
Mo2020	202.030 {4	Y_2243	ppm	0.4937	0.0132	2.667	0.503	0.4844
Na5895	589.592 {	Y_3710	ppm	13	0.124	0.9543	13.08	12.91
Na8183	818.326 {	Y_3710	ppm	12.32	0.1677	1.362	12.44	12.2
Ni2316	231.604 {4	In2306	ppm	0.4808	0.0109	2.27	0.4885	0.4731
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0016	173.1	0.0002	-0.0021
Pb2203	220.353 {4	In2306	ppm	0.4772	0.0093	1.952	0.4838	0.4706
S_1820	182.034 {4	Y_2243	ppm	-287.5	4.331	1.506	-290.6	-284.4
Sb2068	206.833 {4	Y_2243	ppm	0.4821	0.012	2.479	0.4906	0.4737
Se1960	196.090 {4	Y_2243	ppm	0.4966	0.0135	2.715	0.5062	0.4871
Si2516	251.611 {1	Y_3710	ppm	0.8728	0.016	1.835	0.8615	0.8841
Sn1899	189.989 {4	In2306	ppm	0.4893	0.0116	2.38	0.4976	0.4811
Sr4215	421.552 {	Y_3710	ppm	0.2485	0.0028	1.117	0.2505	0.2465
Ti3349	334.904 {1	Y_3600	ppm	0.4958	0.0059	1.194	0.4916	0.4999
Tl1908	190.856 {4	In2306	ppm	0.4984	0.0085	1.711	0.5045	0.4924
V_2924	292.402 {1	Y_3600	ppm	0.4694	0.0044	0.938	0.4663	0.4725
Zn2062	206.200 {4	In2306	ppm	0.4655	0.0099	2.117	0.4725	0.4585

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.876	1.0678	2.1848	48.121	49.631
In2306	230.606 {4	Cts/S	9684.4	155.7	1.6077	9574.3	9794.5
Y_2243	224.306 {4	Cts/S	12715	242.19	1.9048	12543	12886
Y_3600	360.073 {	Cts/S	108860	1015.3	0.93273	109570	108140
Y_3710	371.030 {	Cts/S	6999.5	64.92	0.9275	6953.6	7045.4

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Custom ID3=
Run Time=1/14/2012 13:47:19
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0001	2.277	0.005	0.0048
Al3082	308.215	{1 In2306	ppm	0.1021	0.0264	25.88	0.1208	0.0834
As1890	189.042	{4 Y_2243	ppm	0.0088	0.0001	1.234	0.0089	0.0088
B_2496	249.678	{1 Y_3710	ppm	0.0061	0.0123	202.5	-0.0026	0.0148
Ba4554	455.403	{ 7 Y_3710	ppm	0.0091	0.0004	4.021	0.0094	0.0088
Be3130	313.042	{1 Y_3710	ppm	0.0046	0.0002	5.275	0.0048	0.0044
Ca3158	315.887	{1 In2306	ppm	0.0697	0.0012	1.657	0.0705	0.0688
Ca3181	318.128	{1 In2306	ppm	0.0751	0.058	77.24	0.1161	0.0341
Cd2288	228.802	{4 Y_2243	ppm	0.0051	0.0004	8.804	0.0047	0.0054
Co2286	228.616	{4 In2306	ppm	0.0096	0.0003	2.703	0.0094	0.0097
Cr2677	267.716	{1 Y_3600	ppm	0.0093	0.0002	2.64	0.0095	0.0091
Cu3247	324.754	{1 Y_3600	ppm	0.0097	0.0001	1.448	0.0098	0.0096
Fe2404	240.488	{1 In2306	ppm	0.0935	0.0057	6.126	0.0976	0.0895
K_7664	766.490	{ 4 Y_3710	ppm	0.7059	0.0172	2.432	0.718	0.6938
K_7698	769.896	{ 4 Y_3710	ppm	0.7913	0.0894	11.29	0.8545	0.7281
Li6707	670.784	{ 5 Y_3710	ppm	0.0106	0.0008	7.445	0.0112	0.0101
Mg2790	279.079	{1 Y_3710	ppm	0.0399	0.0142	35.66	0.0298	0.0499
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0.0001	0.8294	0.0098	0.0097
Mn2576-2	257.610	{1 Y_3710	ppm	0.0098	0.0012	11.9	0.0106	0.009
Mo2020	202.030	{4 Y_2243	ppm	0.0112	0.0007	6.617	0.0106	0.0117
Na5895	589.592	{ 5 Y_3710	ppm	0.6635	0.0209	3.144	0.6782	0.6487
Na8183	818.326	{ 4 Y_3710	ppm	0.6305	0.027	4.285	0.6496	0.6114
Ni2316	231.604	{4 In2306	ppm	0.0098	0.0007	7.087	0.0094	0.0103
P_1782	178.284	{4 In2306	ppm	0.0095	0.0003	3.606	0.0097	0.0092
Pb2203	220.353	{4 In2306	ppm	0.0109	0.001	9.109	0.0102	0.0116
S_1820	182.034	{4 Y_2243	ppm	-4.075	0.2412	5.918	-4.246	-3.905
Sb2068	206.833	{4 Y_2243	ppm	0.016	0.0018	11.43	0.0147	0.0173
Se1960	196.090	{4 Y_2243	ppm	0.011	0.0016	14.37	0.0099	0.0121
Si2516	251.611	{1 Y_3710	ppm	0.0324	0.0153	47.04	0.0432	0.0216
Sn1899	189.989	{4 In2306	ppm	0.0105	0.0008	7.655	0.0099	0.011
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0.0001	1.904	0.0047	0.0046
Ti3349	334.904	{1 Y_3600	ppm	0.011	0.0005	4.74	0.0114	0.0106
Tl1908	190.856	{4 In2306	ppm	0.0101	0.0002	1.517	0.01	0.0102
V_2924	292.402	{1 Y_3600	ppm	0.0084	0.0003	3.173	0.0086	0.0082
Zn2062	206.200	{4 In2306	ppm	0.0093	0.0004	4.525	0.009	0.0096

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.625	1.5774	3.1158	49.509	51.74
In2306	230.606	{4 Cts/S	10193	17.473	0.17142	10181	10205
Y_2243	224.306	{4 Cts/S	12889	5.581	0.0433	12893	12885
Y_3600	360.073	{ 9 Cts/S	113100	904.15	0.79944	112460	113740
Y_3710	371.030	{ 9 Cts/S	6999.1	123.16	1.7596	6912	7086.2

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0	45.52	-0.0001	-0.0001
Al3082	308.215	{1 In2306	ppm	0.0295	0.0958	325.2	-0.0383	0.0972
As1890	189.042	{4 Y_2243	ppm	-0.0017	0.0001	5.514	-0.0016	-0.0018
B_2496	249.678	{1 Y_3710	ppm	-0.0109	0.0103	93.86	-0.0037	-0.0182
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0	7.59	-0.0004	-0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0.0002	460.2	0.0002	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.0069	0.017	245.2	0.0189	-0.0051
Ca3181	318.128	{1 In2306	ppm	0.0454	0.054	118.9	0.0837	0.0072
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	66.58	0	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0	23.94	0.0002	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	13.3	-0.0003	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0001	203.4	0.0001	0
Fe2404	240.488	{1 In2306	ppm	0.0354	0.0237	66.84	0.0521	0.0187
K_7664	766.490	{ 4 Y_3710	ppm	0.063	0.0039	6.181	0.0602	0.0658
K_7698	769.896	{ 4 Y_3710	ppm	0.1349	0.0406	30.08	0.1636	0.1062
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0007	174.7	0.0009	-0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.1055	0.0517	49.02	-0.1421	-0.0689
Mn2576	257.610	{1 Y_3600	ppm	0	0	43.13	0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0003	0.0016	485.4	-0.0014	0.0008
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0003	88.01	0.0001	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	0.0385	0.0112	28.98	0.0464	0.0306
Na8183	818.326	{ 4 Y_3710	ppm	0.3873	0.0867	22.39	0.4486	0.326
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0002	89.16	0.0003	0.0001
P_1782	178.284	{4 In2306	ppm	0	0.0012	2770	-0.0009	0.0008
Pb2203	220.353	{4 In2306	ppm	0.0004	0.0002	51.89	0.0006	0.0003
S_1820	182.034	{4 Y_2243	ppm	-3.266	0.0643	1.967	-3.312	-3.221
Sb2068	206.833	{4 Y_2243	ppm	0.0007	0.0008	112.5	0.0012	0.0001
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0002	24.92	-0.0006	-0.0009
Si2516	251.611	{1 Y_3710	ppm	0.0038	0.0074	198	-0.0015	0.009
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0002	55.28	0.0002	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0	5.386	-0.0003	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0003	86.81	0.0006	0.0001
Tl1908	190.856	{4 In2306	ppm	0.0005	0.0004	78.28	0.0008	0.0002
V_2924	292.402	{1 Y_3600	ppm	-0.0006	0.0005	80.3	-0.0009	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0	22.44	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.526	1.1066	2.1901	49.744	51.308
In2306	230.606	{4 Cts/S	10259	78.955	0.76965	10314	10203
Y_2243	224.306	{4 Cts/S	12898	124.83	0.96787	12986	12809
Y_3600	360.073	{ 9 Cts/S	112880	3078.6	2.7274	110700	115050
Y_3710	371.030	{ 9 Cts/S	6850.6	119.24	1.7406	6934.9	6766.2

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:52:43
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	130.5	-0.0003	0
Al3082	308.215	{1 In2306	ppm	-0.0128	0.0439	342.2	0.0182	-0.0439
As1890	189.042	{4 Y_2243	ppm	-0.0023	0.0002	7.293	-0.0022	-0.0024
B_2496	249.678	{1 Y_3710	ppm	-0.0022	0.0019	85.44	-0.0035	-0.0009
Ba4554	455.403	{ 7 Y_3710	ppm	0.0026	0.0003	10.29	0.0028	0.0024
Be3130	313.042	{1 Y_3710	ppm	0	0	139.2	0.0001	0
Ca3158	315.887	{1 In2306	ppm	0.0173	0.016	92.5	0.006	0.0286
Ca3181	318.128	{1 In2306	ppm	0.062	0.0186	30.04	0.0488	0.0752
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	453.1	0	0.0001
Co2286	228.616	{4 In2306	ppm	0	0.0001	309.4	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0	11.21	-0.0004	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0014	0.0003	19.29	0.0016	0.0012
Fe2404	240.488	{1 In2306	ppm	0.0042	0.0094	225.4	-0.0025	0.0108
K_7664	766.490	{ 4 Y_3710	ppm	0.0413	0.0153	36.93	0.0521	0.0305
K_7698	769.896	{ 4 Y_3710	ppm	0.1382	0.0282	20.39	0.1182	0.1581
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0002	55.87	0.0002	0.0005
Mg2790	279.079	{1 Y_3710	ppm	-0.017	0.0225	132.5	-0.0329	-0.0011
Mn2576	257.610	{1 Y_3600	ppm	0.0011	0	0.0207	0.0011	0.0011
Mn2576-2	257.610	{1 Y_3710	ppm	0.0016	0.0014	90.8	0.0026	0.0006
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	27.26	0.0002	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.042	0.0064	15.29	0.0466	0.0375
Na8183	818.326	{ 4 Y_3710	ppm	0.0906	0.007	7.758	0.0956	0.0857
Ni2316	231.604	{4 In2306	ppm	-0.0002	0	13.59	-0.0002	-0.0002
P_1782	178.284	{4 In2306	ppm	0	0.0011	3386	0.0008	-0.0008
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0003	35.06	0.0011	0.0007
S_1820	182.034	{4 Y_2243	ppm	-4.166	0.6359	15.26	-4.616	-3.716
Sb2068	206.833	{4 Y_2243	ppm	-0.0005	0.0005	99.6	-0.0008	-0.0001
Se1960	196.090	{4 Y_2243	ppm	0.0004	0.0014	323.2	0.0014	-0.0006
Si2516	251.611	{1 Y_3710	ppm	0.0188	0.0005	2.694	0.0184	0.0192
Sn1899	189.989	{4 In2306	ppm	-0.0001	0.0001	40.97	-0.0001	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0002	0.0001	35.15	0.0003	0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0002	0.0001	47.87	-0.0001	-0.0002
Tl1908	190.856	{4 In2306	ppm	-0.0008	0.0003	35.08	-0.0006	-0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0001	82.88	-0.0002	0
Zn2062	206.200	{4 In2306	ppm	0.0032	0.0001	3.367	0.0033	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.054	0.03309	0.06746	49.077	49.031
In2306	230.606	{4 Cts/S	10293	0.6289	0.00611	10294	10293
Y_2243	224.306	{4 Cts/S	12984	11.114	0.0856	12992	12977
Y_3600	360.073	{ 9 Cts/S	113610	3880.7	3.4157	110870	116360
Y_3710	371.030	{ 9 Cts/S	6993.9	48.811	0.6979	7028.5	6959.4

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Custom ID3=
Run Time=1/14/2012 13:55:24
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4971	0.0073	1.476	0.5023	0.4919
Al3082	308.215	{1 In2306	ppm	10.42	0.4841	4.645	10.08	10.76
As1890	189.042	{4 Y_2243	ppm	0.9798	0.0275	2.808	0.9993	0.9603
B_2496	249.678	{1 Y_3710	ppm	1.028	0.0121	1.182	1.019	1.036
Ba4554	455.403	{ 7 Y_3710	ppm	1.051	0.0254	2.421	1.033	1.069
Be3130	313.042	{1 Y_3710	ppm	0.51	0.0141	2.757	0.5001	0.52
Ca3158	315.887	{1 In2306	ppm	9.869	0.3268	3.311	9.638	10.1
Ca3181	318.128	{1 In2306	ppm	9.771	0.2919	2.987	9.564	9.977
Cd2288	228.802	{4 Y_2243	ppm	0.4823	0.0138	2.863	0.4921	0.4725
Co2286	228.616	{4 In2306	ppm	0.9712	0.029	2.987	0.9917	0.9506
Cr2677	267.716	{1 Y_3600	ppm	0.9565	0.007	0.7352	0.9615	0.9515
Cu3247	324.754	{1 Y_3600	ppm	0.9846	0.0117	1.193	0.9929	0.9763
Fe2404	240.488	{1 In2306	ppm	9.907	0.3302	3.333	9.674	10.14
K_7664	766.490	{ 4 Y_3710	ppm	11.85	0.286	2.414	11.65	12.05
K_7698	769.896	{ 4 Y_3710	ppm	11.14	0.2409	2.163	10.97	11.31
Li6707	670.784	{ 5 Y_3710	ppm	0.5868	0.0147	2.497	0.5764	0.5971
Mg2790	279.079	{1 Y_3710	ppm	9.639	0.1205	1.25	9.554	9.724
Mn2576	257.610	{1 Y_3600	ppm	0.9587	0.0103	1.078	0.966	0.9514
Mn2576-2	257.610	{1 Y_3710	ppm	0.9989	0.0213	2.133	0.9838	1.014
Mo2020	202.030	{4 Y_2243	ppm	1.005	0.0333	3.307	1.029	0.9819
Na5895	589.592	{ 5 Y_3710	ppm	11.57	0.2693	2.328	11.38	11.76
Na8183	818.326	{ 4 Y_3710	ppm	10.73	0.2423	2.257	10.56	10.9
Ni2316	231.604	{4 In2306	ppm	0.9808	0.0299	3.044	1.002	0.9597
P_1782	178.284	{4 In2306	ppm	0.0001	0	10.78	0.0001	0.0001
Pb2203	220.353	{4 In2306	ppm	0.9794	0.0287	2.928	0.9997	0.9591
S_1820	182.034	{4 Y_2243	ppm	-1.936	0.4812	24.86	-2.276	-1.595
Sb2068	206.833	{4 Y_2243	ppm	0.9771	0.0325	3.324	1	0.9541
Se1960	196.090	{4 Y_2243	ppm	1.013	0.0255	2.512	1.031	0.9951
Si2516	251.611	{1 Y_3710	ppm	0.9567	0.0652	6.816	0.9106	1.003
Sn1899	189.989	{4 In2306	ppm	1.004	0.0313	3.12	1.027	0.9822
Sr4215	421.552	{ 8 Y_3710	ppm	0.5324	0.0138	2.586	0.5226	0.5421
Ti3349	334.904	{1 Y_3600	ppm	0.9892	0.0091	0.918	0.9956	0.9827
Tl1908	190.856	{4 In2306	ppm	1.019	0.0306	3.002	1.04	0.997
V_2924	292.402	{1 Y_3600	ppm	0.9301	0.0114	1.227	0.9382	0.922
Zn2062	206.200	{4 In2306	ppm	0.947	0.0256	2.7	0.9651	0.9289

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.779	1.4187	2.9083	49.782	47.776
In2306	230.606	{4 Cts/S	9666.4	181.87	1.8814	9537.8	9795
Y_2243	224.306	{4 Cts/S	12769	246.97	1.9342	12594	12943
Y_3600	360.073	{ 9 Cts/S	111540	904.75	0.81113	110900	112180
Y_3710	371.030	{ 9 Cts/S	6749.9	126.47	1.8736	6839.4	6660.5

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Custom ID3=
Run Time=1/14/2012 13:57:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0002	174.4	0.0002	0
Al3082	308.215	{1 In2306	ppm	0.1213	0.0504	41.59	0.0856	0.1569
As1890	189.042	{4 Y_2243	ppm	0.0065	0.0014	21.52	0.0055	0.0074
B_2496	249.678	{1 Y_3710	ppm	0.3934	0.0023	0.583	0.3918	0.395
Ba4554	455.403	{ 7 Y_3710	ppm	0.2408	0.0003	0.1114	0.241	0.2406
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	22.04	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	51.76	0.171	0.3304	51.88	51.64
Ca3181	318.128	{1 In2306	ppm	51.02	0.1057	0.2073	51.09	50.94
Cd2288	228.802	{4 Y_2243	ppm	0.0013	0.0015	120.8	0.0002	0.0023
Co2286	228.616	{4 In2306	ppm	0.0036	0.003	82.78	0.0015	0.0057
Cr2677	267.716	{1 Y_3600	ppm	0.0014	0.0005	33.92	0.0017	0.0011
Cu3247	324.754	{1 Y_3600	ppm	0.0028	0.0002	7.162	0.003	0.0027
Fe2404	240.488	{1 In2306	ppm	0.0517	0.0029	5.67	0.0496	0.0538
K_7664	766.490	{ 4 Y_3710	ppm	58.46	0.1451	0.2481	58.36	58.57
K_7698	769.896	{ 4 Y_3710	ppm	57.18	0.1056	0.1847	57.11	57.26
Li6707	670.784	{ 5 Y_3710	ppm	0.0437	0.0003	0.7344	0.0439	0.0435
Mg2790	279.079	{1 Y_3710	ppm	20.51	0.0228	0.1114	20.49	20.53
Mn2576	257.610	{1 Y_3600	ppm	0.0831	0.0008	0.9803	0.0837	0.0825
Mn2576-2	257.610	{1 Y_3710	ppm	0.0814	0.0022	2.713	0.0799	0.083
Mo2020	202.030	{4 Y_2243	ppm	0.034	0.0042	12.49	0.031	0.0369
Na5895	589.592	{ 5 Y_3710	ppm	771.1	3.754	0.4868	773.8	768.5
Na8183	818.326	{ 4 Y_3710	ppm	912.5	2.007	0.2199	911.1	914
Ni2316	231.604	{4 In2306	ppm	0.0062	0.0034	54.62	0.0038	0.0086
P_1782	178.284	{4 In2306	ppm	1.386	0.0012	0.0883	1.385	1.387
Pb2203	220.353	{4 In2306	ppm	0.0014	0.0011	79.14	0.0006	0.0022
S_1820	182.034	{4 Y_2243	ppm	-81030	386.9	0.4774	-80760	-81310
Sb2068	206.833	{4 Y_2243	ppm	0.0193	0.0026	13.62	0.0175	0.0212
Se1960	196.090	{4 Y_2243	ppm	0.104	0.003	2.911	0.1018	0.1061
Si2516	251.611	{1 Y_3710	ppm	2.701	0.0424	1.571	2.671	2.731
Sn1899	189.989	{4 In2306	ppm	0.0046	0.0042	90.72	0.0016	0.0075
Sr4215	421.552	{ 8 Y_3710	ppm	1.314	0.0007	0.0532	1.314	1.313
Ti3349	334.904	{1 Y_3600	ppm	0.0027	0	1.449	0.0026	0.0027
Tl1908	190.856	{4 In2306	ppm	0.0027	0.0051	192.3	-0.001	0.0063
V_2924	292.402	{1 Y_3600	ppm	0.0097	0.0002	1.732	0.0096	0.0098
Zn2062	206.200	{4 In2306	ppm	0.0848	0.0028	3.314	0.0829	0.0868

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.35	0.23115	0.48819	47.186	47.513
In2306	230.606	{4 Cts/S	7621.1	34.946	0.45854	7645.8	7596.4
Y_2243	224.306	{4 Cts/S	10946	97.72	0.89272	11015	10877
Y_3600	360.073	{ 9 Cts/S	92753	877.98	0.94658	92133	93374
Y_3710	371.030	{ 9 Cts/S	6743.9	13.362	0.19813	6753.4	6734.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	53.1	0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.1882	0.0085	4.534	0.1942	0.1821
As1890	189.042	{4 Y_2243	ppm	0.0038	0.0002	6.293	0.0036	0.004
B_2496	249.678	{1 Y_3710	ppm	0.4039	0.004	0.9961	0.4068	0.4011
Ba4554	455.403	{ 7 Y_3710	ppm	0.2489	0.0002	0.0934	0.249	0.2487
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	38.78	0.0001	0.0002
Ca3158	315.887	{1 In2306	ppm	50.29	1.59	3.162	51.41	49.16
Ca3181	318.128	{1 In2306	ppm	49.78	1.561	3.136	50.89	48.68
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	15.36	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0012	0.0003	25.46	0.001	0.0014
Cr2677	267.716	{1 Y_3600	ppm	0.0017	0.0002	11.83	0.0018	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.0032	0.0001	3.422	0.0031	0.0033
Fe2404	240.488	{1 In2306	ppm	0.0223	0.0303	135.8	0.0438	0.0009
K_7664	766.490	{ 4 Y_3710	ppm	60.19	0.031	0.0515	60.17	60.21
K_7698	769.896	{ 4 Y_3710	ppm	59.09	0.1116	0.1889	59.17	59.01
Li6707	670.784	{ 5 Y_3710	ppm	0.0457	0.0003	0.7067	0.046	0.0455
Mg2790	279.079	{1 Y_3710	ppm	21.04	0.0965	0.4589	21.1	20.97
Mn2576	257.610	{1 Y_3600	ppm	0.0846	0	0.0407	0.0847	0.0846
Mn2576-2	257.610	{1 Y_3710	ppm	0.0831	0.001	1.194	0.0838	0.0824
Mo2020	202.030	{4 Y_2243	ppm	0.0301	0.0004	1.259	0.0298	0.0304
Na5895	589.592	{ 5 Y_3710	ppm	772.8	7.027	0.9093	767.8	777.8
Na8183	818.326	{ 4 Y_3710	ppm	934.2	0.1073	0.0115	934.3	934.1
Ni2316	231.604	{4 In2306	ppm	0.0037	0.0001	2.269	0.0037	0.0038
P_1782	178.284	{4 In2306	ppm	1.401	0.0018	0.1316	1.399	1.402
Pb2203	220.353	{4 In2306	ppm	0	0.0004	61770	-0.0003	0.0003
S_1820	182.034	{4 Y_2243	ppm	-81860	178.3	0.2178	-81730	-81990
Sb2068	206.833	{4 Y_2243	ppm	0.0038	0	0.0632	0.0038	0.0038
Se1960	196.090	{4 Y_2243	ppm	0.1025	0.0007	0.6532	0.102	0.103
Si2516	251.611	{1 Y_3710	ppm	2.761	0.0112	0.4073	2.753	2.769
Sn1899	189.989	{4 In2306	ppm	0.0005	0.0002	51.27	0.0006	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	1.345	0.0007	0.0493	1.345	1.346
Ti3349	334.904	{1 Y_3600	ppm	0.0008	0.0001	12.84	0.0007	0.0008
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.001	240.3	0.0003	-0.0011
V_2924	292.402	{1 Y_3600	ppm	0.01	0.0006	5.931	0.0096	0.0105
Zn2062	206.200	{4 In2306	ppm	0.0836	0.0001	0.163	0.0835	0.0837

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.419	1.6464	3.3315	48.255	50.583
In2306	230.606	{4 Cts/S	7707.9	29.622	0.38431	7728.9	7687
Y_2243	224.306	{4 Cts/S	11047	39.538	0.35791	11075	11019
Y_3600	360.073	{ 9 Cts/S	92863	88.666	0.09548	92926	92801
Y_3710	371.030	{ 9 Cts/S	6705.9	41.148	0.6136	6735	6676.8

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Custom ID3=
Run Time=1/14/2012 14:03:16
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5757	0.0097	1.68	0.5825	0.5688
Al3082	308.215	{1 In2306	ppm	10.88	0.2877	2.645	11.08	10.67
As1890	189.042	{4 Y_2243	ppm	1.067	0.0145	1.354	1.057	1.077
B_2496	249.678	{1 Y_3710	ppm	1.404	0.0231	1.644	1.42	1.388
Ba4554	455.403	{ 7 Y_3710	ppm	1.277	0.0067	0.5243	1.282	1.273
Be3130	313.042	{1 Y_3710	ppm	0.4871	0.0015	0.3145	0.486	0.4882
Ca3158	315.887	{1 In2306	ppm	62.91	1.516	2.41	63.98	61.84
Ca3181	318.128	{1 In2306	ppm	62.13	1.439	2.316	63.15	61.11
Cd2288	228.802	{4 Y_2243	ppm	0.5118	0.0114	2.221	0.5038	0.5199
Co2286	228.616	{4 In2306	ppm	1.009	0.023	2.277	0.9925	1.025
Cr2677	267.716	{1 Y_3600	ppm	0.973	0.0182	1.871	0.9858	0.9601
Cu3247	324.754	{1 Y_3600	ppm	1.063	0.0312	2.939	1.085	1.041
Fe2404	240.488	{1 In2306	ppm	10.09	0.2541	2.518	10.27	9.914
K_7664	766.490	{ 4 Y_3710	ppm	70.08	0.5243	0.7482	70.45	69.71
K_7698	769.896	{ 4 Y_3710	ppm	69.18	0.3361	0.4859	69.41	68.94
Li6707	670.784	{ 5 Y_3710	ppm	0.5919	0.006	1.013	0.5961	0.5876
Mg2790	279.079	{1 Y_3710	ppm	30.27	0.1762	0.5819	30.15	30.4
Mn2576	257.610	{1 Y_3600	ppm	1.058	0.0207	1.957	1.073	1.044
Mn2576-2	257.610	{1 Y_3710	ppm	1.06	0.0029	0.2716	1.062	1.058
Mo2020	202.030	{4 Y_2243	ppm	1.004	0.0149	1.482	0.9931	1.014
Na5895	589.592	{ 5 Y_3710	ppm	780.6	12.82	1.642	789.7	771.6
Na8183	818.326	{ 4 Y_3710	ppm	934.7	4.666	0.4992	938	931.4
Ni2316	231.604	{4 In2306	ppm	1.018	0.0224	2.197	1.003	1.034
P_1782	178.284	{4 In2306	ppm	1.353	0.0266	1.964	1.334	1.371
Pb2203	220.353	{4 In2306	ppm	0.9781	0.0204	2.086	0.9637	0.9925
S_1820	182.034	{4 Y_2243	ppm	-78960	1675	2.122	-77770	-80140
Sb2068	206.833	{4 Y_2243	ppm	1.022	0.0146	1.431	1.012	1.033
Se1960	196.090	{4 Y_2243	ppm	1.209	0.0242	2.003	1.192	1.226
Si2516	251.611	{1 Y_3710	ppm	3.459	0.0129	0.3716	3.45	3.468
Sn1899	189.989	{4 In2306	ppm	1.046	0.0175	1.67	1.033	1.058
Sr4215	421.552	{ 8 Y_3710	ppm	1.846	0.0097	0.5278	1.852	1.839
Ti3349	334.904	{1 Y_3600	ppm	1.024	0.0169	1.651	1.036	1.012
Tl1908	190.856	{4 In2306	ppm	0.9583	0.02	2.086	0.9441	0.9724
V_2924	292.402	{1 Y_3600	ppm	0.9827	0.0221	2.252	0.9983	0.967
Zn2062	206.200	{4 In2306	ppm	1.117	0.0316	2.832	1.095	1.139

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.101	1.2047	2.5576	46.249	47.953
In2306	230.606	{4 Cts/S	7720.4	127.29	1.6488	7810.4	7630.3
Y_2243	224.306	{4 Cts/S	11229	160.98	1.4336	11343	11115
Y_3600	360.073	{ 9 Cts/S	92200	1401	1.5195	91210	93191
Y_3710	371.030	{ 9 Cts/S	6747.2	14.103	0.20902	6737.3	6757.2

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.583	0.0293	5.019	0.5623	0.6037
Al3082	308.215	{1 In2306	ppm	11.37	0.1109	0.9752	11.29	11.45
As1890	189.042	{4 Y_2243	ppm	1.072	0.0054	0.4995	1.076	1.068
B_2496	249.678	{1 Y_3710	ppm	1.5	0.1083	7.217	1.577	1.423
Ba4554	455.403	{ 7 Y_3710	ppm	1.354	0.0932	6.883	1.42	1.288
Be3130	313.042	{1 Y_3710	ppm	0.5133	0.0373	7.263	0.5396	0.4869
Ca3158	315.887	{1 In2306	ppm	66.15	0.0567	0.0857	66.19	66.11
Ca3181	318.128	{1 In2306	ppm	65.28	0.1702	0.2607	65.16	65.4
Cd2288	228.802	{4 Y_2243	ppm	0.5146	0.004	0.7688	0.5174	0.5118
Co2286	228.616	{4 In2306	ppm	1.016	0.0056	0.5539	1.019	1.012
Cr2677	267.716	{1 Y_3600	ppm	0.9976	0.0496	4.975	0.9625	1.033
Cu3247	324.754	{1 Y_3600	ppm	1.079	0.053	4.916	1.041	1.116
Fe2404	240.488	{1 In2306	ppm	10.47	0.0762	0.728	10.52	10.41
K_7664	766.490	{ 4 Y_3710	ppm	76	4.715	6.204	79.34	72.67
K_7698	769.896	{ 4 Y_3710	ppm	74.88	4.736	6.325	78.23	71.53
Li6707	670.784	{ 5 Y_3710	ppm	0.6315	0.039	6.174	0.659	0.6039
Mg2790	279.079	{1 Y_3710	ppm	32.55	2.343	7.198	34.21	30.89
Mn2576	257.610	{1 Y_3600	ppm	1.074	0.0535	4.978	1.037	1.112
Mn2576-2	257.610	{1 Y_3710	ppm	1.12	0.0871	7.784	1.181	1.058
Mo2020	202.030	{4 Y_2243	ppm	1.012	0.0066	0.6536	1.017	1.008
Na5895	589.592	{ 5 Y_3710	ppm	841.6	26.41	3.138	860.3	822.9
Na8183	818.326	{ 4 Y_3710	ppm	1012	66.75	6.593	1060	965.2
Ni2316	231.604	{4 In2306	ppm	1.028	0.0019	0.1853	1.03	1.027
P_1782	178.284	{4 In2306	ppm	1.397	0.0017	0.1214	1.398	1.396
Pb2203	220.353	{4 In2306	ppm	0.9865	0.005	0.5025	0.99	0.983
S_1820	182.034	{4 Y_2243	ppm	-81380	434.2	0.5335	-81680	-81070
Sb2068	206.833	{4 Y_2243	ppm	1.04	0.0209	2.011	1.055	1.025
Se1960	196.090	{4 Y_2243	ppm	1.222	0.0129	1.057	1.231	1.213
Si2516	251.611	{1 Y_3710	ppm	3.65	0.2468	6.763	3.825	3.476
Sn1899	189.989	{4 In2306	ppm	1.05	0.0017	0.1641	1.052	1.049
Sr4215	421.552	{ 8 Y_3710	ppm	1.983	0.1368	6.897	2.08	1.886
Ti3349	334.904	{1 Y_3600	ppm	1.046	0.0567	5.426	1.006	1.086
Tl1908	190.856	{4 In2306	ppm	0.9635	0.0068	0.7032	0.9683	0.9587
V_2924	292.402	{1 Y_3600	ppm	0.9929	0.049	4.937	0.9583	1.028
Zn2062	206.200	{4 In2306	ppm	1.132	0.0039	0.347	1.134	1.129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	45.74	0.93527	2.0448	46.401	45.079
In2306	230.606	{4 Cts/S	7647.2	13.103	0.17134	7638	7656.5
Y_2243	224.306	{4 Cts/S	11175	49.008	0.43855	11140	11210
Y_3600	360.073	{ 9 Cts/S	90576	3915.1	4.3225	93344	87807
Y_3710	371.030	{ 9 Cts/S	6442.1	338.78	5.2589	6202.5	6681.6

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5239	0.0019	0.3696	0.5253	0.5225
Al3082	308.215	{1 In2306	ppm	10.19	0.7893	7.742	9.636	10.75
As1890	189.042	{4 Y_2243	ppm	1.018	0.0088	0.8673	1.011	1.024
B_2496	249.678	{1 Y_3710	ppm	1.346	0.0805	5.979	1.289	1.403
Ba4554	455.403	{ 7 Y_3710	ppm	1.243	0.0727	5.848	1.192	1.294
Be3130	313.042	{1 Y_3710	ppm	0.4623	0.03	6.496	0.4411	0.4835
Ca3158	315.887	{1 In2306	ppm	60.99	4.539	7.443	57.78	64.2
Ca3181	318.128	{1 In2306	ppm	60.36	4.588	7.601	57.11	63.6
Cd2288	228.802	{4 Y_2243	ppm	0.4829	0.0035	0.7222	0.4804	0.4853
Co2286	228.616	{4 In2306	ppm	0.951	0.0083	0.8736	0.9451	0.9568
Cr2677	267.716	{1 Y_3600	ppm	0.8942	0.0026	0.2916	0.8961	0.8924
Cu3247	324.754	{1 Y_3600	ppm	0.9788	0.007	0.7193	0.9838	0.9738
Fe2404	240.488	{1 In2306	ppm	9.445	0.6883	7.287	8.958	9.931
K_7664	766.490	{ 4 Y_3710	ppm	69.9	4.502	6.44	66.72	73.09
K_7698	769.896	{ 4 Y_3710	ppm	68.82	4.41	6.408	65.7	71.93
Li6707	670.784	{ 5 Y_3710	ppm	1.106	0.0674	6.098	1.058	1.153
Mg2790	279.079	{1 Y_3710	ppm	29.72	1.616	5.438	28.58	30.87
Mn2576	257.610	{1 Y_3600	ppm	0.9839	0.0037	0.3792	0.9866	0.9813
Mn2576-2	257.610	{1 Y_3710	ppm	1.04	0.0653	6.283	0.9933	1.086
Mo2020	202.030	{4 Y_2243	ppm	0.9483	0.0076	0.8028	0.9429	0.9537
Na5895	589.592	{ 5 Y_3710	ppm	768.2	49.52	6.446	733.2	803.2
Na8183	818.326	{ 4 Y_3710	ppm	934.8	57.21	6.12	894.3	975.2
Ni2316	231.604	{4 In2306	ppm	0.9782	0.0093	0.9458	0.9717	0.9848
P_1782	178.284	{4 In2306	ppm	2.456	0.0117	0.4756	2.448	2.465
Pb2203	220.353	{4 In2306	ppm	0.9331	0.0002	0.023	0.9332	0.9329
S_1820	182.034	{4 Y_2243	ppm	-77830	556.7	0.7153	-77430	-78220
Sb2068	206.833	{4 Y_2243	ppm	0.9996	0.0094	0.9394	0.993	1.006
Se1960	196.090	{4 Y_2243	ppm	1.135	0.0135	1.188	1.125	1.144
Si2516	251.611	{1 Y_3710	ppm	4.118	0.329	7.989	3.886	4.351
Sn1899	189.989	{4 In2306	ppm	0.9917	0.01	1.009	0.9846	0.9987
Sr4215	421.552	{ 8 Y_3710	ppm	1.823	0.111	6.09	1.744	1.901
Ti3349	334.904	{1 Y_3600	ppm	0.9401	0.0001	0.0065	0.9401	0.9401
Tl1908	190.856	{4 In2306	ppm	0.9077	0.0034	0.3799	0.9052	0.9101
V_2924	292.402	{1 Y_3600	ppm	0.8927	0.0041	0.4539	0.8956	0.8898
Zn2062	206.200	{4 In2306	ppm	1.067	0.0059	0.5518	1.063	1.071

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.326	2.8623	6.0481	49.35	45.302
In2306	230.606	{4 Cts/S	7694.8	51.672	0.67152	7731.3	7658.3
Y_2243	224.306	{4 Cts/S	11241	77.26	0.68733	11295	11186
Y_3600	360.073	{ 9 Cts/S	94166	366.64	0.38935	93906	94425
Y_3710	371.030	{ 9 Cts/S	6609.6	331.5	5.0154	6844	6375.2

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0004	300	-0.0004	0.0002
Al3082	308.215	{1 In2306	ppm	0.023	0.004	17.33	0.0258	0.0202
As1890	189.042	{4 Y_2243	ppm	0.0106	0.0134	126.4	0.0011	0.02
B_2496	249.678	{1 Y_3710	ppm	0.0798	0.0135	16.86	0.0703	0.0893
Ba4554	455.403	{ 7 Y_3710	ppm	0.0483	0.0001	0.2994	0.0484	0.0482
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	8.047	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	10.34	0.1643	1.588	10.46	10.23
Ca3181	318.128	{1 In2306	ppm	10.36	0.1339	1.293	10.46	10.27
Cd2288	228.802	{4 Y_2243	ppm	0.0061	0.0071	116.4	0.0011	0.0112
Co2286	228.616	{4 In2306	ppm	0.0129	0.015	116.5	0.0023	0.0235
Cr2677	267.716	{1 Y_3600	ppm	0	0.0005	1053	0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0011	0.0002	21.59	0.0009	0.0013
Fe2404	240.488	{1 In2306	ppm	0.0123	0.007	56.82	0.0172	0.0073
K_7664	766.490	{ 4 Y_3710	ppm	12.01	0.0476	0.3959	11.98	12.04
K_7698	769.896	{ 4 Y_3710	ppm	11.64	0.0722	0.6203	11.59	11.69
Li6707	670.784	{ 5 Y_3710	ppm	0.0095	0.0001	1.142	0.0095	0.0096
Mg2790	279.079	{1 Y_3710	ppm	4.107	0.1136	2.765	4.188	4.027
Mn2576	257.610	{1 Y_3600	ppm	0.0177	0.0009	4.85	0.0171	0.0183
Mn2576-2	257.610	{1 Y_3710	ppm	0.0154	0.0019	12.45	0.0168	0.0141
Mo2020	202.030	{4 Y_2243	ppm	0.0231	0.0174	75.28	0.0108	0.0354
Na5895	589.592	{ 5 Y_3710	ppm	176.4	3.938	2.233	179.1	173.6
Na8183	818.326	{ 4 Y_3710	ppm	182.3	0.1723	0.0945	182.4	182.2
Ni2316	231.604	{4 In2306	ppm	0.0139	0.0157	112.8	0.0028	0.025
P_1782	178.284	{4 In2306	ppm	0.2693	0.0267	9.932	0.2504	0.2882
Pb2203	220.353	{4 In2306	ppm	0.0107	0.013	121	0.0015	0.0199
S_1820	182.034	{4 Y_2243	ppm	-16510	646.7	3.917	-16050	-16970
Sb2068	206.833	{4 Y_2243	ppm	0.0264	0.0156	59.06	0.0154	0.0374
Se1960	196.090	{4 Y_2243	ppm	0.0294	0.0127	43.29	0.0204	0.0384
Si2516	251.611	{1 Y_3710	ppm	0.5853	0.0016	0.2674	0.5864	0.5842
Sn1899	189.989	{4 In2306	ppm	0.0161	0.0167	103.4	0.0043	0.0279
Sr4215	421.552	{ 8 Y_3710	ppm	0.2679	0.0005	0.2011	0.2683	0.2675
Ti3349	334.904	{1 Y_3600	ppm	0.0024	0	0.9041	0.0023	0.0024
Tl1908	190.856	{4 In2306	ppm	0.0121	0.0142	117	0.0021	0.0221
V_2924	292.402	{1 Y_3600	ppm	0.0016	0.0001	6.998	0.0017	0.0015
Zn2062	206.200	{4 In2306	ppm	0.0314	0.0158	50.4	0.0202	0.0425

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.631	0.54082	1.1121	48.249	49.014
In2306	230.606	{4 Cts/S	8923.8	23.782	0.2665	8907	8940.7
Y_2243	224.306	{4 Cts/S	12143	27.54	0.2268	12123	12162
Y_3600	360.073	{ 9 Cts/S	100440	3311.5	3.2969	102780	98100
Y_3710	371.030	{ 9 Cts/S	6849.1	16.687	0.24363	6860.9	6837.3

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0003	123.3	0	0.0005
Al3082	308.215	{1 In2306	ppm	-0.0514	0.0478	92.99	-0.0852	-0.0176
As1890	189.042	{4 Y_2243	ppm	-0.0012	0.0007	62.05	-0.0017	-0.0007
B_2496	249.678	{1 Y_3710	ppm	-0.0027	0.0073	269.8	0.0024	-0.0078
Ba4554	455.403	{ 7 Y_3710	ppm	0.0017	0.0001	7.814	0.0018	0.0016
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	44.36	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0102	0.0047	46	-0.0069	-0.0136
Ca3181	318.128	{1 In2306	ppm	0.0872	0.0258	29.54	0.1054	0.069
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0.0003	133.9	0	0.0005
Co2286	228.616	{4 In2306	ppm	0.0005	0.0003	70.5	0.0002	0.0007
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0	12.41	-0.0002	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0014	0.0003	19.41	0.0012	0.0015
Fe2404	240.488	{1 In2306	ppm	0.0127	0.0095	75.01	0.0059	0.0194
K_7664	766.490	{ 4 Y_3710	ppm	0.2309	0.0039	1.675	0.2337	0.2282
K_7698	769.896	{ 4 Y_3710	ppm	0.4531	0.0482	10.64	0.4871	0.419
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	25.13	0.0003	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.037	0.0014	3.886	-0.038	-0.036
Mn2576	257.610	{1 Y_3600	ppm	0.0004	0	3.173	0.0004	0.0004
Mn2576-2	257.610	{1 Y_3710	ppm	0.0001	0.0005	308.5	0.0005	-0.0002
Mo2020	202.030	{4 Y_2243	ppm	0.0011	0.001	92.54	0.0004	0.0018
Na5895	589.592	{ 5 Y_3710	ppm	0.2886	0.0068	2.372	0.2935	0.2838
Na8183	818.326	{ 4 Y_3710	ppm	0.0694	0.2502	360.6	0.2463	-0.1075
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0006	142	0	0.0009
P_1782	178.284	{4 In2306	ppm	0.0013	0.0016	119.4	0.0002	0.0025
Pb2203	220.353	{4 In2306	ppm	0.001	0.0013	135.6	0	0.0019
S_1820	182.034	{4 Y_2243	ppm	-84.17	92.31	109.7	-18.9	-149.4
Sb2068	206.833	{4 Y_2243	ppm	0.0053	0.0014	27.14	0.0043	0.0064
Se1960	196.090	{4 Y_2243	ppm	0.0006	0.0012	187.1	-0.0002	0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0172	0.0108	62.7	0.0248	0.0096
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0007	106.1	0.0002	0.0011
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0	0.296	-0.0003	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0	14.91	0.0002	0.0002
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0002	78.16	0.0001	0.0003
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0002	52.17	-0.0002	-0.0004
Zn2062	206.200	{4 In2306	ppm	0.003	0.0007	23.05	0.0025	0.0035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.891	2.2309	4.4715	51.468	48.313
In2306	230.606	{4 Cts/S	10371	18.122	0.17474	10358	10383
Y_2243	224.306	{4 Cts/S	13137	60.622	0.46145	13095	13180
Y_3600	360.073	{ 9 Cts/S	115660	1781.3	1.5402	116920	114400
Y_3710	371.030	{ 9 Cts/S	6790.7	65.013	0.95737	6836.7	6744.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5001	0.0001	0.023	0.5	0.5001
Al3082	308.215	{1 In2306	ppm	10.22	0.2848	2.787	10.42	10.02
As1890	189.042	{4 Y_2243	ppm	0.9788	0.0008	0.0856	0.9782	0.9794
B_2496	249.678	{1 Y_3710	ppm	1.006	0.0112	1.109	1.014	0.9982
Ba4554	455.403	{ 7 Y_3710	ppm	1.036	0.0095	0.916	1.043	1.03
Be3130	313.042	{1 Y_3710	ppm	0.5024	0.0039	0.7843	0.5052	0.4996
Ca3158	315.887	{1 In2306	ppm	9.53	0.1909	2.004	9.665	9.394
Ca3181	318.128	{1 In2306	ppm	9.374	0.1625	1.733	9.489	9.259
Cd2288	228.802	{4 Y_2243	ppm	0.4779	0.0009	0.1967	0.4772	0.4785
Co2286	228.616	{4 In2306	ppm	0.965	0.0009	0.097	0.9657	0.9644
Cr2677	267.716	{1 Y_3600	ppm	0.9604	0.0031	0.3226	0.9582	0.9626
Cu3247	324.754	{1 Y_3600	ppm	0.9947	0.0052	0.5261	0.9984	0.991
Fe2404	240.488	{1 In2306	ppm	9.556	0.2096	2.194	9.704	9.408
K_7664	766.490	{ 4 Y_3710	ppm	12.07	0.1755	1.454	12.19	11.95
K_7698	769.896	{ 4 Y_3710	ppm	11.35	0.1402	1.235	11.45	11.25
Li6707	670.784	{ 5 Y_3710	ppm	0.5949	0.0103	1.731	0.6022	0.5876
Mg2790	279.079	{1 Y_3710	ppm	9.493	0.1022	1.077	9.565	9.42
Mn2576	257.610	{1 Y_3600	ppm	0.9615	0.001	0.1067	0.9607	0.9622
Mn2576-2	257.610	{1 Y_3710	ppm	0.9772	0.0052	0.5326	0.9809	0.9735
Mo2020	202.030	{4 Y_2243	ppm	1.003	0.0008	0.0823	1.004	1.003
Na5895	589.592	{ 5 Y_3710	ppm	11.83	0.1947	1.646	11.97	11.69
Na8183	818.326	{ 4 Y_3710	ppm	10.64	0.0524	0.4924	10.68	10.61
Ni2316	231.604	{4 In2306	ppm	0.9813	0.0021	0.209	0.9828	0.9799
P_1782	178.284	{4 In2306	ppm	0.0002	0.0007	343	-0.0003	0.0007
Pb2203	220.353	{4 In2306	ppm	0.9794	0.001	0.1066	0.9801	0.9786
S_1820	182.034	{4 Y_2243	ppm	-15.66	5.073	32.4	-12.07	-19.25
Sb2068	206.833	{4 Y_2243	ppm	0.9723	0.001	0.0979	0.973	0.9716
Se1960	196.090	{4 Y_2243	ppm	1.006	0.0016	0.158	1.005	1.007
Si2516	251.611	{1 Y_3710	ppm	0.9119	0.0123	1.352	0.9206	0.9032
Sn1899	189.989	{4 In2306	ppm	1.006	0.0074	0.7343	1.011	1
Sr4215	421.552	{ 8 Y_3710	ppm	0.525	0.004	0.7671	0.5278	0.5221
Ti3349	334.904	{1 Y_3600	ppm	0.9974	0.0002	0.0193	0.9975	0.9972
Tl1908	190.856	{4 In2306	ppm	1.018	0.0041	0.4067	1.021	1.015
V_2924	292.402	{1 Y_3600	ppm	0.9344	0.0009	0.092	0.9337	0.935
Zn2062	206.200	{4 In2306	ppm	0.9438	0.0024	0.2592	0.9455	0.9421

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.012	1.3467	2.7476	48.06	49.964
In2306	230.606	{4 Cts/S	9591.9	35.683	0.37201	9617.2	9566.7
Y_2243	224.306	{4 Cts/S	12700	70.677	0.5565	12750	12650
Y_3600	360.073	{ 9 Cts/S	110010	102.24	0.09294	109940	110080
Y_3710	371.030	{ 9 Cts/S	6703.6	59.91	0.89369	6661.3	6746

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2389	0.0011	0.4582	0.2397	0.2381
Al3082	308.215	{1 In2306	ppm	2.334	0.1919	8.225	2.198	2.469
As1890	189.042	{4 Y_2243	ppm	0.4784	0.0029	0.6084	0.4764	0.4805
B_2496	249.678	{1 Y_3710	ppm	0.4791	0.0068	1.417	0.4743	0.4839
Ba4554	455.403	{ 7 Y_3710	ppm	0.4905	0.0044	0.9029	0.4874	0.4936
Be3130	313.042	{1 Y_3710	ppm	0.4802	0.0052	1.081	0.4765	0.4838
Ca3158	315.887	{1 In2306	ppm	11.69	0.6778	5.8	11.21	12.17
Ca3181	318.128	{1 In2306	ppm	11.52	0.6857	5.952	11.04	12.01
Cd2288	228.802	{4 Y_2243	ppm	0.4686	0.0028	0.5884	0.4666	0.4705
Co2286	228.616	{4 In2306	ppm	0.4796	0.005	1.036	0.4761	0.4831
Cr2677	267.716	{1 Y_3600	ppm	0.4694	0.0012	0.2464	0.4702	0.4685
Cu3247	324.754	{1 Y_3600	ppm	0.4763	0.0037	0.7773	0.4789	0.4737
Fe2404	240.488	{1 In2306	ppm	2.346	0.0961	4.098	2.278	2.414
K_7664	766.490	{ 4 Y_3710	ppm	13.64	0.1433	1.051	13.53	13.74
K_7698	769.896	{ 4 Y_3710	ppm	12.9	0.1438	1.115	12.8	13
Li6707	670.784	{ 5 Y_3710	ppm	0.5317	0.0037	0.7017	0.529	0.5343
Mg2790	279.079	{1 Y_3710	ppm	4.545	0.0336	0.7399	4.521	4.569
Mn2576	257.610	{1 Y_3600	ppm	0.4708	0.0007	0.1563	0.4714	0.4703
Mn2576-2	257.610	{1 Y_3710	ppm	0.4717	0.0077	1.627	0.4663	0.4772
Mo2020	202.030	{4 Y_2243	ppm	0.4986	0.0071	1.416	0.4936	0.5036
Na5895	589.592	{ 5 Y_3710	ppm	13.35	0.1292	0.9676	13.26	13.44
Na8183	818.326	{ 4 Y_3710	ppm	12.42	0.0111	0.0893	12.43	12.41
Ni2316	231.604	{4 In2306	ppm	0.4879	0.0048	0.9816	0.4845	0.4913
P_1782	178.284	{4 In2306	ppm	0.0009	0.0001	15.3	0.0008	0.0009
Pb2203	220.353	{4 In2306	ppm	0.4836	0.0028	0.5844	0.4816	0.4856
S_1820	182.034	{4 Y_2243	ppm	-290.9	0.1625	0.0559	-291	-290.7
Sb2068	206.833	{4 Y_2243	ppm	0.501	0.0009	0.1708	0.5004	0.5016
Se1960	196.090	{4 Y_2243	ppm	0.499	0.0061	1.225	0.4947	0.5034
Si2516	251.611	{1 Y_3710	ppm	0.9001	0.0057	0.6317	0.8961	0.9041
Sn1899	189.989	{4 In2306	ppm	0.4993	0.0046	0.9299	0.496	0.5026
Sr4215	421.552	{ 8 Y_3710	ppm	0.251	0.0017	0.6769	0.2498	0.2522
Ti3349	334.904	{1 Y_3600	ppm	0.4909	0.0005	0.1107	0.4913	0.4905
Tl1908	190.856	{4 In2306	ppm	0.5093	0.01	1.97	0.5022	0.5164
V_2924	292.402	{1 Y_3600	ppm	0.4585	0.0012	0.2688	0.4593	0.4576
Zn2062	206.200	{4 In2306	ppm	0.4701	0.0027	0.5823	0.4682	0.4721

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.253	2.4419	4.8592	51.98	48.526
In2306	230.606	{4 Cts/S	9607	67.405	0.70163	9654.7	9559.3
Y_2243	224.306	{4 Cts/S	12671	110.12	0.86907	12749	12593
Y_3600	360.073	{ 9 Cts/S	110370	471.24	0.42697	110030	110700
Y_3710	371.030	{ 9 Cts/S	6890.8	50.913	0.73885	6926.8	6854.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0051	0.0001	1.062	0.005	0.0051
Al3082	308.215	{1 In2306	ppm	0.0393	0.0962	244.8	0.1073	-0.0287
As1890	189.042	{4 Y_2243	ppm	0.0078	0.0001	1.02	0.0078	0.0079
B_2496	249.678	{1 Y_3710	ppm	0.0019	0.0109	588	0.0096	-0.0059
Ba4554	455.403	{ 7 Y_3710	ppm	0.0093	0.0001	0.5676	0.0093	0.0092
Be3130	313.042	{1 Y_3710	ppm	0.0046	0.0003	5.691	0.0048	0.0044
Ca3158	315.887	{1 In2306	ppm	0.094	0.035	37.28	0.1187	0.0692
Ca3181	318.128	{1 In2306	ppm	0.0326	0.0502	154	-0.0029	0.0681
Cd2288	228.802	{4 Y_2243	ppm	0.0049	0.0005	10.31	0.0045	0.0052
Co2286	228.616	{4 In2306	ppm	0.0094	0.0006	6.773	0.0089	0.0098
Cr2677	267.716	{1 Y_3600	ppm	0.0099	0.001	10.34	0.0092	0.0106
Cu3247	324.754	{1 Y_3600	ppm	0.0102	0.0006	6.253	0.0098	0.0107
Fe2404	240.488	{1 In2306	ppm	0.0928	0.0308	33.16	0.1146	0.0711
K_7664	766.490	{ 4 Y_3710	ppm	0.7623	0.0632	8.294	0.807	0.7176
K_7698	769.896	{ 4 Y_3710	ppm	0.9104	0.0562	6.168	0.9502	0.8707
Li6707	670.784	{ 5 Y_3710	ppm	0.0107	0.0008	7.707	0.0113	0.0101
Mg2790	279.079	{1 Y_3710	ppm	0.0224	0.0558	249.2	0.0618	-0.0171
Mn2576	257.610	{1 Y_3600	ppm	0.0101	0.0008	7.655	0.0096	0.0107
Mn2576-2	257.610	{1 Y_3710	ppm	0.0089	0.0006	6.502	0.0085	0.0093
Mo2020	202.030	{4 Y_2243	ppm	0.011	0.0008	7.339	0.0105	0.0116
Na5895	589.592	{ 5 Y_3710	ppm	0.7381	0.0455	6.17	0.7703	0.7059
Na8183	818.326	{ 4 Y_3710	ppm	0.631	0.0011	0.171	0.6303	0.6318
Ni2316	231.604	{4 In2306	ppm	0.0097	0.0008	8.758	0.0091	0.0103
P_1782	178.284	{4 In2306	ppm	0.0083	0.0011	12.96	0.0091	0.0076
Pb2203	220.353	{4 In2306	ppm	0.0109	0.0002	1.943	0.0111	0.0108
S_1820	182.034	{4 Y_2243	ppm	-8.244	0.5804	7.04	-7.834	-8.654
Sb2068	206.833	{4 Y_2243	ppm	0.019	0.0013	6.738	0.0181	0.0199
Se1960	196.090	{4 Y_2243	ppm	0.0092	0.0005	5.682	0.0096	0.0089
Si2516	251.611	{1 Y_3710	ppm	0.0302	0.0039	13.02	0.033	0.0274
Sn1899	189.989	{4 In2306	ppm	0.0105	0.0006	5.963	0.01	0.0109
Sr4215	421.552	{ 8 Y_3710	ppm	0.0045	0.0001	3.069	0.0046	0.0044
Ti3349	334.904	{1 Y_3600	ppm	0.0113	0.0008	6.896	0.0107	0.0118
Tl1908	190.856	{4 In2306	ppm	0.0096	0.0005	5.262	0.0099	0.0092
V_2924	292.402	{1 Y_3600	ppm	0.0091	0.0009	10.38	0.0084	0.0098
Zn2062	206.200	{4 In2306	ppm	0.0092	0.0005	5.888	0.0088	0.0095

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.958	1.7215	3.3133	50.741	53.176
In2306	230.606	{4 Cts/S	10318	94.383	0.9147	10385	10252
Y_2243	224.306	{4 Cts/S	13089	133.78	1.0221	13184	12995
Y_3600	360.073	{ 9 Cts/S	109580	6895.3	6.2924	114460	104710
Y_3710	371.030	{ 9 Cts/S	7067.7	218.84	3.0964	6913	7222.4

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Custom ID1=
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Custom ID3=
Run Time=1/14/2012 14:23:50
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0	16.28	-0.0001	-0.0002
Al3082	308.215	{1 In2306	ppm	-0.0113	0.0157	139.5	-0.0002	-0.0224
As1890	189.042	{4 Y_2243	ppm	-0.0011	0.0003	25.1	-0.0009	-0.0013
B_2496	249.678	{1 Y_3710	ppm	-0.0099	0	0.0603	-0.0099	-0.0099
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0003	102.6	-0.0005	-0.0001
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	96.72	-0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.0098	0.0121	124.1	-0.0183	-0.0012
Ca3181	318.128	{1 In2306	ppm	0.0042	0.1218	2918	-0.082	0.0903
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	263.1	-0.0001	0
Co2286	228.616	{4 In2306	ppm	0.0001	0	40.2	0.0001	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0005	281.3	0.0002	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0002	158.1	0.0002	0
Fe2404	240.488	{1 In2306	ppm	0.0038	0.0022	59.37	0.0053	0.0022
K_7664	766.490	{ 4 Y_3710	ppm	0.1301	0.0075	5.746	0.1354	0.1249
K_7698	769.896	{ 4 Y_3710	ppm	0.2908	0.0192	6.607	0.3044	0.2772
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	50.27	0.0002	0.0003
Mg2790	279.079	{1 Y_3710	ppm	-0.0093	0.031	332.6	-0.0313	0.0126
Mn2576	257.610	{1 Y_3600	ppm	0	0	440.6	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0005	0.0008	163.4	-0.001	0.0001
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0	18.15	0.0002	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.1083	0.003	2.773	0.1062	0.1104
Na8183	818.326	{ 4 Y_3710	ppm	0.476	0.0838	17.6	0.5352	0.4168
Ni2316	231.604	{4 In2306	ppm	0	0	27.2	0	0.0001
P_1782	178.284	{4 In2306	ppm	-0.0003	0.0004	114.6	-0.0006	-0.0001
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0003	40.8	0.0005	0.0009
S_1820	182.034	{4 Y_2243	ppm	-6.773	0.1321	1.95	-6.867	-6.68
Sb2068	206.833	{4 Y_2243	ppm	0.0029	0	1.065	0.0028	0.0029
Se1960	196.090	{4 Y_2243	ppm	-0.0001	0.001	687.3	-0.0008	0.0006
Si2516	251.611	{1 Y_3710	ppm	0.0001	0.0167	22130	-0.0117	0.0119
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0004	511.5	-0.0002	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0.0001	36.12	-0.0003	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0003	0.0003	106.3	-0.0001	-0.0006
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0006	128.3	0	-0.0008
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0005	189.5	-0.0006	0.0001
Zn2062	206.200	{4 In2306	ppm	0	0.0001	163.6	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.084	0.57694	1.152	50.492	49.676
In2306	230.606	{4 Cts/S	10268	171.8	1.6731	10390	10147
Y_2243	224.306	{4 Cts/S	12935	224.31	1.7341	13093	12776
Y_3600	360.073	{ 9 Cts/S	113270	48.231	0.04258	113230	113300
Y_3710	371.030	{ 9 Cts/S	6820.8	26.542	0.38913	6802.1	6839.6

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:26:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0	76.95	0	0
Al3082	308.215	{1 In2306	ppm	0.1634	0.0203	12.41	0.1491	0.1778
As1890	189.042	{4 Y_2243	ppm	-0.0005	0.0008	149.1	-0.001	0
B_2496	249.678	{1 Y_3710	ppm	-0.0045	0.0078	172.9	0.001	-0.01
Ba4554	455.403	{ 7 Y_3710	ppm	0.0054	0.0001	1.068	0.0054	0.0055
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	1019	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	2.125	0.0701	3.299	2.076	2.175
Ca3181	318.128	{1 In2306	ppm	2.181	0.0176	0.8056	2.169	2.194
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	7.231	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	17.01	0.0002	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0002	0	6.246	0.0003	0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0007	0.0002	35.49	0.0005	0.0009
Fe2404	240.488	{1 In2306	ppm	0.2699	0.0197	7.3	0.2559	0.2838
K_7664	766.490	{ 4 Y_3710	ppm	0.3324	0.009	2.707	0.3388	0.326
K_7698	769.896	{ 4 Y_3710	ppm	0.4736	0.0373	7.873	0.4473	0.5
Li6707	670.784	{ 5 Y_3710	ppm	0	0.0003	841.7	-0.0002	0.0003
Mg2790	279.079	{1 Y_3710	ppm	0.0912	0.0009	0.9325	0.0918	0.0906
Mn2576	257.610	{1 Y_3600	ppm	0.0111	0.0001	1.332	0.0112	0.011
Mn2576-2	257.610	{1 Y_3710	ppm	0.0112	0.0008	7.387	0.0117	0.0106
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0001	30.93	0.0004	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.3444	0.006	1.746	0.3402	0.3487
Na8183	818.326	{ 4 Y_3710	ppm	0.4255	0.1119	26.31	0.5047	0.3463
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0002	31.4	0.0006	0.0004
P_1782	178.284	{4 In2306	ppm	0.0168	0.0003	1.964	0.0166	0.017
Pb2203	220.353	{4 In2306	ppm	0.0113	0.0003	2.299	0.0115	0.0111
S_1820	182.034	{4 Y_2243	ppm	-36.86	0.3331	0.9039	-36.62	-37.09
Sb2068	206.833	{4 Y_2243	ppm	0.0018	0.0007	41.16	0.0013	0.0023
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0	13.38	-0.0002	-0.0002
Si2516	251.611	{1 Y_3710	ppm	0.3417	0.0225	6.587	0.3576	0.3258
Sn1899	189.989	{4 In2306	ppm	0	0.0001	113.6	0.0001	0
Sr4215	421.552	{ 8 Y_3710	ppm	0.0058	0.0002	3.459	0.0057	0.006
Ti3349	334.904	{1 Y_3600	ppm	0.0061	0.0004	5.979	0.0064	0.0059
Tl1908	190.856	{4 In2306	ppm	-0.0002	0.0003	150	0	-0.0005
V_2924	292.402	{1 Y_3600	ppm	0.0005	0.0003	58.18	0.0003	0.0007
Zn2062	206.200	{4 In2306	ppm	0.0044	0	0.4811	0.0044	0.0043

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.223	0.22485	0.46628	48.382	48.064
In2306	230.606	{4 Cts/S	10282	93.604	0.91035	10348	10216
Y_2243	224.306	{4 Cts/S	13031	126.94	0.97411	13121	12941
Y_3600	360.073	{ 9 Cts/S	112590	825.46	0.73314	112010	113180
Y_3710	371.030	{ 9 Cts/S	6812.7	161.08	2.3644	6926.6	6698.8

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:29:14
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	157.8	-0.0001	0
Al3082	308.215	{1 In2306	ppm	0.2112	0.0444	21.01	0.1798	0.2426
As1890	189.042	{4 Y_2243	ppm	-0.0014	0.0001	5.57	-0.0014	-0.0015
B_2496	249.678	{1 Y_3710	ppm	-0.0108	0.0031	29.05	-0.0131	-0.0086
Ba4554	455.403	{ 7 Y_3710	ppm	0.0027	0	0.195	0.0028	0.0027
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0002	81.07	0.0004	0.0001
Ca3158	315.887	{1 In2306	ppm	2.066	0.0546	2.642	2.028	2.105
Ca3181	318.128	{1 In2306	ppm	2.01	0.0181	0.9021	1.997	2.023
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	22.34	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	13.29	0.0003	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0003	0.0004	129.3	0	0.0006
Cu3247	324.754	{1 Y_3600	ppm	0.0009	0.0001	11.88	0.0009	0.001
Fe2404	240.488	{1 In2306	ppm	0.2465	0.0043	1.737	0.2495	0.2434
K_7664	766.490	{ 4 Y_3710	ppm	0.3005	0.0095	3.15	0.3072	0.2938
K_7698	769.896	{ 4 Y_3710	ppm	0.4193	0.1046	24.94	0.4932	0.3453
Li6707	670.784	{ 5 Y_3710	ppm	0.0001	0.0005	622	0.0005	-0.0003
Mg2790	279.079	{1 Y_3710	ppm	0.0737	0.0339	45.95	0.0977	0.0498
Mn2576	257.610	{1 Y_3600	ppm	0.011	0.0001	1.267	0.0109	0.0111
Mn2576-2	257.610	{1 Y_3710	ppm	0.0129	0.0049	38.08	0.0164	0.0094
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	36.62	0.0003	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.2696	0.0125	4.654	0.2785	0.2607
Na8183	818.326	{ 4 Y_3710	ppm	0.3413	0.0182	5.326	0.3542	0.3285
Ni2316	231.604	{4 In2306	ppm	0.0003	0.0001	27.18	0.0004	0.0002
P_1782	178.284	{4 In2306	ppm	0.0157	0	0.1938	0.0157	0.0158
Pb2203	220.353	{4 In2306	ppm	0.0105	0.0006	5.926	0.01	0.0109
S_1820	182.034	{4 Y_2243	ppm	-28.61	0.1336	0.4668	-28.71	-28.52
Sb2068	206.833	{4 Y_2243	ppm	0.0005	0.0014	264	-0.0005	0.0015
Se1960	196.090	{4 Y_2243	ppm	0.001	0.0003	26.56	0.0012	0.0009
Si2516	251.611	{1 Y_3710	ppm	0.2741	0.0143	5.21	0.2842	0.264
Sn1899	189.989	{4 In2306	ppm	0.0002	0	16.77	0.0002	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0058	0.0001	2.222	0.0057	0.0059
Ti3349	334.904	{1 Y_3600	ppm	0.0039	0.0003	7.747	0.0037	0.0041
Tl1908	190.856	{4 In2306	ppm	-0.001	0.0003	28.22	-0.0012	-0.0008
V_2924	292.402	{1 Y_3600	ppm	0.0004	0	0.5065	0.0004	0.0004
Zn2062	206.200	{4 In2306	ppm	0.0039	0	0.8418	0.0038	0.0039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.436	1.1462	2.3186	50.246	48.625
In2306	230.606	{4 Cts/S	10207	21.377	0.20944	10192	10222
Y_2243	224.306	{4 Cts/S	12891	26.445	0.20515	12872	12909
Y_3600	360.073	{ 9 Cts/S	111020	1398.7	1.2598	112010	110030
Y_3710	371.030	{ 9 Cts/S	6901.7	45.839	0.66417	6869.3	6934.1

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Custom ID3=
Run Time=1/14/2012 14:31:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4881	0.0025	0.5211	0.4899	0.4863
Al3082	308.215	{1 In2306	ppm	10.03	0.494	4.926	9.679	10.38
As1890	189.042	{4 Y_2243	ppm	0.9701	0.0112	1.156	0.978	0.9622
B_2496	249.678	{1 Y_3710	ppm	0.9827	0.047	4.78	0.9495	1.016
Ba4554	455.403	{ 7 Y_3710	ppm	1.002	0.0396	3.955	0.9743	1.03
Be3130	313.042	{1 Y_3710	ppm	0.4879	0.0208	4.264	0.4732	0.5026
Ca3158	315.887	{1 In2306	ppm	11.2	0.5335	4.765	10.82	11.57
Ca3181	318.128	{1 In2306	ppm	11.09	0.4975	4.486	10.74	11.44
Cd2288	228.802	{4 Y_2243	ppm	0.4746	0.0048	1.005	0.4779	0.4712
Co2286	228.616	{4 In2306	ppm	0.9552	0.0109	1.141	0.9629	0.9475
Cr2677	267.716	{1 Y_3600	ppm	0.9477	0.012	1.27	0.9562	0.9392
Cu3247	324.754	{1 Y_3600	ppm	0.9586	0.0016	0.1652	0.9597	0.9574
Fe2404	240.488	{1 In2306	ppm	9.477	0.5371	5.668	9.097	9.857
K_7664	766.490	{ 4 Y_3710	ppm	11.84	0.4975	4.203	11.49	12.19
K_7698	769.896	{ 4 Y_3710	ppm	11.22	0.4893	4.361	10.87	11.57
Li6707	670.784	{ 5 Y_3710	ppm	0.5802	0.0259	4.459	0.5619	0.5985
Mg2790	279.079	{1 Y_3710	ppm	9.429	0.2447	2.595	9.256	9.602
Mn2576	257.610	{1 Y_3600	ppm	0.9483	0.005	0.5287	0.9518	0.9448
Mn2576-2	257.610	{1 Y_3710	ppm	0.9601	0.0397	4.135	0.932	0.9882
Mo2020	202.030	{4 Y_2243	ppm	0.9939	0.0137	1.382	1.004	0.9842
Na5895	589.592	{ 5 Y_3710	ppm	11.62	0.5171	4.45	11.25	11.99
Na8183	818.326	{ 4 Y_3710	ppm	10.67	0.4796	4.493	10.33	11.01
Ni2316	231.604	{4 In2306	ppm	0.9699	0.0106	1.092	0.9774	0.9624
P_1782	178.284	{4 In2306	ppm	0.0166	0.0003	1.652	0.0164	0.0168
Pb2203	220.353	{4 In2306	ppm	0.9794	0.0081	0.8285	0.9851	0.9736
S_1820	182.034	{4 Y_2243	ppm	-29.07	0.2261	0.7776	-29.23	-28.91
Sb2068	206.833	{4 Y_2243	ppm	0.9625	0.0159	1.648	0.9737	0.9513
Se1960	196.090	{4 Y_2243	ppm	0.9976	0.0064	0.6443	1.002	0.9931
Si2516	251.611	{1 Y_3710	ppm	1.203	0.0625	5.195	1.159	1.247
Sn1899	189.989	{4 In2306	ppm	0.9941	0.0125	1.257	1.003	0.9853
Sr4215	421.552	{ 8 Y_3710	ppm	0.5121	0.0208	4.067	0.4974	0.5268
Ti3349	334.904	{1 Y_3600	ppm	0.9771	0.0074	0.7568	0.9824	0.9719
Tl1908	190.856	{4 In2306	ppm	1.007	0.0149	1.482	1.018	0.9965
V_2924	292.402	{1 Y_3600	ppm	0.908	0.0016	0.1779	0.9091	0.9068
Zn2062	206.200	{4 In2306	ppm	0.9299	0.01	1.077	0.937	0.9228

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.352	2.0938	4.1583	51.833	48.872
In2306	230.606	{4 Cts/S	9592	0.459	0.00479	9592.4	9591.7
Y_2243	224.306	{4 Cts/S	12682	10.415	0.08213	12689	12674
Y_3600	360.073	{ 9 Cts/S	111540	163.75	0.14681	111420	111650
Y_3710	371.030	{ 9 Cts/S	6860.9	252.19	3.6757	7039.2	6682.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4947	0.0032	0.6416	0.4925	0.497
Al3082	308.215	{1 In2306	ppm	10.22	0.1221	1.195	10.31	10.13
As1890	189.042	{4 Y_2243	ppm	0.9986	0.0097	0.9693	0.9917	1.005
B_2496	249.678	{1 Y_3710	ppm	1.016	0.0112	1.106	1.024	1.009
Ba4554	455.403	{ 7 Y_3710	ppm	1.029	0.0057	0.5531	1.033	1.025
Be3130	313.042	{1 Y_3710	ppm	0.5035	0.0026	0.5145	0.5054	0.5017
Ca3158	315.887	{1 In2306	ppm	11.48	0.1687	1.469	11.6	11.36
Ca3181	318.128	{1 In2306	ppm	11.24	0.3109	2.766	11.46	11.02
Cd2288	228.802	{4 Y_2243	ppm	0.4896	0.0021	0.4218	0.4881	0.491
Co2286	228.616	{4 In2306	ppm	0.9855	0.0038	0.3825	0.9828	0.9881
Cr2677	267.716	{1 Y_3600	ppm	0.9597	0.0069	0.7155	0.9549	0.9646
Cu3247	324.754	{1 Y_3600	ppm	0.9794	0.0093	0.9498	0.9728	0.986
Fe2404	240.488	{1 In2306	ppm	9.661	0.0678	0.7015	9.709	9.613
K_7664	766.490	{ 4 Y_3710	ppm	12.1	0.1144	0.9455	12.18	12.02
K_7698	769.896	{ 4 Y_3710	ppm	11.29	0.0992	0.8785	11.36	11.22
Li6707	670.784	{ 5 Y_3710	ppm	0.5899	0.0062	1.051	0.5943	0.5856
Mg2790	279.079	{1 Y_3710	ppm	9.774	0.0768	0.7859	9.828	9.72
Mn2576	257.610	{1 Y_3600	ppm	0.9584	0.0049	0.5102	0.955	0.9619
Mn2576-2	257.610	{1 Y_3710	ppm	0.9972	0.009	0.9057	1.004	0.9908
Mo2020	202.030	{4 Y_2243	ppm	1.028	0.0044	0.4238	1.025	1.031
Na5895	589.592	{ 5 Y_3710	ppm	11.81	0.1204	1.019	11.9	11.73
Na8183	818.326	{ 4 Y_3710	ppm	10.77	0.0982	0.9118	10.7	10.84
Ni2316	231.604	{4 In2306	ppm	1.003	0.0044	0.4375	0.9998	1.006
P_1782	178.284	{4 In2306	ppm	0.0175	0.0006	3.655	0.018	0.0171
Pb2203	220.353	{4 In2306	ppm	1.007	0.0046	0.4588	1.003	1.01
S_1820	182.034	{4 Y_2243	ppm	-29.84	0.0563	0.1887	-29.88	-29.8
Sb2068	206.833	{4 Y_2243	ppm	1.006	0	0.0009	1.006	1.006
Se1960	196.090	{4 Y_2243	ppm	1.029	0.0032	0.3152	1.026	1.031
Si2516	251.611	{1 Y_3710	ppm	1.27	0.0235	1.852	1.287	1.254
Sn1899	189.989	{4 In2306	ppm	1.026	0.0052	0.5048	1.022	1.029
Sr4215	421.552	{ 8 Y_3710	ppm	0.5282	0.0038	0.7172	0.5309	0.5255
Ti3349	334.904	{1 Y_3600	ppm	0.9948	0.0018	0.1794	0.9961	0.9936
Tl1908	190.856	{4 In2306	ppm	1.041	0.0016	0.1577	1.04	1.042
V_2924	292.402	{1 Y_3600	ppm	0.9206	0.0053	0.5705	0.9169	0.9243
Zn2062	206.200	{4 In2306	ppm	0.9603	0.0032	0.3297	0.958	0.9625

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.08	0.4756	0.94969	49.744	50.416
In2306	230.606	{4 Cts/S	9458.9	46.973	0.4966	9492.1	9425.7
Y_2243	224.306	{4 Cts/S	12512	60.759	0.48559	12555	12469
Y_3600	360.073	{ 9 Cts/S	110610	519.96	0.47008	110980	110240
Y_3710	371.030	{ 9 Cts/S	6736.6	52.665	0.78177	6699.4	6773.8

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0003	3127	-0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	0.8902	0.0012	0.1369	0.8911	0.8893
As1890	189.042	{4 Y_2243	ppm	0.0117	0.0063	53.79	0.0072	0.0161
B_2496	249.678	{1 Y_3710	ppm	0.3394	0.0258	7.616	0.3211	0.3577
Ba4554	455.403	{ 7 Y_3710	ppm	0.1057	0.0062	5.856	0.1013	0.11
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	89.96	0.0003	0.0001
Ca3158	315.887	{1 In2306	ppm	60.86	1.856	3.05	59.54	62.17
Ca3181	318.128	{1 In2306	ppm	59.72	1.954	3.273	58.33	61.1
Cd2288	228.802	{4 Y_2243	ppm	0.0037	0.0042	115.9	0.0007	0.0066
Co2286	228.616	{4 In2306	ppm	0.0097	0.009	93.11	0.0033	0.016
Cr2677	267.716	{1 Y_3600	ppm	0.0021	0.0002	9.92	0.0022	0.0019
Cu3247	324.754	{1 Y_3600	ppm	0.0847	0.0008	0.9375	0.0853	0.0842
Fe2404	240.488	{1 In2306	ppm	0.5684	0.0151	2.654	0.5577	0.579
K_7664	766.490	{ 4 Y_3710	ppm	13.21	0.4106	3.108	12.92	13.5
K_7698	769.896	{ 4 Y_3710	ppm	12.59	0.5555	4.414	12.19	12.98
Li6707	670.784	{ 5 Y_3710	ppm	0.0157	0.0006	3.653	0.0153	0.0161
Mg2790	279.079	{1 Y_3710	ppm	7.314	0.543	7.425	6.93	7.698
Mn2576	257.610	{1 Y_3600	ppm	0.4551	0.0003	0.0613	0.4553	0.4549
Mn2576-2	257.610	{1 Y_3710	ppm	0.4553	0.0304	6.676	0.4339	0.4768
Mo2020	202.030	{4 Y_2243	ppm	0.0177	0.0104	58.59	0.0104	0.0251
Na5895	589.592	{ 5 Y_3710	ppm	223.3	23.19	10.39	206.9	239.6
Na8183	818.326	{ 4 Y_3710	ppm	227.2	11.84	5.212	218.8	235.6
Ni2316	231.604	{4 In2306	ppm	0.0147	0.0087	58.78	0.0086	0.0209
P_1782	178.284	{4 In2306	ppm	0.549	0.0299	5.454	0.5701	0.5278
Pb2203	220.353	{4 In2306	ppm	0.0079	0.0069	88.06	0.003	0.0128
S_1820	182.034	{4 Y_2243	ppm	-13080	619.5	4.736	-13520	-12640
Sb2068	206.833	{4 Y_2243	ppm	0.0256	0.0095	37.03	0.0189	0.0323
Se1960	196.090	{4 Y_2243	ppm	0.0066	0.0062	93.6	0.0022	0.011
Si2516	251.611	{1 Y_3710	ppm	3.983	0.2329	5.848	3.818	4.147
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0105	96.68	0.0034	0.0182
Sr4215	421.552	{ 8 Y_3710	ppm	0.5061	0.0318	6.286	0.4836	0.5286
Ti3349	334.904	{1 Y_3600	ppm	0.0051	0	0.1582	0.0051	0.0051
Tl1908	190.856	{4 In2306	ppm	0.0074	0.0093	125.6	0.0008	0.014
V_2924	292.402	{1 Y_3600	ppm	0.0023	0.0004	19.29	0.0026	0.002
Zn2062	206.200	{4 In2306	ppm	0.1866	0.0009	0.5061	0.1872	0.1859

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.507	0.05807	0.11971	48.548	48.466
In2306	230.606	{4 Cts/S	8733.6	289.56	3.3155	8528.8	8938.3
Y_2243	224.306	{4 Cts/S	12077	382.57	3.1679	11806	12347
Y_3600	360.073	{ 9 Cts/S	101750	118	0.11597	101670	101840
Y_3710	371.030	{ 9 Cts/S	6831.1	331.84	4.8577	7065.8	6596.5

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:39:31
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0	10.09	0.0001	0.0001
Al3082	308.215	{1 In2306	ppm	1.898	0.0315	1.661	1.876	1.92
As1890	189.042	{4 Y_2243	ppm	0.0003	0.0006	180	0.0008	-0.0001
B_2496	249.678	{1 Y_3710	ppm	0.0554	0.0062	11.18	0.0511	0.0598
Ba4554	455.403	{ 7 Y_3710	ppm	0.0277	0.0017	6.053	0.0265	0.0288
Be3130	313.042	{1 Y_3710	ppm	0.0002	0	19.31	0.0002	0.0002
Ca3158	315.887	{1 In2306	ppm	27.73	1.324	4.773	26.8	28.67
Ca3181	318.128	{1 In2306	ppm	27.52	1.517	5.513	26.45	28.59
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0.0001	40.77	0.0002	0.0004
Co2286	228.616	{4 In2306	ppm	0.0007	0.0003	36.28	0.0006	0.0009
Cr2677	267.716	{1 Y_3600	ppm	0.0071	0.0006	8.908	0.0075	0.0066
Cu3247	324.754	{1 Y_3600	ppm	0.0076	0.001	12.86	0.0083	0.0069
Fe2404	240.488	{1 In2306	ppm	1.429	0.1407	9.85	1.329	1.528
K_7664	766.490	{ 4 Y_3710	ppm	1.163	0.1059	9.107	1.088	1.238
K_7698	769.896	{ 4 Y_3710	ppm	1.256	0.0696	5.536	1.207	1.306
Li6707	670.784	{ 5 Y_3710	ppm	0.0024	0.0004	15.44	0.0021	0.0026
Mg2790	279.079	{1 Y_3710	ppm	0.7332	0.0439	5.992	0.7022	0.7643
Mn2576	257.610	{1 Y_3600	ppm	0.0342	0.0028	8.243	0.0362	0.0322
Mn2576-2	257.610	{1 Y_3710	ppm	0.0358	0.0039	10.81	0.0331	0.0386
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0005	21.95	0.002	0.0027
Na5895	589.592	{ 5 Y_3710	ppm	1.224	0.0704	5.748	1.175	1.274
Na8183	818.326	{ 4 Y_3710	ppm	1.177	0.0166	1.412	1.165	1.189
Ni2316	231.604	{4 In2306	ppm	0.0015	0.0001	9.823	0.0014	0.0016
P_1782	178.284	{4 In2306	ppm	0.2473	0.0004	0.1523	0.247	0.2476
Pb2203	220.353	{4 In2306	ppm	0.0108	0.0001	1.123	0.0107	0.0109
S_1820	182.034	{4 Y_2243	ppm	-279.6	39.21	14.03	-251.8	-307.3
Sb2068	206.833	{4 Y_2243	ppm	0.0082	0.0004	5.333	0.0086	0.0079
Se1960	196.090	{4 Y_2243	ppm	0.001	0.002	198.1	0.0024	-0.0004
Si2516	251.611	{1 Y_3710	ppm	4.611	0.3877	8.407	4.337	4.885
Sn1899	189.989	{4 In2306	ppm	0.0016	0.0003	21.1	0.0014	0.0019
Sr4215	421.552	{ 8 Y_3710	ppm	0.042	0.0031	7.278	0.0399	0.0442
Ti3349	334.904	{1 Y_3600	ppm	0.073	0.0075	10.25	0.0783	0.0677
Tl1908	190.856	{4 In2306	ppm	0.0009	0.0007	75	0.0014	0.0004
V_2924	292.402	{1 Y_3600	ppm	0.0039	0.0002	5.148	0.0037	0.004
Zn2062	206.200	{4 In2306	ppm	0.5839	0.0035	0.5909	0.5864	0.5815

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.247	1.4013	3.03	47.238	45.256
In2306	230.606	{4 Cts/S	9800.5	13.733	0.14013	9810.2	9790.8
Y_2243	224.306	{4 Cts/S	12640	11.887	0.09404	12649	12632
Y_3600	360.073	{ 9 Cts/S	112660	6936	6.1565	107760	117570
Y_3710	371.030	{ 9 Cts/S	6552.8	412	6.2874	6844.1	6261.4

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0005	177.5	0.0007	-0.0001
Al3082	308.215	{1 In2306	ppm	4.005	0.2485	6.204	4.181	3.83
As1890	189.042	{4 Y_2243	ppm	0.0023	0.0001	5.297	0.0024	0.0022
B_2496	249.678	{1 Y_3710	ppm	0.0142	0.0171	119.8	0.0263	0.0022
Ba4554	455.403	{ 7 Y_3710	ppm	0.0679	0.0037	5.411	0.0705	0.0653
Be3130	313.042	{1 Y_3710	ppm	0.0005	0.0004	87.24	0.0002	0.0008
Ca3158	315.887	{1 In2306	ppm	52.77	3.639	6.897	55.34	50.2
Ca3181	318.128	{1 In2306	ppm	52.1	3.633	6.972	54.67	49.53
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	15.63	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0014	0	2.714	0.0014	0.0014
Cr2677	267.716	{1 Y_3600	ppm	0.0085	0.0002	2.576	0.0083	0.0087
Cu3247	324.754	{1 Y_3600	ppm	0.0151	0.0002	1.509	0.0152	0.0149
Fe2404	240.488	{1 In2306	ppm	2.271	0.1633	7.189	2.387	2.156
K_7664	766.490	{ 4 Y_3710	ppm	4.439	0.2452	5.524	4.613	4.266
K_7698	769.896	{ 4 Y_3710	ppm	4.31	0.1731	4.016	4.432	4.187
Li6707	670.784	{ 5 Y_3710	ppm	0.0045	0.0005	10.12	0.0042	0.0048
Mg2790	279.079	{1 Y_3710	ppm	4.518	0.3099	6.86	4.737	4.299
Mn2576	257.610	{1 Y_3600	ppm	0.1595	0.0008	0.4921	0.159	0.1601
Mn2576-2	257.610	{1 Y_3710	ppm	0.159	0.0079	4.979	0.1645	0.1534
Mo2020	202.030	{4 Y_2243	ppm	0.0011	0.0001	9.344	0.001	0.0011
Na5895	589.592	{ 5 Y_3710	ppm	4.305	0.2368	5.5	4.472	4.137
Na8183	818.326	{ 4 Y_3710	ppm	4.031	0.3279	8.135	4.262	3.799
Ni2316	231.604	{4 In2306	ppm	0.0033	0	1.121	0.0033	0.0032
P_1782	178.284	{4 In2306	ppm	0.4294	0.0041	0.9518	0.4323	0.4266
Pb2203	220.353	{4 In2306	ppm	0.0093	0.0017	18.6	0.0105	0.008
S_1820	182.034	{4 Y_2243	ppm	-4678	68.68	1.468	-4726	-4629
Sb2068	206.833	{4 Y_2243	ppm	0.0025	0.0006	22.06	0.0029	0.0021
Se1960	196.090	{4 Y_2243	ppm	0.0001	0.0005	437.3	0.0004	-0.0002
Si2516	251.611	{1 Y_3710	ppm	9.596	0.6125	6.383	10.03	9.163
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	69.58	0.0002	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	0.1221	0.0076	6.253	0.1275	0.1167
Ti3349	334.904	{1 Y_3600	ppm	0.1534	0.0017	1.093	0.1522	0.1545
Tl1908	190.856	{4 In2306	ppm	-0.0008	0.0019	244.1	0.0006	-0.0022
V_2924	292.402	{1 Y_3600	ppm	0.0092	0	0.2108	0.0092	0.0092
Zn2062	206.200	{4 In2306	ppm	0.0919	0.0031	3.413	0.0897	0.0942

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.831	2.7634	5.5456	47.877	51.785
In2306	230.606	{4 Cts/S	9467.1	59.44	0.62785	9425.1	9509.2
Y_2243	224.306	{4 Cts/S	12458	61.079	0.49028	12415	12501
Y_3600	360.073	{ 9 Cts/S	108880	241.38	0.2217	109050	108710
Y_3710	371.030	{ 9 Cts/S	6773.5	332.72	4.9121	6538.2	7008.7

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:44:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0003	208.4	0.0004	-0.0001
Al3082	308.215	{1 In2306	ppm	0.9497	0.0401	4.218	0.9214	0.978
As1890	189.042	{4 Y_2243	ppm	0.0056	0.0009	15.34	0.005	0.0062
B_2496	249.678	{1 Y_3710	ppm	0.3303	0.0205	6.194	0.3158	0.3447
Ba4554	455.403	{ 7 Y_3710	ppm	0.111	0.0003	0.2465	0.1108	0.1112
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	62.13	0.0001	0.0003
Ca3158	315.887	{1 In2306	ppm	62.37	2.027	3.25	63.8	60.94
Ca3181	318.128	{1 In2306	ppm	61.53	2.141	3.479	63.05	60.02
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0	6.058	0.0003	0.0002
Co2286	228.616	{4 In2306	ppm	0.0025	0.0001	2.476	0.0025	0.0025
Cr2677	267.716	{1 Y_3600	ppm	0.0022	0.0002	8.024	0.0021	0.0024
Cu3247	324.754	{1 Y_3600	ppm	0.0866	0.0019	2.194	0.088	0.0853
Fe2404	240.488	{1 In2306	ppm	0.6508	0.018	2.759	0.6635	0.6381
K_7664	766.490	{ 4 Y_3710	ppm	13.31	0.2205	1.656	13.16	13.47
K_7698	769.896	{ 4 Y_3710	ppm	12.76	0.1978	1.55	12.62	12.9
Li6707	670.784	{ 5 Y_3710	ppm	0.0157	0.0003	1.844	0.0155	0.0159
Mg2790	279.079	{1 Y_3710	ppm	7.543	0.0088	0.1161	7.549	7.537
Mn2576	257.610	{1 Y_3600	ppm	0.4598	0.003	0.6553	0.462	0.4577
Mn2576-2	257.610	{1 Y_3710	ppm	0.4658	0.0026	0.5674	0.4677	0.4639
Mo2020	202.030	{4 Y_2243	ppm	0.0075	0.0001	1.823	0.0076	0.0074
Na5895	589.592	{ 5 Y_3710	ppm	226.3	3.055	1.35	224.1	228.4
Na8183	818.326	{ 4 Y_3710	ppm	230.2	1.539	0.6685	229.1	231.3
Ni2316	231.604	{4 In2306	ppm	0.0072	0.0004	4.982	0.0069	0.0074
P_1782	178.284	{4 In2306	ppm	0.5979	0.0013	0.2214	0.5988	0.597
Pb2203	220.353	{4 In2306	ppm	0.0015	0.0009	55.84	0.0009	0.0021
S_1820	182.034	{4 Y_2243	ppm	-13560	34.88	0.2572	-13590	-13540
Sb2068	206.833	{4 Y_2243	ppm	-0.0001	0.0005	637.6	0.0003	-0.0005
Se1960	196.090	{4 Y_2243	ppm	0.0023	0.0011	49.59	0.0015	0.0031
Si2516	251.611	{1 Y_3710	ppm	4.201	0.0038	0.0902	4.198	4.204
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0001	17.99	0.0005	0.0007
Sr4215	421.552	{ 8 Y_3710	ppm	0.5128	0.0026	0.502	0.511	0.5146
Ti3349	334.904	{1 Y_3600	ppm	0.0034	0.0003	9.187	0.0032	0.0037
Tl1908	190.856	{4 In2306	ppm	-0.0009	0.0001	9.148	-0.001	-0.0009
V_2924	292.402	{1 Y_3600	ppm	0.0021	0.0003	13.99	0.0019	0.0023
Zn2062	206.200	{4 In2306	ppm	0.1822	0.0006	0.3168	0.1826	0.1818

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.501	1.1166	2.3022	47.711	49.291
In2306	230.606	{4 Cts/S	8540.1	41.279	0.48335	8569.3	8511
Y_2243	224.306	{4 Cts/S	11747	56.784	0.48339	11787	11707
Y_3600	360.073	{ 9 Cts/S	101440	453.24	0.44681	101120	101760
Y_3710	371.030	{ 9 Cts/S	6791.1	20.499	0.30185	6805.6	6776.6

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0003	216.1	0.0003	-0.0001
Al3082	308.215	{1 In2306	ppm	-0.0024	0.0087	364.3	-0.0086	0.0038
As1890	189.042	{4 Y_2243	ppm	0	0.0015	19850	-0.0011	0.0011
B_2496	249.678	{1 Y_3710	ppm	0.147	0.0159	10.8	0.1358	0.1582
Ba4554	455.403	{ 7 Y_3710	ppm	0.0536	0.0001	0.1748	0.0535	0.0537
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	2501	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	68.53	1.847	2.695	67.23	69.84
Ca3181	318.128	{1 In2306	ppm	67.8	1.606	2.369	66.67	68.94
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	0.0784	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	24.88	0.0003	0.0002
Cr2677	267.716	{1 Y_3600	ppm	0.0004	0.0001	12.49	0.0005	0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0017	0.0002	12.05	0.0018	0.0015
Fe2404	240.488	{1 In2306	ppm	0.1362	0.0231	16.98	0.1198	0.1525
K_7664	766.490	{ 4 Y_3710	ppm	12.24	0.1612	1.318	12.35	12.12
K_7698	769.896	{ 4 Y_3710	ppm	11.89	0.142	1.194	11.99	11.79
Li6707	670.784	{ 5 Y_3710	ppm	0.0131	0.0005	4.069	0.0135	0.0128
Mg2790	279.079	{1 Y_3710	ppm	12.4	0.0545	0.4389	12.44	12.37
Mn2576	257.610	{1 Y_3600	ppm	0.0425	0.0001	0.2359	0.0426	0.0425
Mn2576-2	257.610	{1 Y_3710	ppm	0.043	0.0009	2.165	0.0423	0.0436
Mo2020	202.030	{4 Y_2243	ppm	0.02	0.0004	2.084	0.0203	0.0197
Na5895	589.592	{ 5 Y_3710	ppm	254.6	2.271	0.8918	253	256.2
Na8183	818.326	{ 4 Y_3710	ppm	261.5	1.157	0.4425	262.3	260.7
Ni2316	231.604	{4 In2306	ppm	0.004	0	0.7471	0.0039	0.004
P_1782	178.284	{4 In2306	ppm	0.0695	0.0038	5.399	0.0669	0.0722
Pb2203	220.353	{4 In2306	ppm	0.0003	0.0007	280.9	0.0008	-0.0003
S_1820	182.034	{4 Y_2243	ppm	-21050	448	2.128	-21370	-20730
Sb2068	206.833	{4 Y_2243	ppm	0.0021	0.0001	5.728	0.002	0.0022
Se1960	196.090	{4 Y_2243	ppm	0.0004	0.0009	196.8	-0.0002	0.001
Si2516	251.611	{1 Y_3710	ppm	1.207	0.0104	0.8583	1.199	1.214
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0002	94.34	0.0001	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	0.8461	0.0021	0.2457	0.8476	0.8446
Ti3349	334.904	{1 Y_3600	ppm	0.0018	0	0.4049	0.0018	0.0018
Tl1908	190.856	{4 In2306	ppm	-0.0007	0.0012	187.3	-0.0015	0.0002
V_2924	292.402	{1 Y_3600	ppm	0.0026	0.0002	9.462	0.0024	0.0027
Zn2062	206.200	{4 In2306	ppm	0.0181	0.0014	7.481	0.0172	0.0191

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.608	0.74677	1.5053	50.136	49.08
In2306	230.606	{4 Cts/S	8432.1	111.19	1.3187	8353.5	8510.7
Y_2243	224.306	{4 Cts/S	11607	152.64	1.3151	11499	11715
Y_3600	360.073	{ 9 Cts/S	101120	617.91	0.61106	100680	101560
Y_3710	371.030	{ 9 Cts/S	6782.5	30.862	0.45502	6760.7	6804.3

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=600-48488-A-1-A
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:50:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0048	0.0001	2.115	0.0047	0.0049
Al3082	308.215	{1 In2306	ppm	0.2104	0.0382	18.15	0.2374	0.1834
As1890	189.042	{4 Y_2243	ppm	0.0032	0.001	31.13	0.0039	0.0025
B_2496	249.678	{1 Y_3710	ppm	0.0911	0.0007	0.748	0.0906	0.0916
Ba4554	455.403	{ 7 Y_3710	ppm	0.0475	0.0002	0.3929	0.0474	0.0477
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	130.5	0.0002	0
Ca3158	315.887	{1 In2306	ppm	29.5	0.2371	0.8039	29.33	29.67
Ca3181	318.128	{1 In2306	ppm	29.24	0.412	1.409	28.95	29.54
Cd2288	228.802	{4 Y_2243	ppm	0.0004	0	4.725	0.0004	0.0005
Co2286	228.616	{4 In2306	ppm	0.0008	0	5.066	0.0008	0.0009
Cr2677	267.716	{1 Y_3600	ppm	0.0802	0.0005	0.6281	0.0805	0.0798
Cu3247	324.754	{1 Y_3600	ppm	1.864	0.0139	0.7484	1.874	1.854
Fe2404	240.488	{1 In2306	ppm	2.648	0.0051	0.1945	2.651	2.644
K_7664	766.490	{ 4 Y_3710	ppm	10.05	0.0647	0.6443	10	10.09
K_7698	769.896	{ 4 Y_3710	ppm	10.08	0.0088	0.0872	10.08	10.09
Li6707	670.784	{ 5 Y_3710	ppm	0.0079	0.0002	2.112	0.008	0.0078
Mg2790	279.079	{1 Y_3710	ppm	3.26	0.0465	1.425	3.293	3.227
Mn2576	257.610	{1 Y_3600	ppm	0.0366	0.0002	0.446	0.0367	0.0365
Mn2576-2	257.610	{1 Y_3710	ppm	0.038	0.0018	4.732	0.0367	0.0392
Mo2020	202.030	{4 Y_2243	ppm	0.0112	0.0002	1.385	0.0111	0.0113
Na5895	589.592	{ 5 Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4 Y_3710	ppm	4259	66.69	1.566	4212	4306
Ni2316	231.604	{4 In2306	ppm	0.0796	0.0029	3.627	0.0817	0.0776
P_1782	178.284	{4 In2306	ppm	1.704	0.0466	2.737	1.737	1.671
Pb2203	220.353	{4 In2306	ppm	0.007	0.0017	24.43	0.0082	0.0058
S_1820	182.034	{4 Y_2243	ppm	-33680	187.2	0.5558	-33810	-33540
Sb2068	206.833	{4 Y_2243	ppm	-0.0001	0.0005	506	-0.0005	0.0003
Se1960	196.090	{4 Y_2243	ppm	0.0017	0.0007	40	0.0012	0.0021
Si2516	251.611	{1 Y_3710	ppm	4.205	0.0148	0.3509	4.195	4.216
Sn1899	189.989	{4 In2306	ppm	0.0086	0.0002	2.09	0.0087	0.0085
Sr4215	421.552	{ 8 Y_3710	ppm	0.1956	0.0002	0.1017	0.1955	0.1957
Ti3349	334.904	{1 Y_3600	ppm	0.0017	0.0001	5.738	0.0016	0.0018
Tl1908	190.856	{4 In2306	ppm	-0.0035	0.0003	9.424	-0.0032	-0.0037
V_2924	292.402	{1 Y_3600	ppm	0.0031	0.0003	10.39	0.0034	0.0029
Zn2062	206.200	{4 In2306	ppm	0.2535	0.0066	2.623	0.2582	0.2488

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.384	0.39373	0.84885	46.663	46.106
In2306	230.606	{4 Cts/S	6387.1	46.727	0.73158	6420.2	6354.1
Y_2243	224.306	{4 Cts/S	9717.5	70.166	0.72206	9767.1	9667.9
Y_3600	360.073	{ 9 Cts/S	80316	196.84	0.24508	80177	80455
Y_3710	371.030	{ 9 Cts/S	6591.8	20.885	0.31684	6606.6	6577

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:53:00
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2456	0.0092	3.762	0.2521	0.2391
Al3082	308.215	{1 In2306	ppm	2.293	0.181	7.893	2.165	2.421
As1890	189.042	{4 Y_2243	ppm	0.4736	0.0024	0.5076	0.4753	0.4719
B_2496	249.678	{1 Y_3710	ppm	0.479	0.0155	3.231	0.4899	0.468
Ba4554	455.403	{ 7 Y_3710	ppm	0.4899	0.0013	0.2639	0.4908	0.489
Be3130	313.042	{1 Y_3710	ppm	0.4811	0.0008	0.1573	0.4806	0.4817
Ca3158	315.887	{1 In2306	ppm	11.22	0.7143	6.368	10.71	11.72
Ca3181	318.128	{1 In2306	ppm	11.08	0.643	5.802	10.63	11.54
Cd2288	228.802	{4 Y_2243	ppm	0.4679	0	0.0045	0.4679	0.4679
Co2286	228.616	{4 In2306	ppm	0.471	0.0004	0.0894	0.4707	0.4713
Cr2677	267.716	{1 Y_3600	ppm	0.486	0.0207	4.262	0.5007	0.4714
Cu3247	324.754	{1 Y_3600	ppm	0.4925	0.0107	2.163	0.5	0.485
Fe2404	240.488	{1 In2306	ppm	2.236	0.1557	6.961	2.126	2.346
K_7664	766.490	{ 4 Y_3710	ppm	13.57	0.1254	0.9239	13.66	13.48
K_7698	769.896	{ 4 Y_3710	ppm	12.96	0.0114	0.0882	12.97	12.95
Li6707	670.784	{ 5 Y_3710	ppm	0.5313	0.0053	0.9914	0.535	0.5276
Mg2790	279.079	{1 Y_3710	ppm	4.57	0.0402	0.8804	4.542	4.598
Mn2576	257.610	{1 Y_3600	ppm	0.485	0.0202	4.173	0.4993	0.4707
Mn2576-2	257.610	{1 Y_3710	ppm	0.471	0.0032	0.6831	0.4687	0.4733
Mo2020	202.030	{4 Y_2243	ppm	0.4907	0.0013	0.2703	0.4917	0.4898
Na5895	589.592	{ 5 Y_3710	ppm	13.93	0.1615	1.159	14.05	13.82
Na8183	818.326	{ 4 Y_3710	ppm	12.8	0.1989	1.554	12.94	12.65
Ni2316	231.604	{4 In2306	ppm	0.478	0.0003	0.0673	0.4778	0.4783
P_1782	178.284	{4 In2306	ppm	0.0011	0.0019	179.2	-0.0003	0.0024
Pb2203	220.353	{4 In2306	ppm	0.4749	0.0002	0.0421	0.4747	0.475
S_1820	182.034	{4 Y_2243	ppm	-301.8	23.95	7.937	-284.9	-318.7
Sb2068	206.833	{4 Y_2243	ppm	0.4749	0.0011	0.2403	0.4757	0.4741
Se1960	196.090	{4 Y_2243	ppm	0.491	0.0009	0.1887	0.4904	0.4917
Si2516	251.611	{1 Y_3710	ppm	0.8885	0.0235	2.643	0.8719	0.9051
Sn1899	189.989	{4 In2306	ppm	0.484	0.0008	0.1698	0.4834	0.4846
Sr4215	421.552	{ 8 Y_3710	ppm	0.25	0.0004	0.1594	0.2503	0.2497
Ti3349	334.904	{1 Y_3600	ppm	0.5021	0.0207	4.115	0.5167	0.4875
Tl1908	190.856	{4 In2306	ppm	0.4972	0.0015	0.3012	0.4983	0.4962
V_2924	292.402	{1 Y_3600	ppm	0.4725	0.0182	3.844	0.4853	0.4596
Zn2062	206.200	{4 In2306	ppm	0.4606	0.0008	0.1792	0.46	0.4612

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.281	2.8358	5.424	54.286	50.276
In2306	230.606	{4 Cts/S	9683	47.841	0.49407	9716.8	9649.2
Y_2243	224.306	{4 Cts/S	12705	52.879	0.41621	12742	12667
Y_3600	360.073	{ 9 Cts/S	107720	3151.2	2.9255	105490	109950
Y_3710	371.030	{ 9 Cts/S	6856.3	0.54399	0.00793	6855.9	6856.7

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:55:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.004	0.0001	2.201	0.004	0.0041
Al3082	308.215	{1 In2306	ppm	0.1318	0.0408	30.99	0.1029	0.1606
As1890	189.042	{4 Y_2243	ppm	0.0079	0.001	12.22	0.0072	0.0086
B_2496	249.678	{1 Y_3710	ppm	0.0101	0.0066	65.33	0.0054	0.0147
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0.0002	2.314	0.0094	0.0097
Be3130	313.042	{1 Y_3710	ppm	0.0048	0	0.2757	0.0047	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0814	0.0161	19.75	0.0928	0.07
Ca3181	318.128	{1 In2306	ppm	0.065	0.0385	59.27	0.0922	0.0378
Cd2288	228.802	{4 Y_2243	ppm	0.0052	0.0009	16.43	0.0046	0.0058
Co2286	228.616	{4 In2306	ppm	0.0099	0.0011	11.37	0.0091	0.0107
Cr2677	267.716	{1 Y_3600	ppm	0.009	0.0005	5.639	0.0087	0.0094
Cu3247	324.754	{1 Y_3600	ppm	0.0093	0.0008	9.066	0.0087	0.0099
Fe2404	240.488	{1 In2306	ppm	0.0978	0.0057	5.858	0.1018	0.0937
K_7664	766.490	{ 4 Y_3710	ppm	0.6865	0.0009	0.1367	0.6859	0.6872
K_7698	769.896	{ 4 Y_3710	ppm	0.7807	0.024	3.078	0.7637	0.7977
Li6707	670.784	{ 5 Y_3710	ppm	0.0105	0.0002	1.6	0.0104	0.0106
Mg2790	279.079	{1 Y_3710	ppm	0.0432	0.0382	88.6	0.0161	0.0702
Mn2576	257.610	{1 Y_3600	ppm	0.0094	0.0006	6.499	0.009	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0074	0.0005	6.412	0.0077	0.007
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0017	15.28	0.0102	0.0127
Na5895	589.592	{ 5 Y_3710	ppm	1.193	0.0197	1.651	1.207	1.179
Na8183	818.326	{ 4 Y_3710	ppm	0.7829	0.0815	10.41	0.7253	0.8405
Ni2316	231.604	{4 In2306	ppm	0.0101	0.0012	12.18	0.0092	0.011
P_1782	178.284	{4 In2306	ppm	0.0089	0.0001	1.055	0.0088	0.009
Pb2203	220.353	{4 In2306	ppm	0.0106	0.0005	5.015	0.0102	0.011
S_1820	182.034	{4 Y_2243	ppm	-5.938	0.7774	13.09	-5.389	-6.488
Sb2068	206.833	{4 Y_2243	ppm	0.0163	0.0014	8.492	0.0153	0.0173
Se1960	196.090	{4 Y_2243	ppm	0.0096	0.0009	9.57	0.009	0.0103
Si2516	251.611	{1 Y_3710	ppm	0.0167	0.0345	206.2	0.0411	-0.0077
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0015	14.31	0.0097	0.0118
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0	0.8072	0.0047	0.0046
Ti3349	334.904	{1 Y_3600	ppm	0.0099	0.0007	6.751	0.0094	0.0104
Tl1908	190.856	{4 In2306	ppm	0.0098	0.0005	4.765	0.0095	0.0101
V_2924	292.402	{1 Y_3600	ppm	0.0088	0.0004	4.627	0.0085	0.0091
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0013	13.6	0.0086	0.0105

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.475	2.478	4.9094	52.227	48.723
In2306	230.606	{4 Cts/S	10160	420.26	4.1363	10457	9862.9
Y_2243	224.306	{4 Cts/S	12817	518.26	4.0436	13183	12450
Y_3600	360.073	{ 9 Cts/S	115500	5351.6	4.6334	119280	111720
Y_3710	371.030	{ 9 Cts/S	6923.3	14.569	0.21044	6913	6933.6

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:58:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0002	318.9	-0.0001	0.0002
Al3082	308.215	{1 In2306	ppm	0.0243	0.0975	401.8	-0.0447	0.0932
As1890	189.042	{4 Y_2243	ppm	-0.001	0.0001	13.5	-0.0009	-0.0011
B_2496	249.678	{1 Y_3710	ppm	-0.0025	0.0052	209.8	0.0012	-0.0062
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0.0003	164.3	0	-0.0004
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	37.84	-0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0092	0.0234	255.8	0.0074	-0.0257
Ca3181	318.128	{1 In2306	ppm	0.0061	0.0008	13.66	0.0067	0.0055
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	4.067	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0001	0.0001	146.5	0	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0	21.34	-0.0003	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	-0.0004	0.0003	70.64	-0.0002	-0.0006
Fe2404	240.488	{1 In2306	ppm	0.0066	0.0113	170.3	-0.0014	0.0147
K_7664	766.490	{ 4 Y_3710	ppm	0.0635	0.0133	20.97	0.0541	0.0729
K_7698	769.896	{ 4 Y_3710	ppm	0.2161	0.008	3.721	0.2104	0.2218
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0	15.31	0.0001	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0191	0.0064	33.24	-0.0146	-0.0236
Mn2576	257.610	{1 Y_3600	ppm	0	0	10050	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0009	0.0011	132.3	-0.0001	-0.0016
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	30.74	0.0002	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.4339	0.0068	1.56	0.4291	0.4387
Na8183	818.326	{ 4 Y_3710	ppm	0.4788	0.0965	20.14	0.547	0.4106
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0002	76.83	0.0001	0.0003
P_1782	178.284	{4 In2306	ppm	0	0.0004	906.1	0.0003	-0.0003
Pb2203	220.353	{4 In2306	ppm	0.0006	0.0005	86.66	0.0002	0.001
S_1820	182.034	{4 Y_2243	ppm	-4.37	0.187	4.28	-4.502	-4.238
Sb2068	206.833	{4 Y_2243	ppm	0.0016	0.0007	43.39	0.0011	0.0021
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0	8.864	-0.0004	-0.0003
Si2516	251.611	{1 Y_3710	ppm	-0.0033	0.0032	97.28	-0.001	-0.0055
Sn1899	189.989	{4 In2306	ppm	0.0001	0	13.76	0.0001	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0.0002	163.6	0	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0002	71.34	0.0002	0.0005
Tl1908	190.856	{4 In2306	ppm	-0.0009	0.0004	49.8	-0.0006	-0.0012
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0006	498.3	0.0003	-0.0006
Zn2062	206.200	{4 In2306	ppm	0.0001	0.0001	41.32	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.567	4.952	9.9907	53.068	46.065
In2306	230.606	{4 Cts/S	10257	46.483	0.45318	10224	10290
Y_2243	224.306	{4 Cts/S	12877	21.691	0.16845	12862	12892
Y_3600	360.073	{ 9 Cts/S	113640	1057.3	0.93038	114390	112890
Y_3710	371.030	{ 9 Cts/S	6776.1	280.63	4.1415	6974.6	6577.7

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:00:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0005	592.5	-0.0004	0.0003
Al3082	308.215	{1 In2306	ppm	0.4699	0.0038	0.8116	0.4672	0.4726
As1890	189.042	{4 Y_2243	ppm	-0.0009	0.0005	51.12	-0.0013	-0.0006
B_2496	249.678	{1 Y_3710	ppm	0.0182	0.0017	9.222	0.0194	0.017
Ba4554	455.403	{ 7 Y_3710	ppm	0.0223	0.0003	1.333	0.0225	0.0221
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	102.3	0	0.0001
Ca3158	315.887	{1 In2306	ppm	3.933	0.1363	3.466	3.837	4.029
Ca3181	318.128	{1 In2306	ppm	3.962	0.0574	1.449	3.922	4.003
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0.0001	39.05	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	5.079	0.0003	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.001	0.0003	34.01	0.0013	0.0008
Cu3247	324.754	{1 Y_3600	ppm	0.0044	0.0002	3.506	0.0042	0.0045
Fe2404	240.488	{1 In2306	ppm	0.3899	0.0009	0.2273	0.3893	0.3906
K_7664	766.490	{ 4 Y_3710	ppm	13.29	0.3193	2.404	13.51	13.06
K_7698	769.896	{ 4 Y_3710	ppm	12.57	0.2681	2.133	12.76	12.38
Li6707	670.784	{ 5 Y_3710	ppm	0.0009	0.0007	77.62	0.0004	0.0014
Mg2790	279.079	{1 Y_3710	ppm	0.8602	0.0353	4.109	0.8352	0.8852
Mn2576	257.610	{1 Y_3600	ppm	0.0102	0.0001	0.7197	0.0101	0.0102
Mn2576-2	257.610	{1 Y_3710	ppm	0.0093	0.0001	0.9591	0.0093	0.0092
Mo2020	202.030	{4 Y_2243	ppm	0.0007	0.0001	10.5	0.0007	0.0006
Na5895	589.592	{ 5 Y_3710	ppm	3.189	0.1009	3.164	3.261	3.118
Na8183	818.326	{ 4 Y_3710	ppm	2.78	0.043	1.547	2.75	2.81
Ni2316	231.604	{4 In2306	ppm	0.0012	0	0.208	0.0012	0.0012
P_1782	178.284	{4 In2306	ppm	0.8074	0.0034	0.4247	0.805	0.8098
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0001	13.45	0.0008	0.001
S_1820	182.034	{4 Y_2243	ppm	-657.6	4.455	0.6775	-654.5	-660.8
Sb2068	206.833	{4 Y_2243	ppm	-0.0002	0.0013	792.9	-0.0011	0.0008
Se1960	196.090	{4 Y_2243	ppm	0.0022	0.0005	20.78	0.0025	0.0019
Si2516	251.611	{1 Y_3710	ppm	1.435	0.0128	0.8929	1.444	1.426
Sn1899	189.989	{4 In2306	ppm	0	0	96.76	0	0
Sr4215	421.552	{ 8 Y_3710	ppm	0.017	0.0002	1.421	0.0171	0.0168
Ti3349	334.904	{1 Y_3600	ppm	0.0025	0.0003	10.57	0.0023	0.0027
Tl1908	190.856	{4 In2306	ppm	-0.0001	0.0004	275.6	-0.0004	0.0001
V_2924	292.402	{1 Y_3600	ppm	0.0012	0.0001	4.913	0.0012	0.0012
Zn2062	206.200	{4 In2306	ppm	0.0601	0.0005	0.7953	0.0598	0.0605

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.096	0.47712	0.99201	48.434	47.759
In2306	230.606	{4 Cts/S	9884	208.78	2.1123	10032	9736.4
Y_2243	224.306	{4 Cts/S	12681	264.96	2.0894	12869	12494
Y_3600	360.073	{ 9 Cts/S	111770	567.37	0.50763	112170	111370
Y_3710	371.030	{ 9 Cts/S	6786.1	38.665	0.56977	6758.7	6813.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:03:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0003	168.4	0.0004	0
Al3082	308.215	{1 In2306	ppm	0.4305	0.0641	14.89	0.4758	0.3852
As1890	189.042	{4 Y_2243	ppm	-0.0012	0	0.0121	-0.0012	-0.0012
B_2496	249.678	{1 Y_3710	ppm	0.0316	0.0189	59.98	0.045	0.0182
Ba4554	455.403	{ 7 Y_3710	ppm	0.0334	0.0032	9.438	0.0356	0.0312
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	356.5	0.0001	0
Ca3158	315.887	{1 In2306	ppm	5.571	0.3763	6.755	5.837	5.305
Ca3181	318.128	{1 In2306	ppm	5.579	0.2045	3.666	5.724	5.435
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	7.557	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	18.08	0.0002	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0006	0.0004	60.66	0.0009	0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0057	0.0003	4.653	0.0055	0.0059
Fe2404	240.488	{1 In2306	ppm	0.3885	0.0574	14.77	0.429	0.3479
K_7664	766.490	{ 4 Y_3710	ppm	22.47	1.955	8.699	23.85	21.09
K_7698	769.896	{ 4 Y_3710	ppm	21.25	1.755	8.262	22.49	20.01
Li6707	670.784	{ 5 Y_3710	ppm	0.0007	0.0001	12.45	0.0008	0.0007
Mg2790	279.079	{1 Y_3710	ppm	1.347	0.141	10.46	1.447	1.247
Mn2576	257.610	{1 Y_3600	ppm	0.0138	0.0001	0.8307	0.0137	0.0139
Mn2576-2	257.610	{1 Y_3710	ppm	0.0144	0.0006	4.349	0.014	0.0149
Mo2020	202.030	{4 Y_2243	ppm	0.0008	0	5.612	0.0008	0.0008
Na5895	589.592	{ 5 Y_3710	ppm	3.624	0.3272	9.029	3.855	3.393
Na8183	818.326	{ 4 Y_3710	ppm	3.189	0.2422	7.594	3.36	3.018
Ni2316	231.604	{4 In2306	ppm	0.0013	0.0001	8.963	0.0014	0.0012
P_1782	178.284	{4 In2306	ppm	1.193	0.0014	0.1202	1.192	1.194
Pb2203	220.353	{4 In2306	ppm	0.0018	0.0001	3.071	0.0019	0.0018
S_1820	182.034	{4 Y_2243	ppm	-832.4	0.7655	0.092	-831.8	-832.9
Sb2068	206.833	{4 Y_2243	ppm	-0.0009	0.0003	33.94	-0.0011	-0.0007
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0001	79.72	-0.0002	-0.0001
Si2516	251.611	{1 Y_3710	ppm	1.588	0.1249	7.86	1.677	1.5
Sn1899	189.989	{4 In2306	ppm	0	0.0003	1052	-0.0002	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0258	0.0023	8.998	0.0274	0.0241
Ti3349	334.904	{1 Y_3600	ppm	0.0028	0.0001	3.767	0.0027	0.0028
Tl1908	190.856	{4 In2306	ppm	-0.0016	0.001	59.96	-0.0009	-0.0023
V_2924	292.402	{1 Y_3600	ppm	0.0008	0.0001	18.81	0.0007	0.0009
Zn2062	206.200	{4 In2306	ppm	0.0707	0	0.0237	0.0707	0.0707

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.868	2.361	5.0375	45.198	48.537
In2306	230.606	{4 Cts/S	9793.7	9.8911	0.10099	9786.7	9800.7
Y_2243	224.306	{4 Cts/S	12590	9.795	0.0778	12597	12583
Y_3600	360.073	{ 9 Cts/S	110780	532.56	0.48074	111160	110400
Y_3710	371.030	{ 9 Cts/S	6545.4	430.37	6.5751	6241	6849.7

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0004	616.9	0.0002	-0.0003
Al3082	308.215	{1 In2306	ppm	1.745	0.0686	3.933	1.696	1.793
As1890	189.042	{4 Y_2243	ppm	0.0023	0.0005	23.28	0.0019	0.0027
B_2496	249.678	{1 Y_3710	ppm	-0.0032	0.0092	284.5	0.0033	-0.0097
Ba4554	455.403	{ 7 Y_3710	ppm	0.0634	0	0.0286	0.0634	0.0634
Be3130	313.042	{1 Y_3710	ppm	0.0004	0.0001	32.42	0.0003	0.0005
Ca3158	315.887	{1 In2306	ppm	32.23	0.5968	1.852	31.81	32.65
Ca3181	318.128	{1 In2306	ppm	31.67	0.719	2.27	31.16	32.18
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	0.4043	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0013	0.0001	4.114	0.0013	0.0014
Cr2677	267.716	{1 Y_3600	ppm	0.0044	0.0004	9.816	0.0041	0.0047
Cu3247	324.754	{1 Y_3600	ppm	0.0413	0.0004	0.9686	0.041	0.0416
Fe2404	240.488	{1 In2306	ppm	1.502	0.0409	2.72	1.473	1.531
K_7664	766.490	{ 4 Y_3710	ppm	1.932	0.0307	1.588	1.954	1.91
K_7698	769.896	{ 4 Y_3710	ppm	1.972	0.0007	0.0373	1.972	1.973
Li6707	670.784	{ 5 Y_3710	ppm	0.0026	0.0004	14.72	0.0023	0.0029
Mg2790	279.079	{1 Y_3710	ppm	2.058	0.0285	1.384	2.038	2.078
Mn2576	257.610	{1 Y_3600	ppm	0.1325	0.0018	1.37	0.1312	0.1338
Mn2576-2	257.610	{1 Y_3710	ppm	0.1341	0.0014	1.053	0.1351	0.1331
Mo2020	202.030	{4 Y_2243	ppm	0.0009	0.0001	9.332	0.0009	0.0008
Na5895	589.592	{ 5 Y_3710	ppm	4.482	0.0074	0.1659	4.487	4.476
Na8183	818.326	{ 4 Y_3710	ppm	3.986	0.057	1.431	4.026	3.946
Ni2316	231.604	{4 In2306	ppm	0.0026	0.0001	5.251	0.0025	0.0027
P_1782	178.284	{4 In2306	ppm	0.228	0.0062	2.74	0.2236	0.2324
Pb2203	220.353	{4 In2306	ppm	0.0135	0.0007	5.547	0.013	0.0141
S_1820	182.034	{4 Y_2243	ppm	-1302	1.122	0.0862	-1302	-1301
Sb2068	206.833	{4 Y_2243	ppm	0.001	0.0009	85.1	0.0017	0.0004
Se1960	196.090	{4 Y_2243	ppm	0.0003	0.002	800.1	-0.0012	0.0017
Si2516	251.611	{1 Y_3710	ppm	3.305	0.0416	1.257	3.334	3.275
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0002	195	0	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0705	0.0004	0.6157	0.0708	0.0702
Ti3349	334.904	{1 Y_3600	ppm	0.0121	0.0001	0.9739	0.0121	0.0122
Tl1908	190.856	{4 In2306	ppm	-0.0015	0.001	68.05	-0.0008	-0.0022
V_2924	292.402	{1 Y_3600	ppm	0.006	0.0003	5.709	0.0057	0.0062
Zn2062	206.200	{4 In2306	ppm	0.1834	0.0005	0.246	0.1837	0.1831

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.084	0.82554	1.7169	48.668	47.5
In2306	230.606	{4 Cts/S	9782.3	17.522	0.17911	9794.7	9769.9
Y_2243	224.306	{4 Cts/S	12734	24.128	0.18948	12751	12717
Y_3600	360.073	{ 9 Cts/S	110590	784.87	0.70973	111140	110030
Y_3710	371.030	{ 9 Cts/S	6674.5	30.851	0.46222	6652.7	6696.4

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4635	0.0025	0.5354	0.4618	0.4653
Al3082	308.215	{1 In2306	ppm	9.436	0.0052	0.0551	9.432	9.439
As1890	189.042	{4 Y_2243	ppm	0.922	0.0104	1.129	0.9293	0.9146
B_2496	249.678	{1 Y_3710	ppm	0.9563	0.0192	2.007	0.9698	0.9427
Ba4554	455.403	{ 7 Y_3710	ppm	0.983	0.0121	1.231	0.9916	0.9744
Be3130	313.042	{1 Y_3710	ppm	0.4721	0.005	1.069	0.4756	0.4685
Ca3158	315.887	{1 In2306	ppm	10.57	0.1096	1.037	10.49	10.65
Ca3181	318.128	{1 In2306	ppm	10.47	0.0441	0.4209	10.43	10.5
Cd2288	228.802	{4 Y_2243	ppm	0.4585	0.0038	0.8233	0.4612	0.4559
Co2286	228.616	{4 In2306	ppm	0.9073	0.0058	0.6365	0.9114	0.9033
Cr2677	267.716	{1 Y_3600	ppm	0.9123	0.0062	0.6755	0.908	0.9167
Cu3247	324.754	{1 Y_3600	ppm	0.9251	0.004	0.4344	0.9222	0.9279
Fe2404	240.488	{1 In2306	ppm	8.863	0.017	0.1919	8.851	8.875
K_7664	766.490	{ 4 Y_3710	ppm	11.37	0.258	2.269	11.55	11.19
K_7698	769.896	{ 4 Y_3710	ppm	10.76	0.212	1.969	10.91	10.61
Li6707	670.784	{ 5 Y_3710	ppm	1.117	0.0285	2.556	1.137	1.096
Mg2790	279.079	{1 Y_3710	ppm	9.189	0.1439	1.566	9.291	9.087
Mn2576	257.610	{1 Y_3600	ppm	0.9229	0.0041	0.4412	0.92	0.9258
Mn2576-2	257.610	{1 Y_3710	ppm	0.9518	0.0052	0.5438	0.9555	0.9482
Mo2020	202.030	{4 Y_2243	ppm	0.9438	0.0092	0.9695	0.9502	0.9373
Na5895	589.592	{ 5 Y_3710	ppm	11.31	0.2601	2.299	11.5	11.13
Na8183	818.326	{ 4 Y_3710	ppm	10.2	0.0426	0.4173	10.23	10.17
Ni2316	231.604	{4 In2306	ppm	0.9244	0.0061	0.6628	0.9287	0.9201
P_1782	178.284	{4 In2306	ppm	0.9312	0.0021	0.2279	0.9327	0.9297
Pb2203	220.353	{4 In2306	ppm	0.936	0.0001	0.013	0.9361	0.9359
S_1820	182.034	{4 Y_2243	ppm	-34.62	2.7	7.799	-32.71	-36.53
Sb2068	206.833	{4 Y_2243	ppm	0.9421	0.0104	1.101	0.9494	0.9348
Se1960	196.090	{4 Y_2243	ppm	0.9396	0.0074	0.7835	0.9448	0.9344
Si2516	251.611	{1 Y_3710	ppm	1.305	0.0215	1.644	1.29	1.32
Sn1899	189.989	{4 In2306	ppm	0.9304	0.008	0.8651	0.9361	0.9247
Sr4215	421.552	{ 8 Y_3710	ppm	0.4971	0.0077	1.555	0.5025	0.4916
Ti3349	334.904	{1 Y_3600	ppm	0.9421	0.0038	0.4065	0.9394	0.9448
Tl1908	190.856	{4 In2306	ppm	0.9575	0.0066	0.6904	0.9621	0.9528
V_2924	292.402	{1 Y_3600	ppm	0.8744	0.0054	0.6201	0.8706	0.8782
Zn2062	206.200	{4 In2306	ppm	0.8953	0.0058	0.6496	0.8994	0.8912

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.785	0.10892	0.21447	50.708	50.862
In2306	230.606	{4 Cts/S	9563.7	1.2161	0.01272	9562.8	9564.5
Y_2243	224.306	{4 Cts/S	12586	18.018	0.14317	12573	12598
Y_3600	360.073	{ 9 Cts/S	109330	421.62	0.38562	109630	109040
Y_3710	371.030	{ 9 Cts/S	6652.1	96.029	1.4436	6584.2	6720

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	491.9	-0.0001	0
Al3082	308.215	{1 In2306	ppm	0.065	0.0591	91.06	0.0231	0.1068
As1890	189.042	{4 Y_2243	ppm	0.0125	0.0181	145	-0.0003	0.0253
B_2496	249.678	{1 Y_3710	ppm	0	0.0036	25890	0.0026	-0.0026
Ba4554	455.403	{ 7 Y_3710	ppm	0.0012	0.0002	17.33	0.001	0.0013
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	161.9	0	0.0001
Ca3158	315.887	{1 In2306	ppm	0.4515	0.0123	2.715	0.4428	0.4601
Ca3181	318.128	{1 In2306	ppm	0.4663	0.0213	4.567	0.4512	0.4813
Cd2288	228.802	{4 Y_2243	ppm	0.0075	0.0092	123.5	0.001	0.014
Co2286	228.616	{4 In2306	ppm	0.0159	0.0192	121.1	0.0023	0.0295
Cr2677	267.716	{1 Y_3600	ppm	-0.0005	0	9.968	-0.0005	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0001	30.48	0.0002	0.0002
Fe2404	240.488	{1 In2306	ppm	0.0224	0.0002	0.6855	0.0223	0.0225
K_7664	766.490	{ 4 Y_3710	ppm	0.0755	0.0171	22.65	0.0876	0.0634
K_7698	769.896	{ 4 Y_3710	ppm	0.2722	0.0672	24.69	0.3197	0.2247
Li6707	670.784	{ 5 Y_3710	ppm	0.0005	0.0003	63.04	0.0007	0.0003
Mg2790	279.079	{1 Y_3710	ppm	-0.0109	0.0009	7.878	-0.0103	-0.0115
Mn2576	257.610	{1 Y_3600	ppm	0.0024	0.0001	2.102	0.0024	0.0025
Mn2576-2	257.610	{1 Y_3710	ppm	0.0005	0.0035	688.7	0.003	-0.002
Mo2020	202.030	{4 Y_2243	ppm	0.0203	0.0224	110.8	0.0044	0.0361
Na5895	589.592	{ 5 Y_3710	ppm	0.1606	0.0059	3.644	0.1647	0.1564
Na8183	818.326	{ 4 Y_3710	ppm	0.0864	0.0144	16.71	0.0762	0.0966
Ni2316	231.604	{4 In2306	ppm	0.0163	0.0198	121.1	0.0023	0.0303
P_1782	178.284	{4 In2306	ppm	0.0173	0.017	98.44	0.0053	0.0293
Pb2203	220.353	{4 In2306	ppm	0.0166	0.0177	106.9	0.0041	0.0291
S_1820	182.034	{4 Y_2243	ppm	-12.2	1.203	9.865	-11.35	-13.05
Sb2068	206.833	{4 Y_2243	ppm	0.0256	0.0228	89.4	0.0094	0.0417
Se1960	196.090	{4 Y_2243	ppm	0.0126	0.0167	132.2	0.0008	0.0245
Si2516	251.611	{1 Y_3710	ppm	0.0691	0.0048	6.951	0.0657	0.0725
Sn1899	189.989	{4 In2306	ppm	0.019	0.021	110.6	0.0041	0.0339
Sr4215	421.552	{ 8 Y_3710	ppm	0.0009	0.0001	14.51	0.0008	0.001
Ti3349	334.904	{1 Y_3600	ppm	0.0033	0.0004	11.68	0.0036	0.003
Tl1908	190.856	{4 In2306	ppm	0.0096	0.0121	126.1	0.001	0.0181
V_2924	292.402	{1 Y_3600	ppm	0	0.0005	976.5	-0.0004	0.0003
Zn2062	206.200	{4 In2306	ppm	0.0183	0.0185	101	0.0052	0.0314

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.61	0.03563	0.07484	47.635	47.584
In2306	230.606	{4 Cts/S	10119	49.536	0.48956	10154	10084
Y_2243	224.306	{4 Cts/S	12781	37.973	0.2971	12808	12754
Y_3600	360.073	{ 9 Cts/S	113410	92.371	0.08145	113480	113350
Y_3710	371.030	{ 9 Cts/S	6817.6	85.17	1.2493	6757.3	6877.8

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0	27.89	-0.0001	0
Al3082	308.215	{1 In2306	ppm	-0.0219	0.114	520.5	0.0587	-0.1025
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0018	1089	-0.0015	0.0011
B_2496	249.678	{1 Y_3710	ppm	-0.0034	0.0089	259.4	-0.0097	0.0029
Ba4554	455.403	{ 7 Y_3710	ppm	0.0005	0.0002	32.43	0.0006	0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0	125.2	0	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0074	0.0052	70.38	-0.0111	-0.0037
Ca3181	318.128	{1 In2306	ppm	0.0707	0.0045	6.317	0.0676	0.0739
Cd2288	228.802	{4 Y_2243	ppm	0.0009	0.001	110.7	0.0002	0.0016
Co2286	228.616	{4 In2306	ppm	0.0016	0.0023	143.9	0	0.0032
Cr2677	267.716	{1 Y_3600	ppm	0	0.0002	823.2	-0.0001	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0012	0	3.921	0.0012	0.0011
Fe2404	240.488	{1 In2306	ppm	-0.0079	0.0228	286.9	0.0082	-0.0241
K_7664	766.490	{ 4 Y_3710	ppm	0.0533	0.0019	3.478	0.052	0.0546
K_7698	769.896	{ 4 Y_3710	ppm	0.0622	0.0165	26.52	0.0738	0.0505
Li6707	670.784	{ 5 Y_3710	ppm	-0.0002	0.0005	243.6	-0.0006	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0514	0.0675	131.3	-0.0037	-0.0991
Mn2576	257.610	{1 Y_3600	ppm	0.0004	0	13.58	0.0004	0.0003
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0003	0.0008	292.4	0.0003	-0.0009
Mo2020	202.030	{4 Y_2243	ppm	0.0029	0.0028	96.46	0.0009	0.0049
Na5895	589.592	{ 5 Y_3710	ppm	0.1069	0.0059	5.559	0.1111	0.1027
Na8183	818.326	{ 4 Y_3710	ppm	0.2541	0.049	19.27	0.2195	0.2888
Ni2316	231.604	{4 In2306	ppm	0.002	0.0021	107.1	0.0005	0.0035
P_1782	178.284	{4 In2306	ppm	0.0229	0.002	8.757	0.0215	0.0243
Pb2203	220.353	{4 In2306	ppm	0.0023	0.0023	99.79	0.0007	0.0039
S_1820	182.034	{4 Y_2243	ppm	-6.263	0.0225	0.3596	-6.279	-6.247
Sb2068	206.833	{4 Y_2243	ppm	0.0041	0.0027	67.41	0.0021	0.006
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0016	831.6	-0.0013	0.0009
Si2516	251.611	{1 Y_3710	ppm	0.0261	0.0104	39.89	0.0188	0.0335
Sn1899	189.989	{4 In2306	ppm	0.0297	0.0017	5.796	0.0285	0.0309
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	72.49	-0.0001	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0001	15.15	0.0004	0.0003
Tl1908	190.856	{4 In2306	ppm	0.001	0.0022	214.1	-0.0005	0.0026
V_2924	292.402	{1 Y_3600	ppm	-0.0002	0.0001	59.65	-0.0001	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0054	0.0021	38.78	0.0039	0.0069

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.385	1.1732	2.4758	46.555	48.214
In2306	230.606	{4 Cts/S	10295	21.232	0.20624	10310	10280
Y_2243	224.306	{4 Cts/S	12920	12.943	0.10017	12911	12930
Y_3600	360.073	{ 9 Cts/S	112370	54.988	0.04894	112410	112330
Y_3710	371.030	{ 9 Cts/S	6699.5	66.03	0.9856	6652.8	6746.2

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4566	0.0076	1.661	0.462	0.4513
Al3082	308.215	{1 In2306	ppm	81.44	1.382	1.697	80.46	82.41
As1890	189.042	{4 Y_2243	ppm	1.313	0.0245	1.864	1.331	1.296
B_2496	249.678	{1 Y_3710	ppm	0.8892	0.0033	0.3708	0.8916	0.8869
Ba4554	455.403	{ 7 Y_3710	ppm	2.562	0.0451	1.759	2.594	2.53
Be3130	313.042	{1 Y_3710	ppm	1.51	0.0182	1.205	1.523	1.497
Ca3158	315.887	{1 In2306	ppm	90.57	1.566	1.73	89.46	91.67
Ca3181	318.128	{1 In2306	ppm	89.91	1.484	1.651	88.86	90.96
Cd2288	228.802	{4 Y_2243	ppm	0.7043	0.0095	1.348	0.711	0.6976
Co2286	228.616	{4 In2306	ppm	1.433	0.0212	1.479	1.448	1.418
Cr2677	267.716	{1 Y_3600	ppm	0.9674	0.0128	1.326	0.9765	0.9583
Cu3247	324.754	{1 Y_3600	ppm	1.085	0.0132	1.218	1.094	1.075
Fe2404	240.488	{1 In2306	ppm	159.7	3.057	1.914	157.6	161.9
K_7664	766.490	{ 4 Y_3710	ppm	50.68	0.9642	1.902	51.37	50
K_7698	769.896	{ 4 Y_3710	ppm	48.58	0.9157	1.885	49.23	47.94
Li6707	670.784	{ 5 Y_3710	ppm	0.0942	0.002	2.145	0.0957	0.0928
Mg2790	279.079	{1 Y_3710	ppm	38	0.5363	1.411	38.38	37.62
Mn2576	257.610	{1 Y_3600	ppm	4.734	0.0043	0.0899	4.731	4.737
Mn2576-2	257.610	{1 Y_3710	ppm	5.158	0.0689	1.335	5.206	5.109
Mo2020	202.030	{4 Y_2243	ppm	0.9176	0.0147	1.607	0.928	0.9071
Na5895	589.592	{ 5 Y_3710	ppm	6.834	0.1434	2.098	6.936	6.733
Na8183	818.326	{ 4 Y_3710	ppm	6.73	0.0847	1.258	6.79	6.67
Ni2316	231.604	{4 In2306	ppm	1.366	0.0198	1.448	1.38	1.352
P_1782	178.284	{4 In2306	ppm	8.231	0.132	1.604	8.325	8.138
Pb2203	220.353	{4 In2306	ppm	1.382	0.0119	0.8584	1.39	1.374
S_1820	182.034	{4 Y_2243	ppm	-1237	16.88	1.366	-1248	-1225
Sb2068	206.833	{4 Y_2243	ppm	0.7554	0.019	2.509	0.7688	0.742
Se1960	196.090	{4 Y_2243	ppm	1.948	0.0231	1.185	1.964	1.932
Si2516	251.611	{1 Y_3710	ppm	12.19	0.2303	1.889	12.35	12.03
Sn1899	189.989	{4 In2306	ppm	1.572	0.0246	1.567	1.59	1.555
Sr4215	421.552	{ 8 Y_3710	ppm	2.446	0.0392	1.604	2.473	2.418
Ti3349	334.904	{1 Y_3600	ppm	3.755	0.0369	0.9816	3.781	3.729
Tl1908	190.856	{4 In2306	ppm	1.606	0.0264	1.646	1.625	1.587
V_2924	292.402	{1 Y_3600	ppm	0.5703	0.0057	0.9944	0.5743	0.5663
Zn2062	206.200	{4 In2306	ppm	2.146	0.0301	1.4	2.167	2.125

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.331	0.80076	1.6918	47.897	46.764
In2306	230.606	{4 Cts/S	8685.9	112.19	1.2916	8606.6	8765.2
Y_2243	224.306	{4 Cts/S	12532	154.14	1.23	12423	12641
Y_3600	360.073	{ 9 Cts/S	107120	748.07	0.69836	106590	107650
Y_3710	371.030	{ 9 Cts/S	6650.5	90.377	1.359	6586.6	6714.4

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0	14.39	-0.0003	-0.0003
Al3082	308.215 {1	In2306	ppm	167.5	3.925	2.344	164.7	170.2
As1890	189.042 {4	Y_2243	ppm	0.0841	0.0135	16.04	0.0745	0.0936
B_2496	249.678 {1	Y_3710	ppm	0.0592	0.0004	0.6613	0.0594	0.0589
Ba4554	455.403 {	Y_3710	ppm	1.974	0.0585	2.966	1.932	2.015
Be3130	313.042 {1	Y_3710	ppm	0.0099	0.0006	6.155	0.0095	0.0104
Ca3158	315.887 {1	In2306	ppm	1956	55.78	2.851	1917	1996
Ca3181	318.128 {1	In2306	ppm	2074	59.49	2.868	2032	2116
Cd2288	228.802 {4	Y_2243	ppm	0.0106	0.0074	69.5	0.0054	0.0159
Co2286	228.616 {4	In2306	ppm	0.119	0.0151	12.69	0.1083	0.1297
Cr2677	267.716 {1	Y_3600	ppm	0.1281	0.0037	2.86	0.1255	0.1307
Cu3247	324.754 {1	Y_3600	ppm	0.1216	0.0057	4.656	0.1176	0.1256
Fe2404	240.488 {1	In2306	ppm	138.3	3.199	2.313	136	140.6
K_7664	766.490 {	Y_3710	ppm	21.21	0.5385	2.539	20.83	21.59
K_7698	769.896 {	Y_3710	ppm	20.78	0.6107	2.94	20.34	21.21
Li6707	670.784 {	Y_3710	ppm	0.1265	0.0023	1.858	0.1248	0.1281
Mg2790	279.079 {1	Y_3710	ppm	30.95	1.124	3.633	30.16	31.75
Mn2576	257.610 {1	Y_3600	ppm	9.991	0.326	3.263	9.76	10.22
Mn2576-2	257.610 {1	Y_3710	ppm	12.95	0.4594	3.548	12.62	13.27
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.0107	91.02	0.0042	0.0193
Na5895	589.592 {	Y_3710	ppm	1.817	0.0421	2.315	1.788	1.847
Na8183	818.326 {	Y_3710	ppm	2.026	0.084	4.146	1.966	2.085
Ni2316	231.604 {4	In2306	ppm	0.2358	0.0113	4.792	0.2278	0.2438
P_1782	178.284 {4	In2306	ppm	9.112	0.0703	0.7717	9.161	9.062
Pb2203	220.353 {4	In2306	ppm	0.3498	0.0084	2.393	0.3439	0.3558
S_1820	182.034 {4	Y_2243	ppm	-2128	16.26	0.7641	-2139	-2116
Sb2068	206.833 {4	Y_2243	ppm	0.0186	0.0066	35.7	0.0139	0.0233
Se1960	196.090 {4	Y_2243	ppm	0.0258	0.0188	72.76	0.0125	0.0391
Si2516	251.611 {1	Y_3710	ppm	22.3	0.7219	3.238	21.79	22.81
Sn1899	189.989 {4	In2306	ppm	0.0616	0.0194	31.57	0.0478	0.0753
Sr4215	421.552 {	Y_3710	ppm	4.877	0.1583	3.245	4.765	4.988
Ti3349	334.904 {1	Y_3600	ppm	0.2495	0.009	3.596	0.2432	0.2559
Tl1908	190.856 {4	In2306	ppm	0.0021	0.0165	796.8	-0.0096	0.0138
V_2924	292.402 {1	Y_3600	ppm	0.3409	0.0136	4	0.3313	0.3506
Zn2062	206.200 {4	In2306	ppm	0.7181	0.0108	1.504	0.7105	0.7258

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	45.483	0.8002	1.7594	46.049	44.917
In2306	230.606 {4	Cts/S	7013.2	46.356	0.66099	6980.4	7045.9
Y_2243	224.306 {4	Cts/S	11995	36.638	0.30544	11969	12021
Y_3600	360.073 {	Cts/S	98040	2812.6	2.8688	100030	96051
Y_3710	371.030 {	Cts/S	6235.4	164.25	2.6342	6351.6	6119.3

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0005	0.0001	9.197	-0.0005	-0.0006
Al3082	308.215	{1 In2306	ppm	164.3	6.272	3.817	159.9	168.7
As1890	189.042	{4 Y_2243	ppm	0.0703	0.0009	1.297	0.0696	0.0709
B_2496	249.678	{1 Y_3710	ppm	0.0659	0.0045	6.904	0.0626	0.0691
Ba4554	455.403	{ 7 Y_3710	ppm	1.862	0.0103	0.5546	1.855	1.87
Be3130	313.042	{1 Y_3710	ppm	0.0093	0.0001	1.213	0.0092	0.0094
Ca3158	315.887	{1 In2306	ppm	2150	74.67	3.474	2097	2202
Ca3181	318.128	{1 In2306	ppm	2294	77.53	3.379	2240	2349
Cd2288	228.802	{4 Y_2243	ppm	0.005	0.0002	3.643	0.0049	0.0051
Co2286	228.616	{4 In2306	ppm	0.1011	0.0002	0.2121	0.1012	0.1009
Cr2677	267.716	{1 Y_3600	ppm	0.1185	0.0003	0.2652	0.1183	0.1188
Cu3247	324.754	{1 Y_3600	ppm	0.1176	0.0023	1.96	0.1193	0.116
Fe2404	240.488	{1 In2306	ppm	132.8	4.24	3.192	129.8	135.8
K_7664	766.490	{ 4 Y_3710	ppm	21.12	0.1511	0.7152	21.02	21.23
K_7698	769.896	{ 4 Y_3710	ppm	20.69	0.1621	0.7834	20.57	20.8
Li6707	670.784	{ 5 Y_3710	ppm	0.1294	0.0012	0.9168	0.1285	0.1302
Mg2790	279.079	{1 Y_3710	ppm	30.55	0.1237	0.4051	30.46	30.63
Mn2576	257.610	{1 Y_3600	ppm	9.875	0.0744	0.7535	9.928	9.823
Mn2576-2	257.610	{1 Y_3710	ppm	13	0.0653	0.5021	12.96	13.05
Mo2020	202.030	{4 Y_2243	ppm	0.0021	0.0001	6.331	0.0021	0.002
Na5895	589.592	{ 5 Y_3710	ppm	1.91	0.0182	0.9535	1.897	1.923
Na8183	818.326	{ 4 Y_3710	ppm	2.132	0.05	2.344	2.096	2.167
Ni2316	231.604	{4 In2306	ppm	0.2255	0.0006	0.2666	0.226	0.2251
P_1782	178.284	{4 In2306	ppm	9.301	0.0382	0.4104	9.328	9.274
Pb2203	220.353	{4 In2306	ppm	0.3484	0.0005	0.1492	0.348	0.3488
S_1820	182.034	{4 Y_2243	ppm	-2126	9.554	0.4494	-2132	-2119
Sb2068	206.833	{4 Y_2243	ppm	-0.0022	0.0009	40.84	-0.0028	-0.0016
Se1960	196.090	{4 Y_2243	ppm	0.0104	0.0026	24.95	0.0086	0.0122
Si2516	251.611	{1 Y_3710	ppm	21.35	0.0946	0.4431	21.29	21.42
Sn1899	189.989	{4 In2306	ppm	0.046	0.001	2.213	0.0453	0.0467
Sr4215	421.552	{ 8 Y_3710	ppm	5.369	0.028	0.5211	5.349	5.389
Ti3349	334.904	{1 Y_3600	ppm	0.2768	0.0018	0.6608	0.2781	0.2755
Tl1908	190.856	{4 In2306	ppm	-0.0171	0.0019	11.11	-0.0157	-0.0184
V_2924	292.402	{1 Y_3600	ppm	0.3193	0.0038	1.192	0.322	0.3166
Zn2062	206.200	{4 In2306	ppm	0.6941	0.0032	0.4635	0.6963	0.6918

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	44.563	1.527	3.4265	45.643	43.483
In2306	230.606	{4 Cts/S	6833.6	11.665	0.17071	6825.3	6841.8
Y_2243	224.306	{4 Cts/S	11756	8.0027	0.06808	11761	11750
Y_3600	360.073	{ 9 Cts/S	99446	790.03	0.79443	98888	100000
Y_3710	371.030	{ 9 Cts/S	6131.7	30.501	0.49743	6153.3	6110.2

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.522	0.0199	3.815	0.5361	0.5079
Al3082	308.215	{1 In2306	ppm	242.9	8.706	3.585	249	236.7
As1890	189.042	{4 Y_2243	ppm	0.9966	0.0011	0.1077	0.9973	0.9958
B_2496	249.678	{1 Y_3710	ppm	0.8071	0.0039	0.4778	0.8044	0.8098
Ba4554	455.403	{ 7 Y_3710	ppm	3.059	0.0065	0.2125	3.054	3.063
Be3130	313.042	{1 Y_3710	ppm	0.507	0.0006	0.1179	0.5066	0.5074
Ca3158	315.887	{1 In2306	ppm	2237	89.01	3.98	2299	2174
Ca3181	318.128	{1 In2306	ppm	2399	95.23	3.969	2466	2332
Cd2288	228.802	{4 Y_2243	ppm	0.4649	0.0016	0.3482	0.4638	0.4661
Co2286	228.616	{4 In2306	ppm	1.094	0.0001	0.0094	1.094	1.094
Cr2677	267.716	{1 Y_3600	ppm	0.9651	0.0334	3.458	0.9887	0.9415
Cu3247	324.754	{1 Y_3600	ppm	1.085	0.0489	4.51	1.12	1.05
Fe2404	240.488	{1 In2306	ppm	174.9	7.434	4.25	180.2	169.6
K_7664	766.490	{ 4 Y_3710	ppm	39.93	0.2304	0.5768	39.77	40.1
K_7698	769.896	{ 4 Y_3710	ppm	39.52	0.2395	0.6061	39.35	39.69
Li6707	670.784	{ 5 Y_3710	ppm	0.7517	0.0035	0.4716	0.7492	0.7542
Mg2790	279.079	{1 Y_3710	ppm	50.36	0.0229	0.0455	50.35	50.38
Mn2576	257.610	{1 Y_3600	ppm	10.65	0.3213	3.016	10.88	10.43
Mn2576-2	257.610	{1 Y_3710	ppm	14.35	0.0097	0.0674	14.34	14.36
Mo2020	202.030	{4 Y_2243	ppm	0.7084	0.0002	0.0335	0.7082	0.7086
Na5895	589.592	{ 5 Y_3710	ppm	13.82	0.0647	0.4685	13.77	13.86
Na8183	818.326	{ 4 Y_3710	ppm	13.78	0.0441	0.3202	13.75	13.81
Ni2316	231.604	{4 In2306	ppm	1.233	0.0012	0.0953	1.234	1.232
P_1782	178.284	{4 In2306	ppm	9.987	0.0482	0.4831	9.953	10.02
Pb2203	220.353	{4 In2306	ppm	1.294	0.0006	0.0459	1.293	1.294
S_1820	182.034	{4 Y_2243	ppm	-2326	10.96	0.4714	-2318	-2334
Sb2068	206.833	{4 Y_2243	ppm	0.2642	0.0004	0.1578	0.2645	0.2639
Se1960	196.090	{4 Y_2243	ppm	0.9488	0.0023	0.242	0.9472	0.9505
Si2516	251.611	{1 Y_3710	ppm	22.91	0.0393	0.1716	22.88	22.93
Sn1899	189.989	{4 In2306	ppm	0.972	0.0007	0.0721	0.9725	0.9715
Sr4215	421.552	{ 8 Y_3710	ppm	6.109	0.0151	0.2478	6.098	6.119
Ti3349	334.904	{1 Y_3600	ppm	0.5602	0.0187	3.332	0.5734	0.547
Tl1908	190.856	{4 In2306	ppm	0.9104	0.0014	0.1503	0.9095	0.9114
V_2924	292.402	{1 Y_3600	ppm	1.166	0.0442	3.786	1.198	1.135
Zn2062	206.200	{4 In2306	ppm	1.792	0.0024	0.1363	1.79	1.794

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.65	1.5875	3.6369	42.528	44.773
In2306	230.606	{4 Cts/S	6687.4	33.529	0.50138	6711.1	6663.6
Y_2243	224.306	{4 Cts/S	11642	78.815	0.67698	11698	11587
Y_3600	360.073	{ 9 Cts/S	97220	2900.2	2.9831	95170	99271
Y_3710	371.030	{ 9 Cts/S	5973.8	25.838	0.43252	5992	5955.5

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2414	0.0005	0.2118	0.2418	0.2411
Al3082	308.215	{1 In2306	ppm	2.587	0.0588	2.274	2.628	2.545
As1890	189.042	{4 Y_2243	ppm	0.479	0.02	4.171	0.4931	0.4648
B_2496	249.678	{1 Y_3710	ppm	0.4685	0.0065	1.386	0.4731	0.4639
Ba4554	455.403	{ 7 Y_3710	ppm	0.4948	0.0018	0.3638	0.4961	0.4935
Be3130	313.042	{1 Y_3710	ppm	0.4826	0.0015	0.31	0.4837	0.4816
Ca3158	315.887	{1 In2306	ppm	12.34	0.1251	1.014	12.43	12.25
Ca3181	318.128	{1 In2306	ppm	12.27	0.2285	1.861	12.44	12.11
Cd2288	228.802	{4 Y_2243	ppm	0.4712	0.0139	2.955	0.481	0.4613
Co2286	228.616	{4 In2306	ppm	0.4744	0.0137	2.881	0.4841	0.4647
Cr2677	267.716	{1 Y_3600	ppm	0.4828	0.0004	0.0753	0.4831	0.4826
Cu3247	324.754	{1 Y_3600	ppm	0.4816	0.0052	1.077	0.4853	0.478
Fe2404	240.488	{1 In2306	ppm	2.408	0.0052	0.2139	2.412	2.405
K_7664	766.490	{ 4 Y_3710	ppm	13.77	0.1837	1.334	13.64	13.9
K_7698	769.896	{ 4 Y_3710	ppm	13.21	0.0909	0.6878	13.15	13.27
Li6707	670.784	{ 5 Y_3710	ppm	0.5417	0.0068	1.25	0.5369	0.5464
Mg2790	279.079	{1 Y_3710	ppm	4.523	0.0346	0.7656	4.547	4.498
Mn2576	257.610	{1 Y_3600	ppm	0.4799	0.0037	0.7664	0.4825	0.4773
Mn2576-2	257.610	{1 Y_3710	ppm	0.4612	0.0015	0.336	0.4623	0.4601
Mo2020	202.030	{4 Y_2243	ppm	0.492	0.0156	3.177	0.503	0.4809
Na5895	589.592	{ 5 Y_3710	ppm	13.53	0.1708	1.263	13.4	13.65
Na8183	818.326	{ 4 Y_3710	ppm	12.68	0.1063	0.8383	12.61	12.76
Ni2316	231.604	{4 In2306	ppm	0.4773	0.0136	2.855	0.487	0.4677
P_1782	178.284	{4 In2306	ppm	0.0022	0.0011	48.57	0.0014	0.003
Pb2203	220.353	{4 In2306	ppm	0.4743	0.0141	2.977	0.4842	0.4643
S_1820	182.034	{4 Y_2243	ppm	-281.1	6.793	2.417	-285.9	-276.3
Sb2068	206.833	{4 Y_2243	ppm	0.4792	0.0176	3.671	0.4917	0.4668
Se1960	196.090	{4 Y_2243	ppm	0.4922	0.0144	2.928	0.5024	0.4821
Si2516	251.611	{1 Y_3710	ppm	0.9695	0.0267	2.759	0.9506	0.9884
Sn1899	189.989	{4 In2306	ppm	0.4859	0.0149	3.063	0.4964	0.4754
Sr4215	421.552	{ 8 Y_3710	ppm	0.252	0.0008	0.3015	0.2526	0.2515
Ti3349	334.904	{1 Y_3600	ppm	0.4975	0.0021	0.4194	0.499	0.496
Tl1908	190.856	{4 In2306	ppm	0.4964	0.0121	2.446	0.505	0.4879
V_2924	292.402	{1 Y_3600	ppm	0.4746	0	0.0098	0.4746	0.4746
Zn2062	206.200	{4 In2306	ppm	0.4658	0.0102	2.181	0.473	0.4586

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.417	0.27938	0.60188	46.22	46.615
In2306	230.606	{4 Cts/S	9760.4	235.62	2.414	9593.8	9927
Y_2243	224.306	{4 Cts/S	12770	350.03	2.741	12523	13018
Y_3600	360.073	{ 9 Cts/S	108690	499.35	0.45941	108340	109050
Y_3710	371.030	{ 9 Cts/S	6732.8	14.958	0.22217	6722.3	6743.4

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0043	0.0002	3.499	0.0044	0.0042
Al3082	308.215	{1 In2306	ppm	0.0884	0.0007	0.7513	0.0889	0.088
As1890	189.042	{4 Y_2243	ppm	0.008	0.0012	15.56	0.0071	0.0089
B_2496	249.678	{1 Y_3710	ppm	0.0072	0.0089	123.1	0.0135	0.0009
Ba4554	455.403	{ 7 Y_3710	ppm	0.0096	0.0006	5.932	0.01	0.0092
Be3130	313.042	{1 Y_3710	ppm	0.0048	0.0002	4.49	0.0049	0.0046
Ca3158	315.887	{1 In2306	ppm	0.0908	0.0119	13.08	0.0991	0.0824
Ca3181	318.128	{1 In2306	ppm	0.1061	0.0163	15.38	0.1177	0.0946
Cd2288	228.802	{4 Y_2243	ppm	0.0059	0.0016	26.9	0.0048	0.0071
Co2286	228.616	{4 In2306	ppm	0.0105	0.0018	17.29	0.0092	0.0118
Cr2677	267.716	{1 Y_3600	ppm	0.0085	0.0001	1.215	0.0086	0.0084
Cu3247	324.754	{1 Y_3600	ppm	0.009	0.0001	1.136	0.009	0.0091
Fe2404	240.488	{1 In2306	ppm	0.0742	0.0369	49.74	0.0481	0.1003
K_7664	766.490	{ 4 Y_3710	ppm	0.7274	0.0633	8.703	0.7721	0.6826
K_7698	769.896	{ 4 Y_3710	ppm	0.8329	0.0317	3.803	0.8553	0.8105
Li6707	670.784	{ 5 Y_3710	ppm	0.0103	0.0001	1.435	0.0104	0.0102
Mg2790	279.079	{1 Y_3710	ppm	0.0172	0.0505	293.6	-0.0185	0.053
Mn2576	257.610	{1 Y_3600	ppm	0.0094	0	0.2296	0.0094	0.0094
Mn2576-2	257.610	{1 Y_3710	ppm	0.0064	0.0026	40.5	0.0082	0.0045
Mo2020	202.030	{4 Y_2243	ppm	0.0124	0.0026	21.05	0.0106	0.0143
Na5895	589.592	{ 5 Y_3710	ppm	0.6748	0.0122	1.808	0.6834	0.6661
Na8183	818.326	{ 4 Y_3710	ppm	0.7239	0.0926	12.79	0.7894	0.6584
Ni2316	231.604	{4 In2306	ppm	0.0109	0.0017	15.11	0.0098	0.0121
P_1782	178.284	{4 In2306	ppm	0.0085	0.0013	15.9	0.0094	0.0075
Pb2203	220.353	{4 In2306	ppm	0.0115	0.001	8.848	0.0107	0.0122
S_1820	182.034	{4 Y_2243	ppm	-2.439	0.6581	26.98	-1.974	-2.905
Sb2068	206.833	{4 Y_2243	ppm	0.0191	0.0024	12.43	0.0175	0.0208
Se1960	196.090	{4 Y_2243	ppm	0.0111	0.0014	12.99	0.0101	0.0121
Si2516	251.611	{1 Y_3710	ppm	0.0109	0.0013	12.19	0.0118	0.0099
Sn1899	189.989	{4 In2306	ppm	0.0117	0.0026	21.91	0.0099	0.0135
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0.0002	4.59	0.0048	0.0045
Ti3349	334.904	{1 Y_3600	ppm	0.0095	0.0006	6.22	0.0099	0.0091
Tl1908	190.856	{4 In2306	ppm	0.011	0.0019	17.08	0.0096	0.0123
V_2924	292.402	{1 Y_3600	ppm	0.0085	0	0.2208	0.0086	0.0085
Zn2062	206.200	{4 In2306	ppm	0.0104	0.0017	16.4	0.0092	0.0116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.112	0.29674	0.62987	47.321	46.902
In2306	230.606	{4 Cts/S	10224	55.95	0.54726	10263	10184
Y_2243	224.306	{4 Cts/S	12927	91.41	0.70715	12991	12862
Y_3600	360.073	{ 9 Cts/S	116250	719.43	0.61886	115740	116760
Y_3710	371.030	{ 9 Cts/S	6726.1	76.316	1.1346	6672.1	6780

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	79.1	-0.0004	-0.0001
Al3082	308.215	{1 In2306	ppm	-0.0238	0.0004	1.724	-0.0235	-0.0241
As1890	189.042	{4 Y_2243	ppm	-0.0008	0.0009	109.4	-0.0002	-0.0014
B_2496	249.678	{1 Y_3710	ppm	-0.0055	0.001	18.39	-0.0048	-0.0063
Ba4554	455.403	{ 7 Y_3710	ppm	0.0001	0.0002	148	0.0003	0
Be3130	313.042	{1 Y_3710	ppm	0	0	101.5	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0087	0.0069	79.17	-0.0136	-0.0038
Ca3181	318.128	{1 In2306	ppm	-0.0065	0.0812	1254	0.051	-0.0639
Cd2288	228.802	{4 Y_2243	ppm	0	0	189.7	0	0
Co2286	228.616	{4 In2306	ppm	0	0	23.97	0	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0	3.597	-0.0004	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	-0.0005	0.0001	23.8	-0.0004	-0.0005
Fe2404	240.488	{1 In2306	ppm	0.0038	0.0055	144.9	0.0077	-0.0001
K_7664	766.490	{ 4 Y_3710	ppm	0.0331	0.0067	20.22	0.0284	0.0378
K_7698	769.896	{ 4 Y_3710	ppm	0.1983	0.0056	2.805	0.2023	0.1944
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0002	210.3	-0.0002	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0274	0.0086	31.23	-0.0213	-0.0334
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	4.35	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0002	0.0005	247.7	-0.0001	0.0005
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0001	16.68	0.0003	0.0004
Na5895	589.592	{ 5 Y_3710	ppm	0.0376	0.0033	8.683	0.0353	0.0399
Na8183	818.326	{ 4 Y_3710	ppm	0.1986	0.1363	68.63	0.295	0.1022
Ni2316	231.604	{4 In2306	ppm	0.0001	0.0001	75.17	0.0001	0
P_1782	178.284	{4 In2306	ppm	0	0.0005	2803	0.0004	-0.0004
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0011	124.2	0.0017	0.0001
S_1820	182.034	{4 Y_2243	ppm	-1.78	0.6103	34.28	-2.212	-1.349
Sb2068	206.833	{4 Y_2243	ppm	0.0023	0.0003	11.44	0.0021	0.0025
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.0003	65.79	-0.0002	-0.0007
Si2516	251.611	{1 Y_3710	ppm	0.0136	0.0083	60.61	0.0195	0.0078
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	167	0.0001	0
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	46.59	-0.0001	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0006	0.0001	18.7	0.0005	0.0007
Tl1908	190.856	{4 In2306	ppm	0.0005	0.0007	127	0.0001	0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0002	175.9	0	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0.0001	86.72	0	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.029	0.02525	0.05258	48.011	48.046
In2306	230.606	{4 Cts/S	10245	29.037	0.28342	10266	10225
Y_2243	224.306	{4 Cts/S	12851	26.247	0.20424	12870	12833
Y_3600	360.073	{ 9 Cts/S	113260	1561.7	1.3789	112150	114360
Y_3710	371.030	{ 9 Cts/S	6733.6	171.53	2.5473	6612.3	6854.9

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5189	0.0083	1.598	0.5248	0.513
Al3082	308.215	{1 In2306	ppm	256.1	2.737	1.069	258	254.2
As1890	189.042	{4 Y_2243	ppm	1.003	0.0047	0.4658	1.006	0.9996
B_2496	249.678	{1 Y_3710	ppm	0.8522	0.0179	2.102	0.8395	0.8649
Ba4554	455.403	{ 7 Y_3710	ppm	3.231	0.0464	1.437	3.263	3.198
Be3130	313.042	{1 Y_3710	ppm	0.5185	0.0045	0.877	0.5217	0.5153
Ca3158	315.887	{1 In2306	ppm	2123	14.01	0.6601	2133	2113
Ca3181	318.128	{1 In2306	ppm	2259	14.19	0.6281	2269	2249
Cd2288	228.802	{4 Y_2243	ppm	0.4665	0.0058	1.253	0.4707	0.4624
Co2286	228.616	{4 In2306	ppm	1.101	0.0197	1.793	1.115	1.087
Cr2677	267.716	{1 Y_3600	ppm	0.9652	0.0223	2.306	0.9809	0.9494
Cu3247	324.754	{1 Y_3600	ppm	1.11	0.0225	2.032	1.126	1.094
Fe2404	240.488	{1 In2306	ppm	176.7	1.861	1.053	178	175.4
K_7664	766.490	{ 4 Y_3710	ppm	41.73	0.6307	1.512	42.17	41.28
K_7698	769.896	{ 4 Y_3710	ppm	41.37	0.4935	1.193	41.72	41.03
Li6707	670.784	{ 5 Y_3710	ppm	0.7749	0.0141	1.825	0.7849	0.7649
Mg2790	279.079	{1 Y_3710	ppm	52.32	0.2425	0.4634	52.49	52.15
Mn2576	257.610	{1 Y_3600	ppm	10.8	0.1149	1.063	10.88	10.72
Mn2576-2	257.610	{1 Y_3710	ppm	14.56	0.1836	1.261	14.69	14.43
Mo2020	202.030	{4 Y_2243	ppm	0.7209	0.0131	1.815	0.7301	0.7116
Na5895	589.592	{ 5 Y_3710	ppm	14.1	0.1923	1.364	14.23	13.96
Na8183	818.326	{ 4 Y_3710	ppm	14.15	0.2891	2.043	14.35	13.94
Ni2316	231.604	{4 In2306	ppm	1.237	0.0236	1.909	1.254	1.22
P_1782	178.284	{4 In2306	ppm	10.58	0.2112	1.996	10.73	10.43
Pb2203	220.353	{4 In2306	ppm	1.328	0.0294	2.213	1.349	1.307
S_1820	182.034	{4 Y_2243	ppm	-2596	30.64	1.18	-2617	-2574
Sb2068	206.833	{4 Y_2243	ppm	0.2817	0.0034	1.21	0.2793	0.2842
Se1960	196.090	{4 Y_2243	ppm	0.9542	0.0096	1.002	0.9609	0.9474
Si2516	251.611	{1 Y_3710	ppm	23.95	0.2879	1.202	24.16	23.75
Sn1899	189.989	{4 In2306	ppm	0.9786	0.0211	2.155	0.9936	0.9637
Sr4215	421.552	{ 8 Y_3710	ppm	5.926	0.0732	1.235	5.978	5.874
Ti3349	334.904	{1 Y_3600	ppm	0.6395	0.0139	2.18	0.6493	0.6296
Tl1908	190.856	{4 In2306	ppm	0.9202	0.0178	1.932	0.9328	0.9076
V_2924	292.402	{1 Y_3600	ppm	1.182	0.0241	2.042	1.199	1.165
Zn2062	206.200	{4 In2306	ppm	1.854	0.0359	1.934	1.88	1.829

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	42.312	0.3349	0.7915	42.076	42.549
In2306	230.606	{4 Cts/S	6777.8	86.957	1.283	6716.3	6839.3
Y_2243	224.306	{4 Cts/S	11755	91.718	0.78024	11690	11820
Y_3600	360.073	{ 9 Cts/S	98458	1603.2	1.6283	97325	99592
Y_3710	371.030	{ 9 Cts/S	5878.8	38.744	0.65905	5851.4	5906.2

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Run Time=1/14/2012 15:37:04
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0	16.88	0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	141.2	6.497	4.601	136.6	145.8
As1890	189.042	{4 Y_2243	ppm	0.0839	0.0137	16.3	0.0742	0.0936
B_2496	249.678	{1 Y_3710	ppm	0.0653	0.0018	2.823	0.064	0.0666
Ba4554	455.403	{ 7 Y_3710	ppm	1.348	0.0489	3.628	1.314	1.383
Be3130	313.042	{1 Y_3710	ppm	0.0076	0.0002	3.066	0.0074	0.0077
Ca3158	315.887	{1 In2306	ppm	2535	71.07	2.804	2485	2585
Ca3181	318.128	{1 In2306	ppm	2804	134.5	4.796	2709	2899
Cd2288	228.802	{4 Y_2243	ppm	0.0119	0.0074	61.87	0.0067	0.0171
Co2286	228.616	{4 In2306	ppm	0.0994	0.0154	15.53	0.0885	0.1104
Cr2677	267.716	{1 Y_3600	ppm	0.1184	0.0013	1.085	0.1193	0.1175
Cu3247	324.754	{1 Y_3600	ppm	0.1351	0.0003	0.1928	0.1352	0.1349
Fe2404	240.488	{1 In2306	ppm	120.6	5.665	4.698	116.6	124.6
K_7664	766.490	{ 4 Y_3710	ppm	25.01	0.7074	2.829	24.51	25.51
K_7698	769.896	{ 4 Y_3710	ppm	25.01	0.9464	3.783	24.35	25.68
Li6707	670.784	{ 5 Y_3710	ppm	0.1184	0.0052	4.419	0.1147	0.1221
Mg2790	279.079	{1 Y_3710	ppm	28.83	1.383	4.796	27.86	29.81
Mn2576	257.610	{1 Y_3600	ppm	8.42	0.0814	0.9667	8.478	8.363
Mn2576-2	257.610	{1 Y_3710	ppm	10.16	0.3722	3.665	9.894	10.42
Mo2020	202.030	{4 Y_2243	ppm	0.0173	0.0127	73.72	0.0083	0.0262
Na5895	589.592	{ 5 Y_3710	ppm	2.083	0.0519	2.492	2.047	2.12
Na8183	818.326	{ 4 Y_3710	ppm	2.289	0.0657	2.87	2.243	2.336
Ni2316	231.604	{4 In2306	ppm	0.2225	0.0146	6.556	0.2122	0.2329
P_1782	178.284	{4 In2306	ppm	9.976	0.0232	0.2327	9.992	9.96
Pb2203	220.353	{4 In2306	ppm	0.4864	0.0096	1.975	0.4796	0.4932
S_1820	182.034	{4 Y_2243	ppm	-2070	1.251	0.0605	-2071	-2069
Sb2068	206.833	{4 Y_2243	ppm	0.0082	0.0036	43.45	0.0057	0.0108
Se1960	196.090	{4 Y_2243	ppm	0.024	0.0133	55.51	0.0146	0.0334
Si2516	251.611	{1 Y_3710	ppm	20.97	0.7214	3.44	20.46	21.48
Sn1899	189.989	{4 In2306	ppm	0.0646	0.0142	22.06	0.0545	0.0747
Sr4215	421.552	{ 8 Y_3710	ppm	6.505	0.2393	3.679	6.335	6.674
Ti3349	334.904	{1 Y_3600	ppm	0.3625	0.0009	0.2443	0.3618	0.3631
Tl1908	190.856	{4 In2306	ppm	0.0012	0.0163	1327	-0.0103	0.0127
V_2924	292.402	{1 Y_3600	ppm	0.2832	0.0013	0.4414	0.2841	0.2824
Zn2062	206.200	{4 In2306	ppm	0.712	0.0124	1.742	0.7033	0.7208

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.356	1.1113	2.5631	44.142	42.57
In2306	230.606	{4 Cts/S	6605.2	0.69271	0.01049	6605.7	6604.7
Y_2243	224.306	{4 Cts/S	11206	17.232	0.15378	11218	11194
Y_3600	360.073	{ 9 Cts/S	96235	166.6	0.17312	96118	96353
Y_3710	371.030	{ 9 Cts/S	6289.1	140.74	2.2379	6388.6	6189.6

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:39:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0006	0.0002	32.14	-0.0007	-0.0004
Al3082	308.215	{1 In2306	ppm	156.5	3.384	2.162	154.1	158.9
As1890	189.042	{4 Y_2243	ppm	0.0924	0.0017	1.834	0.0912	0.0936
B_2496	249.678	{1 Y_3710	ppm	0.0686	0.0111	16.22	0.0607	0.0765
Ba4554	455.403	{ 7 Y_3710	ppm	1.444	0.0015	0.1035	1.445	1.443
Be3130	313.042	{1 Y_3710	ppm	0.0084	0.0001	1.633	0.0083	0.0085
Ca3158	315.887	{1 In2306	ppm	2457	60.67	2.469	2414	2500
Ca3181	318.128	{1 In2306	ppm	2659	63.23	2.378	2614	2703
Cd2288	228.802	{4 Y_2243	ppm	0.0068	0.0021	30.1	0.0054	0.0083
Co2286	228.616	{4 In2306	ppm	0.0872	0.005	5.766	0.0836	0.0908
Cr2677	267.716	{1 Y_3600	ppm	0.1353	0.0025	1.837	0.1371	0.1335
Cu3247	324.754	{1 Y_3600	ppm	0.1359	0.0004	0.2739	0.1356	0.1361
Fe2404	240.488	{1 In2306	ppm	131.3	3.044	2.319	129.1	133.4
K_7664	766.490	{ 4 Y_3710	ppm	21.01	0.0767	0.365	20.96	21.07
K_7698	769.896	{ 4 Y_3710	ppm	20.88	0.0054	0.0259	20.88	20.87
Li6707	670.784	{ 5 Y_3710	ppm	0.1202	0.0008	0.6803	0.1208	0.1196
Mg2790	279.079	{1 Y_3710	ppm	32.9	0.1483	0.451	32.79	33
Mn2576	257.610	{1 Y_3600	ppm	7.766	0.0199	0.2566	7.78	7.752
Mn2576-2	257.610	{1 Y_3710	ppm	9.682	0.0255	0.2633	9.664	9.7
Mo2020	202.030	{4 Y_2243	ppm	0.0062	0.0038	61.01	0.0035	0.0089
Na5895	589.592	{ 5 Y_3710	ppm	2.038	0.012	0.5873	2.046	2.03
Na8183	818.326	{ 4 Y_3710	ppm	2.043	0.0122	0.5988	2.052	2.035
Ni2316	231.604	{4 In2306	ppm	0.2061	0.0049	2.37	0.2027	0.2096
P_1782	178.284	{4 In2306	ppm	9.241	0.0854	0.9247	9.18	9.301
Pb2203	220.353	{4 In2306	ppm	0.3259	0.0095	2.924	0.3191	0.3326
S_1820	182.034	{4 Y_2243	ppm	-2321	26.58	1.145	-2302	-2340
Sb2068	206.833	{4 Y_2243	ppm	-0.0013	0.0041	315.6	-0.0042	0.0016
Se1960	196.090	{4 Y_2243	ppm	0.0119	0.0041	34.26	0.009	0.0148
Si2516	251.611	{1 Y_3710	ppm	20.25	0.0782	0.3864	20.19	20.31
Sn1899	189.989	{4 In2306	ppm	0.0542	0.005	9.198	0.0507	0.0578
Sr4215	421.552	{ 8 Y_3710	ppm	6.035	0.0041	0.0686	6.032	6.038
Ti3349	334.904	{1 Y_3600	ppm	0.3402	0.003	0.873	0.3423	0.3381
Tl1908	190.856	{4 In2306	ppm	-0.0099	0.0019	18.99	-0.0112	-0.0086
V_2924	292.402	{1 Y_3600	ppm	0.2866	0.0037	1.298	0.2892	0.284
Zn2062	206.200	{4 In2306	ppm	1.412	0.0008	0.0552	1.411	1.412

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	41.764	0.92415	2.2128	42.417	41.11
In2306	230.606	{4 Cts/S	6717.8	79.778	1.1876	6774.2	6661.4
Y_2243	224.306	{4 Cts/S	11416	147.58	1.2928	11520	11311
Y_3600	360.073	{ 9 Cts/S	97036	409.58	0.42209	96746	97325
Y_3710	371.030	{ 9 Cts/S	6078	7.6685	0.12617	6083.5	6072.6

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0007	0	4.058	-0.0007	-0.0007
Al3082	308.215	{1 In2306	ppm	272.2	7.92	2.909	266.6	277.8
As1890	189.042	{4 Y_2243	ppm	0.1077	0.0012	1.09	0.1085	0.1069
B_2496	249.678	{1 Y_3710	ppm	0.0458	0.0089	19.32	0.0396	0.0521
Ba4554	455.403	{ 7 Y_3710	ppm	2.694	0.0336	1.246	2.67	2.717
Be3130	313.042	{1 Y_3710	ppm	0.0133	0	0.3677	0.0132	0.0133
Ca3158	315.887	{1 In2306	ppm	2308	56.17	2.433	2269	2348
Ca3181	318.128	{1 In2306	ppm	2463	60.19	2.444	2421	2506
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0002	3.345	0.0053	0.0055
Co2286	228.616	{4 In2306	ppm	0.1572	0.0021	1.307	0.1587	0.1558
Cr2677	267.716	{1 Y_3600	ppm	0.1663	0.0001	0.0386	0.1663	0.1663
Cu3247	324.754	{1 Y_3600	ppm	0.124	0.0004	0.3354	0.1243	0.1237
Fe2404	240.488	{1 In2306	ppm	190	4.79	2.521	186.6	193.4
K_7664	766.490	{ 4 Y_3710	ppm	26.15	0.3878	1.483	25.88	26.42
K_7698	769.896	{ 4 Y_3710	ppm	25.8	0.4055	1.572	25.51	26.09
Li6707	670.784	{ 5 Y_3710	ppm	0.1773	0.0035	2.001	0.1748	0.1798
Mg2790	279.079	{1 Y_3710	ppm	37.48	0.2978	0.7946	37.27	37.69
Mn2576	257.610	{1 Y_3600	ppm	12.98	0.0532	0.4101	12.94	13.02
Mn2576-2	257.610	{1 Y_3710	ppm	17.33	0.1891	1.091	17.2	17.47
Mo2020	202.030	{4 Y_2243	ppm	0.0013	0.0006	49.4	0.0008	0.0017
Na5895	589.592	{ 5 Y_3710	ppm	1.747	0.0266	1.521	1.729	1.766
Na8183	818.326	{ 4 Y_3710	ppm	2.08	0.0166	0.7977	2.092	2.069
Ni2316	231.604	{4 In2306	ppm	0.3073	0.0052	1.684	0.311	0.3037
P_1782	178.284	{4 In2306	ppm	7.859	0.0766	0.9749	7.913	7.804
Pb2203	220.353	{4 In2306	ppm	0.2622	0.0022	0.8516	0.2638	0.2606
S_1820	182.034	{4 Y_2243	ppm	-1467	7.817	0.5326	-1473	-1462
Sb2068	206.833	{4 Y_2243	ppm	-0.0054	0.0005	10.05	-0.0057	-0.005
Se1960	196.090	{4 Y_2243	ppm	0.0126	0.0023	18.31	0.0109	0.0142
Si2516	251.611	{1 Y_3710	ppm	23.47	0.1626	0.6926	23.36	23.59
Sn1899	189.989	{4 In2306	ppm	0.0451	0.0003	0.7606	0.0453	0.0449
Sr4215	421.552	{ 8 Y_3710	ppm	4.088	0.0438	1.072	4.057	4.119
Ti3349	334.904	{1 Y_3600	ppm	0.2738	0.001	0.353	0.2731	0.2745
Tl1908	190.856	{4 In2306	ppm	-0.0155	0.0018	11.49	-0.0142	-0.0168
V_2924	292.402	{1 Y_3600	ppm	0.4514	0.0027	0.5999	0.4533	0.4494
Zn2062	206.200	{4 In2306	ppm	0.7863	0.0019	0.2377	0.785	0.7876

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	38.96	0.97055	2.4911	39.646	38.274
In2306	230.606	{4 Cts/S	6846.6	57.936	0.84619	6805.7	6887.6
Y_2243	224.306	{4 Cts/S	12122	90.458	0.74625	12058	12186
Y_3600	360.073	{ 9 Cts/S	101460	246.76	0.24321	101290	101640
Y_3710	371.030	{ 9 Cts/S	6032.2	63.535	1.0533	6077.1	5987.3

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4672	0.0387	8.277	0.4945	0.4398
Al3082	308.215	{1 In2306	ppm	192.5	1.389	0.7218	193.4	191.5
As1890	189.042	{4 Y_2243	ppm	0.982	0.0126	1.283	0.991	0.9731
B_2496	249.678	{1 Y_3710	ppm	1.032	0.0425	4.121	1.062	1.002
Ba4554	455.403	{ 7 Y_3710	ppm	3.103	0.1007	3.246	3.174	3.032
Be3130	313.042	{1 Y_3710	ppm	0.4812	0.0154	3.195	0.4921	0.4703
Ca3158	315.887	{1 In2306	ppm	2130	8.829	0.4145	2136	2124
Ca3181	318.128	{1 In2306	ppm	2258	13.86	0.6136	2268	2248
Cd2288	228.802	{4 Y_2243	ppm	0.4465	0.0036	0.8101	0.4491	0.444
Co2286	228.616	{4 In2306	ppm	1.047	0.0052	0.4947	1.051	1.044
Cr2677	267.716	{1 Y_3600	ppm	0.8636	0.0669	7.745	0.9108	0.8163
Cu3247	324.754	{1 Y_3600	ppm	0.9788	0.0826	8.444	1.037	0.9203
Fe2404	240.488	{1 In2306	ppm	150.7	0.9105	0.604	151.4	150.1
K_7664	766.490	{ 4 Y_3710	ppm	33.79	1.154	3.415	34.6	32.97
K_7698	769.896	{ 4 Y_3710	ppm	33.31	1.135	3.409	34.11	32.5
Li6707	670.784	{ 5 Y_3710	ppm	1.271	0.048	3.779	1.305	1.237
Mg2790	279.079	{1 Y_3710	ppm	40	1.204	3.01	40.85	39.15
Mn2576	257.610	{1 Y_3600	ppm	10.08	0.8118	8.05	10.66	9.51
Mn2576-2	257.610	{1 Y_3710	ppm	13.38	0.4449	3.325	13.7	13.07
Mo2020	202.030	{4 Y_2243	ppm	0.8036	0.0085	1.055	0.8096	0.7976
Na5895	589.592	{ 5 Y_3710	ppm	13.33	0.4696	3.522	13.67	13
Na8183	818.326	{ 4 Y_3710	ppm	12.93	0.4423	3.422	13.24	12.61
Ni2316	231.604	{4 In2306	ppm	1.171	0.0047	0.3989	1.174	1.167
P_1782	178.284	{4 In2306	ppm	10.29	0.0634	0.6162	10.33	10.24
Pb2203	220.353	{4 In2306	ppm	1.253	0.0048	0.3847	1.257	1.25
S_1820	182.034	{4 Y_2243	ppm	-2140	15.46	0.7225	-2151	-2129
Sb2068	206.833	{4 Y_2243	ppm	0.8908	0.0155	1.74	0.9017	0.8798
Se1960	196.090	{4 Y_2243	ppm	0.9298	0.0032	0.3391	0.932	0.9275
Si2516	251.611	{1 Y_3710	ppm	19.8	0.6131	3.097	20.23	19.36
Sn1899	189.989	{4 In2306	ppm	1.001	0.0063	0.6323	1.005	0.996
Sr4215	421.552	{ 8 Y_3710	ppm	5.517	0.1736	3.147	5.64	5.395
Ti3349	334.904	{1 Y_3600	ppm	1.037	0.0856	8.26	1.097	0.976
Tl1908	190.856	{4 In2306	ppm	0.8774	0.0047	0.5314	0.8807	0.8742
V_2924	292.402	{1 Y_3600	ppm	1.064	0.0847	7.959	1.124	1.004
Zn2062	206.200	{4 In2306	ppm	1.627	0.0061	0.3746	1.631	1.623

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	39.528	0.05687	0.14387	39.568	39.488
In2306	230.606	{4 Cts/S	6875.7	20.164	0.29326	6861.4	6890
Y_2243	224.306	{4 Cts/S	11750	56.245	0.4787	11710	11789
Y_3600	360.073	{ 9 Cts/S	103050	6679.7	6.4821	98325	107770
Y_3710	371.030	{ 9 Cts/S	5889.2	152.02	2.5813	5781.7	5996.7

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0002	123.4	0	-0.0002
Al3082	308.215	{1 In2306	ppm	35.64	0.3608	1.012	35.9	35.38
As1890	189.042	{4 Y_2243	ppm	0.0185	0.009	48.67	0.0122	0.0249
B_2496	249.678	{1 Y_3710	ppm	-0.0056	0.009	159.5	0.0007	-0.012
Ba4554	455.403	{ 7 Y_3710	ppm	0.3916	0.0177	4.519	0.4041	0.3791
Be3130	313.042	{1 Y_3710	ppm	0.0021	0.0003	13.31	0.0023	0.0019
Ca3158	315.887	{1 In2306	ppm	452.3	1.328	0.2936	451.3	453.2
Ca3181	318.128	{1 In2306	ppm	452.8	1.678	0.3705	451.6	454
Cd2288	228.802	{4 Y_2243	ppm	0.0034	0.0033	96.86	0.0011	0.0057
Co2286	228.616	{4 In2306	ppm	0.0281	0.0083	29.56	0.0222	0.034
Cr2677	267.716	{1 Y_3600	ppm	0.0288	0	0.0091	0.0288	0.0288
Cu3247	324.754	{1 Y_3600	ppm	0.0253	0.0006	2.214	0.0249	0.0257
Fe2404	240.488	{1 In2306	ppm	28.82	0.0087	0.0303	28.82	28.81
K_7664	766.490	{ 4 Y_3710	ppm	4.224	0.2812	6.657	4.423	4.025
K_7698	769.896	{ 4 Y_3710	ppm	4.178	0.1936	4.633	4.315	4.041
Li6707	670.784	{ 5 Y_3710	ppm	0.0263	0.0014	5.369	0.0273	0.0253
Mg2790	279.079	{1 Y_3710	ppm	6.067	0.1551	2.556	6.177	5.958
Mn2576	257.610	{1 Y_3600	ppm	2.419	0.0352	1.456	2.394	2.443
Mn2576-2	257.610	{1 Y_3710	ppm	2.521	0.0886	3.513	2.584	2.458
Mo2020	202.030	{4 Y_2243	ppm	0.0083	0.0083	100.4	0.0024	0.0142
Na5895	589.592	{ 5 Y_3710	ppm	0.3836	0.0206	5.359	0.3981	0.3691
Na8183	818.326	{ 4 Y_3710	ppm	0.4654	0.021	4.521	0.4505	0.4802
Ni2316	231.604	{4 In2306	ppm	0.0525	0.0093	17.71	0.046	0.0591
P_1782	178.284	{4 In2306	ppm	1.764	0.0689	3.904	1.715	1.813
Pb2203	220.353	{4 In2306	ppm	0.0776	0.0077	9.957	0.0722	0.0831
S_1820	182.034	{4 Y_2243	ppm	-475.3	9.022	1.898	-468.9	-481.7
Sb2068	206.833	{4 Y_2243	ppm	0.0178	0.0058	32.63	0.0137	0.0218
Se1960	196.090	{4 Y_2243	ppm	0.0064	0.005	78.21	0.0029	0.0099
Si2516	251.611	{1 Y_3710	ppm	3.63	0.0924	2.545	3.695	3.565
Sn1899	189.989	{4 In2306	ppm	0.0175	0.0094	53.68	0.0109	0.0242
Sr4215	421.552	{ 8 Y_3710	ppm	0.9913	0.0437	4.409	1.022	0.9604
Ti3349	334.904	{1 Y_3600	ppm	0.0549	0.0006	1.111	0.0545	0.0554
Tl1908	190.856	{4 In2306	ppm	0.0028	0.0062	217.4	-0.0015	0.0072
V_2924	292.402	{1 Y_3600	ppm	0.0748	0.001	1.292	0.0741	0.0755
Zn2062	206.200	{4 In2306	ppm	0.1557	0.0127	8.128	0.1468	0.1647

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	41.636	0.00196	0.00472	41.637	41.634
In2306	230.606	{4 Cts/S	8397.7	77.724	0.92553	8452.7	8342.7
Y_2243	224.306	{4 Cts/S	12163	72.059	0.59244	12214	12112
Y_3600	360.073	{ 9 Cts/S	104820	672.87	0.64191	105300	104350
Y_3710	371.030	{ 9 Cts/S	6282.2	205.8	3.2759	6136.7	6427.7

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2398	0.0037	1.533	0.2424	0.2372
Al3082	308.215 {1	In2306	ppm	2.673	0.0446	1.669	2.642	2.705
As1890	189.042 {4	Y_2243	ppm	0.4836	0.0033	0.6763	0.4859	0.4812
B_2496	249.678 {1	Y_3710	ppm	0.4518	0.0128	2.831	0.4427	0.4608
Ba4554	455.403 { 7	Y_3710	ppm	0.505	0.0126	2.49	0.4961	0.5139
Be3130	313.042 {1	Y_3710	ppm	0.4844	0.0123	2.545	0.4757	0.4932
Ca3158	315.887 {1	In2306	ppm	12.52	0.0787	0.6287	12.47	12.58
Ca3181	318.128 {1	In2306	ppm	12.45	0.1891	1.52	12.31	12.58
Cd2288	228.802 {4	Y_2243	ppm	0.4766	0.0063	1.312	0.4811	0.4722
Co2286	228.616 {4	In2306	ppm	0.478	0.0033	0.6977	0.4804	0.4757
Cr2677	267.716 {1	Y_3600	ppm	0.4779	0.0142	2.974	0.4879	0.4678
Cu3247	324.754 {1	Y_3600	ppm	0.4764	0.0102	2.136	0.4836	0.4692
Fe2404	240.488 {1	In2306	ppm	2.302	0.0435	1.89	2.271	2.333
K_7664	766.490 { 4	Y_3710	ppm	14.07	0.3899	2.771	13.8	14.35
K_7698	769.896 { 4	Y_3710	ppm	13.53	0.3209	2.372	13.3	13.75
Li6707	670.784 { 5	Y_3710	ppm	0.5577	0.0111	1.993	0.5499	0.5656
Mg2790	279.079 {1	Y_3710	ppm	4.498	0.0817	1.817	4.44	4.555
Mn2576	257.610 {1	Y_3600	ppm	0.4729	0.011	2.325	0.4807	0.4651
Mn2576-2	257.610 {1	Y_3710	ppm	0.4484	0.0105	2.343	0.441	0.4558
Mo2020	202.030 {4	Y_2243	ppm	0.4966	0.0081	1.633	0.5023	0.4909
Na5895	589.592 { 5	Y_3710	ppm	13.92	0.3383	2.43	13.69	14.16
Na8183	818.326 { 4	Y_3710	ppm	13.35	0.242	1.813	13.18	13.52
Ni2316	231.604 {4	In2306	ppm	0.4808	0.0037	0.7715	0.4834	0.4782
P_1782	178.284 {4	In2306	ppm	0.0021	0.0034	157.2	-0.0002	0.0045
Pb2203	220.353 {4	In2306	ppm	0.4798	0.0018	0.3821	0.4811	0.4785
S_1820	182.034 {4	Y_2243	ppm	-283.3	1.877	0.6624	-284.6	-282
Sb2068	206.833 {4	Y_2243	ppm	0.4861	0.008	1.643	0.4918	0.4805
Se1960	196.090 {4	Y_2243	ppm	0.4986	0.0056	1.12	0.5026	0.4947
Si2516	251.611 {1	Y_3710	ppm	0.8867	0.0253	2.858	0.8688	0.9046
Sn1899	189.989 {4	In2306	ppm	0.4878	0.0044	0.8945	0.4908	0.4847
Sr4215	421.552 { 8	Y_3710	ppm	0.2577	0.0064	2.491	0.2532	0.2623
Ti3349	334.904 {1	Y_3600	ppm	0.4906	0.0109	2.231	0.4984	0.4829
Tl1908	190.856 {4	In2306	ppm	0.4982	0.0049	0.9888	0.5017	0.4947
V_2924	292.402 {1	Y_3600	ppm	0.464	0.01	2.163	0.4711	0.4569
Zn2062	206.200 {4	In2306	ppm	0.4674	0.0012	0.246	0.4682	0.4666

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	43.917	0.20355	0.46348	44.061	43.773
In2306	230.606 {4	Cts/S	9634.7	67.828	0.704	9586.7	9682.7
Y_2243	224.306 {4	Cts/S	12570	137.85	1.0967	12473	12667
Y_3600	360.073 { 9	Cts/S	109320	1583.3	1.4482	108200	110440
Y_3710	371.030 { 9	Cts/S	6484.5	147.74	2.2784	6588.9	6380

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0048	0.0003	6.584	0.0051	0.0046
Al3082	308.215	{1 In2306	ppm	0.1232	0.0206	16.76	0.1378	0.1086
As1890	189.042	{4 Y_2243	ppm	0.0088	0.0013	14.76	0.0079	0.0097
B_2496	249.678	{1 Y_3710	ppm	0.0011	0.0028	264.4	0.003	-0.0009
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0	0.4486	0.0095	0.0096
Be3130	313.042	{1 Y_3710	ppm	0.0047	0.0003	5.591	0.0049	0.0045
Ca3158	315.887	{1 In2306	ppm	0.0902	0.0034	3.734	0.0878	0.0926
Ca3181	318.128	{1 In2306	ppm	0.1123	0.023	20.48	0.096	0.1285
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0008	14.69	0.0048	0.0059
Co2286	228.616	{4 In2306	ppm	0.01	0.0011	11.18	0.0092	0.0108
Cr2677	267.716	{1 Y_3600	ppm	0.0088	0.0003	3.66	0.0086	0.0091
Cu3247	324.754	{1 Y_3600	ppm	0.0094	0.0004	4.69	0.0091	0.0097
Fe2404	240.488	{1 In2306	ppm	0.0977	0.0157	16.06	0.1087	0.0866
K_7664	766.490	{ 4 Y_3710	ppm	0.7173	0.0258	3.592	0.7355	0.6991
K_7698	769.896	{ 4 Y_3710	ppm	0.7801	0.0375	4.801	0.7536	0.8066
Li6707	670.784	{ 5 Y_3710	ppm	0.0109	0.0004	3.618	0.0112	0.0107
Mg2790	279.079	{1 Y_3710	ppm	0.0895	0.0184	20.51	0.1025	0.0765
Mn2576	257.610	{1 Y_3600	ppm	0.0096	0.0001	1.035	0.0095	0.0097
Mn2576-2	257.610	{1 Y_3710	ppm	0.0081	0.0003	3.351	0.0079	0.0083
Mo2020	202.030	{4 Y_2243	ppm	0.0116	0.0011	9.914	0.0107	0.0124
Na5895	589.592	{ 5 Y_3710	ppm	0.6673	0.0024	0.3552	0.6656	0.669
Na8183	818.326	{ 4 Y_3710	ppm	0.7406	0.2283	30.83	0.5791	0.9021
Ni2316	231.604	{4 In2306	ppm	0.0098	0.0008	8.366	0.0092	0.0103
P_1782	178.284	{4 In2306	ppm	0.0091	0.0005	6.001	0.0095	0.0087
Pb2203	220.353	{4 In2306	ppm	0.0101	0.0009	8.704	0.0095	0.0107
S_1820	182.034	{4 Y_2243	ppm	-1.474	0.4146	28.13	-1.767	-1.18
Sb2068	206.833	{4 Y_2243	ppm	0.0174	0.0013	7.652	0.0164	0.0183
Se1960	196.090	{4 Y_2243	ppm	0.0088	0.0027	30.26	0.007	0.0107
Si2516	251.611	{1 Y_3710	ppm	0.0209	0.0261	124.8	0.0394	0.0025
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0009	8.465	0.0101	0.0114
Sr4215	421.552	{ 8 Y_3710	ppm	0.0048	0.0001	1.185	0.0048	0.0048
Ti3349	334.904	{1 Y_3600	ppm	0.0102	0.0003	2.718	0.0104	0.01
Tl1908	190.856	{4 In2306	ppm	0.0105	0.0013	11.91	0.0096	0.0114
V_2924	292.402	{1 Y_3600	ppm	0.0088	0.0001	1.43	0.0087	0.0089
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0009	9.581	0.009	0.0103

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	40.539	1.6208	3.9982	41.685	39.393
In2306	230.606	{4 Cts/S	10241	45.188	0.44125	10209	10273
Y_2243	224.306	{4 Cts/S	12871	86.907	0.6752	12810	12933
Y_3600	360.073	{ 9 Cts/S	113950	1249.9	1.0969	114830	113060
Y_3710	371.030	{ 9 Cts/S	6589.8	66.482	1.0089	6636.8	6542.8

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	49.94	-0.0003	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0747	0.0168	22.49	0.0866	0.0628
As1890	189.042 {4	Y_2243	ppm	0	0.0003	2180	0.0002	-0.0002
B_2496	249.678 {1	Y_3710	ppm	-0.0077	0.0013	17.5	-0.0067	-0.0086
Ba4554	455.403 {	Y_3710	ppm	0.0001	0.0001	62.09	0.0001	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	97.78	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.013	0.0058	44.55	-0.0089	-0.017
Ca3181	318.128 {1	In2306	ppm	-0.0047	0.0041	86.22	-0.0018	-0.0076
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	195.2	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	99.58	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0001	23.48	-0.0002	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	0	0.0003	720.1	-0.0002	0.0002
Fe2404	240.488 {1	In2306	ppm	0.0018	0.0001	5.36	0.0019	0.0017
K_7664	766.490 {	Y_3710	ppm	0.008	0.011	137.7	0.0002	0.0157
K_7698	769.896 {	Y_3710	ppm	0.1903	0.0386	20.31	0.1629	0.2176
Li6707	670.784 {	Y_3710	ppm	0.0003	0.0003	110.4	0.0005	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0611	0.0941	154	0.0054	-0.1277
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	8.093	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0013	0.0003	19.59	-0.0015	-0.0012
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0004	129	0	0.0006
Na5895	589.592 {	Y_3710	ppm	0.0201	0.005	24.83	0.0165	0.0236
Na8183	818.326 {	Y_3710	ppm	0.3709	0.0853	23.01	0.4312	0.3105
Ni2316	231.604 {4	In2306	ppm	0	0.0001	1544	0.0001	-0.0001
P_1782	178.284 {4	In2306	ppm	0.0002	0.0003	152.3	0.0005	0
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0001	55.98	0.0002	0.0001
S_1820	182.034 {4	Y_2243	ppm	-0.8401	0.5891	70.12	-1.257	-0.4235
Sb2068	206.833 {4	Y_2243	ppm	0.0021	0.0006	27.59	0.0025	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0007	76.2	0.0004	0.0014
Si2516	251.611 {1	Y_3710	ppm	0.0101	0.018	179	0.0228	-0.0027
Sn1899	189.989 {4	In2306	ppm	0.0002	0	2.729	0.0002	0.0002
Sr4215	421.552 {	Y_3710	ppm	-0.0002	0	10.92	-0.0002	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0.0003	177.6	0	-0.0004
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0013	96.27	0.0023	0.0004
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0001	32.9	-0.0001	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	85.85	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.418	2.1874	5.1568	43.965	40.871
In2306	230.606 {4	Cts/S	10287	24.017	0.23347	10270	10304
Y_2243	224.306 {4	Cts/S	12900	33.367	0.25866	12877	12924
Y_3600	360.073 {	Cts/S	111990	1882.1	1.6806	113320	110660
Y_3710	371.030 {	Cts/S	6454.2	327.21	5.0697	6685.6	6222.8

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0009	781	0.0005	-0.0007
Al3082	308.215	{1 In2306	ppm	559.1	9.337	1.67	552.5	565.7
As1890	189.042	{4 Y_2243	ppm	0	0.0009	4377	-0.0006	0.0007
B_2496	249.678	{1 Y_3710	ppm	0.0083	0.0134	160.6	0.0178	-0.0011
Ba4554	455.403	{ 7 Y_3710	ppm	0.0007	0.0002	30.79	0.0006	0.0009
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	289.7	0.0001	0
Ca3158	315.887	{1 In2306	ppm	519.3	5.976	1.151	515.1	523.5
Ca3181	318.128	{1 In2306	ppm	520.1	6.062	1.165	515.8	524.4
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0002	282	0.0001	-0.0002
Co2286	228.616	{4 In2306	ppm	0.0004	0.0001	12.79	0.0005	0.0004
Cr2677	267.716	{1 Y_3600	ppm	0.0018	0.0004	20.09	0.0021	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.0034	0.0003	8.494	0.0036	0.0032
Fe2404	240.488	{1 In2306	ppm	189.2	2.326	1.229	187.6	190.9
K_7664	766.490	{ 4 Y_3710	ppm	0.0388	0.0184	47.3	0.0258	0.0518
K_7698	769.896	{ 4 Y_3710	ppm	0.1193	0.0041	3.44	0.1222	0.1164
Li6707	670.784	{ 5 Y_3710	ppm	0.0097	0.0001	1.028	0.0097	0.0096
Mg2790	279.079	{1 Y_3710	ppm	543.9	14.38	2.644	554.1	533.7
Mn2576	257.610	{1 Y_3600	ppm	-0.005	0	0.5735	-0.005	-0.005
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0074	0.0023	30.93	-0.0058	-0.0091
Mo2020	202.030	{4 Y_2243	ppm	-0.0004	0	4.994	-0.0004	-0.0004
Na5895	589.592	{ 5 Y_3710	ppm	0.0564	0.0046	8.087	0.0531	0.0596
Na8183	818.326	{ 4 Y_3710	ppm	0.5319	0.1515	28.48	0.6391	0.4248
Ni2316	231.604	{4 In2306	ppm	0.005	0.0002	3.228	0.0052	0.0049
P_1782	178.284	{4 In2306	ppm	0.0045	0.0012	26.43	0.0037	0.0054
Pb2203	220.353	{4 In2306	ppm	-0.0158	0.0023	14.68	-0.0141	-0.0174
S_1820	182.034	{4 Y_2243	ppm	33.5	0.9265	2.766	34.15	32.84
Sb2068	206.833	{4 Y_2243	ppm	-0.0067	0.0051	75.9	-0.0031	-0.0103
Se1960	196.090	{4 Y_2243	ppm	0.004	0.0036	89.5	0.0066	0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0087	0.046	530.5	0.0412	-0.0238
Sn1899	189.989	{4 In2306	ppm	0.0016	0.0008	50.17	0.0011	0.0022
Sr4215	421.552	{ 8 Y_3710	ppm	0.0021	0.0004	17.66	0.0024	0.0019
Ti3349	334.904	{1 Y_3600	ppm	0.002	0.0001	5.094	0.0019	0.0021
Tl1908	190.856	{4 In2306	ppm	-0.005	0.0001	2.265	-0.0051	-0.0049
V_2924	292.402	{1 Y_3600	ppm	-0.0072	0.0005	7.55	-0.0075	-0.0068
Zn2062	206.200	{4 In2306	ppm	0.0043	0.0003	6.417	0.0045	0.0041

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	40.3	0.76403	1.8959	40.84	39.76
In2306	230.606	{4 Cts/S	7329.1	140.41	1.9158	7229.8	7428.4
Y_2243	224.306	{4 Cts/S	10980	205.04	1.8673	10835	11125
Y_3600	360.073	{ 9 Cts/S	94952	1725.3	1.817	93732	96172
Y_3710	371.030	{ 9 Cts/S	5646.4	110.88	1.9638	5568	5724.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5393	0.0057	1.063	0.5353	0.5434
Al3082	308.215	{1 In2306	ppm	582.6	10.95	1.88	574.8	590.3
As1890	189.042	{4 Y_2243	ppm	0.9918	0.0071	0.7186	0.9969	0.9868
B_2496	249.678	{1 Y_3710	ppm	1.017	0.0066	0.6521	1.022	1.013
Ba4554	455.403	{ 7 Y_3710	ppm	1.147	0.0029	0.2566	1.149	1.145
Be3130	313.042	{1 Y_3710	ppm	0.5083	0.0026	0.5099	0.5101	0.5065
Ca3158	315.887	{1 In2306	ppm	536.8	14.04	2.615	526.9	546.7
Ca3181	318.128	{1 In2306	ppm	537.4	14.11	2.626	527.4	547.4
Cd2288	228.802	{4 Y_2243	ppm	0.4993	0.0062	1.25	0.5037	0.4949
Co2286	228.616	{4 In2306	ppm	0.9635	0.011	1.144	0.9713	0.9557
Cr2677	267.716	{1 Y_3600	ppm	0.892	0.0165	1.853	0.8803	0.9036
Cu3247	324.754	{1 Y_3600	ppm	1.032	0.016	1.551	1.02	1.043
Fe2404	240.488	{1 In2306	ppm	201	5.348	2.66	197.2	204.8
K_7664	766.490	{ 4 Y_3710	ppm	12.97	0.1861	1.435	13.11	12.84
K_7698	769.896	{ 4 Y_3710	ppm	12.49	0.1883	1.508	12.62	12.36
Li6707	670.784	{ 5 Y_3710	ppm	1.262	0.0162	1.284	1.273	1.251
Mg2790	279.079	{1 Y_3710	ppm	547.6	0.5446	0.0995	548	547.2
Mn2576	257.610	{1 Y_3600	ppm	0.8874	0.0148	1.664	0.8769	0.8978
Mn2576-2	257.610	{1 Y_3710	ppm	0.9689	0.0044	0.4543	0.972	0.9658
Mo2020	202.030	{4 Y_2243	ppm	0.9171	0.0151	1.643	0.9277	0.9064
Na5895	589.592	{ 5 Y_3710	ppm	12.55	0.1524	1.215	12.65	12.44
Na8183	818.326	{ 4 Y_3710	ppm	12.47	0.0202	0.1618	12.46	12.49
Ni2316	231.604	{4 In2306	ppm	0.9713	0.0128	1.322	0.9803	0.9622
P_1782	178.284	{4 In2306	ppm	1.106	0.0106	0.9586	1.114	1.099
Pb2203	220.353	{4 In2306	ppm	0.9297	0.013	1.401	0.9389	0.9205
S_1820	182.034	{4 Y_2243	ppm	38.14	0.2742	0.7189	38.33	37.94
Sb2068	206.833	{4 Y_2243	ppm	0.9694	0.0205	2.116	0.9839	0.9549
Se1960	196.090	{4 Y_2243	ppm	0.9994	0.0105	1.055	1.007	0.9919
Si2516	251.611	{1 Y_3710	ppm	0.9403	0.0023	0.2402	0.9387	0.9419
Sn1899	189.989	{4 In2306	ppm	0.9869	0.0112	1.137	0.9948	0.9789
Sr4215	421.552	{ 8 Y_3710	ppm	0.5666	0.0022	0.3902	0.5682	0.5651
Ti3349	334.904	{1 Y_3600	ppm	0.9388	0.0136	1.452	0.9291	0.9484
Tl1908	190.856	{4 In2306	ppm	0.9317	0.011	1.183	0.9395	0.9239
V_2924	292.402	{1 Y_3600	ppm	0.8721	0.0161	1.844	0.8608	0.8835
Zn2062	206.200	{4 In2306	ppm	0.9645	0.0092	0.9531	0.971	0.958

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	39.268	0.95349	2.4281	39.942	38.594
In2306	230.606	{4 Cts/S	7282.1	55.516	0.76237	7242.8	7321.3
Y_2243	224.306	{4 Cts/S	11002	101.3	0.92074	10930	11073
Y_3600	360.073	{ 9 Cts/S	94006	1122.1	1.1937	94799	93212
Y_3710	371.030	{ 9 Cts/S	5637.9	24.678	0.43771	5620.4	5655.3

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=CCV 766326
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 16:02:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2324	0.0022	0.9537	0.2308	0.234
Al3082	308.215	{1 In2306	ppm	2.6	0.1173	4.513	2.683	2.517
As1890	189.042	{4 Y_2243	ppm	0.4791	0.0003	0.0596	0.4793	0.4789
B_2496	249.678	{1 Y_3710	ppm	0.4456	0.0039	0.876	0.4484	0.4428
Ba4554	455.403	{ 7 Y_3710	ppm	0.4943	0.0071	1.432	0.4993	0.4893
Be3130	313.042	{1 Y_3710	ppm	0.4733	0.0064	1.355	0.4778	0.4687
Ca3158	315.887	{1 In2306	ppm	12.28	0.0243	0.1976	12.3	12.26
Ca3181	318.128	{1 In2306	ppm	12.28	0.2182	1.777	12.43	12.12
Cd2288	228.802	{4 Y_2243	ppm	0.4703	0.0011	0.2428	0.4695	0.4711
Co2286	228.616	{4 In2306	ppm	0.4739	0.0013	0.2817	0.4729	0.4748
Cr2677	267.716	{1 Y_3600	ppm	0.4628	0.0021	0.4529	0.4613	0.4642
Cu3247	324.754	{1 Y_3600	ppm	0.4625	0.0017	0.365	0.4613	0.4637
Fe2404	240.488	{1 In2306	ppm	2.308	0.0662	2.87	2.354	2.261
K_7664	766.490	{ 4 Y_3710	ppm	13.78	0.3431	2.491	14.02	13.54
K_7698	769.896	{ 4 Y_3710	ppm	13.26	0.3991	3.011	13.54	12.98
Li6707	670.784	{ 5 Y_3710	ppm	0.5483	0.019	3.471	0.5617	0.5348
Mg2790	279.079	{1 Y_3710	ppm	4.435	0.0366	0.8246	4.409	4.461
Mn2576	257.610	{1 Y_3600	ppm	0.4598	0.0057	1.23	0.4558	0.4638
Mn2576-2	257.610	{1 Y_3710	ppm	0.436	0.001	0.2257	0.4353	0.4367
Mo2020	202.030	{4 Y_2243	ppm	0.4938	0.0005	0.0948	0.4941	0.4934
Na5895	589.592	{ 5 Y_3710	ppm	13.67	0.3703	2.71	13.93	13.41
Na8183	818.326	{ 4 Y_3710	ppm	12.7	0.1637	1.289	12.81	12.58
Ni2316	231.604	{4 In2306	ppm	0.4786	0.0008	0.1648	0.4781	0.4792
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0004	61.04	-0.001	-0.0004
Pb2203	220.353	{4 In2306	ppm	0.4768	0.0007	0.1423	0.4763	0.4773
S_1820	182.034	{4 Y_2243	ppm	-280.4	0.6658	0.2375	-279.9	-280.9
Sb2068	206.833	{4 Y_2243	ppm	0.4992	0.0001	0.0108	0.4992	0.4993
Se1960	196.090	{4 Y_2243	ppm	0.4917	0.0006	0.1289	0.4912	0.4921
Si2516	251.611	{1 Y_3710	ppm	0.8196	0.017	2.078	0.8317	0.8076
Sn1899	189.989	{4 In2306	ppm	0.4865	0.0018	0.3706	0.4852	0.4877
Sr4215	421.552	{ 8 Y_3710	ppm	0.2519	0.0034	1.349	0.2543	0.2495
Ti3349	334.904	{1 Y_3600	ppm	0.4803	0.0058	1.217	0.4761	0.4844
Tl1908	190.856	{4 In2306	ppm	0.4962	0.0041	0.8174	0.4991	0.4934
V_2924	292.402	{1 Y_3600	ppm	0.4488	0.005	1.107	0.4453	0.4523
Zn2062	206.200	{4 In2306	ppm	0.4645	0.0008	0.172	0.4639	0.4651

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.549	0.92244	2.1182	42.896	44.201
In2306	230.606	{4 Cts/S	9705.3	5.8537	0.06031	9709.4	9701.1
Y_2243	224.306	{4 Cts/S	12712	7.7855	0.06125	12717	12706
Y_3600	360.073	{ 9 Cts/S	111690	1094.3	0.97978	112470	110920
Y_3710	371.030	{ 9 Cts/S	6524.8	53.305	0.81696	6487.1	6562.5

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 16:05:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	56.19	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.1252	0.0608	48.56	0.1682	0.0822
As1890	189.042 {4	Y_2243	ppm	0	0.0014	27080	-0.001	0.001
B_2496	249.678 {1	Y_3710	ppm	-0.0006	0.002	346	0.0008	-0.002
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	575.3	0	0
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	265.2	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	-0.0122	0.002	16.3	-0.0136	-0.0108
Ca3181	318.128 {1	In2306	ppm	-0.0519	0.017	32.8	-0.0639	-0.0398
Cd2288	228.802 {4	Y_2243	ppm	0.0009	0.0012	134.6	0	0.0018
Co2286	228.616 {4	In2306	ppm	0.0011	0.0014	131.4	0.0001	0.0021
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0004	396.7	-0.0004	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0001	0	68.69	0	-0.0001
Fe2404	240.488 {1	In2306	ppm	-0.0032	0.0039	120.1	-0.006	-0.0005
K_7664	766.490 { 4	Y_3710	ppm	0.0092	0.0106	115.8	0.0017	0.0167
K_7698	769.896 { 4	Y_3710	ppm	0.1644	0.0866	52.68	0.2256	0.1031
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0004	93.47	0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0399	0.0227	56.93	-0.056	-0.0239
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	44.07	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0005	0.0019	379.5	0.0018	-0.0008
Mo2020	202.030 {4	Y_2243	ppm	0.0024	0.0021	86.26	0.0009	0.0039
Na5895	589.592 { 5	Y_3710	ppm	0.022	0.002	9.287	0.0234	0.0205
Na8183	818.326 { 4	Y_3710	ppm	0.1567	0.4557	290.7	0.4789	-0.1655
Ni2316	231.604 {4	In2306	ppm	0.0008	0.0012	151.8	-0.0001	0.0017
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0004	71.19	-0.0003	-0.0008
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0002	21.2	0.0007	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1.044	1.047	100.2	-0.3041	-1.784
Sb2068	206.833 {4	Y_2243	ppm	0.0122	0.0018	14.7	0.011	0.0135
Se1960	196.090 {4	Y_2243	ppm	0	0.0017	131200	-0.0012	0.0012
Si2516	251.611 {1	Y_3710	ppm	0.0143	0.0011	7.752	0.0135	0.015
Sn1899	189.989 {4	In2306	ppm	0.0019	0.0018	94.43	0.0006	0.0032
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0002	215.3	0	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0002	17.16	0.0008	0.001
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0007	43.35	0.0011	0.0021
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0005	83.89	-0.001	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.0011	0.0013	121.5	0.0001	0.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.524	0.37054	0.91439	40.786	40.262
In2306	230.606 {4	Cts/S	10317	39.274	0.38065	10345	10290
Y_2243	224.306 {4	Cts/S	12915	56.619	0.43838	12956	12875
Y_3600	360.073 { 9	Cts/S	110690	2993.6	2.7045	112810	108570
Y_3710	371.030 { 9	Cts/S	6477.5	5.887	0.09088	6473.4	6481.7

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 16:08:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	77.03	-0.0003	-0.0001
Al3082	308.215	{1 In2306	ppm	0.0448	0.0065	14.6	0.0494	0.0402
As1890	189.042	{4 Y_2243	ppm	-0.0006	0.0001	12.57	-0.0005	-0.0007
B_2496	249.678	{1 Y_3710	ppm	-0.0095	0.0028	29	-0.0115	-0.0076
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0.0003	81.66	-0.0006	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0	0.0002	2497	0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0205	0.0179	87.13	-0.0332	-0.0079
Ca3181	318.128	{1 In2306	ppm	0.0625	0.0071	11.4	0.0574	0.0675
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0001	75.52	-0.0002	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	44.66	0.0002	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0001	22.24	-0.0004	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0	0	71.1	0	-0.0001
Fe2404	240.488	{1 In2306	ppm	-0.0042	0.023	553.8	-0.0204	0.0121
K_7664	766.490	{ 4 Y_3710	ppm	0.0171	0.0031	18.18	0.0193	0.0149
K_7698	769.896	{ 4 Y_3710	ppm	-0.396	0.0116	2.93	-0.3877	-0.4042
Li6707	670.784	{ 5 Y_3710	ppm	0.0005	0.0002	45.25	0.0003	0.0006
Mg2790	279.079	{1 Y_3710	ppm	-0.1158	0.0353	30.46	-0.1407	-0.0908
Mn2576	257.610	{1 Y_3600	ppm	0	0	1146	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0001	0.0024	3127	0.0016	-0.0018
Mo2020	202.030	{4 Y_2243	ppm	0	0.0002	798	-0.0002	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0144	0.0023	15.89	0.0128	0.016
Na8183	818.326	{ 4 Y_3710	ppm	0.1073	0.0525	48.94	0.0702	0.1445
Ni2316	231.604	{4 In2306	ppm	-0.0003	0	10.78	-0.0003	-0.0003
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0008	119	-0.0001	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.0013	0.0005	37.24	0.001	0.0017
S_1820	182.034	{4 Y_2243	ppm	-0.1841	0.2431	132	-0.356	-0.0122
Sb2068	206.833	{4 Y_2243	ppm	-0.0009	0.0006	64.23	-0.0005	-0.0014
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0019	1025	-0.0016	0.0012
Si2516	251.611	{1 Y_3710	ppm	0.0264	0.0101	38.41	0.0192	0.0336
Sn1899	189.989	{4 In2306	ppm	-0.0005	0.0002	47.53	-0.0006	-0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0	9.872	-0.0002	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0	0	39.36	0	0
Tl1908	190.856	{4 In2306	ppm	0.0006	0.0003	44.95	0.0004	0.0008
V_2924	292.402	{1 Y_3600	ppm	-0.0005	0.0001	17.04	-0.0006	-0.0005
Zn2062	206.200	{4 In2306	ppm	-0.0003	0.0001	44.65	-0.0004	-0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	44.083	1.6687	3.7855	45.263	42.903
In2306	230.606	{4 Cts/S	10427	176.68	1.6944	10302	10552
Y_2243	224.306	{4 Cts/S	12827	221.24	1.7248	12671	12983
Y_3600	360.073	{ 9 Cts/S	117900	1340.5	1.1369	118850	116960
Y_3710	371.030	{ 9 Cts/S	6878.7	98.399	1.4305	6948.3	6809.1

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 16:10:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	96.95	0.0002	0
Al3082	308.215	{1 In2306	ppm	0.0593	0.0044	7.432	0.0562	0.0624
As1890	189.042	{4 Y_2243	ppm	-0.0008	0.0006	74.47	-0.0012	-0.0004
B_2496	249.678	{1 Y_3710	ppm	0.0016	0.005	320.1	0.0051	-0.002
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0.0001	34.37	-0.0003	-0.0005
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	6.629	-0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0233	0.0032	13.87	-0.021	-0.0255
Ca3181	318.128	{1 In2306	ppm	0.0565	0.019	33.57	0.07	0.0431
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	21.96	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0001	0.0001	70.32	0.0001	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0002	43.37	-0.0005	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0003	147.2	0.0005	0
Fe2404	240.488	{1 In2306	ppm	0.011	0.0008	7.237	0.0104	0.0115
K_7664	766.490	{ 4 Y_3710	ppm	0.0459	0.0078	17.02	0.0514	0.0404
K_7698	769.896	{ 4 Y_3710	ppm	-0.398	0.0361	9.071	-0.3724	-0.4235
Li6707	670.784	{ 5 Y_3710	ppm	0.0003	0.0002	46.94	0.0004	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0525	0.0065	12.44	-0.0479	-0.0571
Mn2576	257.610	{1 Y_3600	ppm	0	0.0001	216.3	-0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0013	0.0011	88.71	-0.0021	-0.0005
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0002	261.8	0.0002	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0161	0.0048	29.76	0.0127	0.0195
Na8183	818.326	{ 4 Y_3710	ppm	0.0528	0.0285	53.87	0.0327	0.073
Ni2316	231.604	{4 In2306	ppm	-0.0003	0.0001	20.1	-0.0004	-0.0003
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0007	101.3	-0.0002	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0012	171.3	0.0016	-0.0002
S_1820	182.034	{4 Y_2243	ppm	0.7777	0.1063	13.67	0.8528	0.7025
Sb2068	206.833	{4 Y_2243	ppm	-0.0019	0.0009	46.65	-0.0013	-0.0026
Se1960	196.090	{4 Y_2243	ppm	0.0011	0.0006	54.26	0.0015	0.0007
Si2516	251.611	{1 Y_3710	ppm	0.01	0.0029	29.27	0.012	0.0079
Sn1899	189.989	{4 In2306	ppm	-0.0002	0	18.91	-0.0003	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0.0002	59.32	-0.0002	-0.0004
Ti3349	334.904	{1 Y_3600	ppm	-0.0002	0.0001	80.82	-0.0001	-0.0003
Tl1908	190.856	{4 In2306	ppm	0.001	0.0004	34.82	0.0013	0.0008
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0002	41.02	-0.0005	-0.0003
Zn2062	206.200	{4 In2306	ppm	-0.0003	0	0.899	-0.0003	-0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.261	0.14209	0.32845	43.161	43.362
In2306	230.606	{4 Cts/S	10490	177.22	1.6894	10615	10365
Y_2243	224.306	{4 Cts/S	12907	223.91	1.7348	13066	12749
Y_3600	360.073	{ 9 Cts/S	111310	860.76	0.77331	111920	110700
Y_3710	371.030	{ 9 Cts/S	6598.4	271.41	4.1133	6406.4	6790.3

Method: 20076010 01/21/12 07:16:52 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A012112	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/21/12 07:24:38 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/21/12 07:21:15

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01168	.00172	-.00032	.00051	-.03774	.00277	.00062
SDev	.00026	.00067	.00093	.00073	.00023	.00210	.00041
%RSD	2.2033	38.667	286.35	141.42	.61852	75.790	65.957
#1	.01150	.00125	-.00098	.00000	-.03790	.00128	.00091
#2	.01186	.00219	.00033	.00103	-.03757	.00425	.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00597	.00018	-.00070	.00315	-.00015	.04193	.02016
SDev	.00007	.00059	.00009	.00034	.00289	.00033	.00018
%RSD	1.2465	326.71	12.232	10.797	1931.8	.79432	.89383
#1	.00602	-.00024	-.00064	.00291	.00189	.04216	.02029
#2	.00591	.00060	-.00076	.00339	-.00219	.04169	.02003

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00005	-.00018	.00007	.27967	.03976	-.00047	-.00224
SDev	.00007	.00007	.00043	.00323	.00085	.00018	.00064
%RSD	141.42	39.720	613.32	1.1533	2.1509	39.258	28.356
#1	.00000	-.00024	.00037	.28195	.03915	-.00034	-.00179
#2	.00010	-.00013	-.00023	.27739	.04036	-.00060	-.00269

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.13078	.00173	-.00177	.00137	-.00230	.00005	.00778
SDev	.00220	.00216	.00026	.00022	.00095	.00016	.00014
%RSD	1.6814	124.83	14.778	16.017	41.401	335.64	1.8560
#1	.13234	.00020	-.00159	.00122	-.00298	-.00007	.00788
#2	.12923	.00326	-.00196	.00153	-.00163	.00017	.00767

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00275	.00034	-.00930	.00558

SDev	.00968	.00278	.00057	.00047
%RSD	351.45	827.21	6.0861	8.4624
#1	-.00409	.00230	-.00970	.00592
#2	.00960	-.00163	-.00890	.00525

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29839	--	--	--	--	--	--
SDev	371.9382	--	--	--	--	--	--
%RSD	1.246483	--	--	--	--	--	--
#1	29576	--	--	--	--	--	--
#2	30102	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/21/12 07:24:52

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.0986	1.1291	1.1550	17.188	20.306	7.1978	12.112
SDev	.0004	.0028	.0026	.009	.035	.0015	.010
%RSD	.03322	.24555	.22217	.05000	.17237	.02124	.08543
#1	1.0988	1.1272	1.1569	17.194	20.331	7.1989	12.119
#2	1.0983	1.1311	1.1532	17.182	20.281	7.1967	12.105

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.6352	2.1979	1.3089	1.6592	4.7391	24.849	1.1462
SDev	.0047	.0028	.0008	.0004	.0068	.033	.0018
%RSD	.17771	.12784	.05769	.02399	.14344	.13279	.15506
#1	2.6385	2.1998	1.3094	1.6595	4.7439	24.872	1.1474
#2	2.6318	2.1959	1.3083	1.6590	4.7343	24.826	1.1449

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.9452	1.8319	4.9016	3.3641	.95652	.87114	.15585
SDev	.0033	.0026	.0457	.0053	.00432	.00067	.00002
%RSD	.16906	.14237	.93152	.15823	.45202	.07692	.01208
#1	1.9476	1.8338	4.9338	3.3678	.95958	.87162	.15583
#2	1.9429	1.8301	4.8693	3.3603	.95346	.87067	.15586

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.137	52.626	.35562	2.6031	12.903	.59943	3.2992
SDev	.028	.090	.00025	.0047	.021	.00095	.0058
%RSD	.14102	.17174	.07066	.18147	.16504	.15791	.17477
#1	20.157	52.690	.35544	2.6065	12.918	.60010	3.3033
#2	20.117	52.562	.35580	2.5998	12.888	.59876	3.2952

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.8388	7.7091	1.2325	1.1135
SDev	.0054	.0075	.0018	.0046
%RSD	.14067	.09784	.14266	.40989
#1	3.8427	7.7144	1.2337	1.1103
#2	3.8350	7.7038	1.2312	1.1168

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29253	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.1740392	--	--	--	--	--	--
#1	29217	--	--	--	--	--	--
#2	29289	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	18.4008	-.214880	01/21/12 07:24:52
Sb2068	206.838	STD	S0	1.77986	-.003065	01/21/12 07:24:52
As1890	189.042	STD	S0	1.71431	.000556	01/21/12 07:24:52
Ba4934	493.409	STD	S0	.116364	-.000060	01/21/12 07:24:52
Be3130	313.042	STD	S0	.049187	.001856	01/21/12 07:24:52
B_2496	249.678	STD	S0	.277969	-.000770	01/21/12 07:24:52
Cd2265	226.502	STD	S0	.082730	-.000052	01/21/12 07:24:52
Ca3179	317.933	STD	S0	7.60691	-.045381	01/21/12 07:24:52
Cr2677	267.716	STD	S0	.910050	-.000164	01/21/12 07:24:52
Co2286	228.616	STD	S0	1.52721	.001074	01/21/12 07:24:52
Cu3247	324.753	STD	S0	1.20703	-.003800	01/21/12 07:24:52
Fe2714	271.441	STD	S0	4.04538	.000605	01/21/12 07:24:52
Li6707	670.784	STD	S0	.080622	-.003380	01/21/12 07:24:52
Pb2203	220.353		NONE	.000000	.000000	*01/21/12 07:24:52
Se1960	196.026		NONE	.000000	.000000	*01/21/12 07:24:52
Mg2790	279.078	STD	S0	17.7620	-.358070	01/21/12 07:24:52
Mn2576	257.610	STD	S0	1.02837	-.000051	01/21/12 07:24:52
Mo2020	202.030	STD	S0	1.09164	.000202	01/21/12 07:24:52
Ni2316	231.604	STD	S0	.408040	-.000028	01/21/12 07:24:52
K_7664	766.491	STD	S0	6.48425	-1.81345	01/21/12 07:24:52
Si2881	288.158	STD	S0	2.16151	-.085937	01/21/12 07:24:52
Ag3280	328.068	STD	S0	1.14762	.000537	01/21/12 07:24:52
Na3302	330.232	STD	S0	126.511	.283565	01/21/12 07:24:52
Na5889	588.995	STD	S0	.999678	-.130740	01/21/12 07:24:52
Sr4215	421.552	STD	S0	.019012	-.000033	01/21/12 07:24:52
Tl1908	190.864	STD	S0	5.61406	.009963	01/21/12 07:24:52
Sn1899	189.989	STD	S0	.768714	-.001055	01/21/12 07:24:52
Ti3349	334.941	STD	S0	.154972	.000357	01/21/12 07:24:52
V_2924	292.402	STD	S0	3.30482	-.000163	01/21/12 07:24:52
Zn2138	213.856	STD	S0	.608378	-.004731	01/21/12 07:24:52
2203/1	220.351	STD	S0	.524407	-.001445	01/21/12 07:24:52
2203/2	220.352	STD	S0	.258473	-.000087	01/21/12 07:24:52
1960/1	196.021	STD	S0	1.61264	.015003	01/21/12 07:24:52
1960/2	196.022	STD	S0	1.80137	-.010057	01/21/12 07:24:52

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	.000000	-.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/21/12 07:28:15 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/21/12 07:28:15 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	-.000000	.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/21/12 07:32:48 AM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/21/12 07:29:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.966	1.9998	2.0015	2.0052	1.0025	1.9991	.99755

SDev	.066	.0037	.0003	.0068	.0009	.0051	.00118
%RSD	.33062	.18308	.01546	.34109	.09431	.25537	.11786
#1	20.013	2.0023	2.0017	2.0100	1.0032	2.0027	.99838
#2	19.920	1.9972	2.0013	2.0003	1.0018	1.9955	.99672

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.947	1.9956	1.9955	2.0009	19.945	1.9999	1.9965
SDev	.015	.0029	.0035	.0091	.012	.0091	.0042
%RSD	.07346	.14597	.17380	.45354	.05842	.45594	.21135
#1	19.957	1.9977	1.9980	2.0073	19.953	2.0064	1.9995
#2	19.937	1.9936	1.9931	1.9944	19.937	1.9935	1.9935

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9989	19.952	1.9962	2.0068	1.9631	20.048	1.9715
SDev	.0023	.045	.0036	.0051	.0065	.066	.0064
%RSD	.11734	.22391	.18142	.25335	.33234	.32799	.32360
#1	1.9972	19.984	1.9988	2.0103	1.9677	20.094	1.9761
#2	2.0006	19.921	1.9936	2.0032	1.9585	20.001	1.9670

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99749	19.909	19.995	.99820	2.0002	1.9973	1.9987
SDev	.00286	.079	.108	.00295	.0040	.0007	.0048
%RSD	.28706	.39766	.54209	.29554	.19991	.03732	.24015
#1	.99952	19.965	20.072	1.0003	2.0030	1.9979	2.0021
#2	.99547	19.853	19.919	.99611	1.9974	1.9968	1.9953

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9982	1.9974	1.9936	1.9980	2.0017	1.9975
SDev	.0034	.0022	.0041	.0043	.0046	.0012
%RSD	.17078	.11256	.20513	.21445	.22797	.06191
#1	2.0006	1.9990	1.9965	2.0010	1.9985	1.9966
#2	1.9958	1.9959	1.9907	1.9949	2.0049	1.9984

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29006	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.1048270	--	--	--	--	--	--

#1	28984	--	--	--	--	--	--
#2	29027	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 07:32:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5331	.51539	.51206	.50613	.52065	.50984	.51315
SDev	.0040	.00340	.00051	.00052	.00039	.00179	.00076
%RSD	.15943	.66006	.09907	.10357	.07443	.35177	.14726
#1	2.5359	.51779	.51170	.50650	.52092	.51111	.51369
#2	2.5302	.51298	.51242	.50576	.52037	.50857	.51262

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.823	.51162	.51407	.51356	2.5943	.46773	.51187
SDev	.009	.00034	.00088	.00037	.0098	.00026	.00128
%RSD	.06696	.06684	.17038	.07241	.37682	.05667	.25092
#1	12.829	.51186	.51469	.51382	2.5874	.46792	.51277
#2	12.817	.51137	.51345	.51329	2.6012	.46754	.51096

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51926	5.1347	.50511	.52461	.49745	12.197	.95952
SDev	.00420	.0074	.00077	.00215	.00047	.018	.00299
%RSD	.80852	.14450	.15181	.40983	.09492	.14625	.31138
#1	.52223	5.1400	.50565	.52613	.49712	12.210	.96163
#2	.51630	5.1295	.50456	.52309	.49778	12.184	.95741

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25255	12.634	12.007	.25110	.51947	.52005	.51675
SDev	.00012	.030	.013	.00014	.00370	.00196	.00063
%RSD	.04625	.23915	.10479	.05491	.71174	.37662	.12095
#1	.25247	12.612	12.016	.25119	.51686	.52144	.51719
#2	.25263	12.655	11.998	.25100	.52209	.51867	.51631

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51515	.51976	.51369	.51095	.52073	.51859
SDev	.00059	.00103	.00111	.00248	.00289	.00485
%RSD	.11433	.19907	.21619	.48573	.55529	.93556
#1	.51556	.52049	.51290	.51271	.52277	.52202
#2	.51473	.51903	.51448	.50920	.51868	.51516

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/21/12 07:36:40 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28810	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0319064	--	--	--	--	--	--
#1	28804	--	--	--	--	--	--
#2	28817	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/21/12 07:36:43

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00383	.00215	-.00018	.00070	.00026	.00312	.00041
SDev	.00079	.00325	.00032	.00018	.00015	.00009	.00025
%RSD	20.563	151.59	173.22	25.592	58.092	2.8185	61.704
#1	.00327	.00444	.00004	.00058	.00015	.00319	.00023
#2	.00439	-.00015	-.00041	.00083	.00036	.00306	.00058

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01298	.00032	.00072	.00028	.00308	.00037	.00049
SDev	.00472	.00034	.00058	.00011	.02031	.00012	.00005
%RSD	36.338	106.54	80.816	38.229	660.17	32.863	9.6470
#1	.00965	.00008	.00031	.00020	-.01129	.00029	.00045
#2	.01632	.00056	.00112	.00035	.01744	.00046	.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00261	.00448	.00026	.00278	-.00030	.00581	-.00192
SDev	.00122	.00208	.00019	.00070	.00064	.00352	.00067
%RSD	46.758	46.435	75.121	25.324	211.01	60.526	35.031
#1	.00347	.00301	.00012	.00327	-.00075	.00332	-.00240
#2	.00175	.00596	.00039	.00228	.00015	.00830	-.00145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	-.01474	.00295	.00016	.00320	-.00006	.00039
SDev	.00054	.08744	.00238	.00007	.00373	.00247	.00016
%RSD	94.377	593.07	80.534	43.387	116.62	4429.9	40.358
#1	.00019	-.07658	.00127	.00011	.00056	-.00180	.00028
#2	.00096	.04709	.00463	.00021	.00584	.00169	.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00185	.00363	-.00109	.00409	.00187
SDev	.00015	.00018	.00050	.00032	.00344	.00011
%RSD	175.97	9.5904	13.710	29.405	84.234	5.7734
#1	-.00002	-.00198	.00398	-.00131	.00652	.00195

#2	.00019	-.00173	.00328	-.00086	.00165	.00179

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29909	--	--	--	--	--	--
SDev	70.71068	--	--	--	--	--	--
%RSD	.2364194	--	--	--	--	--	--
#1	29859	--	--	--	--	--	--
#2	29959	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/21/12 07:40:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09832	.01170	.00961	.01041	.00520	.01169	.00540
SDev	.00221	.00124	.00185	.00004	.00002	.00056	.00016
%RSD	2.2503	10.587	19.301	.34934	.31926	4.7442	3.0447
#1	.09675	.01083	.01092	.01039	.00518	.01130	.00551
#2	.09988	.01258	.00830	.01044	.00521	.01209	.00528

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09548	.01045	.01060	.01049	.11581	.00891	.01056
SDev	.00018	.00013	.00004	.00006	.00820	.00001	.00013
%RSD	.19159	1.2564	.34632	.54920	7.0833	.15231	1.2067
#1	.09561	.01036	.01063	.01045	.12161	.00890	.01065
#2	.09535	.01054	.01058	.01053	.11001	.00892	.01047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01220	.10403	.01044	.01149	.00967	.57483	.00799
SDev	.00148	.00085	.00005	.00042	.00002	.00234	.00026
%RSD	12.149	.82120	.47365	3.6563	.20291	.40687	3.2670
#1	.01325	.10342	.01040	.01178	.00969	.57649	.00781
#2	.01116	.10463	.01047	.01119	.00966	.57318	.00818

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00547	.64927	.53352	.00499	.01126	.01123	.01050
SDev	.00052	.08518	.00034	.00003	.00351	.00067	.00009
%RSD	9.5807	13.120	.06308	.69697	31.158	5.9250	.81637
#1	.00584	.70950	.53329	.00496	.01375	.01170	.01056
#2	.00510	.58903	.53376	.00501	.00878	.01076	.01044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01023	.00818	.01212	.00977	.01422	.01119

SDev	.00008	.00010	.00154	.00058	.00349	.00048
%RSD	.81610	1.2405	12.695	5.9170	24.541	4.2768
#1	.01029	.00825	.01321	.00937	.01669	.01153
#2	.01017	.00810	.01103	.01018	.01175	.01086

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29405	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	29405	--	--	--	--	--	--

#2	29405	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/21/12 07:44:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	500.57	.00108	-.00063	.00168	-.00020	-.00180	.00477
SDev	.46	.00313	.00105	.00002	.00001	.00023	.00032
%RSD	.09240	290.72	167.54	1.3481	6.2768	12.775	6.6723
#1	500.24	-.00114	-.00137	.00169	-.00021	-.00196	.00499
#2	500.90	.00329	.00012	.00166	-.00020	-.00164	.00454

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	452.60	.00153	.00010	.01328	191.88	.00448	.00804
SDev	.02	.00027	.00049	.00007	.10	.00006	.00108
%RSD	.00384	17.457	507.41	.55040	.05028	1.3399	13.419
#1	452.59	.00172	.00044	.01333	191.95	.00452	.00880
#2	452.61	.00134	-.00025	.01323	191.81	.00444	.00728

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01148	506.42	-.00774	-.00046	-.00001	.08118	.00991
SDev	.00296	.25	.00001	.00081	.00086	.00187	.00086
%RSD	25.766	.04964	.07508	178.46	16670.	2.3071	8.6703
#1	-.00939	506.24	-.00773	.00012	.00060	.08251	.01052
#2	-.01357	506.60	-.00774	-.00103	-.00061	.07986	.00931

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.08103	.15283	-.00900	-.00861	-.00137	-.00251
SDev	.00043	.05044	.00091	.00000	.00088	.00201	.00006
%RSD	382.75	62.245	.59810	.04042	10.239	146.03	2.2419
#1	.00019	.11670	.15218	-.00900	-.00799	-.00279	-.00247
#2	-.00041	.04537	.15347	-.00900	-.00924	.00004	-.00255

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00369	.00144	-.08484	.05448	.00038	-.01741
SDev	.00017	.00017	.00154	.00085	.01464	.00288
%RSD	4.5016	12.064	1.8096	1.5609	3813.4	16.571
#1	.00357	.00132	-.08375	.05508	.01074	-.01945
#2	.00381	.00156	-.08592	.05387	-.00997	-.01537

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26546	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--
%RSD	.0532741	--	--	--	--	--	--

#1	26536	--	--	--	--	--	--
#2	26556	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/21/12 07:48:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	506.77	1.0274	1.0184	1.0173	.48369	1.0306	.46985
SDev	.26	.0054	.0004	.0001	.00005	.0013	.00028
%RSD	.05142	.52916	.04268	.00780	.00991	.12876	.05895
#1	506.58	1.0236	1.0181	1.0172	.48372	1.0296	.47005
#2	506.95	1.0312	1.0187	1.0173	.48366	1.0315	.46965

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	454.74	.94829	.91767	1.0775	198.43	1.2242	.95868
SDev	.29	.00014	.00015	.0006	.12	.0007	.00113
%RSD	.06369	.01428	.01677	.05731	.06039	.05973	.11804
#1	454.95	.94819	.91756	1.0770	198.52	1.2237	.95948
#2	454.54	.94838	.91778	1.0779	198.35	1.2247	.95788

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0002	509.94	.94320	.97995	.89780	14.427	.96056
SDev	.0017	.26	.00029	.00386	.00401	.010	.00025
%RSD	.16849	.05081	.03085	.39352	.44648	.07080	.02600
#1	.99901	510.12	.94340	.97722	.90063	14.420	.96074
#2	1.0014	509.75	.94299	.98268	.89496	14.434	.96039

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53363	12.430	13.738	.49259	.94838	.99107	.98045
SDev	.00020	.052	.015	.00019	.00426	.00228	.00005

%RSD	.03707	.41877	.10822	.03890	.44930	.22985	.00484
#1	.53377	12.467	13.727	.49246	.95140	.98946	.98042
#2	.53349	12.393	13.748	.49273	.94537	.99268	.98048

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97456	.99779	.86387	1.0061	1.0116	.99451
SDev	.00037	.00066	.00128	.0023	.0027	.00116
%RSD	.03814	.06596	.14857	.23250	.27028	.11673
#1	.97482	.99732	.86296	1.0077	1.0096	.99369
#2	.97429	.99825	.86478	1.0044	1.0135	.99533

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26590	--	--	--	--	--	--

SDev	40.30509	--	--	--	--	--	--
%RSD	.1515770	--	--	--	--	--	--
#1	26562	--	--	--	--	--	--
#2	26619	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 07:52:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5619	.50271	.50308	.49675	.51226	.50016	.50620
SDev	.0309	.00179	.00010	.00004	.00010	.00038	.00021
%RSD	1.2046	.35627	.02040	.00735	.02017	.07622	.04151
#1	2.5401	.50144	.50301	.49678	.51219	.50043	.50635
#2	2.5837	.50397	.50315	.49673	.51234	.49989	.50605

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.700	.50249	.50618	.50454	2.5671	.45907	.50507
SDev	.036	.00066	.00037	.00039	.0154	.00020	.00014
%RSD	.28215	.13191	.07227	.07645	.60104	.04351	.02752
#1	12.675	.50296	.50644	.50481	2.5562	.45921	.50517
#2	12.725	.50202	.50592	.50427	2.5780	.45893	.50497

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51069	5.1287	.49696	.51316	.49554	11.949	.94300
SDev	.00034	.0301	.00028	.00081	.00102	.007	.00074
%RSD	.06616	.58608	.05611	.15885	.20552	.06025	.07842
#1	.51045	5.1074	.49716	.51373	.49482	11.944	.94352
#2	.51092	5.1499	.49676	.51258	.49626	11.954	.94248

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24845	12.589	11.814	.24680	.50882	.51147	.50806
SDev	.00010	.029	.001	.00016	.00045	.00028	.00024
%RSD	.04175	.22860	.00778	.06579	.08834	.05421	.04778
#1	.24838	12.610	11.814	.24669	.50914	.51127	.50823
#2	.24853	12.569	11.813	.24692	.50851	.51166	.50789

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50651	.50983	.50632	.50444	.50819	.51199
SDev	.00003	.00006	.00030	.00036	.00572	.00337
%RSD	.00589	.01197	.06004	.07147	1.1263	.65795
#1	.50653	.50979	.50610	.50470	.51223	.50961
#2	.50648	.50987	.50653	.50419	.50414	.51438

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	29402	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0360738	--	--	--	--	--	--
#1	29395	--	--	--	--	--	--
#2	29410	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 07:56:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03018	.00001	-.00097	.00026	.00016	.00226	.00033
SDev	.00596	.00139	.00118	.00005	.00005	.00015	.00011
%RSD	19.753	11465.	122.07	19.229	31.653	6.8724	34.854
#1	.02596	.00100	-.00180	.00023	.00012	.00236	.00025
#2	.03439	-.00097	-.00013	.00030	.00019	.00215	.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03127	.00011	.00025	.00038	.01046	-.00002	.00112
SDev	.00768	.00022	.00022	.00018	.00975	.00007	.00010
%RSD	24.543	195.31	85.514	47.085	93.202	382.79	8.9516
#1	.02584	-.00004	.00010	.00025	.00357	-.00006	.00119
#2	.03670	.00026	.00041	.00050	.01735	.00003	.00105

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00129	.02345	.00022	.00255	-.00017	-.00667	-.00412
SDev	.00013	.00507	.00005	.00083	.00015	.00483	.00102
%RSD	9.9274	21.646	21.840	32.458	93.652	72.434	24.765

#1	.00120	.01986	.00019	.00313	-.00027	-.01009	-.00484
#2	.00138	.02704	.00026	.00196	-.00006	-.00325	-.00340

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.00958	-.00076	.00015	.00383	-.00094	.00032
SDev	.00006	.08380	.00181	.00003	.00174	.00027	.00001
%RSD	28.879	874.56	237.01	20.446	45.430	29.145	3.4621
#1	.00023	-.06883	-.00204	.00013	.00506	-.00075	.00031
#2	.00015	.04967	.00052	.00017	.00260	-.00113	.00033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.00291	.00237	.00049	.00485	-.00049
SDev	.00007	.00017	.00111	.00071	.00087	.00024
%RSD	50.909	5.9818	46.774	143.06	17.933	49.148
#1	.00009	-.00304	.00159	.00099	.00423	-.00032
#2	.00019	-.00279	.00316	-.00001	.00546	-.00067

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29773	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1139997	--	--	--	--	--	--
#1	29797	--	--	--	--	--	--
#2	29749	--	--	--	--	--	--

Analysis Report 01/21/12 08:05:40 AM page 1

Method: 20076010 Sample Name: mb 600-70339/1-a Operator: SRP
Run Time: 01/21/12 08:01:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00684	.00138	.00009	.00204	-.00002	.00123	.00003
SDev	.00141	.00244	.00016	.00003	.00002	.00010	.00002
%RSD	20.658	176.63	172.84	1.3461	91.718	7.9307	64.574
#1	.00584	-.00034	.00021	.00202	-.00001	.00116	.00002
#2	.00784	.00311	-.00002	.00206	-.00004	.00130	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03343	.00074	-.00012	.00630	.01833	-.00025	.00099
SDev	.00068	.00013	.00037	.00028	.00441	.00001	.00029
%RSD	2.0349	17.697	294.02	4.3611	24.060	5.2011	29.173
#1	.03391	.00064	.00013	.00610	.02144	-.00024	.00119
#2	.03294	.00083	-.00038	.00649	.01521	-.00026	.00078

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00279	-.00308	.00058	.00022	.00015	-.00592	.00394
SDev	.00118	.00015	.00000	.00024	.00051	.00218	.00038
%RSD	42.408	4.9905	.17809	107.70	334.81	36.917	9.5401
#1	-.00195	-.00298	.00058	.00005	.00052	-.00437	.00367
#2	-.00363	-.00319	.00058	.00039	-.00021	-.00746	.00420

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.06336	.00586	.00003	-.00288	.03039	.00040
SDev	.00025	.03628	.00002	.00001	.00242	.00100	.00023
%RSD	121.74	57.264	.29194	40.990	84.059	3.2832	58.133
#1	.00038	.08901	.00584	.00002	-.00117	.03110	.00023
#2	.00003	.03770	.00587	.00003	-.00458	.02969	.00056

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00661	.00506	-.00105	-.00666	-.00086
SDev	.00016	.00001	.00122	.00104	.00117	.00119
%RSD	248.88	.17094	24.065	98.985	17.591	138.61
#1	-.00005	.00660	.00420	-.00032	-.00583	-.00002
#2	.00018	.00661	.00592	-.00179	-.00749	-.00170

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29296	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1641291	--	--	--	--	--	--

Analysis Report 01/21/12 08:05:40 AM page 2

#1	29262	--	--	--	--	--	--
#2	29330	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70339/2-a Operator: SRP
Run Time: 01/21/12 08:05:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.550	.92394	1.2843	2.4982	1.4613	.82863	.67095
SDev	1.015	.00807	.0129	.0297	.0170	.00816	.00928
%RSD	1.1727	.87335	1.0014	1.1891	1.1630	.98423	1.3838
#1	87.267	.92964	1.2934	2.5192	1.4733	.83439	.67752
#2	85.832	.91823	1.2752	2.4772	1.4493	.82286	.66439

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.008	.98090	1.3440	1.0818	171.02	.08268	1.2819
SDev	1.076	.01190	.0169	.0128	2.16	.00110	.0181
%RSD	1.2372	1.2131	1.2586	1.1789	1.2649	1.3316	1.4114
#1	87.770	.98931	1.3560	1.0908	172.55	.08346	1.2947
#2	86.247	.97248	1.3321	1.0728	169.49	.08191	1.2691

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8473	39.081	4.8563	.87950	1.2465	46.091	8.9318
SDev	.0307	.465	.0594	.00791	.0198	.589	.0922
%RSD	1.6613	1.1889	1.2239	.89877	1.5900	1.2774	1.0325
#1	1.8690	39.410	4.8984	.88508	1.2605	46.508	8.9970
#2	1.8256	38.753	4.8143	.87391	1.2325	45.675	8.8666

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45320	3.6128	6.6275	2.3840	1.5255	1.5136	3.9564
SDev	.00548	.0774	.0935	.0312	.0287	.0190	.0459
%RSD	1.2084	2.1414	1.4109	1.3077	1.8813	1.2551	1.1609
#1	.45708	3.6676	6.6937	2.4061	1.5458	1.5271	3.9889
#2	.44933	3.5581	6.5614	2.3620	1.5052	1.5002	3.9239

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61420	2.2004	1.2690	1.2883	1.8430	1.8495
SDev	.00770	.0271	.0107	.0218	.0245	.0338
%RSD	1.2538	1.2300	.84585	1.6900	1.3275	1.8276

#1	.61965	2.2195	1.2766	1.3037	1.8603	1.8734
#2	.60876	2.1813	1.2614	1.2729	1.8257	1.8256

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/21/12 08:09:31 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31676	--	--	--	--	--	--
SDev	333.0473	--	--	--	--	--	--
%RSD	1.051402	--	--	--	--	--	--
#1	31441	--	--	--	--	--	--
#2	31912	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-1-a Operator: SRP
Run Time: 01/21/12 08:09:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	223.55	.00690	.13686	1.8352	.01124	.23322	.01306
SDev	.15	.00054	.00274	.0004	.00003	.00030	.00024
%RSD	.06570	7.8381	2.0036	.02279	.21970	.12988	1.8126
#1	223.65	.00728	.13492	1.8355	.01126	.23344	.01323
#2	223.44	.00652	.13880	1.8349	.01123	.23301	.01289

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1276.9	.20700	.10953	.75626	220.28	.13723	.18062
SDev	1.4	.00036	.00025	.00005	.10	.00008	.00032
%RSD	.10851	.17296	.22449	.00633	.04360	.06038	.17417
#1	1277.9	.20675	.10970	.75630	220.34	.13729	.18040
#2	1275.9	.20725	.10935	.75623	220.21	.13717	.18084

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01995	33.754	12.474	.00734	.23344	31.032	12.346
SDev	.00080	.012	.003	.00160	.00008	.045	.015
%RSD	4.0103	.03453	.02227	21.771	.03617	.14358	.11792
#1	-.01938	33.762	12.476	.00847	.23338	31.063	12.336
#2	-.02051	33.745	12.472	.00621	.23350	31.000	12.356

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	5.7301	6.4525	3.7491	-.01879	.03924	.32292
SDev	.00043	.0554	.0061	.0025	.00312	.00120	.00088
%RSD	21.440	.96602	.09421	.06683	16.580	3.0663	.27166
#1	-.00172	5.7692	6.4568	3.7509	-.01659	.03839	.32354
#2	-.00233	5.6910	6.4482	3.7474	-.02099	.04009	.32230

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51240	1.1577	.13569	.20309	-.01479	-.02253

SDev	.00010	.0003	.00019	.00057	.00280	.00260
%RSD	.01958	.02883	.13975	.27903	18.955	11.550
#1	.51247	1.1574	.13582	.20269	-.01677	-.02069

#2	.51233	1.1579	.13555	.20349	-.01281	-.02437

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31578	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1321130	--	--	--	--	--	--
#1	31549	--	--	--	--	--	--
#2	31608	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-2-a Operator: SRP
Run Time: 01/21/12 08:13:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	243.58	.00407	.14901	2.5325	.01208	.26396	.01096
SDev	.19	.00197	.00049	.0013	.00001	.00028	.00012
%RSD	.07787	48.229	.32783	.05250	.04759	.10731	1.0771
#1	243.72	.00268	.14866	2.5335	.01208	.26376	.01104
#2	243.45	.00546	.14936	2.5316	.01208	.26416	.01087

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1161.4	.21903	.12533	1.8664	181.60	.14175	.20739
SDev	.7	.00009	.00031	.0001	.10	.00006	.00005
%RSD	.06337	.04226	.24706	.00694	.05517	.04139	.02167
#1	1161.9	.21896	.12555	1.8663	181.67	.14179	.20742
#2	1160.9	.21909	.12511	1.8665	181.53	.14171	.20736

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01435	36.094	12.674	.00474	.24000	35.599	12.867
SDev	.00057	.016	.005	.00050	.00077	.004	.006
%RSD	3.9539	.04409	.03783	10.452	.32144	.01026	.04836
#1	-.01475	36.105	12.677	.00510	.24054	35.601	12.872
#2	-.01395	36.083	12.671	.00439	.23945	35.596	12.863

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00179	7.0295	7.7901	3.7554	-.01924	.03663	.29580
SDev	.00024	.1162	.0041	.0028	.00250	.00159	.00011
%RSD	13.534	1.6534	.05294	.07553	12.972	4.3421	.03715
#1	-.00162	7.1117	7.7930	3.7574	-.01747	.03776	.29572
#2	-.00197	6.9473	7.7872	3.7534	-.02100	.03551	.29587

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54299	.99886	.15903	.23157	-.00726	-.01790

SDev	.00029	.00082	.00027	.00007	.00199	.00184
%RSD	.05348	.08195	.16939	.02905	27.363	10.308
#1	.54320	.99944	.15922	.23152	-.00586	-.01920
#2	.54279	.99828	.15884	.23161	-.00867	-.01659

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33044	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1176924	--	--	--	--	--	--
#1	33017	--	--	--	--	--	--
#2	33072	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-3-a Operator: SRP
Run Time: 01/21/12 08:17:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	193.59	.00728	.10255	1.5023	.00887	.25581	.01026
SDev	.37	.00115	.00112	.0044	.00000	.00078	.00010
%RSD	.19106	15.829	1.0951	.29353	.03437	.30499	.97169
#1	193.85	.00809	.10334	1.5054	.00887	.25636	.01033
#2	193.33	.00646	.10175	1.4992	.00888	.25526	.01019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1549.8	.17655	.08994	.70211	152.74	.12127	.14449
SDev	1.8	.00049	.00008	.00140	.10	.00039	.00023
%RSD	.11780	.27631	.08632	.20011	.06303	.32288	.15749
#1	1548.5	.17620	.09000	.70310	152.67	.12155	.14465
#2	1551.1	.17689	.08989	.70111	152.81	.12100	.14433

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01143	32.945	9.0538	.00620	.19363	27.744	14.780
SDev	.00022	.018	.0062	.00018	.00042	.085	.009
%RSD	1.8908	.05509	.06801	2.8832	.21562	.30515	.06040
#1	-.01127	32.932	9.0495	.00608	.19334	27.804	14.786
#2	-.01158	32.958	9.0582	.00633	.19393	27.684	14.774

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	5.5372	6.2047	4.8610	-.01420	.03486	.31839
SDev	.00004	.0391	.0204	.0112	.00189	.00349	.00036
%RSD	2.2219	.70585	.32830	.22942	13.321	10.022	.11236
#1	-.00161	5.5648	6.2191	4.8689	-.01553	.03733	.31864
#2	-.00156	5.5095	6.1903	4.8531	-.01286	.03239	.31814

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44485	.86412	.10719	.16314	-.00152	-.01638
SDev	.00050	.00019	.00357	.00144	.00039	.00052
%RSD	.11312	.02163	3.3307	.88501	25.879	3.1774
#1	.44521	.86425	.10972	.16212	-.00180	-.01601
#2	.44450	.86399	.10467	.16416	-.00124	-.01675

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30366	--	--	--	--	--	--
SDev	123.7437	--	--	--	--	--	--
%RSD	.4075007	--	--	--	--	--	--
#1	30279	--	--	--	--	--	--
#2	30454	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-4-a Operator: SRP
Run Time: 01/21/12 08:21:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	273.64	-.00003	.12323	2.8157	.01153	2.6873	.02752
SDev	.47	.00051	.00357	.0032	.00000	.0047	.00008
%RSD	.17344	1504.1	2.8967	.11489	.00895	.17391	.29552
#1	273.30	-.00040	.12071	2.8134	.01153	2.6840	.02758
#2	273.98	.00033	.12576	2.8180	.01152	2.6906	.02747

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1388.6	4.8850	.10626	.66712	281.01	.16607	.18193
SDev	.8	.0104	.00016	.00023	.33	.00020	.00097
%RSD	.05688	.21233	.15010	.03525	.11639	.12175	.53037
#1	1388.1	4.8777	.10637	.66729	280.78	.16593	.18125
#2	1389.2	4.8923	.10615	.66695	281.24	.16621	.18261

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03460	78.465	36.399	.02445	.24777	32.504	12.765
SDev	.00059	.101	.029	.00218	.00035	.071	.021
%RSD	1.7025	.12880	.07877	8.9011	.14192	.21904	.16279
#1	-.03502	78.394	36.378	.02599	.24752	32.453	12.751
#2	-.03418	78.537	36.419	.02291	.24802	32.554	12.780

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00122	8.9661	10.356	4.6333	-.03518	.20092	.70160
SDev	.00066	.0277	.023	.0063	.00012	.00128	.00152

%RSD	54.111	.30906	.22207	.13540	.34895	.63884	.21685
#1	-.00075	8.9857	10.339	4.6289	-.03527	.20183	.70053
#2	-.00168	8.9465	10.372	4.6378	-.03510	.20002	.70268

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96065	2.4386	.12705	.20937	-.03374	-.03503
SDev	.00144	.0035	.00097	.00193	.00744	.00460
%RSD	.14985	.14449	.76165	.92237	22.034	13.136
#1	.95963	2.4361	.12773	.20801	-.02849	-.03828
#2	.96167	2.4411	.12637	.21074	-.03900	-.03178

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30796	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.0849571	--	--	--	--	--	--
#1	30777	--	--	--	--	--	--
#2	30814	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-5-a Operator: SRP
Run Time: 01/21/12 08:24:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	226.27	.00278	.12801	2.3101	.01243	13.544	.00970
SDev	.19	.00139	.00059	.0011	.00000	.001	.00013
%RSD	.08208	50.093	.45768	.04803	.01365	.00666	1.3003
#1	226.40	.00377	.12760	2.3109	.01243	13.543	.00979
#2	226.14	.00180	.12843	2.3093	.01243	13.544	.00961

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1064.7	.20356	.13214	.36893	169.24	.15384	.19207
SDev	.4	.00024	.00008	.00012	.06	.00023	.00063
%RSD	.03673	.11651	.05947	.03353	.03656	.15175	.32740
#1	1064.4	.20373	.13220	.36902	169.20	.15401	.19251
#2	1064.9	.20339	.13209	.36885	169.29	.15368	.19162

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01647	34.110	13.280	.00110	.24861	28.349	11.539
SDev	.00216	.003	.004	.00192	.00146	.072	.002
%RSD	13.098	.00860	.02833	174.41	.58595	.25546	.01936
#1	-.01494	34.112	13.277	.00246	.24758	28.400	11.540
#2	-.01799	34.108	13.282	-.00026	.24964	28.297	11.537

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00200	8.3341	9.3004	4.8949	-.02281	.03799	.31464
SDev	.00007	.0534	.0223	.0030	.00344	.00092	.00029
%RSD	3.5822	.64115	.23989	.06145	15.062	2.4243	.09316
#1	-.00205	8.2963	9.3161	4.8970	-.02524	.03864	.31485
#2	-.00195	8.3718	9.2846	4.8927	-.02038	.03734	.31444

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52178	.63831	.14673	.21474	-.01423	-.01758
SDev	.00025	.00029	.00106	.00041	.00254	.00196
%RSD	.04736	.04485	.72322	.19217	17.879	11.163
#1	.52196	.63811	.14748	.21503	-.01243	-.01620
#2	.52161	.63851	.14598	.21444	-.01603	-.01897

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33331	--	--	--	--	--	--
SDev	21.21320	--	--	--	--	--	--
%RSD	.0636441	--	--	--	--	--	--
#1	33346	--	--	--	--	--	--
#2	33316	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-6-a Operator: SRP
Run Time: 01/21/12 08:28:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	209.70	.00438	.15452	2.2301	.01113	11.405	.01256
SDev	.08	.00375	.00199	.0017	.00001	.004	.00000
%RSD	.03976	85.543	1.2912	.07796	.09700	.03544	.01166
#1	209.76	.00173	.15593	2.2313	.01112	11.402	.01256
#2	209.64	.00703	.15310	2.2288	.01113	11.408	.01256

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1013.5	.23850	.13348	2.1037	197.79	.13856	.21354
SDev	.4	.00042	.00006	.0006	.07	.00006	.00061
%RSD	.03836	.17604	.04394	.03036	.03532	.04165	.28796
#1	1013.8	.23821	.13344	2.1041	197.84	.13860	.21397
#2	1013.2	.23880	.13352	2.1032	197.74	.13852	.21310

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01415	32.837	13.866	.00486	.24705	32.144	13.818
SDev	.00195	.006	.007	.00037	.00074	.054	.000
%RSD	13.774	.01957	.05117	7.7075	.30097	.16926	.00239

#1	-.01277	32.841	13.871	.00459	.24652	32.182	13.818

#2	-.01553	32.832	13.861	.00512	.24757	32.106	13.818

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00209	13.382	14.550	4.9234	-.02340	.05454	.35979
SDev	.00005	.004	.004	.0007	.00045	.00252	.00020
%RSD	2.2156	.03004	.02557	.01500	1.9259	4.6256	.05457
#1	-.00205	13.385	14.553	4.9240	-.02308	.05632	.35992
#2	-.00212	13.379	14.548	4.9229	-.02372	.05275	.35965

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50625	2.1612	.16918	.23571	-.00774	-.01736
SDev	.00051	.0007	.00180	.00002	.00016	.00284
%RSD	.10009	.03056	1.0629	.00985	2.0351	16.392
#1	.50589	2.1617	.17046	.23573	-.00763	-.01534
#2	.50661	2.1607	.16791	.23570	-.00785	-.01937

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32365	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.1573048	--	--	--	--	--	--
#1	32329	--	--	--	--	--	--
#2	32401	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-7-a Operator: SRP
Run Time: 01/21/12 08:32:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	218.04	.00578	.15689	1.7048	.01050	.25561	.01280
SDev	.50	.00019	.00199	.0035	.00002	.00632	.00004
%RSD	.23071	3.3283	1.2670	.20426	.15939	2.4736	.30093
#1	217.68	.00592	.15549	1.7024	.01051	.26008	.01277
#2	218.40	.00565	.15830	1.7073	.01049	.25114	.01283

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1458.4	.19813	.10249	1.0124	177.15	.14344	.17027
SDev	2.4	.00032	.00053	.0024	.05	.00049	.00259
%RSD	.16297	.16321	.51815	.23644	.02582	.33795	1.5202
#1	1460.1	.19836	.10287	1.0107	177.19	.14309	.16844
#2	1456.7	.19790	.10211	1.0141	177.12	.14378	.17210

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01697	33.960	11.185	.00449	.23275	31.677	12.262
SDev	.00356	.027	.004	.00040	.00047	.166	.015
%RSD	21.002	.07831	.03378	8.8808	.20071	.52246	.12074

#1	-.01445	33.979	11.187	.00421	.23242	31.560	12.251
#2	-.01949	33.941	11.182	.00477	.23308	31.794	12.272

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00189	8.8558	9.9848	4.7095	-.01876	.03378	.25763
SDev	.00016	.0209	.0372	.0092	.00498	.00190	.00006
%RSD	8.2507	.23601	.37238	.19596	26.567	5.6230	.02429

#1	-.00200	8.8705	9.9585	4.7030	-.01523	.03243	.25768
#2	-.00178	8.8410	10.011	4.7160	-.02228	.03512	.25759

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47914	1.0837	.12599	.19241	-.00606	-.02243
SDev	.00033	.0004	.00083	.00347	.00540	.00265
%RSD	.06838	.04110	.65951	1.8019	89.072	11.809

#1	.47937	1.0840	.12540	.18996	-.00224	-.02056
#2	.47890	1.0834	.12657	.19486	-.00987	-.02430

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31052	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0250493	--	--	--	--	--	--

#1	31057	--	--	--	--	--	--
#2	31046	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-8-a Operator: SRP
Run Time: 01/21/12 08:36:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.84	.01045	.12571	1.3380	.00880	.35216	.01325
SDev	.12	.00032	.00304	.0009	.00003	.00007	.00000
%RSD	.07369	3.1109	2.4221	.06728	.38496	.02059	.00870

#1	168.93	.01022	.12786	1.3386	.00877	.35222	.01325
#2	168.75	.01068	.12356	1.3373	.00882	.35211	.01325

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1459.4	.17203	.09569	.83843	190.40	.10901	.15436
SDev	2.0	.00002	.00051	.00160	.23	.00012	.00015
%RSD	.13506	.00897	.53299	.19074	.12257	.11358	.09584

#1	1458.0	.17202	.09605	.83956	190.24	.10910	.15447
#2	1460.8	.17204	.09532	.83730	190.57	.10893	.15426

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01610	29.657	9.0083	.00761	.21228	26.139	13.163
SDev	.00331	.023	.0102	.00057	.00095	.048	.007
%RSD	20.559	.07911	.11378	7.5461	.44914	.18543	.05393
#1	-.01844	29.640	9.0010	.00802	.21160	26.173	13.158
#2	-.01376	29.673	9.0155	.00721	.21295	26.104	13.168

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	7.2557	8.0445	5.0016	-.01411	.03653	.27751
SDev	.00029	.0376	.0082	.0017	.00587	.00188	.00006
%RSD	15.385	.51771	.10175	.03323	41.564	5.1592	.02187
#1	-.00168	7.2823	8.0503	5.0028	-.00997	.03787	.27755
#2	-.00209	7.2292	8.0387	5.0004	-.01826	.03520	.27747

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40235	1.7122	.12007	.17151	-.00286	-.02272
SDev	.00034	.0024	.00066	.00011	.00211	.00391
%RSD	.08530	.13861	.54909	.06281	73.798	17.212
#1	.40211	1.7105	.12053	.17143	-.00435	-.02549
#2	.40259	1.7139	.11960	.17159	-.00137	-.01996

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30339	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2004390	--	--	--	--	--	--
#1	30296	--	--	--	--	--	--
#2	30382	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 08:40:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5015	.50012	.50083	.49486	.51131	.50765	.50420
SDev	.0128	.00009	.00169	.00132	.00028	.00104	.00032
%RSD	.51130	.01721	.33786	.26647	.05472	.20424	.06345
#1	2.5106	.50018	.49963	.49580	.51151	.50839	.50442
#2	2.4925	.50006	.50202	.49393	.51111	.50692	.50397

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.746	.50181	.50365	.50299	2.5435	.46003	.50129
SDev	.045	.00092	.00001	.00066	.0109	.00211	.00072
%RSD	.35680	.18369	.00249	.13198	.42954	.45821	.14266
#1	12.778	.50246	.50366	.50346	2.5358	.46152	.50078
#2	12.714	.50116	.50364	.50252	2.5512	.45854	.50179

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50672	5.0358	.49457	.50729	.50338	11.993	.96382
SDev	.00059	.0091	.00071	.00281	.00162	.060	.00952
%RSD	.11719	.18067	.14445	.55430	.32192	.50279	.98761
#1	.50630	5.0423	.49508	.50531	.50224	12.035	.97055
#2	.50714	5.0294	.49407	.50928	.50453	11.950	.95708

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24786	12.524	11.839	.24488	.50386	.51047	.50874
SDev	.00020	.021	.069	.00048	.00029	.00350	.00080
%RSD	.08270	.16529	.58208	.19693	.05737	.68514	.15696
#1	.24772	12.509	11.887	.24522	.50366	.51294	.50930
#2	.24801	12.538	11.790	.24454	.50407	.50800	.50817

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50594	.50770	.49888	.50249	.50679	.50674
SDev	.00042	.00113	.00301	.00043	.00109	.00144
%RSD	.08402	.22317	.60365	.08617	.21508	.28333
#1	.50624	.50850	.49675	.50279	.50757	.50573
#2	.50564	.50689	.50101	.50218	.50602	.50776

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29544	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.1938623	--	--	--	--	--	--
#1	29585	--	--	--	--	--	--
#2	29504	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 08:44:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02707	.00246	-.00042	.00034	.00024	.01051	.00038
SDev	.00462	.00041	.00042	.00020	.00013	.00040	.00002

%RSD	17.080	16.795	98.303	57.456	54.828	3.8155	6.0311
#1	.02380	.00217	-.00072	.00020	.00015	.01080	.00036
#2	.03034	.00275	-.00013	.00048	.00034	.01023	.00039

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03563	.00048	.00035	.00032	.00733	-.00000	.00002
SDev	.01282	.00065	.00007	.00023	.00545	.00010	.00026
%RSD	35.986	135.52	20.880	71.931	74.282	3788.7	1458.2

#1	.02657	.00002	.00030	.00016	.00348	-.00007	-.00017
#2	.04470	.00094	.00040	.00048	.01118	.00007	.00020
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	.01400	.00038	.00197	-.00014	-.02384	.00298
SDev	.00162	.00095	.00017	.00063	.00004	.00231	.00070
%RSD	129.26	6.8039	44.838	31.809	28.038	9.6977	23.607
#1	.00011	.01332	.00026	.00241	-.00011	-.02220	.00248
#2	.00240	.01467	.00050	.00153	-.00017	-.02547	.00348
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	-.01967	-.00378	.00022	.00143	.00053	.00036
SDev	.00006	.00026	.00285	.00010	.00242	.00081	.00023
%RSD	24.007	1.3251	75.357	45.504	168.95	153.13	63.390
#1	.00027	-.01985	-.00580	.00015	-.00028	.00110	.00020
#2	.00019	-.01948	-.00177	.00030	.00314	-.00004	.00052
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00047	-.00360	.00163	-.00079	.00460	-.00042	
SDev	.00007	.00017	.00024	.00051	.00463	.00012	
%RSD	15.403	4.7921	14.919	65.094	100.56	29.319	
#1	.00042	-.00372	.00180	-.00115	.00133	-.00050	
#2	.00052	-.00348	.00146	-.00043	.00788	-.00033	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29622	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0859356	--	--	--	--	--	--
#1	29604	--	--	--	--	--	--
#2	29640	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-9-a Operator: SRP
Run Time: 01/21/12 08:48:04
Comment: TRACE 61E

Analysis Report 01/21/12 08:51:52 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	253.18	-.00078	.12746	2.1344	.01195	1.2480	.01420
SDev	.54	.00227	.00249	.0044	.00001	.0029	.00004
%RSD	.21134	288.92	1.9563	.20654	.10858	.22918	.29749
#1	253.56	.00082	.12922	2.1376	.01195	1.2501	.01417
#2	252.81	-.00239	.12569	2.1313	.01194	1.2460	.01423

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1290.7	1.1274	.10833	.37281	210.50	.14258	.17402
SDev	1.2	.0010	.00016	.00065	.29	.00033	.00015
%RSD	.09415	.09244	.14868	.17524	.13965	.22924	.08506
#1	1291.6	1.1281	.10844	.37328	210.71	.14281	.17413
#2	1289.9	1.1266	.10822	.37235	210.29	.14235	.17392

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01901	45.977	16.417	.00818	.22468	31.542	11.176
SDev	.00153	.076	.023	.00065	.00151	.043	.004
%RSD	8.0299	.16451	.13859	7.9958	.67087	.13491	.03725
#1	-.02009	46.030	16.433	.00864	.22574	31.573	11.179
#2	-.01793	45.923	16.401	.00771	.22361	31.512	11.173

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00184	3.5412	4.0031	3.1084	-.02057	.03510	.26419
SDev	.00006	.0086	.0034	.0047	.00205	.00001	.00033
%RSD	3.1325	.24421	.08598	.15227	9.9554	.01382	.12386
#1	-.00188	3.5351	4.0055	3.1118	-.01912	.03510	.26443
#2	-.00180	3.5474	4.0007	3.1051	-.02202	.03510	.26396

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55687	.85870	.12395	.19906	-.01002	-.02351
SDev	.00044	.00071	.00144	.00050	.00230	.00344
%RSD	.07857	.08248	1.1596	.24948	22.958	14.638
#1	.55718	.85920	.12497	.19871	-.00840	-.02594
#2	.55656	.85820	.12294	.19941	-.01165	-.02107

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33476	--	--	--	--	--	--
SDev	130.8148	--	--	--	--	--	--
%RSD	.3907776	--	--	--	--	--	--
#1	33383	--	--	--	--	--	--
#2	33568	--	--	--	--	--	--

Analysis Report 01/21/12 08:51:52 AM page 15

Method: 20076010 Sample Name: 600-48986-b-10-a Operator: SRP
Run Time: 01/21/12 08:51:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	252.03	.00196	.10998	1.8341	.01127	1.4307	.01046
SDev	.40	.00110	.00215	.0026	.00001	.0006	.00008
%RSD	.15952	55.773	1.9574	.14299	.12107	.04177	.79370
#1	251.75	.00119	.11150	1.8322	.01126	1.4303	.01040
#2	252.31	.00274	.10846	1.8359	.01127	1.4311	.01051

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1394.8	.21815	.09059	.26359	169.83	.14163	.15545
SDev	.8	.00055	.00005	.00044	.31	.00019	.00100
%RSD	.05708	.25230	.04958	.16607	.18376	.13277	.64617
#1	1394.2	.21776	.09056	.26328	169.61	.14149	.15474
#2	1395.4	.21853	.09062	.26390	170.05	.14176	.15616

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01649	37.574	9.4356	.00388	.20730	32.495	12.173
SDev	.00033	.060	.0163	.00064	.00023	.040	.027
%RSD	1.9777	.15892	.17305	16.575	.11075	.12193	.22001
#1	-.01672	37.532	9.4240	.00434	.20746	32.466	12.155
#2	-.01626	37.616	9.4471	.00343	.20714	32.523	12.192

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00196	5.8333	6.5725	4.9129	-.01252	.03520	.29542
SDev	.00044	.0022	.0074	.0074	.00493	.00034	.00049
%RSD	22.269	.03726	.11275	.14990	39.411	.98110	.16643
#1	-.00165	5.8348	6.5672	4.9077	-.01600	.03544	.29508
#2	-.00226	5.8318	6.5777	4.9182	-.00903	.03495	.29577

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48037	.66141	.10590	.18023	-.00761	-.02093
SDev	.00147	.00083	.00098	.00102	.00450	.00274
%RSD	.30575	.12567	.92458	.56437	59.126	13.086
#1	.47933	.66082	.10521	.17951	-.00443	-.02287
#2	.48141	.66199	.10659	.18095	-.01079	-.01900

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31436	--	--	--	--	--	--

SDev	44.54773	--	--	--	--	--	--
%RSD	.1417115	--	--	--	--	--	--
#1	31404	--	--	--	--	--	--
#2	31467	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-11-a Operator: SRP
Run Time: 01/21/12 08:55:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	219.58	.00132	.12209	1.7560	.01066	1.5327	.01113
SDev	.20	.00352	.00055	.0054	.00001	.0010	.00016
%RSD	.09095	266.82	.45233	.30616	.09920	.06394	1.4414

#1	219.72	-.00117	.12170	1.7598	.01065	1.5320	.01102
#2	219.43	.00380	.12248	1.7522	.01067	1.5333	.01125

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1332.1	.20517	.09378	.55665	158.64	.12950	.16680
SDev	2.4	.00017	.00028	.00100	.03	.00037	.00019
%RSD	.17824	.08225	.29712	.18002	.02053	.28248	.11234
#1	1330.4	.20506	.09358	.55736	158.62	.12976	.16667
#2	1333.8	.20529	.09397	.55594	158.66	.12924	.16693

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01707	35.086	10.061	.00453	.20378	29.741	13.716
SDev	.00110	.022	.005	.00015	.00025	.100	.005
%RSD	6.4633	.06186	.04643	3.3563	.12358	.33523	.03337
#1	-.01629	35.071	10.058	.00464	.20396	29.812	13.719
#2	-.01785	35.102	10.065	.00442	.20360	29.671	13.712

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00171	3.8853	4.4172	4.9869	-.01456	.03483	.26766
SDev	.00011	.0006	.0118	.0117	.00196	.00049	.00051
%RSD	6.1439	.01586	.26769	.23495	13.452	1.3952	.18856
#1	-.00178	3.8857	4.4256	4.9951	-.01318	.03518	.26802
#2	-.00164	3.8849	4.4088	4.9786	-.01595	.03449	.26730

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45010	1.0297	.12209	.18915	-.00954	-.02084
SDev	.00024	.0011	.00007	.00032	.00105	.00218
%RSD	.05437	.10688	.05980	.16789	10.992	10.459
#1	.44992	1.0289	.12214	.18893	-.01028	-.01930
#2	.45027	1.0304	.12204	.18938	-.00880	-.02238

Analysis Report 01/21/12 08:59:34 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32034	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	.1721744	--	--	--	--	--	--
#1	31995	--	--	--	--	--	--
#2	32073	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-12-a Operator: SRP
Run Time: 01/21/12 08:59:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	247.26	.00285	.12308	1.9321	.01130	.37645	.01266
SDev	.07	.00178	.00316	.0010	.00002	.00111	.00014
%RSD	.02887	62.330	2.5669	.05431	.13961	.29586	1.1138
#1	247.21	.00411	.12531	1.9313	.01131	.37723	.01276
#2	247.31	.00160	.12084	1.9328	.01129	.37566	.01256

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1283.0	.22994	.24318	.76996	188.28	.16156	.17471
SDev	1.1	.00034	.00028	.00054	.07	.00012	.00030
%RSD	.08741	.14982	.11302	.07061	.03779	.07480	.17203
#1	1283.8	.23019	.24299	.76957	188.33	.16148	.17492
#2	1282.2	.22970	.24338	.77034	188.23	.16165	.17450

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01745	37.941	11.588	.00430	.28325	32.779	13.129
SDev	.00126	.010	.002	.00017	.00091	.021	.010
%RSD	7.2186	.02614	.02096	3.9224	.32230	.06507	.07778
#1	-.01656	37.934	11.589	.00418	.28260	32.794	13.122
#2	-.01835	37.948	11.586	.00442	.28389	32.764	13.137

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	2.7468	3.1399	3.8117	-.02022	.03889	.28007
SDev	.00010	.0766	.0018	.0014	.00199	.00133	.00010
%RSD	5.0092	2.7876	.05854	.03560	9.8314	3.4096	.03731
#1	-.00195	2.8010	3.1386	3.8107	-.01882	.03983	.28000
#2	-.00210	2.6927	3.1412	3.8126	-.02163	.03796	.28015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52982	1.3465	.12308	.20053	-.01159	-.02039
SDev	.00030	.0011	.00126	.00108	.00225	.00076
%RSD	.05681	.08098	1.0266	.53990	19.432	3.7478

#1	.52961	1.3457	.12219	.20129	-.01000	-.01985
#2	.53003	1.3473	.12398	.19976	-.01318	-.02093

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31817	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0266690	--	--	--	--	--	--
#1	31811	--	--	--	--	--	--
#2	31823	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-13-a Operator: SRP
Run Time: 01/21/12 09:03:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	315.28	.00167	.12594	3.4680	.01551	.04680	.01115
SDev	.10	.00181	.00053	.0016	.00001	.00036	.00007
%RSD	.03207	108.12	.42430	.04481	.08717	.76638	.66540
#1	315.21	.00295	.12632	3.4669	.01550	.04705	.01120
#2	315.35	.00039	.12556	3.4691	.01552	.04654	.01110

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	798.45	.27524	.17004	.19447	224.56	.17188	.21924
SDev	.66	.00021	.00011	.00014	.04	.00013	.00042
%RSD	.08279	.07709	.06150	.07323	.01830	.07543	.19337
#1	798.91	.27509	.17011	.19436	224.59	.17178	.21954
#2	797.98	.27539	.16997	.19457	224.53	.17197	.21894

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02118	39.259	20.346	-.00024	.33994	30.148	10.757
SDev	.00025	.003	.002	.00018	.00030	.016	.006
%RSD	1.1630	.00853	.00958	74.343	.08932	.05280	.05279
#1	-.02101	39.261	20.347	-.00036	.33973	30.137	10.753
#2	-.02136	39.256	20.344	-.00011	.34016	30.159	10.761

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	2.0019	2.3093	2.0894	-.02393	.03216	.24185
SDev	.00003	.0446	.0019	.0009	.00067	.00334	.00031
%RSD	1.1175	2.2303	.08254	.04397	2.7981	10.371	.12866
#1	-.00233	2.0335	2.3107	2.0887	-.02440	.03452	.24163
#2	-.00237	1.9703	2.3080	2.0900	-.02346	.02980	.24207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 01/21/12 09:07:17 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66492	.64085	.15728	.25022	-.01837	-.02259
SDev	.00032	.00020	.00307	.00090	.00346	.00136
%RSD	.04774	.03092	1.9499	.35869	18.839	6.0223
#1	.66514	.64099	.15945	.24958	-.01592	-.02355
#2	.66469	.64071	.15512	.25085	-.02081	-.02163

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34676	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1039968	--	--	--	--	--	--
#1	34702	--	--	--	--	--	--
#2	34651	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-14-a Operator: SRP
Run Time: 01/21/12 09:07:21
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	266.11	.00150	.14590	2.3161	.01217	.06681	.01181
SDev	.44	.00302	.00169	.0011	.00001	.00077	.00009
%RSD	.16458	201.59	1.1609	.04616	.07561	1.1575	.74888
#1	265.80	.00364	.14710	2.3154	.01217	.06736	.01187
#2	266.42	-.00064	.14471	2.3169	.01216	.06626	.01175

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1253.2	.61372	.12780	.20015	205.56	.14977	.18451
SDev	1.5	.00055	.00019	.00102	.05	.00034	.00041
%RSD	.12284	.08879	.14973	.51072	.02501	.22370	.22056
#1	1254.3	.61410	.12793	.19943	205.59	.14953	.18423
#2	1252.1	.61333	.12766	.20087	205.52	.15000	.18480

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01810	39.586	13.519	.00872	.24439	31.033	10.791
SDev	.00047	.006	.004	.00068	.00033	.066	.013
%RSD	2.6089	.01397	.03211	7.8557	.13582	.21192	.11771
#1	-.01843	39.590	13.523	.00920	.24415	30.986	10.782
#2	-.01777	39.582	13.516	.00823	.24462	31.079	10.800

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00224	2.1864	2.5408	3.4061	-.01926	.03263	.26311
SDev	.00049	.0199	.0030	.0022	.00062	.00010	.00015
%RSD	21.990	.91232	.11781	.06354	3.2156	.30589	.05789

#1	-.00189	2.2005	2.5387	3.4046	-.01969	.03256	.26300
#2	-.00259	2.1723	2.5429	3.4077	-.01882	.03270	.26322

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64627	.60172	.13079	.21138	-.00866	-.02282
SDev	.00003	.00005	.00052	.00087	.00544	.00343
%RSD	.00434	.00826	.39530	.41109	62.743	15.018
#1	.64629	.60168	.13115	.21076	-.00482	-.02524
#2	.64625	.60176	.13042	.21199	-.01251	-.02039

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32877	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0473168	--	--	--	--	--	--
#1	32866	--	--	--	--	--	--
#2	32888	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-15-a Operator: SRP

Run Time: 01/21/12 09:11:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	267.74	-.00123	.14389	2.1464	.01186	.68954	.01111
SDev	.19	.00052	.00104	.0029	.00002	.00125	.00004
%RSD	.07158	42.021	.72615	.13632	.14196	.18157	.32983
#1	267.87	-.00159	.14315	2.1485	.01187	.69043	.01108
#2	267.60	-.00086	.14463	2.1444	.01185	.68866	.01113

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1237.6	.23115	.11360	.20779	181.43	.15433	.17842
SDev	.8	.00035	.00012	.00036	.08	.00024	.00004
%RSD	.06061	.15075	.10875	.17407	.04321	.15585	.02132
#1	1238.1	.23090	.11369	.20805	181.48	.15450	.17845
#2	1237.1	.23139	.11351	.20753	181.37	.15416	.17839

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01668	37.265	12.578	.00166	.24554	32.977	12.536
SDev	.00110	.018	.005	.00045	.00043	.038	.007
%RSD	6.5878	.04960	.04233	26.849	.17616	.11520	.05304
#1	-.01746	37.278	12.582	.00135	.24584	33.004	12.541
#2	-.01591	37.252	12.574	.00198	.24523	32.951	12.532

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00194	2.5040	2.9128	3.1059	-.01641	.03137	.30861
SDev	.00034	.0297	.0038	.0028	.00348	.00113	.00038
%RSD	17.574	1.1870	.13156	.09077	21.228	3.5903	.12165
#1	-.00170	2.5250	2.9155	3.1079	-.01394	.03057	.30888
#2	-.00218	2.4830	2.9101	3.1039	-.01887	.03217	.30834

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56613	.58623	.12620	.20453	-.01282	-.01862
SDev	.00066	.00021	.00192	.00090	.00276	.00027
%RSD	.11674	.03618	1.5192	.44080	21.492	1.4561
#1	.56660	.58608	.12756	.20389	-.01477	-.01881
#2	.56567	.58638	.12485	.20517	-.01087	-.01842

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32478	--	--	--	--	--	--
SDev	112.4300	--	--	--	--	--	--
%RSD	.3461781	--	--	--	--	--	--
#1	32398	--	--	--	--	--	--
#2	32557	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-16-a Operator: SRP
Run Time: 01/21/12 09:15:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	277.50	.00324	.11398	2.0340	.01309	.54150	.01110
SDev	.22	.00098	.00300	.0023	.00002	.00037	.00016
%RSD	.07786	30.378	2.6347	.11313	.11568	.06884	1.4239
#1	277.65	.00394	.11610	2.0356	.01310	.54124	.01099
#2	277.35	.00255	.11186	2.0324	.01308	.54176	.01121

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1187.9	.25439	.11207	.42129	188.67	.15533	.19307
SDev	3.2	.00038	.00082	.00047	.38	.00004	.00162
%RSD	.27017	.15002	.73447	.11183	.19890	.02819	.83985
#1	1190.1	.25466	.11265	.42163	188.93	.15536	.19193
#2	1185.6	.25412	.11148	.42096	188.40	.15530	.19422

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01436	39.670	8.7555	.00194	.24838	34.374	11.787
SDev	.00203	.064	.0159	.00028	.00011	.001	.015
%RSD	14.166	.16081	.18130	14.383	.04218	.00430	.12584
#1	-.01293	39.715	8.7668	.00174	.24845	34.373	11.797

#2	-.01580	39.625	8.7443	.00213	.24830	34.375	11.776

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00193	5.1264	5.6489	3.0842	-.01826	.03957	.30055
SDev	.00034	.0867	.0016	.0034	.00672	.00157	.00016
%RSD	17.689	1.6911	.02873	.11090	36.800	3.9676	.05489
#1	-.00169	5.1877	5.6501	3.0866	-.01351	.04068	.30066
#2	-.00217	5.0651	5.6478	3.0818	-.02302	.03846	.30043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57511	.81845	.13839	.22041	-.00506	-.01902
SDev	.00103	.00219	.00167	.00160	.00504	.00053
%RSD	.17848	.26758	1.2061	.72487	99.610	2.7908
#1	.57584	.82000	.13721	.21928	-.00150	-.01864
#2	.57439	.81690	.13957	.22154	-.00863	-.01939

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32720	--	--	--	--	--	--
SDev	86.97414	--	--	--	--	--	--
%RSD	.2658093	--	--	--	--	--	--

#1	32659	--	--	--	--	--	--
#2	32782	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-16-b du Operator: SRP
Run Time: 01/21/12 09:18:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	273.63	-.00075	.09411	2.6177	.01375	.92414	.01054
SDev	.25	.00003	.00266	.0005	.00006	.00136	.00006
%RSD	.09098	4.5506	2.8224	.01740	.40543	.14752	.52771
#1	273.81	-.00078	.09223	2.6174	.01379	.92511	.01058
#2	273.46	-.00073	.09599	2.6180	.01371	.92318	.01050

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	918.07	.22631	.10999	.29980	185.58	.14069	.19213
SDev	3.83	.00051	.00075	.00020	.49	.00018	.00004
%RSD	.41671	.22544	.68585	.06641	.26419	.12667	.01973
#1	920.77	.22667	.11052	.29994	185.93	.14056	.19210
#2	915.36	.22595	.10946	.29966	185.23	.14081	.19215

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01411	35.293	10.216	.00025	.21953	29.697	11.192

SDev	.00235	.107	.026	.00029	.00081	.042	.017
%RSD	16.653	.30402	.25819	115.67	.36740	.14020	.15338
#1	-.01245	35.369	10.234	.00045	.22010	29.667	11.204
#2	-.01577	35.217	10.197	.00005	.21896	29.726	11.180

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00223	5.6851	6.2566	2.4459	-.01713	.03038	.20723
SDev	.00001	.1191	.0099	.0001	.00098	.00010	.00040
%RSD	.26006	2.0948	.15784	.00358	5.6974	.31893	.19193
#1	-.00224	5.7694	6.2496	2.4458	-.01782	.03044	.20751
#2	-.00223	5.6009	6.2636	2.4460	-.01644	.03031	.20694

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51892	.63222	.13621	.22009	-.00382	-.01926
SDev	.00122	.00147	.00020	.00004	.00031	.00337
%RSD	.23543	.23337	.14562	.01922	8.2318	17.490
#1	.51978	.63326	.13607	.22012	-.00360	-.01687
#2	.51805	.63118	.13635	.22006	-.00405	-.02164

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34852	--	--	--	--	--	--

SDev	72.83200	--	--	--	--	--	--
%RSD	.2089781	--	--	--	--	--	--
#1	34800	--	--	--	--	--	--
#2	34903	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-16-c ms Operator: SRP
Run Time: 01/21/12 09:22:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	305.52	.30005	.96364	2.8416	.39934	2.1577	.37895
SDev	.16	.00106	.00194	.0004	.00021	.0004	.00041
%RSD	.05156	.35377	.20174	.01583	.05172	.01995	.10800
#1	305.63	.29930	.96502	2.8419	.39948	2.1581	.37924
#2	305.41	.30080	.96227	2.8413	.39919	2.1574	.37866

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1390.7	1.0177	.85244	1.2605	203.16	.71089	.93033
SDev	1.9	.0012	.00076	.0003	.13	.00036	.00131
%RSD	.13480	.11737	.08909	.02223	.06397	.05044	.14057
#1	1392.1	1.0185	.85298	1.2607	203.25	.71115	.92941

#2	1389.4	1.0169	.85190	1.2603	203.07	.71064	.93126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78383	51.528	13.263	.69099	.97300	50.642	12.931
SDev	.00515	.040	.010	.00118	.00224	.021	.001
%RSD	.65639	.07687	.07244	.17071	.23019	.04200	.00426
#1	.78019	51.556	13.270	.69016	.97458	50.657	12.931
#2	.78747	51.500	13.257	.69183	.97141	50.627	12.932

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45272	17.416	19.505	4.9206	.76504	.79832	.61890
SDev	.00007	.096	.002	.0015	.00562	.00305	.00020
%RSD	.01509	.55137	.00825	.03060	.73454	.38237	.03206
#1	.45277	17.484	19.506	4.9217	.76107	.80048	.61904
#2	.45267	17.348	19.504	4.9196	.76902	.79616	.61876

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3457	1.6783	.85909	.96595	.77907	.78621
SDev	.0009	.0023	.00016	.00188	.00917	.00313
%RSD	.06530	.13529	.01863	.19480	1.1776	.39814
#1	1.3463	1.6799	.85898	.96462	.77258	.78400
#2	1.3451	1.6767	.85921	.96728	.78556	.78842

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31354	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.0608923	--	--	--	--	--	--
#1	31340	--	--	--	--	--	--
#2	31367	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 09:26:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5097	.49670	.50221	.49173	.50621	.50056	.50330
SDev	.0283	.00057	.00400	.00112	.00062	.00098	.00058
%RSD	1.1266	.11445	.79685	.22841	.12173	.19611	.11561
#1	2.5297	.49711	.50504	.49252	.50664	.50125	.50371
#2	2.4897	.49630	.49938	.49093	.50577	.49987	.50289

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.840	.49739	.49825	.49720	2.5682	.45922	.49944
SDev	.128	.00094	.00152	.00137	.0132	.00074	.00038
%RSD	.99987	.18935	.30526	.27480	.51221	.16123	.07507
#1	12.931	.49806	.49932	.49817	2.5775	.45974	.49971
#2	12.749	.49673	.49717	.49623	2.5589	.45869	.49918

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50396	4.9996	.49121	.50881	.50297	11.957	.96361
SDev	.00154	.0072	.00148	.00039	.00021	.015	.01596
%RSD	.30634	.14442	.30116	.07685	.04252	.12764	1.6563
#1	.50286	5.0047	.49225	.50853	.50312	11.967	.97490
#2	.50505	4.9945	.49016	.50908	.50282	11.946	.95233

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24679	12.512	11.810	.24431	.50667	.50900	.50606
SDev	.00029	.024	.028	.00054	.00099	.00181	.00072
%RSD	.11569	.19529	.23441	.22048	.19478	.35616	.14304
#1	.24699	12.495	11.829	.24469	.50597	.51028	.50657
#2	.24659	12.530	11.790	.24393	.50737	.50772	.50554

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50186	.50577	.49473	.50180	.49705	.50747
SDev	.00114	.00038	.00112	.00112	.00004	.00233
%RSD	.22714	.07476	.22684	.22390	.00721	.45983
#1	.50266	.50604	.49394	.50259	.49708	.50582
#2	.50105	.50551	.49552	.50101	.49703	.50912

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29655	--	--	--	--	--	--
SDev	21.21320	--	--	--	--	--	--
%RSD	.0715333	--	--	--	--	--	--
#1	29640	--	--	--	--	--	--
#2	29670	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 09:30:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02612	.00279	.00097	.00050	.00034	.00637	.00041
SDev	.00042	.00059	.00218	.00007	.00010	.00058	.00000
%RSD	1.6010	21.318	223.67	15.108	28.367	9.0484	.05598

#1	.02641	.00321	-.00057	.00055	.00040	.00678	.00041
#2	.02582	.00237	.00252	.00044	.00027	.00596	.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05040	.00053	.00059	.00029	.00936	.00006	.00096
SDev	.00845	.00012	.00017	.00017	.01697	.00001	.00025
%RSD	16.758	22.534	29.254	59.704	181.24	10.634	26.413
#1	.05637	.00062	.00047	.00042	-.00264	.00006	.00078
#2	.04443	.00045	.00072	.00017	.02136	.00005	.00114

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.01690	.00058	.00202	-.00021	-.01269	.00191
SDev	.00063	.00557	.00011	.00149	.00094	.02867	.00085
%RSD	47.427	32.953	19.477	73.630	441.41	226.01	44.630
#1	.00178	.01296	.00066	.00308	-.00088	-.03296	.00131
#2	.00088	.02083	.00050	.00097	.00045	.00759	.00252

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.04701	-.00198	.00028	-.00012	-.00028	.00060
SDev	.00027	.16652	.00043	.00006	.00066	.00124	.00019
%RSD	98.060	354.24	21.525	20.012	541.70	441.10	32.408
#1	.00008	-.07074	-.00228	.00032	.00034	-.00116	.00073
#2	.00046	.16475	-.00168	.00024	-.00058	.00059	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	-.00367	.00148	.00070	.00265	.00067
SDev	.00016	.00015	.00214	.00069	.00319	.00065
%RSD	31.335	3.9759	145.33	98.071	120.19	97.022

#1	.00063	-.00357	-.00004	.00119	.00491	.00021
#2	.00040	-.00377	.00299	.00022	.00040	.00113

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30082	--	--	--	--	--	--
SDev	379.7163	--	--	--	--	--	--
%RSD	1.262250	--	--	--	--	--	--
#1	30351	--	--	--	--	--	--
#2	29814	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-16-d msd Operator: SRP
Run Time: 01/21/12 09:34:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	348.79	.28700	.89700	3.1120	.38406	1.3120	.36093
SDev	.01	.00028	.00633	.0021	.00027	.0013	.00043
%RSD	.00319	.09717	.70618	.06625	.07004	.09733	.11834
#1	348.79	.28720	.89252	3.1135	.38387	1.3111	.36062
#2	348.80	.28681	.90148	3.1106	.38425	1.3129	.36123

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	986.46	1.0248	.85841	1.2697	234.85	.67513	.92072
SDev	1.45	.0021	.00083	.0005	.25	.00080	.00083
%RSD	.14739	.20123	.09623	.04320	.10547	.11793	.09010
#1	985.43	1.0234	.85782	1.2701	234.68	.67570	.92013
#2	987.49	1.0263	.85899	1.2693	235.03	.67457	.92130

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71162	51.033	11.346	.61812	.98649	48.170	10.914
SDev	.00035	.068	.008	.00003	.00128	.106	.016
%RSD	.04908	.13292	.07455	.00497	.13030	.22100	.14940
#1	.71137	50.985	11.340	.61809	.98740	48.245	10.902
#2	.71186	51.081	11.352	.61814	.98558	48.094	10.925

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41180	15.519	16.987	3.0810	.72309	.74496	.49469
SDev	.00005	.075	.020	.0021	.00015	.00318	.00013
%RSD	.01083	.48408	.11744	.06834	.02065	.42717	.02611
#1	.41177	15.572	17.001	3.0825	.72320	.74721	.49460
#2	.41183	15.466	16.973	3.0796	.72299	.74271	.49478

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3953	1.5884	.84461	.95877	.70714	.71385

SDev	.0007	.0022	.00134	.00057	.00743	.00319
%RSD	.05257	.14094	.15841	.06000	1.0503	.44682
#1	1.3948	1.5868	.84366	.95837	.70189	.71611
#2	1.3958	1.5900	.84555	.95918	.71239	.71160

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34588	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0347538	--	--	--	--	--	--
#1	34580	--	--	--	--	--	--
#2	34597	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-17-a Operator: SRP
Run Time: 01/21/12 09:38:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	274.41	.00278	.13811	2.2324	.01286	.29847	.01085
SDev	.04	.00329	.00149	.0001	.00003	.00077	.00012
%RSD	.01638	118.49	1.0797	.00268	.22243	.25840	1.0810
#1	274.38	.00511	.13705	2.2324	.01288	.29902	.01076
#2	274.44	.00045	.13916	2.2325	.01284	.29793	.01093

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1287.0	.50509	.09961	.25304	184.33	.15419	.18732
SDev	1.7	.00077	.00015	.00024	.25	.00017	.00082
%RSD	.12878	.15186	.15093	.09564	.13657	.10832	.43972
#1	1288.2	.50563	.09950	.25321	184.51	.15408	.18790
#2	1285.8	.50455	.09972	.25287	184.15	.15431	.18673

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01583	50.893	10.186	.00667	.22608	31.462	11.007
SDev	.00050	.072	.011	.00176	.00050	.046	.005
%RSD	3.1509	.14110	.10574	26.401	.22304	.14718	.04092
#1	-.01548	50.943	10.193	.00792	.22572	31.429	11.011
#2	-.01618	50.842	10.178	.00543	.22643	31.495	11.004

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00169	3.0413	3.4890	3.1288	-.01391	.03373	.30524
SDev	.00015	.0004	.0019	.0004	.00372	.00119	.00043
%RSD	9.0264	.01404	.05408	.01189	26.713	3.5117	.13948
#1	-.00158	3.0410	3.4876	3.1291	-.01128	.03457	.30554
#2	-.00180	3.0416	3.4903	3.1286	-.01654	.03290	.30494

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53829	.63196	.12990	.21602	-.01058	-.01845
SDev	.00037	.00097	.00208	.00228	.00431	.00140
%RSD	.06911	.15305	1.6043	1.0543	40.698	7.6101
#1	.53856	.63264	.12843	.21763	-.00753	-.01945
#2	.53803	.63127	.13138	.21441	-.01362	-.01746

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31974	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0154803	--	--	--	--	--	--

#1	31978	--	--	--	--	--
#2	31971	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-2-a Operator: SRP
Run Time: 01/21/12 09:41:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	195.29	.00267	.07188	2.2145	.01293	.06427	.00564
SDev	.07	.00188	.00072	.0030	.00002	.00045	.00019
%RSD	.03791	70.474	1.0010	.13376	.13684	.70518	3.3981
#1	195.34	.00134	.07239	2.2166	.01294	.06459	.00577
#2	195.24	.00400	.07137	2.2124	.01292	.06395	.00550

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	118.35	.21016	.11943	.16339	173.84	.09936	.20911
SDev	.22	.00050	.00023	.00041	.31	.00001	.00042
%RSD	.18748	.23711	.19166	.25062	.18036	.00732	.20329
#1	118.51	.21052	.11959	.16368	174.06	.09936	.20941
#2	118.20	.20981	.11926	.16310	173.62	.09937	.20881

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00547	40.904	6.7122	.00090	.18141	48.778	9.0897
SDev	.00041	.054	.0126	.00007	.00048	.014	.0107
%RSD	7.5566	.13180	.18806	7.4142	.26318	.02869	.11802
#1	-.00576	40.942	6.7211	.00094	.18174	48.768	9.0973
#2	-.00518	40.866	6.7032	.00085	.18107	48.788	9.0822

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	1.4756	1.5909	.28790	-.01450	.02996	.29365
SDev	.00006	.0211	.0005	.00028	.00288	.00032	.00048
%RSD	2.7551	1.4270	.02978	.09628	19.842	1.0695	.16276
#1	-.00230	1.4607	1.5906	.28809	-.01246	.03018	.29398

#2	-.00239	1.4904	1.5912	.28770	-.01653	.02973	.29331

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35348	.44474	.16888	.22923	-.00565	-.00537
SDev	.00044	.00130	.00191	.00032	.00071	.00027
%RSD	.12341	.29182	1.1301	.13814	12.547	4.9319
#1	.35379	.44565	.17023	.22901	-.00616	-.00556
#2	.35317	.44382	.16753	.22945	-.00515	-.00519

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35396	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.1418389	--	--	--	--	--	--
#1	35360	--	--	--	--	--	--
#2	35431	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-5-a Operator: SRP
Run Time: 01/21/12 09:45:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.06	.00174	.04456	.36513	.01077	.10685	.00634
SDev	.19	.00096	.00139	.00068	.00003	.00029	.00003
%RSD	.11453	55.109	3.1164	.18688	.28113	.26819	.39864
#1	168.19	.00106	.04554	.36562	.01079	.10665	.00632
#2	167.92	.00242	.04358	.36465	.01074	.10706	.00636

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	873.75	.17341	.07119	.13401	208.17	.26097	.17312
SDev	1.92	.00012	.00049	.00009	.44	.00030	.00008
%RSD	.21960	.07124	.69313	.06684	.21012	.11392	.04393
#1	875.11	.17350	.07154	.13394	208.48	.26118	.17306
#2	872.39	.17332	.07085	.13407	207.86	.26076	.17317

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01103	66.465	2.0411	.00020	.18860	21.535	10.890
SDev	.00103	.095	.0037	.00005	.00048	.025	.021
%RSD	9.3437	.14334	.18264	25.832	.25615	.11735	.19472
#1	-.01030	66.532	2.0437	.00024	.18894	21.553	10.905
#2	-.01175	66.397	2.0385	.00016	.18826	21.517	10.875

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00296	29.479	30.418	1.4291	-.01301	.03235	.40530
SDev	.00027	.141	.013	.0018	.00170	.00487	.00055

%RSD	9.0208	.47916	.04197	.12800	13.050	15.052	.13618
#1	-.00278	29.578	30.427	1.4304	-.01181	.03579	.40569
#2	-.00315	29.379	30.409	1.4278	-.01421	.02891	.40491

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39302	.68373	.13736	.19099	-.00690	-.01309
SDev	.00135	.00071	.00051	.00014	.00458	.00384
%RSD	.34461	.10331	.36774	.07250	66.454	29.307
#1	.39398	.68423	.13700	.19109	-.01014	-.01038

#2	.39206	.68323	.13772	.19089	-.00366	-.01580	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29620	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.1838160	--	--	--	--	--	--
#1	29582	--	--	--	--	--	--
#2	29659	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-5-b du Operator: SRP
Run Time: 01/21/12 09:49:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	159.07	.00394	.05283	.84564	.00908	.12621	.00724
SDev	.02	.00302	.00340	.00032	.00001	.00016	.00040
%RSD	.01367	76.581	6.4254	.03839	.11484	.12986	5.5624
#1	159.05	.00607	.05523	.84587	.00909	.12609	.00753
#2	159.08	.00181	.05043	.84541	.00908	.12633	.00696

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1662.5	.14513	.06691	.08581	158.09	.22318	.15825
SDev	1.8	.00071	.00004	.00028	.17	.00015	.00052
%RSD	.10630	.48858	.06605	.32628	.10715	.06580	.33137
#1	1663.8	.14563	.06688	.08601	158.21	.22308	.15862
#2	1661.3	.14463	.06694	.08561	157.97	.22329	.15788

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01488	54.740	2.0024	.00112	.13427	25.031	11.554
SDev	.00204	.071	.0021	.00124	.00006	.063	.008
%RSD	13.720	.12974	.10724	110.99	.04486	.25307	.06784
#1	-.01632	54.791	2.0039	.00200	.13423	24.986	11.560
#2	-.01344	54.690	2.0009	.00024	.13431	25.075	11.549

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00244	19.569	21.676	1.5350	-.01141	.02964	.35866
SDev	.00029	.078	.027	.0004	.00215	.00215	.00033
%RSD	11.746	.40074	.12329	.02639	18.840	7.2483	.09099
#1	-.00224	19.625	21.657	1.5352	-.01293	.03116	.35889
#2	-.00264	19.514	21.695	1.5347	-.00989	.02812	.35843

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49314	.48432	.12478	.17498	-.00729	-.01867

SDev	.00021	.00055	.00176	.00009	.00247	.00183
%RSD	.04333	.11285	1.4078	.05242	33.825	9.7942
#1	.49330	.48471	.12602	.17492	-.00904	-.01997
#2	.49299	.48394	.12354	.17505	-.00555	-.01738

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28010	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.1085507	--	--	--	--	--	--
#1	27989	--	--	--	--	--	--
#2	28032	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-5-c ms Operator: SRP
Run Time: 01/21/12 09:53:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.40	.38443	1.0236	1.3696	.47080	.77533	.44880
SDev	.19	.00015	.0014	.0019	.00017	.00001	.00016
%RSD	.11011	.03860	.13599	.13818	.03636	.00177	.03502
#1	168.53	.38433	1.0226	1.3710	.47068	.77532	.44869
#2	168.27	.38454	1.0246	1.3683	.47092	.77534	.44891

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1004.0	1.0743	.96175	1.0880	184.74	.80121	1.0447
SDev	1.0	.0011	.00093	.0022	.01	.00186	.0009
%RSD	.09480	.10612	.09718	.20476	.00621	.23151	.08741
#1	1003.4	1.0735	.96241	1.0896	184.73	.80252	1.0441
#2	1004.7	1.0751	.96109	1.0865	184.75	.79990	1.0454

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90521	60.315	2.4959	.85595	1.0385	30.996	11.183
SDev	.00270	.015	.0003	.00606	.0005	.054	.005
%RSD	.29786	.02539	.01006	.70844	.04943	.17278	.04367
#1	.90712	60.326	2.4957	.85166	1.0389	31.034	11.186
#2	.90330	60.305	2.4961	.86024	1.0381	30.958	11.179

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50641	30.549	32.285	1.5453	.92368	.86899	.95441
SDev	.00044	.217	.067	.0016	.00144	.00165	.00002
%RSD	.08626	.70909	.20820	.10087	.15539	.18983	.00195
#1	.50672	30.702	32.333	1.5464	.92469	.86782	.95442
#2	.50610	30.395	32.238	1.5442	.92267	.87016	.95440

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5571	1.4416	.99252	1.0708	.88473	.91545
SDev	.0006	.0002	.00212	.0024	.01195	.00193
%RSD	.04031	.01487	.21353	.22686	1.3510	.21102
#1	1.5576	1.4414	.99402	1.0691	.89318	.91409
#2	1.5567	1.4417	.99102	1.0726	.87628	.91682

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27788	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.1094218	--	--	--	--	--	--
#1	27766	--	--	--	--	--	--
#2	27809	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-5-d msd Operator: SRP
Run Time: 01/21/12 09:57:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.03	.34082	1.0242	1.8364	.47097	.66279	.44688
SDev	.22	.00042	.0009	.0011	.00008	.00011	.00016
%RSD	.08897	.12265	.08483	.06098	.01792	.01578	.03516
#1	245.18	.34112	1.0236	1.8372	.47091	.66286	.44677
#2	244.87	.34053	1.0248	1.8356	.47103	.66271	.44699

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	919.17	1.1095	1.1334	1.1249	263.11	.92780	1.1075
SDev	.13	.0001	.0006	.0010	.00	.00064	.0003
%RSD	.01394	.00514	.04956	.09278	.00020	.06905	.02770
#1	919.26	1.1096	1.1330	1.1256	263.10	.92825	1.1077
#2	919.08	1.1095	1.1338	1.1242	263.11	.92735	1.1073

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86835	89.032	8.0854	.80615	1.1666	38.805	11.511
SDev	.00052	.023	.0007	.00005	.0004	.023	.003
%RSD	.06001	.02632	.00914	.00648	.03315	.06050	.02885
#1	.86798	89.049	8.0849	.80611	1.1669	38.821	11.513

#2	.86872	89.016	8.0860	.80618	1.1664	38.788	11.508

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50281	40.942	42.141	2.0981	.89924	.82010	.88884
SDev	.00009	.089	.019	.0004	.00521	.00109	.00027

Analysis Report 01/21/12 10:01:11 AM page 34

%RSD	.01733	.21841	.04401	.01741	.57913	.13309	.02994
#1	.50275	41.006	42.154	2.0983	.90293	.82087	.88902
#2	.50287	40.879	42.127	2.0978	.89556	.81932	.88865

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6606	1.7777	1.0386	1.1420	.85016	.87744
SDev	.0000	.0009	.0017	.0004	.00599	.00378
%RSD	.00251	.04856	.15937	.03217	.70476	.43050
#1	1.6607	1.7771	1.0397	1.1418	.85440	.87477
#2	1.6606	1.7784	1.0374	1.1423	.84593	.88011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28330	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1422675	--	--	--	--	--	--
#1	28302	--	--	--	--	--	--
#2	28359	--	--	--	--	--	--

Analysis Report 01/21/12 10:06:21 AM page 1

Method: 20076010 Sample Name: 600-48991-b-6-a Operator: SRP
Run Time: 01/21/12 10:02:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	171.29	.00464	.23916	9.4590	.01511	.07518	.02694
SDev	.18	.00097	.00008	.0051	.00003	.00018	.00013
%RSD	.10419	20.881	.03322	.05434	.16871	.23860	.49252
#1	171.41	.00533	.23921	9.4626	.01509	.07506	.02704
#2	171.16	.00396	.23910	9.4554	.01512	.07531	.02685

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1244.3	.18883	.25873	.18535	724.82	.17180	.20284
SDev	1.2	.00037	.00032	.00047	.33	.00036	.00144
%RSD	.09618	.19533	.12301	.25404	.04538	.20675	.70914
#1	1243.4	.18857	.25896	.18569	724.58	.17205	.20183
#2	1245.1	.18909	.25851	.18502	725.05	.17155	.20386

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.05393	34.695	38.758	.01843	.41461	27.768	10.863
SDev	.00171	.010	.019	.00037	.00016	.091	.004
%RSD	3.1768	.02914	.04825	2.0269	.03791	.32839	.03985
#1	-.05272	34.688	38.745	.01870	.41472	27.832	10.860
#2	-.05515	34.702	38.771	.01817	.41450	27.703	10.866

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00362	.75203	.94481	.49249	-.05263	.03271	.29995
SDev	.00007	.14064	.00159	.00027	.00243	.00319	.00010
%RSD	1.9672	18.701	.16876	.05501	4.6199	9.7510	.03480
#1	-.00357	.85147	.94593	.49268	-.05091	.03496	.29988
#2	-.00367	.65258	.94368	.49230	-.05435	.03045	.30002

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9019	.51002	.15968	.22443	-.04414	-.05883
SDev	.0016	.00013	.00358	.00037	.00299	.00108
%RSD	.08325	.02616	2.2398	.16460	6.7647	1.8310
#1	1.9008	.50992	.15715	.22416	-.04203	-.05807
#2	1.9030	.51011	.16221	.22469	-.04625	-.05959

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32546	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.0977672	--	--	--	--	--	--

#1	32524	--	--	--	--	--	--
#2	32569	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48986-b-16-a Operator: SRP
Run Time: 01/21/12 10:06:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	278.01	.83631	.96010	2.7853	.39393	1.3645	.38030
SDev	.08	.00404	.00441	.0022	.00008	.0010	.00030
%RSD	.02967	.48271	.45974	.07832	.02086	.07603	.07760
#1	278.07	.83346	.95698	2.7869	.39387	1.3638	.38009
#2	277.95	.83917	.96322	2.7838	.39399	1.3652	.38051

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1181.8	.99587	.83794	1.2478	193.26	1.2012	.93993
SDev	.3	.00024	.00004	.0011	.14	.0016	.00111
%RSD	.02867	.02452	.00489	.08636	.07288	.13581	.11790
#1	1181.5	.99604	.83797	1.2486	193.16	1.2023	.93915
#2	1182.0	.99570	.83791	1.2471	193.36	1.2000	.94072

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78560	46.113	9.2564	.80012	.97216	44.766	12.402
SDev	.00209	.014	.0042	.00122	.00027	.073	.004
%RSD	.26562	.03067	.04569	.15265	.02797	.16246	.03523
#1	.78412	46.103	9.2534	.79926	.97235	44.818	12.399
#2	.78707	46.123	9.2594	.80099	.97197	44.715	12.405

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43373	15.275	17.419	3.4695	.77551	.83033	1.0835
SDev	.00064	.000	.032	.0025	.00177	.00628	.0000
%RSD	.14713	.00144	.18447	.07152	.22821	.75595	.00254
#1	.43418	15.275	17.441	3.4712	.77676	.83477	1.0835
#2	.43328	15.275	17.396	3.4677	.77426	.82589	1.0836

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3390	1.5941	.86946	.97517	.77600	.79039
SDev	.0001	.0011	.00251	.00292	.00005	.00311
%RSD	.00697	.07170	.28875	.29918	.00639	.39288
#1	1.3391	1.5933	.87124	.97311	.77597	.78820
#2	1.3389	1.5949	.86769	.97723	.77604	.79259

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/21/12 10:10:12 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32831	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0559982	--	--	--	--	--	--
#1	32818	--	--	--	--	--	--
#2	32844	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48986-b-16a@5 Operator: SRP
Run Time: 01/21/12 10:10:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.056	.00347	.02621	.42147	.00267	.11469	.00160
SDev	.125	.00127	.00188	.00062	.00006	.00274	.00005
%RSD	.21887	36.645	7.1745	.14616	2.3774	2.3877	3.0537
#1	57.145	.00437	.02754	.42191	.00272	.11663	.00163
#2	56.968	.00257	.02488	.42104	.00263	.11276	.00156

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	353.37	.05492	.02418	.08200	41.215	.02700	.04279
SDev	1.87	.00071	.00011	.00043	.194	.00003	.00052
%RSD	.52780	1.2917	.44364	.52453	.47126	.12144	1.2126

#1	354.69	.05542	.02425	.08230	41.352	.02702	.04316
#2	352.05	.05441	.02410	.08169	41.077	.02698	.04243

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	8.7711	1.9501	.00277	.05487	5.4767	2.4477
SDev	.00096	.0420	.0077	.00155	.00091	.0006	.0158
%RSD	4227.4	.47896	.39558	55.945	1.6568	.01187	.64563
#1	.00065	8.8008	1.9556	.00386	.05552	5.4772	2.4589
#2	-.00070	8.7414	1.9447	.00167	.05423	5.4763	2.4365

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	.85490	.90825	.61337	.00065	.00963	.06323
SDev	.00000	.02520	.00054	.00072	.00095	.00204	.00050
%RSD	.64432	2.9481	.05930	.11769	145.84	21.195	.79277
#1	-.00048	.87272	.90863	.61388	.00132	.00819	.06359
#2	-.00048	.83708	.90786	.61286	-.00002	.01108	.06288

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12066	.17835	.03143	.04848	-.00001	-.00003
SDev	.00081	.00119	.00017	.00087	.00149	.00069
%RSD	.66691	.66604	.55562	1.7857	11347.	2520.8
#1	.12123	.17919	.03130	.04909	.00104	.00046

#2	.12009	.17751	.03155	.04786	-.00106	-.00051

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29780	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.3205434	--	--	--	--	--	--
#1	29848	--	--	--	--	--	--
#2	29713	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 10:14:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4480	.49462	.49638	.49175	.49494	.49262	.49727
SDev	.0013	.00204	.00316	.00116	.00070	.00196	.00059
%RSD	.05284	.41172	.63715	.23584	.14157	.39721	.11930
#1	2.4471	.49606	.49415	.49093	.49444	.49124	.49685
#2	2.4490	.49318	.49862	.49257	.49543	.49401	.49769

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.505	.48796	.48721	.49150	2.5080	.45991	.49059

SDev	.014	.00014	.00065	.00149	.0025	.00084	.00062
%RSD	.11112	.02782	.13409	.30381	.09903	.18177	.12612
#1	12.495	.48787	.48675	.49044	2.5062	.45932	.49015
#2	12.515	.48806	.48767	.49256	2.5097	.46050	.49103

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49230	4.8930	.48357	.50306	.49947	11.964	.93540
SDev	.00523	.0078	.00097	.00110	.00109	.031	.00189
%RSD	1.0620	.15954	.20144	.21769	.21753	.25658	.20171
#1	.48860	4.8985	.48288	.50229	.49870	11.942	.93674
#2	.49600	4.8875	.48426	.50383	.50024	11.986	.93407

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24477	12.314	11.793	.24492	.50499	.49599	.50261
SDev	.00029	.053	.006	.00067	.00227	.00071	.00109
%RSD	.11841	.42645	.04864	.27273	.44974	.14342	.21756
#1	.24456	12.351	11.789	.24445	.50339	.49649	.50184
#2	.24497	12.276	11.798	.24539	.50660	.49548	.50339

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49490	.50129	.47713	.49732	.47598	.50052

SDev	.00118	.00048	.00178	.00182	.00429	.00570
%RSD	.23899	.09549	.37413	.36609	.90043	1.1387
#1	.49407	.50095	.47839	.49604	.47295	.49649
#2	.49574	.50163	.47587	.49861	.47901	.50455

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29520	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0838386	--	--	--	--	--	--
#1	29502	--	--	--	--	--	--
#2	29537	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 10:17:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02535	.00244	-.00004	.00039	.00008	.00411	.00044
SDev	.00280	.00075	.00157	.00018	.00010	.00003	.00028
%RSD	11.038	30.709	4231.9	47.266	124.93	.75042	64.239
#1	.02337	.00191	.00107	.00026	.00001	.00413	.00024
#2	.02732	.00297	-.00115	.00052	.00015	.00409	.00064

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03785	.00044	.00064	-.00021	.01421	.00001	.00038
SDev	.01853	.00009	.00040	.00025	.01281	.00008	.00003
%RSD	48.943	19.283	61.607	122.68	90.163	668.88	8.9497
#1	.02475	.00038	.00036	-.00038	.00515	-.00004	.00040
#2	.05095	.00050	.00092	-.00003	.02327	.00007	.00035

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	.01354	.00062	.00202	.00009	-.01308	-.00264
SDev	.00048	.00048	.00046	.00010	.00018	.00433	.00094
%RSD	40.285	3.5238	74.583	5.1778	209.85	33.088	35.726
#1	-.00086	.01320	.00029	.00209	-.00004	-.01002	-.00197
#2	-.00154	.01388	.00094	.00194	.00022	-.01614	-.00331

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.04367	-.00407	.00021	.00184	-.00130	.00038
SDev	.00040	.08354	.00178	.00007	.00067	.00005	.00019
%RSD	91.721	191.31	43.783	32.781	36.285	4.1964	50.241
#1	.00016	-.01541	-.00533	.00016	.00137	-.00134	.00024
#2	.00073	.10274	-.00281	.00026	.00231	-.00126	.00051

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	-.00394	.00206	-.00046	.00339	-.00349
SDev	.00039	.00003	.00089	.00050	.00170	.00012
%RSD	110.28	.66631	43.511	107.20	50.029	3.5501
#1	.00008	-.00396	.00142	-.00011	.00459	-.00358
#2	.00062	-.00392	.00269	-.00082	.00219	-.00340

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30064	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.0964306	--	--	--	--	--	--
#1	30044	--	--	--	--	--	--
#2	30085	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70207/1-a Operator: SRP
Run Time: 01/21/12 10:21:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01320	.00126	.00003	.00122	-.00019	.00416	.00008
SDev	.00304	.00075	.00107	.00005	.00004	.00021	.00021
%RSD	23.009	59.507	3395.2	4.2623	23.185	4.9783	254.00
#1	.01105	.00179	.00079	.00118	-.00022	.00431	-.00007
#2	.01535	.00073	-.00072	.00125	-.00015	.00401	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01120	-.00026	.00030	-.00014	.00698	-.00025	.00071
SDev	.00728	.00013	.00036	.00007	.01052	.00009	.00006
%RSD	65.017	50.859	119.65	52.903	150.57	36.884	8.4236
#1	.00605	-.00016	.00005	-.00019	-.00045	-.00032	.00075
#2	.01635	-.00035	.00056	-.00008	.01442	-.00019	.00067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	-.00671	.00033	.00070	-.00044	-.05730	-.00083
SDev	.00128	.00342	.00015	.00055	.00049	.01237	.00056
%RSD	226.49	50.913	44.907	78.092	110.14	21.586	68.011
#1	.00148	-.00913	.00023	.00108	-.00078	-.06604	-.00043
#2	-.00034	-.00430	.00044	.00031	-.00010	-.04855	-.00123

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	-.04687	-.00132	.00113	.00163	.00023	.00007
SDev	.00049	.13455	.00212	.00002	.00024	.00108	.00006

%RSD	437.32	287.07	161.45	1.8062	14.465	476.11	77.931
#1	-.00023	-.14201	-.00282	.00112	.00146	.00099	.00003
#2	.00046	.04827	.00019	.00115	.00180	-.00054	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00178	.00317	-.00052	.00633	-.00231
SDev	.00001	.00001	.00045	.00013	.00022	.00182
%RSD	3.3460	.54303	14.123	25.877	3.5484	78.535
#1	-.00015	-.00178	.00349	-.00061	.00649	-.00103
#2	-.00016	-.00177	.00286	-.00042	.00617	-.00360

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29650	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.3696573	--	--	--	--	--	--
#1	29727	--	--	--	--	--	--
#2	29572	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70207/2-a Operator: SRP
Run Time: 01/21/12 10:30:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.257	1.0207	1.0385	1.0713	.51011	1.0291	.51727

SDev	.047	.0046	.0077	.0049	.00323	.0052	.00314
%RSD	.45934	.45500	.74618	.45802	.63327	.50086	.60749
#1	10.291	1.0240	1.0440	1.0748	.51239	1.0328	.51949
#2	10.224	1.0174	1.0330	1.0679	.50782	1.0255	.51504
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.596	1.0124	1.0098	1.0206	11.472	.47521	1.0222
SDev	.066	.0064	.0064	.0050	.077	.00203	.0057
%RSD	.62473	.63234	.63674	.49073	.67285	.42677	.56038
#1	10.643	1.0169	1.0143	1.0242	11.527	.47664	1.0263
#2	10.549	1.0079	1.0052	1.0171	11.418	.47377	1.0182
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0271	10.156	1.0160	1.0395	1.0684	10.124	1.2616
SDev	.0025	.073	.0064	.0036	.0112	.046	.0122
%RSD	.24708	.71568	.62945	.34632	1.0496	.45143	.96365
#1	1.0289	10.207	1.0205	1.0421	1.0763	10.156	1.2702
#2	1.0253	10.104	1.0115	1.0370	1.0604	10.092	1.2530
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51453	9.9378	9.9582	.52081	1.0500	1.0232	1.0383
SDev	.00262	.0706	.0446	.00253	.0075	.0053	.0068
%RSD	.50909	.71067	.44819	.48594	.71877	.51931	.65170
#1	.51638	9.9877	9.9897	.52260	1.0553	1.0270	1.0431
#2	.51268	9.8878	9.9266	.51902	1.0446	1.0195	1.0335
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.0244	1.1185	.99132	1.0377	.99064	1.0454	
SDev	.0063	.0074	.00404	.0066	.00628	.0007	
%RSD	.61189	.65895	.40742	.63345	.63380	.06383	
#1	1.0288	1.1237	.99418	1.0423	.99508	1.0458	
#2	1.0200	1.1133	.98847	1.0330	.98620	1.0449	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29852	--	--	--	--	--	--
SDev	144.2498	--	--	--	--	--	--
%RSD	.4832165	--	--	--	--	--	--

#1	29750	--	--	--	--	--	--
#2	29954	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48664-c-3-a Operator: SRP
Run Time: 01/21/12 10:33:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15891	.00320	.00465	.10959	-.00022	.13978	.00019
SDev	.00052	.00213	.00165	.00003	.00004	.00114	.00009
%RSD	.32610	66.753	35.481	.02702	20.001	.81328	49.531
#1	.15928	.00471	.00348	.10961	-.00025	.14059	.00026
#2	.15854	.00169	.00581	.10957	-.00019	.13898	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	223.69	.00310	.00026	.02725	.26799	.03258	-.00003
SDev	1.09	.00017	.00004	.00032	.00669	.00012	.00004
%RSD	.48915	5.3565	15.431	1.1670	2.4977	.38161	110.80
#1	224.46	.00322	.00023	.02747	.27272	.03250	-.00001
#2	222.92	.00299	.00029	.02702	.26325	.03267	-.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	4.7856	.02009	.09851	.02031	28.483	24.128
SDev	.00161	.0209	.00005	.00217	.00041	.001	.050
%RSD	50.823	.43654	.25820	2.2039	2.0299	.00492	.20623
#1	.00430	4.8004	.02005	.10005	.02002	28.482	24.163
#2	.00202	4.7708	.02012	.09698	.02061	28.484	24.092

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	1272.0	489.83	.30820	.00633	.00045	.00212
SDev	.00018	2.4	2.59	.00017	.00248	.00004	.00036
%RSD	65.146	.18812	.52820	.05575	39.249	9.0237	17.140
#1	.00040	1273.7	491.66	.30832	.00809	.00047	.00238
#2	.00015	1270.3	488.00	.30808	.00457	.00042	.00186

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06116	.03190	.00067	-.00038	.00651	.00148
SDev	.00054	.00025	.00261	.00136	.00063	.00272
%RSD	.88875	.79207	392.25	354.21	9.6892	183.54
#1	.06154	.03172	-.00118	.00058	.00606	.00341
#2	.06077	.03208	.00251	-.00135	.00696	-.00044

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/21/12 10:37:39 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27149	--	--	--	--	--	--
SDev	2.828427	--	--	--	--	--	--
%RSD	.0104182	--	--	--	--	--	--
#1	27147	--	--	--	--	--	--
#2	27151	--	--	--	--	--	--

Analysis Report 01/21/12 10:42:03 AM page 1

Method: 20076010 Sample Name: 600-48664-c-3-b du Operator: SRP
Run Time: 01/21/12 10:38:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15885	.00354	.00322	.11210	-.00025	.14048	-.00001
SDev	.00055	.00131	.00048	.00040	.00001	.00123	.00008
%RSD	.34343	36.975	14.815	.35280	5.2665	.87447	1065.5
#1	.15924	.00262	.00289	.11238	-.00024	.14135	-.00006
#2	.15847	.00447	.00356	.11182	-.00026	.13961	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	226.31	.00300	.00027	.02880	.22235	.03318	-.00007
SDev	1.51	.00002	.00004	.00024	.01419	.00012	.00053
%RSD	.66514	.49352	15.437	.84460	6.3813	.36283	725.32
#1	227.37	.00299	.00024	.02898	.21232	.03326	-.00045
#2	225.24	.00301	.00030	.02863	.23239	.03309	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	4.8386	.02000	.09774	.02027	28.909	24.450
SDev	.00018	.0370	.00013	.00094	.00001	.168	.112
%RSD	10.625	.76473	.66776	.96128	.03761	.58037	.45630
#1	.00158	4.8647	.02009	.09841	.02027	29.028	24.529
#2	.00183	4.8124	.01990	.09708	.02028	28.791	24.371

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	1289.4	489.82	.31333	.00230	.00223	.00153
SDev	.00033	5.1	2.50	.00141	.00045	.00080	.00006
%RSD	275.07	.39842	.51060	.45101	19.763	35.967	3.7083
#1	-.00035	1293.1	491.59	.31433	.00197	.00166	.00149
#2	.00011	1285.8	488.05	.31233	.00262	.00280	.00157

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06183	.03267	.00149	-.00085	.00685	-.00087
SDev	.00034	.00007	.00317	.00079	.00043	.00049
%RSD	.55862	.21629	213.61	92.648	6.3293	56.216
#1	.06207	.03272	-.00076	-.00029	.00716	-.00121
#2	.06158	.03262	.00373	-.00141	.00655	-.00052

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27498	--	--	--	--	--	--
SDev	74.95332	--	--	--	--	--	--
%RSD	.2725773	--	--	--	--	--	--

#1	27445	--	--	--	--	--	--
#2	27551	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48664-c-3-c ms Operator: SRP
Run Time: 01/21/12 10:42:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.952	1.0848	1.1069	1.1269	.49669	1.2275	.49286
SDev	.018	.0039	.0001	.0020	.00142	.0003	.00212
%RSD	.16333	.36247	.00555	.17996	.28534	.02837	.42935
#1	10.939	1.0820	1.1069	1.1255	.49769	1.2272	.49435
#2	10.964	1.0876	1.1069	1.1283	.49568	1.2277	.49136

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	232.95	.96493	.97541	1.0953	10.053	.68418	.98130
SDev	.89	.00226	.00223	.0012	.042	.00136	.00520
%RSD	.38290	.23426	.22879	.11044	.41448	.19865	.53000
#1	233.58	.96653	.97699	1.0944	10.083	.68322	.98498
#2	232.32	.96333	.97384	1.0961	10.024	.68514	.97762

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0908	14.252	.98288	1.1425	1.0220	45.583	25.836
SDev	.0000	.035	.00230	.0045	.0077	.072	.007
%RSD	.00359	.24703	.23351	.39464	.75142	.15852	.02695
#1	1.0908	14.277	.98450	1.1394	1.0275	45.531	25.841
#2	1.0908	14.227	.98126	1.1457	1.0166	45.634	25.831

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53484	1305.2	491.49	.83089	1.0608	1.0581	1.0193
SDev	.00013	1.9	.94	.00101	.0064	.0028	.0008
%RSD	.02445	.14481	.19209	.12168	.60664	.26672	.08231
#1	.53493	1303.9	492.16	.83018	1.0563	1.0601	1.0199
#2	.53475	1306.6	490.83	.83161	1.0654	1.0561	1.0187

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0687	1.1113	.94768	.99811	1.0523	1.1100
SDev	.0015	.0030	.00220	.00890	.0024	.0012
%RSD	.13707	.26831	.23270	.89209	.23111	.10426
#1	1.0697	1.1134	.94612	1.0044	1.0506	1.1108
#2	1.0676	1.1092	.94924	.99181	1.0540	1.1092

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/21/12 10:45:54 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	27263	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1815555	--	--	--	--	--	--
#1	27298	--	--	--	--	--	--
#2	27228	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48664-c-3-d msd Operator: SRP
Run Time: 01/21/12 10:45:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.929	1.0870	1.1032	1.1232	.49741	1.2316	.49470
SDev	.003	.0020	.0004	.0001	.00112	.0019	.00112
%RSD	.02825	.18248	.03463	.00450	.22584	.15045	.22607
#1	10.931	1.0884	1.1030	1.1232	.49821	1.2303	.49549
#2	10.927	1.0856	1.1035	1.1231	.49662	1.2329	.49391

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	233.02	.96344	.97451	1.0919	10.054	.68195	.98450
SDev	.53	.00125	.00169	.0006	.016	.00000	.00038
%RSD	.22900	.12926	.17371	.05596	.16342	.00030	.03847
#1	233.40	.96432	.97571	1.0914	10.066	.68195	.98423
#2	232.64	.96256	.97331	1.0923	10.042	.68195	.98477

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0918	14.249	.98202	1.1429	1.0134	45.350	25.872
SDev	.0024	.023	.00134	.0008	.0039	.048	.039
%RSD	.22181	.15874	.13638	.06967	.38256	.10677	.15052
#1	1.0935	14.265	.98297	1.1434	1.0162	45.384	25.899
#2	1.0900	14.233	.98107	1.1423	1.0107	45.316	25.844

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53400	1300.8	490.56	.82669	1.0739	1.0568	1.0167
SDev	.00105	.3	.60	.00011	.0033	.0014	.0010
%RSD	.19624	.02029	.12160	.01319	.30533	.13239	.09813
#1	.53474	1301.0	490.98	.82676	1.0716	1.0578	1.0174
#2	.53326	1300.7	490.14	.82661	1.0762	1.0558	1.0160

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0665	1.1123	.94834	1.0026	1.0561	1.1096
SDev	.0013	.0015	.00019	.0007	.0028	.0050
%RSD	.12454	.13520	.02029	.06625	.26361	.45282
#1	1.0674	1.1134	.94847	1.0021	1.0541	1.1131

#2	1.0656	1.1113	.94820	1.0031	1.0581	1.1060

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27479	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0360257	--	--	--	--	--	--
#1	27486	--	--	--	--	--	--
#2	27472	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48877-e-1-a Operator: SRP
Run Time: 01/21/12 10:49:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4410	.00270	.00733	215.48	-.00058	93.262	.01713
SDev	.0480	.00056	.00160	3.29	.00006	.845	.00060
%RSD	3.3327	20.696	21.835	1.5262	10.058	.90635	3.5030
#1	1.4070	.00230	.00620	217.80	-.00054	92.665	.01671
#2	1.4749	.00309	.00846	213.15	-.00062	93.860	.01756

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2388.9	.00762	.03164	.01449	63.106	S54.133	.01734
SDev	42.3	.00141	.00132	.00006	.861	.713	.00047
%RSD	1.7728	18.507	4.1707	.43941	1.3640	1.3176	2.7337
#1	2418.8	.00861	.03257	.01453	63.715	S53.628	.01768
#2	2358.9	.00662	.03070	.01444	62.497	S54.637	.01701

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03102	262.14	10.018	.00637	.00439	1287.6	49.920
SDev	.00383	1.97	.082	.00193	.00226	22.9	.587
%RSD	12.350	.75002	.81499	30.236	51.556	1.7787	1.1766
#1	-.03373	263.53	10.075	.00774	.00279	1271.4	49.505
#2	-.02831	260.75	9.9599	.00501	.00599	1303.8	50.335

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	36638.	2050.5	S1.7858	.07972	.00299	-.13029
SDev	.00119	373.	14.3	.0699	.00625	.00360	.00074
%RSD	58.880	1.0185	.69681	3.9145	7.8411	120.45	.57071
#1	-.00118	36374.	2040.4	S1.7364	.08414	.00553	-.13081
#2	-.00287	36902.	2060.6	S1.8353	.07530	.00044	-.12976

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00350	4.8679	-.00397	.02800	.00108	-.04707

SDev	.00036	.0050	.02169	.01013	.00979	.01064
%RSD	10.373	.10219	545.80	36.187	904.89	22.603
#1	.00376	4.8643	.01136	.02084	.00800	-.05459
#2	.00324	4.8714	-.01931	.03517	-.00584	-.03955

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11915	--	--	--	--	--	--
SDev	156.9777	--	--	--	--	--	--
%RSD	1.317480	--	--	--	--	--	--
#1	12026	--	--	--	--	--	--
#2	11804	--	--	--	--	--	--

Analysis Report Blank Sample 01/21/12 11:00:34 AM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 10:56:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5249	.50565	.51082	1.2881	.50207	.62386	.51435
SDev	.0088	.00067	.00054	.3815	.00081	.04649	.00165
%RSD	.34658	.13230	.10518	29.616	.16214	7.4526	.32051
#1	2.5310	.50612	.51044	1.5579	.50150	.65674	.51318
#2	2.5187	.50517	.51120	1.0184	.50265	.59098	.51551

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.761	.49658	.49373	.49868	2.6420	.51243	.50375
SDev	1.888	.00132	.00107	.00058	.0158	.02595	.00115
%RSD	11.266	.26559	.21625	.11544	.59948	5.0633	.22834
#1	18.096	.49565	.49298	.49827	2.6532	.53078	.50456
#2	15.426	.49752	.49449	.49909	2.6308	.49408	.50294

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50626	5.1581	.50089	.51633	.51917	13.163	1.0011
SDev	.00182	.0628	.00210	.00101	.00049	.697	.0233
%RSD	.35961	1.2178	.41998	.19565	.09402	5.2958	2.3307
#1	.50497	5.2025	.50238	.51561	.51882	13.656	1.0176
#2	.50755	5.1137	.49940	.51704	.51951	12.670	.98461

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25009	29.923	22.609	1.3242	.52559	.50972	.51247
SDev	.00036	12.075	7.065	.5138	.01342	.00028	.00142
%RSD	.14376	40.354	31.248	38.804	2.5533	.05465	.27704
#1	.24984	38.462	27.604	1.6875	.51610	.50952	.51146
#2	.25035	21.385	17.613	.96085	.53508	.50991	.51347

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50318	.51912	.48788	.51169	.48394	.51748
SDev	.00132	.00032	.00048	.00197	.00653	.00599
%RSD	.26179	.06196	.09847	.38414	1.3487	1.1584
#1	.50225	.51935	.48754	.51308	.48855	.51324
#2	.50411	.51889	.48822	.51030	.47932	.52172

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29232	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0217702	--	--	--	--	--	--

#1	29237	--	--	--	--	--	--
#2	29228	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 11:00:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03649	.00187	.00085	.34529	.00005	.05871	.00046
SDev	.00060	.00163	.00016	.06573	.00006	.00830	.00017
%RSD	1.6306	87.319	19.122	19.035	110.87	14.129	36.849
#1	.03691	.00302	.00074	.39177	.00009	.06458	.00058
#2	.03607	.00071	.00097	.29882	.00001	.05285	.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7634	.00053	.00082	-.00033	.02946	.01602	.00034
SDev	.3329	.00002	.00022	.00035	.00623	.00419	.00085
%RSD	18.881	4.4314	26.773	107.97	21.165	26.150	252.59
#1	1.9988	.00054	.00097	-.00008	.03386	.01898	-.00026
#2	1.5280	.00051	.00066	-.00058	.02505	.01306	.00094

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00268	.08940	.00409	.00203	.00029	.25825	.00558
SDev	.00045	.01380	.00060	.00050	.00025	.12832	.00311
%RSD	16.687	15.437	14.677	24.649	87.970	49.686	55.763
#1	.00237	.09916	.00451	.00238	.00047	.34899	.00778
#2	.00300	.07964	.00366	.00168	.00011	.16752	.00338

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	7.3882	6.2771	.46247	.00426	-.00151	.00044
SDev	.00058	2.8784	2.0988	.08224	.00079	.00086	.00003
%RSD	111.16	38.959	33.436	17.783	18.550	57.174	6.7736
#1	.00093	9.4235	7.7611	.52062	.00482	-.00090	.00046
#2	.00011	5.3529	4.7930	.40432	.00370	-.00212	.00042

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	-.00301	.00063	.00019	.00696	.00055
SDev	.00001	.00024	.00129	.00063	.00033	.00084
%RSD	1.4721	7.8224	202.91	337.01	4.7054	152.95

#1	.00042	-.00284	-.00028	-.00026	.00719	-.00004
#2	.00041	-.00318	.00154	.00063	.00672	.00114

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/21/12 11:04:26 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29574	--	--	--	--	--	--
SDev	70.00357	--	--	--	--	--	--
%RSD	.2367105	--	--	--	--	--	--
#1	29524	--	--	--	--	--	--
#2	29623	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70035/1-a Operator: SRP
Run Time: 01/21/12 11:04:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02524	.00231	-.00053	.01544	-.00038	.03169	.00029
SDev	.00003	.00029	.00228	.00083	.00000	.00418	.00014
%RSD	.12965	12.724	433.98	5.3506	.56003	13.200	46.877
#1	.02521	.00210	.00109	.01602	-.00038	.03465	.00039
#2	.02526	.00252	-.00214	.01485	-.00038	.02874	.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02526	.00018	-.00013	-.00010	.01143	.00131	.00061
SDev	.00362	.00013	.00008	.00009	.00564	.00020	.00029
%RSD	14.317	74.471	59.538	89.982	49.364	15.524	47.133
#1	.02782	.00027	-.00018	-.00004	.00744	.00145	.00082
#2	.02271	.00008	-.00007	-.00017	.01542	.00116	.00041

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.01071	.00028	.00041	-.00062	.04761	.00205
SDev	.00043	.00063	.00003	.00040	.00019	.00496	.00037
%RSD	305.82	5.9114	8.9958	97.284	30.322	10.417	18.109
#1	-.00016	.01116	.00030	.00013	-.00076	.04410	.00178
#2	.00045	.01027	.00026	.00069	-.00049	.05112	.00231

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.20561	.52823	.00444	-.00444	.02902	.00007
SDev	.00003	.07969	.02618	.00109	.00079	.00010	.00008
%RSD	17.296	38.759	4.9563	24.604	17.802	.33449	127.50
#1	.00014	.14926	.54675	.00521	-.00388	.02896	.00001
#2	.00018	.26195	.50972	.00366	-.00500	.02909	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00007	.00114	.00379	-.00097	-.00251	.00147
SDev	.00000	.00014	.00007	.00040	.00116	.00007
%RSD	5.0605	12.006	1.9248	40.969	46.235	4.6943
#1	.00006	.00104	.00384	-.00069	-.00333	.00142

Analysis Report 01/21/12 11:08:17 AM page 4

#2	.00007	.00123	.00374	-.00125	-.00169	.00152

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29236	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.1717247	--	--	--	--	--	--
#1	29200	--	--	--	--	--	--
#2	29271	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70035/2-a Operator: SRP
Run Time: 01/21/12 11:08:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.114	.70354	1.2234	2.3321	1.3049	.77203	.60980
SDev	.030	.00167	.0035	.0030	.0019	.00228	.00114
%RSD	.04150	.23782	.28750	.12698	.14256	.29547	.18715
#1	73.135	.70236	1.2259	2.3300	1.3062	.77365	.61061
#2	73.092	.70472	1.2209	2.3342	1.3036	.77042	.60900

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.732	.86984	1.1920	.93955	150.81	.07612	1.2138
SDev	.216	.00189	.0026	.00101	.39	.00004	.0004
%RSD	.26695	.21704	.22165	.10723	.25811	.04917	.03309
#1	80.884	.87118	1.1939	.93884	151.09	.07615	1.2136
#2	80.579	.86851	1.1901	.94026	150.54	.07609	1.2141

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6796	35.286	4.8737	.81543	1.1562	41.855	17.273
SDev	.0020	.070	.0085	.00338	.0100	.013	.007
%RSD	.12187	.19778	.17417	.41408	.86536	.02995	.04127
#1	1.6781	35.336	4.8797	.81304	1.1633	41.863	17.278
#2	1.6810	35.237	4.8677	.81782	1.1491	41.846	17.268

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38904	2.8069	5.8985	2.1597	1.4933	1.3697	3.9446
SDev	.00125	.1728	.0145	.0021	.0056	.0044	.0001
%RSD	.31999	6.1579	.24523	.09616	.37781	.32381	.00244
#1	.38992	2.9292	5.8883	2.1582	1.4973	1.3728	3.9446
#2	.38816	2.6847	5.9087	2.1611	1.4893	1.3666	3.9447

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56012	1.9276	1.1481	1.2467	1.6015	1.7186

SDev	.00085	.0034	.0112	.0062	.0140	.0101
%RSD	.15149	.17782	.97606	.49774	.87519	.58644
#1	.56072	1.9300	1.1560	1.2423	1.6115	1.7115
#2	.55952	1.9251	1.1402	1.2511	1.5916	1.7257

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31010	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.1048917	--	--	--	--	--	--
#1	30987	--	--	--	--	--	--
#2	31033	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-12-a Operator: SRP
Run Time: 01/21/12 11:12:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.20	.00421	.07395	.85495	.00729	.05368	.00955
SDev	.15	.00238	.00560	.00032	.00009	.00113	.00005
%RSD	.12848	56.498	7.5791	.03776	1.1827	2.0999	.52100
#1	113.30	.00589	.07791	.85518	.00735	.05448	.00959
#2	113.09	.00253	.06998	.85472	.00723	.05288	.00952

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1663.6	.14115	.03758	.12598	110.69	.08051	.12023
SDev	5.0	.00143	.00021	.00058	.43	.00011	.00021
%RSD	.30278	1.0118	.56652	.45689	.39036	.13279	.17711
#1	1667.2	.14216	.03773	.12638	110.99	.08059	.12008
#2	1660.0	.14014	.03743	.12557	110.38	.08044	.12038

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01331	17.184	4.2444	.00349	.15929	16.598	20.459
SDev	.00176	.068	.0154	.00118	.00056	.029	.034
%RSD	13.196	.39671	.36362	33.692	.35073	.17421	.16545
#1	-.01455	17.232	4.2553	.00432	.15969	16.578	20.483
#2	-.01206	17.136	4.2334	.00266	.15890	16.618	20.435

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00271	3.9535	4.3562	7.3500	.00097	.02623	.22276
SDev	.00015	.0239	.0067	.0106	.00106	.00128	.00099
%RSD	5.5444	.60521	.15373	.14365	109.28	4.8642	.44492
#1	-.00282	3.9365	4.3515	7.3575	.00022	.02532	.22346

#2	-.00260	3.9704	4.3609	7.3425	.00172	.02713	.22206

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42632	.45089	.08665	.13702	-.00932	-.01530
SDev	.00164	.00206	.00867	.00402	.00566	.00020
%RSD	.38444	.45724	10.004	2.9303	60.782	1.2950
#1	.42747	.45234	.08052	.13985	-.01332	-.01516
#2	.42516	.44943	.09278	.13418	-.00531	-.01544

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29871	--	--	--	--	--	--
SDev	121.6224	--	--	--	--	--	--
%RSD	.4071587	--	--	--	--	--	--
#1	29957	--	--	--	--	--	--
#2	29785	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-14-a Operator: SRP
Run Time: 01/21/12 11:16:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	184.95	.00411	.20291	1.5183	.01273	.08172	.01148
SDev	.18	.00127	.00038	.0007	.00003	.00094	.00002
%RSD	.09577	30.881	.18750	.04588	.25245	1.1498	.16668
#1	184.83	.00321	.20318	1.5188	.01271	.08238	.01147
#2	185.08	.00500	.20264	1.5179	.01275	.08105	.01149

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	793.62	.21147	.08493	.19565	197.00	.11846	.71809
SDev	2.53	.00053	.00034	.00018	.50	.00006	.00159
%RSD	.31875	.25255	.39904	.09398	.25576	.04732	.22077
#1	791.83	.21110	.08469	.19578	196.65	.11850	.71697
#2	795.41	.21185	.08517	.19552	197.36	.11842	.71921

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00994	30.686	6.1108	.00264	.26079	25.798	15.705
SDev	.00467	.084	.0123	.00150	.00050	.002	.030
%RSD	46.965	.27281	.20061	56.816	.19198	.00686	.19315
#1	-.00664	30.627	6.1022	.00370	.26043	25.799	15.684
#2	-.01324	30.745	6.1195	.00158	.26114	25.797	15.727

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00252	4.3167	4.8518	3.2363	-.00740	.03009	.33147
SDev	.00027	.0105	.0097	.0005	.00558	.00019	.00007

%RSD	10.645	.24427	.20077	.01530	75.350	.63111	.02228
#1	-.00233	4.3092	4.8449	3.2360	-.00346	.02996	.33141
#2	-.00271	4.3241	4.8587	3.2367	-.01134	.03023	.33152

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68154	.58844	.65410	.75008	.00028	-.01505
SDev	.00083	.00093	.00167	.00154	.00859	.00271
%RSD	.12168	.15836	.25504	.20583	3014.4	17.999
#1	.68096	.58778	.65292	.74899	.00636	-.01314
#2	.68213	.58910	.65528	.75118	-.00579	-.01697

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35587	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.1748543	--	--	--	--	--	--
#1	35543	--	--	--	--	--	--
#2	35631	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-15-a Operator: SRP
Run Time: 01/21/12 11:19:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.127	.00621	.29278	.46043	.00944	.05876	.01661
SDev	.150	.00096	.00065	.00057	.00007	.00017	.00011
%RSD	.15574	15.478	.22256	.12489	.72382	.29099	.66265
#1	96.233	.00553	.29232	.46084	.00949	.05888	.01653
#2	96.021	.00689	.29325	.46003	.00939	.05864	.01669

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1701.7	.15188	.14096	.19047	250.16	.08536	.11865
SDev	7.2	.00046	.00064	.00082	.77	.00002	.00056
%RSD	.42585	.30264	.45538	.43228	.30713	.01790	.47053
#1	1706.8	.15220	.14142	.19105	250.71	.08537	.11905
#2	1696.5	.15155	.14051	.18988	249.62	.08535	.11826

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02646	22.161	7.7204	.02734	.45818	16.257	20.970
SDev	.00152	.077	.0233	.00011	.00180	.010	.027
%RSD	5.7499	.34955	.30241	.41502	.39292	.05964	.12794
#1	-.02754	22.215	7.7369	.02742	.45945	16.264	20.989
#2	-.02538	22.106	7.7039	.02726	.45691	16.250	20.951

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00422	8.5652	9.6243	12.647	-.01012	.02751	.25552
SDev	.00033	.0599	.0063	.024	.00136	.00146	.00016
%RSD	7.8348	.69983	.06537	.19252	13.444	5.3016	.06385
#1	-.00399	8.6076	9.6198	12.664	-.00916	.02854	.25564
#2	-.00445	8.5228	9.6287	12.630	-.01108	.02648	.25540

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2070	.52094	.09148	.13224	-.01158	-.03390
SDev	.0032	.00092	.00619	.00226	.00554	.00049
%RSD	.26517	.17683	6.7634	1.7062	47.817	1.4345
#1	1.2093	.52160	.09586	.13064	-.01549	-.03356
#2	1.2048	.52029	.08711	.13383	-.00766	-.03424

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30858	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.2337316	--	--	--	--	--	--
#1	30807	--	--	--	--	--	--
#2	30909	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-1-a Operator: SRP
Run Time: 01/21/12 11:23:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.790	.00149	.09681	.44614	.00480	.09537	.00485
SDev	.083	.00058	.00169	.00024	.00003	.00044	.00020
%RSD	.11937	38.951	1.7513	.05308	.65679	.46077	4.0853
#1	69.731	.00108	.09800	.44631	.00482	.09568	.00471
#2	69.849	.00190	.09561	.44597	.00478	.09506	.00499

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	845.81	.10071	.03642	.14082	141.35	.07622	.10161
SDev	.31	.00015	.00059	.00027	.03	.00002	.00037
%RSD	.03674	.14878	1.6085	.19124	.01915	.03013	.36070
#1	846.03	.10060	.03601	.14101	141.37	.07623	.10187
#2	845.59	.10081	.03684	.14063	141.33	.07620	.10135

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00711	13.892	1.9190	.00688	.10503	23.085	18.584
SDev	.00312	.008	.0014	.00100	.00030	.031	.003
%RSD	43.848	.05417	.07536	14.561	.28588	.13393	.01668

#1	-.00931	13.897	1.9200	.00617	.10481	23.063	18.586
#2	-.00491	13.887	1.9180	.00758	.10524	23.106	18.582

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00440	4.8674	5.7950	5.8744	-.01059	.02978	.57299
SDev	.00045	.1448	.0033	.0047	.00050	.00168	.00002
%RSD	10.165	2.9739	.05710	.07951	4.7371	5.6406	.00386

#1	-.00471	4.7651	5.7926	5.8711	-.01024	.02859	.57301
#2	-.00408	4.9698	5.7973	5.8777	-.01094	.03096	.57298

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17983	.35120	.08643	.10920	-.00503	-.00815
SDev	.00034	.00042	.00163	.00026	.00622	.00157
%RSD	.19011	.12063	1.8820	.24135	123.70	19.204

#1	.18007	.35150	.08758	.10902	-.00943	-.00926
#2	.17959	.35090	.08528	.10939	-.00063	-.00704

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29682	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.1953465	--	--	--	--	--	--

#1	29641	--	--	--	--	--	--
#2	29723	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-2-a Operator: SRP
Run Time: 01/21/12 11:27:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.691	.00402	.22532	1.1087	.00709	.07252	.01442
SDev	.002	.00094	.00170	.0004	.00002	.00005	.00000
%RSD	.00247	23.444	.75618	.03486	.33674	.06372	.00637

#1	68.690	.00336	.22652	1.1084	.00707	.07255	.01443
#2	68.692	.00469	.22412	1.1089	.00710	.07248	.01442

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1584.2	.12772	.11384	.16181	179.13	.08188	.27441
SDev	2.9	.00004	.00008	.00023	.23	.00003	.00077
%RSD	.18579	.03097	.07154	.14492	.12675	.03341	.28028

#1	1582.1	.12774	.11378	.16164	178.97	.08186	.27386
#2	1586.2	.12769	.11390	.16197	179.29	.08190	.27495

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01644	20.906	10.697	.01563	.26337	22.576	19.437
SDev	.00096	.035	.014	.00064	.00051	.038	.018

%RSD	5.8540	.16956	.13449	4.0858	.19506	.16914	.09254
#1	-.01576	20.881	10.687	.01608	.26373	22.603	19.424
#2	-.01712	20.931	10.707	.01518	.26301	22.549	19.450

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00339	5.1024	5.9979	10.533	-.00954	.02789	.43126
SDev	.00048	.0308	.0002	.001	.00073	.00163	.00034
%RSD	14.042	.60336	.00293	.01260	7.6706	5.8638	.07920
#1	-.00306	5.1241	5.9980	10.534	-.01006	.02905	.43102
#2	-.00373	5.0806	5.9977	10.532	-.00903	.02673	.43150

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45043	.62658	.24703	.28809	-.00594	-.02169
SDev	.00005	.00038	.00021	.00126	.00147	.00218
%RSD	.01066	.06022	.08587	.43725	24.710	10.036
#1	.45040	.62631	.24718	.28720	-.00697	-.02016
#2	.45047	.62685	.24688	.28899	-.00490	-.02323

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31163	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.1951391	--	--	--	--	--	--
#1	31206	--	--	--	--	--	--
#2	31120	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-3-a Operator: SRP
Run Time: 01/21/12 11:31:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.942	.00801	.47048	2.9423	.00897	.06299	.02498
SDev	.060	.00002	.00150	.0016	.00003	.00149	.00023
%RSD	.08158	.23757	.31849	.05441	.33162	2.3611	.90562
#1	73.985	.00799	.47154	2.9435	.00899	.06404	.02482
#2	73.899	.00802	.46942	2.9412	.00895	.06193	.02514

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1571.9	.13461	.21340	.25579	397.82	.07961	.30596
SDev	7.6	.00079	.00035	.00041	1.42	.00001	.00016
%RSD	.48551	.58953	.16480	.15930	.35706	.00963	.05360

#1	1577.3	.13517	.21365	.25608	398.83	.07960	.30608
#2	1566.5	.13405	.21315	.25551	396.82	.07961	.30585

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04009	21.339	23.226	.03290	.50637	20.017	16.906
SDev	.00024	.080	.084	.00044	.00268	.061	.033
%RSD	.60061	.37655	.36248	1.3263	.52908	.30504	.19267
#1	-.04026	21.396	23.286	.03259	.50827	19.974	16.929
#2	-.03992	21.282	23.167	.03321	.50448	20.060	16.883

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00369	5.1357	6.0520	9.8334	-.01520	.02927	.41440
SDev	.00001	.0244	.0114	.0038	.00348	.00199	.00115
%RSD	.36273	.47486	.18770	.03818	22.919	6.7897	.27740
#1	-.00370	5.1530	6.0440	9.8360	-.01274	.02786	.41521
#2	-.00369	5.1185	6.0600	9.8307	-.01766	.03068	.41359

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2886	.77125	.27486	.32151	-.02583	-.04722
SDev	.0036	.00204	.00175	.00112	.00267	.00170
%RSD	.28159	.26501	.63803	.34924	10.339	3.5931
#1	1.2912	.77269	.27362	.32231	-.02395	-.04842
#2	1.2860	.76980	.27610	.32072	-.02772	-.04602

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29998	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.3182246	--	--	--	--	--	--
#1	29930	--	--	--	--	--	--
#2	30065	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-4-a Operator: SRP
Run Time: 01/21/12 11:35:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.430	.00452	.21119	1.4563	.00717	.06775	.03600
SDev	.120	.00084	.00173	.0005	.00001	.00038	.00006
%RSD	.15721	18.493	.82000	.03360	.12500	.55655	.15979
#1	76.515	.00393	.21242	1.4566	.00717	.06749	.03604
#2	76.345	.00511	.20997	1.4559	.00716	.06802	.03596

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1607.4	.11700	.11633	.13604	186.46	.10435	.25677
SDev	1.3	.00030	.00015	.00009	.18	.00027	.00016
%RSD	.07963	.25757	.13075	.06942	.09593	.26262	.06231
#1	1606.5	.11679	.11622	.13611	186.33	.10455	.25688

#2	1608.3	.11722	.11643	.13597	186.58	.10416	.25666

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02022	19.152	11.495	.01987	.27056	21.999	15.201
SDev	.00018	.020	.010	.00029	.00113	.071	.006
%RSD	.87777	.10502	.08273	1.4602	.41621	.32362	.04076
#1	-.02009	19.138	11.489	.02007	.26977	22.049	15.205
#2	-.02034	19.167	11.502	.01966	.27136	21.948	15.196

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00384	4.7027	5.5169	10.392	-.00544	.02653	.38993
SDev	.00006	.0960	.0182	.002	.00180	.00085	.00015
%RSD	1.4531	2.0421	.33070	.01469	33.118	3.1949	.03903
#1	-.00388	4.7706	5.5298	10.391	-.00417	.02713	.39004
#2	-.00380	4.6348	5.5040	10.393	-.00671	.02593	.38982

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57834	.59988	.22650	.27190	-.00860	-.02603
SDev	.00021	.00015	.00099	.00074	.00324	.00189
%RSD	.03706	.02550	.43865	.27097	37.679	7.2462
#1	.57819	.59978	.22580	.27243	-.01089	-.02469
#2	.57849	.59999	.22720	.27138	-.00631	-.02736

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30948	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0799701	--	--	--	--	--	--
#1	30930	--	--	--	--	--	--
#2	30965	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-5-a Operator: SRP
Run Time: 01/21/12 11:39:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.227	.00964	.50804	4.0320	.00497	.03893	.02523
SDev	.006	.00092	.00030	.0029	.00005	.00065	.00006

%RSD	.02462	9.5936	.05902	.07289	1.0071	1.6818	.25822
#1	25.223	.00898	.50825	4.0341	.00494	.03940	.02519
#2	25.232	.01029	.50783	4.0299	.00501	.03847	.02528

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1902.1	.09747	.30834	.19108	221.37	.02979	.19164
SDev	1.5	.00030	.00084	.00043	.50	.00006	.00015

%RSD	.07794	.30681	.27109	.22489	.22665	.18945	.07767
#1	1901.0	.09768	.30775	.19139	221.02	.02983	.19174
#2	1903.1	.09726	.30893	.19078	221.72	.02975	.19153

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03319	16.376	31.347	.06912	.51922	7.8138	16.262
SDev	.00013	.027	.033	.00144	.00061	.0099	.013
%RSD	.38477	.16227	.10553	2.0777	.11769	.12625	.07728
#1	-.03328	16.357	31.323	.06811	.51879	7.8208	16.253
#2	-.03310	16.394	31.370	.07014	.51965	7.8068	16.270

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00222	5.2107	5.8384	14.786	-.01446	.02270	.21162
SDev	.00048	.0205	.0061	.003	.00030	.00133	.00012
%RSD	21.594	.39350	.10518	.02335	2.0511	5.8774	.05419
#1	-.00256	5.1962	5.8427	14.783	-.01425	.02176	.21154
#2	-.00188	5.2252	5.8340	14.788	-.01467	.02365	.21170

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0972	.55641	.17218	.20137	-.02665	-.03646
SDev	.0010	.00233	.00568	.00307	.00208	.00085
%RSD	.09497	.41883	3.3007	1.5220	7.8067	2.3272
#1	1.0965	.55476	.16816	.20354	-.02812	-.03586
#2	1.0979	.55805	.17620	.19920	-.02518	-.03706

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29245	--	--	--	--	--	--
SDev	96.16652	--	--	--	--	--	--
%RSD	.3288307	--	--	--	--	--	--
#1	29177	--	--	--	--	--	--
#2	29313	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 11:43:00
Comment: TRACE 61E

Analysis Report Blank Sample 01/21/12 11:46:48 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4372	.49830	.49264	.49784	.47957	.49821	.50018
SDev	.0038	.00008	.00172	.00036	.00167	.00197	.00098
%RSD	.15672	.01574	.34917	.07183	.34730	.39532	.19551
#1	2.4399	.49836	.49386	.49758	.47839	.49682	.49949
#2	2.4345	.49825	.49142	.49809	.48075	.49961	.50088

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.704	.47723	.47356	.48291	2.5401	.46254	.48515
SDev	.285	.00072	.00102	.00058	.0104	.00042	.00163
%RSD	2.2436	.15016	.21454	.11975	.40840	.09056	.33704
#1	12.905	.47672	.47285	.48250	2.5474	.46225	.48399
#2	12.502	.47774	.47428	.48332	2.5328	.46284	.48631

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48674	4.7979	.47863	.50237	.50566	12.036	.94799
SDev	.00447	.0065	.00156	.00425	.00293	.019	.01574
%RSD	.91747	.13577	.32651	.84653	.57909	.15864	1.6600
#1	.48358	4.7933	.47973	.49936	.50359	12.022	.95911
#2	.48989	4.8025	.47752	.50538	.50773	12.049	.93686

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24368	12.505	11.899	.24776	.51335	.48928	.50024
SDev	.00094	.005	.001	.00031	.00515	.00054	.00157
%RSD	.38417	.04143	.00691	.12619	1.0043	.11117	.31422
#1	.24302	12.501	11.900	.24798	.50970	.48889	.49913
#2	.24434	12.508	11.899	.24754	.51699	.48966	.50135

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48692	.50201	.46242	.49652	.46332	.49850
SDev	.00041	.00050	.00373	.00059	.00194	.00573
%RSD	.08502	.09983	.80730	.11807	.41971	1.1487
#1	.48663	.50165	.45978	.49610	.46195	.49445
#2	.48721	.50236	.46506	.49693	.46470	.50255

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29162	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.2934003	--	--	--	--	--	--
#1	29222	--	--	--	--	--	--
#2	29101	--	--	--	--	--	--

Analysis Report Blank Sample 01/21/12 11:46:48 AM page 15

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 11:46:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03238	.00137	-.00046	.00109	-.00008	.00770	.00052
SDev	.00001	.00082	.00045	.00017	.00008	.00025	.00011
%RSD	.02593	59.708	99.399	15.227	99.376	3.2683	22.182
#1	.03238	.00194	-.00078	.00121	-.00002	.00752	.00060

#2	.03239	.00079	-.00014	.00098	-.00013	.00788	.00043

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07039	.00053	.00053	-.00069	.01048	.00052	.00047
SDev	.01734	.00007	.00004	.00011	.00311	.00010	.00111
%RSD	24.632	12.583	7.0781	15.993	29.634	18.989	237.24
#1	.08265	.00058	.00050	-.00077	.00828	.00059	-.00032
#2	.05813	.00048	.00056	-.00061	.01267	.00045	.00125

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.01154	.00079	.00205	-.00033	.02163	.00091
SDev	.00033	.00235	.00020	.00063	.00000	.00709	.00083
%RSD	156.27	20.355	25.291	30.753	.15999	32.805	90.523
#1	-.00002	.01320	.00093	.00250	-.00033	.02665	.00150
#2	.00044	.00988	.00064	.00161	-.00033	.01661	.00033

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.03914	.03197	.00082	.00168	.00010	.00048
SDev	.00014	.03681	.00414	.00019	.00069	.00123	.00006
%RSD	38.083	94.041	12.954	22.977	40.814	1195.6	12.354
#1	.00026	.01311	.03490	.00095	.00120	-.00077	.00052
#2	.00046	.06517	.02904	.00069	.00217	.00097	.00044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00425	.00349	-.00105	.00096	-.00016
SDev	.00016	.00007	.00376	.00022	.00118	.00010
%RSD	54.158	1.7442	107.66	21.194	123.99	62.464
#1	.00042	-.00420	.00083	-.00089	.00012	-.00009
#2	.00019	-.00430	.00615	-.00120	.00179	-.00024

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29506	--	--	--	--	--	--

SDev	51.61879	--	--	--	--	--	--
%RSD	.1749404	--	--	--	--	--	--
#1	29470	--	--	--	--	--	--
#2	29543	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-6-a Operator: SRP
Run Time: 01/21/12 11:50:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.856	.00393	.27532	1.2799	.00791	.05248	.01786
SDev	.185	.00178	.00101	.0041	.00002	.00017	.00001

%RSD	.24357	45.209	.36685	.31954	.18520	.33186	.07678
#1	75.725	.00267	.27461	1.2770	.00790	.05236	.01785
#2	75.986	.00518	.27604	1.2828	.00792	.05260	.01787

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1657.3	.12830	.10231	.15089	189.08	.07742	.17976
SDev	.7	.00017	.00049	.00068	.41	.00028	.00128
%RSD	.04138	.13520	.48107	.44727	.21894	.36398	.71480
#1	1656.8	.12817	.10196	.15041	188.79	.07722	.17885
#2	1657.8	.12842	.10266	.15137	189.38	.07762	.18067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02361	19.981	10.781	.02595	.25631	13.772	25.833
SDev	.00379	.034	.023	.00038	.00080	.029	.100
%RSD	16.058	.17063	.21150	1.4624	.31345	.21315	.38832
#1	-.02093	19.957	10.765	.02622	.25688	13.751	25.762
#2	-.02629	20.005	10.797	.02568	.25575	13.793	25.904

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00357	6.7656	7.7962	12.409	-.00479	.02457	.36056
SDev	.00027	.0637	.0195	.043	.00010	.00043	.00104
%RSD	7.6714	.94105	.25005	.35012	2.0191	1.7425	.28836
#1	-.00377	6.7206	7.7824	12.378	-.00486	.02488	.35982
#2	-.00338	6.8106	7.8100	12.439	-.00472	.02427	.36129

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80065	.53901	.15425	.19252	-.00556	-.03263
SDev	.00154	.00142	.00206	.00090	.00528	.00305
%RSD	.19189	.26389	1.3347	.46648	94.959	9.3412
#1	.79956	.53800	.15279	.19188	-.00183	-.03048
#2	.80173	.54001	.15570	.19315	-.00929	-.03479

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31989	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.1193653	--	--	--	--	--	--
#1	32016	--	--	--	--	--	--
#2	31962	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-a-6-a ms Operator: SRP
Run Time: 01/21/12 11:54:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	231.46	.20222	1.0178	2.1899	.38807	.61071	.38305
SDev	.13	.00000	.0026	.0008	.00017	.00067	.00034
%RSD	.05464	.00067	.25067	.03858	.04312	.10927	.08751
#1	231.55	.20222	1.0196	2.1905	.38819	.61119	.38281
#2	231.37	.20222	1.0160	2.1893	.38795	.61024	.38329

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1138.1	.96306	.83866	.95918	258.51	.71944	.92904
SDev	1.0	.00014	.00032	.00018	.17	.00029	.00027
%RSD	.08676	.01465	.03787	.01922	.06757	.04072	.02936
#1	1138.8	.96316	.83888	.95905	258.63	.71965	.92884
#2	1137.4	.96296	.83843	.95931	258.38	.71923	.92923

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76211	36.229	9.6069	.67424	.97856	38.469	17.750
SDev	.00055	.039	.0069	.00121	.00145	.013	.008
%RSD	.07165	.10636	.07130	.18027	.14829	.03277	.04258
#1	.76172	36.256	9.6118	.67338	.97958	38.478	17.745
#2	.76249	36.202	9.6021	.67510	.97753	38.460	17.755

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43754	14.381	16.151	5.8982	.79772	.70828	.65312
SDev	.00060	.002	.012	.0020	.00199	.00106	.00043
%RSD	.13721	.01284	.07696	.03336	.24920	.14944	.06545
#1	.43797	14.380	16.160	5.8996	.79631	.70902	.65343
#2	.43712	14.382	16.142	5.8968	.79912	.70753	.65282

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5081	1.2506	.83433	.97639	.73318	.77657
SDev	.0014	.0010	.00161	.00040	.00282	.00059
%RSD	.09332	.07935	.19339	.04072	.38480	.07618

#1	1.5091	1.2513	.83319	.97667	.73118	.77699
#2	1.5071	1.2499	.83547	.97611	.73517	.77615

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31275	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1492216	--	--	--	--	--	--
#1	31242	--	--	--	--	--	--
#2	31308	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-a-6-b msd Operator: SRP
Run Time: 01/21/12 11:58:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.270	.43378	1.0749	1.6615	.33900	.81122	.35850
SDev	.073	.00181	.0054	.0003	.00005	.00148	.00003
%RSD	.12690	.41730	.50247	.01572	.01453	.18269	.00897
#1	57.321	.43250	1.0710	1.6613	.33904	.81017	.35852
#2	57.218	.43506	1.0787	1.6616	.33897	.81227	.35847

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1773.8	.76697	.75442	.96722	196.42	.57092	.84717
SDev	.7	.00015	.00048	.00014	.04	.00027	.00258
%RSD	.04125	.01910	.06408	.01435	.02173	.04731	.30488
#1	1774.3	.76687	.75408	.96732	196.39	.57111	.84899
#2	1773.3	.76708	.75477	.96712	196.45	.57073	.84534

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70748	186.01	11.501	.75445	.93804	24.541	19.208
SDev	.00134	.00	.001	.00215	.00115	.030	.001
%RSD	.18880	.00211	.00437	.28543	.12305	.12097	.00630
#1	.70843	186.01	11.501	.75293	.93886	24.562	19.207
#2	.70654	186.01	11.502	.75597	.93722	24.520	19.209

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44617	15.730	18.292	12.729	.74666	.73813	.80099
SDev	.00012	.095	.019	.001	.00135	.00120	.00011
%RSD	.02682	.60434	.10298	.00608	.18068	.16193	.01392
#1	.44608	15.662	18.306	12.730	.74761	.73897	.80091
#2	.44625	15.797	18.279	12.728	.74570	.73728	.80106

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6438	1.2560	.79014	.87568	.68798	.71723
SDev	.0007	.0001	.00146	.00314	.00892	.00246
%RSD	.04144	.00492	.18503	.35894	1.2971	.34274
#1	1.6443	1.2560	.79118	.87790	.69429	.71549
#2	1.6433	1.2560	.78911	.87346	.68167	.71897

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29490	--	--	--	--	--	--
SDev	21.21320	--	--	--	--	--	--
%RSD	.0719335	--	--	--	--	--	--
#1	29475	--	--	--	--	--	--
#2	29505	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-7-a Operator: SRP
Run Time: 01/21/12 12:02:16

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.754	.00710	.31778	1.3545	.00513	.05598	.01369
SDev	.166	.00058	.00075	.0049	.00002	.00059	.00007
%RSD	.34112	8.1583	.23694	.36423	.30558	1.0576	.53415
#1	48.871	.00669	.31831	1.3580	.00512	.05640	.01364
#2	48.636	.00751	.31725	1.3510	.00514	.05556	.01375

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1825.4	.09218	.11424	.12999	173.47	.05460	.16921
SDev	.4	.00028	.00009	.00000	.25	.00026	.00010
%RSD	.02224	.29910	.08006	.00056	.14376	.48306	.05663
#1	1825.7	.09238	.11418	.12999	173.64	.05478	.16928
#2	1825.1	.09199	.11431	.12999	173.29	.05441	.16915

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02037	17.015	13.257	.02906	.25913	13.649	19.145
SDev	.00129	.015	.013	.00162	.00124	.057	.038
%RSD	6.3233	.08904	.09685	5.5929	.47815	.42098	.20093
#1	-.01946	17.026	13.266	.03021	.26001	13.689	19.172
#2	-.02128	17.005	13.248	.02791	.25825	13.608	19.118

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	6.4547	7.3137	12.736	-.00316	.02749	.29212
SDev	.00030	.1954	.0311	.033	.00797	.00137	.00088
%RSD	10.538	3.0279	.42569	.25953	252.32	4.9922	.30196

#1	-.00265	6.5929	7.3357	12.759	.00248	.02847	.29275
#2	-.00307	6.3165	7.2917	12.712	-.00880	.02652	.29150

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81781	.54766	.15038	.17863	-.00878	-.02617
SDev	.00125	.00080	.00117	.00044	.00234	.00076
%RSD	.15296	.14624	.77873	.24733	26.641	2.9159
#1	.81869	.54823	.15121	.17832	-.00712	-.02563
#2	.81693	.54709	.14955	.17894	-.01043	-.02671

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28825	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.2502164	--	--	--	--	--	--
#1	28774	--	--	--	--	--	--
#2	28876	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-8-a Operator: SRP
Run Time: 01/21/12 12:06:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.160	.00279	.14309	.72403	.00595	.05623	.01590
SDev	.114	.00140	.00162	.00136	.00001	.00061	.00005
%RSD	.16737	50.239	1.1326	.18773	.24273	1.0907	.28204
#1	68.079	.00378	.14424	.72307	.00594	.05580	.01593
#2	68.241	.00180	.14195	.72499	.00596	.05666	.01587

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1793.0	.12574	.09241	.13175	206.76	.07963	.16649
SDev	7.9	.00068	.00017	.00033	.65	.00001	.00141
%RSD	.43880	.53670	.18716	.25054	.31388	.01381	.84698
#1	1787.5	.12527	.09253	.13152	206.31	.07962	.16549
#2	1798.6	.12622	.09229	.13198	207.22	.07964	.16749

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02399	17.374	10.222	.01233	.28273	14.658	17.008
SDev	.00173	.052	.032	.00005	.00102	.001	.043
%RSD	7.2202	.29684	.31387	.37209	.36082	.00615	.25292
#1	-.02521	17.338	10.199	.01230	.28201	14.659	16.978
#2	-.02276	17.411	10.245	.01236	.28345	14.657	17.038

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00316	4.3399	5.1071	13.710	.00098	.02696	.31084
SDev	.00040	.0399	.0017	.031	.00229	.00094	.00092
%RSD	12.753	.91879	.03339	.22425	233.12	3.5049	.29684
#1	-.00288	4.3681	5.1059	13.689	-.00064	.02629	.31018
#2	-.00345	4.3117	5.1083	13.732	.00260	.02762	.31149

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58270	.54681	.14263	.17842	-.00938	-.03129
SDev	.00172	.00167	.00037	.00193	.00122	.00321
%RSD	.29586	.30585	.26202	1.0808	12.992	10.250
#1	.58148	.54562	.14236	.17706	-.00852	-.03356
#2	.58392	.54799	.14289	.17978	-.01024	-.02903

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29161	--	--	--	--	--	--
SDev	110.3087	--	--	--	--	--	--
%RSD	.3782746	--	--	--	--	--	--
#1	29239	--	--	--	--	--	--

#2	29083	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-9-a Operator: SRP
Run Time: 01/21/12 12:09:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.959	.00328	.16733	.69912	.00552	.05261	.01218
SDev	.048	.00414	.00079	.00090	.00002	.00017	.00006
%RSD	.09354	126.27	.47126	.12837	.34806	.33193	.52447
#1	50.992	.00035	.16789	.69975	.00553	.05274	.01214
#2	50.925	.00621	.16677	.69848	.00551	.05249	.01223

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1723.8	.09808	.09363	.11835	133.14	.05821	.17787
SDev	3.3	.00006	.00043	.00044	.18	.00007	.00033
%RSD	.19246	.06382	.46010	.37604	.13478	.11293	.18646
#1	1726.2	.09804	.09393	.11867	133.27	.05826	.17810
#2	1721.5	.09813	.09332	.11804	133.01	.05817	.17763

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01397	16.056	9.5252	.02291	.24012	11.725	16.944
SDev	.00036	.023	.0127	.00047	.00137	.015	.008
%RSD	2.5834	.14103	.13376	2.0733	.57094	.12438	.04693
#1	-.01422	16.072	9.5342	.02258	.24109	11.735	16.950

#2	-.01371	16.040	9.5162	.02325	.23915	11.714	16.939

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	4.6586	5.3107	12.137	-.00419	.03172	.27703
SDev	.00024	.0831	.0034	.015	.00030	.00163	.00036
%RSD	10.614	1.7846	.06476	.12239	7.0714	5.1438	.12926
#1	-.00212	4.7174	5.3131	12.148	-.00440	.03287	.27728
#2	-.00246	4.5998	5.3082	12.127	-.00398	.03056	.27677

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47687	.55177	.15532	.18914	-.00251	-.01970
SDev	.00036	.00161	.00071	.00085	.00672	.00282
%RSD	.07529	.29266	.45922	.45157	267.98	14.307
#1	.47712	.55291	.15481	.18975	-.00726	-.01770
#2	.47661	.55062	.15582	.18854	.00224	-.02169

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29322	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2266832	--	--	--	--	--	--

#1	29275	--	--	--	--	--	--
#2	29369	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-2-a Operator: SRP
Run Time: 01/21/12 12:13:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.885	.00156	.01528	.86885	.00581	.02697	.00101
SDev	.610	.00169	.00233	.00750	.00000	.00021	.00013
%RSD	.69399	108.55	15.236	.86319	.05594	.77254	12.509
#1	87.453	.00276	.01693	.86355	.00581	.02683	.00092
#2	88.316	.00036	.01364	.87416	.00581	.02712	.00110

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.880	.08890	.05824	.06499	108.54	.07941	.12874
SDev	.134	.00022	.00016	.00034	.17	.00077	.00020
%RSD	.44899	.24865	.27807	.51495	.15634	.96973	.15386
#1	29.975	.08906	.05836	.06476	108.66	.07887	.12860
#2	29.785	.08875	.05813	.06523	108.42	.07996	.12888

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00704	21.567	1.4219	.00031	.13673	12.694	23.322

SDev	.00032	.036	.0010	.00049	.00016	.137	.056
%RSD	4.6171	.16852	.06709	159.06	.11587	1.0829	.24141
#1	-.00727	21.592	1.4226	.00065	.13684	12.597	23.282
#2	-.00681	21.541	1.4213	-.00004	.13662	12.791	23.362

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00277	6.3408	6.4080	.20301	-.00635	.02761	.41239
SDev	.00034	.0333	.0583	.00167	.00067	.00041	.00160
%RSD	12.299	.52441	.90980	.82100	10.568	1.4717	.38838
#1	-.00253	6.3172	6.3668	.20183	-.00588	.02790	.41126
#2	-.00301	6.3643	6.4493	.20419	-.00683	.02733	.41352

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13652	.19643	.10572	.14025	-.00711	-.00700
SDev	.00009	.00046	.00238	.00148	.00338	.00218
%RSD	.06791	.23394	2.2471	1.0588	47.455	31.093
#1	.13645	.19676	.10740	.13920	-.00473	-.00853
#2	.13658	.19611	.10404	.14130	-.00950	-.00546

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	31736	--	--	--	--	--	--
SDev	165.4630	--	--	--	--	--	--
%RSD	.5213731	--	--	--	--	--	--
#1	31619	--	--	--	--	--	--
#2	31853	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-2-b du Operator: SRP
Run Time: 01/21/12 12:17:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.847	.00299	.02327	.74603	.00612	.02776	.00106
SDev	.057	.00088	.00068	.00048	.00000	.00019	.00005
%RSD	.06841	29.535	2.9238	.06384	.03725	.68247	4.4414
#1	82.887	.00236	.02375	.74637	.00612	.02762	.00103
#2	82.807	.00361	.02278	.74570	.00613	.02789	.00110

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.031	.10013	.03800	.07039	119.47	.07422	.09284
SDev	.023	.00009	.00020	.00036	.05	.00012	.00001
%RSD	.08493	.08609	.53993	.51676	.04269	.16305	.00523
#1	27.015	.10007	.03786	.07013	119.44	.07431	.09284

#2	27.048	.10019	.03815	.07065	119.51	.07414	.09284

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00696	20.199	.82804	.00105	.13056	12.179	15.540
SDev	.00124	.001	.00023	.00019	.00022	.022	.006
%RSD	17.805	.00277	.02838	18.432	.17042	.17909	.04113
#1	-.00784	20.199	.82787	.00119	.13040	12.194	15.544
#2	-.00609	20.198	.82820	.00092	.13072	12.163	15.535

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00215	5.4522	5.6402	.18710	-.00374	.02631	.44286
SDev	.00018	.0453	.0044	.00009	.00039	.00137	.00008
%RSD	8.4463	.83067	.07745	.04560	10.411	5.2088	.01885
#1	-.00228	5.4842	5.6433	.18704	-.00401	.02728	.44280
#2	-.00202	5.4202	5.6371	.18716	-.00346	.02534	.44291

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16822	.24024	.07327	.10263	-.00439	-.00825
SDev	.00015	.00057	.00066	.00034	.00214	.00293
%RSD	.08887	.23939	.89914	.32805	48.735	35.490
#1	.16833	.23984	.07373	.10239	-.00287	-.01032
#2	.16811	.24065	.07280	.10287	-.00590	-.00618

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32052	--	--	--	--	--	--
SDev	55.86144	--	--	--	--	--	--
%RSD	.1742811	--	--	--	--	--	--
#1	32013	--	--	--	--	--	--
#2	32092	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-2-c ms Operator: SRP
Run Time: 01/21/12 12:21:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	130.46	.30066	.88716	1.7734	.44032	.74065	.45237
SDev	.32	.00216	.00246	.0043	.00052	.00106	.00004
%RSD	.24475	.71877	.27695	.24004	.11778	.14341	.00895
#1	130.68	.29913	.88543	1.7764	.43995	.74140	.45234
#2	130.23	.30219	.88890	1.7704	.44068	.73990	.45240

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	39.352	.99253	.89826	.94623	123.89	.56188	.96814
SDev	.038	.00059	.00066	.00201	.04	.00112	.00269
%RSD	.09545	.05910	.07339	.21217	.03293	.19837	.27769
#1	39.325	.99211	.89780	.94765	123.86	.56266	.96624
#2	39.378	.99294	.89873	.94482	123.92	.56109	.97005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81893	33.784	1.7727	.80156	1.0612	26.732	18.409
SDev	.00514	.006	.0005	.00240	.0020	.071	.004
%RSD	.62751	.01694	.02914	.29983	.18836	.26693	.02087
#1	.81529	33.788	1.7724	.79987	1.0627	26.782	18.412
#2	.82256	33.780	1.7731	.80326	1.0598	26.681	18.407

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45253	16.587	16.696	.68993	.93091	.85806	.88932
SDev	.00093	.053	.045	.00136	.00398	.00001	.00002
%RSD	.20464	.31856	.26715	.19705	.42802	.00059	.00174
#1	.45318	16.625	16.728	.69089	.92809	.85806	.88934
#2	.45187	16.550	16.665	.68897	.93373	.85806	.88931

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99542	1.1482	.89031	1.0071	.77527	.84076
SDev	.00000	.0009	.00244	.0053	.00060	.00741
%RSD	.00023	.08221	.27408	.52159	.07786	.88093
#1	.99541	1.1476	.89204	1.0033	.77484	.83552
#2	.99542	1.1489	.88859	1.0108	.77569	.84599

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32028	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.2384399	--	--	--	--	--	--
#1	31974	--	--	--	--	--	--
#2	32082	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-2-d msd Operator: SRP
Run Time: 01/21/12 12:25:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	148.79	.31132	.88175	1.8806	.43946	.71916	.45021
SDev	.26	.00085	.00271	.0031	.00041	.00198	.00093
%RSD	.17647	.27216	.30701	.16725	.09374	.27558	.20675

#1	148.60	.31072	.87983	1.8784	.43917	.71776	.44955
#2	148.97	.31192	.88366	1.8828	.43976	.72056	.45087

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.036	.99951	.89657	.95190	146.63	.58056	.97504
SDev	.085	.00147	.00062	.00134	.28	.00035	.00173
%RSD	.19752	.14760	.06870	.14041	.19141	.06057	.17725
#1	42.976	.99846	.89613	.95096	146.44	.58031	.97382
#2	43.096	1.0006	.89700	.95285	146.83	.58081	.97626

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80870	37.492	1.9363	.78817	1.0721	29.277	15.887
SDev	.00016	.067	.0036	.00289	.0036	.006	.041
%RSD	.01962	.17879	.18661	.36690	.33400	.02096	.25972
#1	.80859	37.444	1.9338	.78613	1.0696	29.272	15.858
#2	.80882	37.539	1.9389	.79022	1.0746	29.281	15.917

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45131	17.560	17.900	.71930	.92323	.84370	.91773
SDev	.00148	.105	.012	.00145	.01134	.00496	.00126
%RSD	.32824	.59526	.06644	.20087	1.2281	.58850	.13772
#1	.45027	17.486	17.892	.71828	.91522	.84019	.91684
#2	.45236	17.634	17.909	.72032	.93125	.84721	.91862

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0122	1.1472	.88649	1.0193	.75647	.83482
SDev	.0020	.0012	.00537	.0001	.00026	.00011
%RSD	.19420	.10602	.60557	.00901	.03402	.01311

#1	1.0108	1.1463	.88269	1.0194	.75629	.83474
#2	1.0136	1.1480	.89028	1.0193	.75665	.83490

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31864	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0687923	--	--	--	--	--	--
#1	31880	--	--	--	--	--	--
#2	31849	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 12:29:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4784	.50501	.50520	.50613	.47924	.50621	.50937
SDev	.0081	.00225	.00039	.00109	.00009	.00047	.00001
%RSD	.32558	.44623	.07760	.21578	.01929	.09370	.00190
#1	2.4841	.50341	.50548	.50536	.47931	.50588	.50936
#2	2.4727	.50660	.50492	.50690	.47918	.50655	.50937

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.491	.47849	.47463	.48281	2.5424	.47022	.49059
SDev	.013	.00035	.00006	.00060	.0143	.00150	.00067
%RSD	.10608	.07233	.01334	.12367	.56248	.31991	.13724
#1	12.500	.47873	.47467	.48239	2.5525	.46915	.49106
#2	12.482	.47824	.47458	.48323	2.5323	.47128	.49011

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49752	4.8170	.47948	.51026	.51346	12.230	.96920
SDev	.00123	.0003	.00020	.00311	.00010	.046	.01691
%RSD	.24780	.00570	.04131	.61036	.01972	.37929	1.7449
#1	.49839	4.8168	.47962	.51247	.51353	12.198	.98116
#2	.49665	4.8172	.47934	.50806	.51339	12.263	.95725

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24463	12.518	12.073	.25251	.52928	.49183	.50503
SDev	.00035	.035	.053	.00060	.00310	.00137	.00031
%RSD	.14445	.28153	.43893	.23890	.58611	.27774	.06059
#1	.24438	12.493	12.036	.25208	.53148	.49087	.50481
#2	.24488	12.543	12.111	.25293	.52709	.49280	.50525

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.48908	.50908	.46199	.50488	.46570	.51349
SDev	.00012	.00021	.00044	.00123	.00201	.00286
%RSD	.02414	.04197	.09457	.24330	.43272	.55636
#1	.48916	.50923	.46169	.50575	.46427	.51551
#2	.48899	.50893	.46230	.50401	.46712	.51147

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29217	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.2129767	--	--	--	--	--	--
#1	29261	--	--	--	--	--	--
#2	29173	--	--	--	--	--	--

01/21/12 12:36:54 PM page 28

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 12:33:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04525	.00221	.00212	.00024	-.00043	.00627	.00016
SDev	.00349	.00190	.00077	.00007	.00009	.00008	.00003
%RSD	7.7169	85.676	36.268	28.792	20.271	1.2142	18.130
#1	.04278	.00087	.00266	.00029	-.00037	.00632	.00014
#2	.04771	.00356	.00158	.00019	-.00049	.00622	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00464	.00046	.00039	-.00081	.00714	.00002	.00096
SDev	.00072	.00014	.00009	.00007	.00355	.00001	.00064
%RSD	15.596	30.741	21.743	8.9232	49.748	41.755	67.560
#1	.00516	.00036	.00045	-.00076	.00463	.00002	.00141
#2	.00413	.00056	.00033	-.00086	.00965	.00003	.00050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00220	.00025	.00123	-.00036	-.02561	.00633
SDev	.00011	.00286	.00002	.00070	.00017	.02155	.00050
%RSD	60.326	130.35	8.2298	57.075	47.689	84.156	7.9648
#1	.00027	.00017	.00026	.00173	-.00049	-.04085	.00597
#2	.00011	.00422	.00024	.00073	-.00024	-.01037	.00668

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.03317	.01099	.00018	.00288	-.00189	.00036
SDev	.00025	.01161	.00098	.00002	.00352	.00078	.00003
%RSD	87.770	35.005	8.9022	9.7238	122.43	41.169	8.4696
#1	.00011	.02496	.01030	.00020	.00537	-.00134	.00038
#2	.00046	.04138	.01168	.00017	.00039	-.00245	.00034

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00450	.00280	.00003	.00231	-.00088
SDev	.00016	.00000	.00263	.00035	.00008	.00021
%RSD	52.736	.06805	93.953	1079.8	3.5739	24.061
#1	.00019	-.00450	.00466	-.00021	.00226	-.00073
#2	.00042	-.00450	.00094	.00028	.00237	-.00103

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29041	--	--	--	--	--	--
SDev	439.8204	--	--	--	--	--	--
%RSD	1.514481	--	--	--	--	--	--

#1	29352	--	--	--	--	--	--
#2	28730	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-6-a Operator: SRP
Run Time: 01/21/12 12:36:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.226	.00161	.00885	.32863	.00221	.01493	.00016
SDev	.009	.00136	.00251	.00027	.00002	.00046	.00005
%RSD	.02699	84.372	28.396	.08242	.96376	3.0484	32.526
#1	33.232	.00258	.00707	.32882	.00219	.01461	.00020
#2	33.219	.00065	.01063	.32844	.00222	.01525	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.0705	.03327	.03074	.02357	32.607	.01756	.03572
SDev	.0419	.00009	.00022	.00027	.117	.00000	.00044
%RSD	.51978	.25475	.71513	1.1395	.35989	.02120	1.2176
#1	8.0408	.03321	.03090	.02338	32.524	.01756	.03541
#2	8.1002	.03333	.03059	.02376	32.690	.01756	.03603

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00133	5.0718	.21183	.00058	.03338	4.2707	17.914
SDev	.00364	.0194	.00073	.00010	.00022	.0032	.039
%RSD	274.30	.38202	.34273	16.874	.67493	.07486	.21699
#1	.00125	5.0581	.21132	.00051	.03322	4.2730	17.886
#2	-.00390	5.0855	.21234	.00065	.03354	4.2684	17.941

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	.56334	.66497	.04957	-.00447	.02765	.25509
SDev	.00036	.06528	.00111	.00004	.00201	.00014	.00021
%RSD	68.674	11.588	.16686	.08127	44.908	.51031	.08196

#1	-.00027	.60950	.66576	.04959	-.00589	.02755	.25494
#2	-.00078	.51718	.66419	.04954	-.00305	.02775	.25524

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03981	.07287	.03213	.03752	-.00132	-.00133
SDev	.00003	.00062	.00012	.00071	.00440	.00325
%RSD	.07240	.84760	.37965	1.9015	333.21	244.98
#1	.03979	.07243	.03222	.03701	.00179	.00097
#2	.03983	.07330	.03204	.03802	-.00443	-.00363

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31424	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0697555	--	--	--	--	--	--
#1	31440	--	--	--	--	--	--
#2	31409	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-8-a Operator: SRP
Run Time: 01/21/12 12:40:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.244	.00280	.01144	.44639	.00267	.01347	.00019
SDev	.026	.00203	.00065	.00084	.00000	.00024	.00010
%RSD	.12849	72.561	5.6725	.18914	.08879	1.8226	51.768
#1	20.262	.00424	.01098	.44699	.00266	.01364	.00026
#2	20.225	.00136	.01190	.44580	.00267	.01329	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9418	.02363	.01392	.01971	31.919	.00870	.02322
SDev	.0045	.00003	.00002	.00003	.009	.00001	.00044
%RSD	.09083	.12597	.13409	.13593	.02959	.07911	1.8813
#1	4.9386	.02366	.01391	.01973	31.912	.00870	.02291
#2	4.9450	.02361	.01393	.01969	31.926	.00871	.02353

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	2.2455	.16350	.00226	.03373	2.3684	12.266
SDev	.00067	.0008	.00005	.00032	.00023	.0036	.016
%RSD	59.789	.03710	.03222	14.421	.67552	.15274	.13319
#1	-.00065	2.2461	.16346	.00249	.03389	2.3659	12.278
#2	-.00161	2.2449	.16353	.00203	.03357	2.3710	12.255

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00063	1.0771	1.1242	.02970	-.00128	.02742	.23610

SDev	.00049	.0125	.0003	.00001	.00193	.00068	.00013
%RSD	78.022	1.1608	.02840	.04164	151.08	2.4894	.05324
#1	-.00028	1.0859	1.1244	.02970	-.00264	.02790	.23619
#2	-.00098	1.0683	1.1239	.02969	.00009	.02694	.23601

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06125	.05469	.02173	.02396	-.00193	-.00073
SDev	.00015	.00032	.00036	.00083	.00002	.00102
%RSD	.25320	.58694	1.6333	3.4749	1.0905	140.76
#1	.06136	.05446	.02198	.02337	-.00195	-.00000

#2	.06114	.05491	.02148	.02455	-.00192	-.00145

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31088	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1250973	--	--	--	--	--	--
#1	31061	--	--	--	--	--	--
#2	31116	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-10-a Operator: SRP
Run Time: 01/21/12 12:44:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	202.86	.00536	.06663	1.4568	.01323	.08076	.00562
SDev	.06	.00191	.00160	.0003	.00002	.00050	.00031
%RSD	.03110	35.660	2.3975	.02382	.10978	.62081	5.5901
#1	202.90	.00401	.06550	1.4566	.01322	.08112	.00585
#2	202.82	.00672	.06776	1.4571	.01324	.08041	.00540

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	385.54	.26232	.08773	.18475	278.89	.30110	.12634
SDev	.07	.00045	.00011	.00027	.06	.00003	.00020
%RSD	.01864	.17188	.12927	.14474	.02061	.01090	.16128
#1	385.49	.26264	.08781	.18494	278.85	.30107	.12648
#2	385.59	.26200	.08765	.18456	278.93	.30112	.12619

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01743	84.309	1.8587	.00144	.30470	40.766	16.786
SDev	.00151	.032	.0008	.00053	.00020	.026	.014
%RSD	8.6744	.03778	.04508	37.140	.06610	.06349	.08560
#1	-.01850	84.287	1.8581	.00182	.30484	40.785	16.776
#2	-.01636	84.332	1.8593	.00106	.30455	40.748	16.796

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00379	1.8265	2.6659	.65341	.00137	.03081	.89035
SDev	.00018	.0408	.0022	.00002	.00326	.00121	.00058
%RSD	4.7286	2.2353	.08441	.00292	237.30	3.9428	.06505
#1	-.00366	1.8553	2.6644	.65343	.00367	.03166	.89076
#2	-.00391	1.7976	2.6675	.65340	-.00093	.02995	.88994

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36145	.76309	.08156	.14872	-.00842	-.02193

SDev	.00001	.00020	.00067	.00003	.00056	.00255
%RSD	.00347	.02576	.82320	.02023	6.6701	11.619
#1	.36146	.76295	.08204	.14870	-.00802	-.02374
#2	.36144	.76323	.08109	.14874	-.00882	-.02013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30462	--	--	--	--	--	--
SDev	52.32590	--	--	--	--	--	--
%RSD	.1717743	--	--	--	--	--	--
#1	30425	--	--	--	--	--	--
#2	30499	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-15-a Operator: SRP
Run Time: 01/21/12 12:48:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.377	.00379	.03018	1.9288	.00571	.03346	.00131
SDev	.655	.00082	.00036	.0151	.00001	.00090	.00001
%RSD	.80499	21.543	1.2010	.78521	.24634	2.6850	1.0405
#1	80.914	.00321	.03043	1.9181	.00570	.03410	.00130
#2	81.840	.00436	.02992	1.9395	.00572	.03283	.00132

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	337.44	.07944	.03600	.06338	73.496	.06734	.08459
SDev	1.86	.00050	.00003	.00044	.468	.00063	.00041
%RSD	.55190	.62380	.08852	.68726	.63642	.93636	.48591
#1	336.12	.07909	.03602	.06308	73.165	.06689	.08430
#2	338.75	.07979	.03597	.06369	73.827	.06778	.08488

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00441	22.188	1.9907	.00070	.08375	8.7142	22.093
SDev	.00306	.133	.0128	.00015	.00053	.0826	.148
%RSD	69.380	.59909	.64224	21.958	.62963	.94814	.67202
#1	-.00658	22.094	1.9817	.00059	.08337	8.6558	21.988
#2	-.00225	22.282	1.9998	.00081	.08412	8.7727	22.198

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00135	2.0427	2.2414	.37950	-.00443	.02701	.22774
SDev	.00004	.0759	.0243	.00299	.00070	.00069	.00168
%RSD	2.6965	3.7157	1.0840	.78894	15.899	2.5619	.73804
#1	-.00132	2.0964	2.2242	.37738	-.00493	.02750	.22655
#2	-.00138	1.9891	2.2586	.38162	-.00393	.02652	.22893

Analysis Report 01/21/12 12:52:19 PM page 33

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18791	.15266	.06471	.09453	-.00507	-.00409
SDev	.00143	.00093	.00056	.00034	.00018	.00469
%RSD	.76224	.60856	.86120	.35745	3.5752	114.57
#1	.18690	.15201	.06432	.09429	-.00494	-.00740
#2	.18892	.15332	.06511	.09476	-.00519	-.00078

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30524	--	--	--	--	--	--
SDev	157.6848	--	--	--	--	--	--
%RSD	.5165844	--	--	--	--	--	--
#1	30636	--	--	--	--	--	--
#2	30413	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48724-b-6-a Operator: SRP
Run Time: 01/21/12 12:52:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.927	.82054	1.1088	2.0546	.33133	.86037	.35796
SDev	.115	.00374	.0041	.0016	.00068	.00318	.00088
%RSD	.13877	.45530	.37100	.07748	.20605	.36949	.24588
#1	83.008	.81790	1.1059	2.0557	.33085	.85812	.35734
#2	82.846	.82319	1.1117	2.0535	.33181	.86261	.35858

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1643.5	.77878	.73990	.93623	194.00	1.1161	.86051
SDev	7.0	.00250	.00172	.00179	.41	.0023	.00131
%RSD	.42472	.32123	.23316	.19160	.21318	.20610	.15200
#1	1638.5	.77702	.73868	.93750	193.70	1.1177	.85959
#2	1648.4	.78055	.74112	.93496	194.29	1.1145	.86144

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74179	26.025	11.238	.76779	.94690	27.648	26.267
SDev	.00468	.044	.021	.00053	.00296	.117	.033
%RSD	.63070	.16873	.18959	.06904	.31210	.42479	.12736

#1	.73848	25.994	11.223	.76741	.94899	27.731	26.243
#2	.74510	26.056	11.253	.76816	.94481	27.565	26.290

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42428	17.142	20.105	13.139	.75482	.75644	1.0892
SDev	.00004	.136	.055	.020	.00315	.00189	.0009

%RSD	.00991	.79048	.27578	.15480	.41724	.25009	.08501
#1	.42431	17.237	20.144	13.153	.75705	.75511	1.0885
#2	.42425	17.046	20.066	13.125	.75260	.75778	1.0898

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4888	1.2934	.78567	.89793	.71112	.75712
SDev	.0014	.0029	.00066	.00229	.00800	.00302
%RSD	.09199	.22259	.08437	.25540	1.1253	.39845
#1	1.4878	1.2914	.78614	.89631	.70546	.75499
#2	1.4897	1.2955	.78521	.89956	.71678	.75925

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31602	--	--	--	--	--	--
SDev	.7071068	--	--	--	--	--	--
%RSD	.0022376	--	--	--	--	--	--
#1	31602	--	--	--	--	--	--
#2	31601	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48724-b-6-a@5 Operator: SRP
Run Time: 01/21/12 12:56:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.514	.00460	.06101	.29858	.00147	.01648	.00341
SDev	.041	.00047	.00082	.00026	.00007	.00034	.00004
%RSD	.24766	10.262	1.3406	.08796	4.6362	2.0808	1.1678
#1	16.543	.00493	.06043	.29876	.00142	.01672	.00338
#2	16.485	.00427	.06159	.29839	.00152	.01623	.00344

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	715.45	.03122	.02476	.03169	46.479	.01608	.04400
SDev	1.42	.00019	.00017	.00013	.070	.00016	.00153
%RSD	.19862	.60267	.70229	.39853	.15095	.99583	3.4844
#1	714.44	.03109	.02463	.03160	46.430	.01596	.04292
#2	716.45	.03136	.02488	.03178	46.529	.01619	.04508

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00106	4.9913	2.7228	.00776	.06458	2.2597	5.6706
SDev	.00148	.0046	.0031	.00160	.00092	.0010	.0160

%RSD	139.21	.09275	.11390	20.564	1.4173	.04482	.28278
#1	-.00002	4.9880	2.7206	.00889	.06393	2.2589	5.6820
#2	-.00211	4.9945	2.7250	.00663	.06523	2.2604	5.6593

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	1.4505	1.4840	2.5132	.00013	.00508	.08493
SDev	.00005	.0267	.0032	.0021	.00111	.00104	.00005
%RSD	8.0739	1.8385	.21295	.08501	870.62	20.501	.06217
#1	-.00072	1.4694	1.4862	2.5147	.00091	.00434	.08490
#2	-.00064	1.4317	1.4817	2.5117	-.00066	.00581	.08497

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18820	.12257	.03929	.04635	.00623	-.00471
SDev	.00018	.00010	.00138	.00161	.00076	.00184
%RSD	.09472	.07879	3.5069	3.4749	12.190	39.083
#1	.18807	.12264	.03832	.04521	.00676	-.00341
#2	.18832	.12250	.04027	.04749	.00569	-.00601

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28891	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.1027949	--	--	--	--	--	--
#1	28912	--	--	--	--	--	--
#2	28870	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/21/12 13:00:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13255	.01179	.01023	.01059	.00433	.01487	.00544
SDev	.00764	.00091	.00039	.00011	.00003	.00003	.00000
%RSD	5.7643	7.6931	3.8309	1.0774	.66641	.18119	.02339
#1	.13795	.01243	.01051	.01067	.00435	.01489	.00544
#2	.12715	.01115	.00995	.01051	.00431	.01485	.00544

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38370	.00976	.00976	.00833	.12458	.00889	.01094
SDev	.25177	.00011	.00013	.00052	.01006	.00000	.00043
%RSD	65.617	1.1255	1.3109	6.2953	8.0791	.03022	3.9652
#1	.56173	.00984	.00985	.00870	.13169	.00889	.01125
#2	.20567	.00968	.00967	.00796	.11746	.00889	.01064

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00912	.10484	.01100	.01087	.01054	.57186	.01986
SDev	.00155	.00030	.00084	.00100	.00012	.00301	.00702
%RSD	16.957	.28669	7.6214	9.1755	1.1381	.52605	35.382

#1	.00803	.10505	.01160	.01157	.01046	.56973	.02482
#2	.01021	.10463	.01041	.01016	.01063	.57398	.01489

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00522	.59636	.54656	.00591	.01002	.00928	.01038
SDev	.00031	.00672	.00032	.00073	.00067	.00082	.00009
%RSD	5.9814	1.1266	.05861	12.383	6.6946	8.8909	.86953
#1	.00500	.59161	.54679	.00643	.01050	.00986	.01044
#2	.00544	.60111	.54634	.00540	.00955	.00870	.01031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00990	.00599	.01314	.00984	.01161	.00788
SDev	.00015	.00002	.00188	.00159	.00293	.00085
%RSD	1.4829	.40644	14.318	16.172	25.237	10.857
#1	.01001	.00597	.01181	.01097	.00954	.00727
#2	.00980	.00601	.01447	.00872	.01368	.00848

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29526	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.2107478	--	--	--	--	--	--
#1	29570	--	--	--	--	--	--
#2	29482	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/21/12 13:03:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	479.58	-.00100	-.00522	.00165	-.00077	.00223	.00417
SDev	1.62	.00208	.00172	.00001	.00003	.00025	.00015
%RSD	.33762	208.18	32.936	.56644	4.0511	11.329	3.5135
#1	478.44	-.00247	-.00644	.00165	-.00075	.00241	.00406
#2	480.73	.00047	-.00401	.00166	-.00079	.00205	.00427

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	442.80	.00139	-.00002	.01128	188.84	.00447	.00755
SDev	1.29	.00022	.00081	.00003	.48	.00000	.00073
%RSD	.29106	15.846	4983.9	.30995	.25522	.05673	9.7253
#1	441.89	.00123	.00056	.01126	188.50	.00447	.00703
#2	443.71	.00155	-.00059	.01131	189.18	.00447	.00807

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01497	476.06	-.00715	-.00109	-.00005	.07300	.00997
SDev	.00054	1.50	.00000	.00055	.00062	.00006	.00070
%RSD	3.6349	.31567	.03324	50.744	1187.8	.08611	6.9893
#1	-.01458	475.00	-.00715	-.00070	.00038	.07295	.00948
#2	-.01535	477.12	-.00714	-.00148	-.00049	.07304	.01046

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	.04594	.21009	-.00870	.00793	-.00010	-.00255
SDev	.00025	.11465	.01520	.00002	.00343	.00106	.00004
%RSD	36.710	249.55	7.2375	.18601	43.255	1022.2	1.7224
#1	-.00050	.12701	.19934	-.00868	.01035	.00065	-.00258
#2	-.00084	-.03513	.22084	-.00871	.00550	-.00085	-.00252

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00442	-.00299	-.07597	.04931	.00378	-.02434
SDev	.00035	.00012	.00241	.00231	.00084	.00123
%RSD	8.0166	3.8734	3.1676	4.6739	22.126	5.0700
#1	.00417	-.00307	-.07427	.04768	.00319	-.02347
#2	.00467	-.00291	-.07767	.05094	.00437	-.02521

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26632	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1858571	--	--	--	--	--	--
#1	26667	--	--	--	--	--	--
#2	26597	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/21/12 13:07:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	488.22	1.0376	1.0253	1.0311	.44772	1.0380	.47589
SDev	.88	.0007	.0033	.0028	.00098	.0015	.00121
%RSD	.18047	.06639	.31998	.26939	.21866	.14023	.25451
#1	488.84	1.0380	1.0229	1.0331	.44841	1.0391	.47674
#2	487.60	1.0371	1.0276	1.0292	.44703	1.0370	.47503

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	446.45	.89732	.85424	1.0122	196.48	1.2435	.93180
SDev	.73	.00242	.00156	.0028	.38	.0023	.00147
%RSD	.16358	.26922	.18249	.27622	.19270	.18383	.15747

#1	446.97	.89903	.85534	1.0142	196.75	1.2451	.93284
#2	445.94	.89562	.85314	1.0103	196.22	1.2418	.93076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96491	481.32	.90422	.97698	.94452	14.699	.93122
SDev	.00707	1.23	.00242	.00297	.00704	.010	.00223
%RSD	.73311	.25467	.26803	.30387	.74523	.06786	.23956
#1	.96991	482.18	.90593	.97488	.94950	14.706	.93279
#2	.95991	480.45	.90251	.97907	.93955	14.692	.92964

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52059	12.253	13.748	.50227	1.0136	.94736	.96904
SDev	.00093	.006	.002	.00113	.0037	.00488	.00182
%RSD	.17960	.05222	.01783	.22592	.36497	.51568	.18757
#1	.52125	12.249	13.749	.50307	1.0162	.95081	.97033
#2	.51993	12.258	13.746	.50147	1.0109	.94391	.96776

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93350	.99637	.78274	1.0063	.92071	.98701
SDev	.00263	.00340	.00293	.0007	.02003	.00060
%RSD	.28198	.34154	.37433	.07313	2.1750	.06061
#1	.93536	.99878	.78481	1.0068	.93487	.98744
#2	.93164	.99396	.78067	1.0058	.90655	.98659

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26439	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.1444221	--	--	--	--	--	--
#1	26412	--	--	--	--	--	--
#2	26466	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 13:11:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5283	.51784	.51401	.62939	.48309	.51896	.52281
SDev	.0217	.00179	.00014	.00023	.00129	.00054	.00198
%RSD	.85860	.34632	.02781	.03632	.26660	.10359	.37931
#1	2.5437	.51657	.51411	.62922	.48218	.51858	.52140
#2	2.5130	.51910	.51391	.62955	.48400	.51934	.52421

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.279	.48408	.47993	.48516	2.6274	.48451	.49718
SDev	.029	.00125	.00131	.00072	.0040	.00030	.00092
%RSD	.22157	.25826	.27276	.14868	.15292	.06256	.18552
#1	13.258	.48320	.47901	.48465	2.6303	.48430	.49653
#2	13.300	.48497	.48086	.48567	2.6246	.48473	.49783

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50234	4.9380	.48732	.51833	.53232	12.594	.94296
SDev	.00707	.0059	.00096	.00137	.00199	.021	.00011
%RSD	1.4067	.12035	.19737	.26482	.37475	.16554	.01177
#1	.49735	4.9422	.48664	.51736	.53091	12.580	.94288
#2	.50734	4.9338	.48800	.51930	.53373	12.609	.94304

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24783	14.901	14.126	.41682	.54280	.49985	.51241
SDev	.00056	.020	.038	.00036	.00344	.00244	.00086
%RSD	.22494	.13574	.26885	.08602	.63280	.48826	.16799
#1	.24743	14.886	14.099	.41656	.54037	.50157	.51180
#2	.24822	14.915	14.153	.41707	.54523	.49812	.51302

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49467	.51994	.46511	.51322	.47180	.51767
SDev	.00060	.00145	.00356	.00040	.00706	.00707
%RSD	.12069	.27968	.76580	.07743	1.4959	1.3660
#1	.49425	.51891	.46259	.51350	.46681	.51267
#2	.49509	.52096	.46762	.51294	.47679	.52267

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28635	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.2024891	--	--	--	--	--	--
#1	28676	--	--	--	--	--	--
#2	28594	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 13:15:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05433	.00155	-.00070	.05695	-.00031	.00784	.00036
SDev	.00201	.00195	.00187	.00011	.00010	.00082	.00004

%RSD	3.6928	125.36	265.39	.19195	32.676	10.430	11.405

#1	.05575	.00018	-.00202	.05703	-.00023	.00842	.00038
#2	.05291	.00293	.00062	.05687	-.00038	.00726	.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30315	.00004	.00062	-.00122	.01647	.00215	.00156
SDev	.00360	.00007	.00004	.00006	.00025	.00003	.00005
%RSD	1.1889	157.35	6.0378	5.1219	1.5117	1.4141	3.1747

#1	.30570	.00009	.00059	-.00126	.01664	.00217	.00159
#2	.30061	-.00000	.00065	-.00117	.01629	.00212	.00152

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.03406	.00101	.00206	-.00023	.06890	-.00815
SDev	.00059	.00392	.00007	.00078	.00002	.01862	.00094
%RSD	144.76	11.506	7.4608	38.050	8.7565	27.029	11.483

#1	.00082	.03129	.00106	.00261	-.00024	.05573	-.00881
#2	-.00001	.03684	.00096	.00150	-.00021	.08207	-.00748

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.92635	.79632	.07819	.00258	.00021	.00028
SDev	.00003	.08712	.00072	.00010	.00237	.00027	.00003
%RSD	5.9843	9.4049	.09015	.12780	91.889	126.98	12.405

#1	.00050	.98796	.79682	.07826	.00426	.00002	.00025
#2	.00046	.86475	.79581	.07812	.00090	.00040	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	-.00416	.00270	.00099	.00037	.00043
SDev	.00024	.00012	.00185	.00100	.00017	.00079
%RSD	162.63	2.8857	68.552	100.98	47.799	186.40

#1	-.00002	-.00407	.00139	.00170	.00049	.00099
#2	.00032	-.00424	.00401	.00028	.00024	-.00014

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28536	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.1015940	--	--	--	--	--	--

#1	28557	--	--	--	--	--	--
#2	28516	--	--	--	--	--	--

Method: 20076010 01/23/12 01:39:14 PM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : B012312	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/23/12 01:47:10 PM page 1

Method: 20076010 Standard: S0
Run Time: 01/23/12 13:43:47

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01310	.00027	-.00031	-.00000	-.04480	.01650	.00383
SDev	.00018	.00120	.00043	.00025	.00087	.00014	.00215
%RSD	1.4047	445.24	141.42	83619.	1.9430	.84038	56.235
#1	.01323	-.00058	.00000	-.00018	-.04542	.01640	.00231
#2	.01297	.00111	-.00061	.00018	-.04419	.01660	.00535

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00560	-.00049	-.00043	.00248	.00401	.04525	.02305
SDev	.00001	.00033	.00005	.00020	.00215	.00088	.00048
%RSD	.21555	68.275	11.548	7.9599	53.700	1.9539	2.0793
#1	.00559	-.00072	-.00040	.00234	.00249	.04462	.02271
#2	.00560	-.00025	-.00047	.00262	.00553	.04587	.02339

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	-.00000	-.00007	.00014	.31985	.03643	-.00000	-.00128
SDev	.00010	.00025	.00051	.00733	.00021	.00036	.00038
%RSD	83620.	352.30	352.30	2.2905	.58837	83620.	30.106
#1	-.00007	-.00025	.00050	.31467	.03659	-.00025	-.00155
#2	.00007	.00011	-.00022	.32504	.03628	.00025	-.00101

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.15680	-.00115	-.00223	.00203	-.00376	-.00009	-.00016
SDev	.00367	.00020	.00026	.00034	.00059	.00003	.00013
%RSD	2.3410	17.442	11.643	16.506	15.799	28.514	78.733
#1	.15420	-.00101	-.00242	.00227	-.00418	-.00011	-.00025
#2	.15939	-.00129	-.00205	.00180	-.00334	-.00007	-.00007

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.01365	-.00651	-.00493	.00419

SDev	.00289	.00060	.00022	.00024
%RSD	21.194	9.1378	4.3681	5.7014
#1	.01161	-.00609	-.00508	.00436
#2	.01570	-.00693	-.00478	.00402

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27790	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2391797	--	--	--	--	--	--
#1	27743	--	--	--	--	--	--
#2	27837	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/23/12 13:47:22

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.0742	1.1073	1.1520	16.435	19.763	7.1217	12.159
SDev	.0316	.0342	.0347	.500	.589	.2073	.344
%RSD	2.9400	3.0900	3.0081	3.0405	2.9786	2.9114	2.8274
#1	1.0519	1.0831	1.1275	16.082	19.347	6.9751	11.916
#2	1.0966	1.1315	1.1765	16.788	20.179	7.2683	12.402

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.6729	2.1412	1.2558	1.5803	4.7627	24.211	1.1271
SDev	.0758	.0652	.0364	.0462	.1363	.699	.0325
%RSD	2.8348	3.0445	2.9017	2.9247	2.8620	2.8868	2.8879
#1	2.6193	2.0951	1.2300	1.5476	4.6663	23.716	1.1041
#2	2.7264	2.1873	1.2816	1.6129	4.8591	24.705	1.1501

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.9110	1.8196	5.8324	3.2748	.93658	.85748	.15634
SDev	.0558	.0570	.1408	.0855	.02304	.02437	.00328
%RSD	2.9185	3.1352	2.4137	2.6100	2.4604	2.8419	2.0962
#1	1.8716	1.7793	5.7329	3.2144	.92028	.84025	.15402
#2	1.9504	1.8600	5.9320	3.3352	.95287	.87471	.15865

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	19.945	50.769	.35689	2.5381	12.629	.58428	3.3184
SDev	.559	1.546	.01192	.0822	.383	.01752	.0997
%RSD	2.8043	3.0446	3.3387	3.2380	3.0332	2.9981	3.0052
#1	19.550	49.676	.34846	2.4800	12.358	.57189	3.2479
#2	20.341	51.861	.36531	2.5962	12.900	.59666	3.3889

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.6440	7.7460	1.1374	1.0976
SDev	.0926	.2375	.0328	.0353
%RSD	2.5419	3.0665	2.8795	3.2155
#1	3.5785	7.5780	1.1142	1.0726
#2	3.7095	7.9139	1.1605	1.1225

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27940	--	--	--	--	--	--
SDev	685.1865	--	--	--	--	--	--
%RSD	2.452306	--	--	--	--	--	--
#1	28425	--	--	--	--	--	--
#2	27456	--	--	--	--	--	--

01/23/12 01:50:53 PM page 3

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	18.8479	-.246879	01/23/12 01:47:22
Sb2068	206.838	STD	S0	1.81266	-.000487	01/23/12 01:47:22
As1890	189.042	STD	S0	1.71882	.000525	01/23/12 01:47:22
Ba4934	493.409	STD	S0	.121691	.000000	01/23/12 01:47:22
Be3130	313.042	STD	S0	.050517	.002263	01/23/12 01:47:22
B_2496	249.678	STD	S0	.281485	-.004644	01/23/12 01:47:22
Cd2265	226.502	STD	S0	.082431	-.000316	01/23/12 01:47:22
Ca3179	317.933	STD	S0	7.49833	-.041957	01/23/12 01:47:22
Cr2677	267.716	STD	S0	.933849	.000454	01/23/12 01:47:22
Co2286	228.616	STD	S0	1.59205	.000687	01/23/12 01:47:22
Cu3247	324.753	STD	S0	1.26693	-.003145	01/23/12 01:47:22
Fe2714	271.441	STD	S0	4.02881	-.016154	01/23/12 01:47:22
Li6707	670.784	STD	S0	.082763	-.003745	01/23/12 01:47:22
Pb2203	220.353		NONE	.000000	.000000	*01/23/12 01:47:22
Se1960	196.026		NONE	.000000	.000000	*01/23/12 01:47:22
Mg2790	279.078	STD	S0	18.1154	-.417511	01/23/12 01:47:22
Mn2576	257.610	STD	S0	1.04677	.000000	01/23/12 01:47:22
Mo2020	202.030	STD	S0	1.09909	.000079	01/23/12 01:47:22
Ni2316	231.604	STD	S0	.342919	-.000050	01/23/12 01:47:22
K_7664	766.491	STD	S0	6.76834	-2.16488	01/23/12 01:47:22
Si2881	288.158	STD	S0	2.20142	-.080207	01/23/12 01:47:22
Ag3280	328.068	STD	S0	1.16653	.000000	01/23/12 01:47:22
Na3302	330.232	STD	S0	126.892	.162155	01/23/12 01:47:22
Na5889	588.995	STD	S0	1.01070	-.158475	01/23/12 01:47:22
Sr4215	421.552	STD	S0	.019706	.000023	01/23/12 01:47:22
Tl1908	190.864	STD	S0	5.58714	.012467	01/23/12 01:47:22
Sn1899	189.989	STD	S0	.788630	-.001604	01/23/12 01:47:22
Ti3349	334.941	STD	S0	.158314	.000595	01/23/12 01:47:22
V_2924	292.402	STD	S0	3.38971	.000305	01/23/12 01:47:22
Zn2138	213.856	STD	S0	.603410	.000098	01/23/12 01:47:22
2203/1	220.351	STD	S0	.554126	-.007565	01/23/12 01:47:22
2203/2	220.352	STD	S0	.257016	.001674	01/23/12 01:47:22
1960/1	196.021	STD	S0	1.75307	.008643	01/23/12 01:47:22
1960/2	196.022	STD	S0	1.82539	-.007653	01/23/12 01:47:22

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	.000000	-.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/23/12 01:50:53 PM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/23/12 01:50:53 PM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/23/12 01:54:59 PM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/23/12 13:51:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.472	2.0411	2.0409	2.0610	1.0160	2.0442	1.0125

SDev	.130	.0121	.0183	.0114	.0069	.0124	.0077
%RSD	.63288	.59238	.89720	.55433	.68289	.60655	.75833
#1	20.564	2.0497	2.0538	2.0690	1.0209	2.0529	1.0179
#2	20.380	2.0326	2.0279	2.0529	1.0111	2.0354	1.0071

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.221	2.0286	2.0250	2.0481	20.326	2.0576	2.0247
SDev	.146	.0139	.0137	.0119	.135	.0131	.0111
%RSD	.72039	.68478	.67819	.58244	.66346	.63822	.54882
#1	20.324	2.0384	2.0347	2.0565	20.421	2.0669	2.0326
#2	20.118	2.0188	2.0153	2.0397	20.230	2.0483	2.0169

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0331	20.274	2.0294	2.0404	1.9877	20.578	2.0229
SDev	.0096	.147	.0135	.0148	.0190	.153	.0160
%RSD	.47135	.72531	.66706	.72442	.95560	.74453	.78910
#1	2.0399	20.378	2.0390	2.0509	2.0012	20.686	2.0342
#2	2.0264	20.170	2.0199	2.0300	1.9743	20.469	2.0116

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0191	20.361	20.525	1.0276	2.0384	2.0259	2.0481
SDev	.0066	.236	.149	.0060	.0058	.0151	.0126
%RSD	.64789	1.1605	.72679	.58182	.28614	.74324	.61732
#1	1.0237	20.528	20.631	1.0319	2.0425	2.0365	2.0570
#2	1.0144	20.194	20.420	1.0234	2.0343	2.0152	2.0392

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0355	2.0307	2.0083	2.0330	2.0235	2.0379
SDev	.0133	.0129	.0025	.0154	.0029	.0158
%RSD	.65125	.63493	.12578	.75778	.14380	.77675
#1	2.0449	2.0398	2.0101	2.0439	2.0215	2.0491
#2	2.0262	2.0216	2.0065	2.0221	2.0256	2.0267

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27208	--	--	--	--	--	--
SDev	96.16652	--	--	--	--	--	--
%RSD	.3534494	--	--	--	--	--	--

#1	27140	--	--	--	--	--	--
#2	27276	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/23/12 13:55:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5341	.50743	.50238	.50861	.50639	.50680	.50322
SDev	.0117	.00278	.00193	.00063	.00051	.00268	.00067
%RSD	.46282	.54770	.38375	.12392	.10143	.52974	.13371
#1	2.5424	.50939	.50375	.50906	.50675	.50870	.50275
#2	2.5258	.50546	.50102	.50817	.50603	.50490	.50370

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.549	.50037	.50187	.51310	2.5481	.47342	.50107
SDev	.020	.00116	.00104	.00128	.0068	.00106	.00050
%RSD	.16261	.23230	.20683	.25001	.26748	.22434	.09985
#1	12.564	.50120	.50261	.51401	2.5432	.47417	.50072
#2	12.535	.49955	.50114	.51219	2.5529	.47266	.50143

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51498	5.0164	.49530	.51285	.48449	12.230	.95596
SDev	.00175	.0084	.00087	.00232	.00248	.021	.00527
%RSD	.33901	.16837	.17485	.45190	.51256	.17320	.55085
#1	.51375	5.0223	.49591	.51449	.48625	12.245	.95969
#2	.51622	5.0104	.49469	.51121	.48274	12.215	.95224

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25043	12.792	12.154	.25278	.52220	.50915	.51330
SDev	.00060	.024	.046	.00028	.00187	.00091	.00049
%RSD	.23911	.18722	.38157	.10866	.35776	.17883	.09636
#1	.25085	12.809	12.187	.25297	.52352	.50850	.51365
#2	.25000	12.775	12.121	.25258	.52088	.50979	.51295

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50735	.51198	.49809	.50256	.51243	.51632
SDev	.00051	.00058	.00181	.00166	.00027	.00276
%RSD	.10041	.11369	.36312	.32928	.05318	.53359
#1	.50771	.51239	.49937	.50139	.51262	.51437
#2	.50699	.51157	.49682	.50373	.51224	.51826

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/23/12 01:58:51 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28056	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0630096	--	--	--	--	--	--
#1	28043	--	--	--	--	--	--
#2	28068	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/23/12 13:58:54

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01245	.00441	.00063	.00031	.00017	.00417	.00016
SDev	.00117	.00059	.00040	.00010	.00006	.00035	.00015
%RSD	9.3768	13.254	62.978	32.361	37.982	8.2871	96.562
#1	.01328	.00482	.00091	.00038	.00022	.00441	.00026
#2	.01163	.00400	.00035	.00024	.00012	.00393	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01030	.00096	-.00005	.00044	-.00351	.00011	.00023
SDev	.00156	.00023	.00041	.00025	.00926	.00001	.00112
%RSD	15.151	24.610	739.93	56.095	263.99	11.068	494.73
#1	.01140	.00112	.00023	.00062	.00304	.00012	.00102
#2	.00919	.00079	-.00034	.00027	-.01006	.00010	-.00056

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	-.00890	.00023	.00305	-.00016	-.06392	-.00132
SDev	.00065	.00021	.00011	.00197	.00047	.01562	.00112
%RSD	201.26	2.3262	46.822	64.547	291.93	24.434	84.473
#1	.00078	-.00876	.00030	.00444	.00017	-.07496	-.00053
#2	-.00014	-.00905	.00015	.00166	-.00049	-.05288	-.00211

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.10389	-.00523	.00022	.00776	-.00056	.00050
SDev	.00033	.04256	.00041	.00006	.00013	.00148	.00016
%RSD	311.22	40.964	7.8979	28.041	1.6659	263.38	32.224
#1	.00013	-.07380	-.00552	.00027	.00767	.00048	.00061
#2	-.00033	-.13398	-.00494	.00018	.00785	-.00160	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00029	-.00347	.00208	-.00198	.00147
SDev	.00036	.00018	.00129	.00103	.00190	.00002
%RSD	62.720	62.142	37.219	49.636	95.942	1.5381
#1	.00083	.00042	-.00256	.00280	-.00064	.00149

#2	.00032	.00016	-.00439	.00135	-.00332	.00145

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27908	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.2863037	--	--	--	--	--	--
#1	27965	--	--	--	--	--	--
#2	27852	--	--	--	--	--	--

Analysis Report Blank Sample 01/23/12 02:07:28 PM page 1

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/23/12 14:03:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10832	.01324	.01208	.01095	.00532	.01240	.00548
SDev	.00240	.00183	.00125	.00000	.00006	.00080	.00004
%RSD	2.2127	13.837	10.368	.02544	1.1523	6.4822	.78317
#1	.10662	.01453	.01120	.01095	.00537	.01296	.00551
#2	.11001	.01194	.01297	.01095	.00528	.01183	.00545

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10084	.01184	.01071	.01088	.10573	.00934	.01023
SDev	.00038	.00011	.00042	.00001	.00180	.00001	.00063
%RSD	.38159	.92274	3.9362	.09751	1.7016	.08612	6.1588
#1	.10112	.01176	.01041	.01087	.10446	.00935	.01067
#2	.10057	.01191	.01101	.01089	.10700	.00934	.00978

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00815	.11412	.01080	.01096	.01056	.62676	.00842
SDev	.00003	.00286	.00003	.00039	.00035	.01747	.00042
%RSD	.36712	2.5093	.28967	3.5798	3.2910	2.7870	5.0016
#1	.00818	.11210	.01078	.01124	.01031	.61441	.00813
#2	.00813	.11615	.01082	.01069	.01080	.63911	.00872

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00506	.56709	.55558	.00533	.01436	.00908	.01108
SDev	.00000	.04990	.00001	.00000	.00013	.00064	.00002
%RSD	.05393	8.7987	.00170	.01376	.93313	7.0923	.14328
#1	.00506	.60237	.55558	.00533	.01445	.00863	.01107
#2	.00505	.53181	.55559	.00532	.01426	.00954	.01109

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01117	.01114	.00637	.01216	.00205	.01121
SDev	.00032	.00003	.00181	.00185	.00055	.00032
%RSD	2.8204	.25471	28.398	15.209	26.800	2.8504
#1	.01095	.01112	.00509	.01346	.00166	.01143
#2	.01139	.01116	.00765	.01085	.00244	.01098

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27567	--	--	--	--	--	--
SDev	148.4924	--	--	--	--	--	--
%RSD	.5386601	--	--	--	--	--	--

Analysis Report Blank Sample 01/23/12 02:07:28 PM page 2

#1	27672	--	--	--	--	--	--
#2	27462	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/23/12 14:07:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	507.92	.00389	.00140	.00178	-.00025	-.00169	.00473
SDev	3.21	.00254	.00140	.00001	.00000	.00037	.00014
%RSD	.63132	65.327	99.974	.34724	1.3912	22.186	2.9258
#1	505.66	.00209	.00041	.00179	-.00024	-.00195	.00483
#2	510.19	.00568	.00239	.00178	-.00025	-.00142	.00464

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	462.50	.00219	-.00029	.01330	195.19	.00467	.01124
SDev	2.82	.00006	.00023	.00013	1.24	.00003	.00123
%RSD	.60961	2.7164	78.200	.95131	.63389	.65262	10.978
#1	460.50	.00215	-.00013	.01321	194.32	.00465	.01211
#2	464.49	.00223	-.00045	.01338	196.07	.00469	.01037

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01452	514.44	-.00774	.00071	.00027	.12644	.00773
SDev	.00453	3.55	.00000	.00224	.00028	.00785	.00203
%RSD	31.230	.69073	.00546	317.92	103.04	6.2111	26.289
#1	-.01131	511.93	-.00774	.00229	.00046	.12089	.00629
#2	-.01773	516.96	-.00774	-.00088	.00007	.13200	.00916

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00118	-.03904	.16848	-.00908	.00180	-.00273	-.00249
SDev	.00063	.10032	.00496	.00006	.00105	.00235	.00012
%RSD	53.040	257.00	2.9427	.62316	58.304	85.822	4.9634
#1	-.00074	.03190	.16498	-.00904	.00106	-.00107	-.00240
#2	-.00162	-.10997	.17199	-.00912	.00254	-.00439	-.00258

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00467	.00175	-.07525	.05449	-.00816	-.01770
SDev	.00009	.00009	.00547	.00459	.00086	.00723
%RSD	1.9599	5.1049	7.2680	8.4162	10.587	40.872
#1	.00461	.00169	-.07912	.05773	-.00877	-.01258
#2	.00474	.00181	-.07138	.05124	-.00755	-.02282

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/23/12 02:11:19 PM page 3

Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25254	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.4171887	--	--	--	--	--	--
#1	25329	--	--	--	--	--	--
#2	25180	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/23/12 14:11:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	516.79	1.0563	1.0500	1.0526	.49035	1.0613	.48750
SDev	1.66	.0107	.0113	.0042	.00150	.0072	.00126
%RSD	.32100	1.0164	1.0729	.39973	.30673	.67689	.25822
#1	515.62	1.0487	1.0421	1.0496	.48929	1.0562	.48661
#2	517.97	1.0639	1.0580	1.0555	.49142	1.0663	.48839

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	466.85	.96961	.93540	1.0852	203.61	1.2481	.98912
SDev	1.42	.00342	.00272	.0041	.75	.0033	.00457
%RSD	.30410	.35274	.29133	.37905	.36893	.26062	.46230
#1	465.85	.96720	.93347	1.0823	203.07	1.2458	.98589
#2	467.85	.97203	.93733	1.0881	204.14	1.2504	.99235

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0147	520.85	.96393	1.0068	.97225	14.710	.98141
SDev	.0085	1.63	.00372	.0047	.01979	.042	.00078
%RSD	.84099	.31292	.38612	.46216	2.0357	.28482	.07986
#1	1.0087	519.69	.96130	1.0036	.95826	14.681	.98086
#2	1.0207	522.00	.96657	1.0101	.98625	14.740	.98197

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54346	12.406	13.853	.51106	1.0008	1.0116	1.0076
SDev	.00146	.076	.023	.00187	.0054	.0017	.0039
%RSD	.26817	.61129	.16246	.36551	.54133	.16683	.38580
#1	.54243	12.353	13.837	.50974	.99700	1.0104	1.0049
#2	.54449	12.460	13.869	.51238	1.0047	1.0128	1.0104

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99496	1.0271	.89642	1.0355	1.0202	1.0119
SDev	.00405	.0040	.00098	.0073	.0137	.0060
%RSD	.40688	.38931	.10918	.70967	1.3413	.58880
#1	.99210	1.0242	.89712	1.0303	1.0106	1.0077

#2	.99783	1.0299	.89573	1.0407	1.0299	1.0161
IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25261	--	--	--	--	--	--
SDev	90.50967	--	--	--	--	--	--
%RSD	.3582980	--	--	--	--	--	--
#1	25325	--	--	--	--	--	--
#2	25197	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/23/12 14:15:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6672	.51606	.51094	.51507	.51130	.51127	.51713
SDev	.0616	.00613	.00142	.00285	.00363	.00212	.00439
%RSD	2.3113	1.1874	.27850	.55299	.70957	.41408	.84828
#1	2.6236	.52039	.51195	.51708	.51386	.51276	.52023
#2	2.7108	.51173	.50993	.51305	.50873	.50977	.51403

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.894	.50693	.50850	.51159	2.6485	.47764	.51237
SDev	.009	.00423	.00443	.00365	.0049	.00272	.00481
%RSD	.06905	.83473	.87183	.71280	.18328	.57028	.93820
#1	12.888	.50992	.51164	.51416	2.6451	.47957	.51577
#2	12.901	.50394	.50537	.50901	2.6520	.47572	.50897

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51821	5.2287	.50257	.51976	.55081	12.336	.95939
SDev	.00259	.0537	.00373	.00337	.00247	.079	.00894
%RSD	.50012	1.0280	.74175	.64753	.44774	.64181	.93211
#1	.52004	5.1907	.50521	.52214	.55255	12.392	.96572
#2	.51638	5.2667	.49993	.51738	.54907	12.280	.95307

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25333	12.913	12.136	.25779	.51822	.51949	.51880
SDev	.00138	.107	.057	.00143	.00192	.00334	.00327
%RSD	.54370	.83154	.46720	.55502	.36955	.64304	.63084
#1	.25431	12.988	12.176	.25880	.51687	.52185	.52112
#2	.25236	12.837	12.096	.25678	.51957	.51712	.51649

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51271	.52276	.50342	.51685	.51218	.52129

SDev	.00391	.00357	.00459	.00492	.00009	.00384
%RSD	.76326	.68320	.91118	.95136	.01816	.73694
#1	.51547	.52528	.50666	.52033	.51224	.52400
#2	.50994	.52023	.50017	.51338	.51211	.51857

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27454	--	--	--	--	--	--
SDev	224.1529	--	--	--	--	--	--
%RSD	.8164819	--	--	--	--	--	--
#1	27295	--	--	--	--	--	--
#2	27612	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/23/12 14:19:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04348	.00461	-.00237	.00783	.00031	.00306	.00026
SDev	.00822	.00115	.00102	.00010	.00004	.00011	.00003
%RSD	18.918	25.005	42.927	1.3226	11.650	3.4840	9.7247
#1	.03766	.00543	-.00165	.00775	.00028	.00299	.00024
#2	.04929	.00380	-.00309	.00790	.00033	.00314	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08364	.00066	-.00015	-.00006	-.00739	.00067	.00026
SDev	.00637	.00024	.00004	.00014	.01088	.00005	.00028
%RSD	7.6172	36.523	26.119	220.38	147.35	7.7729	109.86
#1	.07913	.00049	-.00018	-.00016	-.01508	.00063	.00046
#2	.08814	.00083	-.00012	.00003	.00031	.00070	.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.05111	.00047	.00271	-.00040	.07128	-.00738
SDev	.00166	.00822	.00008	.00034	.00010	.01185	.00040
%RSD	781.44	16.076	17.130	12.322	24.088	16.623	5.4861
#1	.00096	.04530	.00042	.00295	-.00034	.06290	-.00766
#2	-.00138	.05692	.00053	.00248	-.00047	.07966	-.00709

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	-.01992	.11653	.01038	.00556	-.00114	.00055
SDev	.00015	.03556	.00059	.00004	.00087	.00300	.00015
%RSD	18.960	178.51	.50329	.34460	15.687	262.46	27.513
#1	-.00089	-.04506	.11694	.01041	.00618	-.00326	.00044
#2	-.00068	.00522	.11611	.01036	.00495	.00098	.00065

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00060	-.00178	.00127	-.00184	.00060
SDev	.00000	.00009	.00081	.00002	.00078	.00209
%RSD	.66108	15.515	45.365	1.4723	42.645	349.01

#1	.00046	.00067	-.00121	.00129	-.00128	.00208	
#2	.00045	.00054	-.00235	.00126	-.00239	-.00088	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27524	--	--	--	--	--	--
SDev	45.25483	--	--	--	--	--	--
%RSD	.1644195	--	--	--	--	--	--
#1	27556	--	--	--	--	--	--
#2	27492	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48805-d-1-b@20 Operator: SRP
Run Time: 01/23/12 14:22:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03605	.00265	.00063	44.397	-.00030	2.7331	.00005
SDev	.00191	.00178	.00102	.057	.00001	.0013	.00003
%RSD	5.2849	67.328	162.71	.12914	4.7260	.04840	55.416
#1	.03470	.00391	.00135	44.356	-.00029	2.7341	.00007
#2	.03740	.00139	-.00009	44.437	-.00031	2.7322	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	213.56	.00008	.00421	.00023	2.7060	3.0367	-.00048
SDev	.79	.00058	.00022	.00057	.0051	.0074	.00094
%RSD	.36971	712.25	5.2385	246.47	.18814	.24340	195.87
#1	214.12	.00049	.00437	.00063	2.7096	3.0314	.00019
#2	213.01	-.00033	.00405	-.00017	2.7024	3.0419	-.00115

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	8.7465	.53980	.00153	.00005	48.197	1.3654
SDev	.00020	.0216	.00135	.00018	.00027	.168	.0026
%RSD	37.596	.24682	.25077	12.084	588.38	.34848	.18851
#1	-.00069	8.7618	.54076	.00166	.00024	48.078	1.3672
#2	-.00040	8.7313	.53884	.00140	-.00015	48.315	1.3636

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	1315.3	556.15	39.499	.01032	-.00032	-.00105
SDev	.00040	.9	1.15	.019	.00126	.00089	.00013

%RSD	42.545	.06479	.20693	.04696	12.220	281.86	12.123
#1	-.00065	1314.7	556.96	39.486	.01121	.00031	-.00096
#2	-.00121	1315.9	555.33	39.512	.00942	-.00094	-.00114

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00963	-.00527	.00192	.00125	-.00144
SDev	.00029	.00010	.00003	.00140	.00153	.00046

%RSD	1572.5	1.0235	.54945	72.977	122.32	31.794
#1	.00019	.00956	-.00525	.00290	.00017	-.00111
#2	-.00022	.00970	-.00529	.00093	.00233	-.00176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25082	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.1099502	--	--	--	--	--	--
#1	25101	--	--	--	--	--	--
#2	25062	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48805-d-2-b@20 Operator: SRP
Run Time: 01/23/12 14:26:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03422	.00338	-.00152	45.300	-.00034	2.8064	-.00010
SDev	.00211	.00050	.00010	.088	.00002	.0127	.00009
%RSD	6.1636	14.859	6.5815	.19324	4.8990	.45270	87.251
#1	.03273	.00374	-.00145	45.238	-.00035	2.7974	-.00004
#2	.03571	.00303	-.00159	45.362	-.00032	2.8154	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	219.49	.00012	.00435	-.00025	2.9432	3.0927	-.00089
SDev	1.63	.00005	.00010	.00004	.0193	.0043	.00001
%RSD	.74205	43.102	2.2095	16.880	.65563	.13845	1.3662
#1	218.34	.00008	.00429	-.00028	2.9296	3.0897	-.00089
#2	220.64	.00016	.00442	-.00022	2.9568	3.0958	-.00090

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00337	8.9698	.55411	.00080	-.00014	48.873	1.4242
SDev	.00254	.0581	.00308	.00052	.00065	.046	.0063
%RSD	75.479	.64774	.55659	65.490	469.16	.09502	.44328
#1	-.00157	8.9287	.55193	.00117	-.00059	48.906	1.4197
#2	-.00516	9.0109	.55629	.00043	.00032	48.840	1.4286

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	1337.7	564.36	39.384	.00620	-.00146	-.00124
SDev	.00023	3.2	4.80	.092	.00080	.00042	.00012
%RSD	29.841	.24047	.85000	.23385	12.861	28.795	9.5915
#1	-.00092	1335.5	560.96	39.319	.00677	-.00176	-.00116
#2	-.00060	1340.0	567.75	39.449	.00564	-.00116	-.00132

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00004	.00978	-.00340	.00036	.00004	-.00507
SDev	.00001	.00002	.00010	.00003	.00169	.00297
%RSD	12.694	.20523	3.0434	9.3354	4678.5	58.516
#1	.00005	.00979	-.00332	.00033	.00123	-.00297
#2	.00004	.00976	-.00347	.00038	-.00116	-.00717

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25178	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1853565	--	--	--	--	--	--
#1	25211	--	--	--	--	--	--
#2	25145	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48805-e-3-b@20 Operator: SRP
Run Time: 01/23/12 14:30:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04186	.00226	.00147	54.763	-.00033	2.8884	.00004
SDev	.00808	.00049	.00313	1.319	.00007	.0762	.00003
%RSD	19.295	21.477	213.50	2.4085	20.357	2.6394	74.721
#1	.03615	.00261	-.00075	53.830	-.00028	2.8345	.00006
#2	.04757	.00192	.00368	55.696	-.00038	2.9423	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.46	.00074	.00628	.00033	3.0360	3.4283	-.00095
SDev	6.96	.00030	.00016	.00049	.0823	.0683	.00006
%RSD	2.8346	40.352	2.4910	147.79	2.7122	1.9928	6.1647
#1	240.54	.00053	.00617	-.00001	2.9778	3.3800	-.00099
#2	250.38	.00095	.00639	.00068	3.0942	3.4766	-.00090

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00221	9.5800	.61042	-.00003	-.00028	55.565	1.3855
SDev	.00279	.2781	.01687	.00010	.00035	1.009	.0362
%RSD	126.20	2.9032	2.7634	305.16	123.68	1.8167	2.6144

#1	-.00024	9.3833	.59849	.00004	-.00053	54.851	1.3599
#2	-.00419	9.7767	.62234	-.00010	-.00004	56.279	1.4111
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00063	1508.8	599.29	39.756	.00866	-.00050	-.00125
SDev	.00031	34.8	15.43	1.122	.00326	.00048	.00006
%RSD	49.650	2.3096	2.5747	2.8232	37.617	95.859	4.8458
#1	-.00041	1484.2	588.38	38.962	.01096	-.00083	-.00121
#2	-.00085	1533.5	610.20	40.549	.00636	-.00016	-.00129

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.01159	-.00404	.00060	-.00031	-.00316
SDev	.00029	.00042	.00197	.00090	.00544	.00147
%RSD	57.002	3.6556	48.803	149.48	1733.7	46.481
#1	.00031	.01129	-.00543	.00124	.00353	-.00212
#2	.00072	.01189	-.00264	-.00003	-.00416	-.00420

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25076	--	--	--	--	--	--
SDev	701.4499	--	--	--	--	--	--
%RSD	2.797296	--	--	--	--	--	--
#1	25572	--	--	--	--	--	--
#2	24580	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48810-d-1-b@20 Operator: SRP
Run Time: 01/23/12 14:34:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04699	.00642	-.00034	80.112	-.00037	3.7192	.00037
SDev	.00862	.00336	.00011	.055	.00004	.0042	.00007
%RSD	18.339	52.310	33.033	.06913	11.593	.11266	19.509
#1	.04090	.00405	-.00042	80.151	-.00040	3.7222	.00042
#2	.05309	.00880	-.00026	80.073	-.00034	3.7162	.00032

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	419.82	.00094	.01052	.00062	5.3048	4.2497	-.00046
SDev	2.85	.00169	.00003	.00144	.0239	.0274	.00025
%RSD	.67784	180.52	.33729	231.00	.45024	.64397	53.717
#1	417.81	-.00026	.01055	-.00039	5.2879	4.2690	-.00064
#2	421.84	.00213	.01050	.00164	5.3217	4.2303	-.00029

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00111	22.707	.61230	.00109	.00001	67.529	1.3772
SDev	.00098	.098	.00209	.00030	.00027	.379	.0063
%RSD	88.554	.43112	.34167	27.981	3336.8	.56165	.45878
#1	-.00041	22.638	.61082	.00087	.00020	67.797	1.3728
#2	-.00180	22.777	.61378	.00130	-.00018	67.261	1.3817

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	2323.9	750.22	S24.586	.00912	-.00075	-.00238
SDev	.00021	5.7	9.01	26.183	.00406	.00187	.00054
%RSD	212.41	.24409	1.2004	106.50	44.501	248.58	22.905
#1	.00025	2327.9	743.85	S6.0718	.01199	.00057	-.00276

#2	-.00005	2319.9	756.58	43.100	.00625	-.00208	-.00199

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	.36162	-.00109	-.00015	.00365	-.00348
SDev	.00174	.00173	.00454	.00264	.00288	.00003
%RSD	156.38	.47873	416.10	1818.1	78.953	.87473
#1	-.00012	.36039	.00212	-.00201	.00568	-.00346
#2	.00235	.36284	-.00430	.00172	.00161	-.00351

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23476	--	--	--	--	--	--
SDev	144.2498	--	--	--	--	--	--
%RSD	.6144564	--	--	--	--	--	--
#1	23578	--	--	--	--	--	--
#2	23374	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48810-d-2-b@20 Operator: SRP
Run Time: 01/23/12 14:38:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04175	.00296	-.00201	89.901	-.00042	3.9259	.00046
SDev	.00547	.00402	.00184	.303	.00001	.0032	.00043
%RSD	13.115	136.11	91.620	.33731	1.2274	.08064	93.378
#1	.03788	.00011	-.00331	90.115	-.00042	3.9281	.00016
#2	.04562	.00580	-.00071	89.686	-.00041	3.9236	.00077

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	442.03	.00030	.01125	.00014	5.4750	4.6899	-.00019
SDev	3.43	.00056	.00177	.00047	.0712	.0578	.00089
%RSD	.77656	187.11	15.716	331.21	1.2996	1.2329	475.67

#1	439.60	-.00010	.01000	-.00019	5.4247	4.7308	.00044
#2	444.46	.00069	.01250	.00048	5.5254	4.6491	-.00082

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	24.029	.61734	.00027	.00048	72.862	1.4326
SDev	.00096	.100	.00200	.00085	.00151	.954	.0025
%RSD	117.20	.41707	.32411	319.56	312.22	1.3094	.17721
#1	-.00014	23.958	.61593	-.00034	-.00058	73.536	1.4343
#2	-.00149	24.099	.61876	.00087	.00155	72.187	1.4308

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	2494.2	749.71	S6.0040	.00916	-.00034	-.00278
SDev	.00174	17.7	7.47	.0330	.00298	.00090	.00023

%RSD	323.93	.70853	.99596	.55006	32.571	268.92	8.3768
#1	-.00177	2506.7	744.43	S5.9806	.00705	-.00097	-.00294
#2	.00069	2481.7	754.99	S6.0273	.01126	.00030	-.00261

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.47545	-.00446	.00195	.00187	-.00216
SDev	.00072	.00138	.00183	.00043	.00197	.00045
%RSD	1474.7	.29122	40.933	21.890	105.60	20.806
#1	-.00055	.47447	-.00317	.00225	.00326	-.00184
#2	.00046	.47643	-.00576	.00165	.00047	-.00248

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23673	--	--	--	--	--	--
SDev	125.8650	--	--	--	--	--	--
%RSD	.5316817	--	--	--	--	--	--
#1	23762	--	--	--	--	--	--
#2	23584	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48810-e-3-b@20 Operator: SRP
Run Time: 01/23/12 14:42:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04989	.00133	-.00060	65.614	-.00040	2.8733	-.00001
SDev	.00314	.00047	.00112	.497	.00000	.0161	.00025
%RSD	6.3030	35.093	186.04	.75721	.03782	.55899	2325.1
#1	.05211	.00166	-.00140	65.965	-.00040	2.8847	-.00019
#2	.04767	.00100	.00019	65.263	-.00040	2.8620	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	281.91	.00103	.00771	.00032	3.4829	3.4798	-.00127
SDev	.88	.00008	.00089	.00032	.0459	.0394	.00044
%RSD	.31042	7.5918	11.567	101.13	1.3190	1.1315	34.610
#1	281.29	.00098	.00708	.00009	3.4504	3.5076	-.00096
#2	282.53	.00109	.00834	.00054	3.5154	3.4519	-.00158

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00231	13.302	.41700	.00037	-.00019	43.236	1.2667
SDev	.00149	.011	.00052	.00003	.00064	.540	.0048
%RSD	64.255	.08340	.12340	8.6415	342.26	1.2481	.37591
#1	-.00336	13.294	.41736	.00039	-.00064	43.617	1.2701
#2	-.00126	13.310	.41664	.00034	.00027	42.854	1.2634

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	1525.2	604.54	S23.019	.00609	-.00111	-.00152
SDev	.00099	13.2	.59	24.313	.00254	.00096	.00015
%RSD	117.96	.86421	.09689	105.62	41.760	86.272	9.6782
#1	-.00155	1534.6	604.13	40.210	.00429	-.00179	-.00162
#2	-.00014	1515.9	604.96	S5.8271	.00789	-.00043	-.00142

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.02286	-.00597	.00108	-.00364	-.00165
SDev	.00029	.00001	.00504	.00318	.00942	.00248
%RSD	76.545	.04715	84.463	294.90	258.63	150.64
#1	.00017	.02287	-.00953	.00333	-.01030	.00011
#2	.00058	.02285	-.00240	-.00117	.00302	-.00340

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24928	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1588494	--	--	--	--	--	--
#1	24900	--	--	--	--	--	--
#2	24956	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/23/12 14:46:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5806	.50900	.50765	.52129	.49519	.51804	.51571
SDev	.0021	.00128	.00195	.00199	.00189	.00047	.00319

%RSD	.08185	.25050	.38405	.38216	.38150	.09139	.61919
#1	2.5791	.50810	.50903	.52269	.49385	.51838	.51345
#2	2.5821	.50991	.50627	.51988	.49652	.51771	.51797

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.609	.49558	.49731	.50335	2.6309	.48010	.50411
SDev	.060	.00149	.00118	.00028	.0497	.00000	.00243
%RSD	.47674	.29986	.23758	.05500	1.8895	.00017	.48202
#1	12.567	.49452	.49648	.50355	2.6660	.48010	.50239
#2	12.652	.49663	.49815	.50316	2.5957	.48010	.50583

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50935	5.0305	.49397	.51153	.52774	12.398	.94829
SDev	.00803	.0251	.00168	.00275	.00104	.017	.00117
%RSD	1.5762	.49825	.33973	.53796	.19728	.13310	.12304
#1	.50367	5.0128	.49279	.50959	.52701	12.410	.94911

#2	.51502	5.0482	.49516	.51348	.52848	12.386	.94746

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25175	13.278	12.350	.26018	.51959	.51240	.51218
SDev	.00132	.370	.023	.00203	.00271	.00201	.00070
%RSD	.52600	2.7838	.18757	.78184	.52077	.39306	.13623
#1	.25268	13.539	12.366	.26162	.51768	.51383	.51169
#2	.25081	13.016	12.333	.25874	.52151	.51098	.51267

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50327	.51957	.49505	.50863	.50160	.51328
SDev	.00102	.00184	.00391	.00560	.00093	.01158
%RSD	.20171	.35344	.78893	1.1005	.18442	2.2561
#1	.50256	.51827	.49782	.50468	.50095	.50509
#2	.50399	.52087	.49229	.51259	.50226	.52146

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27448	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0231859	--	--	--	--	--	--
#1	27452	--	--	--	--	--	--
#2	27443	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/23/12 14:49:54
Comment: TRACE 61E

Analysis Report Blank Sample 01/23/12 02:53:43 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05520	.00601	.00009	.00851	.00023	.00789	.00051
SDev	.00691	.00414	.00009	.00020	.00007	.00007	.00009
%RSD	12.523	68.790	96.586	2.3533	33.285	.93638	17.106
#1	.05031	.00309	.00015	.00865	.00028	.00794	.00057
#2	.06009	.00894	.00003	.00837	.00017	.00783	.00045

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07905	.00126	.00075	.00050	.03292	.00098	.00010
SDev	.00318	.00084	.00042	.00069	.02557	.00002	.00018
%RSD	4.0244	66.926	56.213	137.97	77.668	2.3724	186.08
#1	.08130	.00066	.00045	.00001	.01484	.00100	.00022
#2	.07680	.00185	.00105	.00098	.05100	.00097	-.00003

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	.06074	.00060	.00223	.00023	.16679	-.00482
SDev	.00048	.00563	.00003	.00031	.00074	.03542	.00310

%RSD	36.960	9.2680	4.1095	13.833	318.03	21.238	64.256
#1	.00164	.05676	.00062	.00245	-.00029	.14174	-.00701
#2	.00096	.06473	.00059	.00201	.00076	.19183	-.00263

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	.25709	.14652	.01106	.00777	.00254	.00077
SDev	.00025	.10089	.00470	.00025	.00312	.00065	.00012
%RSD	40.809	39.245	3.2102	2.2916	40.174	25.395	15.355
#1	.00043	.18575	.14985	.01124	.00997	.00300	.00068
#2	.00079	.32844	.14320	.01088	.00556	.00209	.00085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	.00070	-.00227	.00128	-.00002	.00196
SDev	.00054	.00003	.00012	.00033	.00019	.00081
%RSD	49.447	4.5639	5.3786	25.536	765.07	41.578
#1	.00071	.00072	-.00236	.00151	-.00016	.00253
#2	.00147	.00068	-.00218	.00105	.00011	.00138

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26800	--	--	--	--	--	--
SDev	127.9863	--	--	--	--	--	--
%RSD	.4775698	--	--	--	--	--	--
#1	26890	--	--	--	--	--	--
#2	26709	--	--	--	--	--	--

Analysis Report Blank Sample 01/23/12 02:53:43 PM page 15

Analysis Report 01/23/12 02:58:56 PM page 1

Method: 20076010 Sample Name: mb 600-69905/1-a Operator: SRP
Run Time: 01/23/12 14:55:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01713	.00372	-.00110	.00187	-.00020	.00546	-.00016
SDev	.00050	.00138	.00050	.00007	.00003	.00037	.00025
%RSD	2.9345	37.122	45.229	3.9452	16.065	6.7741	156.46
#1	.01678	.00275	-.00075	.00182	-.00018	.00572	-.00033
#2	.01749	.00470	-.00145	.00192	-.00022	.00520	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00407	.00056	-.00044	.00027	-.00172	.00026	.00035
SDev	.00040	.00010	.00008	.00030	.01506	.00003	.00006
%RSD	9.7157	17.603	19.130	110.60	874.21	9.8527	16.878
#1	.00379	.00063	-.00038	.00048	.00893	.00028	.00031
#2	.00435	.00049	-.00050	.00006	-.01237	.00025	.00039

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.02091	.00027	.00037	-.00114	.11704	-.00305
SDev	.00228	.00237	.00000	.00104	.00073	.01062	.00023
%RSD	1550.0	11.341	.01918	284.65	64.079	9.0767	7.6331
#1	.00176	.02259	.00027	-.00037	-.00062	.12455	-.00321
#2	-.00147	.01923	.00027	.00110	-.00166	.10953	-.00289

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	-.08333	.02926	.00044	.00488	-.00046	.00025
SDev	.00006	.01335	.00087	.00009	.00103	.00120	.00012
%RSD	10.112	16.016	2.9823	19.399	21.075	261.92	45.950
#1	-.00056	-.09277	.02987	.00038	.00561	.00039	.00034
#2	-.00065	-.07390	.02864	.00050	.00415	-.00131	.00017

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00197	-.00286	.00196	-.00476	.00260
SDev	.00001	.00002	.00191	.00104	.00530	.00077
%RSD	3.2326	.89933	66.664	53.305	111.41	29.686
#1	.00030	.00196	-.00151	.00122	-.00101	.00315
#2	.00032	.00199	-.00421	.00269	-.00851	.00206

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26878	--	--	--	--	--	--
SDev	.7071068	--	--	--	--	--	--
%RSD	.0026307	--	--	--	--	--	--

#1	26879	--	--	--	--	--	--
#2	26878	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69905/2-a Operator: SRP
Run Time: 01/23/12 14:58:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.158	1.0282	1.0329	1.0484	.50324	1.0397	.52767
SDev	.173	.0125	.0184	.0136	.00718	.0144	.00719
%RSD	1.7065	1.2167	1.7847	1.3009	1.4275	1.3804	1.3626
#1	10.281	1.0371	1.0459	1.0581	.50832	1.0498	.53275
#2	10.036	1.0194	1.0198	1.0388	.49816	1.0295	.52258

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.336	1.0085	1.0144	1.0093	10.466	.48121	1.0280
SDev	.153	.0148	.0153	.0163	.169	.00719	.0157
%RSD	1.4795	1.4702	1.5068	1.6164	1.6134	1.4941	1.5243

#1	10.444	1.0190	1.0252	1.0208	10.585	.48629	1.0391
#2	10.228	.99800	1.0036	.99772	10.346	.47612	1.0170

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0331	10.181	1.0077	1.0366	1.0688	10.127	.94834
SDev	.0101	.157	.0143	.0096	.0215	.175	.01506
%RSD	.97623	1.5447	1.4181	.92292	2.0136	1.7232	1.5878

#1	1.0403	10.292	1.0178	1.0434	1.0840	10.250	.95899
#2	1.0260	10.070	.99759	1.0299	1.0536	10.004	.93770

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51484	10.086	9.9432	.52283	1.0642	1.0281	1.0243
SDev	.00780	.371	.1636	.00706	.0100	.0146	.0144
%RSD	1.5148	3.6823	1.6453	1.3509	.94086	1.4227	1.4021

#1	.52035	10.348	10.059	.52782	1.0713	1.0384	1.0345
#2	.50933	9.8229	9.8275	.51783	1.0571	1.0178	1.0142

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0198	1.0553	.99960	1.0423	1.0140	1.0427
SDev	.0148	.0136	.01585	.0156	.0084	.0109
%RSD	1.4547	1.2906	1.5861	1.4947	.82597	1.0493

#1	1.0303	1.0649	1.0108	1.0533	1.0199	1.0504
#2	1.0093	1.0457	.98839	1.0313	1.0081	1.0349

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/23/12 03:02:47 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26832	--	--	--	--	--	--
SDev	244.6590	--	--	--	--	--	--
%RSD	.9118178	--	--	--	--	--	--

#1	26659	--	--	--	--	--	--
#2	27005	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-8-a Operator: SRP
Run Time: 01/23/12 15:02:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3493	.13928	.16384	.14682	.00018	.68750	.13481
SDev	.0041	.00079	.00034	.00010	.00002	.00067	.00067
%RSD	.12141	.56905	.20583	.06623	12.922	.09811	.49679

#1	3.3521	.13872	.16361	.14689	.00017	.68702	.13433
#2	3.3464	.13984	.16408	.14675	.00020	.68797	.13528

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	777.26	.00555	.02979	.20419	3.0511	.02995	4.8205
SDev	3.96	.00007	.00006	.00029	.0254	.00004	.0214
%RSD	.50901	1.2581	.19617	.14121	.83371	.12824	.44419
#1	774.46	.00550	.02975	.20439	3.0331	.02993	4.8054
#2	780.06	.00560	.02984	.20398	3.0691	.02998	4.8356

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03061	23.089	4.6797	.00599	.16477	5.7889	9.8414
SDev	.00036	.092	.0142	.00102	.00008	.0059	.0090
%RSD	1.1820	.39830	.30299	16.973	.04647	.10144	.09157
#1	.03086	23.024	4.6696	.00671	.16471	5.7848	9.8350
#2	.03035	23.154	4.6897	.00527	.16482	5.7931	9.8477

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	233.30	184.24	5.1551	.00336	.00696	.01738
SDev	.00007	.07	.23	.0034	.00407	.00082	.00018
%RSD	12.092	.03071	.12697	.06520	120.93	11.840	1.0236
#1	-.00050	233.25	184.41	5.1574	.00624	.00754	.01725
#2	-.00060	233.35	184.08	5.1527	.00049	.00638	.01751

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01760	.17444	4.6889	4.8863	.02650	.03266
SDev	.00004	.00100	.0290	.0176	.00197	.00153
%RSD	.24471	.57105	.61893	.36035	7.4133	4.6693
#1	.01763	.17373	4.6683	4.8739	.02511	.03374

#2	.01757	.17514	4.7094	4.8988	.02789	.03158	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25462	--	--	--	--	--	--
SDev	89.80256	--	--	--	--	--	--
%RSD	.3526994	--	--	--	--	--	--
#1	25525	--	--	--	--	--	--
#2	25398	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-13-a Operator: SRP
Run Time: 01/23/12 15:06:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5940	.00493	.00431	.26570	.00007	.15717	.00079
SDev	.0543	.00088	.00168	.00567	.00003	.00301	.00006
%RSD	2.0924	17.776	38.978	2.1349	41.487	1.9160	7.9087
#1	2.5556	.00554	.00550	.26169	.00010	.15504	.00075
#2	2.6324	.00431	.00312	.26971	.00005	.15930	.00084

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	642.30	.00453	.00724	.00717	1.6553	.01796	.01915
SDev	11.23	.00061	.00025	.00004	.0320	.00042	.00118
%RSD	1.7486	13.508	3.4149	.49535	1.9307	2.3686	6.1499
#1	634.36	.00497	.00707	.00715	1.6327	.01766	.01832
#2	650.25	.00410	.00742	.00720	1.6779	.01826	.01998

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00225	4.7126	1.2137	.00399	.01107	2.2934	8.6346
SDev	.00132	.0905	.0240	.00040	.00065	.0662	.1582
%RSD	58.768	1.9200	1.9787	9.9354	5.8495	2.8866	1.8317
#1	-.00132	4.6486	1.1967	.00427	.01153	2.2465	8.5228
#2	-.00319	4.7766	1.2307	.00371	.01061	2.3402	8.7464

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	89.675	82.379	3.5470	.00409	.00147	.01297
SDev	.00038	1.604	1.548	.0743	.00095	.00327	.00012
%RSD	69.134	1.7885	1.8786	2.0945	23.299	222.20	.92411
#1	-.00083	88.541	81.284	3.4945	.00342	.00379	.01289
#2	-.00028	90.809	83.473	3.5995	.00477	-.00084	.01306

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01969	.02951	.01219	.02263	-.00626	-.00024

SDev	.00004	.00074	.00592	.00119	.00011	.00193
%RSD	.22218	2.5210	48.533	5.2604	1.8014	790.89
#1	.01966	.02898	.00800	.02348	-.00618	.00112
#2	.01972	.03003	.01637	.02179	-.00634	-.00161

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25142	--	--	--	--	--	--
SDev	433.4565	--	--	--	--	--	--
%RSD	1.723999	--	--	--	--	--	--
#1	25449	--	--	--	--	--	--
#2	24836	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-16-a Operator: SRP
Run Time: 01/23/12 15:10:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.681	.00606	.01612	.10645	.00043	.13617	.00052
SDev	.253	.00031	.00031	.00250	.00003	.00323	.00000
%RSD	2.3689	5.1541	1.9052	2.3468	8.1715	2.3715	.78377
#1	10.502	.00584	.01634	.10468	.00046	.13389	.00052

#2	10.860	.00628	.01591	.10822	.00041	.13846	.00053
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	536.50	.01648	.01689	.00647	17.823	.04914	.01415
SDev	9.93	.00011	.00023	.00015	.388	.00128	.00099
%RSD	1.8512	.68291	1.3908	2.2620	2.1798	2.5961	7.0254
#1	529.47	.01656	.01673	.00657	17.548	.04824	.01345
#2	543.52	.01640	.01706	.00637	18.097	.05004	.01485
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00210	16.990	1.3740	.02579	.02486	8.0152	31.304
SDev	.00071	.347	.0285	.00005	.00022	.2172	.674
%RSD	33.884	2.0425	2.0771	.18067	.88410	2.7097	2.1520
#1	-.00260	16.745	1.3538	.02576	.02471	7.8616	30.828
#2	-.00160	17.235	1.3942	.02583	.02502	8.1687	31.781
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00121	126.82	110.60	5.7238	.00205	.00078	.08751
SDev	.00021	2.60	2.35	.1392	.00245	.00142	.00219
%RSD	16.938	2.0475	2.1290	2.4321	119.32	182.32	2.4982
#1	-.00136	124.98	108.94	5.6254	.00032	.00179	.08596
#2	-.00107	128.66	112.27	5.8223	.00379	-.00023	.08906

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02933	.07313	.00757	.01744	-.00415	-.00108
SDev	.00035	.00136	.00283	.00007	.00076	.00145
%RSD	1.1931	1.8648	37.424	.43110	18.324	134.60
#1	.02958	.07216	.00556	.01739	-.00361	-.00210
#2	.02908	.07409	.00957	.01749	-.00469	-.00005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25496	--	--	--	--	--	--
SDev	439.1133	--	--	--	--	--	--
%RSD	1.722249	--	--	--	--	--	--
#1	25807	--	--	--	--	--	--
#2	25186	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-17-a Operator: SRP
Run Time: 01/23/12 15:14:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04140	.00438	.00159	.00132	-.00029	.00476	-.00020
SDev	.00360	.00130	.00249	.00006	.00001	.00056	.00001
%RSD	8.6919	29.782	156.38	4.4357	3.1449	11.828	5.2562

#1	.04394	.00531	.00336	.00136	-.00030	.00515	-.00019
#2	.03885	.00346	-.00017	.00128	-.00028	.00436	-.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24976	.00099	-.00032	.00030	.13807	.00022	.00090
SDev	.00164	.00057	.00025	.00068	.01266	.00007	.00061
%RSD	.65610	57.085	77.404	230.55	9.1687	29.258	67.506

#1	.25092	.00139	-.00014	.00078	.14702	.00027	.00047
#2	.24860	.00059	-.00049	-.00019	.12912	.00018	.00133

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00097	.02601	.00167	.00055	-.00017	.11613	.03480
SDev	.00034	.00772	.00012	.00015	.00005	.04017	.00527
%RSD	35.032	29.684	7.1309	26.753	26.776	34.593	15.156

#1	-.00073	.03148	.00176	.00065	-.00020	.14454	.03853
#2	-.00120	.02055	.00159	.00045	-.00014	.08773	.03107

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	-.09914	.03611	.00160	.00272	-.00225	.00062
SDev	.00043	.04849	.00258	.00001	.00141	.00183	.00027

%RSD	75.793	48.914	7.1416	.31702	51.879	81.023	42.941

#1	-.00026	-.06485	.03793	.00160	.00372	-.00354	.00081
#2	-.00086	-.13343	.03429	.00161	.00172	-.00096	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.00206	-.00255	.00262	-.00611	.00161
SDev	.00036	.00018	.00048	.00115	.00427	.00264
%RSD	44.210	8.9088	18.711	43.796	69.884	164.44

#1	.00107	.00219	-.00221	.00181	-.00913	.00348
#2	.00056	.00193	-.00288	.00343	-.00309	-.00026

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26938	--	--	--	--	--	--
SDev	151.3209	--	--	--	--	--	--
%RSD	.5617375	--	--	--	--	--	--

#1	26831	--	--	--	--	--	--
#2	27045	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-17-b du Operator: SRP
Run Time: 01/23/12 15:18:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04231	.00273	-.00100	.00119	-.00029	.00414	-.00008

SDev	.00171	.00058	.00054	.00000	.00001	.00001	.00009
%RSD	4.0379	21.226	53.720	.15145	4.1810	.17966	104.75
#1	.04110	.00232	-.00138	.00119	-.00028	.00415	-.00014
#2	.04352	.00314	-.00062	.00119	-.00030	.00413	-.00002
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23391	.00077	-.00020	-.00018	.15695	.00028	.00159
SDev	.00214	.00010	.00000	.00015	.00310	.00004	.00092
%RSD	.91565	12.964	1.8716	83.136	1.9769	15.117	58.048
#1	.23240	.00070	-.00020	-.00028	.15476	.00025	.00094
#2	.23543	.00084	-.00020	-.00007	.15915	.00031	.00224
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	.03017	.00155	-.00000	-.00032	.15097	.03199
SDev	.00178	.00473	.00006	.00058	.00075	.02535	.00028
%RSD	128.73	15.679	3.9504	62594.	239.43	16.791	.87195
#1	.00012	.02683	.00151	-.00041	-.00085	.13305	.03219
#2	.00265	.03352	.00160	.00041	.00022	.16890	.03180

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	-.05209	.03307	.00148	-.00029	-.00241	.00061
SDev	.00009	.00423	.00163	.00005	.00039	.00247	.00004
%RSD	17.396	8.1186	4.9168	3.4524	135.05	102.16	6.8484
#1	-.00047	-.04910	.03192	.00144	-.00056	-.00067	.00058
#2	-.00061	-.05508	.03422	.00152	-.00001	-.00416	.00064
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00037	.00199	-.00085	.00281	-.00176	.00296	
SDev	.00008	.00018	.00157	.00060	.00143	.00196	
%RSD	22.612	9.1220	184.02	21.330	80.991	66.257	
#1	.00043	.00186	-.00196	.00239	-.00277	.00157	
#2	.00031	.00212	.00026	.00323	-.00075	.00435	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26950	--	--	--	--	--	--
SDev	113.1371	--	--	--	--	--	--
%RSD	.4198036	--	--	--	--	--	--
#1	27030	--	--	--	--	--	--
#2	26870	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-17-c ms Operator: SRP
Run Time: 01/23/12 15:22:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.108	1.0306	1.0152	1.0519	.48833	1.0337	.52013
SDev	.074	.0085	.0041	.0077	.00272	.0050	.00233
%RSD	.73017	.82259	.40568	.73466	.55785	.48090	.44891
#1	10.160	1.0366	1.0181	1.0573	.49025	1.0373	.52178
#2	10.056	1.0246	1.0123	1.0464	.48640	1.0302	.51848

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.333	.98775	.98982	.99888	10.453	.48397	1.0158
SDev	.052	.00437	.00595	.00876	.071	.00364	.0075
%RSD	.50147	.44260	.60094	.87667	.68248	.75254	.73833
#1	10.370	.99084	.99403	1.0051	10.504	.48654	1.0211
#2	10.297	.98466	.98561	.99269	10.403	.48139	1.0105

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0134	9.9584	.99041	1.0272	1.0884	10.243	.98215
SDev	.0034	.0513	.00587	.0017	.0126	.090	.00860
%RSD	.33807	.51524	.59294	.16287	1.1598	.87615	.87564

#1	1.0159	9.9947	.99456	1.0284	1.0973	10.307	.98823
#2	1.0110	9.9221	.98626	1.0260	1.0794	10.180	.97607

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51001	9.9444	10.044	.52524	1.0607	1.0062	1.0194
SDev	.00381	.2040	.085	.00364	.0005	.0055	.0057
%RSD	.74743	2.0515	.84942	.69293	.05040	.54184	.55638
#1	.51270	10.089	10.105	.52782	1.0603	1.0100	1.0234
#2	.50731	9.8002	9.9839	.52267	1.0611	1.0023	1.0154

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0039	1.0434	.98184	1.0328	.99226	1.0240
SDev	.0059	.0045	.01710	.0027	.00913	.0006
%RSD	.58790	.42886	1.7421	.26120	.92052	.05588
#1	1.0081	1.0466	.99394	1.0347	.99871	1.0244
#2	.99973	1.0402	.96975	1.0309	.98580	1.0236

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26574	--	--	--	--	--	--
SDev	159.8061	--	--	--	--	--	--
%RSD	.6013627	--	--	--	--	--	--
#1	26461	--	--	--	--	--	--
#2	26687	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-17-d msd Operator: SRP
Run Time: 01/23/12 15:25:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.075	1.0271	1.0251	1.0547	.49085	1.0337	.52454
SDev	.104	.0140	.0190	.0066	.00744	.0136	.00884
%RSD	1.0371	1.3657	1.8510	.62514	1.5158	1.3121	1.6857
#1	10.001	1.0172	1.0116	1.0501	.48559	1.0241	.51829
#2	10.149	1.0370	1.0385	1.0594	.49612	1.0433	.53079

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.419	.98930	.99385	.99420	10.504	.48246	1.0235
SDev	.170	.01595	.01549	.00737	.152	.00271	.0125
%RSD	1.6295	1.6125	1.5582	.74139	1.4444	.56164	1.2213
#1	10.299	.97802	.98290	.98899	10.397	.48054	1.0147
#2	10.539	1.0006	1.0048	.99942	10.611	.48438	1.0324

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0260	9.9920	.99366	1.0332	1.0738	10.177	.97392
SDev	.0115	.1614	.01368	.0190	.0145	.063	.01649
%RSD	1.1179	1.6151	1.3770	1.8365	1.3463	.62363	1.6935
#1	1.0179	9.8779	.98399	1.0197	1.0635	10.132	.96226
#2	1.0341	10.106	1.0033	1.0466	1.0840	10.222	.98558

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50861	10.026	10.019	.52504	1.0698	1.0101	1.0176
SDev	.00380	.032	.065	.00402	.0177	.0174	.0109
%RSD	.74643	.32111	.65363	.76491	1.6584	1.7257	1.0756
#1	.50592	10.049	9.9730	.52220	1.0572	.99776	1.0099
#2	.51129	10.004	10.066	.52788	1.0823	1.0224	1.0253

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0042	1.0497	.98936	1.0406	1.0065	1.0357
SDev	.0127	.0147	.00025	.0189	.0016	.0180
%RSD	1.2607	1.3982	.02549	1.8140	.15747	1.7376
#1	.99525	1.0393	.98954	1.0273	1.0077	1.0230
#2	1.0132	1.0601	.98918	1.0540	1.0054	1.0485

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27072	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1776125	--	--	--	--	--	--
#1	27106	--	--	--	--	--	--
#2	27038	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48593-a-1-e Operator: SRP

Run Time: 01/23/12 15:29:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8878	.00417	.00543	.13293	.00014	.03491	.00423
SDev	.0233	.00011	.00078	.00040	.00000	.00041	.00014
%RSD	.80613	2.6672	14.306	.30193	2.4091	1.1872	3.2262
#1	2.9042	.00425	.00488	.13322	.00014	.03521	.00414
#2	2.8713	.00409	.00598	.13265	.00014	.03462	.00433

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.021	.00437	.00135	.00881	1.7321	.00290	.02155
SDev	.042	.00042	.00026	.00014	.0105	.00001	.00037
%RSD	.07393	9.5484	19.079	1.6211	.60443	.32544	1.7049

#1	57.051	.00408	.00154	.00871	1.7395	.00290	.02181
#2	56.991	.00467	.00117	.00891	1.7247	.00291	.02129

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00269	3.9930	.11597	.00495	.00312	1.3555	7.0051
SDev	.00105	.0027	.00006	.00146	.00029	.0038	.0241
%RSD	38.913	.06644	.05603	29.476	9.3734	.27757	.34389
#1	.00195	3.9948	.11601	.00598	.00333	1.3581	7.0222
#2	.00344	3.9911	.11592	.00392	.00292	1.3528	6.9881

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	8.6361	8.0526	.13507	.00718	.00073	.01806
SDev	.00019	.1453	.0621	.00038	.00196	.00004	.00001
%RSD	84.265	1.6821	.77104	.27854	27.366	5.0578	.02987
#1	-.00009	8.7388	8.0965	.13534	.00579	.00071	.01807
#2	-.00036	8.5334	8.0087	.13481	.00856	.00076	.01806

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01239	.06648	.01795	.02335	.00297	.00256
SDev	.00023	.00003	.00106	.00002	.00369	.00027
%RSD	1.8723	.04382	5.9126	.08828	123.96	10.573
#1	.01223	.06646	.01870	.02337	.00037	.00275
#2	.01256	.06650	.01720	.02334	.00558	.00236

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26318	--	--	--	--	--	--
SDev	59.39697	--	--	--	--	--	--
%RSD	.2256895	--	--	--	--	--	--
#1	26276	--	--	--	--	--	--

#2	26360	--	--	--	--	--	--

Analysis Report Blank Sample 01/23/12 03:44:38 PM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/23/12 15:40:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5667	.52894	.51769	.52792	.49426	.52238	.53345
SDev	.0286	.00662	.00381	.00395	.00644	.00529	.00886
%RSD	1.1135	1.2506	.73561	.74837	1.3029	1.0118	1.6603
#1	2.5465	.52426	.51500	.52513	.48971	.51864	.52719
#2	2.5869	.53362	.52038	.53071	.49881	.52612	.53971

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.793	.50012	.49930	.49856	2.6288	.49239	.51617
SDev	.193	.00645	.00642	.00371	.0306	.00395	.00937
%RSD	1.5051	1.2888	1.2865	.74433	1.1633	.80250	1.8155
#1	12.657	.49556	.49476	.49594	2.6072	.48960	.50954
#2	12.929	.50468	.50384	.50119	2.6504	.49519	.52280

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51553	5.0456	.49903	.52371	.56442	12.743	.95600
SDev	.00750	.0790	.00594	.00609	.00859	.128	.00771
%RSD	1.4552	1.5654	1.1895	1.1626	1.5223	1.0006	.80702
#1	.51022	4.9898	.49483	.51940	.55834	12.653	.95054
#2	.52083	5.1015	.50322	.52801	.57050	12.833	.96145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25386	13.175	12.534	.26361	.54745	.51910	.51791
SDev	.00199	.107	.120	.00233	.01359	.00633	.00532
%RSD	.78266	.81134	.95411	.88519	2.4825	1.2200	1.0269
#1	.25246	13.100	12.450	.26196	.53784	.51462	.51415
#2	.25527	13.251	12.619	.26526	.55706	.52357	.52167

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50665	.53431	.49055	.52898	.50162	.52254
SDev	.00603	.00571	.00653	.01079	.00881	.00685
%RSD	1.1894	1.0690	1.3302	2.0404	1.7560	1.3108
#1	.50239	.53027	.48593	.52135	.49539	.51770
#2	.51091	.53835	.49516	.53661	.50785	.52738

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26474	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.2724367	--	--	--	--	--	--

#1	26423	--	--	--	--	--	--
#2	26525	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/23/12 15:44:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05671	.00499	.00001	.00514	-.00014	.00268	.00012
SDev	.00019	.00341	.00092	.00007	.00002	.00183	.00016
%RSD	.34110	68.331	6261.1	1.3191	15.044	68.439	137.78
#1	.05657	.00740	.00066	.00519	-.00013	.00398	.00023
#2	.05685	.00258	-.00063	.00509	-.00016	.00138	.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04363	.00056	-.00021	-.00074	-.00760	.00061	-.00030
SDev	.00074	.00040	.00059	.00037	.02967	.00006	.00118
%RSD	1.7002	70.941	282.80	49.756	390.29	9.7043	385.55
#1	.04415	.00084	.00021	-.00048	.01338	.00065	.00053
#2	.04310	.00028	-.00063	-.00101	-.02858	.00056	-.00114

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	.03819	.00031	.00235	-.00001	.10748	-.00862
SDev	.00041	.00644	.00000	.00157	.00047	.03090	.00136
%RSD	53.587	16.869	.10285	67.030	4267.7	28.746	15.779
#1	-.00106	.04275	.00031	.00346	.00032	.12933	-.00766
#2	-.00048	.03364	.00031	.00124	-.00035	.08564	-.00959

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	-.02846	.07174	.00678	.00565	-.00014	.00047
SDev	.00062	.14161	.00170	.00001	.00519	.00115	.00018
%RSD	354.04	497.56	2.3765	.15239	91.958	837.40	38.185
#1	.00026	.07167	.07294	.00678	.00932	-.00095	.00060
#2	-.00061	-.12860	.07053	.00677	.00198	.00068	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00033	-.00328	.00118	-.00166	-.00032
SDev	.00047	.00016	.00369	.00008	.00322	.00223
%RSD	89.701	48.126	112.53	6.8087	193.90	693.25
#1	.00085	.00044	-.00067	.00112	.00062	-.00189
#2	.00019	.00021	-.00588	.00124	-.00394	.00125

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26634	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.0637177	--	--	--	--	--	--
#1	26646	--	--	--	--	--	--
#2	26622	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48593-a-2-b Operator: SRP
Run Time: 01/23/12 15:48:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2710	.00462	.00035	.04335	-.00031	.05186	.00001
SDev	.0054	.00060	.00192	.00012	.00002	.00026	.00008
%RSD	.42876	12.873	546.77	.28648	6.1799	.49105	633.59
#1	1.2748	.00504	.00171	.04344	-.00033	.05168	.00007
#2	1.2671	.00420	-.00101	.04326	-.00030	.05204	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.282	.00169	.00084	.00428	.88102	.00131	.00110
SDev	.016	.00035	.00021	.00029	.01357	.00008	.00015
%RSD	.09094	20.508	25.375	6.6935	1.5404	6.2152	13.494
#1	17.271	.00144	.00099	.00408	.89061	.00125	.00120
#2	17.293	.00193	.00069	.00448	.87142	.00136	.00099

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00071	3.7621	.04243	.00607	.00181	4.2944	6.0990
SDev	.00200	.0045	.00013	.00031	.00027	.0040	.0026
%RSD	282.56	.12053	.29893	5.0890	14.913	.09294	.04189
#1	-.00213	3.7589	.04234	.00585	.00200	4.2973	6.1008
#2	.00071	3.7653	.04252	.00629	.00162	4.2916	6.0972

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	48.015	42.757	.05386	.00116	.00005	.00581
SDev	.00031	.010	.091	.00015	.00191	.00082	.00004
%RSD	141.21	.02153	.21308	.27578	164.29	1736.1	.66801
#1	-.00000	48.023	42.821	.05396	.00251	.00063	.00578
#2	-.00044	48.008	42.692	.05375	-.00019	-.00053	.00584

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00605	.05100	-.00050	.00190	-.00065	-.00074
SDev	.00008	.00007	.00102	.00029	.00456	.00529
%RSD	1.3295	.12902	203.10	15.145	696.89	717.52
#1	.00599	.05104	.00022	.00169	.00257	-.00447

Analysis Report 01/23/12 03:52:21 PM page 4

#2	.00611	.05095	-.00122	.00210	-.00388	.00300	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26524	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.2266069	--	--	--	--	--	--
#1	26481	--	--	--	--	--	--
#2	26566	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48607-b-1-b Operator: SRP
Run Time: 01/23/12 15:52:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0217	.00676	.00259	.06088	-.00030	.08115	.00116
SDev	.0073	.00219	.00086	.00016	.00004	.00051	.00018
%RSD	.71594	32.308	33.167	.27166	14.769	.63190	16.046
#1	1.0268	.00522	.00198	.06100	-.00033	.08151	.00129
#2	1.0165	.00831	.00320	.06076	-.00027	.08079	.00102

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.067	.00262	.00033	.08277	.97553	.00500	.06595
SDev	.108	.00018	.00000	.00012	.01741	.00000	.00006
%RSD	.39890	7.0292	.50260	.15014	1.7847	.00787	.08458
#1	27.144	.00275	.00033	.08286	.98784	.00500	.06599
#2	26.991	.00249	.00033	.08268	.96322	.00500	.06591

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	2.0980	.04584	.00498	.00372	2.4536	3.3593
SDev	.00073	.0163	.00015	.00017	.00047	.0143	.0192
%RSD	81.282	.77894	.33605	3.3864	12.505	.58289	.57185
#1	.00038	2.1096	.04595	.00510	.00404	2.4638	3.3728
#2	.00142	2.0865	.04573	.00486	.00339	2.4435	3.3457

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	3.6548	3.3834	.09924	.00327	.00224	.03013
SDev	.00031	.0363	.0049	.00032	.00168	.00059	.00115
%RSD	70.382	.99224	.14456	.32130	51.323	26.060	3.8345
#1	-.00022	3.6804	3.3869	.09947	.00208	.00266	.03095
#2	-.00066	3.6291	3.3800	.09902	.00446	.00183	.02931

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	.29017	.05868	.06958	.00057	.00107

Analysis Report 01/23/12 03:56:11 PM page 5

SDev	.00001	.00120	.00138	.00060	.00150	.00185
%RSD	.45799	.41296	2.3481	.86992	261.95	173.63

#1	.00291	.29102	.05966	.06915	.00164	-.00024
#2	.00290	.28932	.05771	.07001	-.00049	.00238

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26559	--	--	--	--	--	--
SDev	121.6224	--	--	--	--	--	--
%RSD	.4579328	--	--	--	--	--	--
#1	26473	--	--	--	--	--	--
#2	26645	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48607-b-2-b Operator: SRP
Run Time: 01/23/12 15:56:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3832	.00677	.00043	.07687	-.00028	.07978	.00127
SDev	.0137	.00061	.00064	.00070	.00004	.00100	.00001
%RSD	.99317	8.9679	146.45	.90638	12.901	1.2522	.36106
#1	1.3929	.00720	.00088	.07736	-.00030	.08048	.00127
#2	1.3735	.00634	-.00002	.07638	-.00025	.07907	.00128

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.550	.00357	.00051	.13721	1.3930	.00519	.10223
SDev	.349	.00034	.00017	.00076	.0142	.00007	.00170
%RSD	1.1421	9.4572	33.139	.55770	1.0207	1.3573	1.6587
#1	30.797	.00381	.00039	.13775	1.4030	.00524	.10343
#2	30.303	.00333	.00063	.13667	1.3829	.00514	.10103

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00172	2.3904	.06078	.00552	.00497	2.5085	4.0323
SDev	.00167	.0279	.00054	.00014	.00050	.0392	.0519
%RSD	97.138	1.1669	.88571	2.5837	10.021	1.5640	1.2859
#1	.00054	2.4102	.06116	.00542	.00532	2.5363	4.0689
#2	.00291	2.3707	.06040	.00562	.00462	2.4808	3.9956

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	3.6564	3.4498	.10381	.00085	.00530	.04293
SDev	.00012	.0098	.0271	.00091	.00315	.00046	.00136
%RSD	17.111	.26938	.78618	.87295	369.33	8.6691	3.1677
#1	-.00061	3.6633	3.4690	.10445	-.00138	.00497	.04197
#2	-.00078	3.6494	3.4306	.10317	.00309	.00562	.04389

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00396	.42445	.09385	.10643	-.00012	.00264

SDev	.00029	.00430	.00418	.00046	.00485	.00008
%RSD	7.2509	1.0138	4.4510	.42752	3965.0	3.1772
#1	.00416	.42749	.09680	.10675	-.00355	.00259
#2	.00375	.42140	.09089	.10610	.00331	.00270

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26855	--	--	--	--	--	--
SDev	152.7351	--	--	--	--	--	--
%RSD	.5687398	--	--	--	--	--	--
#1	26747	--	--	--	--	--	--
#2	26963	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48607-b-3-b Operator: SRP
Run Time: 01/23/12 16:00:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7225	.00742	.00410	.09708	-.00047	.09141	.00112
SDev	.1046	.00075	.00017	.00528	.00013	.00465	.00009
%RSD	6.0706	10.048	4.2403	5.4442	28.172	5.0906	7.9848
#1	1.6486	.00794	.00423	.09334	-.00037	.08812	.00106
#2	1.7964	.00689	.00398	.10081	-.00056	.09470	.00118

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.612	.00952	.00113	.13125	2.0824	.00610	.12246
SDev	1.703	.00005	.00007	.00748	.1173	.00046	.00555
%RSD	5.2230	.56372	6.0948	5.6962	5.6343	7.5986	4.5335
#1	31.408	.00948	.00117	.12597	1.9994	.00578	.11853
#2	33.817	.00955	.00108	.13654	2.1654	.00643	.12638

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	2.7840	.07636	.00592	.00757	2.9255	4.6846
SDev	.00388	.1644	.00414	.00030	.00026	.2129	.2625
%RSD	1307.0	5.9067	5.4176	5.0717	3.4370	7.2762	5.6041
#1	.00245	2.6677	.07343	.00570	.00776	2.7750	4.4990
#2	-.00304	2.9002	.07928	.00613	.00739	3.0760	4.8702

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	4.0204	3.7913	.11473	.00080	.00600	.05204
SDev	.00039	.1993	.1881	.00633	.00069	.00143	.00354

%RSD	64.466	4.9576	4.9602	5.5188	86.704	23.846	6.7943
#1	-.00089	3.8794	3.6583	.11025	.00129	.00701	.04954
#2	-.00033	4.1613	3.9243	.11920	.00031	.00499	.05454

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00518	.49414	.11522	.12607	-.00589	.00250
SDev	.00004	.02522	.00653	.00506	.00424	.00370
%RSD	.69534	5.1045	5.6708	4.0138	72.021	148.11
#1	.00515	.47631	.11060	.12250	-.00289	.00512
#2	.00520	.51198	.11984	.12965	-.00889	-.00012

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25354	--	--	--	--	--	--
SDev	1170.262	--	--	--	--	--	--
%RSD	4.615598	--	--	--	--	--	--
#1	26182	--	--	--	--	--	--
#2	24527	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48617-a-1-b Operator: SRP
Run Time: 01/23/12 16:03:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1720	.00315	-.00012	.07325	-.00018	.01781	-.00010
SDev	.0834	.00101	.00028	.00434	.00015	.00083	.00010
%RSD	7.1173	31.992	242.27	5.9229	79.272	4.6361	101.15
#1	1.2310	.00244	.00008	.07632	-.00029	.01839	-.00017
#2	1.1130	.00387	-.00032	.07018	-.00008	.01722	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.925	.00176	.00145	.09631	1.0197	.00470	.01310
SDev	3.916	.00009	.00013	.00638	.0504	.00037	.00182
%RSD	5.3701	4.9860	9.1222	6.6276	4.9453	7.7826	13.886
#1	75.694	.00170	.00135	.10083	1.0554	.00496	.01438
#2	70.156	.00182	.00154	.09180	.98407	.00445	.01181

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00275	1.3808	.16115	.00120	.00151	1.4281	2.5165
SDev	.00081	.0930	.00882	.00052	.00034	.1488	.1475
%RSD	29.639	6.7319	5.4752	43.492	22.618	10.421	5.8603
#1	-.00332	1.4465	.16739	.00083	.00127	1.5333	2.6207
#2	-.00217	1.3151	.15491	.00157	.00175	1.3228	2.4122

Analysis Report 01/23/12 04:07:44 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	2.9830	2.8179	.26807	.00056	-.00079	.03063
SDev	.00020	.0300	.1717	.01578	.00315	.00123	.00382
%RSD	51.052	1.0058	6.0929	5.8878	561.94	154.93	12.462
#1	-.00053	3.0042	2.9393	.27923	-.00167	.00008	.03333
#2	-.00025	2.9617	2.6965	.25691	.00279	-.00166	.02793

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00469	.15536	.01150	.01389	-.00601	-.00112
SDev	.00019	.00831	.00016	.00281	.00426	.00091
%RSD	4.0529	5.3466	1.3994	20.215	70.912	81.572
#1	.00482	.16124	.01139	.01588	-.00902	-.00047
#2	.00456	.14949	.01162	.01191	-.00300	-.00176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27154	--	--	--	--	--	--
SDev	1211.274	--	--	--	--	--	--
%RSD	4.460675	--	--	--	--	--	--
#1	26298	--	--	--	--	--	--
#2	28011	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48617-a-2-b Operator: SRP
Run Time: 01/23/12 16:07:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3146	.00554	.00064	.06990	-.00024	.01857	-.00027
SDev	.0069	.00086	.00060	.00006	.00001	.00029	.00001
%RSD	.52213	15.545	93.572	.08462	2.7164	1.5701	4.4446
#1	1.3195	.00493	.00022	.06994	-.00024	.01878	-.00026
#2	1.3098	.00615	.00107	.06985	-.00023	.01837	-.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.070	.00221	.00078	.20966	1.1392	.00439	.01271
SDev	.139	.00002	.00021	.00001	.0027	.00003	.00015
%RSD	.27270	.88947	27.511	.00499	.23324	.77661	1.1784
#1	51.169	.00220	.00063	.20967	1.1373	.00442	.01282
#2	50.972	.00223	.00093	.20965	1.1411	.00437	.01261

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00121	1.3012	.16087	.00025	.00094	1.4921	2.8687
SDev	.00141	.0063	.00044	.00059	.00059	.0148	.0245
%RSD	116.21	.48389	.27452	239.09	62.394	.99080	.85332

#1	-.00221	1.3057	.16118	.00067	.00135	1.5026	2.8860
#2	-.00022	1.2968	.16055	-.00017	.00052	1.4817	2.8514

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	2.6428	2.5732	.23169	-.00211	-.00129	.03321
SDev	.00019	.0572	.0041	.00013	.00125	.00155	.00024
%RSD	20.503	2.1653	.15987	.05560	59.190	119.99	.72759

#1	-.00107	2.6024	2.5702	.23178	-.00299	-.00239	.03338
#2	-.00080	2.6833	2.5761	.23160	-.00123	-.00020	.03304

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00528	.14858	.00961	.01426	-.00603	.00119
SDev	.00011	.00041	.00308	.00132	.00033	.00228
%RSD	2.1287	.27712	32.061	9.2244	5.5056	191.27
#1	.00536	.14887	.01179	.01333	-.00580	-.00042
#2	.00520	.14829	.00743	.01519	-.00627	.00281

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26266	--	--	--	--	--	--
SDev	81.31728	--	--	--	--	--	--
%RSD	.3095973	--	--	--	--	--	--
#1	26208	--	--	--	--	--	--
#2	26323	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48616-a-1-b Operator: SRP
Run Time: 01/23/12 16:11:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.0928	.00185	.00333	.25301	-.00010	.02077	-.00006
SDev	.0151	.00739	.00310	.00042	.00011	.00082	.00015
%RSD	.16639	398.96	93.128	.16585	103.05	3.9410	242.04
#1	9.1035	-.00337	.00114	.25331	-.00018	.02019	.00004
#2	9.0821	.00708	.00552	.25272	-.00003	.02135	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.13	.01734	.00354	.02151	7.8641	.00776	.03125
SDev	.41	.00169	.00053	.00116	.0045	.00001	.00009
%RSD	.40854	9.7438	15.114	5.3769	.05752	.11402	.28764
#1	100.83	.01615	.00392	.02069	7.8673	.00776	.03132
#2	101.42	.01854	.00316	.02233	7.8609	.00775	.03119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	3.5340	.19343	.00492	.02725	3.4658	20.273
SDev	.00145	.0166	.00081	.00083	.00032	.0188	.048
%RSD	1125.2	.46899	.41997	16.957	1.1921	.54318	.23830
#1	.00090	3.5223	.19285	.00551	.02747	3.4791	20.239
#2	-.00115	3.5458	.19400	.00433	.02702	3.4525	20.307

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	3.4098	3.4576	.21585	.00319	.00054	.11300
SDev	.00062	.0916	.0176	.00025	.00009	.00047	.00033

%RSD	77.979	2.6864	.50982	.11450	2.6678	87.288	.29478
#1	-.00036	3.4746	3.4701	.21603	.00325	.00021	.11277
#2	-.00124	3.3450	3.4451	.21568	.00313	.00088	.11324

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01222	.09616	.02302	.03537	-.00719	.00340
SDev	.00137	.00036	.00511	.00242	.00815	.00190
%RSD	11.187	.37393	22.214	6.8461	113.36	55.848
#1	.01126	.09591	.02663	.03366	-.00143	.00206
#2	.01319	.09641	.01940	.03708	-.01295	.00474

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26259	--	--	--	--	--	--
SDev	188.0904	--	--	--	--	--	--
%RSD	.7162893	--	--	--	--	--	--
#1	26126	--	--	--	--	--	--
#2	26392	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48618-b-1-e Operator: SRP
Run Time: 01/23/12 16:15:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22514	.00382	.00187	.03698	.00036	.03203	.00009
SDev	.01756	.00056	.00222	.00140	.00007	.00201	.00001
%RSD	7.8012	14.768	118.74	3.7936	20.178	6.2695	8.6365
#1	.23755	.00422	.00030	.03797	.00031	.03345	.00009
#2	.21272	.00342	.00344	.03599	.00041	.03061	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	197.40	.00239	.00010	.00361	.34333	.00166	.00779
SDev	7.79	.00012	.00010	.00006	.02139	.00022	.00053
%RSD	3.9447	4.8427	97.388	1.5467	6.2290	13.144	6.8323

#1	202.91	.00231	.00017	.00365	.35845	.00182	.00817
#2	191.90	.00247	.00003	.00357	.32821	.00151	.00742

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.32509	.01267	.00481	.00360	.27676	.69083
SDev	.00172	.02780	.00054	.00044	.00006	.08640	.02863
%RSD	631.00	8.5500	4.2364	9.2522	1.7730	31.218	4.1448
#1	-.00149	.34475	.01305	.00513	.00364	.33786	.71108
#2	.00094	.30544	.01229	.00450	.00355	.21567	.67058

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00074	1.2056	1.2726	.10784	.00299	.00073	.00684
SDev	.00003	.1136	.0551	.00430	.00090	.00005	.00055
%RSD	4.2435	9.4258	4.3316	3.9870	30.102	6.1939	8.0892
#1	-.00072	1.2860	1.3116	.11088	.00235	.00076	.00723
#2	-.00076	1.1253	1.2336	.10480	.00363	.00070	.00645

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	.02865	.00304	.01017	-.00538	.00228
SDev	.00003	.00103	.00156	.00002	.00269	.00123
%RSD	2.1686	3.6009	51.539	.15865	50.058	53.916
#1	.00158	.02938	.00414	.01019	-.00728	.00141
#2	.00163	.02792	.00193	.01016	-.00347	.00315

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28390	--	--	--	--	--	--
SDev	1028.133	--	--	--	--	--	--
%RSD	3.621463	--	--	--	--	--	--
#1	27663	--	--	--	--	--	--
#2	29117	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48619-a-1-b Operator: SRP
Run Time: 01/23/12 16:19:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51445	.00616	.00022	.11869	-.00036	.05334	-.00007
SDev	.00279	.00350	.00130	.00026	.00001	.00058	.00006
%RSD	.54138	56.840	592.73	.21637	3.1721	1.0850	93.540
#1	.51248	.00368	-.00070	.11850	-.00036	.05293	-.00002
#2	.51642	.00863	.00114	.11887	-.00035	.05375	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.509	.00164	.00011	.00501	.44961	.00218	.00166
SDev	.068	.00074	.00082	.00033	.02529	.00001	.00056
%RSD	.14543	44.725	741.68	6.5378	5.6248	.36774	33.551
#1	46.557	.00112	.00069	.00478	.46749	.00217	.00127
#2	46.461	.00216	-.00047	.00524	.43173	.00218	.00206

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	3.2174	.05232	.00152	.00039	2.5332	3.8756
SDev	.00159	.0087	.00000	.00055	.00072	.0032	.0057
%RSD	240.09	.26963	.00088	36.292	183.05	.12538	.14748
#1	-.00046	3.2235	.05232	.00191	.00090	2.5309	3.8797

#2	.00179	3.2112	.05232	.00113	-.00012	2.5354	3.8716

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00098	6.7907	6.3396	.11533	-.00211	.00085	.00253
SDev	.00051	.1957	.0265	.00011	.00085	.00011	.00022
%RSD	52.041	2.8815	.41848	.09185	40.291	12.902	8.5932
#1	-.00062	6.9290	6.3584	.11526	-.00151	.00093	.00238
#2	-.00134	6.6523	6.3209	.11541	-.00271	.00077	.00269

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00367	.18232	-.00566	.00532	-.00649	.00424
SDev	.00075	.00000	.00562	.00365	.00538	.00508
%RSD	20.340	.00199	99.377	68.535	82.919	119.79
#1	.00314	.18232	-.00168	.00274	-.00268	.00065
#2	.00420	.18232	-.00964	.00790	-.01029	.00783

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26329	--	--	--	--	--	--
SDev	183.8478	--	--	--	--	--	--
%RSD	.6982710	--	--	--	--	--	--
#1	26459	--	--	--	--	--	--
#2	26199	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48660-c-1-a Operator: SRP
Run Time: 01/23/12 16:23:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8621	.00611	.00268	.05027	-.00060	.06067	-.00022
SDev	.0106	.00089	.00156	.00008	.00002	.00037	.00001

%RSD	.57144	14.604	58.233	.15302	3.0292	.60568	3.4222
#1	1.8546	.00548	.00379	.05021	-.00061	.06093	-.00021
#2	1.8696	.00674	.00158	.05032	-.00058	.06041	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.650	.00119	.00059	.00310	.38532	.00470	.01347
SDev	.071	.00008	.00005	.00006	.00598	.00000	.00004
%RSD	.12702	6.8257	7.6972	1.9688	1.5518	.06137	.32273
#1	55.600	.00113	.00062	.00314	.38109	.00470	.01344
#2	55.700	.00124	.00056	.00306	.38954	.00470	.01350

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00278	31.499	.09341	.00342	.01020	19.347	5.8348
SDev	.00162	.023	.00028	.00003	.00032	.018	.0160

%RSD	58.489	.07284	.30199	.74515	3.1410	.09351	.27494
#1	-.00393	31.483	.09321	.00344	.00998	19.335	5.8235
#2	-.00163	31.515	.09361	.00340	.01043	19.360	5.8462

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	916.96	477.10	.15787	.00274	.00075	.00176
SDev	.00033	1.12	1.19	.00023	.00034	.00212	.00031
%RSD	100.98	.12244	.24946	.14813	12.228	282.63	17.509
#1	-.00056	916.17	476.26	.15771	.00298	-.00075	.00154
#2	-.00009	917.75	477.94	.15804	.00250	.00224	.00198

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00252	.11484	.01016	.01512	-.00516	-.00159
SDev	.00000	.00059	.00137	.00062	.00277	.00105
%RSD	.14076	.51717	13.459	4.0915	53.668	66.342
#1	.00252	.11442	.00920	.01556	-.00712	-.00233
#2	.00252	.11526	.01113	.01468	-.00320	-.00084

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24832	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1737048	--	--	--	--	--	--
#1	24862	--	--	--	--	--	--
#2	24801	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/23/12 16:27:02
Comment: TRACE 61E

Analysis Report Blank Sample 01/23/12 04:30:49 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5541	.53415	.51734	.53155	.48506	.52187	.54080
SDev	.0062	.00440	.00031	.00079	.00125	.00121	.00211
%RSD	.24219	.82364	.05991	.14902	.25818	.23199	.39028
#1	2.5498	.53726	.51756	.53099	.48595	.52101	.54230
#2	2.5585	.53104	.51712	.53211	.48418	.52273	.53931

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.769	.49521	.49523	.48970	2.6223	.49447	.51599
SDev	.048	.00069	.00217	.00073	.0333	.00073	.00192
%RSD	.37527	.13960	.43788	.14942	1.2703	.14803	.37224
#1	12.803	.49570	.49676	.48918	2.6458	.49395	.51735
#2	12.735	.49472	.49370	.49022	2.5987	.49499	.51463

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51429	5.0140	.49765	.52025	.53853	12.801	.97155
SDev	.00089	.0121	.00112	.00352	.00434	.006	.00568
%RSD	.17276	.24052	.22533	.67693	.80566	.04709	.58434
#1	.51366	5.0225	.49844	.51776	.54160	12.805	.97557
#2	.51492	5.0054	.49686	.52274	.53546	12.796	.96754

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25168	13.024	12.573	.26554	.54803	.51724	.51620
SDev	.00111	.108	.032	.00037	.00507	.00147	.00030
%RSD	.44263	.82997	.25362	.13855	.92486	.28494	.05856
#1	.25246	13.100	12.551	.26528	.54445	.51828	.51642
#2	.25089	12.948	12.596	.26580	.55162	.51619	.51599

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50260	.53722	.48783	.53007	.49377	.52461
SDev	.00084	.00096	.00301	.00138	.00074	.00170
%RSD	.16750	.17903	.61668	.25977	.15069	.32495
#1	.50320	.53790	.48996	.53104	.49430	.52340
#2	.50201	.53654	.48570	.52909	.49325	.52581

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26327	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2309841	--	--	--	--	--	--
#1	26284	--	--	--	--	--	--
#2	26370	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/23/12 16:30:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06675	.00483	.00073	.00542	.00001	.00214	.00035
SDev	.00037	.00106	.00162	.00004	.00005	.00091	.00004
%RSD	.55774	22.016	222.12	.68802	329.92	42.657	10.467
#1	.06701	.00408	-.00042	.00544	.00005	.00278	.00032
#2	.06648	.00558	.00188	.00539	-.00002	.00149	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04842	.00129	.00010	-.00051	-.01453	.00080	.00072
SDev	.00002	.00034	.00033	.00013	.01951	.00001	.00003
%RSD	.03907	26.570	345.88	24.824	134.28	1.6015	3.9460
#1	.04843	.00153	-.00014	-.00042	-.02833	.00081	.00070

#2	.04840	.00104	.00033	-.00060	-.00073	.00079	.00074

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	.04238	.00062	.00139	.00034	.11273	-.00497
SDev	.00137	.00233	.00005	.00012	.00030	.00520	.00159
%RSD	94.534	5.5051	8.6592	8.5172	87.846	4.6105	31.967
#1	.00242	.04073	.00066	.00130	.00013	.10905	-.00385
#2	.00048	.04403	.00058	.00147	.00055	.11640	-.00610

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.00498	.07930	.00693	.00271	.00045	.00081
SDev	.00089	.17630	.00075	.00003	.00002	.00195	.00010
%RSD	216.30	3536.7	.94914	.40096	.74849	434.87	12.314
#1	-.00104	-.12965	.07983	.00695	.00273	-.00093	.00088
#2	.00022	.11968	.07877	.00691	.00270	.00183	.00074

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00065	-.00370	.00292	-.00216	.00326
SDev	.00026	.00014	.00197	.00094	.00274	.00343
%RSD	23.260	22.186	53.338	32.238	126.67	105.22
#1	.00132	.00075	-.00509	.00359	-.00410	.00568
#2	.00095	.00055	-.00230	.00226	-.00023	.00083

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26924	--	--	--	--	--	--

SDev	53.03301	--	--	--	--	--	--
%RSD	.1969767	--	--	--	--	--	--
#1	26961	--	--	--	--	--	--
#2	26886	--	--	--	--	--	--

Analysis Report 01/23/12 04:57:27 PM page 1

Method: 20076010 Sample Name: 600-49153-b-1-a Operator: SRP
Run Time: 01/23/12 16:53:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8469	.00349	.00041	.18603	.00066	.02103	.00019
SDev	.0227	.00029	.00152	.00013	.00002	.00013	.00019
%RSD	.59108	8.3967	374.25	.07028	2.6558	.63867	102.13
#1	3.8630	.00328	.00148	.18612	.00065	.02093	.00033
#2	3.8308	.00369	-.00067	.18594	.00067	.02112	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	20.568	.00494	.00346	.01576	1.8425	.00310	.12132
SDev	.016	.00019	.00034	.00000	.0172	.00002	.00029
%RSD	.07713	3.8896	9.7166	.01647	.93103	.66380	.23999
#1	20.579	.00508	.00370	.01577	1.8546	.00308	.12153
#2	20.557	.00480	.00322	.01576	1.8303	.00311	.12112

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	3.7348	.16617	-.00011	.00448	.96824	8.2653
SDev	.00285	.0026	.00001	.00026	.00054	.01098	.0716
%RSD	1586.1	.06916	.00278	245.54	12.119	1.1337	.86596
#1	.00184	3.7366	.16616	.00008	.00486	.96048	8.3159
#2	-.00220	3.7329	.16617	-.00030	.00409	.97600	8.2146

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	7.7394	7.1580	.10418	.00157	.00089	.09644
SDev	.00034	.0379	.0056	.00021	.00237	.00175	.00199
%RSD	306.24	.49025	.07808	.20262	150.95	197.15	2.0607
#1	.00013	7.7663	7.1620	.10433	-.00011	.00212	.09784
#2	-.00035	7.7126	7.1541	.10403	.00325	-.00035	.09503

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01479	.39166	.11331	.12533	.00191	-.00122
SDev	.00002	.00016	.00270	.00091	.00456	.00200
%RSD	.15053	.03993	2.3800	.72743	238.85	163.08
#1	.01478	.39155	.11522	.12468	.00513	.00019
#2	.01481	.39177	.11141	.12597	-.00132	-.00264

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26434	--	--	--	--	--	--
SDev	45.25483	--	--	--	--	--	--
%RSD	.1711993	--	--	--	--	--	--

Analysis Report 01/23/12 04:57:27 PM page 2

#1	26466	--	--	--	--	--	--
#2	26402	--	--	--	--	--	--

Analysis Report Blank Sample 01/23/12 05:01:47 PM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/23/12 16:57:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5520	.53281	.51680	.53295	.47791	.52422	.54180
SDev	.0051	.00357	.00019	.00187	.00029	.00004	.00115
%RSD	.19850	.66915	.03757	.35019	.06157	.00841	.21222

#1	2.5484	.53029	.51666	.53163	.47812	.52419	.54262
#2	2.5556	.53533	.51693	.53427	.47771	.52425	.54099

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.683	.49069	.49065	.48466	2.6239	.49670	.51208
SDev	.016	.00036	.00021	.00191	.0135	.00120	.00038
%RSD	.12965	.07381	.04371	.39428	.51507	.24055	.07349
#1	12.695	.49095	.49050	.48331	2.6144	.49585	.51234
#2	12.672	.49043	.49080	.48601	2.6335	.49754	.51181

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51263	4.9640	.49398	.51720	.53158	12.866	.94881
SDev	.00696	.0021	.00027	.00117	.00059	.028	.00098
%RSD	1.3582	.04141	.05394	.22698	.11071	.21696	.10363
#1	.50771	4.9626	.49417	.51637	.53200	12.846	.94812
#2	.51756	4.9655	.49380	.51803	.53116	12.886	.94951

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25023	13.161	12.656	.26630	.55319	.51561	.51301
SDev	.00146	.187	.042	.00066	.00745	.00154	.00068
%RSD	.58202	1.4234	.33557	.24706	1.3463	.29932	.13234
#1	.24920	13.028	12.626	.26583	.54792	.51670	.51253
#2	.25126	13.293	12.686	.26676	.55845	.51452	.51349

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49833	.53432	.48510	.52557	.50008	.51896
SDev	.00054	.00012	.00068	.00091	.00804	.00642
%RSD	.10882	.02199	.14123	.17259	1.6084	1.2375
#1	.49795	.53424	.48461	.52621	.49440	.51442
#2	.49871	.53440	.48558	.52492	.50577	.52351

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26670	--	--	--	--	--	--
SDev	53.03301	--	--	--	--	--	--
%RSD	.1988452	--	--	--	--	--	--

#1	26708	--	--	--	--	--	--
#2	26633	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/23/12 17:01:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.06344	.00635	-.00175	.00325	-.00019	.00128	-.00009
SDev	.00164	.00153	.00005	.00009	.00010	.00060	.00017
%RSD	2.5879	24.002	2.9353	2.7603	53.700	47.371	188.02
#1	.06460	.00743	-.00171	.00331	-.00012	.00170	.00003
#2	.06228	.00528	-.00178	.00319	-.00026	.00085	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02664	.00114	-.00018	-.00040	-.01956	.00058	.00056
SDev	.00369	.00032	.00080	.00040	.02425	.00009	.00080
%RSD	13.856	28.227	453.01	100.86	124.01	14.558	143.50
#1	.02925	.00136	.00039	-.00011	-.00241	.00064	.00112
#2	.02403	.00091	-.00074	-.00068	-.03670	.00052	-.00001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.03665	.00043	.00160	-.00098	.13094	-.00804
SDev	.00187	.00332	.00011	.00052	.00045	.00885	.00015
%RSD	1365.6	9.0523	25.622	32.591	45.469	6.7581	1.9143
#1	.00146	.03900	.00051	.00197	-.00066	.13720	-.00793
#2	-.00118	.03431	.00035	.00123	-.00130	.12469	-.00815

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	-.09430	.04458	.00415	.00442	-.00194	.00057
SDev	.00071	.10102	.00271	.00004	.00014	.00019	.00013
%RSD	105.03	107.12	6.0810	1.0666	3.1945	9.6845	23.453
#1	-.00017	-.02287	.04649	.00418	.00432	-.00181	.00067
#2	-.00118	-.16573	.04266	.00412	.00452	-.00208	.00048

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.00040	-.00127	.00147	-.00175	.00108
SDev	.00045	.00005	.00168	.00204	.00347	.00454
%RSD	59.280	11.020	132.39	138.70	197.76	419.35
#1	.00108	.00044	-.00246	.00291	-.00420	.00429
#2	.00044	.00037	-.00008	.00003	.00070	-.00213

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/23/12 05:05:39 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26724	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.1137742	--	--	--	--	--	--
#1	26746	--	--	--	--	--	--
#2	26703	--	--	--	--	--	--

Analysis Report 01/23/12 05:11:13 PM page 1

Method: 20076010 Sample Name: mb 600-70626/1-a Operator: SRP
Run Time: 01/23/12 17:07:25

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04822	.00522	-.00076	.00499	-.00043	.00062	-.00012
SDev	.00375	.00136	.00109	.00005	.00008	.00009	.00001
%RSD	7.7734	26.114	143.74	.95393	18.129	14.083	11.694
#1	.05087	.00426	.00001	.00502	-.00049	.00056	-.00011
#2	.04557	.00618	-.00153	.00496	-.00038	.00069	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01214	.00088	-.00013	.00097	.00257	.00030	.00123
SDev	.00039	.00030	.00030	.00004	.01325	.00004	.00041
%RSD	3.2196	34.438	241.90	3.8309	515.07	12.406	33.138
#1	.01186	.00109	-.00034	.00094	-.00680	.00028	.00151
#2	.01241	.00066	.00009	.00100	.01195	.00033	.00094

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	.02897	.00053	.00037	-.00023	.14507	-.00682
SDev	.00257	.00194	.00002	.00094	.00030	.00577	.00032
%RSD	330.09	6.6805	4.4906	255.73	134.58	3.9783	4.7301
#1	.00104	.03034	.00052	-.00030	-.00044	.14915	-.00705
#2	-.00260	.02760	.00055	.00103	-.00001	.14098	-.00659

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	-.02962	.01255	.00057	.00044	.00062	.00034
SDev	.00044	.01501	.00011	.00002	.00009	.00016	.00005
%RSD	164.96	50.682	.84791	2.6650	20.644	26.663	14.201
#1	-.00058	-.04023	.01248	.00056	.00037	.00073	.00031
#2	.00004	-.01900	.01263	.00058	.00050	.00050	.00038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00958	.00022	.00173	-.00195	-.00019
SDev	.00019	.00020	.00089	.00016	.00039	.00366
%RSD	27.044	2.1137	401.83	9.5710	19.880	1904.3
#1	.00056	.00972	.00085	.00184	-.00168	.00240
#2	.00082	.00944	-.00041	.00161	-.00223	-.00278

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26475	--	--	--	--	--	--
SDev	200.8183	--	--	--	--	--	--
%RSD	.7585206	--	--	--	--	--	--

#1	26333	--	--	--	--	--	--
#2	26617	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70626/2-a Operator: SRP
Run Time: 01/23/12 17:11:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.057	1.0521	1.0319	1.1120	.47566	1.0474	.53851
SDev	.163	.0062	.0137	.0174	.00787	.0168	.00880
%RSD	1.6164	.58577	1.3288	1.5623	1.6547	1.6027	1.6333
#1	10.172	1.0565	1.0416	1.1243	.48122	1.0593	.54473
#2	9.9418	1.0478	1.0222	1.0997	.47009	1.0355	.53229

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.275	.97733	.98276	.97023	10.406	.49412	1.0251
SDev	.168	.01580	.01521	.01577	.185	.00734	.0141
%RSD	1.6391	1.6172	1.5478	1.6254	1.7811	1.4845	1.3752
#1	10.394	.98851	.99351	.98138	10.537	.49931	1.0350
#2	10.156	.96616	.97200	.95908	10.275	.48893	1.0151

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0182	9.9016	.98863	1.0300	1.0323	10.491	.92732
SDev	.0119	.1701	.01604	.0105	.0201	.171	.01475
%RSD	1.1640	1.7181	1.6227	1.0185	1.9470	1.6339	1.5910
#1	1.0265	10.022	.99998	1.0374	1.0465	10.613	.93775
#2	1.0098	9.7813	.97729	1.0226	1.0181	10.370	.91688

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50612	10.207	10.374	.55863	1.1038	1.0113	1.0141
SDev	.00771	.059	.154	.00874	.0131	.0160	.0158
%RSD	1.5228	.57867	1.4797	1.5650	1.1849	1.5856	1.5566
#1	.51157	10.249	10.483	.56482	1.1131	1.0226	1.0253
#2	.50067	10.165	10.266	.55245	1.0946	.99993	1.0029

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99278	1.0677	.96905	1.0531	.98563	1.0344
SDev	.01530	.0186	.00969	.0163	.00985	.0129
%RSD	1.5413	1.7422	.99977	1.5479	.99964	1.2422
#1	1.0036	1.0808	.97590	1.0646	.99260	1.0435
#2	.98196	1.0545	.96219	1.0415	.97866	1.0253

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/23/12 05:15:04 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26510	--	--	--	--	--	--
SDev	361.3316	--	--	--	--	--	--
%RSD	1.362975	--	--	--	--	--	--

#1	26255	--	--	--	--	--	--
#2	26766	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49179-a-3-a Operator: SRP
Run Time: 01/23/12 17:15:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20760	.00520	.00080	.15877	-.00032	.04033	-.00008
SDev	.00097	.00033	.00127	.00011	.00001	.00007	.00003
%RSD	.46501	6.3384	159.00	.06763	3.4750	.16647	31.254
#1	.20691	.00497	-.00010	.15885	-.00032	.04038	-.00010
#2	.20828	.00543	.00170	.15870	-.00031	.04028	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.946	.00174	.00122	.07185	.94631	.00382	.00172
SDev	.051	.00015	.00017	.00006	.01906	.00003	.00122
%RSD	.39505	8.3972	13.808	.07606	2.0139	.68749	71.310
#1	12.982	.00164	.00134	.07189	.95978	.00384	.00258
#2	12.910	.00185	.00110	.07181	.93283	.00380	.00085

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00182	3.2668	.52761	.00468	.02828	2.9958	3.9135
SDev	.00297	.0201	.00180	.00227	.00359	.0233	.0070
%RSD	163.08	.61444	.34150	48.509	12.694	.77907	.17949
#1	.00393	3.2810	.52888	.00628	.02575	3.0123	3.9185
#2	-.00028	3.2526	.52633	.00307	.03082	2.9793	3.9085

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	17.027	15.823	.12237	.00370	-.00109	.00254
SDev	.00015	.120	.038	.00015	.00515	.00169	.00016
%RSD	33.583	.70564	.23937	.12272	139.30	154.87	6.3567
#1	-.00035	17.112	15.849	.12248	.00734	-.00228	.00265
#2	-.00057	16.942	15.796	.12227	.00006	.00010	.00242

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	.10373	-.00130	.00323	-.00320	.00433
SDev	.00002	.00034	.00239	.00064	.00397	.00248
%RSD	1.5491	.32906	184.02	19.887	124.12	57.161
#1	.00151	.10398	.00039	.00368	-.00039	.00608

#2	.00147	.10349	-.00299	.00277	-.00600	.00258	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26770	--	--	--	--	--	--

SDev	31.11270	--	--	--	--	--	--
%RSD	.1162222	--	--	--	--	--	--
#1	26748	--	--	--	--	--	--
#2	26792	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49179-a-3-b du Operator: SRP
Run Time: 01/23/12 17:18:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21354	.00368	.00053	.16113	-.00035	.03990	-.00011
SDev	.00016	.00226	.00100	.00226	.00004	.00028	.00005
%RSD	.07747	61.492	187.79	1.4051	10.710	.69938	51.003
#1	.21342	.00528	.00124	.15953	-.00032	.03970	-.00007
#2	.21366	.00208	-.00017	.16273	-.00037	.04009	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.323	.00133	.00116	.07304	.97948	.00393	.00096
SDev	.197	.00001	.00033	.00064	.01146	.00011	.00060
%RSD	1.4763	.66554	28.590	.87123	1.1697	2.7014	62.626
#1	13.184	.00132	.00140	.07259	.97138	.00385	.00139
#2	13.462	.00133	.00093	.07349	.98758	.00400	.00054

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	3.3766	.54470	.00203	.02905	3.0814	4.0575
SDev	.00072	.0537	.00773	.00016	.00034	.0681	.0475
%RSD	62.071	1.5908	1.4182	8.1214	1.1692	2.2101	1.1706
#1	.00065	3.3386	.53924	.00192	.02881	3.0333	4.0240
#2	.00167	3.4146	.55016	.00215	.02929	3.1296	4.0911

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	17.640	16.261	.12610	.00210	.00095	.00282
SDev	.00028	.096	.204	.00192	.00078	.00012	.00036
%RSD	51.814	.54493	1.2521	1.5183	37.186	12.671	12.730
#1	-.00035	17.572	16.117	.12475	.00155	.00103	.00307
#2	-.00075	17.708	16.405	.12746	.00266	.00086	.00257

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.10103	.00066	.00111	-.00296	.00322

SDev	.00026	.00144	.00129	.00026	.00369	.00076
%RSD	20.236	1.4210	195.89	23.123	124.39	23.603
#1	.00146	.10001	.00158	.00130	-.00557	.00376
#2	.00109	.10204	-.00025	.00093	-.00036	.00269

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	26711	--	--	--	--	--	--
SDev	270.1148	--	--	--	--	--	--
%RSD	1.011249	--	--	--	--	--	--
#1	26902	--	--	--	--	--	--
#2	26520	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49179-a-3-c ms Operator: SRP
Run Time: 01/23/12 17:22:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.745	1.0824	1.0559	1.2616	.48639	1.1235	.54586
SDev	.019	.0019	.0073	.0004	.00476	.0073	.00700
%RSD	.17439	.17316	.69574	.03398	.97947	.64685	1.2817
#1	10.759	1.0838	1.0611	1.2620	.48976	1.1287	.55081
#2	10.732	1.0811	1.0507	1.2613	.48303	1.1184	.54091

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.476	.99760	1.0018	1.0644	11.694	.52957	1.0453
SDev	.244	.00877	.0108	.0012	.167	.00047	.0047
%RSD	1.0396	.87957	1.0796	.11340	1.4243	.08774	.44716
#1	23.649	1.0038	1.0094	1.0653	11.812	.52924	1.0486
#2	23.303	.99140	.99415	1.0636	11.576	.52990	1.0420

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0450	13.412	1.5410	1.0624	1.1819	14.285	5.6478
SDev	.0076	.105	.0125	.0061	.0134	.005	.0328
%RSD	.73060	.78396	.80937	.57858	1.1319	.03592	.58136
#1	1.0504	13.487	1.5498	1.0668	1.1913	14.281	5.6710
#2	1.0396	13.338	1.5322	1.0581	1.1724	14.289	5.6246

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51685	28.532	27.713	.67585	1.1240	1.0368	1.0486
SDev	.00263	.431	.035	.00126	.0020	.0100	.0067
%RSD	.50919	1.5104	.12489	.18638	.18089	.96122	.63442
#1	.51871	28.837	27.689	.67674	1.1254	1.0438	1.0533
#2	.51499	28.227	27.738	.67496	1.1226	1.0297	1.0439

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0168	1.1838	.98396	1.0759	1.0035	1.0657
SDev	.0058	.0089	.01177	.0011	.0132	.0048
%RSD	.56962	.75310	1.1961	.10472	1.3200	.45311
#1	1.0209	1.1901	.99228	1.0767	1.0128	1.0692
#2	1.0127	1.1775	.97564	1.0751	.99411	1.0623

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26516	--	--	--	--	--	--
SDev	163.3417	--	--	--	--	--	--
%RSD	.6160233	--	--	--	--	--	--
#1	26631	--	--	--	--	--	--
#2	26400	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49179-a-3-d msd Operator: SRP
Run Time: 01/23/12 17:26:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.862	1.0672	1.0423	1.2423	.47836	1.1078	.53718
SDev	.020	.0002	.0032	.0008	.00135	.0006	.00120
%RSD	.18009	.02000	.31041	.06789	.28206	.05303	.22400
#1	10.876	1.0670	1.0400	1.2429	.47932	1.1082	.53803
#2	10.848	1.0673	1.0446	1.2417	.47741	1.1074	.53633

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.085	.98129	.98573	1.0467	11.716	.52091	1.0251
SDev	.077	.00336	.00232	.0008	.037	.00015	.0005
%RSD	.33496	.34224	.23559	.07688	.31772	.02820	.04492
#1	23.140	.98366	.98737	1.0461	11.743	.52101	1.0254
#2	23.031	.97891	.98409	1.0473	11.690	.52081	1.0248

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0281	13.221	1.5194	1.0430	1.1566	14.085	6.1585
SDev	.0009	.038	.0040	.0009	.0047	.010	.0405
%RSD	.09109	.28678	.26535	.09097	.40838	.07224	.65728
#1	1.0274	13.247	1.5223	1.0437	1.1599	14.092	6.1871
#2	1.0287	13.194	1.5166	1.0423	1.1532	14.077	6.1299

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50930	28.257	27.317	.66467	1.1102	1.0204	1.0373
SDev	.00042	.102	.007	.00032	.0007	.0025	.0018

%RSD	.08304	.36267	.02541	.04741	.06219	.24299	.17176
#1	.50960	28.329	27.312	.66489	1.1106	1.0186	1.0385
#2	.50900	28.184	27.321	.66445	1.1097	1.0221	1.0360

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99974	1.1646	.96608	1.0546	.99471	1.0448
SDev	.00176	.0033	.00389	.0013	.00483	.0010
%RSD	.17612	.28025	.40264	.11892	.48549	.09667
#1	1.0010	1.1669	.96883	1.0537	.99130	1.0455
#2	.99850	1.1623	.96333	1.0555	.99813	1.0440

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26634	--	--	--	--	--	--
SDev	20.50610	--	--	--	--	--	--
%RSD	.0769907	--	--	--	--	--	--
#1	26620	--	--	--	--	--	--
#2	26649	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49179-a-3-e Operator: SRP
Run Time: 01/23/12 17:30:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.329	1.0445	1.0420	1.2450	.47179	1.1029	.53762
SDev	.005	.0050	.0014	.0001	.00024	.0011	.00045
%RSD	.04999	.48177	.13717	.01009	.05057	.09735	.08304
#1	10.326	1.0409	1.0410	1.2449	.47196	1.1022	.53793
#2	10.333	1.0481	1.0430	1.2451	.47162	1.1037	.53730

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.696	.98319	.97657	1.0438	11.258	1.0570	1.0271
SDev	.002	.00004	.00043	.0005	.004	.0006	.0036
%RSD	.00667	.00391	.04421	.04458	.03429	.05467	.34695
#1	22.697	.98322	.97688	1.0434	11.260	1.0566	1.0245
#2	22.694	.98317	.97626	1.0441	11.255	1.0574	1.0296

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0192	13.035	1.5135	1.0309	1.1612	13.995	5.0075
SDev	.0019	.003	.0004	.0004	.0020	.004	.0004
%RSD	.18914	.02289	.02490	.03537	.17122	.02726	.00707
#1	1.0178	13.032	1.5138	1.0307	1.1598	13.992	5.0078
#2	1.0205	13.037	1.5132	1.0312	1.1626	13.997	5.0073

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50301	27.914	27.035	.66053	1.1083	1.0071	1.0234
SDev	.00071	.006	.021	.00002	.0008	.0042	.0007
%RSD	.14195	.02099	.07735	.00246	.07296	.41628	.06959
#1	.50351	27.910	27.020	.66054	1.1077	1.0101	1.0239
#2	.50250	27.919	27.050	.66052	1.1088	1.0042	1.0229

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98942	1.1633	.96895	1.0561	.98694	1.0353
SDev	.00080	.0003	.00028	.0055	.00941	.0076
%RSD	.08081	.02640	.02833	.51910	.95306	.73356

#1	.98999	1.1636	.96915	1.0522	.99359	1.0299	
#2	.98886	1.1631	.96876	1.0600	.98029	1.0407	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26732	--	--	--	--	--	--
SDev	73.53911	--	--	--	--	--	--
%RSD	.2750977	--	--	--	--	--	--
#1	26784	--	--	--	--	--	--
#2	26680	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49179-a-3-a@5 Operator: SRP
Run Time: 01/23/12 17:34:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07985	.00924	.00114	.03290	-.00042	.01006	-.00007
SDev	.00222	.00361	.00239	.00007	.00002	.00033	.00003
%RSD	2.7856	39.053	208.88	.20322	4.6504	3.2690	39.701
#1	.08142	.01179	.00284	.03295	-.00043	.01030	-.00005
#2	.07828	.00669	-.00055	.03286	-.00040	.00983	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6891	.00075	.00027	.01384	.19290	.00097	.00048
SDev	.0003	.00037	.00017	.00006	.00088	.00005	.00008
%RSD	.01137	49.007	61.715	.46390	.45498	5.3073	16.466
#1	2.6888	.00049	.00015	.01389	.19352	.00094	.00043
#2	2.6893	.00101	.00039	.01380	.19228	.00101	.00054

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	.69638	.10935	.00449	.00496	.65689	.79845
SDev	.00434	.00278	.00011	.00204	.00026	.00053	.00257
%RSD	253.24	.39974	.09945	45.352	5.2451	.08019	.32142

#1	.00478	.69835	.10927	.00593	.00477	.65652	.80027
#2	-.00135	.69442	.10942	.00305	.00514	.65726	.79664

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	3.2826	3.1012	.02550	.00235	.00041	.00082
SDev	.00025	.0115	.0013	.00002	.00246	.00123	.00002
%RSD	63.222	.35094	.04143	.07023	104.61	298.25	2.9423
#1	-.00056	3.2745	3.1021	.02551	.00408	-.00046	.00080
#2	-.00022	3.2908	3.1003	.02548	.00061	.00129	.00084

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	.02482	-.00252	.00198	-.00058	.00286
SDev	.00002	.00013	.00065	.00021	.00843	.00229

%RSD	2.8856	.50412	25.815	10.399	1441.8	80.074
#1	.00074	.02491	-.00298	.00213	.00538	.00448
#2	.00071	.02473	-.00206	.00184	-.00655	.00124

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26940	--	--	--	--	--	--
SDev	101.8234	--	--	--	--	--	--
%RSD	.3779635	--	--	--	--	--	--
#1	26868	--	--	--	--	--	--
#2	27012	--	--	--	--	--	--

Analysis Report 01/23/12 05:44:08 PM page 1

Method: 20076010 Sample Name: 600-48895-b-1-a Operator: SRP
Run Time: 01/23/12 17:40:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07790	.00523	-.00197	.00339	-.00033	.29778	.00002
SDev	.00282	.00111	.00217	.00023	.00019	.00112	.00061
%RSD	3.6157	21.234	110.27	6.6983	57.226	.37657	3140.4
#1	.07591	.00601	-.00350	.00323	-.00046	.29858	.00045
#2	.07989	.00444	-.00043	.00355	-.00020	.29699	-.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44437	.00165	-.00022	-.00050	2.3348	.00094	.00059
SDev	.00536	.00024	.00297	.00005	.1595	.00018	.00002
%RSD	1.2056	14.451	1327.2	10.887	6.8294	19.396	3.1928
#1	.44816	.00182	.00188	-.00046	2.4475	.00081	.00058
#2	.44058	.00148	-.00233	-.00053	2.2220	.00106	.00060

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17907	.17131	.01114	.00841	.04954	.36850	2.4702
SDev	.00298	.00742	.00015	.00124	.00263	.03583	.0178
%RSD	1.6621	4.3333	1.3686	14.793	5.3010	9.7224	.71988
#1	.17697	.17656	.01103	.00929	.05140	.39384	2.4577
#2	.18118	.16606	.01125	.00753	.04768	.34317	2.4828

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	78.787	68.854	.00405	.00229	-.00118	.00068
SDev	.00348	.635	.267	.00011	.00662	.00549	.00008
%RSD	432.81	.80553	.38795	2.7836	288.50	464.55	11.938
#1	.00166	79.235	68.665	.00397	.00697	.00270	.00062
#2	-.00327	78.338	69.043	.00413	-.00239	-.00507	.00073

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.00828	-.00342	.00260	.16911	.18405

SDev	.00019	.00016	.00091	.00048	.00046	.00424
%RSD	24.623	1.8940	26.565	18.580	.27091	2.3012
#1	.00090	.00817	-.00278	.00225	.16878	.18106
#2	.00063	.00839	-.00406	.00294	.16943	.18705

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26580	--	--	--	--	--	--
SDev	230.5168	--	--	--	--	--	--
%RSD	.8672566	--	--	--	--	--	--

Analysis Report 01/23/12 05:44:08 PM page 2

#1	26743	--	--	--	--	--
#2	26417	--	--	--	--	--

Analysis Report 01/23/12 05:49:01 PM page 1

Method: 20076010 Sample Name: 600-48491-d-1-c Operator: SRP
Run Time: 01/23/12 17:45:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7324	.00550	.00366	.06502	-.00007	.01666	-.00002
SDev	.0064	.00077	.00014	.00008	.00017	.00036	.00026
%RSD	.37161	14.026	3.8025	.12888	256.70	2.1340	1284.4
#1	1.7369	.00495	.00376	.06496	-.00019	.01641	-.00020
#2	1.7278	.00604	.00356	.06508	.00006	.01692	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.312	.00536	.00075	.01157	1.2769	.00185	.00922
SDev	.131	.00019	.00000	.00032	.0068	.00019	.00119
%RSD	.23649	3.6370	.00775	2.8004	.53395	10.208	12.903
#1	55.404	.00522	.00075	.01135	1.2817	.00172	.01006
#2	55.219	.00550	.00075	.01180	1.2721	.00199	.00838

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	4.2837	.12602	.00089	.00256	3.6425	4.9285
SDev	.00121	.0079	.00009	.00032	.00021	.0170	.0192
%RSD	108.88	.18470	.07396	36.407	8.1296	.46623	.39019
#1	.00026	4.2893	.12609	.00112	.00241	3.6545	4.9421
#2	.00197	4.2781	.12596	.00066	.00271	3.6305	4.9149

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	3.6703	3.5077	.13872	.00530	-.00056	.01340
SDev	.00009	.0203	.0080	.00028	.00193	.00126	.00033
%RSD	11.371	.55393	.22684	.19811	36.464	225.19	2.4650
#1	-.00075	3.6847	3.5133	.13892	.00667	-.00145	.01317

#2	-.00088	3.6559	3.5021	.13853	.00394	.00033	.01364

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00755	.10302	.00594	.01086	-.00154	.00244
SDev	.00044	.00680	.00127	.00115	.00191	.00277
%RSD	5.8646	6.6039	21.346	10.593	123.78	113.60
#1	.00724	.09821	.00684	.01168	-.00019	.00048
#2	.00786	.10784	.00505	.01005	-.00290	.00440

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26459	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0962086	--	--	--	--	--	--

#1	26441	--	--	--	--	--	--
#2	26477	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/23/12 17:49:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5815	.53893	.52242	.53950	.47556	.52614	.54381
SDev	.0050	.00049	.00070	.00128	.00022	.00067	.00060
%RSD	.19396	.09171	.13360	.23759	.04672	.12663	.10974
#1	2.5780	.53928	.52291	.54040	.47540	.52567	.54339
#2	2.5851	.53858	.52193	.53859	.47571	.52661	.54423

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.673	.49023	.49117	.48646	2.6284	.50531	.51575
SDev	.022	.00047	.00053	.00051	.0074	.00008	.00191
%RSD	.17063	.09551	.10757	.10398	.28179	.01633	.37120
#1	12.658	.48990	.49080	.48682	2.6336	.50537	.51439
#2	12.688	.49056	.49154	.48610	2.6231	.50525	.51710

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51862	4.9668	.49492	.51841	.58637	13.066	.99518
SDev	.00270	.0073	.00035	.00232	.00429	.002	.00105
%RSD	.52111	.14637	.07073	.44694	.73101	.01184	.10572
#1	.52053	4.9617	.49467	.51677	.58334	13.068	.99444
#2	.51671	4.9720	.49517	.52005	.58940	13.065	.99592

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25080	13.171	12.858	.26905	.55283	.51597	.51605
SDev	.00043	.070	.005	.00035	.00611	.00090	.00037

%RSD	.16997	.53110	.03829	.12898	1.1056	.17463	.07232
#1	.25110	13.220	12.861	.26930	.54851	.51533	.51631
#2	.25050	13.121	12.854	.26881	.55715	.51660	.51578

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49876	.53749	.48575	.53075	.50092	.52753
SDev	.00022	.00078	.00021	.00298	.00293	.00259
%RSD	.04346	.14444	.04393	.56117	.58427	.49106
#1	.49861	.53694	.48590	.52864	.50299	.52936
#2	.49892	.53804	.48560	.53285	.49885	.52570

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/23/12 05:52:52 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26342	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.1449539	--	--	--	--	--	--
#1	26315	--	--	--	--	--	--
#2	26369	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/23/12 17:52:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06339	.00488	-.00040	.00342	-.00005	.00114	.00027
SDev	.00316	.00062	.00105	.00007	.00009	.00033	.00022
%RSD	4.9873	12.650	260.87	2.1121	191.96	29.001	80.575
#1	.06116	.00445	.00034	.00348	.00002	.00137	.00043
#2	.06563	.00532	-.00115	.00337	-.00011	.00091	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03060	.00128	.00027	-.00082	.00200	.00076	-.00019
SDev	.00369	.00027	.00026	.00010	.00941	.00011	.00093
%RSD	12.066	21.318	95.705	11.956	470.70	14.928	500.95
#1	.03322	.00109	.00045	-.00089	.00865	.00084	-.00085
#2	.02799	.00148	.00009	-.00075	-.00465	.00068	.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.04025	.00055	.00203	-.00013	.15780	.01500
SDev	.00100	.00296	.00011	.00065	.00038	.01087	.00611
%RSD	1736.5	7.3515	20.331	31.912	280.43	6.8902	40.728
#1	.00076	.04235	.00063	.00249	-.00040	.16549	.01933
#2	-.00065	.03816	.00047	.00157	.00013	.15011	.01068

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.03205	.04921	.00419	.00391	.00051	.00066
SDev	.00065	.08456	.00300	.00006	.00372	.00186	.00009
%RSD	597.95	263.81	6.0962	1.4458	95.091	361.42	14.216
#1	.00035	.02774	.05133	.00424	.00655	.00183	.00072
#2	-.00057	-.09185	.04709	.00415	.00128	-.00080	.00059

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00049	-.00291	.00117	-.00481	.00249
SDev	.00010	.00006	.00245	.00017	.00133	.00216
%RSD	10.819	13.153	84.373	14.710	27.603	86.740
#1	.00097	.00053	-.00464	.00105	-.00575	.00402

#2	.00083	.00044	-.00117	.00130	-.00387	.00096

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26455	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1176061	--	--	--	--	--	--
#1	26433	--	--	--	--	--	--
#2	26477	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/23/12 17:58:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15617	.01687	.01282	.01146	.00438	.01088	.00560
SDev	.00038	.00161	.00111	.00004	.00001	.00041	.00032
%RSD	.24277	9.5293	8.6185	.33427	.17334	3.7549	5.6754
#1	.15590	.01800	.01204	.01149	.00438	.01117	.00537
#2	.15644	.01573	.01360	.01144	.00437	.01059	.00582

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09268	.01109	.01004	.00916	.10954	.00995	.01025
SDev	.00101	.00001	.00107	.00009	.03107	.00002	.00032
%RSD	1.0891	.07533	10.650	.95137	28.367	.15327	3.0890
#1	.09196	.01108	.00929	.00922	.08757	.00996	.01003
#2	.09339	.01109	.01080	.00910	.13152	.00994	.01047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01126	.13321	.01056	.01092	.01117	.78398	.01027
SDev	.00125	.00187	.00007	.00040	.00063	.01341	.00104
%RSD	11.091	1.4056	.70034	3.6794	5.6077	1.7102	10.171

#1	.01038	.13453	.01062	.01064	.01073	.79346	.01101
#2	.01214	.13188	.01051	.01120	.01162	.77450	.00953

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00510	.57268	.58368	.00557	.01189	.00933	.01092
SDev	.00091	.20677	.00010	.00000	.00289	.00106	.00004
%RSD	17.912	36.106	.01734	.00630	24.299	11.321	.36153
#1	.00445	.42647	.58361	.00557	.00985	.00859	.01089
#2	.00575	.71889	.58375	.00557	.01394	.01008	.01095

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01086	.01140	.00753	.01161	.00775	.01301
SDev	.00017	.00006	.00269	.00087	.00449	.00037
%RSD	1.5819	.52889	35.747	7.4943	57.969	2.8640
#1	.01074	.01135	.00562	.01223	.00457	.01328
#2	.01098	.01144	.00943	.01100	.01092	.01275

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25954	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1607463	--	--	--	--	--	--

#1	25924	--	--	--	--	--	--
#2	25983	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/23/12 18:02:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	504.58	.00312	-.00388	.00195	-.00082	-.00276	.00189
SDev	1.88	.00512	.00028	.00003	.00000	.00044	.00035
%RSD	.37275	164.09	7.1063	1.7660	.05856	16.095	18.502
#1	503.25	.00674	-.00369	.00192	-.00082	-.00308	.00214
#2	505.91	-.00050	-.00408	.00197	-.00082	-.00245	.00165

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	458.93	.00180	-.00070	.01182	196.55	.00518	.01181
SDev	1.47	.00067	.00063	.00038	.58	.00002	.00009
%RSD	.32013	37.174	89.272	3.2600	.29524	.30654	.72892
#1	457.90	.00228	-.00026	.01155	196.14	.00517	.01175
#2	459.97	.00133	-.00114	.01210	196.96	.00519	.01187

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01764	499.47	-.00744	.00001	.00015	.27953	.00559
SDev	.00053	2.03	.00009	.00056	.00139	.00334	.00042
%RSD	2.9867	.40635	1.2452	5573.5	956.60	1.1953	7.4542
#1	-.01801	498.04	-.00751	-.00039	.00113	.27716	.00530
#2	-.01726	500.91	-.00738	.00041	-.00084	.28189	.00589

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00141	-.04289	.18032	-.00881	.02253	-.00181	-.00258
SDev	.00011	.03105	.00544	.00003	.00232	.00446	.00003
%RSD	7.7025	72.399	3.0191	.32873	10.303	246.19	1.3395
#1	-.00134	-.02093	.17647	-.00879	.02418	.00134	-.00260
#2	-.00149	-.06485	.18417	-.00883	.02089	-.00496	-.00255

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00593	-.00045	-.06260	.04901	-.00330	-.02480
SDev	.00002	.00025	.00148	.00087	.00218	.00030
%RSD	.33888	54.920	2.3627	1.7723	66.040	1.2141
#1	.00591	-.00027	-.06156	.04840	-.00485	-.02459
#2	.00594	-.00062	-.06365	.04963	-.00176	-.02501

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/23/12 06:06:24 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23520	--	--	--	--	--	--
SDev	61.51829	--	--	--	--	--	--
%RSD	.2615518	--	--	--	--	--	--
#1	23564	--	--	--	--	--	--
#2	23477	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/23/12 18:06:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	512.21	1.1226	1.0806	1.1018	.45985	1.1036	.51759
SDev	.90	.0025	.0061	.0040	.00033	.0027	.00026
%RSD	.17629	.22296	.56768	.36422	.07217	.24653	.05054
#1	512.85	1.1244	1.0849	1.1046	.46009	1.1055	.51777
#2	511.57	1.1209	1.0763	1.0990	.45962	1.1017	.51740

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	468.52	.94733	.91622	1.0276	206.87	1.3066	1.0102
SDev	.30	.00079	.00004	.0036	.12	.0043	.0023
%RSD	.06371	.08371	.00417	.35285	.05869	.32938	.22751
#1	468.31	.94789	.91625	1.0301	206.96	1.3096	1.0118
#2	468.74	.94677	.91619	1.0250	206.79	1.3035	1.0086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0104	510.62	.96012	1.0230	1.1027	15.473	.97077
SDev	.0017	.20	.00105	.0012	.0041	.044	.00643
%RSD	.17023	.03859	.10899	.11484	.36739	.28127	.66248
#1	1.0092	510.48	.96086	1.0222	1.1055	15.504	.97532
#2	1.0116	510.76	.95938	1.0238	1.0998	15.442	.96622

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53858	12.739	14.403	.53455	1.1040	1.0233	1.0087
SDev	.00042	.109	.038	.00204	.0033	.0050	.0022
%RSD	.07839	.85442	.26538	.38216	.29910	.48780	.22194
#1	.53888	12.662	14.430	.53600	1.1063	1.0268	1.0103
#2	.53828	12.816	14.375	.53311	1.1016	1.0198	1.0071

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97589	1.0671	.89092	1.0698	.99908	1.0160
SDev	.00170	.0007	.00435	.0013	.00465	.0003
%RSD	.17413	.06218	.48839	.11888	.46517	.02520
#1	.97709	1.0675	.89400	1.0707	.99579	1.0158

#2	.97469	1.0666	.88784	1.0689	1.0024	1.0162

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23593	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.0719305	--	--	--	--	--	--
#1	23581	--	--	--	--	--	--
#2	23605	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/23/12 18:10:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6267	.55141	.52923	.54352	.48792	.53681	.55876
SDev	.1269	.01977	.02217	.02013	.01915	.01958	.02171
%RSD	4.8313	3.5855	4.1898	3.7039	3.9258	3.6474	3.8849
#1	2.7164	.56540	.54491	.55776	.50146	.55066	.57411
#2	2.5370	.53743	.51355	.52929	.47437	.52297	.54341

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.041	.50368	.50389	.49012	2.6995	.50967	.52891
SDev	.528	.01970	.02046	.01846	.1174	.01809	.01909
%RSD	4.0517	3.9114	4.0595	3.7664	4.3490	3.5486	3.6095

#1	13.414	.51762	.51835	.50317	2.7825	.52246	.54241
#2	12.667	.48975	.48942	.47706	2.6164	.49688	.51541

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52235	5.1429	.50752	.53268	.61372	13.227	.96944
SDev	.01946	.2315	.01979	.01699	.02685	.484	.03881
%RSD	3.7262	4.5007	3.8993	3.1906	4.3744	3.6564	4.0031

#1	.53611	5.3066	.52151	.54469	.63271	13.569	.99688
#2	.50859	4.9793	.49352	.52066	.59474	12.885	.94200

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25595	13.320	12.844	.27153	.57482	.53260	.52504
SDev	.00972	.626	.439	.01014	.02250	.02576	.02013
%RSD	3.7982	4.7028	3.4199	3.7358	3.9135	4.8357	3.8333

#1	.26282	13.763	13.154	.27870	.59073	.55081	.53928
#2	.24908	12.877	12.533	.26436	.55891	.51438	.51081

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51017	.55213	.49745	.54464	.50222	.53247

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
SDev	.01928	.02190	.01704	.02012	.01528	.02156
%RSD	3.7800	3.9660	3.4255	3.6935	3.0425	4.0486

#1	.52380	.56761	.50950	.55887	.51303	.54771
#2	.49653	.53664	.48540	.53042	.49142	.51723

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25320	--	--	--	--	--	--
SDev	816.7083	--	--	--	--	--	--
%RSD	3.225610	--	--	--	--	--	--

#1	24742	--	--	--	--	--	--
#2	25897	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/23/12 18:14:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06940	.00867	.00090	.00268	-.00024	.00189	-.00013
SDev	.00373	.00244	.00145	.00107	.00016	.00078	.00008
%RSD	5.3718	28.181	162.22	39.930	66.369	41.213	64.798

#1	.07204	.01040	.00192	.00343	-.00013	.00244	-.00007
#2	.06677	.00694	-.00013	.00192	-.00035	.00134	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02208	.00124	-.00051	-.00059	-.02125	.00059	-.00018
SDev	.01012	.00055	.00064	.00029	.01561	.00014	.00024

%RSD	45.846	44.509	126.87	49.337	73.435	24.006	133.68
#1	.02923	.00163	-.00096	-.00038	-.03229	.00069	-.00001
#2	.01492	.00085	-.00005	-.00079	-.01022	.00049	-.00035

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.04267	.00040	.00209	-.00062	.17594	-.00762
SDev	.00202	.00238	.00022	.00073	.00024	.00064	.00023
%RSD	2275.4	5.5885	56.006	35.111	38.061	.36336	2.9774
#1	-.00152	.04435	.00056	.00260	-.00046	.17639	-.00746
#2	.00134	.04098	.00024	.00157	-.00079	.17548	-.00778

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	-.17203	.04842	.00330	.00193	-.00171	.00066
SDev	.00041	.09759	.01503	.00136	.00100	.00054	.00022
%RSD	67.543	56.728	31.031	41.145	51.622	31.392	33.293
#1	-.00089	-.24103	.05905	.00426	.00263	-.00133	.00081
#2	-.00032	-.10302	.03780	.00234	.00122	-.00209	.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	.00040	-.00856	.00401	-.01073	.00523
SDev	.00019	.00026	.00900	.00486	.00715	.00054
%RSD	16.757	65.375	105.16	121.28	66.654	10.369
#1	.00124	.00059	-.01492	.00744	-.01579	.00562
#2	.00098	.00022	-.00219	.00057	-.00567	.00485

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25981	--	--	--	--	--	--
SDev	199.4041	--	--	--	--	--	--
%RSD	.7674997	--	--	--	--	--	--
#1	26122	--	--	--	--	--	--
#2	25840	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Batch Number: 69905 Batch Start Date: 01/12/12 08:46 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 200.7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00035	METHNO3 00025	METSPIKEA 00010	METSPIKEB 00011
MB 600-69905/1		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-69905/2		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 04
Temperature	95
ID number of the thermometer	518

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Batch Number: 69905 Batch Start Date: 01/12/12 08:46 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00035	METHNO3 00025	METSPIKEA 00010
600-48624-A-8	2012-NDA-1 (Recon GW)	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48624-A-13	2012-SL-2 (Recon GW)	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48624-A-16	2012-SL-3 (Recon GW)	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48624-A-17	EQUIPMENT BLANK 4	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48624-A-17 DU	EQUIPMENT BLANK 4	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48624-A-17 MS	EQUIPMENT BLANK 4	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48624-A-17 MSD	EQUIPMENT BLANK 4	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
600-48624-A-8	2012-NDA-1 (Recon GW)	3010A, 6010B	T						
600-48624-A-13	2012-SL-2 (Recon GW)	3010A, 6010B	T						
600-48624-A-16	2012-SL-3 (Recon GW)	3010A, 6010B	T						
600-48624-A-17	EQUIPMENT BLANK 4	3010A, 6010B	T						
600-48624-A-17 DU	EQUIPMENT BLANK 4	3010A, 6010B	T						
600-48624-A-17 MS	EQUIPMENT BLANK 4	3010A, 6010B	T	250 uL					
600-48624-A-17 MSD	EQUIPMENT BLANK 4	3010A, 6010B	T	250 uL					

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 04
Temperature	95
ID number of the thermometer	518

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Batch Number: 69988 Batch Start Date: 01/13/12 08:27 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00035	METHNO3 00025	METSLCSS 00016
MB 600-69988/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-69988/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-48624-A-1	2012-NDA-3 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-2	2012-NDA-3 (17-19')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-3	2012-NDA-2 (0-2')	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-4	2012-NDA-2 (2-4')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-5	2012-NDA-2 (16-18')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-6	2012-NDA-1 (0-2')	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-7	2012-NDA-1 (2-4')	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-9	2012-SL-1 (0-2')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-10	2012-SL-1 (2-4')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-11	2012-SL-2 (0-2')	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-11 DU	2012-SL-2 (0-2')	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-11 MS	2012-SL-2 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-11 MSD	2012-SL-2 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
MB 600-69988/1		3050B, 6010B							
LCS 600-69988/2		3050B, 6010B							
600-48624-A-1	2012-NDA-3 (0-2')	3050B, 6010B	T						
600-48624-A-2	2012-NDA-3 (17-19')	3050B, 6010B	T						
600-48624-A-3	2012-NDA-2 (0-2')	3050B, 6010B	T						
600-48624-A-4	2012-NDA-2 (2-4')	3050B, 6010B	T						
600-48624-A-5	2012-NDA-2 (16-18')	3050B, 6010B	T						
600-48624-A-6	2012-NDA-1 (0-2')	3050B, 6010B	T						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Batch Number: 69988 Batch Start Date: 01/13/12 08:27 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
600-48624-A-7	2012-NDA-1 (2-4')	3050B, 6010B	T						
600-48624-A-9	2012-SL-1 (0-2')	3050B, 6010B	T						
600-48624-A-10	2012-SL-1 (2-4')	3050B, 6010B	T						
600-48624-A-11	2012-SL-2 (0-2')	3050B, 6010B	T						
600-48624-A-11 DU	2012-SL-2 (0-2')	3050B, 6010B	T						
600-48624-A-11 MS	2012-SL-2 (0-2')	3050B, 6010B	T	250 uL	250 uL				
600-48624-A-11 MSD	2012-SL-2 (0-2')	3050B, 6010B	T	250 uL	250 uL				

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Batch Number: 70035 Batch Start Date: 01/13/12 15:25 Batch Analyst: Patel, Silen R

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00035	METHNO3 00025	METSLCSS 00016
MB 600-70035/1		3050B, 6010B		1.0 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-70035/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-48624-A-12	2012-SL-2 (5-7')	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-14	2012-SL-3 (0-2')	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48624-A-15	2012-SL-3 (8-10')	3050B, 6010B	T	1.07 g	50 mL	4 mL	2.5 mL	5 mL	

Batch Notes	
Hood ID or number	m5
Hot Block ID number	hb02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-NDA-3 (0-2')	600-48624-1
2012-NDA-3 (17-19')	600-48624-2
2012-NDA-2 (0-2')	600-48624-3
2012-NDA-2 (2-4')	600-48624-4
2012-NDA-2 (16-18')	600-48624-5
2012-NDA-1 (0-2')	600-48624-6
2012-NDA-1 (2-4')	600-48624-7
2012-SL-1 (0-2')	600-48624-9
2012-SL-1 (2-4')	600-48624-10
2012-SL-2 (0-2')	600-48624-11
2012-SL-2 (5-7')	600-48624-12
2012-SL-3 (0-2')	600-48624-14
2012-SL-3 (8-10')	600-48624-15

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48624-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/11/2012 16:04 End Date: 01/11/2012 16:04

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			16:04																					
ZZZZZZ			16:04																					
ZZZZZZ			16:04																					
ZZZZZZ			16:04																					
ZZZZZZ			16:04																					
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ZZZZZZ			16:04																					
ZZZZZZ			16:04																					
ZZZZZZ			16:04																					
600-48624-1	1	T	16:04	X	X																			
600-48624-2	1	T	16:04	X	X																			
600-48624-3	1	T	16:04	X	X																			
600-48624-4	1	T	16:04	X	X																			
600-48624-5	1	T	16:04	X	X																			
600-48624-6	1	T	16:04	X	X																			
600-48624-7	1	T	16:04	X	X																			
600-48624-9	1	T	16:04	X	X																			
600-48624-10	1	T	16:04	X	X																			
600-48624-11	1	T	16:04	X	X																			
600-48624-11 MS	1	T	16:04	X	X																			
600-48624-11 MSD	1	T	16:04	X	X																			
600-48624-12	1	T	16:04	X	X																			
600-48624-14	1	T	16:04	X	X																			
600-48624-15	1	T	16:04	X	X																			
ZZZZZZ			16:04																					
ZZZZZZ			16:04																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/11/2012 16:04 End Date: 01/11/2012 16:04

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			16:04																				
ZZZZZZ			16:04																				
ZZZZZZ			16:04																				
ZZZZZZ			16:04																				
ZZZZZZ			16:04																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48624-1

SDG No.:

Batch Number: 69871 Batch Start Date: 01/11/12 16:04 Batch Analyst: Puranik, Surendra U

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-48624-A-1	2012-NDA-3 (0-2')	Moisture	T	1.15 g	12.02 g	10.88 g			
600-48624-A-2	2012-NDA-3 (17-19')	Moisture	T	1.15 g	17.43 g	13.49 g			
600-48624-A-3	2012-NDA-2 (0-2')	Moisture	T	1.15 g	20.40 g	16.68 g			
600-48624-A-4	2012-NDA-2 (2-4')	Moisture	T	1.15 g	12.87 g	10.28 g			
600-48624-A-5	2012-NDA-2 (16-18')	Moisture	T	1.15 g	16.30 g	13.51 g			
600-48624-A-6	2012-NDA-1 (0-2')	Moisture	T	1.15 g	13.99 g	10.98 g			
600-48624-A-7	2012-NDA-1 (2-4')	Moisture	T	1.15 g	13.23 g	10.25 g			
600-48624-A-9	2012-SL-1 (0-2')	Moisture	T	1.15 g	15.98 g	12.74 g			
600-48624-A-10	2012-SL-1 (2-4')	Moisture	T	1.15 g	18.04 g	15.01 g			
600-48624-A-11	2012-SL-2 (0-2')	Moisture	T	1.15 g	18.25 g	14.71 g			
600-48624-A-11 MS	2012-SL-2 (0-2')	Moisture	T	1.15 g	17.09 g	13.24 g			
600-48624-A-11 MSD	2012-SL-2 (0-2')	Moisture	T	1.15 g	17.91 g	14.18 g			
600-48624-A-12	2012-SL-2 (5-7')	Moisture	T	1.15 g	17.65 g	14.80 g			
600-48624-A-14	2012-SL-3 (0-2')	Moisture	T	1.15 g	19.13 g	14.70 g			
600-48624-A-15	2012-SL-3 (8-10')	Moisture	T	1.15 g	17.22 g	13.47 g			

Batch Notes	

Basis	Basis Description
T	Total/NA

TestAmerica Houston
6310 Rothway Street
Ho[illegible] TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Loc: 600
48624

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 2
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				I,D										
2012-NDA-3(0-2')	1/10/12	0832	G	S			X									1	
2012-NDA-3(17-19')		0918	G	S			X									1	
2012-NDA-2(0-2')		0942	G	S			X									1	
2012-NDA-2(2-4')		0946	G	S			X									1	
2012-NDA-2(16-18')		1032	G	S			X									1	
2012-NDA-1(0-2')		1059	G	S			X									1	
2012-NDA-1(2-4')		1104	G	S			X									1	
2012-NDA-1(Recon GW)		1130	G	W			X									1	
2012-SL-1(0-2')		1323	G	S			X									1	
2012-SL-1(2-4)		1326	G	S			X									1	
2012-SL-2(0-2')		1415	G	S			X	X								3	

Page 480 of 482

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify) IV

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 1813 1/10/12	Company: PBW	Received by: Brenda Meeks
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Date/Time:	Company
1/11/12 0932	TAL
Date/Time:	Company
Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

03/13/2012

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: 2 2 Page 1 of 1

Company: Pastor, Behling and Wheeler	Due Date Requested:	Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004		
City: Round Rock		
State, Zip: TX, 78664		
Phone: (512) 671-3434	PO #:	
Email: chris.moore@pbwllc.com	WO #:	
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732	
Site: Exide Frisco Recycling Center	SSOW#:	

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)					Total Number of containers	Special Instructions/Note:
			Preservation Code:				1,D														
2012-SL-2(5-7')	1/10/12	1420	G	S			X													1	
2012-SL-2(Recon GW)	1/10/12	1433	G	W			X													1	
2012-SL-3(0-2')	1/10/12	1504	G	S			X													1	
2012-SL-3(8-10')	1/10/12	1518	G	S			X													1	
2012-SL-3(Recon GW)	1/10/12	1527	G	W			X													1	
Field Blank 4 Equipment Blank 4	1/10/12	1557	G	W			X													1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 1013 1/10/12	Company: PBW	Received by: Brandi Meeks	Date/Time: 1/11/12 0932	Company: TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48624-1

Login Number: 48624

List Source: TestAmerica Houston

List Number: 1

Creator: Meeler, Brandi M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-48724-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
3/13/2012 6:02 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
03/13/2012
Revision: 1

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

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ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Report Narrative 15
Method Summary 16
Method / Analyst Summary 17
Sample Summary 18
Sample Results 19
Sample Datasheets 20
Data Qualifiers 57
QC Results 58
Qc Association Summary 59
Qc Reports 62
Raw Data 70
Client Chain of Custody 442
Sample Receipt Checklist 443

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-48724-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		02/10/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48724
Reviewer Name: TWR	Prep Batch Number(s): 600-69977(water), 70035(soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48724
Reviewer Name: TWR	Prep Batch Number(s): 600-69977(water), 70035(soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			3
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48724
Reviewer Name: TWR	Prep Batch Number(s): 600-69977(water), 70035(soil)- ICP

ER #[1]	DESCRIPTION
1	Cadmium was detected above the MDL, but below the MQL in the prep blank for batch 69977. The level of detection is below the recommended reporting limit and the appropriate flags have been applied.
2	The cadmium and lead recoveries in samples 48724-6 MS and MSD were below acceptance limits due to matrix interference. Method performance is demonstrated by acceptable LCS recoveries.
3	The cadmium and lead recoveries in sample 48724-6 PDS were below acceptance limits due to matrix interference. The lead percent difference between samples 48724-6 and 48724-6 SD was above acceptance limits due to matrix interference.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Laboratory Data Package Cover Page

This data package is for Job No.600-48724-1 and laboratory analysis batch no(s) 280-104369 and 280-104333 and consists of:

☒ This signature page, the laboratory review checklist, and the following reportable data:

☒ R1 Field chain-of-custody documentation;

☒ R2 Sample identification cross-reference;

☒ R3 Test reports (analytical data sheets) for each environmental sample that includes:

a) Items consistent with NELAC Chapter 5,
b) dilution factors,
c) preparation methods,
d) cleanup methods, and
e) if required for the project, tentatively identified compounds (TICs).

☐ R4 Surrogate recovery data including:

a) Calculated recovery (%R), and
b) The laboratory's surrogate QC limits.

☒ R5 Test reports/summary forms for blank samples;

☒ R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amounts,
b) Calculated %R for each analyte, and
c) The laboratory's LCS QC limits.

☒ R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,
b) MS/MSD spiking amounts,
c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
d) Calculated %Rs and relative percent differences (RPDs), and
e) The laboratory's MS/MSD QC limits

☒ R8 Laboratory analytical duplicate (if applicable) recovery and precision:

a) the amount of analyte measured in the duplicate,
b) the calculated RPD, and
c) the laboratory's QC limits for analytical duplicates.

☒ R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

☒ R10 Other problems or anomalies.

☒ The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. The laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached Exception Reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory have been identified by the laboratory in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: ☐ This laboratory meets an exception under 30 TAC §25.6 and was last inspection by ☐ TCEQ or ☐ _____ on _____ . Any findings affecting the data in this laboratory packages are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

DiLea Griego	DiLea Griego	Project Manager	02/10/2012
Name (Printed)	Signature	Official Title (printed)	Date

Detection Check Standard **Quality Control Report**

Matrix: Soil
Method: 9060/9060A
Preparation: 9060/9060A
Date Analyzed:
Date Prepared:
Job No:
TALS Batches:
Units: g/Kg

Analytes	Instrument #	MDL	DCS Spike	Measured Result	MQL
Total Organic Carbon (TOC)	WC_LECO	1.700	5.15		4.0

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Matrix: Water
Method: 9060/9060A
Preparation: 9060/9060A
Date Analyzed: 1/4/2012
Date Prepared: 1/4/2012
Job No: 24284
TALS Batches: 102418
Units: mg/L

Analytes	Instrument #	MDL	DCS Spike	Measured Result	MQL
Total Organic Carbon (TOC)	SHI2	0.155	0.40	0.676	1.0

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Laboratory Review Checklist: Reportable Data								
Laboratory Name: TestAmerica Denver			LRC Date: 020912					
Project Name: Exide Recycling Center, Frisco TX Project			Laboratory Job Number: 600-48724-1					
Reviewer Name: Roxanne Sullivan			Prep Batch Number(s): See ER #1 below for batch listing					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
		Chain-of-custody (C-O-C)						
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X					
		Were all departures from standard conditions described in an exception report?	X					
R2	OI	**Sample and quality control (QC) identification**						
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X					
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X					
R3	OI	**Test reports**						
		Were all samples prepared and analyzed within holding times?	X					
		Other than those results <MQL, were all other raw values bracketed by calibration standards?	X					
		Were calculations checked by a peer or supervisor?	X					
		Were all analyte identifications checked by a peer or supervisor?	X					
		Were sample quantitation limits reported for all analytes not detected?	X					
		Were all results for soil and sediment samples reported on a dry weight basis?			X			
		Were % moisture (or solids) reported for all soil and sediment samples?			X			
		If required for the project, TICs reported?			X			
R4	O	**Surrogate recovery data**						
		Were surrogates added prior to extraction?			X			
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X			
R5	OI	**Test reports/summary forms for blank samples**						
		Were appropriate type(s) of blanks analyzed?	X					
		Were blanks analyzed at the appropriate frequency?	X					
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X					
		Were blank concentrations < MQL?	X					
R6	OI	**Laboratory control samples (LCS):**						
		Were all COCs included in the LCS?	X					
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X					
		Were LCSs analyzed at the required frequency?	X					
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X					
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X					
		Was the LCSD RPD within QC limits?	X					
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**						
		Were the project/method specified analytes included in the MS and MSD?	X					
		Were MS/MSD analyzed at the appropriate frequency?	X					
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X					
		Were MS/MSD RPDs within laboratory QC limits?	X					
R8	OI	**Analytical duplicate data**						
		Were appropriate analytical duplicates analyzed for each matrix?	X					
		Were analytical duplicates analyzed at the appropriate frequency?	X					
		Were RPDs or relative standard deviations within the laboratory QC limits?	X					
R9	OI	**Practical quantitation limits (MQLs):**						
		Are the MQLs for each method analyte included in the laboratory data package?	X					
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X					
		Are unadjusted MQLs included in the laboratory data package?	X					
R10	OI	**Other problems/anomalies**						
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X					
		Were all necessary corrective actions performed for the reported data?	X					
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	X					

1 Items identified by the letter "R" must be included in the laboratory data package submitted in the required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);

3 NA = Not applicable;

4 NR = Not Reviewed;

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC).

Laboratory Review Checklist: Reportable Data								
Laboratory Name: TestAmerica Denver			LRC Date: 020912					
Project Name: Exide Recycling Center, Frisco TX Project			Laboratory Job Number: 600-48724-1					
Reviewer Name: Roxanne Sullivan			Prep Batch Number(s): See ER #1 below for batch listing					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	**Initial calibration (ICAL)**						
		Were response factors and/or relative response factors for each analyte within QC limits?	X					
		Were percent RSDs or correlation coefficient criteria met?	X					
		Was the number of standards recommended in the method used for all analytes?	X					
		Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		Are ICAL data available for all instruments used?	X					
		Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**						
		Was the CCV analyzed at the method-required frequency?	X					
		Were percent differences for each analyte within the method-required QC limits?	X					
		Was the ICAL curve verified for each analyte?	X					
		Was the absolute value of the analyte concentration in the inorganic CCB<MDL?		X			S2	
S3	O	**Mass spectral tuning:**						
		Was the appropriate compound for the method used for tuning?			X			
		Were ion abundance data within the method-required QC limits?			X			
S4	O	**Internal standards (IS):**						
		Were IS area counts and retention times within the method-required QC limits?			X			
S5	OI	**Raw data (NELAC Section 1 Appendix A glossary, and Section 5.12 or ISO/IEC 17025 Section 4.12.2)** ***(Only use data for epa level 3 qa/qc revieW, if raw data not applicable, then change appropriately)***						
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X					
		Were data associated with manual integrations flagged on the raw data?	X					
S6	O	**Dual column confirmation**						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	**Tentatively identified compounds (TICs):**						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	**Interference Check Sample (ICS) results:**						
		Were percent recoveries within method QC limits?			X			
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X			
S10	OI	**Method detection limit (MDL) studies**						
		Was a MDL study performed for each reported analyte?	X					
		Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S11	OI	**Proficiency test reports:**						
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X					
S12	OI	**Standards documentation**						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	**Compound/analyte identification procedures**						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	**Demonstration of analyst competency (DOC)**						
		Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	X					
		Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	**Verification/validation documentation for methods** (NELAC Chap 5 or ISO/IEC 17025 Section 5)						
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X					
S16	OI	**Laboratory standard operating procedures (SOPs)**						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" must be included in the laboratory data package submitted in the required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);

3 NA = Not applicable;

4 NR = Not Reviewed;

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica Denver	LRC Date: 020912
Project Name: Exide Recycling Center, Frisco TX Project	Laboratory Job Number: 600-48724-1
Reviewer Name: Roxanne Sullivan	Prep Batch Number(s): See ER #1 below for batch listing

ER#[1]	Description
	0
S2	Blanks are controlled to <MQL.
1	Batches included in this checklist: 104333, 104369

[1]ER# = Exception Report identification number (an exception Report should be completed for an item if "NR" or "No" is checked on the LRC).

Comments

The report was revised to include the missing Metals raw data for batch 70135.

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals			SW846 3050B
Percent Moisture	TAL HOU	EPA Moisture	
Grain Size	TAL BUR	ASTM D422	
Organic Carbon, Total (TOC)	TAL DEN	SW846 9060A	
Matrix: Water			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals			SW846 3010A
Organic Carbon, Total (TOC)	TAL DEN	SW846 9060A	

Lab References:

TAL BUR = TestAmerica Burlington

TAL DEN = TestAmerica Denver

TAL HOU = TestAmerica Houston

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Method	Analyst	Analyst ID
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
SW846 9060A	Plumb, Paul M	PMP
SW846 9060A	Yates, George E	GEY
EPA Moisture	Boza, Michael	MB
ASTM D422	Gagne, Eric	EMG

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-48724-1	2012 - SED - 1	Solid	01/11/2012 1053	01/12/2012 1047
600-48724-2	2012 - SED - 2	Solid	01/11/2012 1120	01/12/2012 1047
600-48724-3	2012 - SED - 3	Solid	01/11/2012 1158	01/12/2012 1047
600-48724-4	2012 - SED - 4	Solid	01/11/2012 1428	01/12/2012 1047
600-48724-5	2012 - SED - 5	Solid	01/11/2012 1454	01/12/2012 1047
600-48724-6	2012 - SED - 6	Solid	01/11/2012 1513	01/12/2012 1047
600-48724-6MS	2012 - SED - 6	Solid	01/11/2012 1513	01/12/2012 1047
600-48724-6MSD	2012 - SED - 6	Solid	01/11/2012 1513	01/12/2012 1047
600-48724-7	2012 - SED - 7	Solid	01/11/2012 1550	01/12/2012 1047
600-48724-8	2012 - SED - 8	Solid	01/11/2012 1615	01/12/2012 1047
600-48724-9	2012 - SED - 9	Solid	01/11/2012 1636	01/12/2012 1047
600-48724-10	Equipment Blank 5	Water	01/11/2012 1654	01/12/2012 1047

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 1

Lab Sample ID: 600-48724-1
Client Matrix: Solid

Date Sampled: 01/11/2012 10:53
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: ASTM D422,Solid										Dry Weight Corrected?:		N
Gravel	STL00581	13.1						%	32748	01/19/2012 14:44	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32748	01/19/2012 14:44	1	EMG
Sand	STL00582	21.4						%	32748	01/19/2012 14:44	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32748	01/19/2012 14:44	1	EMG
Coarse Sand	STL00583	14.6						%	32748	01/19/2012 14:44	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32748	01/19/2012 14:44	1	EMG
Medium Sand	STL00584	5.0						%	32748	01/19/2012 14:44	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32748	01/19/2012 14:44	1	EMG
Fine Sand	STL00585	1.8						%	32748	01/19/2012 14:44	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32748	01/19/2012 14:44	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	96.9						% Passing	32748	01/19/2012 14:44	1	EMG
Silt	STL00586	34.7						%	32748	01/19/2012 14:44	1	EMG
Clay	STL00587	30.8						%	32748	01/19/2012 14:44	1	EMG
Sieve Size #4 - Percent Finer	STL01274	86.9						% Passing	32748	01/19/2012 14:44	1	EMG
Sieve Size #10 - Percent Finer	STL01268	72.3						% Passing	32748	01/19/2012 14:44	1	EMG
Sieve Size #20 - Percent Finer	STL01271	68.4						% Passing	32748	01/19/2012 14:44	1	EMG
Sieve Size #40 - Percent Finer	STL01275	67.3						% Passing	32748	01/19/2012 14:44	1	EMG
Sieve Size #60 - Percent Finer	STL01276	66.8						% Passing	32748	01/19/2012 14:44	1	EMG
Sieve Size #80 - Percent Finer	STL01277	66.5						% Passing	32748	01/19/2012 14:44	1	EMG
Sieve Size #100 - Percent Finer	STL01269	66.3						% Passing	32748	01/19/2012 14:44	1	EMG
Sieve Size #200 - Percent Finer	STL01272	65.5						% Passing	32748	01/19/2012 14:44	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 1

Lab Sample ID: 600-48724-1
Client Matrix: Solid

Date Sampled: 01/11/2012 10:53
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	46.1						% Passing	32748	01/19/2012 14:44	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	42.1						% Passing	32748	01/19/2012 14:44	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	37.3						% Passing	32748	01/19/2012 14:44	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	34.1						% Passing	32748	01/19/2012 14:44	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	30.8						% Passing	32748	01/19/2012 14:44	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	26.0						% Passing	32748	01/19/2012 14:44	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	21.2						% Passing	32748	01/19/2012 14:44	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	33			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Percent Solids	STL00234	67			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.338	J		0.0256	0.250	0.0358	mg/Kg	70606	01/21/2012 11:23	1	SRP
Lead	7439-92-1	7.09			0.105	0.500	0.146	mg/Kg	70606	01/21/2012 11:23	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?:		N
Total Organic Carbon	7440-44-0	4.77			1.70	4.00	1.70	g/Kg	104333	01/20/2012 14:37	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 2

Lab Sample ID: 600-48724-2
Client Matrix: Solid

Date Sampled: 01/11/2012 11:20
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: ASTM D422,Solid										Dry Weight Corrected?:		N
Gravel	STL00581	42.6						%	32748	01/19/2012 14:50	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32748	01/19/2012 14:50	1	EMG
Sand	STL00582	41.4						%	32748	01/19/2012 14:50	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32748	01/19/2012 14:50	1	EMG
Coarse Sand	STL00583	27.8						%	32748	01/19/2012 14:50	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32748	01/19/2012 14:50	1	EMG
Medium Sand	STL00584	9.5						%	32748	01/19/2012 14:50	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32748	01/19/2012 14:50	1	EMG
Fine Sand	STL00585	4.1						%	32748	01/19/2012 14:50	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32748	01/19/2012 14:50	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	84.3						% Passing	32748	01/19/2012 14:50	1	EMG
Silt	STL00586	8.0						%	32748	01/19/2012 14:50	1	EMG
Clay	STL00587	8.1						%	32748	01/19/2012 14:50	1	EMG
Sieve Size #4 - Percent Finer	STL01274	57.4						% Passing	32748	01/19/2012 14:50	1	EMG
Sieve Size #10 - Percent Finer	STL01268	29.6						% Passing	32748	01/19/2012 14:50	1	EMG
Sieve Size #20 - Percent Finer	STL01271	21.6						% Passing	32748	01/19/2012 14:50	1	EMG
Sieve Size #40 - Percent Finer	STL01275	20.1						% Passing	32748	01/19/2012 14:50	1	EMG
Sieve Size #60 - Percent Finer	STL01276	18.9						% Passing	32748	01/19/2012 14:50	1	EMG
Sieve Size #80 - Percent Finer	STL01277	18.1						% Passing	32748	01/19/2012 14:50	1	EMG
Sieve Size #100 - Percent Finer	STL01269	17.5						% Passing	32748	01/19/2012 14:50	1	EMG
Sieve Size #200 - Percent Finer	STL01272	16.0						% Passing	32748	01/19/2012 14:50	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 2

Lab Sample ID: 600-48724-2
Client Matrix: Solid

Date Sampled: 01/11/2012 11:20
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	11.7						% Passing	32748	01/19/2012 14:50	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	11.7						% Passing	32748	01/19/2012 14:50	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	10.5						% Passing	32748	01/19/2012 14:50	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	9.3						% Passing	32748	01/19/2012 14:50	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	8.1						% Passing	32748	01/19/2012 14:50	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	6.7						% Passing	32748	01/19/2012 14:50	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	5.5						% Passing	32748	01/19/2012 14:50	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	17			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Percent Solids	STL00234	83			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.794			0.0256	0.250	0.0282	mg/Kg	70606	01/21/2012 11:27	1	SRP
Lead	7439-92-1	15.1			0.105	0.500	0.115	mg/Kg	70606	01/21/2012 11:27	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?:		N
Total Organic Carbon	7440-44-0	5.31			1.70	4.00	1.70	g/Kg	104333	01/20/2012 14:47	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 3

Lab Sample ID: 600-48724-3
Client Matrix: Solid

Date Sampled: 01/11/2012 11:58
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: ASTM D422,Solid										Dry Weight Corrected?:		N
Gravel	STL00581	61.0						%	32748	01/19/2012 14:53	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32748	01/19/2012 14:53	1	EMG
Sand	STL00582	19.1						%	32748	01/19/2012 14:53	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32748	01/19/2012 14:53	1	EMG
Coarse Sand	STL00583	13.7						%	32748	01/19/2012 14:53	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32748	01/19/2012 14:53	1	EMG
Medium Sand	STL00584	4.3						%	32748	01/19/2012 14:53	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32748	01/19/2012 14:53	1	EMG
Fine Sand	STL00585	1.1						%	32748	01/19/2012 14:53	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	87.8						% Passing	32748	01/19/2012 14:53	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	67.6						% Passing	32748	01/19/2012 14:53	1	EMG
Silt	STL00586	12.4						%	32748	01/19/2012 14:53	1	EMG
Clay	STL00587	7.5						%	32748	01/19/2012 14:53	1	EMG
Sieve Size #4 - Percent Finer	STL01274	39.0						% Passing	32748	01/19/2012 14:53	1	EMG
Sieve Size #10 - Percent Finer	STL01268	25.3						% Passing	32748	01/19/2012 14:53	1	EMG
Sieve Size #20 - Percent Finer	STL01271	21.8						% Passing	32748	01/19/2012 14:53	1	EMG
Sieve Size #40 - Percent Finer	STL01275	21.0						% Passing	32748	01/19/2012 14:53	1	EMG
Sieve Size #60 - Percent Finer	STL01276	20.5						% Passing	32748	01/19/2012 14:53	1	EMG
Sieve Size #80 - Percent Finer	STL01277	20.3						% Passing	32748	01/19/2012 14:53	1	EMG
Sieve Size #100 - Percent Finer	STL01269	20.2						% Passing	32748	01/19/2012 14:53	1	EMG
Sieve Size #200 - Percent Finer	STL01272	19.9						% Passing	32748	01/19/2012 14:53	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 3

Lab Sample ID: 600-48724-3
Client Matrix: Solid

Date Sampled: 01/11/2012 11:58
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	15.4						% Passing	32748	01/19/2012 14:53	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	12.7						% Passing	32748	01/19/2012 14:53	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	10.1						% Passing	32748	01/19/2012 14:53	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	8.8						% Passing	32748	01/19/2012 14:53	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	7.5						% Passing	32748	01/19/2012 14:53	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	4.8						% Passing	32748	01/19/2012 14:53	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	2.9						% Passing	32748	01/19/2012 14:53	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	11			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Percent Solids	STL00234	89			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.40			0.0256	0.250	0.0287	mg/Kg	70606	01/21/2012 11:31	1	SRP
Lead	7439-92-1	17.1			0.105	0.500	0.117	mg/Kg	70606	01/21/2012 11:31	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?:		N
Total Organic Carbon	7440-44-0	7.36			1.70	4.00	1.70	g/Kg	104333	01/20/2012 14:58	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 4

Lab Sample ID: 600-48724-4
Client Matrix: Solid

Date Sampled: 01/11/2012 14:28
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: ASTM D422,Solid										Dry Weight Corrected?:		N
Gravel	STL00581	35.2						%	32748	01/19/2012 14:56	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32748	01/19/2012 14:56	1	EMG
Sand	STL00582	35.2						%	32748	01/19/2012 14:56	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32748	01/19/2012 14:56	1	EMG
Coarse Sand	STL00583	21.9						%	32748	01/19/2012 14:56	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32748	01/19/2012 14:56	1	EMG
Medium Sand	STL00584	11.2						%	32748	01/19/2012 14:56	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32748	01/19/2012 14:56	1	EMG
Fine Sand	STL00585	2.1						%	32748	01/19/2012 14:56	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32748	01/19/2012 14:56	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	80.1						% Passing	32748	01/19/2012 14:56	1	EMG
Silt	STL00586	19.9						%	32748	01/19/2012 14:56	1	EMG
Clay	STL00587	9.7						%	32748	01/19/2012 14:56	1	EMG
Sieve Size #4 - Percent Finer	STL01274	64.8						% Passing	32748	01/19/2012 14:56	1	EMG
Sieve Size #10 - Percent Finer	STL01268	42.9						% Passing	32748	01/19/2012 14:56	1	EMG
Sieve Size #20 - Percent Finer	STL01271	34.0						% Passing	32748	01/19/2012 14:56	1	EMG
Sieve Size #40 - Percent Finer	STL01275	31.7						% Passing	32748	01/19/2012 14:56	1	EMG
Sieve Size #60 - Percent Finer	STL01276	31.0						% Passing	32748	01/19/2012 14:56	1	EMG
Sieve Size #80 - Percent Finer	STL01277	30.7						% Passing	32748	01/19/2012 14:56	1	EMG
Sieve Size #100 - Percent Finer	STL01269	30.5						% Passing	32748	01/19/2012 14:56	1	EMG
Sieve Size #200 - Percent Finer	STL01272	29.6						% Passing	32748	01/19/2012 14:56	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 4

Lab Sample ID: 600-48724-4
Client Matrix: Solid

Date Sampled: 01/11/2012 14:28
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	13.3						% Passing	32748	01/19/2012 14:56	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	12.7						% Passing	32748	01/19/2012 14:56	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	11.5						% Passing	32748	01/19/2012 14:56	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	10.3						% Passing	32748	01/19/2012 14:56	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	9.7						% Passing	32748	01/19/2012 14:56	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	7.9						% Passing	32748	01/19/2012 14:56	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	6.6						% Passing	32748	01/19/2012 14:56	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	18			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Percent Solids	STL00234	82			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	2.08			0.0256	0.250	0.0297	mg/Kg	70606	01/21/2012 11:35	1	SRP
Lead	7439-92-1	14.9			0.105	0.500	0.121	mg/Kg	70606	01/21/2012 11:35	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?:		N
Total Organic Carbon	7440-44-0	13.2			1.70	4.00	1.70	g/Kg	104333	01/20/2012 15:01	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 5

Lab Sample ID: 600-48724-5
Client Matrix: Solid

Date Sampled: 01/11/2012 14:54
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: ASTM D422,Solid										Dry Weight Corrected?:		N
Gravel	STL00581	50.2						%	32748	01/19/2012 14:58	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32748	01/19/2012 14:58	1	EMG
Sand	STL00582	34.7						%	32748	01/19/2012 14:58	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32748	01/19/2012 14:58	1	EMG
Coarse Sand	STL00583	26.7						%	32748	01/19/2012 14:58	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32748	01/19/2012 14:58	1	EMG
Medium Sand	STL00584	7.5						%	32748	01/19/2012 14:58	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32748	01/19/2012 14:58	1	EMG
Fine Sand	STL00585	0.5						%	32748	01/19/2012 14:58	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32748	01/19/2012 14:58	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	77.7						% Passing	32748	01/19/2012 14:58	1	EMG
Silt	STL00586	12.5						%	32748	01/19/2012 14:58	1	EMG
Clay	STL00587	2.6						%	32748	01/19/2012 14:58	1	EMG
Sieve Size #4 - Percent Finer	STL01274	49.8						% Passing	32748	01/19/2012 14:58	1	EMG
Sieve Size #10 - Percent Finer	STL01268	23.1						% Passing	32748	01/19/2012 14:58	1	EMG
Sieve Size #20 - Percent Finer	STL01271	16.2						% Passing	32748	01/19/2012 14:58	1	EMG
Sieve Size #40 - Percent Finer	STL01275	15.6						% Passing	32748	01/19/2012 14:58	1	EMG
Sieve Size #60 - Percent Finer	STL01276	15.4						% Passing	32748	01/19/2012 14:58	1	EMG
Sieve Size #80 - Percent Finer	STL01277	15.3						% Passing	32748	01/19/2012 14:58	1	EMG
Sieve Size #100 - Percent Finer	STL01269	15.3						% Passing	32748	01/19/2012 14:58	1	EMG
Sieve Size #200 - Percent Finer	STL01272	15.1						% Passing	32748	01/19/2012 14:58	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 5

Lab Sample ID: 600-48724-5
Client Matrix: Solid

Date Sampled: 01/11/2012 14:54
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	3.2						% Passing	32748	01/19/2012 14:58	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	3.2						% Passing	32748	01/19/2012 14:58	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	3.2						% Passing	32748	01/19/2012 14:58	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	3.2						% Passing	32748	01/19/2012 14:58	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	2.6						% Passing	32748	01/19/2012 14:58	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	2.0						% Passing	32748	01/19/2012 14:58	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	1.9						% Passing	32748	01/19/2012 14:58	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	13			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Percent Solids	STL00234	87			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.43			0.0256	0.250	0.0291	mg/Kg	70606	01/21/2012 11:39	1	SRP
Lead	7439-92-1	10.9			0.105	0.500	0.119	mg/Kg	70606	01/21/2012 11:39	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?:		N
Total Organic Carbon	7440-44-0	92.3			1.70	4.00	1.70	g/Kg	104333	01/20/2012 15:03	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 6

Lab Sample ID: 600-48724-6
Client Matrix: Solid

Date Sampled: 01/11/2012 15:13
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: ASTM D422,Solid										Dry Weight Corrected?:		N
Gravel	STL00581	49.1						%	32748	01/19/2012 15:02	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32748	01/19/2012 15:02	1	EMG
Sand	STL00582	36.3						%	32748	01/19/2012 15:02	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32748	01/19/2012 15:02	1	EMG
Coarse Sand	STL00583	25.5						%	32748	01/19/2012 15:02	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32748	01/19/2012 15:02	1	EMG
Medium Sand	STL00584	9.6						%	32748	01/19/2012 15:02	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32748	01/19/2012 15:02	1	EMG
Fine Sand	STL00585	1.2						%	32748	01/19/2012 15:02	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32748	01/19/2012 15:02	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	80.9						% Passing	32748	01/19/2012 15:02	1	EMG
Silt	STL00586	10.2						%	32748	01/19/2012 15:02	1	EMG
Clay	STL00587	4.4						%	32748	01/19/2012 15:02	1	EMG
Sieve Size #4 - Percent Finer	STL01274	50.9						% Passing	32748	01/19/2012 15:02	1	EMG
Sieve Size #10 - Percent Finer	STL01268	25.4						% Passing	32748	01/19/2012 15:02	1	EMG
Sieve Size #20 - Percent Finer	STL01271	17.2						% Passing	32748	01/19/2012 15:02	1	EMG
Sieve Size #40 - Percent Finer	STL01275	15.8						% Passing	32748	01/19/2012 15:02	1	EMG
Sieve Size #60 - Percent Finer	STL01276	15.3						% Passing	32748	01/19/2012 15:02	1	EMG
Sieve Size #80 - Percent Finer	STL01277	15.1						% Passing	32748	01/19/2012 15:02	1	EMG
Sieve Size #100 - Percent Finer	STL01269	15.0						% Passing	32748	01/19/2012 15:02	1	EMG
Sieve Size #200 - Percent Finer	STL01272	14.6						% Passing	32748	01/19/2012 15:02	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 6

Lab Sample ID: 600-48724-6
Client Matrix: Solid

Date Sampled: 01/11/2012 15:13
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	5.6						% Passing	32748	01/19/2012 15:02	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	5.6						% Passing	32748	01/19/2012 15:02	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	5.0						% Passing	32748	01/19/2012 15:02	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	4.4						% Passing	32748	01/19/2012 15:02	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	4.4						% Passing	32748	01/19/2012 15:02	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	3.7						% Passing	32748	01/19/2012 15:02	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	3.7						% Passing	32748	01/19/2012 15:02	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	13			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Percent Solids	STL00234	87			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.03			0.0256	0.250	0.0296	mg/Kg	70606	01/21/2012 11:50	1	SRP
Lead	7439-92-1	10.4			0.105	0.500	0.121	mg/Kg	70606	01/21/2012 11:50	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?:		N
Total Organic Carbon	7440-44-0	71.4			1.70	4.00	1.70	g/Kg	104333	01/20/2012 15:06	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 7

Lab Sample ID: 600-48724-7
Client Matrix: Solid

Date Sampled: 01/11/2012 15:50
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: ASTM D422,Solid										Dry Weight Corrected?:		N
Gravel	STL00581	37.3						%	32748	01/19/2012 15:04	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32748	01/19/2012 15:04	1	EMG
Sand	STL00582	42.1						%	32748	01/19/2012 15:04	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32748	01/19/2012 15:04	1	EMG
Coarse Sand	STL00583	16.6						%	32748	01/19/2012 15:04	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32748	01/19/2012 15:04	1	EMG
Medium Sand	STL00584	16.1						%	32748	01/19/2012 15:04	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32748	01/19/2012 15:04	1	EMG
Fine Sand	STL00585	9.4						%	32748	01/19/2012 15:04	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	90.5						% Passing	32748	01/19/2012 15:04	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	78.4						% Passing	32748	01/19/2012 15:04	1	EMG
Silt	STL00586	13.7						%	32748	01/19/2012 15:04	1	EMG
Clay	STL00587	7.0						%	32748	01/19/2012 15:04	1	EMG
Sieve Size #4 - Percent Finer	STL01274	62.7						% Passing	32748	01/19/2012 15:04	1	EMG
Sieve Size #10 - Percent Finer	STL01268	46.1						% Passing	32748	01/19/2012 15:04	1	EMG
Sieve Size #20 - Percent Finer	STL01271	34.8						% Passing	32748	01/19/2012 15:04	1	EMG
Sieve Size #40 - Percent Finer	STL01275	30.0						% Passing	32748	01/19/2012 15:04	1	EMG
Sieve Size #60 - Percent Finer	STL01276	25.7						% Passing	32748	01/19/2012 15:04	1	EMG
Sieve Size #80 - Percent Finer	STL01277	23.3						% Passing	32748	01/19/2012 15:04	1	EMG
Sieve Size #100 - Percent Finer	STL01269	22.2						% Passing	32748	01/19/2012 15:04	1	EMG
Sieve Size #200 - Percent Finer	STL01272	20.6						% Passing	32748	01/19/2012 15:04	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 7

Lab Sample ID: 600-48724-7
Client Matrix: Solid

Date Sampled: 01/11/2012 15:50
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	10.1						% Passing	32748	01/19/2012 15:04	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	9.0						% Passing	32748	01/19/2012 15:04	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	8.5						% Passing	32748	01/19/2012 15:04	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	8.0						% Passing	32748	01/19/2012 15:04	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	7.0						% Passing	32748	01/19/2012 15:04	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	5.9						% Passing	32748	01/19/2012 15:04	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	4.8						% Passing	32748	01/19/2012 15:04	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	23			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Percent Solids	STL00234	77			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.844			0.0256	0.250	0.0316	mg/Kg	70606	01/21/2012 12:02	1	SRP
Lead	7439-92-1	10.4			0.105	0.500	0.129	mg/Kg	70606	01/21/2012 12:02	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?:		N
Total Organic Carbon	7440-44-0	69.3			1.70	4.00	1.70	g/Kg	104333	01/20/2012 15:12	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 8

Lab Sample ID: 600-48724-8
Client Matrix: Solid

Date Sampled: 01/11/2012 16:15
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: ASTM D422,Solid										Dry Weight Corrected?:		N
Gravel	STL00581	52.4						%	32748	01/19/2012 15:07	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32748	01/19/2012 15:07	1	EMG
Sand	STL00582	28.4						%	32748	01/19/2012 15:07	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32748	01/19/2012 15:07	1	EMG
Coarse Sand	STL00583	25.6						%	32748	01/19/2012 15:07	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32748	01/19/2012 15:07	1	EMG
Medium Sand	STL00584	2.5						%	32748	01/19/2012 15:07	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32748	01/19/2012 15:07	1	EMG
Fine Sand	STL00585	0.3						%	32748	01/19/2012 15:07	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32748	01/19/2012 15:07	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	81.6						% Passing	32748	01/19/2012 15:07	1	EMG
Silt	STL00586	14.8						%	32748	01/19/2012 15:07	1	EMG
Clay	STL00587	4.4						%	32748	01/19/2012 15:07	1	EMG
Sieve Size #4 - Percent Finer	STL01274	47.6						% Passing	32748	01/19/2012 15:07	1	EMG
Sieve Size #10 - Percent Finer	STL01268	22.0						% Passing	32748	01/19/2012 15:07	1	EMG
Sieve Size #20 - Percent Finer	STL01271	19.8						% Passing	32748	01/19/2012 15:07	1	EMG
Sieve Size #40 - Percent Finer	STL01275	19.5						% Passing	32748	01/19/2012 15:07	1	EMG
Sieve Size #60 - Percent Finer	STL01276	19.4						% Passing	32748	01/19/2012 15:07	1	EMG
Sieve Size #80 - Percent Finer	STL01277	19.4						% Passing	32748	01/19/2012 15:07	1	EMG
Sieve Size #100 - Percent Finer	STL01269	19.4						% Passing	32748	01/19/2012 15:07	1	EMG
Sieve Size #200 - Percent Finer	STL01272	19.2						% Passing	32748	01/19/2012 15:07	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 8

Lab Sample ID: 600-48724-8
Client Matrix: Solid

Date Sampled: 01/11/2012 16:15
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	5.3						% Passing	32748	01/19/2012 15:07	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	5.3						% Passing	32748	01/19/2012 15:07	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	5.3						% Passing	32748	01/19/2012 15:07	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	5.1						% Passing	32748	01/19/2012 15:07	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	4.4						% Passing	32748	01/19/2012 15:07	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	3.7						% Passing	32748	01/19/2012 15:07	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	3.7						% Passing	32748	01/19/2012 15:07	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	14			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Percent Solids	STL00234	86			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.858			0.0256	0.250	0.0277	mg/Kg	70606	01/21/2012 12:06	1	SRP
Lead	7439-92-1	8.99			0.105	0.500	0.113	mg/Kg	70606	01/21/2012 12:06	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?:		N
Total Organic Carbon	7440-44-0	71.5			1.70	4.00	1.70	g/Kg	104333	01/20/2012 15:15	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 9

Lab Sample ID: 600-48724-9
Client Matrix: Solid

Date Sampled: 01/11/2012 16:36
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70035	01/13/2012 15:25		SRP
Method: ASTM D422,Solid										Dry Weight Corrected?:		N
Gravel	STL00581	39.0						%	32748	01/19/2012 15:09	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32748	01/19/2012 15:09	1	EMG
Sand	STL00582	40.4						%	32748	01/19/2012 15:09	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32748	01/19/2012 15:09	1	EMG
Coarse Sand	STL00583	16.9						%	32748	01/19/2012 15:09	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32748	01/19/2012 15:09	1	EMG
Medium Sand	STL00584	12.0						%	32748	01/19/2012 15:09	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32748	01/19/2012 15:09	1	EMG
Fine Sand	STL00585	11.5						%	32748	01/19/2012 15:09	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	92.6						% Passing	32748	01/19/2012 15:09	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	76.6						% Passing	32748	01/19/2012 15:09	1	EMG
Silt	STL00586	12.0						%	32748	01/19/2012 15:09	1	EMG
Clay	STL00587	8.6						%	32748	01/19/2012 15:09	1	EMG
Sieve Size #4 - Percent Finer	STL01274	61.0						% Passing	32748	01/19/2012 15:09	1	EMG
Sieve Size #10 - Percent Finer	STL01268	44.1						% Passing	32748	01/19/2012 15:09	1	EMG
Sieve Size #20 - Percent Finer	STL01271	36.3						% Passing	32748	01/19/2012 15:09	1	EMG
Sieve Size #40 - Percent Finer	STL01275	32.1						% Passing	32748	01/19/2012 15:09	1	EMG
Sieve Size #60 - Percent Finer	STL01276	26.6						% Passing	32748	01/19/2012 15:09	1	EMG
Sieve Size #80 - Percent Finer	STL01277	23.4						% Passing	32748	01/19/2012 15:09	1	EMG
Sieve Size #100 - Percent Finer	STL01269	22.3						% Passing	32748	01/19/2012 15:09	1	EMG
Sieve Size #200 - Percent Finer	STL01272	20.6						% Passing	32748	01/19/2012 15:09	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012 - SED - 9

Lab Sample ID: 600-48724-9
Client Matrix: Solid

Date Sampled: 01/11/2012 16:36
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	12.6						% Passing	32748	01/19/2012 15:09	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	11.3						% Passing	32748	01/19/2012 15:09	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	10.7						% Passing	32748	01/19/2012 15:09	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	9.9						% Passing	32748	01/19/2012 15:09	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	8.6						% Passing	32748	01/19/2012 15:09	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	7.3						% Passing	32748	01/19/2012 15:09	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	6.0						% Passing	32748	01/19/2012 15:09	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	23			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Percent Solids	STL00234	77			1.0	1.0	1.0	%	70053	01/13/2012 16:33	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.788			0.0256	0.250	0.0332	mg/Kg	70606	01/21/2012 12:09	1	SRP
Lead	7439-92-1	11.5			0.105	0.500	0.136	mg/Kg	70606	01/21/2012 12:09	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?:		N
Total Organic Carbon	7440-44-0	89.8			1.70	4.00	1.70	g/Kg	104333	01/20/2012 15:29	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48724-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Equipment Blank 5

Lab Sample ID: 600-48724-10
Client Matrix: Water

Date Sampled: 01/11/2012 16:54
Date Received: 01/12/2012 10:47

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							69977	01/13/2012 05:50		DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70135	01/16/2012 10:47	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70135	01/16/2012 10:47	1	DCL
Method: SW846 9060A,Water												
Total Organic Carbon - Duplicates	7440-44-0	0.279	J		0.155	1.00	0.155	mg/L	104369	01/20/2012 23:27	1	GEY

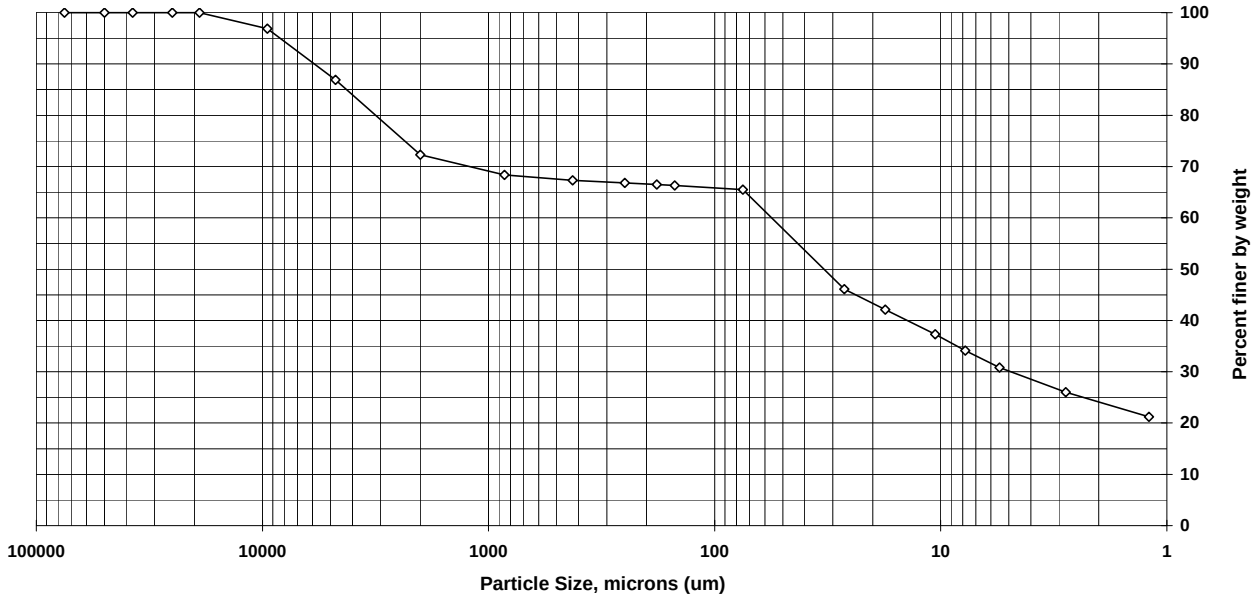
Particle Size of Soils by ASTM D422

				Date Received:	01/12/12
Sample ID:	2012 - SED - 1	**Percent Solids:**	75.6%	**Start Date:**	01/19/12
Lab ID:	600-48724-B-1	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	96.9	3.1
#4	4750	86.9	10.0
#10	2000	72.3	14.6
#20	850	68.4	3.9
#40	425	67.3	1.1
#60	250	66.8	0.5
#80	180	66.5	0.3
#100	150	66.3	0.2
#200	75	65.5	0.8
Hyd1	26.7	46.1	19.4
Hyd2	17.6	42.1	4.0
Hyd3	10.6	37.3	4.8
Hyd4	7.8	34.1	3.2
Hyd5	5.5	30.8	3.3
Hyd6	2.8	26.0	4.8
Hyd7	1.2	21.2	4.8

Soil Classification	Percent of sample
Gravel	13.1
Sand	21.4
Coarse Sand	14.6
Medium Sand	5.0
Fine Sand	1.8
Silt	34.7
Clay	30.8

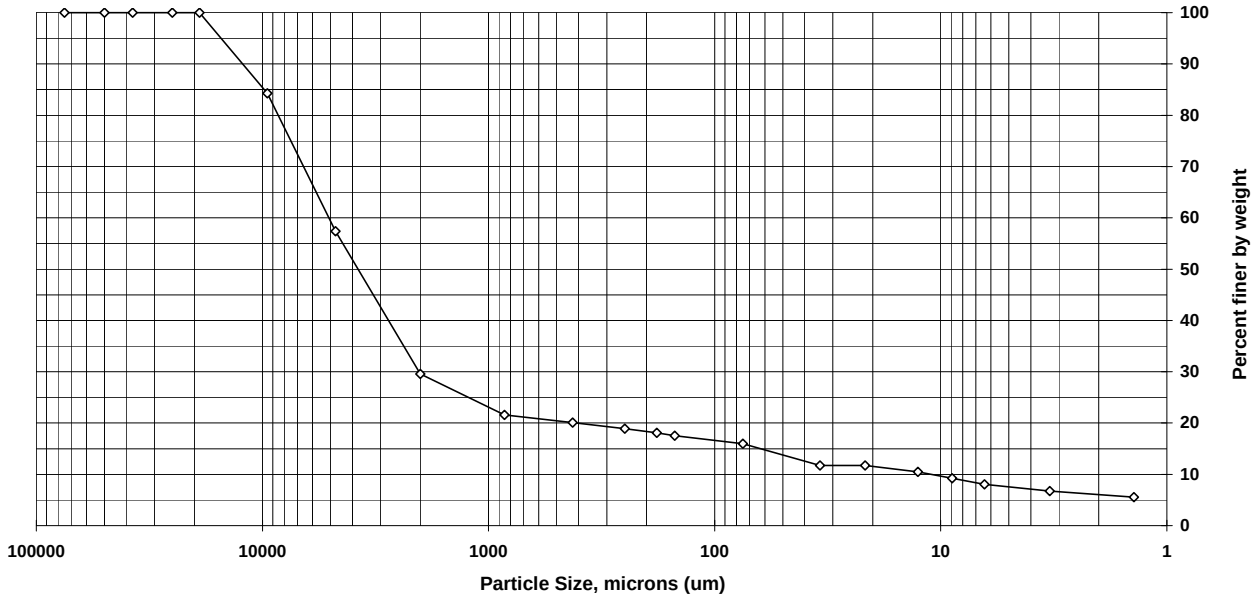
Particle Size of Soils by ASTM D422

				Date Received:	01/12/12
Sample ID:	2012 - SED - 2	**Percent Solids:**	79.2%	**Start Date:**	01/19/12
Lab ID:	600-48724-B-2	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: plant

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	84.3	15.7
#4	4750	57.4	26.9
#10	2000	29.6	27.8
#20	850	21.6	8.0
#40	425	20.1	1.5
#60	250	18.9	1.2
#80	180	18.1	0.8
#100	150	17.5	0.6
#200	75	16.0	1.5
Hyd1	34.2	11.7	4.3
Hyd2	21.6	11.7	0.0
Hyd3	12.6	10.5	1.2
Hyd4	8.9	9.3	1.2
Hyd5	6.4	8.1	1.2
Hyd6	3.3	6.7	1.3
Hyd7	1.4	5.5	1.2

Soil Classification	Percent of sample
Gravel	42.6
Sand	41.4
Coarse Sand	27.8
Medium Sand	9.5
Fine Sand	4.1
Silt	8.0
Clay	8.1

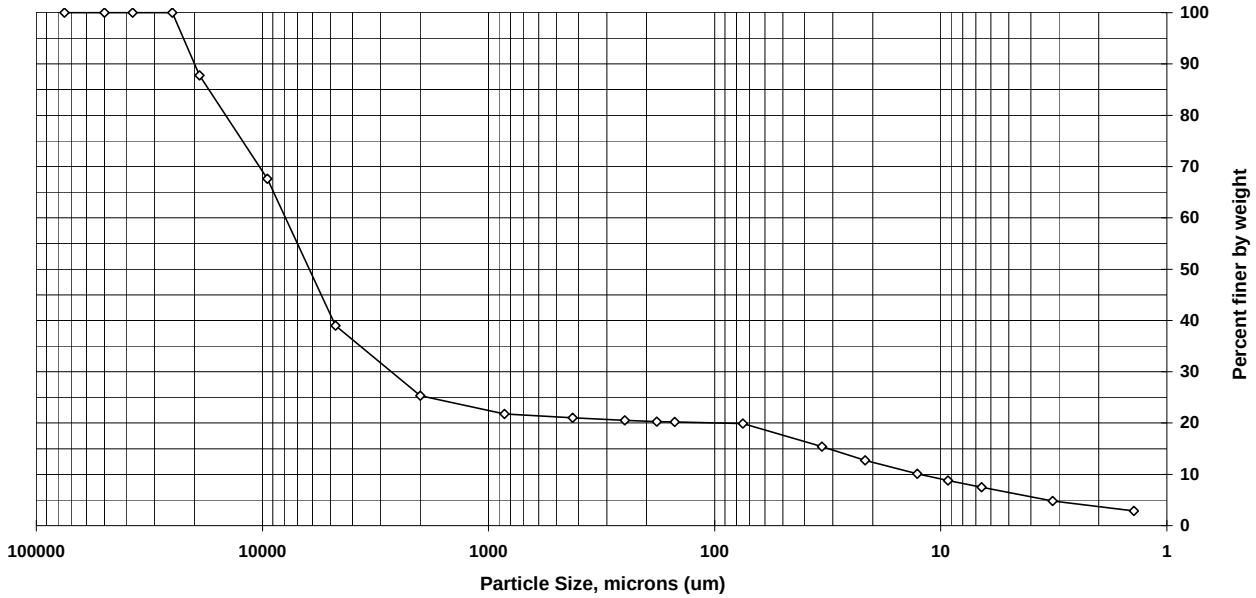
Particle Size of Soils by ASTM D422

				Date Received:	01/12/12
Sample ID:	2012 - SED - 3	**Percent Solids:**	82.8%	**Start Date:**	01/19/12
Lab ID:	600-48724-B-3	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	87.8	12.2
3/8 inch	9500	67.6	20.2
#4	4750	39.0	28.6
#10	2000	25.3	13.7
#20	850	21.8	3.5
#40	425	21.0	0.8
#60	250	20.5	0.5
#80	180	20.3	0.2
#100	150	20.2	0.1
#200	75	19.9	0.3
Hyd1	33.5	15.4	4.5
Hyd2	21.6	12.7	2.7
Hyd3	12.7	10.1	2.6
Hyd4	9.3	8.8	1.3
Hyd5	6.6	7.5	1.3
Hyd6	3.2	4.8	2.6
Hyd7	1.4	2.9	2.0

Soil Classification	Percent of sample
Gravel	61.0
Sand	19.1
Coarse Sand	13.7
Medium Sand	4.3
Fine Sand	1.1
Silt	12.4
Clay	7.5

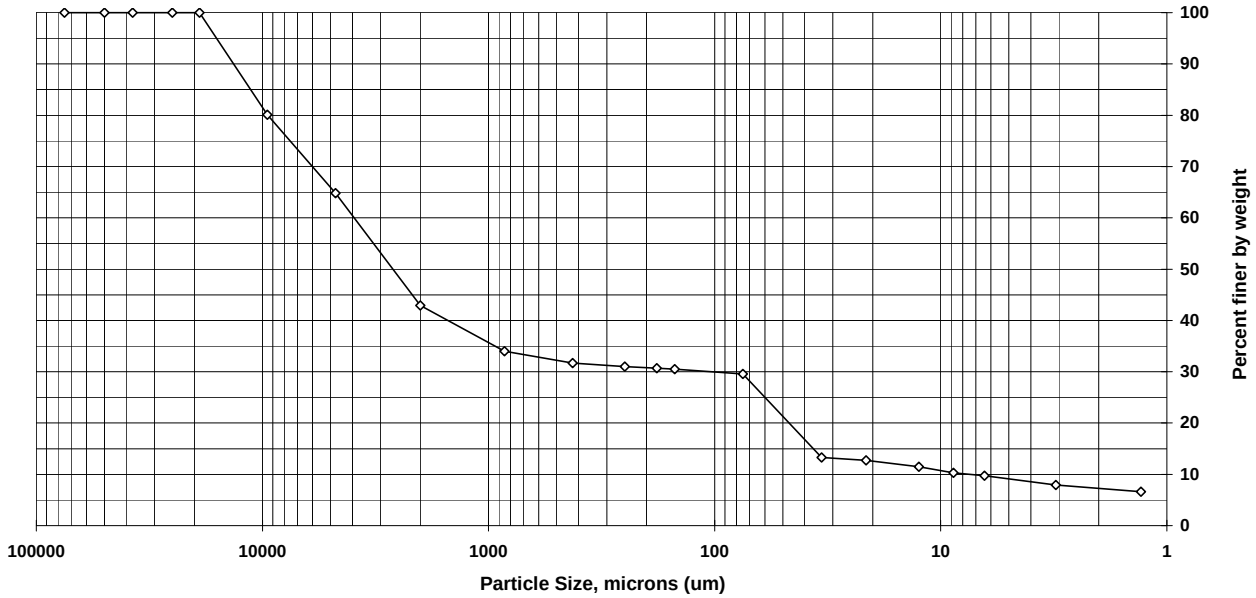
Particle Size of Soils by ASTM D422

				Date Received:	01/12/12
Sample ID:	2012 - SED - 4	**Percent Solids:**	84.0%	**Start Date:**	01/19/12
Lab ID:	600-48724-B-4	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	80.1	19.9
#4	4750	64.8	15.3
#10	2000	42.9	21.9
#20	850	34.0	8.9
#40	425	31.7	2.3
#60	250	31.0	0.7
#80	180	30.7	0.3
#100	150	30.5	0.2
#200	75	29.6	0.9
Hyd1	33.7	13.3	16.3
Hyd2	21.4	12.7	0.6
Hyd3	12.5	11.5	1.2
Hyd4	8.8	10.3	1.2
Hyd5	6.4	9.7	0.6
Hyd6	3.1	7.9	1.8
Hyd7	1.3	6.6	1.3

Soil Classification	Percent of sample
Gravel	35.2
Sand	35.2
Coarse Sand	21.9
Medium Sand	11.2
Fine Sand	2.1
Silt	19.9
Clay	9.7

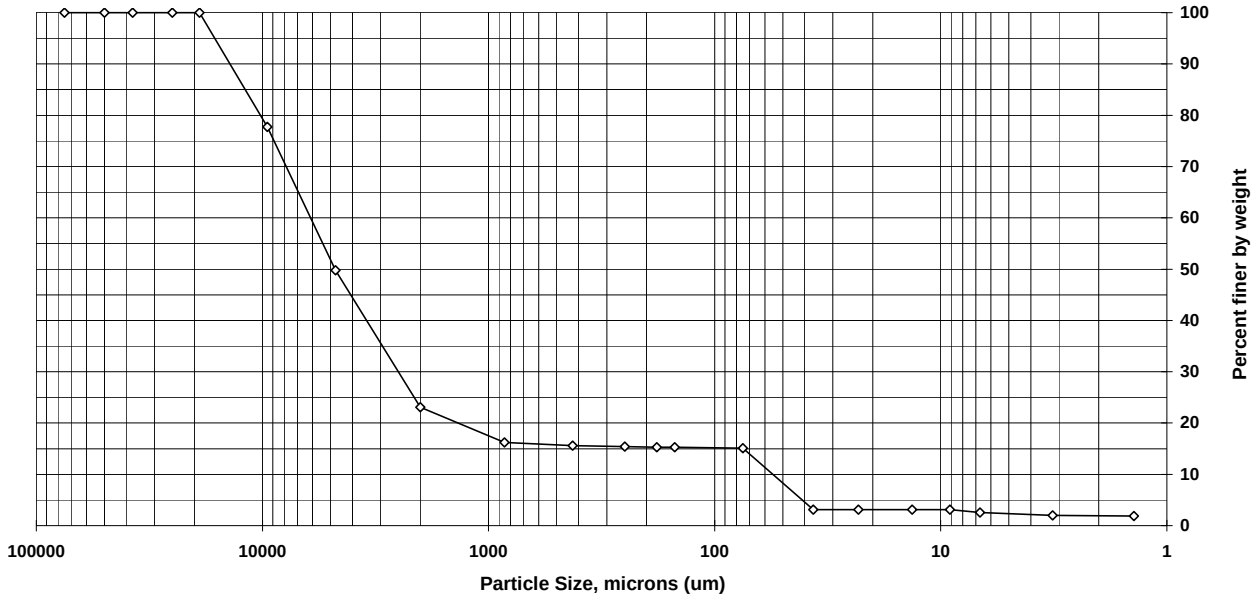
Particle Size of Soils by ASTM D422

				Date Received:	01/12/12
Sample ID:	2012 - SED - 5	**Percent Solids:**	87.4%	**Start Date:**	01/19/12
Lab ID:	600-48724-B-5	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	77.7	22.3
#4	4750	49.8	27.9
#10	2000	23.1	26.7
#20	850	16.2	6.9
#40	425	15.6	0.6
#60	250	15.4	0.2
#80	180	15.3	0.1
#100	150	15.3	0.0
#200	75	15.1	0.2
Hyd1	36.6	3.2	12.0
Hyd2	23.1	3.2	0.0
Hyd3	13.4	3.2	0.0
Hyd4	9.1	3.2	0.0
Hyd5	6.7	2.6	0.6
Hyd6	3.2	2.0	0.6
Hyd7	1.4	1.9	0.1

Soil Classification	Percent of sample
Gravel	50.2
Sand	34.7
Coarse Sand	26.7
Medium Sand	7.5
Fine Sand	0.5
Silt	12.5
Clay	2.6

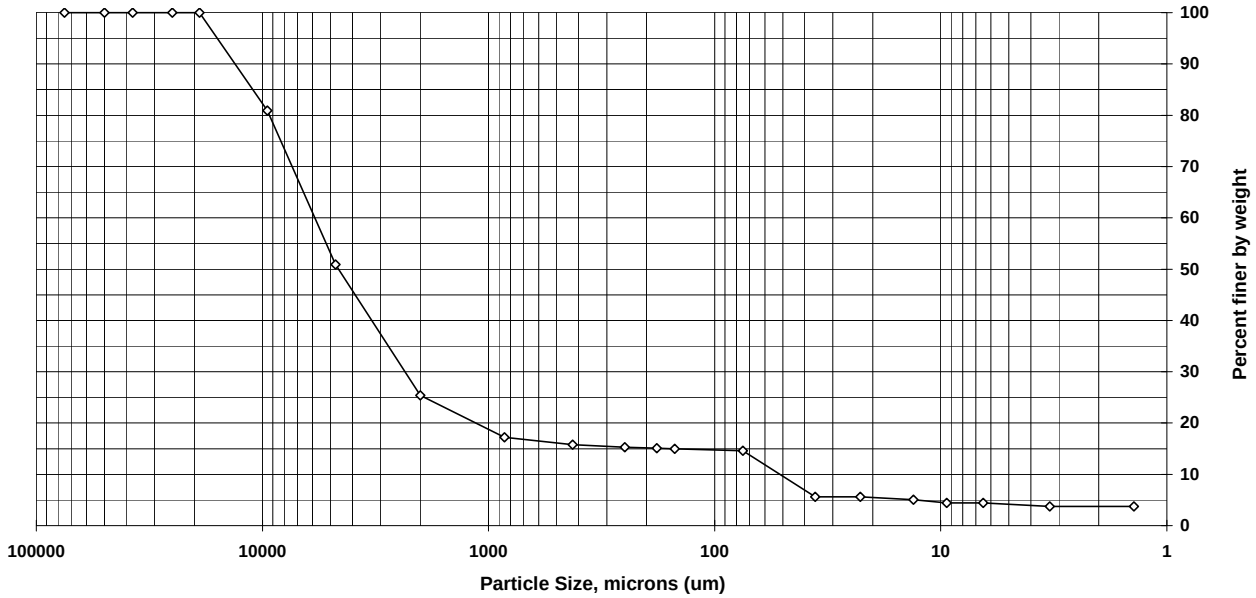
Particle Size of Soils by ASTM D422

				Date Received:	01/12/12
Sample ID:	2012 - SED - 6	**Percent Solids:**	84.9%	**Start Date:**	01/19/12
Lab ID:	600-48724-B-6	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	80.9	19.1
#4	4750	50.9	30.0
#10	2000	25.4	25.5
#20	850	17.2	8.2
#40	425	15.8	1.4
#60	250	15.3	0.5
#80	180	15.1	0.2
#100	150	15.0	0.1
#200	75	14.6	0.4
Hyd1	35.9	5.6	9.0
Hyd2	22.7	5.6	0.0
Hyd3	13.2	5.0	0.6
Hyd4	9.4	4.4	0.6
Hyd5	6.5	4.4	0.0
Hyd6	3.3	3.7	0.7
Hyd7	1.4	3.7	0.0

Soil Classification	Percent of sample
Gravel	49.1
Sand	36.3
Coarse Sand	25.5
Medium Sand	9.6
Fine Sand	1.2
Silt	10.2
Clay	4.4

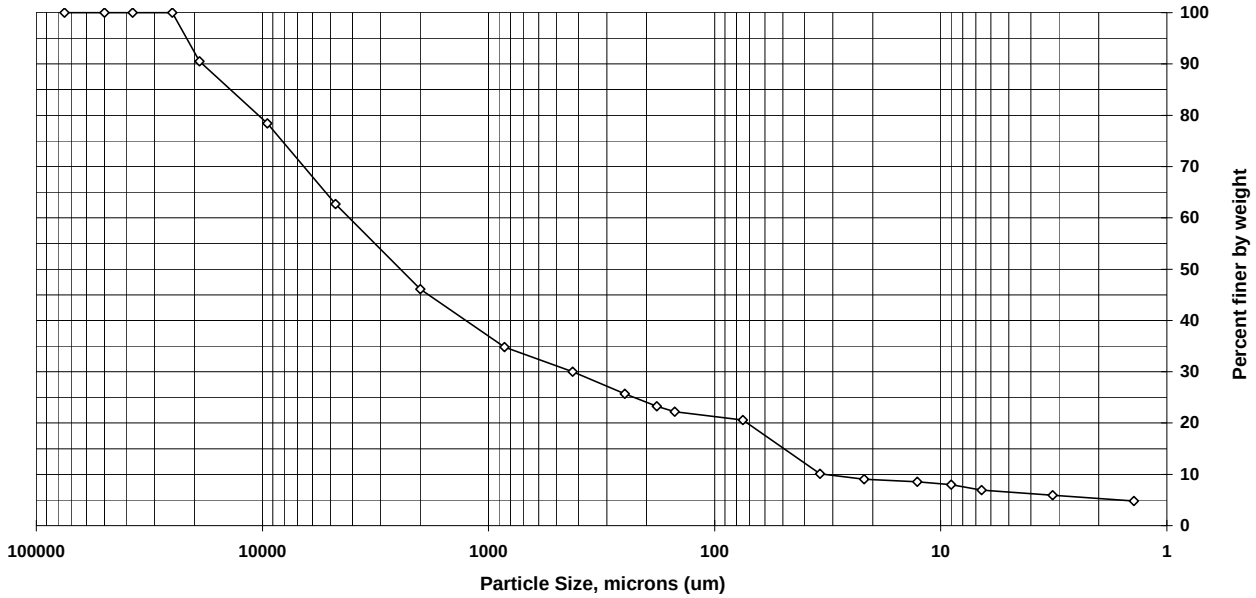
Particle Size of Soils by ASTM D422

				Date Received:	01/12/12
Sample ID:	2012 - SED - 7	**Percent Solids:**	84.6%	**Start Date:**	01/19/12
Lab ID:	600-48724-B-7	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: plant

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	90.5	9.5
3/8 inch	9500	78.4	12.1
#4	4750	62.7	15.7
#10	2000	46.1	16.6
#20	850	34.8	11.3
#40	425	30.0	4.8
#60	250	25.7	4.3
#80	180	23.3	2.4
#100	150	22.2	1.1
#200	75	20.6	1.6
Hyd1	34.2	10.1	10.5
Hyd2	21.8	9.0	1.1
Hyd3	12.7	8.5	0.5
Hyd4	9	8.0	0.5
Hyd5	6.6	7.0	1.1
Hyd6	3.2	5.9	1.0
Hyd7	1.4	4.8	1.1

Soil Classification	Percent of sample
Gravel	37.3
Sand	42.1
Coarse Sand	16.6
Medium Sand	16.1
Fine Sand	9.4
Silt	13.7
Clay	7.0

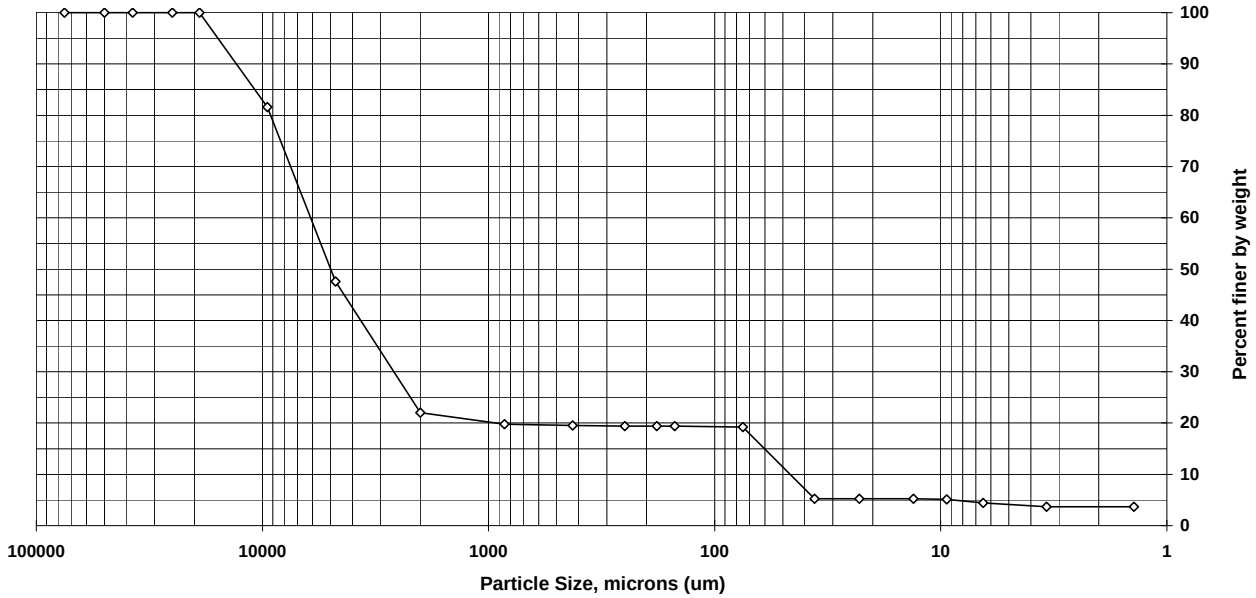
Particle Size of Soils by ASTM D422

				Date Received:	01/12/12
Sample ID:	2012 - SED - 8	**Percent Solids:**	86.3%	**Start Date:**	01/19/12
Lab ID:	600-48724-B-8	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	81.6	18.4
#4	4750	47.6	34.0
#10	2000	22.0	25.6
#20	850	19.8	2.2
#40	425	19.5	0.3
#60	250	19.4	0.1
#80	180	19.4	0.0
#100	150	19.4	0.0
#200	75	19.2	0.2
Hyd1	36.2	5.3	13.9
Hyd2	22.9	5.3	0.0
Hyd3	13.2	5.3	0.0
Hyd4	9.4	5.1	0.1
Hyd5	6.5	4.4	0.7
Hyd6	3.4	3.7	0.7
Hyd7	1.4	3.7	0.0

Soil Classification	Percent of sample
Gravel	52.4
Sand	28.4
Coarse Sand	25.6
Medium Sand	2.5
Fine Sand	0.3
Silt	14.8
Clay	4.4

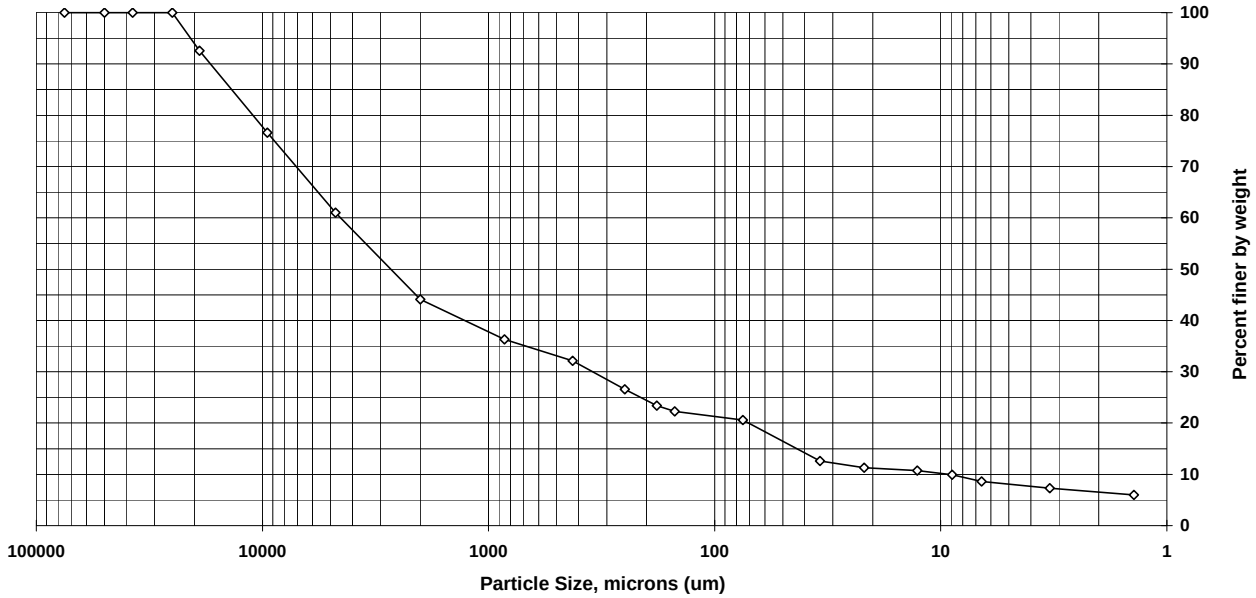
Particle Size of Soils by ASTM D422

				Date Received:	01/12/12
Sample ID:	2012 - SED - 9	**Percent Solids:**	82.9%	**Start Date:**	01/19/12
Lab ID:	600-48724-B-9	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	92.6	7.4
3/8 inch	9500	76.6	16.0
#4	4750	61.0	15.6
#10	2000	44.1	16.9
#20	850	36.3	7.8
#40	425	32.1	4.2
#60	250	26.6	5.5
#80	180	23.4	3.2
#100	150	22.3	1.1
#200	75	20.6	1.7
Hyd1	34.2	12.6	8.0
Hyd2	21.8	11.3	1.3
Hyd3	12.7	10.7	0.6
Hyd4	8.9	9.9	0.8
Hyd5	6.6	8.6	1.3
Hyd6	3.3	7.3	1.3
Hyd7	1.4	6.0	1.3

Soil Classification	Percent of sample
Gravel	39.0
Sand	40.4
Coarse Sand	16.9
Medium Sand	12.0
Fine Sand	11.5
Silt	12.0
Clay	8.6

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	2012 - SED - 1
Lab Sample ID	600-48724-B-1

Date Received	01/12/12
Start Date	01/19/2012 14:44
End Date	01/25/2012 6:17

Dry Weight Determination

Tin Weight	1.03	g
Wet Sample + Tin	28.59	g
Dry Sample + Tin	21.87	g
% Moisture	24.38	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 14:44
Date/Time out of oven	01/20/2012 9:05

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.83	179.76	131.93
Sample Weight (Oven Dried)			99.8

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			27.6
Sample <#10			72.2
% Passing #10			54.7

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.41	450.53	3.12	g	96.9	Gravel	
#4	4750	488.12	498.06	9.94	g	86.9	Gravel	
#10	2000	462.82	477.40	14.58	g	72.3	Sand	Coarse
#20	850	383.45	387.34	3.89	g	68.4	Sand	Medium
#40	425	353.46	354.51	1.05	g	67.3	Sand	Medium
#60	250	341.44	341.94	0.50	g	66.8	Sand	Fine
#80	180	330.36	330.61	0.25	g	66.5	Sand	Fine
#100	150	325.40	325.61	0.21	g	66.3	Sand	Fine
#200	75	312.32	313.15	0.83	g	65.5	Sand	Fine
				0.00	g	65.5		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	99.8

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0320	21.0	26.7	46.1	Silt	
5	5	1.0295	21.0	17.6	42.1	Silt	
15	15	1.0265	21.0	10.6	37.3	Silt	
30	29	1.0245	21.0	7.8	34.1	Silt	
60	63	1.0225	21.0	5.5	30.8	Silt	
250	250	1.0195	21.0	2.8	26	Clay	
1440	1434	1.0165	21.0	1.2	21.2	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012 - SED - 2
Lab Sample ID	600-48724-B-2

Date Received	01/12/12
Start Date	01/19/2012 14:50
End Date	01/25/2012 6:29

Dry Weight Determination

Tin Weight	0.98	g
Wet Sample + Tin	20.29	g
Dry Sample + Tin	16.27	g
% Moisture	20.82	%

Non-soil material:	plant
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 14:50
Date/Time out of oven	01/20/2012 9:05

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.84	216.41	168.57
Sample Weight (Oven Dried)			133

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			93.7
Sample <#10			39.3
% Passing #10			23.3

Hydrometer Data	
Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.41	468.34	20.93	g	84.3	Gravel	
#4	4750	488.12	523.91	35.79	g	57.4	Gravel	
#10	2000	462.82	499.85	37.03	g	29.6	Sand	Coarse
#20	850	383.45	394.04	10.59	g	21.6	Sand	Medium
#40	425	353.46	355.39	1.93	g	20.1	Sand	Medium
#60	250	341.44	343.08	1.64	g	18.9	Sand	Fine
#80	180	330.36	331.39	1.03	g	18.1	Sand	Fine
#100	150	325.40	326.16	0.76	g	17.5	Sand	Fine
#200	75	312.32	314.29	1.97	g	16.0	Sand	Fine
				0.00	g	16.0		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	133

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0130	21.0	34.2	11.7	Silt	
5	5	1.0130	21.0	21.6	11.7	Silt	
15	15	1.0120	21.0	12.6	10.5	Silt	
30	31	1.0110	21.0	8.9	9.26	Silt	
60	60	1.0100	21.0	6.4	8.05	Silt	
250	240	1.0090	20.5	3.3	6.74	Clay	
1440	1424	1.0080	20.5	1.4	5.53	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012 - SED - 3
Lab Sample ID	600-48724-B-3

Date Received	01/12/12
Start Date	01/19/2012 14:53
End Date	01/25/2012 6:42

Dry Weight Determination

Tin Weight	1.02	g
Wet Sample + Tin	20.88	g
Dry Sample + Tin	17.46	g
% Moisture	17.22	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 14:53
Date/Time out of oven	01/20/2012 9:06

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.78	195.56	147.78
Sample Weight (Oven Dried)			122

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			91.2
Sample <#10			30.8
% Passing #10			20.8

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000	457.79	472.72	14.93	g	87.8	Gravel	
3/8 inch	9500	447.41	472.04	24.63	g	67.6	Gravel	
#4	4750	488.12	523.02	34.90	g	39.0	Gravel	
#10	2000	462.82	479.53	16.71	g	25.3	Sand	Coarse
#20	850	383.45	387.75	4.30	g	21.8	Sand	Medium
#40	425	353.46	354.39	0.93	g	21.0	Sand	Medium
#60	250	341.44	341.99	0.55	g	20.5	Sand	Fine
#80	180	330.36	330.58	0.22	g	20.3	Sand	Fine
#100	150	325.40	325.54	0.14	g	20.2	Sand	Fine
#200	75	312.32	312.63	0.31	g	19.9	Sand	Fine
				0.00	g	19.9		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	122

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0150	21.0	33.5	15.4	Silt	
5	5	1.0130	21.0	21.6	12.7	Silt	
15	15	1.0110	21.0	12.7	10.1	Silt	
30	29	1.0100	21.0	9.3	8.78	Silt	
60	58	1.0090	21.0	6.6	7.46	Silt	
250	250	1.0070	21.0	3.2	4.83	Clay	
1440	1434	1.0055	21.0	1.4	2.85	Clay	

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Sediment Grain Size - D422

Client	
Client Sample ID	2012 - SED - 4
Lab Sample ID	600-48724-B-4

Date Received	01/12/12
Start Date	01/19/2012 14:56
End Date	01/25/2012 6:56

Dry Weight Determination

Tin Weight	1.01	g
Wet Sample + Tin	25.91	g
Dry Sample + Tin	21.93	g
% Moisture	15.98	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 14:56
Date/Time out of oven	01/20/2012 9:06

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	58.07	219.20	161.13
Sample Weight (Oven Dried)			135

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			77.1
Sample <#10			57.9
% Passing #10			35.9

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.41	474.29	26.88	g	80.1	Gravel	
#4	4750	488.12	508.72	20.60	g	64.8	Gravel	
#10	2000	462.82	492.42	29.60	g	42.9	Sand	Coarse
#20	850	383.45	395.42	11.97	g	34.0	Sand	Medium
#40	425	353.46	356.60	3.14	g	31.7	Sand	Medium
#60	250	341.44	342.37	0.93	g	31.0	Sand	Fine
#80	180	330.36	330.75	0.39	g	30.7	Sand	Fine
#100	150	325.40	325.70	0.30	g	30.5	Sand	Fine
#200	75	312.32	313.47	1.15	g	29.6	Sand	Fine
				0.00	g	29.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	135

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0145	21.0	33.7	13.3	Silt	
5	5	1.0140	21.0	21.4	12.7	Silt	
15	15	1.0130	21.0	12.5	11.5	Silt	
30	31	1.0120	21.0	8.8	10.3	Silt	
60	59	1.0115	21.0	6.4	9.72	Silt	
250	265	1.0100	21.0	3.1	7.93	Clay	
1440	1412	1.0090	20.5	1.3	6.64	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012 - SED - 5
Lab Sample ID	600-48724-B-5

Date Received	01/12/12
Start Date	01/19/2012 14:58
End Date	01/25/2012 7:09

Dry Weight Determination

Tin Weight	1.01	g
Wet Sample + Tin	22.54	g
Dry Sample + Tin	19.83	g
% Moisture	12.59	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 14:58
Date/Time out of oven	01/20/2012 9:06

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.77	202.94	155.17
Sample Weight (Oven Dried)			136

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			105
Sample <#10			31
% Passing #10			20

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.41	477.73	30.32	g	77.7	Gravel	
#4	4750	488.12	526.13	38.01	g	49.8	Gravel	
#10	2000	462.82	499.12	36.30	g	23.1	Sand	Coarse
#20	850	383.45	392.79	9.34	g	16.2	Sand	Medium
#40	425	353.46	354.32	0.86	g	15.6	Sand	Medium
#60	250	341.44	341.75	0.31	g	15.4	Sand	Fine
#80	180	330.36	330.47	0.11	g	15.3	Sand	Fine
#100	150	325.40	325.46	0.06	g	15.3	Sand	Fine
#200	75	312.32	312.65	0.33	g	15.1	Sand	Fine
				0.00	g	15.1		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	136

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0060	21.0	36.6	3.15	Silt	
5	5	1.0060	21.0	23.1	3.15	Silt	
15	15	1.0060	21.0	13.4	3.15	Silt	
30	32	1.0060	21.0	9.1	3.15	Silt	
60	60	1.0055	21.0	6.7	2.56	Silt	
250	259	1.0050	21.0	3.2	1.97	Clay	
1440	1406	1.0050	20.5	1.4	1.87	Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	2012 - SED - 6
Lab Sample ID	600-48724-B-6

Date Received	01/12/12
Start Date	01/19/2012 15:02
End Date	01/25/2012 7:22

Dry Weight Determination

Tin Weight	1.02	g
Wet Sample + Tin	16.16	g
Dry Sample + Tin	13.88	g
% Moisture	15.06	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:02
Date/Time out of oven	01/20/2012 9:06

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.86	204.96	157.1
Sample Weight (Oven Dried)			133

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			99.1
Sample <#10			33.9
% Passing #10			21.6

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.41	472.78	25.37	g	80.9	Gravel	
#4	4750	488.12	527.98	39.86	g	50.9	Gravel	
#10	2000	462.82	496.69	33.87	g	25.4	Sand	Coarse
#20	850	383.45	394.37	10.92	g	17.2	Sand	Medium
#40	425	353.46	355.35	1.89	g	15.8	Sand	Medium
#60	250	341.44	342.13	0.69	g	15.3	Sand	Fine
#80	180	330.36	330.62	0.26	g	15.1	Sand	Fine
#100	150	325.40	325.55	0.15	g	15.0	Sand	Fine
#200	75	312.32	312.84	0.52	g	14.6	Sand	Fine
				0.00	g	14.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	133

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0080	21.0	35.9	5.64	Silt	
5	5	1.0080	21.0	22.7	5.64	Silt	
15	15	1.0075	21.0	13.2	5.03	Silt	
30	30	1.0070	21.0	9.4	4.43	Silt	
60	63	1.0070	21.0	6.5	4.43	Silt	
250	253	1.0065	20.5	3.3	3.72	Clay	
1440	1400	1.0065	20.5	1.4	3.72	Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	2012 - SED - 7
Lab Sample ID	600-48724-B-7

Date Received	01/12/12
Start Date	01/19/2012 15:04
End Date	01/25/2012 7:35

Dry Weight Determination

Tin Weight	1.01	g
Wet Sample + Tin	21.09	g
Dry Sample + Tin	18.00	g
% Moisture	15.39	%

Non-soil material:	plant
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:04
Date/Time out of oven	01/20/2012 9:07

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.74	229.73	181.99
Sample Weight (Oven Dried)			154

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			83.2
Sample <#10			70.8
% Passing #10			38.9

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000	457.82	472.47	14.65	g	90.5	Gravel	
3/8 inch	9500	447.41	466.11	18.70	g	78.4	Gravel	
#4	4750	488.12	512.32	24.20	g	62.7	Gravel	
#10	2000	462.82	488.46	25.64	g	46.1	Sand	Coarse
#20	850	383.45	400.88	17.43	g	34.8	Sand	Medium
#40	425	353.46	360.79	7.33	g	30.0	Sand	Medium
#60	250	341.44	348.01	6.57	g	25.7	Sand	Fine
#80	180	330.36	333.99	3.63	g	23.3	Sand	Fine
#100	150	325.40	327.12	1.72	g	22.2	Sand	Fine
#200	75	312.32	314.80	2.48	g	20.6	Sand	Fine
				0.00	g	20.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	154

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0130	21.0	34.2	10.1	Silt	
5	5	1.0120	21.0	21.8	9.04	Silt	
15	15	1.0115	21.0	12.7	8.52	Silt	
30	30	1.0110	21.0	9	8	Silt	
60	57	1.0100	21.0	6.6	6.95	Silt	
250	247	1.0090	21.0	3.2	5.91	Clay	
1440	1394	1.0080	20.5	1.4	4.78	Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	2012 - SED - 8
Lab Sample ID	600-48724-B-8

Date Received	01/12/12
Start Date	01/19/2012 15:07
End Date	01/25/2012 7:48

Dry Weight Determination

Tin Weight	1.01	g
Wet Sample + Tin	18.98	g
Dry Sample + Tin	16.52	g
% Moisture	13.69	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:07
Date/Time out of oven	01/20/2012 9:07

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	58.14	188.45	130.31
Sample Weight (Oven Dried)			112

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			87.4
Sample <#10			24.6
% Passing #10			18.9

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.41	468.02	20.61	g	81.6	Gravel	
#4	4750	488.12	526.24	38.12	g	47.6	Gravel	
#10	2000	462.82	491.49	28.67	g	22.0	Sand	Coarse
#20	850	383.45	385.95	2.50	g	19.8	Sand	Medium
#40	425	353.46	353.78	0.32	g	19.5	Sand	Medium
#60	250	341.44	341.54	0.10	g	19.4	Sand	Fine
#80	180	330.36	330.39	0.03	g	19.4	Sand	Fine
#100	150	325.40	325.41	0.01	g	19.4	Sand	Fine
#200	75	312.32	312.52	0.20	g	19.2	Sand	Fine
				0.00	g	19.2		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	112

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0070	21.0	36.2	5.26	Silt	
5	5	1.0070	21.0	22.9	5.26	Silt	
15	15	1.0070	21.0	13.2	5.26	Silt	
30	30	1.0070	20.5	9.4	5.14	Silt	
60	63	1.0065	20.5	6.5	4.42	Silt	
250	241	1.0060	20.5	3.4	3.7	Clay	
1440	1388	1.0060	20.5	1.4	3.7	Clay	

TestAmerica Burlington

Sediment Grain Size - D422

Client	
Client Sample ID	2012 - SED - 9
Lab Sample ID	600-48724-B-9

Date Received	01/12/12
Start Date	01/19/2012 15:09
End Date	01/25/2012 8:00

Dry Weight Determination

Tin Weight	1.00	g
Wet Sample + Tin	31.41	g
Dry Sample + Tin	26.21	g
% Moisture	17.10	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:09
Date/Time out of oven	01/20/2012 9:07

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.74	195.70	147.96
Sample Weight (Oven Dried)			123

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			68.8
Sample <#10			54.2
% Passing #10			36.6

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000	457.79	466.91	9.12	g	92.6	Gravel	
3/8 inch	9500	447.41	467.15	19.74	g	76.6	Gravel	
#4	4750	488.12	507.25	19.13	g	61.0	Gravel	
#10	2000	462.82	483.66	20.84	g	44.1	Sand	Coarse
#20	850	383.45	393.02	9.57	g	36.3	Sand	Medium
#40	425	353.46	358.58	5.12	g	32.1	Sand	Medium
#60	250	341.44	348.17	6.73	g	26.6	Sand	Fine
#80	180	330.36	334.34	3.98	g	23.4	Sand	Fine
#100	150	325.40	326.79	1.39	g	22.3	Sand	Fine
#200	75	312.32	314.37	2.05	g	20.6	Sand	Fine
				0.00	g	20.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	123

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0130	21.0	34.2	12.6	Silt	
5	5	1.0120	21.0	21.8	11.3	Silt	
15	15	1.0115	21.0	12.7	10.7	Silt	
30	31	1.0110	20.5	8.9	9.9	Silt	
60	57	1.0100	20.5	6.6	8.6	Silt	
250	235	1.0090	20.5	3.3	7.29	Clay	
1440	1382	1.0080	20.5	1.4	5.98	Clay	

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48724-1

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
General Chemistry		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-69977					
LCS 600-69977/2-A	Lab Control Sample	T	Water	3010A	
MB 600-69977/1-A	Method Blank	T	Water	3010A	
600-48724-10	Equipment Blank 5	T	Water	3010A	
600-48724-10DU	Duplicate	T	Water	3010A	
600-48724-10MS	Matrix Spike	T	Water	3010A	
600-48724-10MSD	Matrix Spike Duplicate	T	Water	3010A	
Prep Batch: 600-70035					
LCS 600-70035/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-70035/1-A	Method Blank	T	Solid	3050B	
600-48724-1	2012 - SED - 1	T	Solid	3050B	
600-48724-2	2012 - SED - 2	T	Solid	3050B	
600-48724-3	2012 - SED - 3	T	Solid	3050B	
600-48724-4	2012 - SED - 4	T	Solid	3050B	
600-48724-5	2012 - SED - 5	T	Solid	3050B	
600-48724-6	2012 - SED - 6	T	Solid	3050B	
600-48724-6MS	Matrix Spike	T	Solid	3050B	
600-48724-6MSD	Matrix Spike Duplicate	T	Solid	3050B	
600-48724-7	2012 - SED - 7	T	Solid	3050B	
600-48724-8	2012 - SED - 8	T	Solid	3050B	
600-48724-9	2012 - SED - 9	T	Solid	3050B	
Analysis Batch:600-70135					
LCS 600-69977/2-A	Lab Control Sample	T	Water	6010B	600-69977
MB 600-69977/1-A	Method Blank	T	Water	6010B	600-69977
600-48724-10	Equipment Blank 5	T	Water	6010B	600-69977
600-48724-10DU	Duplicate	T	Water	6010B	600-69977
600-48724-10MS	Matrix Spike	T	Water	6010B	600-69977
600-48724-10MSD	Matrix Spike Duplicate	T	Water	6010B	600-69977
Analysis Batch:600-70606					
LCS 600-70035/2-A	Lab Control Sample	T	Solid	6010B	600-70035
MB 600-70035/1-A	Method Blank	T	Solid	6010B	600-70035
600-48724-1	2012 - SED - 1	T	Solid	6010B	600-70035
600-48724-2	2012 - SED - 2	T	Solid	6010B	600-70035
600-48724-3	2012 - SED - 3	T	Solid	6010B	600-70035
600-48724-4	2012 - SED - 4	T	Solid	6010B	600-70035
600-48724-5	2012 - SED - 5	T	Solid	6010B	600-70035
600-48724-6	2012 - SED - 6	T	Solid	6010B	600-70035
600-48724-6MS	Matrix Spike	T	Solid	6010B	600-70035
600-48724-6MSD	Matrix Spike Duplicate	T	Solid	6010B	600-70035
600-48724-7	2012 - SED - 7	T	Solid	6010B	600-70035
600-48724-8	2012 - SED - 8	T	Solid	6010B	600-70035
600-48724-9	2012 - SED - 9	T	Solid	6010B	600-70035

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Report Basis					
T = Total					
General Chemistry					
Analysis Batch:600-70053					
600-48724-1	2012 - SED - 1	T	Solid	Moisture	
600-48724-1DU	Duplicate	T	Solid	Moisture	
600-48724-2	2012 - SED - 2	T	Solid	Moisture	
600-48724-3	2012 - SED - 3	T	Solid	Moisture	
600-48724-4	2012 - SED - 4	T	Solid	Moisture	
600-48724-5	2012 - SED - 5	T	Solid	Moisture	
600-48724-6	2012 - SED - 6	T	Solid	Moisture	
600-48724-6MS	Matrix Spike	T	Solid	Moisture	
600-48724-6MSD	Matrix Spike Duplicate	T	Solid	Moisture	
600-48724-7	2012 - SED - 7	T	Solid	Moisture	
600-48724-8	2012 - SED - 8	T	Solid	Moisture	
600-48724-9	2012 - SED - 9	T	Solid	Moisture	
Analysis Batch:280-104333					
LCS 280-104333/3	Lab Control Sample	T	Solid	9060A	
LCSD 280-104333/4	Lab Control Sample Duplicate	T	Solid	9060A	
MB 280-104333/5	Method Blank	T	Solid	9060A	
600-48724-1	2012 - SED - 1	T	Solid	9060A	
600-48724-1MS	Matrix Spike	T	Solid	9060A	
600-48724-1MSD	Matrix Spike Duplicate	T	Solid	9060A	
600-48724-2	2012 - SED - 2	T	Solid	9060A	
600-48724-3	2012 - SED - 3	T	Solid	9060A	
600-48724-4	2012 - SED - 4	T	Solid	9060A	
600-48724-5	2012 - SED - 5	T	Solid	9060A	
600-48724-6	2012 - SED - 6	T	Solid	9060A	
600-48724-7	2012 - SED - 7	T	Solid	9060A	
600-48724-8	2012 - SED - 8	T	Solid	9060A	
600-48724-9	2012 - SED - 9	T	Solid	9060A	
Analysis Batch:280-104369					
LCS 280-104369/3	Lab Control Sample	T	Water	9060A	
LCSD 280-104369/4	Lab Control Sample Duplicate	T	Water	9060A	
MB 280-104369/5	Method Blank	T	Water	9060A	
600-48724-10	Equipment Blank 5	T	Water	9060A	

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Geotechnical					
Analysis Batch:200-32748					
600-48724-1	2012 - SED - 1	T	Solid	D422	
600-48724-2	2012 - SED - 2	T	Solid	D422	
600-48724-3	2012 - SED - 3	T	Solid	D422	
600-48724-4	2012 - SED - 4	T	Solid	D422	
600-48724-5	2012 - SED - 5	T	Solid	D422	
600-48724-6	2012 - SED - 6	T	Solid	D422	
600-48724-7	2012 - SED - 7	T	Solid	D422	
600-48724-8	2012 - SED - 8	T	Solid	D422	
600-48724-9	2012 - SED - 9	T	Solid	D422	

Report Basis

T = Total

Method Blank - Batch: 600-69977

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-69977/1-A	Analysis Batch:	600-70135	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69977	Lab File ID:	A011612.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/16/2012 0943	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0550				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0004000	J	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-69977

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-69977/2-A	Analysis Batch:	600-70135	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69977	Lab File ID:	A011612.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/16/2012 0946	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0550				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.4878	98	80 - 120	
Lead	1.00	0.9717	97	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69977

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48724-10	Analysis Batch:	600-70135	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69977	Lab File ID:	A011612.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/16/2012 1052			Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0550				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48724-10	Analysis Batch:	600-70135	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69977	Lab File ID:	A011612.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/16/2012 1054			Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0550				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	95	96	75 - 125	1	20		
Lead	95	95	75 - 125	0	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-69977

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48724-10	Units: mg/L	MSD Lab Sample ID:	600-48724-10	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	01/16/2012 1052		Analysis Date:	01/16/2012 1054	
Prep Date:	01/13/2012 0550		Prep Date:	01/13/2012 0550	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.4750	0.4777
Lead	0.00290	U	1.00	1.00	0.9509	0.9497

Duplicate - Batch: 600-69977

Method: 6010B
Preparation: 3010A

Lab Sample ID:	600-48724-10	Analysis Batch:	600-70135	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-69977	Lab File ID:	A011612.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/16/2012 1049	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 0550				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.000350	U	0.000350	NC	20	U
Lead	0.00290	U	0.00290	NC	20	U

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Method Blank - Batch: 600-70035

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-70035/1-A	Analysis Batch:	600-70606	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70035	Lab File ID:	A012112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/21/2012 1104	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 1525				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Lead	0.105	U	0.105	0.500

Lab Control Sample - Batch: 600-70035

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-70035/2-A	Analysis Batch:	600-70606	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70035	Lab File ID:	A012112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/21/2012 1108	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 1525				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	60.98	86	81 - 119	
Lead	144	121.4	84	79 - 121	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70035

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48724-6	Analysis Batch:	600-70606	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70035	Lab File ID:	A012112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	01/21/2012 1154			Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 1525				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48724-6	Analysis Batch:	600-70606	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70035	Lab File ID:	A012112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	01/21/2012 1158			Final Weight/Volume:	50 mL
Prep Date:	01/13/2012 1525				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	73	68	75 - 125	5	20	N	N
Lead	74	67	75 - 125	7	20	N	N

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70035

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48724-6	Units: mg/Kg	MSD Lab Sample ID:	600-48724-6	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	01/21/2012 1154		Analysis Date:	01/21/2012 1158	
Prep Date:	01/13/2012 1525		Prep Date:	01/13/2012 1525	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	1.03	28.0	28.6	21.46	N	20.48	N
Lead	10.4	56.0	57.1	52.04	N	48.39	N

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Method Blank - Batch: 280-104333

Method: 9060A
Preparation: N/A

Lab Sample ID:	MB 280-104333/5	Analysis Batch:	280-104333	Instrument ID:	WC_Leco
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01202012.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/20/2012 1418	Units:	g/Kg	Final Weight/Volume:	0.2411 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Organic Carbon	1.70	U	1.70	4.00

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-104333

Method: 9060A
Preparation: N/A

LCS Lab Sample ID:	LCS 280-104333/3	Analysis Batch:	280-104333	Instrument ID:	WC_Leco
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01202012.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/20/2012 1410	Units:	g/Kg	Final Weight/Volume:	0.2035 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-104333/4	Analysis Batch:	280-104333	Instrument ID:	WC_Leco
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01202012.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/20/2012 1416	Units:	g/Kg	Final Weight/Volume:	0.2023 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon	85	74	46 - 130	14	20	J	J

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-104333

Method: 9060A
Preparation: N/A

LCS Lab Sample ID:	LCS 280-104333/3	Units:	g/Kg	LCSD Lab Sample ID:	LCSD 280-104333/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/20/2012 1410			Analysis Date:	01/20/2012 1416
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Total Organic Carbon	4.11	4.11	3.493 J	3.048 J

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-104333

Method: 9060A
Preparation: N/A

MS Lab Sample ID:	600-48724-1	Analysis Batch:	280-104333	Instrument ID:	WC_Leco
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01202012.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/20/2012 1442			Final Weight/Volume:	0.2212 g
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48724-1	Analysis Batch:	280-104333	Instrument ID:	WC_Leco
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01202012.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/20/2012 1445			Final Weight/Volume:	0.2157 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Organic Carbon	100	102	46 - 130	3	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-104333

Method: 9060A
Preparation: N/A

MS Lab Sample ID:	600-48724-1	Units: g/Kg		MSD Lab Sample ID:	600-48724-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/20/2012 1442			Analysis Date:	01/20/2012 1445
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Organic Carbon	4.77	120	120	124.3	127.5

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Method Blank - Batch: 280-104369

Method: 9060A
Preparation: N/A

Lab Sample ID:	MB 280-104369/5	Analysis Batch:	280-104369	Instrument ID:	WC_SHI2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	012012.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	01/20/2012 1958	Units:	mg/L	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Organic Carbon - Duplicates	0.155	U	0.155	1.00

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-104369

Method: 9060A
Preparation: N/A

LCS Lab Sample ID:	LCS 280-104369/3	Analysis Batch:	280-104369	Instrument ID:	WC_SHI2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	012012.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	01/20/2012 1922	Units:	mg/L	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-104369/4	Analysis Batch:	280-104369	Instrument ID:	WC_SHI2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	012012.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	01/20/2012 1941	Units:	mg/L	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon - Duplicates	103	102	88 - 112	1	15		

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-104369

Method: 9060A
Preparation: N/A

LCS Lab Sample ID:	LCS 280-104369/3	Units:	mg/L	LCSD Lab Sample ID:	LCSD 280-104369/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/20/2012 1922			Analysis Date:	01/20/2012 1941
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Total Organic Carbon - Duplicates	25.0	25.0	25.72	25.59

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Duplicate - Batch: 600-70053

Method: Moisture
Preparation: N/A

Lab Sample ID:	600-48724-1	Analysis Batch:	600-70053	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/13/2012 1633	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	33	31	7.00		
Percent Solids	67	69	3.00		

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012 - SED - 1	600-48724-1
2012 - SED - 2	600-48724-2
2012 - SED - 3	600-48724-3
2012 - SED - 4	600-48724-4
2012 - SED - 5	600-48724-5
2012 - SED - 6	600-48724-6
2012 - SED - 7	600-48724-7
2012 - SED - 8	600-48724-8
2012 - SED - 9	600-48724-9
Equipment Blank 5	600-48724-10

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SED - 1
Lab Sample ID: 600-48724-1
Lab Name: TestAmerica Houston
Job No.: 600-48724-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/11/2012 10:53
Reporting Basis: DRY
Date Received: 01/12/2012 10:47
% Solids: 67.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.338	0.349	0.0358	mg/Kg	J		1	6010B
7439-92-1	Lead	7.09	0.698	0.146	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SED - 2 Lab Sample ID: 600-48724-2

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 11:20

Reporting Basis: DRY Date Received: 01/12/2012 10:47

% Solids: 83.3

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.794	0.275	0.0282	mg/Kg			1	6010B
7439-92-1	Lead	15.1	0.550	0.115	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SED - 3 Lab Sample ID: 600-48724-3

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 11:58

Reporting Basis: DRY Date Received: 01/12/2012 10:47

% Solids: 88.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.40	0.280	0.0287	mg/Kg			1	6010B
7439-92-1	Lead	17.1	0.559	0.117	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SED - 4 Lab Sample ID: 600-48724-4

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 14:28

Reporting Basis: DRY Date Received: 01/12/2012 10:47

% Solids: 82.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	2.08	0.290	0.0297	mg/Kg			1	6010B
7439-92-1	Lead	14.9	0.579	0.121	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SED - 5
Lab Sample ID: 600-48724-5
Lab Name: TestAmerica Houston
Job No.: 600-48724-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/11/2012 14:54
Reporting Basis: DRY
Date Received: 01/12/2012 10:47
% Solids: 87.4

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.43	0.283	0.0291	mg/Kg			1	6010B
7439-92-1	Lead	10.9	0.567	0.119	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SED - 6
Lab Sample ID: 600-48724-6
Lab Name: TestAmerica Houston
Job No.: 600-48724-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/11/2012 15:13
Reporting Basis: DRY
Date Received: 01/12/2012 10:47
% Solids: 86.7

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.03	0.288	0.0296	mg/Kg			1	6010B
7439-92-1	Lead	10.4	0.577	0.121	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SED - 7
Lab Sample ID: 600-48724-7
Lab Name: TestAmerica Houston
Job No.: 600-48724-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/11/2012 15:50
Reporting Basis: DRY
Date Received: 01/12/2012 10:47
% Solids: 77.3

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.844	0.308	0.0316	mg/Kg			1	6010B
7439-92-1	Lead	10.4	0.616	0.129	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SED - 8 | Lab Sample ID: 600-48724-8

Lab Name: TestAmerica Houston | Job No.: 600-48724-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/11/2012 16:15

Reporting Basis: DRY | Date Received: 01/12/2012 10:47

% Solids: 85.7

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.858	0.270	0.0277	mg/Kg			1	6010B
7439-92-1	Lead	8.99	0.540	0.113	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012 - SED - 9
Lab Sample ID: 600-48724-9
Lab Name: TestAmerica Houston
Job No.: 600-48724-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/11/2012 16:36
Reporting Basis: DRY
Date Received: 01/12/2012 10:47
% Solids: 76.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.788	0.323	0.0332	mg/Kg			1	6010B
7439-92-1	Lead	11.5	0.647	0.136	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Equipment Blank 5 Lab Sample ID: 600-48724-10

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG ID.:

Matrix: Water Date Sampled: 01/11/2012 16:54

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

ICV Source: MET0112CCV_00003 Concentration Units: mg/L

CCV Source: MET0112CCV_00003

Analyte	ICV 600-70135/9 01/16/2012 08:21				CCV 600-70135/27 01/16/2012 09:15				CCV 600-70135/40 01/16/2012 09:48			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4965		0.500	99	0.4953		0.500	99	0.5015		0.500	100
Lead	0.4948		0.500	99	0.4956		0.500	99	0.5052		0.500	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

ICV Source: MET0112CCV_00003 Concentration Units: mg/L

CCV Source: MET0112CCV_00003

Analyte	CCV 600-70135/53 01/16/2012 10:23				CCV 600-70135/66 01/16/2012 10:57				CCV 600-70135/77 01/16/2012 11:26			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4945		0.500	99	0.4934		0.500	99	0.4948		0.500	99
Lead	0.4940		0.500	99	0.4950		0.500	99	0.4990		0.500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-70606/4 01/21/2012 07:32				CCV 600-70606/54 01/21/2012 10:56				CCV 600-70606/66 01/21/2012 11:43			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5132		0.500	103	0.5143		0.500	103	0.5002		0.500	100
Lead	0.5119		0.500	102	0.5038		0.500	101	0.4852		0.500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-70606/78 01/21/2012 12:29				CCV 600-70606/89 01/21/2012 13:11							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5094		0.500	102	0.5228		0.500	105				
Lead	0.4906		0.500	98	0.4972		0.500	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-70606/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005390		108	0-500
Lead	0.0100	0.01055		106	0-500

Lab Sample ID: CRI 600-70606/86 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005440		109	0-500
Lead	0.0100	0.01094		109	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70135/11 01/16/2012 08:26		CCB 600-70135/29 01/16/2012 09:20		CCB 600-70135/42 01/16/2012 09:54		CCB 600-70135/55 01/16/2012 10:28	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70135/68 01/16/2012 11:02		CCB 600-70135/79 01/16/2012 11:31					
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U				
Lead	0.0100	0.00290	U	0.00290	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70606/5 01/21/2012 07:36		CCB 600-70606/55 01/21/2012 11:00		CCB 600-70606/67 01/21/2012 11:46		CCB 600-70606/79 01/21/2012 12:33	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70606/90 01/21/2012 13:15							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-69977/1-A

Instrument Code: Thermo6500 Batch No.: 70135

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0004000	J		6010B
7439-92-1	Lead	0.00290	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-70035/1-A

Instrument Code: TJA1 Batch No.: 70606

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.105	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Lab Sample ID: ICSA 600-70135/12 Instrument ID: Thermo6500

Lab File ID: A011612.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0116**	
Aluminum	*500*	*515*	*103*
Antimony		*-0.0074*	
Arsenic		*0.0035*	
Barium		*0.0008*	
Beryllium		*0.0002*	
Boron		*-0.0013*	
Calcium	*500*	*507*	*101*
Chromium		*0.0025*	
Cobalt		*0.0001*	
Copper		*0.0030*	
Iron	*200*	*200*	*100*
Lithium		*0.0078*	
Magnesium	*500*	*603*	*121*
Manganese		*-0.0055*	
Molybdenum		*-0.0007*	
Nickel		*0.0056*	
Potassium		*0.0064*	
Selenium		*0.0031*	
Silicon		*-0.0209*	
Silver		*-0.0003*	
Sodium		*0.0165*	
Strontium		*0.0024*	
Thallium		*-0.0054*	
Tin		*0.0018*	
Titanium		*0.0024*	
Vanadium		*-0.0065*	
Zinc		*0.0043*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Lab Sample ID: ICSAB 600-70135/13 Instrument ID: Thermo6500

Lab File ID: A011612.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.525**	**105**
Lead	**1.00**	**0.971**	**97**
Aluminum	*510*	*527*	*103*
Antimony	*1.00*	*0.980*	*98*
Arsenic	*1.00*	*1.02*	*102*
Barium	*1.00*	*1.14*	*114*
Beryllium	*0.500*	*0.538*	*108*
Boron	*1.00*	*1.12*	*112*
Calcium	*510*	*523*	*103*
Chromium	*1.00*	*0.961*	*96*
Cobalt	*1.00*	*1.01*	*101*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*211*	*101*
Lithium	*1.00*	*1.09*	*109*
Magnesium	*510*	*616*	*121*
Manganese	*1.00*	*0.946*	*95*
Molybdenum	*1.00*	*0.933*	*93*
Nickel	*1.00*	*1.00*	*100*
Potassium	*10.0*	*11.4*	*114*
Selenium	*1.00*	*1.01*	*101*
Silicon	*1.00*	*0.978*	*98*
Silver	*0.500*	*0.565*	*113*
Sodium	*10.0*	*11.1*	*111*
Strontium	*0.500*	*0.558*	*112*
Thallium	*1.00*	*0.935*	*93*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*0.984*	*98*
Vanadium	*1.00*	*0.973*	*97*
Zinc	*1.00*	*1.04*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Lab Sample ID: ICSA 600-70606/7 Instrument ID: TJA1

Lab File ID: A012112 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0048**	
Lead		**0.0080**	
Aluminum	*500*	*501*	*100*
Antimony		*0.0011*	
Arsenic		*-0.0006*	
Barium		*0.0017*	
Beryllium		*-0.0002*	
Boron		*-0.0018*	
Calcium	*500*	*453*	*91*
Chromium		*0.0015*	
Cobalt		*0.0001*	
Copper		*0.0133*	
Iron	*200*	*192*	*96*
Lithium		*0.0045*	
Magnesium	*500*	*506*	*101*
Manganese		*-0.0077*	
Molybdenum		*-0.0005*	
Nickel		*0.0000*	
Potassium		*0.0812*	
Selenium		*-0.0115*	
Silicon		*0.0099*	
Silver		*-0.0001*	
Sodium		*0.153*	
Strontium		*-0.0090*	
Thallium		*-0.0086*	
Tin		*-0.0014*	
Titanium		*-0.0025*	
Vanadium		*0.0037*	
Zinc		*0.0014*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Lab Sample ID: ICSAB 600-70606/8 Instrument ID: TJA1

Lab File ID: A012112 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.470**	**94**
Lead	**1.00**	**0.959**	**96**
Aluminum	*510*	*507*	*99*
Antimony	*1.00*	*1.03*	*103*
Arsenic	*1.00*	*1.02*	*102*
Barium	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.484*	*97*
Boron	*1.00*	*1.03*	*103*
Calcium	*510*	*455*	*89*
Chromium	*1.00*	*0.948*	*95*
Cobalt	*1.00*	*0.918*	*92*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*198*	*94*
Lithium	*1.00*	*1.22*	*122*
Magnesium	*510*	*510*	*100*
Manganese	*1.00*	*0.943*	*94*
Molybdenum	*1.00*	*0.980*	*98*
Nickel	*1.00*	*0.898*	*90*
Potassium	*10.0*	*14.4*	*144*
Selenium	*1.00*	*1.00*	*100*
Silicon	*1.00*	*0.961*	*96*
Silver	*0.500*	*0.534*	*107*
Sodium	*10.0*	*13.7*	*137*
Strontium	*0.500*	*0.493*	*99*
Thallium	*1.00*	*0.948*	*95*
Tin	*1.00*	*0.991*	*99*
Titanium	*1.00*	*0.980*	*98*
Vanadium	*1.00*	*0.975*	*97*
Zinc	*1.00*	*0.998*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Lab Sample ID: ICSA 600-70606/87 Instrument ID: TJA1

Lab File ID: A012112 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0042**	
Lead		**0.0076**	
Aluminum	*500*	*480*	*96*
Antimony		*-0.0010*	
Arsenic		*-0.0052*	
Beryllium		*-0.0008*	
Boron		*0.0022*	
Calcium	*500*	*443*	*89*
Chromium		*0.0014*	
Cobalt		*0.0000*	
Copper		*0.0113*	
Iron	*200*	*189*	*94*
Lithium		*0.0045*	
Magnesium	*500*	*476*	*95*
Manganese		*-0.0071*	
Molybdenum		*-0.0011*	
Nickel		*-0.0001*	
Potassium		*0.0730*	
Selenium		*-0.0150*	
Silicon		*0.0100*	
Silver		*-0.0007*	
Sodium		*0.210*	
Strontium		*-0.0087*	
Thallium		*0.0079*	
Tin		*-0.0001*	
Titanium		*-0.0026*	
Vanadium		*0.0044*	
Zinc		*-0.0030*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Lab Sample ID: ICSAB 600-70606/88 Instrument ID: TJA1

Lab File ID: A012112 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.476**	**95**
Lead	**1.00**	**0.932**	**93**
Aluminum	*510*	*488*	*96*
Antimony	*1.00*	*1.04*	*104*
Arsenic	*1.00*	*1.03*	*103*
Beryllium	*0.500*	*0.448*	*90*
Boron	*1.00*	*1.04*	*104*
Calcium	*510*	*446*	*88*
Chromium	*1.00*	*0.897*	*90*
Cobalt	*1.00*	*0.854*	*85*
Copper	*1.00*	*1.01*	*101*
Iron	*210*	*196*	*94*
Lithium	*1.00*	*1.24*	*124*
Magnesium	*510*	*481*	*94*
Manganese	*1.00*	*0.904*	*90*
Molybdenum	*1.00*	*0.977*	*98*
Nickel	*1.00*	*0.945*	*94*
Potassium	*10.0*	*14.7*	*147*
Selenium	*1.00*	*0.965*	*96*
Silicon	*1.00*	*0.931*	*93*
Silver	*0.500*	*0.521*	*104*
Sodium	*10.0*	*13.7*	*137*
Strontium	*0.500*	*0.502*	*100*
Thallium	*1.00*	*1.01*	*101*
Tin	*1.00*	*0.947*	*95*
Titanium	*1.00*	*0.969*	*97*
Vanadium	*1.00*	*0.933*	*93*
Zinc	*1.00*	*0.996*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012 - SED - 6 MS
Lab ID: 600-48724-6 MS
Lab Name: TestAmerica Houston
Job No.: 600-48724-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 86.7

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	21.46		1.03		28.0	73	75-125	N	6010B
Lead	52.04		10.4		56.0	74	75-125	N	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 5 MS Lab ID: 600-48724-10 MS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.4750		0.000350	U	0.500	95	75-125		6010B
Lead	0.9509		0.00290	U	1.00	95	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012 - SED - 6 MSD
Lab ID: 600-48724-6 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48724-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 86.7

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	20.48		28.6	68	75-125	5	20	N	6010B
Lead	48.39		57.1	67	75-125	7	20	N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: Equipment Blank 5 MSD Lab ID: 600-48724-10 MSD

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.4777		0.500	96	75-125	1	20		6010B
Lead	0.9497		1.00	95	75-125	0	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012 - SED - 6 PDS
Lab ID: 600-48724-6 PDS
Lab Name: TestAmerica Houston
Job No.: 600-48724-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	20.65		1.03		28.8	68	75-125	W	6010B
Lead	49.64		10.4		57.7	68	75-125	W	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: Equipment Blank 5 DU Lab ID: 600-48724-10 DU

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.00500	0.000350	U	0.000350	U	NC		6010B
Lead	0.0100	0.00290	U	0.00290	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-69977/2-A

Lab Name: TestAmerica Houston Job No.: 600-48724-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.4878		98	80	120		6010B
Lead	1.00	0.9717		97	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70035/2-A

Lab Name: TestAmerica Houston Job No.: 600-48724-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	60.98		86	81	119		6010B
Lead	144	121.4		84	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-48724-6

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48724-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	1.03		0.9808	J	NC		6010B
Lead	10.4		12.69		22	*	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-48724-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-69977/1-A	01/13/2012 05:50	69977		50	50
LCS 600-69977/2-A	01/13/2012 05:50	69977		50	50
600-48724-10	01/13/2012 05:50	69977		50	50
600-48724-10 DU	01/13/2012 05:50	69977		50	50
600-48724-10 MS	01/13/2012 05:50	69977		50	50
600-48724-10 MSD	01/13/2012 05:50	69977		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-70035/1-A	01/13/2012 15:25	70035	1.0		50
LCS 600-70035/2-A	01/13/2012 15:25	70035	0.50		50
600-48724-1	01/13/2012 15:25	70035	1.07		50
600-48724-2	01/13/2012 15:25	70035	1.09		50
600-48724-3	01/13/2012 15:25	70035	1.01		50
600-48724-4	01/13/2012 15:25	70035	1.05		50
600-48724-5	01/13/2012 15:25	70035	1.01		50
600-48724-6	01/13/2012 15:25	70035	1.00		50
600-48724-6 MS	01/13/2012 15:25	70035	1.03		50
600-48724-6 MSD	01/13/2012 15:25	70035	1.01		50
600-48724-7	01/13/2012 15:25	70035	1.05		50
600-48724-8	01/13/2012 15:25	70035	1.08		50
600-48724-9	01/13/2012 15:25	70035	1.01		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/16/2012 08:00 End Date: 01/16/2012 14:50

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-70135/1			08:00																					
RINSE 600-70135/2			08:03																					
ZZZZZZ			08:05																					
ZZZZZZ			08:08																					
CALIBSTD 600-70135/5 IC			08:11	X	X																			
CALIBSTD 600-70135/6 IC			08:13	X	X																			
CALIBSTD 600-70135/7 IC			08:16	X	X																			
CALIBSTD 600-70135/8 IC			08:18	X	X																			
ICV 600-70135/9	1		08:21	X	X																			
ZZZZZZ			08:23																					
ICB 600-70135/11	1		08:26	X	X																			
ICSA 600-70135/12	1		08:28	X	X																			
ICSAB 600-70135/13	1		08:31	X	X																			
CCV 600-70135/14			08:33																					
ZZZZZZ			08:36																					
CCB 600-70135/16			08:39																					
ZZZZZZ			08:48																					
ZZZZZZ			08:51																					
ZZZZZZ			08:53																					
ZZZZZZ			08:56																					
ZZZZZZ			08:59																					
ZZZZZZ			09:01																					
ZZZZZZ			09:04																					
ZZZZZZ			09:07																					
ZZZZZZ			09:09																					
ZZZZZZ			09:12																					
CCV 600-70135/27	1		09:15	X	X																			
ZZZZZZ			09:17																					
CCB 600-70135/29	1		09:20	X	X																			
ZZZZZZ			09:22																					
ZZZZZZ			09:25																					
ZZZZZZ			09:28																					
ZZZZZZ			09:30																					
ZZZZZZ			09:33																					
ZZZZZZ			09:36																					
ZZZZZZ			09:38																					
ZZZZZZ			09:41																					
MB 600-69977/1-A	1	T	09:43	X	X																			
LCS 600-69977/2-A	1	T	09:46	X	X																			
CCV 600-70135/40	1		09:48	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/16/2012 08:00 End Date: 01/16/2012 14:50

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			09:51																					
CCB 600-70135/42	1		09:54	X	X																			
ZZZZZZ			09:56																					
ZZZZZZ			09:59																					
ZZZZZZ			10:02																					
ZZZZZZ			10:04																					
ZZZZZZ			10:07																					
ZZZZZZ			10:09																					
ZZZZZZ			10:12																					
ZZZZZZ			10:15																					
ZZZZZZ			10:17																					
ZZZZZZ			10:20																					
CCV 600-70135/53	1		10:23	X	X																			
ZZZZZZ			10:25																					
CCB 600-70135/55	1		10:28	X	X																			
ZZZZZZ			10:31																					
ZZZZZZ			10:33																					
ZZZZZZ			10:36																					
ZZZZZZ			10:38																					
ZZZZZZ			10:41																					
ZZZZZZ			10:44																					
600-48724-10	1	T	10:47	X	X																			
600-48724-10 DU	1	T	10:49	X	X																			
600-48724-10 MS	1	T	10:52	X	X																			
600-48724-10 MSD	1	T	10:54	X	X																			
CCV 600-70135/66	1		10:57	X	X																			
ZZZZZZ			10:59																					
CCB 600-70135/68	1		11:02	X	X																			
ZZZZZZ			11:05																					
ZZZZZZ			11:07																					
ZZZZZZ			11:10																					
ZZZZZZ			11:13																					
ZZZZZZ			11:15																					
ZZZZZZ			11:18																					
ZZZZZZ			11:20																					
ZZZZZZ			11:23																					
CCV 600-70135/77	1		11:26	X	X																			
ZZZZZZ			11:28																					
CCB 600-70135/79	1		11:31	X	X																			
ZZZZZZ			12:55																					
ZZZZZZ			12:58																					
ZZZZZZ			13:00																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/16/2012 08:00 End Date: 01/16/2012 14:50

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			13:03																				
ZZZZZZ			13:05																				
ZZZZZZ			13:08																				
ZZZZZZ			13:11																				
ZZZZZZ			13:13																				
ZZZZZZ			13:16																				
ZZZZZZ			13:19																				
CCV 600-70135/90			13:21																				
ZZZZZZ			13:24																				
CCB 600-70135/92			13:27																				
ZZZZZZ			13:29																				
ZZZZZZ			13:32																				
ZZZZZZ			13:35																				
ZZZZZZ			13:37																				
ZZZZZZ			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:45																				
ZZZZZZ			13:47																				
ZZZZZZ			13:50																				
ZZZZZZ			13:52																				
CCV 600-70135/103			13:55																				
ZZZZZZ			13:57																				
CCB 600-70135/105			14:00																				
ZZZZZZ			14:03																				
ZZZZZZ			14:05																				
ZZZZZZ			14:08																				
ZZZZZZ			14:11																				
ZZZZZZ			14:13																				
ZZZZZZ			14:16																				
ZZZZZZ			14:18																				
ZZZZZZ			14:21																				
ZZZZZZ			14:24																				
ZZZZZZ			14:26																				
CCV 600-70135/116			14:29																				
ZZZZZZ			14:31																				
CCB 600-70135/118			14:34																				
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
ZZZZZZ			14:42																				
CCV 600-70135/122			14:44																				
ZZZZZZ			14:47																				
CCB 600-70135/124			14:50																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/16/2012 08:00 End Date: 01/16/2012 14:50

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/21/2012 07:21 End Date: 01/21/2012 13:15

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			07:21																					
STD 600-70606/2 IC			07:24	X	X																			
ZZZZZZ			07:29																					
ICV 600-70606/4	1		07:32	X	X																			
ICB 600-70606/5	1		07:36	X	X																			
CRI 600-70606/6	1		07:40	X	X																			
ICSA 600-70606/7	1		07:44	X	X																			
ICSAB 600-70606/8	1		07:48	X	X																			
CCV 600-70606/9			07:52																					
CCB 600-70606/10			07:56																					
ZZZZZZ			08:01																					
ZZZZZZ			08:05																					
ZZZZZZ			08:09																					
ZZZZZZ			08:13																					
ZZZZZZ			08:17																					
ZZZZZZ			08:21																					
ZZZZZZ			08:24																					
ZZZZZZ			08:28																					
ZZZZZZ			08:32																					
ZZZZZZ			08:36																					
CCV 600-70606/21			08:40																					
CCB 600-70606/22			08:44																					
ZZZZZZ			08:48																					
ZZZZZZ			08:51																					
ZZZZZZ			08:55																					
ZZZZZZ			08:59																					
ZZZZZZ			09:03																					
ZZZZZZ			09:07																					
ZZZZZZ			09:11																					
ZZZZZZ			09:15																					
ZZZZZZ			09:18																					
ZZZZZZ			09:22																					
CCV 600-70606/33			09:26																					
CCB 600-70606/34			09:30																					
ZZZZZZ			09:34																					
ZZZZZZ			09:38																					
ZZZZZZ			09:41																					
ZZZZZZ			09:45																					
ZZZZZZ			09:49																					
ZZZZZZ			09:53																					
ZZZZZZ			09:57																					
ZZZZZZ			10:02																					

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/21/2012 07:21 End Date: 01/21/2012 13:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			10:06																				
ZZZZZZ			10:10																				
CCV 600-70606/45			10:14																				
CCB 600-70606/46			10:17																				
ZZZZZZ			10:21																				
ZZZZZZ			10:30																				
ZZZZZZ			10:33																				
ZZZZZZ			10:38																				
ZZZZZZ			10:42																				
ZZZZZZ			10:45																				
ZZZZZZ			10:49																				
CCV 600-70606/54	1		10:56	X	X																		
CCB 600-70606/55	1		11:00	X	X																		
MB 600-70035/1-A	1	T	11:04	X	X																		
LCS 600-70035/2-A	1	T	11:08	X	X																		
ZZZZZZ			11:12																				
ZZZZZZ			11:16																				
ZZZZZZ			11:19																				
600-48724-1	1	T	11:23	X	X																		
600-48724-2	1	T	11:27	X	X																		
600-48724-3	1	T	11:31	X	X																		
600-48724-4	1	T	11:35	X	X																		
600-48724-5	1	T	11:39	X	X																		
CCV 600-70606/66	1		11:43	X	X																		
CCB 600-70606/67	1		11:46	X	X																		
600-48724-6	1	T	11:50	X	X																		
600-48724-6 MS	1	T	11:54	X	X																		
600-48724-6 MSD	1	T	11:58	X	X																		
600-48724-7	1	T	12:02	X	X																		
600-48724-8	1	T	12:06	X	X																		
600-48724-9	1	T	12:09	X	X																		
ZZZZZZ			12:13																				
ZZZZZZ			12:17																				
ZZZZZZ			12:21																				
ZZZZZZ			12:25																				
CCV 600-70606/78	1		12:29	X	X																		
CCB 600-70606/79	1		12:33	X	X																		
ZZZZZZ			12:36																				
ZZZZZZ			12:40																				
ZZZZZZ			12:44																				
ZZZZZZ			12:48																				
600-48724-6 PDS	1	T	12:52	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/21/2012 07:21 End Date: 01/21/2012 13:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
600-48724-6 SD	5	T	12:56	X	X																		
CRI 600-70606/86	1		13:00	X	X																		
ICSA 600-70606/87	1		13:03	X	X																		
ICSAB 600-70606/88	1		13:07	X	X																		
CCV 600-70606/89	1		13:11	X	X																		
CCB 600-70606/90	1		13:15	X	X																		

Prep Types

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v623)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:00:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0002	0.0001	60.44	0.0003	0.0001
Al3082	308.215	{1	In2306	ppm	0.0203	0.0196	96.22	0.0065	0.0342
As1890	189.042	{4	Y_2243	ppm	-0.0014	0.0006	41.75	-0.0018	-0.001
B_2496	249.678	{1	Y_3710	ppm	0.0024	0.0012	50.8	0.0015	0.0033
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0004	0.0003	73.23	-0.0002	-0.0006
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0	3.601	-0.0002	-0.0002
Ca3158	315.887	{1	In2306	ppm	-0.0038	0.0064	169.3	0.0007	-0.0083
Ca3181	318.128	{1	In2306	ppm	0.0811	0.0148	18.3	0.0706	0.0916
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0.0001	60.86	0.0002	0.0001
Co2286	228.616	{4	In2306	ppm	-0.0001	0.0001	124.1	-0.0002	0
Cr2677	267.716	{1	Y_3600	ppm	0.0002	0.0001	46.7	0.0003	0.0001
Cu3247	324.754	{1	Y_3600	ppm	0.0185	0.0002	1.011	0.0184	0.0186
Fe2404	240.488	{1	In2306	ppm	-0.0112	0.0146	130.4	-0.0216	-0.0009
K_7664	766.490	{ 4	Y_3710	ppm	-0.0045	0.0079	172.6	0.001	-0.0101
K_7698	769.896	{ 4	Y_3710	ppm	-0.0407	0.0129	31.79	-0.0316	-0.0499
Li6707	670.784	{ 5	Y_3710	ppm	0.0007	0.0001	14.46	0.0007	0.0008
Mg2790	279.079	{1	Y_3710	ppm	-0.0427	0.0446	104.4	-0.0743	-0.0112
Mn2576	257.610	{1	Y_3600	ppm	-0.0001	0.0001	66.82	0	-0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	0.001	0.0005	50.16	0.0013	0.0006
Mo2020	202.030	{4	Y_2243	ppm	0.0002	0	25.69	0.0002	0.0001
Na5895	589.592	{ 5	Y_3710	ppm	-0.0025	0.0021	82.81	-0.0011	-0.004
Na8183	818.326	{ 4	Y_3710	ppm	-0.0452	0.1151	254.5	-0.1266	0.0362
Ni2316	231.604	{4	In2306	ppm	-0.0001	0	19.82	-0.0001	-0.0002
P_1782	178.284	{4	In2306	ppm	-0.0003	0.0006	167	0.0001	-0.0007
Pb2203	220.353	{4	In2306	ppm	-0.0008	0.0008	102.3	-0.0014	-0.0002
S_1820	182.034	{4	Y_2243	ppm	0.2466	0.106	43	0.3216	0.1716
Sb2068	206.833	{4	Y_2243	ppm	0.001	0.0017	168	-0.0002	0.0022
Se1960	196.090	{4	Y_2243	ppm	0.0002	0.0002	96.87	0.0003	0.0001
Si2516	251.611	{1	Y_3710	ppm	-0.0467	0.0041	8.75	-0.0496	-0.0438
Sn1899	189.989	{4	In2306	ppm	0.0001	0.0001	77.87	0.0002	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	-0.0001	0.0001	91.81	0	-0.0001
Ti3349	334.904	{1	Y_3600	ppm	-0.0002	0.0005	300.2	0.0002	-0.0006
Tl1908	190.856	{4	In2306	ppm	0.0013	0.0004	29.27	0.0016	0.0011
V_2924	292.402	{1	Y_3600	ppm	0.0015	0	2.193	0.0015	0.0015
Zn2062	206.200	{4	In2306	ppm	0	0	103	0	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	40.422	0.58773	1.454	40.838	40.006
In2306	230.606	{4	Cts/S	10002	25.103	0.25097	9984.5	10020
Y_2243	224.306	{4	Cts/S	11539	4.4631	0.03868	11536	11542
Y_3600	360.073	{ 9	Cts/S	103470	2246.2	2.1708	105060	101880

Y_3710	371.030 {	9	Cts/S	6573.3	1.8233	0.02774	6574.6	6572

[Sample Header]
Method=ICP6500Metals_TRY3(v623)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:03:08
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0003	0.0001	28.75	0.0004	0.0002
Al3082	308.215	{1	In2306	ppm	-0.0096	0.0209	218.2	0.0052	-0.0243
As1890	189.042	{4	Y_2243	ppm	-0.0003	0.0007	242.1	-0.0007	0.0002
B_2496	249.678	{1	Y_3710	ppm	-0.0036	0.0003	7.199	-0.0034	-0.0038
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0002	0.0002	151.6	0	-0.0003
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	153.6	-0.0002	0
Ca3158	315.887	{1	In2306	ppm	-0.0051	0.0124	242.6	0.0037	-0.0139
Ca3181	318.128	{1	In2306	ppm	0.0274	0.0084	30.77	0.0334	0.0215
Cd2288	228.802	{4	Y_2243	ppm	0	0	1095	0	0
Co2286	228.616	{4	In2306	ppm	-0.0001	0.0002	112.1	0	-0.0003
Cr2677	267.716	{1	Y_3600	ppm	0	0.0002	794.2	0.0001	-0.0002
Cu3247	324.754	{1	Y_3600	ppm	0.0173	0.0001	0.6761	0.0173	0.0174
Fe2404	240.488	{1	In2306	ppm	0.0077	0.0047	61.56	0.0043	0.011
K_7664	766.490	{ 4	Y_3710	ppm	-0.0184	0.0139	75.23	-0.0086	-0.0282
K_7698	769.896	{ 4	Y_3710	ppm	-0.0183	0.0827	451	-0.0768	0.0401
Li6707	670.784	{ 5	Y_3710	ppm	0.0004	0.0001	16.71	0.0003	0.0004
Mg2790	279.079	{1	Y_3710	ppm	0.0156	0.0342	219.1	0.0398	-0.0086
Mn2576	257.610	{1	Y_3600	ppm	0	0	115.9	0	0
Mn2576-2	257.610	{1	Y_3710	ppm	0.0014	0.0017	122.8	0.0002	0.0026
Mo2020	202.030	{4	Y_2243	ppm	0.0002	0	12.63	0.0002	0.0002
Na5895	589.592	{ 5	Y_3710	ppm	-0.0019	0.0009	46.72	-0.0025	-0.0013
Na8183	818.326	{ 4	Y_3710	ppm	-0.0469	0.0294	62.6	-0.0677	-0.0262
Ni2316	231.604	{4	In2306	ppm	-0.0001	0	17.49	-0.0002	-0.0001
P_1782	178.284	{4	In2306	ppm	-0.0001	0.0002	194	0	-0.0003
Pb2203	220.353	{4	In2306	ppm	-0.0008	0.0003	33.64	-0.001	-0.0006
S_1820	182.034	{4	Y_2243	ppm	-0.0091	0.0932	1022	0.0568	-0.0751
Sb2068	206.833	{4	Y_2243	ppm	-0.0001	0.0008	542.3	-0.0007	0.0004
Se1960	196.090	{4	Y_2243	ppm	0.0004	0.0002	52.98	0.0005	0.0002
Si2516	251.611	{1	Y_3710	ppm	-0.0413	0.0183	44.39	-0.0283	-0.0542
Sn1899	189.989	{4	In2306	ppm	0	0	191.4	0	0
Sr4215	421.552	{ 8	Y_3710	ppm	0	0	106.4	-0.0001	0
Ti3349	334.904	{1	Y_3600	ppm	0.0001	0.0002	149.6	0.0003	0
Tl1908	190.856	{4	In2306	ppm	-0.0006	0.0003	41.95	-0.0008	-0.0004
V_2924	292.402	{1	Y_3600	ppm	0.0013	0	2.555	0.0014	0.0013
Zn2062	206.200	{4	In2306	ppm	0.0001	0	44.86	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	40.63	1.7678	4.3509	41.88	39.38
In2306	230.606	{4	Cts/S	10065	179.03	1.7789	10191	9937.9
Y_2243	224.306	{4	Cts/S	11607	217.41	1.8731	11761	11454
Y_3600	360.073	{ 9	Cts/S	106770	2422.9	2.2693	105060	108480

Y_3710	371.030 { 9	Cts/S	6448.3	429.49	6.6606	6752	6144.6	

[Sample Header]
Method=ICP6500Metals_TRY3(v623)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:05:51
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0	0	46.77	0	0
Al3082	308.215 {1	In2306	Cts/S	0.2185	0.0058	2.641	0.2144	0.2225
As1890	189.042 {4	Y_2243	Cts/S	-0.0001	0	72.31	-0.0001	0
B_2496	249.678 {1	Y_3710	Cts/S	0.0002	0.0001	49.25	0.0003	0.0001
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0057	0.0008	14.67	0.0051	0.0063
Be3130	313.042 {1	Y_3710	Cts/S	-0.0001	0.0001	86.49	0	-0.0001
Ca3158	315.887 {1	In2306	Cts/S	-0.163	0.0137	8.403	-0.1727	-0.1533
Ca3181	318.128 {1	In2306	Cts/S	-0.0602	0.0065	10.79	-0.0648	-0.0556
Cd2288	228.802 {4	Y_2243	Cts/S	0.0004	0	6.265	0.0004	0.0004
Co2286	228.616 {4	In2306	Cts/S	-0.0001	0.0001	98.54	0	-0.0002
Cr2677	267.716 {1	Y_3600	Cts/S	0	0	10510	0	0
Cu3247	324.754 {1	Y_3600	Cts/S	0.0046	0	0.6442	0.0046	0.0045
Fe2404	240.488 {1	In2306	Cts/S	0.0282	0.0222	78.96	0.0124	0.0439
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0015	0.002	139.1	-0.0029	0
K_7698	769.896 { 4	Y_3710	Cts/S	0.0284	0.0002	0.5393	0.0283	0.0286
Li6707	670.784 { 5	Y_3710	Cts/S	0.0037	0.0004	11.38	0.004	0.0034
Mg2790	279.079 {1	Y_3710	Cts/S	-0.0001	0.0001	42.62	-0.0001	-0.0002
Mn2576	257.610 {1	Y_3600	Cts/S	0	0	18.43	0	0
Mn2576-2	257.610 {1	Y_3710	Cts/S	-0.0001	0.0003	203.2	0.0001	-0.0004
Mo2020	202.030 {4	Y_2243	Cts/S	0.0001	0.0001	41.91	0.0002	0.0001
Na5895	589.592 { 5	Y_3710	Cts/S	0.0046	0.0012	26.18	0.0038	0.0055
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0092	0.0022	23.98	-0.0077	-0.0108
Ni2316	231.604 {4	In2306	Cts/S	0.0002	0	11.94	0.0002	0.0002
P_1782	178.284 {4	In2306	Cts/S	0.0001	0	11.83	0.0002	0.0001
Pb2203	220.353 {4	In2306	Cts/S	0	0	141.4	0	0
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	6.045	-0.0004	-0.0003
Sb2068	206.833 {4	Y_2243	Cts/S	0	0	25.35	0	0
Se1960	196.090 {4	Y_2243	Cts/S	0	0	44.63	0	0
Si2516	251.611 {1	Y_3710	Cts/S	0.0002	0.0001	43.83	0.0003	0.0002
Sn1899	189.989 {4	In2306	Cts/S	0.0001	0	21.07	0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	Cts/S	-0.0003	0.0001	18.73	-0.0004	-0.0003
Ti3349	334.904 {1	Y_3600	Cts/S	0	0.0001	141.4	0	-0.0001
Tl1908	190.856 {4	In2306	Cts/S	0	0.0001	125.3	0	-0.0001
V_2924	292.402 {1	Y_3600	Cts/S	-0.0001	0	11.38	-0.0001	-0.0002
Zn2062	206.200 {4	In2306	Cts/S	0.0006	0	3.98	0.0006	0.0007

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.867	0.74384	1.7767	41.341	42.393
In2306	230.606 {4	Cts/S	9887.1	101.31	1.0247	9958.7	9815.4
Y_2243	224.306 {4	Cts/S	11429	97.663	0.85451	11498	11360

Y_3600	360.073 { 9	Cts/S	106240	811.59	0.76389	105670	106820
Y_3710	371.030 { 9	Cts/S	6674.5	58.094	0.87039	6633.4	6715.6

[Sample Header]
Method=ICP6500Metals_TRY3(v623)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:08:30
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0071	0	0.3593	0.0071	0.0071
Al3082	308.215 {1	In2306	Cts/S	1.171	0.0308	2.628	1.193	1.149
As1890	189.042 {4	Y_2243	Cts/S	0.0081	0.0001	0.7532	0.0081	0.008
B_2496	249.678 {1	Y_3710	Cts/S	0.0023	0.0002	9.201	0.0025	0.0022
Ba4554	455.403 { 7	Y_3710	Cts/S	0.4629	0.0041	0.8882	0.4658	0.46
Be3130	313.042 {1	Y_3710	Cts/S	0.1632	0.0009	0.5777	0.1638	0.1625
Ca3158	315.887 {1	In2306	Cts/S	2.685	0.0913	3.4	2.749	2.62
Ca3181	318.128 {1	In2306	Cts/S	0.5786	0.0114	1.978	0.5867	0.5705
Cd2288	228.802 {4	Y_2243	Cts/S	0.0569	0.0001	0.1625	0.0568	0.0569
Co2286	228.616 {4	In2306	Cts/S	0.0846	0.0001	0.154	0.0847	0.0845
Cr2677	267.716 {1	Y_3600	Cts/S	0.0102	0.0001	0.7525	0.0102	0.0103
Cu3247	324.754 {1	Y_3600	Cts/S	0.0283	0.0002	0.8104	0.0281	0.0285
Fe2404	240.488 {1	In2306	Cts/S	1.591	0.0485	3.046	1.625	1.556
K_7664	766.490 { 4	Y_3710	Cts/S	0.1524	0.0001	0.0672	0.1524	0.1523
K_7698	769.896 { 4	Y_3710	Cts/S	0.0907	0.0023	2.525	0.0891	0.0923
Li6707	670.784 { 5	Y_3710	Cts/S	0.6222	0.0042	0.6775	0.6252	0.6192
Mg2790	279.079 {1	Y_3710	Cts/S	0.0037	0	1.011	0.0037	0.0038
Mn2576	257.610 {1	Y_3600	Cts/S	0.0737	0.0005	0.743	0.0733	0.0741
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0157	0.0001	0.4645	0.0157	0.0158
Mo2020	202.030 {4	Y_2243	Cts/S	0.0435	0.0002	0.5404	0.0437	0.0434
Na5895	589.592 { 5	Y_3710	Cts/S	0.4792	0.0024	0.5079	0.4809	0.4775
Na8183	818.326 { 4	Y_3710	Cts/S	0.0095	0.0036	37.82	0.007	0.0121
Ni2316	231.604 {4	In2306	Cts/S	0.0494	0.0003	0.5248	0.0496	0.0493
P_1782	178.284 {4	In2306	Cts/S	0.0064	0.0001	1.034	0.0064	0.0063
Pb2203	220.353 {4	In2306	Cts/S	0.0155	0.0001	0.9072	0.0156	0.0154
S_1820	182.034 {4	Y_2243	Cts/S	-0.0003	0	2.049	-0.0003	-0.0003
Sb2068	206.833 {4	Y_2243	Cts/S	0.0067	0	0.5937	0.0067	0.0066
Se1960	196.090 {4	Y_2243	Cts/S	0.0053	0	0.8583	0.0053	0.0054
Si2516	251.611 {1	Y_3710	Cts/S	0.0012	0	0.7225	0.0012	0.0012
Sn1899	189.989 {4	In2306	Cts/S	0.0218	0.0002	0.6937	0.0219	0.0217
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2849	0.0012	0.4228	0.2858	0.284
Ti3349	334.904 {1	Y_3600	Cts/S	0.0175	0.0001	0.8313	0.0174	0.0176
Tl1908	190.856 {4	In2306	Cts/S	0.0077	0	0.2613	0.0077	0.0077
V_2924	292.402 {1	Y_3600	Cts/S	0.0143	0.0001	0.8488	0.0142	0.0144
Zn2062	206.200 {4	In2306	Cts/S	0.1017	0.0004	0.3723	0.102	0.1014

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.008	0.80311	1.9118	41.44	42.576
In2306	230.606 {4	Cts/S	9860.4	1.0493	0.01064	9859.7	9861.1

Y_2243	224.306 {4	Cts/S	11548	8.5453	0.074	11542	11554
Y_3600	360.073 { 9	Cts/S	106000	989.99	0.93393	106700	105300
Y_3710	371.030 { 9	Cts/S	6636.1	8.6307	0.13006	6630	6642.3

[Sample Header]
Method=ICP6500Metals_TRY3(v623)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:11:05
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0146	0.0002	1.487	0.0147	0.0144
Al3082	308.215 {1	In2306	Cts/S	2.094	0.0344	1.642	2.118	2.069
As1890	189.042 {4	Y_2243	Cts/S	0.0163	0.0001	0.6464	0.0164	0.0163
B_2496	249.678 {1	Y_3710	Cts/S	0.0046	0.0002	5.083	0.0044	0.0047
Ba4554	455.403 { 7	Y_3710	Cts/S	0.9248	0.0164	1.769	0.9364	0.9132
Be3130	313.042 {1	Y_3710	Cts/S	0.328	0.0052	1.585	0.3316	0.3243
Ca3158	315.887 {1	In2306	Cts/S	5.779	0.201	3.479	5.921	5.636
Ca3181	318.128 {1	In2306	Cts/S	1.228	0.061	4.965	1.271	1.185
Cd2288	228.802 {4	Y_2243	Cts/S	0.1131	0.0001	0.0698	0.1131	0.1132
Co2286	228.616 {4	In2306	Cts/S	0.1694	0.0007	0.3918	0.1699	0.1689
Cr2677	267.716 {1	Y_3600	Cts/S	0.0207	0.0003	1.222	0.0209	0.0205
Cu3247	324.754 {1	Y_3600	Cts/S	0.0523	0.0009	1.644	0.0529	0.0517
Fe2404	240.488 {1	In2306	Cts/S	3.305	0.0876	2.65	3.367	3.244
K_7664	766.490 { 4	Y_3710	Cts/S	0.2987	0.0056	1.867	0.3027	0.2948
K_7698	769.896 { 4	Y_3710	Cts/S	0.1479	0.0041	2.791	0.1508	0.145
Li6707	670.784 { 5	Y_3710	Cts/S	1.228	0.0408	3.32	1.257	1.199
Mg2790	279.079 {1	Y_3710	Cts/S	0.0075	0	0.6608	0.0075	0.0074
Mn2576	257.610 {1	Y_3600	Cts/S	0.149	0.0017	1.126	0.1502	0.1478
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0321	0.0004	1.39	0.0324	0.0318
Mo2020	202.030 {4	Y_2243	Cts/S	0.0871	0	0.0376	0.0871	0.0872
Na5895	589.592 { 5	Y_3710	Cts/S	0.94	0.0291	3.091	0.9605	0.9194
Na8183	818.326 { 4	Y_3710	Cts/S	0.0304	0.0006	2.118	0.0299	0.0308
Ni2316	231.604 {4	In2306	Cts/S	0.0987	0.0003	0.3074	0.099	0.0985
P_1782	178.284 {4	In2306	Cts/S	0.0129	0.0001	0.4966	0.0128	0.0129
Pb2203	220.353 {4	In2306	Cts/S	0.0311	0.0001	0.4003	0.0312	0.031
S_1820	182.034 {4	Y_2243	Cts/S	-0.0003	0	11.27	-0.0003	-0.0003
Sb2068	206.833 {4	Y_2243	Cts/S	0.0135	0	0.0295	0.0135	0.0135
Se1960	196.090 {4	Y_2243	Cts/S	0.0107	0.0001	0.7739	0.0106	0.0107
Si2516	251.611 {1	Y_3710	Cts/S	0.0023	0.0001	4.593	0.0022	0.0024
Sn1899	189.989 {4	In2306	Cts/S	0.0442	0.0001	0.1385	0.0441	0.0442
Sr4215	421.552 { 8	Y_3710	Cts/S	0.5753	0.009	1.571	0.5817	0.5689
Ti3349	334.904 {1	Y_3600	Cts/S	0.0357	0.0005	1.499	0.0361	0.0354
Tl1908	190.856 {4	In2306	Cts/S	0.0156	0	0.2479	0.0156	0.0156
V_2924	292.402 {1	Y_3600	Cts/S	0.0293	0.0003	1.057	0.0295	0.029
Zn2062	206.200 {4	In2306	Cts/S	0.2034	0.0013	0.636	0.2043	0.2025

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.127	1.345	3.2704	40.176	42.078

In2306	230.606 {4	Cts/S	9831.6	22.079	0.22457	9847.2	9816
Y_2243	224.306 {4	Cts/S	11597	46.328	0.39949	11629	11564
Y_3600	360.073 { 9	Cts/S	104410	1055.8	1.0112	103660	105150
Y_3710	371.030 { 9	Cts/S	6653.3	76.46	1.1492	6599.2	6707.4

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:13:37
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0288	0.0003	0.9169	0.029	0.0287
Al3082	308.215 {1	In2306	Cts/S	3.878	0.0133	0.3436	3.869	3.888
As1890	189.042 {4	Y_2243	Cts/S	0.033	0.0001	0.4465	0.0329	0.0331
B_2496	249.678 {1	Y_3710	Cts/S	0.0095	0.0002	1.909	0.0097	0.0094
Ba4554	455.403 { 7	Y_3710	Cts/S	1.87	0.0272	1.454	1.889	1.851
Be3130	313.042 {1	Y_3710	Cts/S	0.6661	0.0114	1.711	0.6741	0.658
Ca3158	315.887 {1	In2306	Cts/S	11.38	0.1067	0.9376	11.45	11.3
Ca3181	318.128 {1	In2306	Cts/S	2.433	0.0204	0.8387	2.448	2.419
Cd2288	228.802 {4	Y_2243	Cts/S	0.2266	0.0001	0.0378	0.2265	0.2266
Co2286	228.616 {4	In2306	Cts/S	0.3433	0.0007	0.1976	0.3428	0.3438
Cr2677	267.716 {1	Y_3600	Cts/S	0.041	0.0004	0.9943	0.0413	0.0407
Cu3247	324.754 {1	Y_3600	Cts/S	0.0986	0.0009	0.9207	0.0993	0.098
Fe2404	240.488 {1	In2306	Cts/S	6.436	0.0679	1.055	6.484	6.388
K_7664	766.490 { 4	Y_3710	Cts/S	0.6133	0.0004	0.0624	0.6136	0.6131
K_7698	769.896 { 4	Y_3710	Cts/S	0.2713	0.0019	0.7111	0.2726	0.2699
Li6707	670.784 { 5	Y_3710	Cts/S	2.531	0.0013	0.0507	2.53	2.532
Mg2790	279.079 {1	Y_3710	Cts/S	0.0156	0.0004	2.578	0.0159	0.0153
Mn2576	257.610 {1	Y_3600	Cts/S	0.2943	0.003	1.013	0.2964	0.2922
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0656	0.0019	2.927	0.067	0.0643
Mo2020	202.030 {4	Y_2243	Cts/S	0.1745	0.0004	0.218	0.1742	0.1748
Na5895	589.592 { 5	Y_3710	Cts/S	1.916	0.0008	0.0402	1.916	1.915
Na8183	818.326 { 4	Y_3710	Cts/S	0.0735	0.0027	3.63	0.0716	0.0754
Ni2316	231.604 {4	In2306	Cts/S	0.2001	0.0005	0.2651	0.1998	0.2005
P_1782	178.284 {4	In2306	Cts/S	0.0262	0.0001	0.2211	0.0262	0.0262
Pb2203	220.353 {4	In2306	Cts/S	0.063	0.0001	0.2368	0.0629	0.0631
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	3.342	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0274	0.0001	0.3609	0.0275	0.0274
Se1960	196.090 {4	Y_2243	Cts/S	0.0215	0.0001	0.2602	0.0215	0.0216
Si2516	251.611 {1	Y_3710	Cts/S	0.0046	0.0005	10.5	0.0042	0.0049
Sn1899	189.989 {4	In2306	Cts/S	0.0894	0	0.0419	0.0894	0.0894
Sr4215	421.552 { 8	Y_3710	Cts/S	1.165	0.0172	1.475	1.177	1.153
Ti3349	334.904 {1	Y_3600	Cts/S	0.0709	0.0005	0.7458	0.0713	0.0705
Tl1908	190.856 {4	In2306	Cts/S	0.0316	0.0001	0.2124	0.0316	0.0317
V_2924	292.402 {1	Y_3600	Cts/S	0.0579	0.001	1.664	0.0586	0.0572
Zn2062	206.200 {4	In2306	Cts/S	0.4136	0.0009	0.2125	0.413	0.4142

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	42.163	0.35262	0.83634	42.412	41.914
In2306	230.606 {4	Cts/S	9613.1	10.103	0.1051	9620.2	9606
Y_2243	224.306 {4	Cts/S	11512	13.129	0.11405	11521	11502
Y_3600	360.073 { 9	Cts/S	104460	849.69	0.81343	103860	105060
Y_3710	371.030 { 9	Cts/S	6569.1	57.236	0.87128	6528.7	6609.6

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SampleName=CalibStd-4
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:16:07
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0575	0.0004	0.6169	0.0573	0.0578
Al3082	308.215 {1	In2306	Cts/S	7.799	0.3741	4.797	8.063	7.534
As1890	189.042 {4	Y_2243	Cts/S	0.0668	0.001	1.542	0.0661	0.0675
B_2496	249.678 {1	Y_3710	Cts/S	0.0189	0.0001	0.6512	0.0189	0.0188
Ba4554	455.403 { 7	Y_3710	Cts/S	3.709	0.0369	0.9944	3.735	3.683
Be3130	313.042 {1	Y_3710	Cts/S	1.327	0.0156	1.177	1.338	1.316
Ca3158	315.887 {1	In2306	Cts/S	23.36	1.181	5.058	24.19	22.52
Ca3181	318.128 {1	In2306	Cts/S	4.969	0.2456	4.943	5.143	4.795
Cd2288	228.802 {4	Y_2243	Cts/S	0.4566	0.0078	1.704	0.4511	0.4621
Co2286	228.616 {4	In2306	Cts/S	0.6978	0.0126	1.8	0.6889	0.7067
Cr2677	267.716 {1	Y_3600	Cts/S	0.0825	0.0013	1.559	0.0816	0.0834
Cu3247	324.754 {1	Y_3600	Cts/S	0.1955	0.0016	0.8127	0.1944	0.1967
Fe2404	240.488 {1	In2306	Cts/S	13.25	0.6271	4.733	13.69	12.81
K_7664	766.490 { 4	Y_3710	Cts/S	1.222	0.0063	0.5169	1.217	1.226
K_7698	769.896 { 4	Y_3710	Cts/S	0.5162	0.0013	0.2435	0.5171	0.5153
Li6707	670.784 { 5	Y_3710	Cts/S	5.025	0.041	0.8166	4.996	5.054
Mg2790	279.079 {1	Y_3710	Cts/S	0.032	0.0006	1.986	0.0324	0.0315
Mn2576	257.610 {1	Y_3600	Cts/S	0.5804	0.007	1.208	0.5755	0.5854
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1303	0.0015	1.186	0.1314	0.1292
Mo2020	202.030 {4	Y_2243	Cts/S	0.3474	0.0055	1.585	0.3435	0.3512
Na5895	589.592 { 5	Y_3710	Cts/S	3.798	0.0175	0.4613	3.786	3.81
Na8183	818.326 { 4	Y_3710	Cts/S	0.1541	0.0003	0.2041	0.1543	0.1539
Ni2316	231.604 {4	In2306	Cts/S	0.4039	0.0072	1.793	0.3988	0.409
P_1782	178.284 {4	In2306	Cts/S	0.0537	0.0008	1.529	0.0531	0.0542
Pb2203	220.353 {4	In2306	Cts/S	0.1273	0.0025	1.943	0.1256	0.1291
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	1.315	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0558	0.0008	1.448	0.0552	0.0563
Se1960	196.090 {4	Y_2243	Cts/S	0.0436	0.0007	1.666	0.0431	0.0441
Si2516	251.611 {1	Y_3710	Cts/S	0.0092	0.0002	2.074	0.009	0.0093
Sn1899	189.989 {4	In2306	Cts/S	0.1806	0.0028	1.559	0.1786	0.1826
Sr4215	421.552 { 8	Y_3710	Cts/S	2.308	0.0237	1.025	2.325	2.291
Ti3349	334.904 {1	Y_3600	Cts/S	0.1424	0.0018	1.25	0.1412	0.1437
Tl1908	190.856 {4	In2306	Cts/S	0.0638	0.0011	1.746	0.063	0.0646
V_2924	292.402 {1	Y_3600	Cts/S	0.1184	0.0016	1.318	0.1173	0.1195
Zn2062	206.200 {4	In2306	Cts/S	0.8453	0.0179	2.114	0.8327	0.858

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.44	1.5583	3.7604	40.338	42.542
In2306	230.606 {4	Cts/S	9323.9	133.25	1.4291	9418.1	9229.7
Y_2243	224.306 {4	Cts/S	11402	150.58	1.3207	11509	11296
Y_3600	360.073 { 9	Cts/S	102970	867.48	0.84244	103590	102360
Y_3710	371.030 { 9	Cts/S	6601.3	32.287	0.48909	6578.5	6624.2

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SampleName=CalibStd-5
Username=admin
Comment=
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Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:18:34
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1155	0.0015	1.33	0.1144	0.1166
Al3082	308.215 {1	In2306	Cts/S	15.14	1.22	8.055	14.28	16.01
As1890	189.042 {4	Y_2243	Cts/S	0.1366	0.0015	1.068	0.1355	0.1376
B_2496	249.678 {1	Y_3710	Cts/S	0.0388	0.0022	5.575	0.0373	0.0403
Ba4554	455.403 { 7	Y_3710	Cts/S	7.662	0.3403	4.441	7.421	7.903
Be3130	313.042 {1	Y_3710	Cts/S	2.704	0.1059	3.917	2.629	2.779
Ca3158	315.887 {1	In2306	Cts/S	46.95	2.634	5.61	45.09	48.82
Ca3181	318.128 {1	In2306	Cts/S	9.973	0.556	5.574	9.58	10.37
Cd2288	228.802 {4	Y_2243	Cts/S	0.9167	0.0075	0.8161	0.9115	0.922
Co2286	228.616 {4	In2306	Cts/S	1.407	0.0135	0.9567	1.397	1.416
Cr2677	267.716 {1	Y_3600	Cts/S	0.161	0.0016	1.007	0.1598	0.1621
Cu3247	324.754 {1	Y_3600	Cts/S	0.3816	0.0026	0.694	0.3797	0.3835
Fe2404	240.488 {1	In2306	Cts/S	26.12	1.615	6.182	24.98	27.26
K_7664	766.490 { 4	Y_3710	Cts/S	2.506	0.1514	6.043	2.399	2.613
K_7698	769.896 { 4	Y_3710	Cts/S	1.032	0.0608	5.888	0.989	1.075
Li6707	670.784 { 5	Y_3710	Cts/S	10.37	0.7457	7.194	9.838	10.89
Mg2790	279.079 {1	Y_3710	Cts/S	0.0652	0.0024	3.604	0.0636	0.0669
Mn2576	257.610 {1	Y_3600	Cts/S	1.145	0.0158	1.376	1.133	1.156
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2689	0.0088	3.271	0.2627	0.2751
Mo2020	202.030 {4	Y_2243	Cts/S	0.6956	0.0073	1.044	0.6904	0.7007
Na5895	589.592 { 5	Y_3710	Cts/S	7.783	0.5044	6.481	7.426	8.14
Na8183	818.326 { 4	Y_3710	Cts/S	0.3314	0.0139	4.194	0.3216	0.3412
Ni2316	231.604 {4	In2306	Cts/S	0.8178	0.0083	1.019	0.8119	0.8237
P_1782	178.284 {4	In2306	Cts/S	0.1104	0.0011	1.008	0.1096	0.1112
Pb2203	220.353 {4	In2306	Cts/S	0.2571	0.003	1.156	0.255	0.2592
Sb2068	206.833 {4	Y_2243	Cts/S	0.1133	0.001	0.9226	0.1125	0.114
Se1960	196.090 {4	Y_2243	Cts/S	0.0886	0.0009	1.044	0.0879	0.0892
Si2516	251.611 {1	Y_3710	Cts/S	0.0201	0.0011	5.574	0.0193	0.0208
Sn1899	189.989 {4	In2306	Cts/S	0.3683	0.0032	0.8715	0.3661	0.3706
Sr4215	421.552 { 8	Y_3710	Cts/S	4.743	0.2098	4.424	4.595	4.891
Ti3349	334.904 {1	Y_3600	Cts/S	0.2812	0.0027	0.9595	0.2793	0.2831
Tl1908	190.856 {4	In2306	Cts/S	0.1276	0.0009	0.7373	0.127	0.1283
V_2924	292.402 {1	Y_3600	Cts/S	0.2305	0.0021	0.912	0.229	0.232
Zn2062	206.200 {4	In2306	Cts/S	1.706	0.0152	0.8887	1.695	1.716

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.662	2.5646	6.1559	43.475	39.848
In2306	230.606 {4	Cts/S	8942.6	88.885	0.99395	9005.5	8879.8
Y_2243	224.306 {4	Cts/S	11095	115.23	1.0386	11177	11014
Y_3600	360.073 { 9	Cts/S	101330	963.2	0.95055	102010	100650
Y_3710	371.030 { 9	Cts/S	6413.9	220.5	3.4379	6569.9	6258

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SampleName=ICV 766326
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:21:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2498	0.0016	0.6308	0.2509	0.2486
Al3082	308.215 {1	In2306	ppm	2.372	0.0053	0.2248	2.376	2.368
As1890	189.042 {4	Y_2243	ppm	0.4971	0.0023	0.4595	0.4955	0.4987
B_2496	249.678 {1	Y_3710	ppm	0.4948	0.0111	2.243	0.4869	0.5026
Ba4554	455.403 { 7	Y_3710	ppm	0.4949	0.0095	1.929	0.5016	0.4881
Be3130	313.042 {1	Y_3710	ppm	0.5064	0.0111	2.2	0.5143	0.4985
Ca3158	315.887 {1	In2306	ppm	13	0.1259	0.9686	13.09	12.91
Ca3181	318.128 {1	In2306	ppm	13.03	0.1413	1.085	13.13	12.93
Cd2288	228.802 {4	Y_2243	ppm	0.4965	0.0001	0.0125	0.4965	0.4966
Co2286	228.616 {4	In2306	ppm	0.4993	0.0002	0.0473	0.4994	0.4991
Cr2677	267.716 {1	Y_3600	ppm	0.4978	0.0021	0.4154	0.4993	0.4964
Cu3247	324.754 {1	Y_3600	ppm	0.4937	0.0015	0.3004	0.4947	0.4926
Fe2404	240.488 {1	In2306	ppm	2.582	0.0375	1.454	2.608	2.555
K_7664	766.490 { 4	Y_3710	ppm	11.91	0.0575	0.4828	11.87	11.95
K_7698	769.896 { 4	Y_3710	ppm	11.94	0.0037	0.0307	11.94	11.94
Li6707	670.784 { 5	Y_3710	ppm	0.4645	0.0034	0.7332	0.4621	0.4669
Mg2790	279.079 {1	Y_3710	ppm	5.027	0.1126	2.239	5.107	4.948
Mn2576	257.610 {1	Y_3600	ppm	0.4984	0.0017	0.338	0.4996	0.4973
Mn2576-2	257.610 {1	Y_3710	ppm	0.5009	0.0062	1.24	0.5053	0.4965
Mo2020	202.030 {4	Y_2243	ppm	0.5084	0.0016	0.3145	0.5073	0.5095
Na5895	589.592 { 5	Y_3710	ppm	11.84	0.0687	0.5797	11.8	11.89
Na8183	818.326 { 4	Y_3710	ppm	12.18	0.0625	0.5136	12.13	12.22
Ni2316	231.604 {4	In2306	ppm	0.4942	0.0003	0.0669	0.4939	0.4944
P_1782	178.284 {4	In2306	ppm	0.0005	0.001	198.8	-0.0002	0.0012
Pb2203	220.353 {4	In2306	ppm	0.4948	0.0003	0.0635	0.495	0.4946
S_1820	182.034 {4	Y_2243	ppm	-5736	13.1	0.2284	-5726	-5745
Sb2068	206.833 {4	Y_2243	ppm	0.5001	0.0029	0.5892	0.498	0.5022
Se1960	196.090 {4	Y_2243	ppm	0.5057	0.0016	0.3226	0.5045	0.5068
Si2516	251.611 {1	Y_3710	ppm	0.8872	0.0262	2.954	0.9058	0.8687
Sn1899	189.989 {4	In2306	ppm	0.4999	0.0008	0.1663	0.5004	0.4993
Sr4215	421.552 { 8	Y_3710	ppm	0.2516	0.0043	1.71	0.2546	0.2486
Ti3349	334.904 {1	Y_3600	ppm	0.5083	0.0012	0.2395	0.5092	0.5074
Tl1908	190.856 {4	In2306	ppm	0.5054	0.0004	0.0888	0.5058	0.5051
V_2924	292.402 {1	Y_3600	ppm	0.5024	0.0001	0.0145	0.5025	0.5024
Zn2062	206.200 {4	In2306	ppm	0.4951	0.0025	0.5097	0.4969	0.4933

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.681	0.14283	0.34267	41.782	41.58
In2306	230.606 {4	Cts/S	9460	16.753	0.17709	9471.8	9448.1
Y_2243	224.306 {4	Cts/S	11397	40.452	0.35494	11425	11368
Y_3600	360.073 { 9	Cts/S	103190	400.51	0.38815	102900	103470
Y_3710	371.030 { 9	Cts/S	6591.4	98.502	1.4944	6521.7	6661

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0053	0.0003	5.642	0.005	0.0055
Al3082	308.215 {1	In2306	ppm	0.088	0.0031	3.489	0.0858	0.0901
As1890	189.042 {4	Y_2243	ppm	0.01	0.0011	10.68	0.0092	0.0107
B_2496	249.678 {1	Y_3710	ppm	0.0051	0.0038	75.92	0.0023	0.0078
Ba4554	455.403 { 7	Y_3710	ppm	0.0095	0.0002	2.214	0.0093	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0001	1.764	0.005	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1091	0.0088	8.045	0.1029	0.1153
Ca3181	318.128 {1	In2306	ppm	0.088	0.0739	83.92	0.0358	0.1402
Cd2288	228.802 {4	Y_2243	ppm	0.0052	0.0005	9.905	0.0049	0.0056
Co2286	228.616 {4	In2306	ppm	0.0098	0.0006	5.937	0.0094	0.0102
Cr2677	267.716 {1	Y_3600	ppm	0.0102	0.0003	2.661	0.0101	0.0104
Cu3247	324.754 {1	Y_3600	ppm	0.0099	0.0001	0.9617	0.0098	0.01
Fe2404	240.488 {1	In2306	ppm	0.12	0.0358	29.84	0.0947	0.1453
K_7664	766.490 { 4	Y_3710	ppm	0.5791	0.0077	1.331	0.5736	0.5845
K_7698	769.896 { 4	Y_3710	ppm	0.5605	0.0292	5.208	0.5812	0.5399
Li6707	670.784 { 5	Y_3710	ppm	0.0097	0.0003	2.946	0.0095	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.074	0.0832	112.3	0.0152	0.1329
Mn2576	257.610 {1	Y_3600	ppm	0.0106	0.0004	4.138	0.0103	0.0109
Mn2576-2	257.610 {1	Y_3710	ppm	0.0111	0.0009	8.421	0.0105	0.0118
Mo2020	202.030 {4	Y_2243	ppm	0.0118	0.001	8.296	0.0111	0.0125
Na5895	589.592 { 5	Y_3710	ppm	0.5741	0.0023	0.403	0.5725	0.5758
Na8183	818.326 { 4	Y_3710	ppm	0.4793	0.12	25.04	0.5642	0.3944
Ni2316	231.604 {4	In2306	ppm	0.0099	0.001	10.38	0.0091	0.0106
P_1782	178.284 {4	In2306	ppm	0.009	0.0008	8.921	0.0096	0.0085
Pb2203	220.353 {4	In2306	ppm	0.0099	0	0.3288	0.0099	0.0099
S_1820	182.034 {4	Y_2243	ppm	-0.0533	2.765	5190	1.902	-2.009
Sb2068	206.833 {4	Y_2243	ppm	0.0188	0.0002	0.8176	0.0187	0.0189
Se1960	196.090 {4	Y_2243	ppm	0.0107	0.0005	4.456	0.0104	0.011
Si2516	251.611 {1	Y_3710	ppm	-0.0095	0.0227	239.3	-0.0256	0.0066
Sn1899	189.989 {4	In2306	ppm	0.0104	0.001	10.06	0.0097	0.0112
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	1.959	0.0048	0.0047
Ti3349	334.904 {1	Y_3600	ppm	0.0119	0.0004	3.437	0.0116	0.0122
Tl1908	190.856 {4	In2306	ppm	0.0096	0.0001	1.449	0.0097	0.0095
V_2924	292.402 {1	Y_3600	ppm	0.0107	0.0007	6.322	0.0103	0.0112
Zn2062	206.200 {4	In2306	ppm	0.0098	0.0005	5.336	0.0094	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.635	1.0033	2.4097	42.344	40.925
In2306	230.606 {4	Cts/S	10101	119.66	1.1847	10185	10016
Y_2243	224.306 {4	Cts/S	11756	178.75	1.5205	11883	11630
Y_3600	360.073 { 9	Cts/S	103530	2577.4	2.4894	105360	101710
Y_3710	371.030 { 9	Cts/S	6759.9	37.185	0.55008	6786.2	6733.7

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Sample Type=Unk
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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0007	278.7	-0.0008	0.0002
Al3082	308.215 {1	In2306	ppm	0.0156	0.0314	200.4	-0.0065	0.0378
As1890	189.042 {4	Y_2243	ppm	0.0014	0.0001	7.422	0.0013	0.0015
B_2496	249.678 {1	Y_3710	ppm	0.0076	0.0003	3.487	0.0078	0.0074
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0002	211.2	-0.0002	0
Be3130	313.042 {1	Y_3710	ppm	0	0	128.4	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0021	0.0223	1071	-0.0137	0.0179
Ca3181	318.128 {1	In2306	ppm	0.0952	0.0383	40.19	0.1223	0.0682
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	52.36	0	0.0001
Co2286	228.616 {4	In2306	ppm	-0.0002	0.0001	58.5	-0.0003	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0	0	52.56	0	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0001	0.0003	614.4	0.0003	-0.0002
Fe2404	240.488 {1	In2306	ppm	0.0072	0.0114	158.8	-0.0009	0.0153
K_7664	766.490 { 4	Y_3710	ppm	0.0025	0.0184	743.9	0.0155	-0.0105
K_7698	769.896 { 4	Y_3710	ppm	0.0292	0.0102	34.87	0.0364	0.022
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0005	248.4	0.0006	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0436	0.014	32.16	0.0337	0.0535
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	5.004	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0016	0.0016	101	0.0027	0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	15.96	0.0003	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0007	0.0001	10.76	0.0007	0.0008
Na8183	818.326 { 4	Y_3710	ppm	-0.0764	0.1228	160.6	0.0104	-0.1633
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	211.9	0	0.0002
P_1782	178.284 {4	In2306	ppm	0.0004	0.0006	142	0.0009	0
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0006	831.3	-0.0003	0.0005
S_1820	182.034 {4	Y_2243	ppm	5.431	11.96	220.2	13.89	-3.025
Sb2068	206.833 {4	Y_2243	ppm	0.0026	0.0002	8.5	0.0025	0.0028
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.001	204.9	0.0012	-0.0002
Si2516	251.611 {1	Y_3710	ppm	-0.0229	0.002	8.928	-0.0243	-0.0214
Sn1899	189.989 {4	In2306	ppm	-0.0001	0	27.63	-0.0001	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0	142.1	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0	0.0503	0.0008	0.0008
Tl1908	190.856 {4	In2306	ppm	-0.0015	0	0.9989	-0.0015	-0.0015
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0002	123.2	0	-0.0003

Zn2062	206.200 {4	In2306	ppm	0	0	70.67	0	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.562	0.65201	1.5688	42.023	41.101
In2306	230.606 {4	Cts/S	10027	72.431	0.72235	10078	9975.8
Y_2243	224.306 {4	Cts/S	11613	99.413	0.85603	11683	11543
Y_3600	360.073 { 9	Cts/S	106320	145.23	0.13659	106430	106220
Y_3710	371.030 { 9	Cts/S	6647.3	23.983	0.36079	6630.3	6664.2

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:28:55
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0005	183.5	0.0001	-0.0007
Al3082	308.215 {1	In2306	ppm	515	8.871	1.723	508.7	521.3
As1890	189.042 {4	Y_2243	ppm	0.0035	0.0018	51.94	0.0048	0.0022
B_2496	249.678 {1	Y_3710	ppm	-0.0013	0.002	155.5	-0.0028	0.0001
Ba4554	455.403 { 7	Y_3710	ppm	0.0008	0.0001	13.85	0.0007	0.0009
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	42.35	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	507.4	13.45	2.652	497.9	516.9
Ca3181	318.128 {1	In2306	ppm	511.3	13.56	2.652	501.7	520.9
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	27	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0001	0.0002	169.6	0.0002	0
Cr2677	267.716 {1	Y_3600	ppm	0.0025	0.0007	29.95	0.003	0.002
Cu3247	324.754 {1	Y_3600	ppm	0.003	0.0001	4.392	0.0031	0.0029
Fe2404	240.488 {1	In2306	ppm	199.9	4.87	2.436	196.4	203.3
K_7664	766.490 { 4	Y_3710	ppm	0.0064	0.0006	9.04	0.006	0.0068
K_7698	769.896 { 4	Y_3710	ppm	-0.0184	0.0002	1.053	-0.0186	-0.0183
Li6707	670.784 { 5	Y_3710	ppm	0.0078	0.0003	3.955	0.0081	0.0076
Mg2790	279.079 {1	Y_3710	ppm	602.7	18.19	3.018	589.9	615.6
Mn2576	257.610 {1	Y_3600	ppm	-0.0055	0.0003	4.882	-0.0053	-0.0057
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0066	0.0008	12.66	-0.006	-0.0072
Mo2020	202.030 {4	Y_2243	ppm	-0.0007	0.0003	39.21	-0.0005	-0.0009
Na5895	589.592 { 5	Y_3710	ppm	0.0165	0	0.1679	0.0165	0.0165
Na8183	818.326 { 4	Y_3710	ppm	0.5332	0.0829	15.55	0.5919	0.4746
Ni2316	231.604 {4	In2306	ppm	0.0056	0.0001	1.987	0.0056	0.0055
P_1782	178.284 {4	In2306	ppm	0.0031	0.001	32.44	0.0038	0.0024
Pb2203	220.353 {4	In2306	ppm	-0.0116	0.001	8.989	-0.0109	-0.0124
S_1820	182.034 {4	Y_2243	ppm	792.3	3.422	0.4319	789.9	794.7
Sb2068	206.833 {4	Y_2243	ppm	-0.0074	0	0.4576	-0.0074	-0.0074
Se1960	196.090 {4	Y_2243	ppm	0.0031	0.0011	34.22	0.0023	0.0038
Si2516	251.611 {1	Y_3710	ppm	-0.0209	0.0035	16.58	-0.0233	-0.0184
Sn1899	189.989 {4	In2306	ppm	0.0018	0.0005	26.05	0.0015	0.0021
Sr4215	421.552 { 8	Y_3710	ppm	0.0024	0.0001	2.245	0.0024	0.0025
Ti3349	334.904 {1	Y_3600	ppm	0.0024	0.0003	10.93	0.0026	0.0022
Tl1908	190.856 {4	In2306	ppm	-0.0054	0.0008	15.12	-0.0048	-0.006

V_2924	292.402 {1	Y_3600	ppm	-0.0065	0.0001	1.026	-0.0064	-0.0065
Zn2062	206.200 {4	In2306	ppm	0.0043	0.0002	4.665	0.0044	0.0041

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.248	0.57021	1.4167	40.651	39.845
In2306	230.606 {4	Cts/S	7231.3	2.3316	0.03224	7232.9	7229.6
Y_2243	224.306 {4	Cts/S	10047	2.7848	0.02772	10049	10045
Y_3600	360.073 { 9	Cts/S	88348	432.17	0.48917	88043	88654
Y_3710	371.030 { 9	Cts/S	5718.7	113.63	1.987	5799.1	5638.4

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:31:31
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5652	0.0015	0.2687	0.5641	0.5663
Al3082	308.215 {1	In2306	ppm	527.4	3.275	0.621	529.7	525.1
As1890	189.042 {4	Y_2243	ppm	1.02	0.0031	0.3011	1.018	1.022
B_2496	249.678 {1	Y_3710	ppm	1.12	0.0431	3.85	1.09	1.151
Ba4554	455.403 { 7	Y_3710	ppm	1.137	0.0395	3.476	1.109	1.165
Be3130	313.042 {1	Y_3710	ppm	0.5382	0.0211	3.912	0.5234	0.5531
Ca3158	315.887 {1	In2306	ppm	523.4	3.661	0.6996	520.8	525.9
Ca3181	318.128 {1	In2306	ppm	528.4	4.53	0.8573	525.2	531.6
Cd2288	228.802 {4	Y_2243	ppm	0.5248	0.0024	0.4483	0.5232	0.5265
Co2286	228.616 {4	In2306	ppm	1.014	0.0052	0.5135	1.01	1.017
Cr2677	267.716 {1	Y_3600	ppm	0.9611	0.0117	1.218	0.9694	0.9529
Cu3247	324.754 {1	Y_3600	ppm	1.078	0.0018	0.169	1.077	1.08
Fe2404	240.488 {1	In2306	ppm	211.4	1.335	0.6316	210.5	212.4
K_7664	766.490 { 4	Y_3710	ppm	11.37	0.2792	2.455	11.18	11.57
K_7698	769.896 { 4	Y_3710	ppm	11.62	0.3055	2.629	11.41	11.84
Li6707	670.784 { 5	Y_3710	ppm	1.088	0.0215	1.975	1.073	1.103
Mg2790	279.079 {1	Y_3710	ppm	615.8	27.4	4.449	596.4	635.2
Mn2576	257.610 {1	Y_3600	ppm	0.9462	0.005	0.5256	0.9497	0.9427
Mn2576-2	257.610 {1	Y_3710	ppm	1.083	0.0489	4.515	1.049	1.118
Mo2020	202.030 {4	Y_2243	ppm	0.933	0.005	0.5366	0.9294	0.9365
Na5895	589.592 { 5	Y_3710	ppm	11.08	0.258	2.329	10.9	11.26
Na8183	818.326 { 4	Y_3710	ppm	11.84	0.2003	1.692	11.7	11.98
Ni2316	231.604 {4	In2306	ppm	1.001	0.0064	0.6395	0.9962	1.005
P_1782	178.284 {4	In2306	ppm	1.144	0.0053	0.4648	1.14	1.148
Pb2203	220.353 {4	In2306	ppm	0.9711	0.0046	0.4711	0.9679	0.9743
S_1820	182.034 {4	Y_2243	ppm	832.4	19.04	2.287	819	845.9
Sb2068	206.833 {4	Y_2243	ppm	0.9801	0.0039	0.3958	0.9773	0.9828
Se1960	196.090 {4	Y_2243	ppm	1.011	0.01	0.9907	1.004	1.019
Si2516	251.611 {1	Y_3710	ppm	0.9778	0.0566	5.791	0.9377	1.018
Sn1899	189.989 {4	In2306	ppm	1.006	0.0057	0.5629	1.002	1.01
Sr4215	421.552 { 8	Y_3710	ppm	0.5584	0.0198	3.543	0.5444	0.5724
Ti3349	334.904 {1	Y_3600	ppm	0.9844	0.0035	0.3569	0.9869	0.9819

Tl1908	190.856 {4	In2306	ppm	0.9348	0.0026	0.2826	0.933	0.9367
V_2924	292.402 {1	Y_3600	ppm	0.9733	0.0051	0.5269	0.9769	0.9696
Zn2062	206.200 {4	In2306	ppm	1.036	0.0045	0.4378	1.033	1.039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.631	0.28742	0.72524	39.428	39.834
In2306	230.606 {4	Cts/S	7178.3	34.045	0.47428	7202.4	7154.3
Y_2243	224.306 {4	Cts/S	10042	52.996	0.52776	10079	10004
Y_3600	360.073 { 9	Cts/S	88401	141.96	0.16059	88501	88301
Y_3710	371.030 { 9	Cts/S	5698	178.59	3.1343	5824.3	5571.7

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2502	0.0001	0.0485	0.2503	0.2501
Al3082	308.215 {1	In2306	ppm	2.499	0.0422	1.687	2.528	2.469
As1890	189.042 {4	Y_2243	ppm	0.4919	0	0.0014	0.4919	0.4919
B_2496	249.678 {1	Y_3710	ppm	0.4813	0.007	1.453	0.4862	0.4763
Ba4554	455.403 { 7	Y_3710	ppm	0.4898	0.0041	0.8278	0.4927	0.4869
Be3130	313.042 {1	Y_3710	ppm	0.5024	0.0038	0.7508	0.5051	0.4997
Ca3158	315.887 {1	In2306	ppm	12.77	0.5024	3.934	13.13	12.42
Ca3181	318.128 {1	In2306	ppm	12.72	0.4561	3.584	13.05	12.4
Cd2288	228.802 {4	Y_2243	ppm	0.4935	0.0018	0.3694	0.4922	0.4948
Co2286	228.616 {4	In2306	ppm	0.5019	0.0025	0.4909	0.5001	0.5036
Cr2677	267.716 {1	Y_3600	ppm	0.5064	0.0004	0.0789	0.5067	0.5061
Cu3247	324.754 {1	Y_3600	ppm	0.4984	0.002	0.3995	0.497	0.4998
Fe2404	240.488 {1	In2306	ppm	2.545	0.1048	4.117	2.62	2.471
K_7664	766.490 { 4	Y_3710	ppm	12.13	0.1325	1.093	12.22	12.03
K_7698	769.896 { 4	Y_3710	ppm	12.21	0.1393	1.141	12.31	12.11
Li6707	670.784 { 5	Y_3710	ppm	0.476	0.0084	1.755	0.482	0.4701
Mg2790	279.079 {1	Y_3710	ppm	5.07	0.0269	0.5304	5.089	5.051
Mn2576	257.610 {1	Y_3600	ppm	0.5012	0.0017	0.3402	0.5025	0.5
Mn2576-2	257.610 {1	Y_3710	ppm	0.4846	0.0039	0.8135	0.4874	0.4818
Mo2020	202.030 {4	Y_2243	ppm	0.5024	0.0022	0.4365	0.5008	0.5039
Na5895	589.592 { 5	Y_3710	ppm	12.1	0.1595	1.318	12.21	11.99
Na8183	818.326 { 4	Y_3710	ppm	12.44	0.0514	0.4131	12.48	12.41
Ni2316	231.604 {4	In2306	ppm	0.4964	0.0017	0.3434	0.4952	0.4976
P_1782	178.284 {4	In2306	ppm	-0.0004	0.0018	445.6	-0.0017	0.0009
Pb2203	220.353 {4	In2306	ppm	0.4981	0.0032	0.634	0.4959	0.5004
S_1820	182.034 {4	Y_2243	ppm	-5724	1.884	0.0329	-5723	-5725
Sb2068	206.833 {4	Y_2243	ppm	0.5045	0.0053	1.041	0.5008	0.5082
Se1960	196.090 {4	Y_2243	ppm	0.4973	0.0021	0.4239	0.4958	0.4987
Si2516	251.611 {1	Y_3710	ppm	0.861	0.0072	0.8362	0.8661	0.8559
Sn1899	189.989 {4	In2306	ppm	0.5	0.0009	0.1773	0.4994	0.5006
Sr4215	421.552 { 8	Y_3710	ppm	0.2487	0.0021	0.8613	0.2502	0.2472

Ti3349	334.904 {1	Y_3600	ppm	0.5102	0.001	0.2051	0.5109	0.5094
Tl1908	190.856 {4	In2306	ppm	0.5034	0.0035	0.6956	0.5009	0.5059
V_2924	292.402 {1	Y_3600	ppm	0.5117	0.0002	0.0466	0.5118	0.5115
Zn2062	206.200 {4	In2306	ppm	0.502	0.0025	0.5054	0.5003	0.5038

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.651	1.4731	3.5367	40.609	42.693
In2306	230.606 {4	Cts/S	9492.8	44.504	0.46882	9524.2	9461.3
Y_2243	224.306 {4	Cts/S	11557	39.402	0.34093	11585	11530
Y_3600	360.073 { 9	Cts/S	103150	31.153	0.0302	103180	103130
Y_3710	371.030 { 9	Cts/S	6556.2	23.356	0.35625	6539.7	6572.8

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Comment=
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Run Time=1/16/2012 8:36:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0056	0.0003	4.958	0.0054	0.0058
Al3082	308.215 {1	In2306	ppm	0.1239	0.0123	9.963	0.1152	0.1326
As1890	189.042 {4	Y_2243	ppm	0.0115	0.0029	24.86	0.0095	0.0135
B_2496	249.678 {1	Y_3710	ppm	0.0089	0.0102	115.1	0.0017	0.0161
Ba4554	455.403 { 7	Y_3710	ppm	0.0091	0.0002	2.058	0.009	0.0093
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0002	4.202	0.0047	0.005
Ca3158	315.887 {1	In2306	ppm	0.1051	0.0107	10.19	0.1127	0.0976
Ca3181	318.128 {1	In2306	ppm	0.1815	0.0562	30.96	0.2213	0.1418
Cd2288	228.802 {4	Y_2243	ppm	0.0075	0.0034	44.96	0.0051	0.0099
Co2286	228.616 {4	In2306	ppm	0.0124	0.0037	29.46	0.0098	0.015
Cr2677	267.716 {1	Y_3600	ppm	0.0102	0.0001	1.46	0.0101	0.0103
Cu3247	324.754 {1	Y_3600	ppm	0.0107	0.0001	1.138	0.0106	0.0108
Fe2404	240.488 {1	In2306	ppm	0.0676	0.0026	3.909	0.0695	0.0658
K_7664	766.490 { 4	Y_3710	ppm	0.5746	0.0259	4.512	0.5563	0.5929
K_7698	769.896 { 4	Y_3710	ppm	0.5948	0.0244	4.107	0.5775	0.6121
Li6707	670.784 { 5	Y_3710	ppm	0.0092	0.0006	6.01	0.0088	0.0096
Mg2790	279.079 {1	Y_3710	ppm	0.0759	0.0092	12.17	0.0694	0.0825
Mn2576	257.610 {1	Y_3600	ppm	0.0104	0.0002	1.878	0.0105	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0116	0.0002	1.489	0.0117	0.0115
Mo2020	202.030 {4	Y_2243	ppm	0.0146	0.0045	30.79	0.0114	0.0178
Na5895	589.592 { 5	Y_3710	ppm	0.5755	0.0355	6.165	0.5504	0.6006
Na8183	818.326 { 4	Y_3710	ppm	0.4723	0.116	24.56	0.3903	0.5543
Ni2316	231.604 {4	In2306	ppm	0.0121	0.0038	31.37	0.0094	0.0148
P_1782	178.284 {4	In2306	ppm	0.0086	0.0002	2.023	0.0085	0.0087
Pb2203	220.353 {4	In2306	ppm	0.0108	0.0026	23.95	0.009	0.0126
S_1820	182.034 {4	Y_2243	ppm	-51.53	19.76	38.35	-37.55	-65.5
Sb2068	206.833 {4	Y_2243	ppm	0.0232	0.0051	22.04	0.0196	0.0269
Se1960	196.090 {4	Y_2243	ppm	0.011	0.0029	26.78	0.0089	0.0131
Si2516	251.611 {1	Y_3710	ppm	0.001	0.0042	411.6	-0.0019	0.004
Sn1899	189.989 {4	In2306	ppm	0.0131	0.004	30.69	0.0103	0.016

Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0.0002	3.568	0.0047	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0.0003	2.697	0.0111	0.0107
Tl1908	190.856 {4	In2306	ppm	0.0131	0.0047	35.67	0.0098	0.0163
V_2924	292.402 {1	Y_3600	ppm	0.0103	0.0004	4.021	0.0106	0.01
Zn2062	206.200 {4	In2306	ppm	0.0123	0.0035	28.16	0.0098	0.0147

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.198	1.3316	3.1555	43.14	41.256
In2306	230.606 {4	Cts/S	10038	27.442	0.27339	10057	10018
Y_2243	224.306 {4	Cts/S	11718	33.155	0.28294	11741	11694
Y_3600	360.073 { 9	Cts/S	105270	1125.3	1.069	104470	106060
Y_3710	371.030 { 9	Cts/S	6704.4	226.38	3.3766	6864.5	6544.3

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Custom ID1=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	84.09	-0.0003	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0567	0.0001	0.1966	0.0566	0.0568
As1890	189.042 {4	Y_2243	ppm	0.001	0.0007	74.72	0.0015	0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0031	0.006	192.7	0.0011	-0.0073
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	129.1	0	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	160	-0.0002	0
Ca3158	315.887 {1	In2306	ppm	0.0089	0.0129	145.4	-0.0002	0.0181
Ca3181	318.128 {1	In2306	ppm	0.0412	0.0452	109.6	0.0093	0.0732
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	50.89	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	-0.0002	0	22.17	-0.0002	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0	19.36	0.0003	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0001	0.0002	266.6	-0.0001	0.0002
Fe2404	240.488 {1	In2306	ppm	-0.0076	0.0223	294.8	0.0082	-0.0233
K_7664	766.490 { 4	Y_3710	ppm	0.0055	0.0225	409.2	0.0214	-0.0104
K_7698	769.896 { 4	Y_3710	ppm	0.0357	0.0063	17.67	0.0312	0.0402
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0004	206.4	0.0005	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0456	0.0276	60.54	-0.0261	-0.0652
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	41.12	0	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0013	0.0001	7.126	0.0013	0.0014
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0004	106.2	0.0001	0.0007
Na5895	589.592 { 5	Y_3710	ppm	0.0057	0.0024	41.26	0.0074	0.0041
Na8183	818.326 { 4	Y_3710	ppm	-0.0651	0.1598	245.3	0.0479	-0.1781
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0001	32.64	0.0002	0.0001
P_1782	178.284 {4	In2306	ppm	0.0002	0.0003	129	0.0004	0
Pb2203	220.353 {4	In2306	ppm	-0.0005	0.0003	55.61	-0.0003	-0.0007
S_1820	182.034 {4	Y_2243	ppm	-8.504	2.72	31.98	-6.581	-10.43
Sb2068	206.833 {4	Y_2243	ppm	0.0033	0.0016	47.5	0.0022	0.0044
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0006	38.22	0.0019	0.0011
Si2516	251.611 {1	Y_3710	ppm	-0.0376	0.0021	5.671	-0.0391	-0.0361

Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0001	62.42	-0.0001	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	51.07	0.0002	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0001	38.99	0.0004	0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0011	0.0002	19	-0.001	-0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0002	320	-0.0002	0.0001
Zn2062	206.200 {4	In2306	ppm	-0.0001	0.0001	164.1	-0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.864	1.2765	3.0491	40.961	42.766
In2306	230.606 {4	Cts/S	9836.7	256	2.6025	10018	9655.7
Y_2243	224.306 {4	Cts/S	11374	312.3	2.7456	11595	11154
Y_3600	360.073 { 9	Cts/S	103310	3793.8	3.6723	100630	105990
Y_3710	371.030 { 9	Cts/S	6526.3	24.562	0.37635	6509	6543.7

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 8:48:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	22.68	0.0004	0.0006
Al3082	308.215 {1	In2306	ppm	0.0144	0.028	194.1	-0.0054	0.0342
As1890	189.042 {4	Y_2243	ppm	-0.0001	0	37.32	-0.0001	0
B_2496	249.678 {1	Y_3710	ppm	-0.0123	0.0078	63.54	-0.0068	-0.0179
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	34.51	0.0003	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	39.55	0	0
Ca3158	315.887 {1	In2306	ppm	-0.0017	0.0299	1795	0.0195	-0.0228
Ca3181	318.128 {1	In2306	ppm	0.0973	0.0801	82.35	0.1539	0.0406
Cd2288	228.802 {4	Y_2243	ppm	0	0	77.23	0	0.0001
Co2286	228.616 {4	In2306	ppm	-0.0002	0.0002	90.2	-0.0001	-0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0001	27.89	0.0004	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0019	0	2.483	0.0019	0.0018
Fe2404	240.488 {1	In2306	ppm	0.0244	0.0081	33.2	0.0187	0.0302
K_7664	766.490 { 4	Y_3710	ppm	-0.0165	0.0069	41.78	-0.0214	-0.0116
K_7698	769.896 { 4	Y_3710	ppm	-0.0345	0.0082	23.79	-0.0403	-0.0287
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0002	420	-0.0001	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0034	0.0246	730.4	0.0207	-0.014
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	5.019	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0022	0.0005	24.08	0.0026	0.0018
Mo2020	202.030 {4	Y_2243	ppm	0	0.0002	639.6	0.0002	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0035	0.0025	71.17	0.0052	0.0017
Na8183	818.326 { 4	Y_3710	ppm	0.1972	0.0222	11.26	0.1815	0.2128
Ni2316	231.604 {4	In2306	ppm	-0.0003	0	15.03	-0.0002	-0.0003
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0007	117.2	-0.0001	-0.0011
Pb2203	220.353 {4	In2306	ppm	-0.0004	0.0009	234.2	0.0003	-0.001
S_1820	182.034 {4	Y_2243	ppm	-17.02	3.607	21.19	-19.57	-14.47
Sb2068	206.833 {4	Y_2243	ppm	0.0017	0.0018	110.4	0.0004	0.003
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0006	108	-0.0001	-0.001

Si2516	251.611 {1	Y_3710	ppm	-0.0031	0.0021	66.92	-0.0046	-0.0016
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0003	368	0.0001	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	53.63	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0.0002	19.56	0.001	0.0007
Tl1908	190.856 {4	In2306	ppm	-0.0013	0.0001	8.113	-0.0012	-0.0014
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	506.1	0.0001	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0017	0.0001	4.565	0.0016	0.0017

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.58	0.55306	1.3973	39.189	39.971
In2306	230.606 {4	Cts/S	9961.8	116.78	1.1723	10044	9879.2
Y_2243	224.306 {4	Cts/S	11451	170.39	1.4879	11572	11331
Y_3600	360.073 { 9	Cts/S	104790	3492.3	3.3328	107260	102320
Y_3710	371.030 { 9	Cts/S	6654.7	9.4646	0.14222	6661.4	6648

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Custom ID3=
Run Time=1/16/2012 8:51:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5191	0.0197	3.798	0.5051	0.533
Al3082	308.215 {1	In2306	ppm	10.17	0.0298	0.2931	10.19	10.15
As1890	189.042 {4	Y_2243	ppm	0.9985	0.0071	0.7151	0.9935	1.004
B_2496	249.678 {1	Y_3710	ppm	0.9773	0.0119	1.215	0.9857	0.9689
Ba4554	455.403 { 7	Y_3710	ppm	0.9998	0.0013	0.1324	0.9989	1.001
Be3130	313.042 {1	Y_3710	ppm	0.4946	0.0037	0.7454	0.492	0.4973
Ca3158	315.887 {1	In2306	ppm	10.38	0.0616	0.5935	10.33	10.42
Ca3181	318.128 {1	In2306	ppm	10.34	0.0812	0.7857	10.4	10.28
Cd2288	228.802 {4	Y_2243	ppm	0.4983	0.0056	1.122	0.4943	0.5022
Co2286	228.616 {4	In2306	ppm	0.9986	0.0068	0.6764	0.9938	1.003
Cr2677	267.716 {1	Y_3600	ppm	1.002	0.0438	4.369	0.971	1.033
Cu3247	324.754 {1	Y_3600	ppm	1.006	0.0432	4.297	0.9751	1.036
Fe2404	240.488 {1	In2306	ppm	10.35	0.0432	0.4179	10.32	10.38
K_7664	766.490 { 4	Y_3710	ppm	10.35	0.0101	0.0977	10.34	10.36
K_7698	769.896 { 4	Y_3710	ppm	10.13	0.0089	0.0874	10.12	10.13
Li6707	670.784 { 5	Y_3710	ppm	0.5152	0.0017	0.3226	0.5164	0.514
Mg2790	279.079 {1	Y_3710	ppm	9.807	0.0696	0.7099	9.757	9.856
Mn2576	257.610 {1	Y_3600	ppm	1.009	0.042	4.159	0.9797	1.039
Mn2576-2	257.610 {1	Y_3710	ppm	0.9664	0.0138	1.429	0.9566	0.9761
Mo2020	202.030 {4	Y_2243	ppm	1.015	0.0091	0.8945	1.009	1.021
Na5895	589.592 { 5	Y_3710	ppm	10.27	0.011	0.1068	10.28	10.26
Na8183	818.326 { 4	Y_3710	ppm	9.885	0.1434	1.451	9.784	9.986
Ni2316	231.604 {4	In2306	ppm	0.9915	0.0071	0.7113	0.9865	0.9965
P_1782	178.284 {4	In2306	ppm	-0.0002	0.0002	90.06	-0.0004	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.9954	0.009	0.9008	0.9891	1.002
S_1820	182.034 {4	Y_2243	ppm	12.13	3.381	27.87	9.739	14.52
Sb2068	206.833 {4	Y_2243	ppm	0.9718	0.0012	0.1219	0.971	0.9726

Se1960	196.090 {4	Y_2243	ppm	1.013	0.0109	1.072	1.006	1.021
Si2516	251.611 {1	Y_3710	ppm	0.9119	0.0204	2.238	0.8974	0.9263
Sn1899	189.989 {4	In2306	ppm	1.01	0.0023	0.2281	1.008	1.011
Sr4215	421.552 { 8	Y_3710	ppm	0.504	0.0015	0.29	0.503	0.505
Ti3349	334.904 {1	Y_3600	ppm	1.019	0.0438	4.297	0.9879	1.05
Tl1908	190.856 {4	In2306	ppm	1.007	0.0032	0.3213	1.005	1.01
V_2924	292.402 {1	Y_3600	ppm	1.003	0.0413	4.122	0.9738	1.032
Zn2062	206.200 {4	In2306	ppm	0.9894	0.0078	0.7921	0.9838	0.9949

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.536	0.12783	0.32331	39.446	39.627
In2306	230.606 {4	Cts/S	9357.2	137.7	1.4716	9454.5	9259.8
Y_2243	224.306 {4	Cts/S	11330	170.15	1.5018	11450	11209
Y_3600	360.073 { 9	Cts/S	102290	2998.5	2.9313	104410	100170
Y_3710	371.030 { 9	Cts/S	6479.1	47.456	0.73244	6512.7	6445.6

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0003	173.3	0.0003	0
Al3082	308.215 {1	In2306	ppm	5.023	0.1191	2.371	5.107	4.938
As1890	189.042 {4	Y_2243	ppm	0.0033	0.0019	55.88	0.002	0.0046
B_2496	249.678 {1	Y_3710	ppm	0.0023	0.0065	287.7	-0.0023	0.0068
Ba4554	455.403 { 7	Y_3710	ppm	0.0498	0.0021	4.247	0.0513	0.0483
Be3130	313.042 {1	Y_3710	ppm	0.0004	0.0001	12.97	0.0004	0.0005
Ca3158	315.887 {1	In2306	ppm	105.3	2.914	2.766	107.4	103.3
Ca3181	318.128 {1	In2306	ppm	104.9	3.202	3.053	107.1	102.6
Cd2288	228.802 {4	Y_2243	ppm	0.0009	0.0008	89.24	0.0003	0.0015
Co2286	228.616 {4	In2306	ppm	0.0035	0.0018	49.93	0.0023	0.0047
Cr2677	267.716 {1	Y_3600	ppm	0.0034	0.0001	2.12	0.0035	0.0034
Cu3247	324.754 {1	Y_3600	ppm	0.0054	0.0002	3.126	0.0056	0.0053
Fe2404	240.488 {1	In2306	ppm	2.228	0.0981	4.405	2.298	2.159
K_7664	766.490 { 4	Y_3710	ppm	3.895	0.1536	3.944	4.004	3.786
K_7698	769.896 { 4	Y_3710	ppm	3.907	0.1942	4.969	4.045	3.77
Li6707	670.784 { 5	Y_3710	ppm	0.0027	0.0008	30.62	0.0032	0.0021
Mg2790	279.079 {1	Y_3710	ppm	1.906	0.1543	8.099	2.015	1.797
Mn2576	257.610 {1	Y_3600	ppm	0.189	0.0033	1.767	0.1866	0.1914
Mn2576-2	257.610 {1	Y_3710	ppm	0.1879	0.006	3.186	0.1921	0.1836
Mo2020	202.030 {4	Y_2243	ppm	0.0036	0.0029	78.77	0.0016	0.0057
Na5895	589.592 { 5	Y_3710	ppm	0.6033	0.0259	4.3	0.6217	0.585
Na8183	818.326 { 4	Y_3710	ppm	0.736	0.2114	28.72	0.8855	0.5865
Ni2316	231.604 {4	In2306	ppm	0.0041	0.0019	47.05	0.0027	0.0055
P_1782	178.284 {4	In2306	ppm	0.1875	0.0003	0.1759	0.1873	0.1878
Pb2203	220.353 {4	In2306	ppm	0.0052	0.0017	33.76	0.0039	0.0064
S_1820	182.034 {4	Y_2243	ppm	-4220	6.239	0.1479	-4215	-4224

Sb2068	206.833 {4	Y_2243	ppm	0.0139	0.0029	21.08	0.0118	0.0159
Se1960	196.090 {4	Y_2243	ppm	0.0014	0.0002	15.07	0.0015	0.0012
Si2516	251.611 {1	Y_3710	ppm	9.79	0.3697	3.777	10.05	9.528
Sn1899	189.989 {4	In2306	ppm	0.0028	0.0026	94.05	0.0009	0.0046
Sr4215	421.552 { 8	Y_3710	ppm	0.0555	0.0023	4.153	0.0571	0.0539
Ti3349	334.904 {1	Y_3600	ppm	0.0347	0.0008	2.415	0.0341	0.0353
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0028	176.6	-0.0004	0.0036
V_2924	292.402 {1	Y_3600	ppm	0.0105	0.0001	1.311	0.0104	0.0106
Zn2062	206.200 {4	In2306	ppm	0.0377	0.0022	5.78	0.0362	0.0393

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.774	0.67849	1.664	40.294	41.253
In2306	230.606 {4	Cts/S	9312.3	65.14	0.69951	9358.4	9266.3
Y_2243	224.306 {4	Cts/S	11400	74.094	0.64996	11452	11347
Y_3600	360.073 { 9	Cts/S	101350	2074.4	2.0467	102820	99885
Y_3710	371.030 { 9	Cts/S	6378.5	222.46	3.4877	6221.2	6535.8

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Custom ID2=
Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0002	113.6	0	-0.0003
Al3082	308.215 {1	In2306	ppm	1.478	0.04	2.707	1.45	1.507
As1890	189.042 {4	Y_2243	ppm	0.0024	0.0002	10.2	0.0025	0.0022
B_2496	249.678 {1	Y_3710	ppm	-0.0029	0.0041	139.9	-0.0058	0
Ba4554	455.403 { 7	Y_3710	ppm	0.0145	0.0004	2.797	0.0148	0.0142
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	113.7	0	0.0001
Ca3158	315.887 {1	In2306	ppm	15.68	0.0614	0.3918	15.72	15.64
Ca3181	318.128 {1	In2306	ppm	15.7	0.1266	0.8061	15.79	15.61
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0002	92.66	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0011	0.0006	50.41	0.0007	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.0015	0.0002	13.92	0.0013	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0037	0.0005	14.94	0.004	0.0033
Fe2404	240.488 {1	In2306	ppm	0.7916	0.0201	2.541	0.8059	0.7774
K_7664	766.490 { 4	Y_3710	ppm	1.953	0.0645	3.305	1.998	1.907
K_7698	769.896 { 4	Y_3710	ppm	1.961	0.0443	2.259	1.993	1.93
Li6707	670.784 { 5	Y_3710	ppm	0.001	0	4.687	0.0009	0.001
Mg2790	279.079 {1	Y_3710	ppm	0.5252	0.0613	11.68	0.4818	0.5686
Mn2576	257.610 {1	Y_3600	ppm	0.0906	0.0009	1.011	0.0899	0.0912
Mn2576-2	257.610 {1	Y_3710	ppm	0.0857	0.0044	5.138	0.0888	0.0826
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0.0006	95.82	0.0002	0.001
Na5895	589.592 { 5	Y_3710	ppm	0.2595	0.0008	0.3206	0.2601	0.2589
Na8183	818.326 { 4	Y_3710	ppm	0.2155	0.0627	29.08	0.2598	0.1712
Ni2316	231.604 {4	In2306	ppm	0.001	0.0005	49.41	0.0006	0.0013
P_1782	178.284 {4	In2306	ppm	0.1163	0.005	4.305	0.1127	0.1198
Pb2203	220.353 {4	In2306	ppm	0.0056	0	0.8882	0.0057	0.0056

S_1820	182.034 {4	Y_2243	ppm	-3185	60.94	1.913	-3142	-3228
Sb2068	206.833 {4	Y_2243	ppm	0.0011	0.0011	93.31	0.0019	0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0009	190.2	-0.0002	0.0011
Si2516	251.611 {1	Y_3710	ppm	2.9	0.0953	3.288	2.967	2.832
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0004	195.3	-0.0001	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.0103	0.0004	3.799	0.0105	0.01
Ti3349	334.904 {1	Y_3600	ppm	0.014	0	0.0977	0.014	0.014
Tl1908	190.856 {4	In2306	ppm	-0.0012	0.0001	4.956	-0.0012	-0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0037	0.0003	9.039	0.0034	0.0039
Zn2062	206.200 {4	In2306	ppm	0.0451	0.0012	2.567	0.0443	0.0459

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.21	0.32199	0.76282	42.438	41.982
In2306	230.606 {4	Cts/S	9687.3	186.52	1.9254	9819.2	9555.4
Y_2243	224.306 {4	Cts/S	11384	187.87	1.6503	11517	11251
Y_3600	360.073 { 9	Cts/S	105930	975.99	0.92135	106620	105240
Y_3710	371.030 { 9	Cts/S	6585.9	153.89	2.3366	6477	6694.7

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	43.54	-0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	3.849	0.0838	2.178	3.908	3.79
As1890	189.042 {4	Y_2243	ppm	0.0036	0.0011	29.59	0.0028	0.0043
B_2496	249.678 {1	Y_3710	ppm	0.0133	0.0019	14.18	0.0119	0.0146
Ba4554	455.403 { 7	Y_3710	ppm	0.039	0	0.0068	0.039	0.039
Be3130	313.042 {1	Y_3710	ppm	0.0003	0	16.86	0.0002	0.0003
Ca3158	315.887 {1	In2306	ppm	53.64	1.537	2.865	54.73	52.55
Ca3181	318.128 {1	In2306	ppm	53.16	1.318	2.48	54.09	52.23
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	26.51	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0013	0.0001	9.884	0.0014	0.0012
Cr2677	267.716 {1	Y_3600	ppm	0.0047	0.0002	3.372	0.0048	0.0045
Cu3247	324.754 {1	Y_3600	ppm	0.0061	0.0005	8.143	0.0057	0.0065
Fe2404	240.488 {1	In2306	ppm	1.995	0.0579	2.902	2.036	1.954
K_7664	766.490 { 4	Y_3710	ppm	4.563	0.1138	2.495	4.483	4.644
K_7698	769.896 { 4	Y_3710	ppm	4.575	0.0669	1.462	4.528	4.623
Li6707	670.784 { 5	Y_3710	ppm	0.003	0.0001	4.646	0.0031	0.0029
Mg2790	279.079 {1	Y_3710	ppm	2.108	0.0395	1.872	2.136	2.08
Mn2576	257.610 {1	Y_3600	ppm	0.1218	0.0067	5.505	0.1171	0.1266
Mn2576-2	257.610 {1	Y_3710	ppm	0.1193	0.0017	1.418	0.1205	0.1181
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0	6.077	0.0007	0.0007
Na5895	589.592 { 5	Y_3710	ppm	1.988	0.0626	3.15	1.944	2.032
Na8183	818.326 { 4	Y_3710	ppm	1.796	0.1125	6.261	1.717	1.876
Ni2316	231.604 {4	In2306	ppm	0.0027	0.0003	9.931	0.0025	0.0029
P_1782	178.284 {4	In2306	ppm	0.2183	0	0.0115	0.2183	0.2182

Pb2203	220.353 {4	In2306	ppm	0.0035	0.0007	18.74	0.004	0.003
S_1820	182.034 {4	Y_2243	ppm	-14080	114.6	0.8142	-14160	-14000
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0	1.428	0.0006	0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0006	178.9	-0.0001	0.0007
Si2516	251.611 {1	Y_3710	ppm	9.134	0.0977	1.07	9.065	9.203
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0001	16.42	-0.0005	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0588	0.0004	0.6821	0.0585	0.059
Ti3349	334.904 {1	Y_3600	ppm	0.0308	0.0015	4.758	0.0298	0.0319
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0006	438.3	0.0006	-0.0003
V_2924	292.402 {1	Y_3600	ppm	0.0093	0.0006	6.213	0.0089	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0521	0.0001	0.2426	0.0522	0.052

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.198	0.62268	1.5114	40.758	41.639
In2306	230.606 {4	Cts/S	9379.8	4.9378	0.05264	9376.3	9383.3
Y_2243	224.306 {4	Cts/S	11299	27.481	0.24321	11280	11319
Y_3600	360.073 { 9	Cts/S	101710	4016.4	3.9487	104550	98873
Y_3710	371.030 { 9	Cts/S	6281	46.348	0.73791	6313.8	6248.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0	7.229	-0.0002	-0.0002
Al3082	308.215 {1	In2306	ppm	0.6508	0.003	0.456	0.6487	0.6529
As1890	189.042 {4	Y_2243	ppm	0.0046	0.0007	15.4	0.0041	0.0051
B_2496	249.678 {1	Y_3710	ppm	0.0946	0.01	10.6	0.0875	0.1017
Ba4554	455.403 { 7	Y_3710	ppm	0.0534	0.0003	0.653	0.0536	0.0531
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	91.07	0.0001	0
Ca3158	315.887 {1	In2306	ppm	43.37	0.1348	0.3108	43.46	43.27
Ca3181	318.128 {1	In2306	ppm	43.05	0.1166	0.2709	42.96	43.13
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	13.73	0.0004	0.0004
Co2286	228.616 {4	In2306	ppm	0.0009	0.0001	15.9	0.001	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0055	0.0003	4.588	0.0053	0.0057
Cu3247	324.754 {1	Y_3600	ppm	0.0429	0.0003	0.7749	0.0426	0.0431
Fe2404	240.488 {1	In2306	ppm	0.8327	0.01	1.201	0.8398	0.8256
K_7664	766.490 { 4	Y_3710	ppm	4.452	0.0132	0.297	4.443	4.462
K_7698	769.896 { 4	Y_3710	ppm	4.477	0.0422	0.9427	4.507	4.447
Li6707	670.784 { 5	Y_3710	ppm	0.0089	0.0004	4.526	0.0086	0.0092
Mg2790	279.079 {1	Y_3710	ppm	3.384	0.0838	2.476	3.325	3.444
Mn2576	257.610 {1	Y_3600	ppm	0.1129	0.0009	0.8001	0.1122	0.1135
Mn2576-2	257.610 {1	Y_3710	ppm	0.106	0.0005	0.5013	0.1063	0.1056
Mo2020	202.030 {4	Y_2243	ppm	0.0166	0.0002	0.9122	0.0167	0.0165
Na5895	589.592 { 5	Y_3710	ppm	184.7	5.756	3.116	180.6	188.8
Na8183	818.326 { 4	Y_3710	ppm	199.6	0.0036	0.0018	199.6	199.6
Ni2316	231.604 {4	In2306	ppm	0.0054	0.0003	6.384	0.0056	0.0052

P_1782	178.284 {4	In2306	ppm	0.483	0.0061	1.256	0.4873	0.4787
Pb2203	220.353 {4	In2306	ppm	0.0157	0.0006	4.069	0.0161	0.0152
S_1820	182.034 {4	Y_2243	ppm	-668400	9979	1.493	-675500	-661400
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0006	65.05	0.0005	0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0118	0.0003	2.317	0.012	0.0117
Si2516	251.611 {1	Y_3710	ppm	2.719	0.0086	0.3177	2.726	2.713
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	348.5	-0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.2048	0.0001	0.0545	0.2049	0.2047
Ti3349	334.904 {1	Y_3600	ppm	0.0096	0.0002	2.094	0.0098	0.0095
Tl1908	190.856 {4	In2306	ppm	-0.0013	0.0012	94.95	-0.0021	-0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0076	0.0005	6.696	0.0072	0.008
Zn2062	206.200 {4	In2306	ppm	0.7063	0.0093	1.32	0.7129	0.6997

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.3	0.06155	0.14903	41.256	41.344
In2306	230.606 {4	Cts/S	8577	94.492	1.1017	8510.2	8643.8
Y_2243	224.306 {4	Cts/S	10764	125.69	1.1677	10675	10852
Y_3600	360.073 { 9	Cts/S	94991	693.1	0.72966	95481	94500
Y_3710	371.030 { 9	Cts/S	6548.1	5.0491	0.07711	6544.5	6551.7

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0	612.9	0	0
Al3082	308.215 {1	In2306	ppm	1.869	0.0014	0.0733	1.87	1.868
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0005	23.7	0.0016	0.0023
B_2496	249.678 {1	Y_3710	ppm	0.0262	0.0005	1.752	0.0265	0.0259
Ba4554	455.403 { 7	Y_3710	ppm	0.0435	0.0011	2.439	0.0428	0.0443
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	152.5	0	0.0002
Ca3158	315.887 {1	In2306	ppm	36.98	0.764	2.066	37.52	36.44
Ca3181	318.128 {1	In2306	ppm	36.82	0.983	2.67	37.51	36.12
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	63.91	0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0005	0.0001	28.87	0.0006	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0034	0.0005	15.42	0.003	0.0038
Cu3247	324.754 {1	Y_3600	ppm	0.0063	0.0001	1.742	0.0062	0.0064
Fe2404	240.488 {1	In2306	ppm	0.9966	0.0057	0.5676	1.001	0.9926
K_7664	766.490 { 4	Y_3710	ppm	3.517	0.0296	0.8421	3.496	3.538
K_7698	769.896 { 4	Y_3710	ppm	3.47	0.0693	1.997	3.421	3.519
Li6707	670.784 { 5	Y_3710	ppm	0.0032	0.0002	6.779	0.0031	0.0034
Mg2790	279.079 {1	Y_3710	ppm	2.037	0.0957	4.697	1.97	2.105
Mn2576	257.610 {1	Y_3600	ppm	0.0907	0.0002	0.2419	0.0906	0.0909
Mn2576-2	257.610 {1	Y_3710	ppm	0.09	0.0002	0.2763	0.0901	0.0898
Mo2020	202.030 {4	Y_2243	ppm	0.0192	0.0001	0.3177	0.0192	0.0193
Na5895	589.592 { 5	Y_3710	ppm	7.816	0.1011	1.293	7.745	7.887
Na8183	818.326 { 4	Y_3710	ppm	7.615	0.077	1.011	7.56	7.669

Ni2316	231.604 {4	In2306	ppm	0.0014	0.0001	6.945	0.0013	0.0014
P_1782	178.284 {4	In2306	ppm	0.1926	0.0028	1.46	0.1906	0.1946
Pb2203	220.353 {4	In2306	ppm	0.0028	0.0005	16.53	0.0031	0.0024
S_1820	182.034 {4	Y_2243	ppm	-89800	3072	3.421	-87630	-91970
Sb2068	206.833 {4	Y_2243	ppm	-0.0014	0.0008	57.35	-0.0009	-0.002
Se1960	196.090 {4	Y_2243	ppm	0.0019	0.0004	23.31	0.0016	0.0022
Si2516	251.611 {1	Y_3710	ppm	4.121	0.1606	3.898	4.007	4.234
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	4.846	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0916	0.0016	1.785	0.0904	0.0928
Ti3349	334.904 {1	Y_3600	ppm	0.0549	0.0004	0.7557	0.0552	0.0546
Tl1908	190.856 {4	In2306	ppm	-0.001	0	3.402	-0.001	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0063	0	0.2171	0.0062	0.0063
Zn2062	206.200 {4	In2306	ppm	0.2961	0.0047	1.57	0.2928	0.2994

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	38.547	1.1345	2.9433	37.744	39.349
In2306	230.606 {4	Cts/S	9505.4	72.91	0.76704	9557	9453.9
Y_2243	224.306 {4	Cts/S	11322	77.821	0.68735	11377	11267
Y_3600	360.073 { 9	Cts/S	103140	282.85	0.27425	103340	102940
Y_3710	371.030 { 9	Cts/S	6278.8	70.752	1.1268	6328.9	6228.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0002	55.98	0.0006	0.0003
Al3082	308.215 {1	In2306	ppm	0.1809	0.013	7.189	0.1717	0.19
As1890	189.042 {4	Y_2243	ppm	0.0115	0.0008	6.553	0.012	0.011
B_2496	249.678 {1	Y_3710	ppm	0.3331	0.0006	0.1754	0.3335	0.3327
Ba4554	455.403 { 7	Y_3710	ppm	0.1772	0.0007	0.3731	0.1777	0.1767
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	15.33	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	137.9	1.502	1.089	136.8	138.9
Ca3181	318.128 {1	In2306	ppm	137.8	1.515	1.1	136.7	138.9
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	30.4	0.0005	0.0003
Co2286	228.616 {4	In2306	ppm	0	0.0003	17870	-0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0089	0.0005	5.713	0.0085	0.0092
Cu3247	324.754 {1	Y_3600	ppm	0.0487	0.0026	5.297	0.0469	0.0505
Fe2404	240.488 {1	In2306	ppm	0.3948	0.0079	1.991	0.3892	0.4003
K_7664	766.490 { 4	Y_3710	ppm	23.67	0.1926	0.8137	23.81	23.53
K_7698	769.896 { 4	Y_3710	ppm	24.33	0.1512	0.6215	24.44	24.22
Li6707	670.784 { 5	Y_3710	ppm	0.027	0.0002	0.826	0.0271	0.0268
Mg2790	279.079 {1	Y_3710	ppm	14.96	0.0576	0.3848	15	14.92
Mn2576	257.610 {1	Y_3600	ppm	0.0282	0.0013	4.774	0.0272	0.0291
Mn2576-2	257.610 {1	Y_3710	ppm	0.0274	0.0002	0.8354	0.0276	0.0272
Mo2020	202.030 {4	Y_2243	ppm	0.0151	0.0002	1.123	0.0152	0.015
Na5895	589.592 { 5	Y_3710	ppm	482	8.54	1.772	488.1	476

Na8183	818.326 {	4	Y_3710	ppm	589.8	2.607	0.442	591.6	587.9
Ni2316	231.604 {	4	In2306	ppm	0.0121	0.0008	6.525	0.0126	0.0115
P_1782	178.284 {	4	In2306	ppm	2.435	0.0453	1.862	2.467	2.403
Pb2203	220.353 {	4	In2306	ppm	0.0001	0.0004	406.2	0.0004	-0.0002
S_1820	182.034 {	4	Y_2243	ppm	-2.32E+06	29510	1.273	-2.34E+06	-2.30E+06
Sb2068	206.833 {	4	Y_2243	ppm	-0.0003	0.0006	169.1	-0.0007	0.0001
Se1960	196.090 {	4	Y_2243	ppm	0.0011	0.001	88.29	0.0004	0.0018
Si2516	251.611 {	1	Y_3710	ppm	9.903	0.0713	0.7205	9.953	9.852
Sn1899	189.989 {	4	In2306	ppm	-0.0001	0.0002	159.5	-0.0003	0
Sr4215	421.552 {	8	Y_3710	ppm	0.9414	0.0043	0.4598	0.9444	0.9383
Ti3349	334.904 {	1	Y_3600	ppm	0.0024	0.0001	4.158	0.0024	0.0023
Tl1908	190.856 {	4	In2306	ppm	-0.0012	0.0009	73.29	-0.0006	-0.0019
V_2924	292.402 {	1	Y_3600	ppm	0.0051	0.0003	5.649	0.0049	0.0053
Zn2062	206.200 {	4	In2306	ppm	0.0684	0.0022	3.182	0.0669	0.07

[Internal Standards]

Elem	WL		Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {	1	Cts/S	39.229	0.15124	0.38554	39.336	39.122
In2306	230.606 {	4	Cts/S	7670	46.151	0.60171	7637.3	7702.6
Y_2243	224.306 {	4	Cts/S	10051	56.853	0.56565	10011	10091
Y_3600	360.073 {	9	Cts/S	86714	3621	4.1758	89274	84154
Y_3710	371.030 {	9	Cts/S	6404.8	30.372	0.4742	6383.4	6426.3

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Mode=CONC
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Repeats=2

[Results]

Elem	WL		ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {	1	Y_3600	ppm	0	0.0001	435.3	-0.0001	0.0001
Al3082	308.215 {	1	In2306	ppm	0.9042	0.0701	7.749	0.8547	0.9538
As1890	189.042 {	4	Y_2243	ppm	0.0055	0.0003	4.874	0.0057	0.0053
B_2496	249.678 {	1	Y_3710	ppm	0.0065	0.0049	75.49	0.0031	0.01
Ba4554	455.403 {	7	Y_3710	ppm	0.0445	0.0001	0.3198	0.0444	0.0446
Be3130	313.042 {	1	Y_3710	ppm	0.0004	0	3.905	0.0004	0.0004
Ca3158	315.887 {	1	In2306	ppm	38.44	0.779	2.026	37.89	38.99
Ca3181	318.128 {	1	In2306	ppm	37.97	0.7346	1.935	37.45	38.49
Cd2288	228.802 {	4	Y_2243	ppm	0.0003	0.0001	16.23	0.0003	0.0004
Co2286	228.616 {	4	In2306	ppm	0.0008	0	5.908	0.0008	0.0009
Cr2677	267.716 {	1	Y_3600	ppm	0.0041	0.0001	2.78	0.0042	0.0041
Cu3247	324.754 {	1	Y_3600	ppm	0.022	0.0005	2.215	0.0224	0.0217
Fe2404	240.488 {	1	In2306	ppm	1.264	0.0258	2.037	1.246	1.282
K_7664	766.490 {	4	Y_3710	ppm	1.504	0.0014	0.0924	1.503	1.505
K_7698	769.896 {	4	Y_3710	ppm	1.492	0.0325	2.177	1.515	1.469
Li6707	670.784 {	5	Y_3710	ppm	0.0013	0.0004	27.79	0.0016	0.0011
Mg2790	279.079 {	1	Y_3710	ppm	2.218	0.0495	2.233	2.183	2.253
Mn2576	257.610 {	1	Y_3600	ppm	0.1205	0.0027	2.228	0.1224	0.1186
Mn2576-2	257.610 {	1	Y_3710	ppm	0.1113	0.0004	0.3739	0.1116	0.111
Mo2020	202.030 {	4	Y_2243	ppm	0.007	0.0001	1.847	0.0069	0.0071

Na5895	589.592 { 5	Y_3710	ppm	3.603	0.0135	0.3745	3.593	3.612
Na8183	818.326 { 4	Y_3710	ppm	3.362	0.111	3.303	3.284	3.441
Ni2316	231.604 {4	In2306	ppm	0.0072	0.0001	0.7923	0.0072	0.0073
P_1782	178.284 {4	In2306	ppm	0.2319	0.0406	17.5	0.2032	0.2606
Pb2203	220.353 {4	In2306	ppm	0.0052	0.0003	5.63	0.0054	0.005
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	-29850	^ -----
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0005	43.07	0.0008	0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0006	120.5	0.0001	0.001
Si2516	251.611 {1	Y_3710	ppm	1.902	0.002	0.104	1.904	1.901
Sn1899	189.989 {4	In2306	ppm	0	0	87.17	0	0
Sr4215	421.552 { 8	Y_3710	ppm	0.0525	0.0002	0.338	0.0524	0.0527
Ti3349	334.904 {1	Y_3600	ppm	0.0118	0.0005	4.384	0.0122	0.0115
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0011	130.7	-0.0001	-0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0144	0.0001	0.4113	0.0143	0.0144
Zn2062	206.200 {4	In2306	ppm	0.3545	0.0014	0.4056	0.3555	0.3535

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.358	0.84871	2.1029	40.958	39.758
In2306	230.606 {4	Cts/S	9448	120.7	1.2775	9533.4	9362.7
Y_2243	224.306 {4	Cts/S	11259	70.673	0.62771	11309	11209
Y_3600	360.073 { 9	Cts/S	102170	1568.4	1.5352	101060	103270
Y_3710	371.030 { 9	Cts/S	6543.4	18.563	0.28369	6556.5	6530.3

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	30.99	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	1.084	0.0382	3.527	1.111	1.057
As1890	189.042 {4	Y_2243	ppm	0.0027	0.0005	19.89	0.0023	0.003
B_2496	249.678 {1	Y_3710	ppm	0.0247	0.0039	15.97	0.0219	0.0275
Ba4554	455.403 { 7	Y_3710	ppm	0.0203	0.0002	1.191	0.0205	0.0201
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	151.5	0.0001	0
Ca3158	315.887 {1	In2306	ppm	17.27	0.5076	2.938	17.63	16.92
Ca3181	318.128 {1	In2306	ppm	16.97	0.4411	2.598	17.29	16.66
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	26.25	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0005	0	7.039	0.0005	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0045	0.0002	5.017	0.0047	0.0044
Cu3247	324.754 {1	Y_3600	ppm	0.0148	0.0005	3.519	0.0152	0.0144
Fe2404	240.488 {1	In2306	ppm	1.023	0.0275	2.688	1.043	1.004
K_7664	766.490 { 4	Y_3710	ppm	7.877	0.1017	1.291	7.948	7.805
K_7698	769.896 { 4	Y_3710	ppm	7.722	0.0205	0.2656	7.736	7.707
Li6707	670.784 { 5	Y_3710	ppm	0.0018	0.0009	47.81	0.0024	0.0012
Mg2790	279.079 {1	Y_3710	ppm	2.07	0.0082	0.3945	2.076	2.064
Mn2576	257.610 {1	Y_3600	ppm	0.0605	0.0002	0.3097	0.0603	0.0606
Mn2576-2	257.610 {1	Y_3710	ppm	0.0584	0.0001	0.2095	0.0584	0.0585

Mo2020	202.030 {4	Y_2243	ppm	0.0043	0.0001	2.242	0.0043	0.0042
Na5895	589.592 { 5	Y_3710	ppm	3.259	0.0456	1.398	3.292	3.227
Na8183	818.326 { 4	Y_3710	ppm	2.825	0.0104	0.368	2.818	2.832
Ni2316	231.604 {4	In2306	ppm	0.0044	0.0009	19.28	0.005	0.0038
P_1782	178.284 {4	In2306	ppm	0.9916	0.0108	1.092	0.9993	0.984
Pb2203	220.353 {4	In2306	ppm	0.0014	0.0003	24.92	0.0016	0.0011
S_1820	182.034 {4	Y_2243	ppm	-32710	123.9	0.3788	-32620	-32800
Sb2068	206.833 {4	Y_2243	ppm	0.0011	0.0014	123.2	0.0021	0.0001
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0006	64.1	0.0005	0.0014
Si2516	251.611 {1	Y_3710	ppm	4.961	0.0161	0.3247	4.972	4.949
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0002	115.6	0	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0374	0	0.0717	0.0374	0.0374
Ti3349	334.904 {1	Y_3600	ppm	0.035	0.0005	1.291	0.0347	0.0353
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0013	455.3	0.0006	-0.0012
V_2924	292.402 {1	Y_3600	ppm	0.012	0.0002	1.817	0.0119	0.0122
Zn2062	206.200 {4	In2306	ppm	0.1385	0.0016	1.159	0.1397	0.1374

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.844	1.4786	3.7109	38.799	40.89
In2306	230.606 {4	Cts/S	9580.2	64.034	0.6684	9534.9	9625.5
Y_2243	224.306 {4	Cts/S	11370	55.037	0.48407	11331	11409
Y_3600	360.073 { 9	Cts/S	103840	30.903	0.02976	103810	103860
Y_3710	371.030 { 9	Cts/S	6427.7	39.541	0.61516	6399.8	6455.7

[Sample Header]
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SampleName=CCV 766326
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Comment=
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Custom ID2=
Custom ID3=
Run Time=1/16/2012 9:15:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.252	0.0012	0.4574	0.2512	0.2529
Al3082	308.215 {1	In2306	ppm	2.531	0.0003	0.0125	2.531	2.531
As1890	189.042 {4	Y_2243	ppm	0.4979	0.0019	0.3724	0.4992	0.4966
B_2496	249.678 {1	Y_3710	ppm	0.4796	0.0128	2.66	0.4886	0.4705
Ba4554	455.403 { 7	Y_3710	ppm	0.4916	0.0033	0.6683	0.4939	0.4893
Be3130	313.042 {1	Y_3710	ppm	0.488	0.0002	0.049	0.4879	0.4882
Ca3158	315.887 {1	In2306	ppm	12.8	0.0523	0.4087	12.84	12.77
Ca3181	318.128 {1	In2306	ppm	12.74	0.0408	0.3205	12.77	12.71
Cd2288	228.802 {4	Y_2243	ppm	0.4953	0.0023	0.4687	0.4936	0.4969
Co2286	228.616 {4	In2306	ppm	0.5005	0.0024	0.4701	0.4988	0.5021
Cr2677	267.716 {1	Y_3600	ppm	0.4979	0.0015	0.3079	0.4968	0.499
Cu3247	324.754 {1	Y_3600	ppm	0.4947	0.0006	0.1279	0.4952	0.4943
Fe2404	240.488 {1	In2306	ppm	2.561	0.0242	0.9441	2.578	2.544
K_7664	766.490 { 4	Y_3710	ppm	12.45	0.1223	0.9818	12.54	12.37
K_7698	769.896 { 4	Y_3710	ppm	12.33	0.1068	0.8657	12.41	12.26
Li6707	670.784 { 5	Y_3710	ppm	0.4915	0.0052	1.061	0.4952	0.4878
Mg2790	279.079 {1	Y_3710	ppm	4.84	0.0237	0.4905	4.857	4.823
Mn2576	257.610 {1	Y_3600	ppm	0.5017	0.0009	0.1748	0.501	0.5023

Mn2576-2	257.610 {1	Y_3710	ppm	0.4739	0.0012	0.2446	0.4747	0.4731
Mo2020	202.030 {4	Y_2243	ppm	0.5045	0.0017	0.339	0.5033	0.5057
Na5895	589.592 { 5	Y_3710	ppm	12.41	0.1375	1.108	12.51	12.32
Na8183	818.326 { 4	Y_3710	ppm	12.24	0.0538	0.4397	12.27	12.2
Ni2316	231.604 {4	In2306	ppm	0.496	0.0012	0.2464	0.4951	0.4968
P_1782	178.284 {4	In2306	ppm	0.0017	0.0027	161.6	-0.0002	0.0036
Pb2203	220.353 {4	In2306	ppm	0.4956	0.0019	0.3889	0.4943	0.497
S_1820	182.034 {4	Y_2243	ppm	-5907	65.46	1.108	-5861	-5954
Sb2068	206.833 {4	Y_2243	ppm	0.4837	0.0016	0.3293	0.4848	0.4826
Se1960	196.090 {4	Y_2243	ppm	0.5068	0.0005	0.0973	0.5071	0.5064
Si2516	251.611 {1	Y_3710	ppm	0.8566	0.0107	1.248	0.849	0.8641
Sn1899	189.989 {4	In2306	ppm	0.5014	0.0014	0.2824	0.5004	0.5024
Sr4215	421.552 { 8	Y_3710	ppm	0.2491	0.0012	0.4967	0.25	0.2482
Ti3349	334.904 {1	Y_3600	ppm	0.5064	0.0014	0.2739	0.5054	0.5073
Tl1908	190.856 {4	In2306	ppm	0.5037	0.002	0.404	0.5022	0.5051
V_2924	292.402 {1	Y_3600	ppm	0.4997	0.0021	0.4266	0.4982	0.5013
Zn2062	206.200 {4	In2306	ppm	0.4967	0.002	0.404	0.4953	0.4981

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.59	0.21422	0.52776	40.438	40.741
In2306	230.606 {4	Cts/S	9446.6	54.188	0.57363	9484.9	9408.3
Y_2243	224.306 {4	Cts/S	11409	63.459	0.55623	11454	11364
Y_3600	360.073 { 9	Cts/S	102980	244.58	0.23751	103150	102800
Y_3710	371.030 { 9	Cts/S	6603.3	29.503	0.44679	6582.5	6624.2

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 9:17:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0004	8.164	0.0049	0.0055
Al3082	308.215 {1	In2306	ppm	0.1331	0.0578	43.43	0.0922	0.174
As1890	189.042 {4	Y_2243	ppm	0.016	0.0087	54.31	0.0098	0.0221
B_2496	249.678 {1	Y_3710	ppm	-0.0097	0.0098	101.6	-0.0027	-0.0166
Ba4554	455.403 { 7	Y_3710	ppm	0.0095	0.0004	4.604	0.0098	0.0092
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	3.789	0.0048	0.0046
Ca3158	315.887 {1	In2306	ppm	0.0944	0.0302	32.01	0.073	0.1157
Ca3181	318.128 {1	In2306	ppm	0.1765	0.024	13.6	0.1596	0.1935
Cd2288	228.802 {4	Y_2243	ppm	0.0118	0.0087	73.66	0.0057	0.018
Co2286	228.616 {4	In2306	ppm	0.017	0.0091	53.83	0.0105	0.0235
Cr2677	267.716 {1	Y_3600	ppm	0.0106	0.0002	1.802	0.0107	0.0104
Cu3247	324.754 {1	Y_3600	ppm	0.0105	0.0002	1.693	0.0106	0.0103
Fe2404	240.488 {1	In2306	ppm	0.0804	0.0151	18.72	0.0698	0.0911
K_7664	766.490 { 4	Y_3710	ppm	0.5861	0.0061	1.047	0.5905	0.5818
K_7698	769.896 { 4	Y_3710	ppm	0.604	0.0158	2.619	0.6152	0.5928
Li6707	670.784 { 5	Y_3710	ppm	0.0092	0	0.2827	0.0092	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.0671	0.0276	41.09	0.0866	0.0476

Mn2576	257.610 {1	Y_3600	ppm	0.0103	0	0.3944	0.0103	0.0104
Mn2576-2	257.610 {1	Y_3710	ppm	0.0124	0.0003	2.526	0.0122	0.0126
Mo2020	202.030 {4	Y_2243	ppm	0.0192	0.0105	54.71	0.0117	0.0266
Na5895	589.592 { 5	Y_3710	ppm	0.5895	0.0137	2.326	0.5992	0.5798
Na8183	818.326 { 4	Y_3710	ppm	0.5236	0.0751	14.35	0.4704	0.5767
Ni2316	231.604 {4	In2306	ppm	0.0169	0.0091	54	0.0104	0.0233
P_1782	178.284 {4	In2306	ppm	0.0094	0	0.5237	0.0093	0.0094
Pb2203	220.353 {4	In2306	ppm	0.0153	0.0069	45.05	0.0105	0.0202
S_1820	182.034 {4	Y_2243	ppm	-155	108.5	70.03	-78.22	-231.7
Sb2068	206.833 {4	Y_2243	ppm	0.0242	0.0088	36.21	0.018	0.0304
Se1960	196.090 {4	Y_2243	ppm	0.0157	0.0068	43.71	0.0108	0.0205
Si2516	251.611 {1	Y_3710	ppm	-0.0057	0.0322	568.1	-0.0285	0.0171
Sn1899	189.989 {4	In2306	ppm	0.0181	0.0097	53.62	0.0112	0.025
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0002	4.481	0.0049	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0.0002	1.918	0.0107	0.011
Tl1908	190.856 {4	In2306	ppm	0.0173	0.0097	56.38	0.0104	0.0242
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0001	0.9209	0.01	0.0101
Zn2062	206.200 {4	In2306	ppm	0.0166	0.0089	53.59	0.0103	0.0229

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.821	2.1902	5.237	43.37	40.273
In2306	230.606 {4	Cts/S	9898.3	211.95	2.1413	10048	9748.4
Y_2243	224.306 {4	Cts/S	11560	242.47	2.0974	11732	11389
Y_3600	360.073 { 9	Cts/S	106110	320.03	0.30162	106330	105880
Y_3710	371.030 { 9	Cts/S	6674.3	143.21	2.1457	6573	6775.5

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Custom ID1=
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0002	82.02	0.0004	0.0001
Al3082	308.215 {1	In2306	ppm	0.0217	0.0096	44.35	0.0149	0.0285
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0012	97.03	0.0021	0.0004
B_2496	249.678 {1	Y_3710	ppm	-0.0065	0.013	199.5	0.0027	-0.0157
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0003	234.1	-0.0003	0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0	502.7	0	0
Ca3158	315.887 {1	In2306	ppm	0.0106	0.0062	58.64	0.0062	0.015
Ca3181	318.128 {1	In2306	ppm	0.1179	0.1263	107.1	0.2072	0.0286
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	48.72	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	345.2	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0002	151.3	-0.0002	0
Cu3247	324.754 {1	Y_3600	ppm	0.0002	0.0005	234.6	0.0005	-0.0001
Fe2404	240.488 {1	In2306	ppm	-0.0283	0.0042	14.65	-0.0313	-0.0254
K_7664	766.490 { 4	Y_3710	ppm	0.0179	0.0138	76.9	0.0082	0.0276
K_7698	769.896 { 4	Y_3710	ppm	0.0678	0.0473	69.75	0.1013	0.0344
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0004	133.1	0.0006	0

Mg2790	279.079	{1	Y_3710	ppm	0.0113	0.035	308.9	-0.0134	0.0361
Mn2576	257.610	{1	Y_3600	ppm	0	0	666.9	0	0
Mn2576-2	257.610	{1	Y_3710	ppm	0.0041	0.0028	68.3	0.0061	0.0021
Mo2020	202.030	{4	Y_2243	ppm	0.0003	0.0002	73.37	0.0001	0.0005
Na5895	589.592	{ 5	Y_3710	ppm	0.0196	0.0003	1.574	0.0198	0.0194
Na8183	818.326	{ 4	Y_3710	ppm	-0.196	0.0526	26.82	-0.2332	-0.1588
Ni2316	231.604	{4	In2306	ppm	0.0001	0.0002	362.5	-0.0001	0.0002
P_1782	178.284	{4	In2306	ppm	0	0.0004	1254	0.0002	-0.0003
Pb2203	220.353	{4	In2306	ppm	-0.0004	0.0001	27.31	-0.0003	-0.0005
S_1820	182.034	{4	Y_2243	ppm	-69.95	8.462	12.1	-75.93	-63.96
Sb2068	206.833	{4	Y_2243	ppm	0.0025	0.0007	26.91	0.002	0.003
Se1960	196.090	{4	Y_2243	ppm	0.0001	0.0007	441	-0.0003	0.0006
Si2516	251.611	{1	Y_3710	ppm	-0.0158	0.0061	38.93	-0.0114	-0.0201
Sn1899	189.989	{4	In2306	ppm	-0.0003	0.0004	128.2	-0.0006	0
Sr4215	421.552	{ 8	Y_3710	ppm	0	0.0001	184.6	0	-0.0001
Ti3349	334.904	{1	Y_3600	ppm	0.0007	0.0003	44.81	0.0009	0.0005
Tl1908	190.856	{4	In2306	ppm	-0.0006	0.0005	80.33	-0.0009	-0.0002
V_2924	292.402	{1	Y_3600	ppm	0	0	1054	0	0
Zn2062	206.200	{4	In2306	ppm	0	0	873.5	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	39.722	0.0528	0.13293	39.685	39.76
In2306	230.606	{4	Cts/S	10109	7.1499	0.07073	10104	10114
Y_2243	224.306	{4	Cts/S	11664	0.03182	0.00027	11664	11664
Y_3600	360.073	{ 9	Cts/S	106110	201.54	0.18994	106250	105960
Y_3710	371.030	{ 9	Cts/S	6553.2	71.483	1.0908	6603.8	6502.7

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Custom ID3=
Run Time=1/16/2012 9:22:55
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0002	488.2	0.0002	-0.0001
Al3082	308.215	{1	In2306	ppm	0.7128	0.0555	7.785	0.752	0.6735
As1890	189.042	{4	Y_2243	ppm	0.0051	0.0003	6.371	0.0053	0.0048
B_2496	249.678	{1	Y_3710	ppm	0.0401	0.006	14.97	0.0359	0.0444
Ba4554	455.403	{ 7	Y_3710	ppm	0.0286	0.0002	0.6202	0.0285	0.0287
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0001	49.95	0.0002	0.0001
Ca3158	315.887	{1	In2306	ppm	31.26	0.3432	1.098	31.01	31.5
Ca3181	318.128	{1	In2306	ppm	31.05	0.3838	1.236	30.78	31.33
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0.0001	35.3	0.0001	0.0002
Co2286	228.616	{4	In2306	ppm	0	0.0001	667.2	-0.0001	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0033	0.0006	19.2	0.0028	0.0037
Cu3247	324.754	{1	Y_3600	ppm	0.0096	0.001	10.28	0.0089	0.0103
Fe2404	240.488	{1	In2306	ppm	0.3706	0.0091	2.461	0.3771	0.3642
K_7664	766.490	{ 4	Y_3710	ppm	2.316	0.0387	1.672	2.344	2.289
K_7698	769.896	{ 4	Y_3710	ppm	2.313	0.0244	1.056	2.331	2.296

Li6707	670.784 { 5	Y_3710	ppm	0.0025	0.0004	17.88	0.0028	0.0022
Mg2790	279.079 {1	Y_3710	ppm	2.92	0.1662	5.693	3.037	2.802
Mn2576	257.610 {1	Y_3600	ppm	0.025	0.002	7.91	0.0236	0.0264
Mn2576-2	257.610 {1	Y_3710	ppm	0.0257	0.0032	12.53	0.0279	0.0234
Mo2020	202.030 {4	Y_2243	ppm	0.0051	0	0.112	0.0051	0.0051
Na5895	589.592 { 5	Y_3710	ppm	11.04	0.1974	1.787	11.18	10.91
Na8183	818.326 { 4	Y_3710	ppm	10.44	0.2114	2.024	10.59	10.29
Ni2316	231.604 {4	In2306	ppm	0.0022	0.0001	4.196	0.0021	0.0023
P_1782	178.284 {4	In2306	ppm	0.3942	0.0109	2.769	0.4019	0.3865
Pb2203	220.353 {4	In2306	ppm	0.0021	0	1.877	0.002	0.0021
S_1820	182.034 {4	Y_2243	ppm	-56050	1379	2.46	-57020	-55070
Sb2068	206.833 {4	Y_2243	ppm	0.0093	0.0014	14.94	0.0083	0.0102
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0005	110.2	0.0001	0.0008
Si2516	251.611 {1	Y_3710	ppm	3.344	0.0131	0.3924	3.354	3.335
Sn1899	189.989 {4	In2306	ppm	0	0.0001	208.5	0.0001	0
Sr4215	421.552 { 8	Y_3710	ppm	0.0954	0.0001	0.0551	0.0954	0.0955
Ti3349	334.904 {1	Y_3600	ppm	0.0271	0.0018	6.634	0.0258	0.0284
Tl1908	190.856 {4	In2306	ppm	-0.0012	0.0008	70.09	-0.0018	-0.0006
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.001	10.66	0.0089	0.0104
Zn2062	206.200 {4	In2306	ppm	0.0947	0.0024	2.539	0.0964	0.093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.726	0.06643	0.16721	39.679	39.773
In2306	230.606 {4	Cts/S	9534.5	38.296	0.40165	9507.4	9561.6
Y_2243	224.306 {4	Cts/S	11291	60.568	0.53644	11248	11334
Y_3600	360.073 { 9	Cts/S	100470	6192.2	6.1634	104850	96089
Y_3710	371.030 { 9	Cts/S	6452.8	36.349	0.5633	6427.1	6478.5

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SampleName=600-48575-A-6-B
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 9:25:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0006	109.3	0.001	0.0001
Al3082	308.215 {1	In2306	ppm	0.6969	0.0685	9.835	0.7454	0.6484
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0001	4.561	0.0016	0.0017
B_2496	249.678 {1	Y_3710	ppm	0.0149	0.0029	19.21	0.0169	0.0128
Ba4554	455.403 { 7	Y_3710	ppm	0.0153	0.001	6.674	0.016	0.0146
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	2605	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	10.83	0.0474	0.4382	10.86	10.79
Ca3181	318.128 {1	In2306	ppm	10.69	0.177	1.655	10.82	10.57
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	19.36	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0002	183.2	0.0002	0
Cr2677	267.716 {1	Y_3600	ppm	0.0038	0.0005	12.73	0.0035	0.0042
Cu3247	324.754 {1	Y_3600	ppm	0.0055	0.0001	1.829	0.0055	0.0054
Fe2404	240.488 {1	In2306	ppm	0.4244	0.0427	10.05	0.4546	0.3943
K_7664	766.490 { 4	Y_3710	ppm	1.538	0.0511	3.322	1.574	1.502

K_7698	769.896 { 4	Y_3710	ppm	1.583	0.1141	7.209	1.664	1.502
Li6707	670.784 { 5	Y_3710	ppm	0.0012	0.0002	14.69	0.0013	0.0011
Mg2790	279.079 {1	Y_3710	ppm	1.066	0.0303	2.845	1.087	1.044
Mn2576	257.610 {1	Y_3600	ppm	0.0329	0	0.0611	0.0329	0.0329
Mn2576-2	257.610 {1	Y_3710	ppm	0.0331	0.008	24.01	0.0388	0.0275
Mo2020	202.030 {4	Y_2243	ppm	0.0017	0.0001	3.736	0.0018	0.0017
Na5895	589.592 { 5	Y_3710	ppm	3.318	0.171	5.153	3.439	3.197
Na8183	818.326 { 4	Y_3710	ppm	2.992	0.0981	3.277	3.061	2.922
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0002	12.72	0.0013	0.0011
P_1782	178.284 {4	In2306	ppm	0.1035	0.0048	4.602	0.1002	0.1069
Pb2203	220.353 {4	In2306	ppm	0.0019	0.0006	30.59	0.0023	0.0015
S_1820	182.034 {4	Y_2243	ppm	-12340	477.4	3.869	-12000	-12680
Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.001	55.31	0.0026	0.0011
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0011	88.35	0.0021	0.0005
Si2516	251.611 {1	Y_3710	ppm	2.185	0.0674	3.084	2.232	2.137
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0004	171.7	0.0001	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0229	0.0012	5.075	0.0237	0.0221
Ti3349	334.904 {1	Y_3600	ppm	0.028	0.0011	4.059	0.0272	0.0288
Tl1908	190.856 {4	In2306	ppm	-0.0011	0.0018	165.7	0.0002	-0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0069	0.0006	8.437	0.0065	0.0073
Zn2062	206.200 {4	In2306	ppm	0.0692	0.0012	1.747	0.0701	0.0684

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.383	0.50447	1.2492	40.026	40.739
In2306	230.606 {4	Cts/S	9737.8	91.66	0.94128	9673	9802.7
Y_2243	224.306 {4	Cts/S	11455	115.38	1.0073	11373	11536
Y_3600	360.073 { 9	Cts/S	103710	36.422	0.03512	103680	103730
Y_3710	371.030 { 9	Cts/S	6571.5	205.55	3.1279	6426.1	6716.8

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 9:28:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0003	283.3	0.0001	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0494	0.0519	104.9	0.0861	0.0128
As1890	189.042 {4	Y_2243	ppm	0.0073	0.0006	7.675	0.0077	0.0069
B_2496	249.678 {1	Y_3710	ppm	0.4207	0.014	3.329	0.4306	0.4108
Ba4554	455.403 { 7	Y_3710	ppm	0.1696	0.001	0.5951	0.1703	0.1688
Be3130	313.042 {1	Y_3710	ppm	0	0	460.8	0	0
Ca3158	315.887 {1	In2306	ppm	95.69	0.9791	1.023	96.38	95
Ca3181	318.128 {1	In2306	ppm	95.27	0.7583	0.796	95.8	94.73
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	37.29	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	22.11	0.0004	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0025	0.0001	2.303	0.0025	0.0026
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0001	0.9879	0.0086	0.0085
Fe2404	240.488 {1	In2306	ppm	0.172	0.0192	11.14	0.1856	0.1585

K_7664	766.490 { 4	Y_3710	ppm	18	0.0081	0.045	18.01	18
K_7698	769.896 { 4	Y_3710	ppm	18.65	0.0229	0.1227	18.67	18.64
Li6707	670.784 { 5	Y_3710	ppm	0.0282	0.0001	0.4442	0.0282	0.0283
Mg2790	279.079 {1	Y_3710	ppm	40.3	0.101	0.2507	40.37	40.23
Mn2576	257.610 {1	Y_3600	ppm	0.0486	0.0001	0.1837	0.0485	0.0486
Mn2576-2	257.610 {1	Y_3710	ppm	0.0491	0.0009	1.76	0.0485	0.0497
Mo2020	202.030 {4	Y_2243	ppm	0.0359	0.0002	0.6461	0.036	0.0357
Na5895	589.592 { 5	Y_3710	ppm	741.9	19.49	2.628	755.7	728.1
Na8183	818.326 { 4	Y_3710	ppm	1004	0.9072	0.0904	1003	1004
Ni2316	231.604 {4	In2306	ppm	0.0029	0.0002	6.581	0.0027	0.003
P_1782	178.284 {4	In2306	ppm	0.4322	0.0012	0.2802	0.4331	0.4313
Pb2203	220.353 {4	In2306	ppm	-0.0022	0.0001	6.085	-0.0021	-0.0023
S_1820	182.034 {4	Y_2243	ppm	-1.09E+06	2016	0.1848	-1.09E+06	-1.09E+06
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0003	11.91	0.0026	0.0031
Se1960	196.090 {4	Y_2243	ppm	0.0709	0.0012	1.72	0.0717	0.07
Si2516	251.611 {1	Y_3710	ppm	9.498	0.0777	0.8183	9.553	9.443
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0003	300.7	0.0001	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.6464	0.0004	0.0665	0.6461	0.6467
Ti3349	334.904 {1	Y_3600	ppm	0.0039	0.0006	15.54	0.0044	0.0035
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0006	175.9	0.0001	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0153	0.0003	2.039	0.0155	0.0151
Zn2062	206.200 {4	In2306	ppm	0.0786	0.0001	0.1008	0.0785	0.0787

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.078	0.53873	1.3442	39.697	40.459
In2306	230.606 {4	Cts/S	7530.7	23.703	0.31475	7514	7547.5
Y_2243	224.306 {4	Cts/S	9985.4	27.161	0.27201	9966.2	10005
Y_3600	360.073 { 9	Cts/S	85636	191.85	0.22403	85771	85500
Y_3710	371.030 { 9	Cts/S	6384.3	13.137	0.20576	6375.1	6393.6

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0003	2145	0.0003	-0.0002
Al3082	308.215 {1	In2306	ppm	0.1118	0.0754	67.42	0.1651	0.0585
As1890	189.042 {4	Y_2243	ppm	0.0051	0.001	18.63	0.0044	0.0058
B_2496	249.678 {1	Y_3710	ppm	0.4209	0.005	1.197	0.4173	0.4245
Ba4554	455.403 { 7	Y_3710	ppm	0.1662	0.0005	0.2849	0.1659	0.1665
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	740	0.0001	0
Ca3158	315.887 {1	In2306	ppm	98.7	1.543	1.563	99.79	97.61
Ca3181	318.128 {1	In2306	ppm	98.08	1.464	1.493	99.12	97.05
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	25.07	0.0002	0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0.0002	54.17	0.0002	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0023	0.0002	7.142	0.0024	0.0022
Cu3247	324.754 {1	Y_3600	ppm	0.0072	0.0001	0.8227	0.0072	0.0072

Fe2404	240.488 {1	In2306	ppm	0.1852	0.0029	1.541	0.1831	0.1872
K_7664	766.490 { 4	Y_3710	ppm	17.71	0.1288	0.7276	17.62	17.8
K_7698	769.896 { 4	Y_3710	ppm	18.31	0.2372	1.295	18.14	18.48
Li6707	670.784 { 5	Y_3710	ppm	0.0281	0.0003	1.052	0.0278	0.0283
Mg2790	279.079 {1	Y_3710	ppm	39.84	0.3883	0.9746	40.12	39.57
Mn2576	257.610 {1	Y_3600	ppm	0.0476	0.0011	2.355	0.0484	0.0468
Mn2576-2	257.610 {1	Y_3710	ppm	0.0455	0.0004	0.8193	0.0453	0.0458
Mo2020	202.030 {4	Y_2243	ppm	0.0366	0.0001	0.4051	0.0365	0.0367
Na5895	589.592 { 5	Y_3710	ppm	728.4	7.558	1.038	733.7	723
Na8183	818.326 { 4	Y_3710	ppm	988.3	3.114	0.3151	986.1	990.5
Ni2316	231.604 {4	In2306	ppm	0.0031	0	0.1339	0.0031	0.0031
P_1782	178.284 {4	In2306	ppm	0.4416	0.0006	0.1396	0.442	0.4411
Pb2203	220.353 {4	In2306	ppm	-0.0012	0.0005	39.19	-0.0009	-0.0016
S_1820	182.034 {4	Y_2243	ppm	-1.11E+06	549.9	0.0495	-1.11E+06	-1.11E+06
Sb2068	206.833 {4	Y_2243	ppm	0.0027	0.0021	80.13	0.0012	0.0042
Se1960	196.090 {4	Y_2243	ppm	0.0718	0.0002	0.2949	0.0716	0.0719
Si2516	251.611 {1	Y_3710	ppm	9.348	0.0317	0.3396	9.37	9.325
Sn1899	189.989 {4	In2306	ppm	0.0001	0	49.19	0	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.6369	0.0002	0.0359	0.6367	0.6371
Ti3349	334.904 {1	Y_3600	ppm	0.0033	0.0006	16.85	0.0037	0.0029
Tl1908	190.856 {4	In2306	ppm	-0.0014	0.0006	45.13	-0.001	-0.0019
V_2924	292.402 {1	Y_3600	ppm	0.0149	0.0005	3.374	0.0153	0.0146
Zn2062	206.200 {4	In2306	ppm	0.0774	0	0.0192	0.0774	0.0774

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	38.855	0.55858	1.4376	38.46	39.25
In2306	230.606 {4	Cts/S	7389.4	14.694	0.19885	7379	7399.8
Y_2243	224.306 {4	Cts/S	9774.8	15.333	0.15687	9763.9	9785.6
Y_3600	360.073 { 9	Cts/S	86023	1231.8	1.4319	85152	86894
Y_3710	371.030 { 9	Cts/S	6449.6	5.5718	0.08639	6453.5	6445.6

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Custom ID3=
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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5902	0.0143	2.431	0.58	0.6003
Al3082	308.215 {1	In2306	ppm	10.76	0.0065	0.0604	10.76	10.77
As1890	189.042 {4	Y_2243	ppm	1.099	0.0052	0.4756	1.095	1.103
B_2496	249.678 {1	Y_3710	ppm	1.409	0.0055	0.3923	1.413	1.405
Ba4554	455.403 { 7	Y_3710	ppm	1.18	0.0022	0.1875	1.179	1.182
Be3130	313.042 {1	Y_3710	ppm	0.4834	0.0006	0.1301	0.4838	0.4829
Ca3158	315.887 {1	In2306	ppm	105.9	1.137	1.073	106.7	105.1
Ca3181	318.128 {1	In2306	ppm	105.4	0.7275	0.6902	105.9	104.9
Cd2288	228.802 {4	Y_2243	ppm	0.5298	0.0022	0.424	0.5282	0.5314
Co2286	228.616 {4	In2306	ppm	1.034	0.003	0.2943	1.032	1.037
Cr2677	267.716 {1	Y_3600	ppm	0.9996	0.0294	2.944	0.9788	1.02

Cu3247	324.754 {1	Y_3600	ppm	1.084	0.0365	3.364	1.059	1.11
Fe2404	240.488 {1	In2306	ppm	10.66	0.0551	0.5164	10.7	10.62
K_7664	766.490 { 4	Y_3710	ppm	28.58	0.4512	1.579	28.26	28.9
K_7698	769.896 { 4	Y_3710	ppm	29.58	0.3646	1.233	29.32	29.83
Li6707	670.784 { 5	Y_3710	ppm	0.5339	0.0107	2.008	0.5263	0.5415
Mg2790	279.079 {1	Y_3710	ppm	48.81	0.181	0.3708	48.94	48.69
Mn2576	257.610 {1	Y_3600	ppm	1.045	0.0291	2.781	1.025	1.066
Mn2576-2	257.610 {1	Y_3710	ppm	1.013	0.012	1.187	1.021	1.004
Mo2020	202.030 {4	Y_2243	ppm	1.016	0.0045	0.4396	1.012	1.019
Na5895	589.592 { 5	Y_3710	ppm	746.1	10.74	1.44	738.5	753.7
Na8183	818.326 { 4	Y_3710	ppm	999.6	6.783	0.6786	994.8	1004
Ni2316	231.604 {4	In2306	ppm	1.02	0.0035	0.3434	1.022	1.017
P_1782	178.284 {4	In2306	ppm	0.4507	0.0039	0.8708	0.4479	0.4534
Pb2203	220.353 {4	In2306	ppm	0.9909	0.0037	0.3731	0.9883	0.9935
S_1820	182.034 {4	Y_2243	ppm	-1.07E+06	8021	0.7478	-1.07E+06	-1.08E+06
Sb2068	206.833 {4	Y_2243	ppm	1.034	0.0001	0.0137	1.034	1.033
Se1960	196.090 {4	Y_2243	ppm	1.185	0.0026	0.2199	1.183	1.187
Si2516	251.611 {1	Y_3710	ppm	10.26	0.0644	0.6282	10.3	10.21
Sn1899	189.989 {4	In2306	ppm	1.047	0.0037	0.3495	1.045	1.05
Sr4215	421.552 { 8	Y_3710	ppm	1.137	0.0015	0.1286	1.136	1.138
Ti3349	334.904 {1	Y_3600	ppm	1.038	0.0327	3.148	1.015	1.062
Tl1908	190.856 {4	In2306	ppm	0.9419	0.0034	0.3574	0.9443	0.9395
V_2924	292.402 {1	Y_3600	ppm	1.048	0.0354	3.383	1.023	1.073
Zn2062	206.200 {4	In2306	ppm	1.15	0.0026	0.2299	1.148	1.151

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	38.988	0.2068	0.53042	39.134	38.842
In2306	230.606 {4	Cts/S	7385.2	53.114	0.71919	7422.7	7347.6
Y_2243	224.306 {4	Cts/S	9911.1	82.756	0.83498	9969.6	9852.5
Y_3600	360.073 { 9	Cts/S	85873	2124.3	2.4737	87375	84371
Y_3710	371.030 { 9	Cts/S	6421.3	23.851	0.37143	6438.2	6404.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.584	0.0082	1.399	0.5782	0.5897
Al3082	308.215 {1	In2306	ppm	9.293	0.0463	0.4982	9.326	9.26
As1890	189.042 {4	Y_2243	ppm	1.1	0.0088	0.8002	1.094	1.107
B_2496	249.678 {1	Y_3710	ppm	1.312	0.0564	4.302	1.352	1.272
Ba4554	455.403 { 7	Y_3710	ppm	1.099	0.0247	2.248	1.116	1.081
Be3130	313.042 {1	Y_3710	ppm	0.4493	0.0119	2.644	0.4577	0.4409
Ca3158	315.887 {1	In2306	ppm	95.09	0.8965	0.9428	95.73	94.46
Ca3181	318.128 {1	In2306	ppm	94.45	1.093	1.157	95.23	93.68
Cd2288	228.802 {4	Y_2243	ppm	0.5369	0.0029	0.5318	0.5349	0.5389
Co2286	228.616 {4	In2306	ppm	1.048	0.0087	0.8338	1.041	1.054

Cr2677	267.716 {1	Y_3600	ppm	0.981	0.0162	1.655	0.9695	0.9924
Cu3247	324.754 {1	Y_3600	ppm	1.058	0.0186	1.758	1.045	1.071
Fe2404	240.488 {1	In2306	ppm	9.389	0.0746	0.795	9.442	9.336
K_7664	766.490 { 4	Y_3710	ppm	26.37	0.5209	1.975	26.74	26
K_7698	769.896 { 4	Y_3710	ppm	27.34	0.6563	2.401	27.8	26.87
Li6707	670.784 { 5	Y_3710	ppm	0.4854	0.0088	1.815	0.4916	0.4791
Mg2790	279.079 {1	Y_3710	ppm	46.57	1.398	3.002	47.56	45.59
Mn2576	257.610 {1	Y_3600	ppm	1.033	0.0133	1.285	1.023	1.042
Mn2576-2	257.610 {1	Y_3710	ppm	0.9541	0.0316	3.317	0.9764	0.9317
Mo2020	202.030 {4	Y_2243	ppm	1.029	0.0043	0.4224	1.026	1.032
Na5895	589.592 { 5	Y_3710	ppm	721.2	22.52	3.122	737.1	705.3
Na8183	818.326 { 4	Y_3710	ppm	937.8	20.6	2.197	952.4	923.2
Ni2316	231.604 {4	In2306	ppm	1.038	0.0091	0.8732	1.032	1.045
P_1782	178.284 {4	In2306	ppm	0.4829	0.0035	0.7333	0.4804	0.4854
Pb2203	220.353 {4	In2306	ppm	1.005	0.0096	0.9568	0.998	1.012
S_1820	182.034 {4	Y_2243	ppm	-1.10E+06	5509	0.5032	-1.09E+06	-1.10E+06
Sb2068	206.833 {4	Y_2243	ppm	1.053	0.0004	0.0365	1.052	1.053
Se1960	196.090 {4	Y_2243	ppm	1.195	0.008	0.6701	1.189	1.2
Si2516	251.611 {1	Y_3710	ppm	9.68	0.2205	2.278	9.836	9.524
Sn1899	189.989 {4	In2306	ppm	1.057	0.0085	0.806	1.051	1.063
Sr4215	421.552 { 8	Y_3710	ppm	1.064	0.0252	2.365	1.082	1.046
Ti3349	334.904 {1	Y_3600	ppm	1.019	0.0148	1.454	1.009	1.03
Tl1908	190.856 {4	In2306	ppm	0.9543	0.005	0.5221	0.9508	0.9578
V_2924	292.402 {1	Y_3600	ppm	1.021	0.0193	1.895	1.007	1.034
Zn2062	206.200 {4	In2306	ppm	1.168	0.0112	0.9619	1.16	1.176

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	43.804	0.08518	0.19447	43.864	43.744
In2306	230.606 {4	Cts/S	7292	47.939	0.65742	7325.9	7258.1
Y_2243	224.306 {4	Cts/S	9790.1	41.979	0.4288	9819.7	9760.4
Y_3600	360.073 { 9	Cts/S	86455	1015.6	1.1747	87173	85737
Y_3710	371.030 { 9	Cts/S	6739.9	126.92	1.8832	6650.2	6829.7

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Custom ID2=
Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5501	0	0.0044	0.5501	0.5501
Al3082	308.215 {1	In2306	ppm	10.43	0.0262	0.2515	10.41	10.45
As1890	189.042 {4	Y_2243	ppm	1.056	0.0008	0.0746	1.056	1.057
B_2496	249.678 {1	Y_3710	ppm	1.379	0.0135	0.9759	1.369	1.388
Ba4554	455.403 { 7	Y_3710	ppm	1.139	0.006	0.528	1.135	1.144
Be3130	313.042 {1	Y_3710	ppm	0.4658	0.0021	0.4479	0.4673	0.4643
Ca3158	315.887 {1	In2306	ppm	108.3	0.5145	0.4752	108.6	107.9
Ca3181	318.128 {1	In2306	ppm	108.1	0.477	0.4414	108.4	107.7
Cd2288	228.802 {4	Y_2243	ppm	0.5181	0.0007	0.1299	0.5185	0.5176

Co2286	228.616 {4	In2306	ppm	1.002	0.0052	0.5235	1.005	0.9979
Cr2677	267.716 {1	Y_3600	ppm	0.9645	0.0059	0.6092	0.9687	0.9604
Cu3247	324.754 {1	Y_3600	ppm	1.025	0.0027	0.2679	1.027	1.023
Fe2404	240.488 {1	In2306	ppm	10.29	0.0115	0.1115	10.29	10.28
K_7664	766.490 { 4	Y_3710	ppm	27.6	0.2036	0.7377	27.45	27.74
K_7698	769.896 { 4	Y_3710	ppm	28.76	0.2143	0.7451	28.61	28.91
Li6707	670.784 { 5	Y_3710	ppm	0.9689	0.0141	1.453	0.9589	0.9788
Mg2790	279.079 {1	Y_3710	ppm	50.02	0.2666	0.5331	50.21	49.83
Mn2576	257.610 {1	Y_3600	ppm	1.007	0.0041	0.4063	1.01	1.004
Mn2576-2	257.610 {1	Y_3710	ppm	1.003	0.0122	1.22	1.012	0.9944
Mo2020	202.030 {4	Y_2243	ppm	0.9782	0.0017	0.1785	0.9795	0.977
Na5895	589.592 { 5	Y_3710	ppm	759.2	4.216	0.5554	762.2	756.2
Na8183	818.326 { 4	Y_3710	ppm	994	5.288	0.5321	990.2	997.7
Ni2316	231.604 {4	In2306	ppm	0.9947	0.0116	1.171	1.003	0.9865
P_1782	178.284 {4	In2306	ppm	1.62	0.0207	1.276	1.635	1.606
Pb2203	220.353 {4	In2306	ppm	0.9672	0.0089	0.9209	0.9735	0.9609
S_1820	182.034 {4	Y_2243	ppm	-1.08E+06	3938	0.3635	-1.09E+06	-1.08E+06
Sb2068	206.833 {4	Y_2243	ppm	1.034	0.0075	0.7285	1.039	1.028
Se1960	196.090 {4	Y_2243	ppm	1.129	0.0097	0.8567	1.136	1.122
Si2516	251.611 {1	Y_3710	ppm	10.5	0.054	0.5141	10.46	10.54
Sn1899	189.989 {4	In2306	ppm	1.002	0.0078	0.7775	1.007	0.9965
Sr4215	421.552 { 8	Y_3710	ppm	1.115	0.005	0.452	1.111	1.118
Ti3349	334.904 {1	Y_3600	ppm	0.9832	0.0046	0.471	0.9865	0.98
Tl1908	190.856 {4	In2306	ppm	0.9144	0.0026	0.2808	0.9125	0.9162
V_2924	292.402 {1	Y_3600	ppm	0.9942	0.0082	0.8262	1	0.9884
Zn2062	206.200 {4	In2306	ppm	1.132	0.0093	0.8223	1.139	1.126

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	38.713	0.066	0.17048	38.667	38.76
In2306	230.606 {4	Cts/S	7337.7	11.501	0.15674	7345.8	7329.6
Y_2243	224.306 {4	Cts/S	9873.9	23.677	0.23979	9890.7	9857.2
Y_3600	360.073 { 9	Cts/S	87109	144.1	0.16543	87007	87210
Y_3710	371.030 { 9	Cts/S	6350.5	15.032	0.23671	6339.9	6361.1

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 9:41:05
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0004	272	0.0004	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0158	0.0078	49.11	0.0213	0.0103
As1890	189.042 {4	Y_2243	ppm	0.0042	0.0029	69.75	0.0021	0.0062
B_2496	249.678 {1	Y_3710	ppm	0.0821	0.0048	5.796	0.0855	0.0787
Ba4554	455.403 { 7	Y_3710	ppm	0.0337	0.0009	2.736	0.033	0.0343
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	47.27	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	19.75	0.4947	2.505	19.4	20.1
Ca3181	318.128 {1	In2306	ppm	19.56	0.3795	1.94	19.29	19.83

Cd2288	228.802 {4	Y_2243	ppm	0.0012	0.0015	125	0.0001	0.0022
Co2286	228.616 {4	In2306	ppm	0.0024	0.0033	133.2	0.0001	0.0047
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0	1.358	0.0004	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0021	0.0001	3.956	0.0022	0.002
Fe2404	240.488 {1	In2306	ppm	0.0401	0.0004	0.9399	0.0403	0.0398
K_7664	766.490 { 4	Y_3710	ppm	3.565	0.0595	1.669	3.523	3.607
K_7698	769.896 { 4	Y_3710	ppm	3.716	0.0121	0.3257	3.707	3.724
Li6707	670.784 { 5	Y_3710	ppm	0.0062	0.0004	6.906	0.0059	0.0065
Mg2790	279.079 {1	Y_3710	ppm	8.029	0.026	0.3241	8.011	8.048
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	0.6492	0.01	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0135	0.0044	32.52	0.0166	0.0104
Mo2020	202.030 {4	Y_2243	ppm	0.0126	0.0044	34.5	0.0095	0.0157
Na5895	589.592 { 5	Y_3710	ppm	177.6	7.715	4.344	183.1	172.1
Na8183	818.326 { 4	Y_3710	ppm	197.4	3.127	1.584	195.2	199.7
Ni2316	231.604 {4	In2306	ppm	0.0027	0.0033	124.6	0.0003	0.005
P_1782	178.284 {4	In2306	ppm	0.0818	0.0032	3.901	0.0795	0.0841
Pb2203	220.353 {4	In2306	ppm	0.0013	0.003	220.6	-0.0008	0.0035
S_1820	182.034 {4	Y_2243	ppm	-220500	2367	1.073	-218800	-222200
Sb2068	206.833 {4	Y_2243	ppm	0.0146	0.0038	26.02	0.0119	0.0173
Se1960	196.090 {4	Y_2243	ppm	0.0164	0.0022	13.16	0.0149	0.0179
Si2516	251.611 {1	Y_3710	ppm	1.889	0.0547	2.894	1.85	1.928
Sn1899	189.989 {4	In2306	ppm	0.0041	0.0038	93.04	0.0014	0.0067
Sr4215	421.552 { 8	Y_3710	ppm	0.131	0.0013	1.026	0.13	0.1319
Ti3349	334.904 {1	Y_3600	ppm	0.0028	0.0002	6.747	0.0026	0.0029
Tl1908	190.856 {4	In2306	ppm	0.0002	0.0009	580.8	-0.0005	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0031	0.0005	16.09	0.0034	0.0027
Zn2062	206.200 {4	In2306	ppm	0.0203	0.0034	16.7	0.0179	0.0228

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.997	1.0517	2.6294	40.74	39.253
In2306	230.606 {4	Cts/S	8666	36.477	0.42092	8691.8	8640.2
Y_2243	224.306 {4	Cts/S	10814	56.085	0.51862	10854	10775
Y_3600	360.073 { 9	Cts/S	94975	388.87	0.40945	95250	94700
Y_3710	371.030 { 9	Cts/S	6487.4	24.728	0.38116	6504.9	6470

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 9:43:49
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0002	152.5	0.0003	0
Al3082	308.215 {1	In2306	ppm	0.0418	0.0037	8.772	0.0392	0.0444
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0003	29.54	0.0009	0.0014
B_2496	249.678 {1	Y_3710	ppm	-0.011	0.0112	101.1	-0.0031	-0.0189
Ba4554	455.403 { 7	Y_3710	ppm	0.0004	0.0003	83.84	0.0002	0.0006
Be3130	313.042 {1	Y_3710	ppm	0	0	155.2	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0066	0.0018	26.45	0.0079	0.0054

Ca3181	318.128 {1	In2306	ppm	0.0843	0.0564	66.88	0.1242	0.0444
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0003	84.9	0.0001	0.0006
Co2286	228.616 {4	In2306	ppm	0.0003	0.0006	190.7	-0.0001	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0	0.0003	642.6	-0.0002	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.001	0.0005	44.83	0.0014	0.0007
Fe2404	240.488 {1	In2306	ppm	-0.0123	0.0342	278	0.0119	-0.0365
K_7664	766.490 { 4	Y_3710	ppm	0.0686	0.0185	27.03	0.0817	0.0555
K_7698	769.896 { 4	Y_3710	ppm	0.1383	0.0179	12.97	0.1257	0.151
Li6707	670.784 { 5	Y_3710	ppm	0.0006	0.0001	21.34	0.0005	0.0007
Mg2790	279.079 {1	Y_3710	ppm	0.0708	0.0558	78.86	0.0313	0.1103
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0.0001	21.82	0.0003	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0018	0.0004	22.84	0.0015	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0011	0.001	87.59	0.0004	0.0018
Na5895	589.592 { 5	Y_3710	ppm	0.2909	0.0032	1.104	0.2931	0.2886
Na8183	818.326 { 4	Y_3710	ppm	-0.0448	0.1281	285.7	0.0457	-0.1354
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0005	192.9	-0.0001	0.0006
P_1782	178.284 {4	In2306	ppm	0.001	0.0021	220.8	-0.0005	0.0025
Pb2203	220.353 {4	In2306	ppm	0	0.0008	5701	-0.0006	0.0006
S_1820	182.034 {4	Y_2243	ppm	-3873	4602	118.8	-618.8	-7127
Sb2068	206.833 {4	Y_2243	ppm	0.003	0.0012	39.7	0.0022	0.0039
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0001	6.043	0.0009	0.001
Si2516	251.611 {1	Y_3710	ppm	0.0191	0.0169	88.47	0.031	0.0071
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0006	126.6	0.0001	0.0009
Sr4215	421.552 { 8	Y_3710	ppm	0	0	47.05	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0	5.032	0.0008	0.0009
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0004	25.29	0.0018	0.0013
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0005	660.1	0.0003	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0028	0.001	33.99	0.0021	0.0035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.623	0.42243	1.0661	39.922	39.325
In2306	230.606 {4	Cts/S	9947.6	73.169	0.73554	9999.4	9895.9
Y_2243	224.306 {4	Cts/S	11521	52.86	0.45883	11558	11483
Y_3600	360.073 { 9	Cts/S	107410	112.82	0.10503	107330	107490
Y_3710	371.030 { 9	Cts/S	6607.7	128.87	1.9503	6698.8	6516.6

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Custom ID3=
Run Time=1/16/2012 9:46:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4987	0.0066	1.321	0.5033	0.494
Al3082	308.215 {1	In2306	ppm	9.775	0.9231	9.443	10.43	9.122
As1890	189.042 {4	Y_2243	ppm	0.975	0.0031	0.317	0.9728	0.9772
B_2496	249.678 {1	Y_3710	ppm	0.9691	0.0067	0.6913	0.9644	0.9739
Ba4554	455.403 { 7	Y_3710	ppm	0.9972	0.0016	0.1585	0.9961	0.9984
Be3130	313.042 {1	Y_3710	ppm	0.4938	0.0013	0.2634	0.4947	0.4929

Ca3158	315.887 {1	In2306	ppm	9.694	0.8656	8.929	10.31	9.082
Ca3181	318.128 {1	In2306	ppm	9.575	0.8822	9.213	10.2	8.952
Cd2288	228.802 {4	Y_2243	ppm	0.4878	0.0009	0.1888	0.4871	0.4884
Co2286	228.616 {4	In2306	ppm	0.975	0.0019	0.1943	0.9763	0.9736
Cr2677	267.716 {1	Y_3600	ppm	0.9704	0.0074	0.7629	0.9757	0.9652
Cu3247	324.754 {1	Y_3600	ppm	0.9774	0.008	0.8156	0.983	0.9717
Fe2404	240.488 {1	In2306	ppm	9.748	0.8858	9.087	10.37	9.122
K_7664	766.490 { 4	Y_3710	ppm	10.78	0.0267	0.2479	10.8	10.76
K_7698	769.896 { 4	Y_3710	ppm	10.46	0.1311	1.254	10.55	10.36
Li6707	670.784 { 5	Y_3710	ppm	0.5371	0.0012	0.2236	0.5379	0.5362
Mg2790	279.079 {1	Y_3710	ppm	9.676	0.119	1.23	9.76	9.592
Mn2576	257.610 {1	Y_3600	ppm	0.9701	0.0077	0.7904	0.9755	0.9647
Mn2576-2	257.610 {1	Y_3710	ppm	0.9609	0.0006	0.0625	0.9605	0.9613
Mo2020	202.030 {4	Y_2243	ppm	0.995	0.0023	0.231	0.9966	0.9934
Na5895	589.592 { 5	Y_3710	ppm	10.83	0.0378	0.3492	10.86	10.8
Na8183	818.326 { 4	Y_3710	ppm	10.09	0.1507	1.493	9.988	10.2
Ni2316	231.604 {4	In2306	ppm	0.9664	0.0004	0.0453	0.9667	0.9661
P_1782	178.284 {4	In2306	ppm	-0.0002	0.0005	291.6	0.0002	-0.0006
Pb2203	220.353 {4	In2306	ppm	0.9717	0.0005	0.0556	0.9721	0.9713
S_1820	182.034 {4	Y_2243	ppm	-175.6	7.476	4.256	-170.3	-180.9
Sb2068	206.833 {4	Y_2243	ppm	0.9559	0.0023	0.2458	0.9575	0.9542
Se1960	196.090 {4	Y_2243	ppm	0.9926	0.0002	0.0234	0.9928	0.9924
Si2516	251.611 {1	Y_3710	ppm	0.8584	0.0133	1.545	0.8677	0.849
Sn1899	189.989 {4	In2306	ppm	0.9865	0.0008	0.0778	0.9871	0.986
Sr4215	421.552 { 8	Y_3710	ppm	0.5022	0.001	0.1969	0.5015	0.5029
Ti3349	334.904 {1	Y_3600	ppm	0.9852	0.011	1.12	0.993	0.9774
Tl1908	190.856 {4	In2306	ppm	0.99	0.0016	0.1631	0.9888	0.9911
V_2924	292.402 {1	Y_3600	ppm	0.9744	0.0084	0.8628	0.9803	0.9684
Zn2062	206.200 {4	In2306	ppm	0.9651	0.0016	0.1679	0.9663	0.964

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.627	3.6061	8.8763	38.077	43.177
In2306	230.606 {4	Cts/S	9391.1	27.748	0.29547	9410.8	9371.5
Y_2243	224.306 {4	Cts/S	11342	37.201	0.328	11368	11316
Y_3600	360.073 { 9	Cts/S	103780	923.27	0.8896	103130	104440
Y_3710	371.030 { 9	Cts/S	6317.7	10.123	0.16023	6310.5	6324.8

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2515	0.0044	1.763	0.2484	0.2546
Al3082	308.215 {1	In2306	ppm	2.6	0.0617	2.372	2.556	2.643
As1890	189.042 {4	Y_2243	ppm	0.5117	0.0028	0.5443	0.5097	0.5137
B_2496	249.678 {1	Y_3710	ppm	0.5045	0.0061	1.205	0.5088	0.5002
Ba4554	455.403 { 7	Y_3710	ppm	0.5016	0.0002	0.0301	0.5015	0.5017

Be3130	313.042 {1	Y_3710	ppm	0.5031	0.0018	0.3494	0.5043	0.5018
Ca3158	315.887 {1	In2306	ppm	12.98	0.2058	1.586	12.83	13.12
Ca3181	318.128 {1	In2306	ppm	12.92	0.318	2.46	12.7	13.15
Cd2288	228.802 {4	Y_2243	ppm	0.5015	0.0026	0.5253	0.5034	0.4997
Co2286	228.616 {4	In2306	ppm	0.507	0.0035	0.6857	0.5046	0.5095
Cr2677	267.716 {1	Y_3600	ppm	0.5028	0.0099	1.966	0.4959	0.5098
Cu3247	324.754 {1	Y_3600	ppm	0.501	0.0079	1.581	0.4954	0.5066
Fe2404	240.488 {1	In2306	ppm	2.606	0.0184	0.7068	2.593	2.619
K_7664	766.490 { 4	Y_3710	ppm	13.01	0.0231	0.1776	13.02	12.99
K_7698	769.896 { 4	Y_3710	ppm	12.93	0.0139	0.1076	12.92	12.94
Li6707	670.784 { 5	Y_3710	ppm	0.514	0.0017	0.3258	0.5152	0.5128
Mg2790	279.079 {1	Y_3710	ppm	4.939	0.1116	2.26	4.86	5.018
Mn2576	257.610 {1	Y_3600	ppm	0.5046	0.0113	2.248	0.4966	0.5126
Mn2576-2	257.610 {1	Y_3710	ppm	0.4911	0.0005	0.093	0.4914	0.4908
Mo2020	202.030 {4	Y_2243	ppm	0.5208	0.0047	0.9043	0.5175	0.5242
Na5895	589.592 { 5	Y_3710	ppm	13.03	0.0122	0.0938	13.04	13.03
Na8183	818.326 { 4	Y_3710	ppm	12.88	0.152	1.18	12.77	12.98
Ni2316	231.604 {4	In2306	ppm	0.505	0.0036	0.7085	0.5024	0.5075
P_1782	178.284 {4	In2306	ppm	-0.0002	0.0004	176.3	-0.0005	0.0001
Pb2203	220.353 {4	In2306	ppm	0.5052	0.0026	0.5056	0.5034	0.507
S_1820	182.034 {4	Y_2243	ppm	-5925	69.9	1.18	-5974	-5875
Sb2068	206.833 {4	Y_2243	ppm	0.5127	0.0001	0.0283	0.5126	0.5128
Se1960	196.090 {4	Y_2243	ppm	0.5159	0.0006	0.1252	0.5164	0.5154
Si2516	251.611 {1	Y_3710	ppm	0.8826	0.0025	0.2857	0.8844	0.8808
Sn1899	189.989 {4	In2306	ppm	0.5141	0.0035	0.6814	0.5116	0.5166
Sr4215	421.552 { 8	Y_3710	ppm	0.2551	0.0005	0.2097	0.2555	0.2547
Ti3349	334.904 {1	Y_3600	ppm	0.5115	0.0101	1.978	0.5044	0.5187
Tl1908	190.856 {4	In2306	ppm	0.5148	0.0009	0.1706	0.5141	0.5154
V_2924	292.402 {1	Y_3600	ppm	0.5067	0.0116	2.298	0.4985	0.515
Zn2062	206.200 {4	In2306	ppm	0.5048	0.0033	0.6583	0.5025	0.5072

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.466	0.9863	2.4991	40.163	38.768
In2306	230.606 {4	Cts/S	9339.6	21.902	0.23451	9324.1	9355.1
Y_2243	224.306 {4	Cts/S	11219	40.228	0.35857	11191	11247
Y_3600	360.073 { 9	Cts/S	102840	1878.3	1.8264	104170	101510
Y_3710	371.030 { 9	Cts/S	6425.5	9.0838	0.14137	6431.9	6419.1

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Custom ID3=
Run Time=1/16/2012 9:51:27
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0049	0.0002	5.028	0.0051	0.0047
Al3082	308.215 {1	In2306	ppm	0.1198	0.0028	2.344	0.1218	0.1179
As1890	189.042 {4	Y_2243	ppm	0.0139	0.0063	45.42	0.0094	0.0184
B_2496	249.678 {1	Y_3710	ppm	-0.0071	0.0069	96.74	-0.0022	-0.012

Ba4554	455.403 {	7	Y_3710	ppm	0.0098	0	0.426	0.0097	0.0098
Be3130	313.042 {1		Y_3710	ppm	0.0047	0	0.6091	0.0047	0.0048
Ca3158	315.887 {1		In2306	ppm	0.0965	0.0029	3.009	0.0986	0.0945
Ca3181	318.128 {1		In2306	ppm	0.1938	0.0008	0.3913	0.1933	0.1943
Cd2288	228.802 {4		Y_2243	ppm	0.0097	0.0061	62.58	0.0054	0.014
Co2286	228.616 {4		In2306	ppm	0.0147	0.0067	45.57	0.01	0.0195
Cr2677	267.716 {1		Y_3600	ppm	0.0098	0.0001	1.391	0.0097	0.0099
Cu3247	324.754 {1		Y_3600	ppm	0.0115	0.0006	4.798	0.0119	0.0111
Fe2404	240.488 {1		In2306	ppm	0.0898	0.012	13.41	0.0813	0.0983
K_7664	766.490 {	4	Y_3710	ppm	0.6219	0.0254	4.087	0.604	0.6399
K_7698	769.896 {	4	Y_3710	ppm	0.6754	0.0011	0.1621	0.6762	0.6746
Li6707	670.784 {	5	Y_3710	ppm	0.0095	0.0001	1.539	0.0094	0.0096
Mg2790	279.079 {1		Y_3710	ppm	0.1281	0.0155	12.12	0.139	0.1171
Mn2576	257.610 {1		Y_3600	ppm	0.0103	0.0001	1.334	0.0104	0.0102
Mn2576-2	257.610 {1		Y_3710	ppm	0.0087	0.002	22.81	0.0073	0.0101
Mo2020	202.030 {4		Y_2243	ppm	0.0179	0.0084	46.9	0.0119	0.0238
Na5895	589.592 {	5	Y_3710	ppm	0.7143	0.0211	2.958	0.6993	0.7292
Na8183	818.326 {	4	Y_3710	ppm	0.6026	0.025	4.144	0.585	0.6203
Ni2316	231.604 {4		In2306	ppm	0.015	0.0072	48.3	0.0098	0.0201
P_1782	178.284 {4		In2306	ppm	0.0085	0.0009	10.12	0.0091	0.0079
Pb2203	220.353 {4		In2306	ppm	0.0137	0.0049	35.98	0.0102	0.0172
S_1820	182.034 {4		Y_2243	ppm	-144.6	45.8	31.68	-112.2	-177
Sb2068	206.833 {4		Y_2243	ppm	0.0258	0.0061	23.6	0.0215	0.0301
Se1960	196.090 {4		Y_2243	ppm	0.0132	0.0042	31.64	0.0103	0.0162
Si2516	251.611 {1		Y_3710	ppm	-0.0299	0.0036	12.15	-0.0325	-0.0274
Sn1899	189.989 {4		In2306	ppm	0.0159	0.0083	52.47	0.01	0.0218
Sr4215	421.552 {	8	Y_3710	ppm	0.0048	0	0.0178	0.0048	0.0048
Ti3349	334.904 {1		Y_3600	ppm	0.0114	0	0.4114	0.0114	0.0114
Tl1908	190.856 {4		In2306	ppm	0.0154	0.0073	47.18	0.0103	0.0206
V_2924	292.402 {1		Y_3600	ppm	0.0096	0.0002	2.32	0.0098	0.0095
Zn2062	206.200 {4		In2306	ppm	0.0147	0.0067	45.47	0.0099	0.0194

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.654	3.4781	8.35	44.114	39.195
In2306	230.606 {4	Cts/S	10065	93.862	0.93256	10131	9998.6
Y_2243	224.306 {4	Cts/S	11625	91.42	0.78643	11689	11560
Y_3600	360.073 {	9 Cts/S	107120	820.58	0.76604	106540	107700
Y_3710	371.030 {	9 Cts/S	6570.7	116.35	1.7708	6653	6488.5

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	54.5	0.0002	0.0004
Al3082	308.215 {1	In2306	ppm	0.067	0.0594	88.64	0.109	0.025
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0021	290.5	0.0022	-0.0007

B_2496	249.678 {1	Y_3710	ppm	-0.016	0.0029	17.96	-0.014	-0.0181
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0002	425.5	0.0002	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	4.029	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	0.0019	0.0062	329.2	-0.0025	0.0063
Ca3181	318.128 {1	In2306	ppm	0.0671	0.0628	93.48	0.0228	0.1115
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	23.61	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0003	422	-0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	163.9	0	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0007	0.0001	20.39	0.0006	0.0008
Fe2404	240.488 {1	In2306	ppm	-0.0217	0.0351	161.2	-0.0465	0.003
K_7664	766.490 { 4	Y_3710	ppm	0.0395	0.0115	29.18	0.0476	0.0313
K_7698	769.896 { 4	Y_3710	ppm	0.0824	0.0538	65.32	0.1205	0.0443
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0.0001	24.88	-0.0002	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0199	0.0451	226.4	-0.012	0.0518
Mn2576	257.610 {1	Y_3600	ppm	0	0	175.5	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0031	0.0007	24.04	0.0036	0.0025
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0003	63.8	0.0003	0.0007
Na5895	589.592 { 5	Y_3710	ppm	0.1047	0.0042	3.984	0.1077	0.1018
Na8183	818.326 { 4	Y_3710	ppm	0.0568	0.0051	8.946	0.0532	0.0604
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	210.2	0	0.0002
P_1782	178.284 {4	In2306	ppm	0	0.0008	10540	0.0006	-0.0005
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0006	355.7	0.0003	-0.0006
S_1820	182.034 {4	Y_2243	ppm	-99.42	16.71	16.81	-87.6	-111.2
Sb2068	206.833 {4	Y_2243	ppm	0.0031	0.0001	3.264	0.003	0.0032
Se1960	196.090 {4	Y_2243	ppm	-0.0003	0.0008	300.5	0.0003	-0.0008
Si2516	251.611 {1	Y_3710	ppm	-0.0206	0.0284	137.8	-0.0407	-0.0005
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0002	288.4	-0.0001	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0002	198.3	-0.0003	0
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0004	83.12	0.0007	0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0009	745.4	-0.0007	0.0005
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0002	195.8	-0.0003	0
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	57.83	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	37.438	2.1672	5.7888	35.906	38.971
In2306	230.606 {4	Cts/S	10067	42.803	0.42517	10037	10098
Y_2243	224.306 {4	Cts/S	11527	72.659	0.63032	11476	11579
Y_3600	360.073 { 9	Cts/S	106670	91.396	0.08568	106730	106600
Y_3710	371.030 { 9	Cts/S	6279.6	327.46	5.2147	6048.1	6511.2

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0001	25.88	0.0003	0.0005
Al3082	308.215 {1	In2306	ppm	3.139	0.1396	4.449	3.04	3.238

As1890	189.042 {4	Y_2243	ppm	0.0006	0.0003	49.84	0.0008	0.0004
B_2496	249.678 {1	Y_3710	ppm	1.296	0.0062	0.4779	1.292	1.301
Ba4554	455.403 { 7	Y_3710	ppm	0.1163	0.001	0.8519	0.1156	0.117
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	403.8	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	29.16	1.855	6.362	27.85	30.47
Ca3181	318.128 {1	In2306	ppm	28.71	1.739	6.057	27.48	29.94
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	82.67	0.0002	0
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	105.5	0.0003	0
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0004	47.14	0.0006	0.0011
Cu3247	324.754 {1	Y_3600	ppm	0.572	0.0146	2.558	0.5824	0.5617
Fe2404	240.488 {1	In2306	ppm	0.2559	0.0223	8.714	0.2401	0.2717
K_7664	766.490 { 4	Y_3710	ppm	27.78	0.5497	1.979	28.17	27.39
K_7698	769.896 { 4	Y_3710	ppm	27.66	0.4779	1.728	28	27.32
Li6707	670.784 { 5	Y_3710	ppm	0.022	0.0002	0.9543	0.0221	0.0218
Mg2790	279.079 {1	Y_3710	ppm	6.699	0.0226	0.3378	6.683	6.715
Mn2576	257.610 {1	Y_3600	ppm	0.0968	0.0024	2.473	0.0985	0.0951
Mn2576-2	257.610 {1	Y_3710	ppm	0.0966	0.0062	6.436	0.0922	0.101
Mo2020	202.030 {4	Y_2243	ppm	0.0046	0.0002	5.097	0.0048	0.0044
Na5895	589.592 { 5	Y_3710	ppm	152.4	6.581	4.317	157.1	147.8
Na8183	818.326 { 4	Y_3710	ppm	171.6	0.0932	0.0543	171.5	171.7
Ni2316	231.604 {4	In2306	ppm	0.1535	0.0001	0.084	0.1534	0.1536
P_1782	178.284 {4	In2306	ppm	0.121	0.0001	0.1094	0.1211	0.1209
Pb2203	220.353 {4	In2306	ppm	0.0507	0.0008	1.508	0.0501	0.0512
S_1820	182.034 {4	Y_2243	ppm	-438800	979.2	0.2232	-438100	-439400
Sb2068	206.833 {4	Y_2243	ppm	0.0004	0.0005	107	0.0008	0.0001
Se1960	196.090 {4	Y_2243	ppm	0.0052	0.0006	10.64	0.0049	0.0056
Si2516	251.611 {1	Y_3710	ppm	5.54	0.0304	0.5489	5.519	5.562
Sn1899	189.989 {4	In2306	ppm	0.0451	0.0003	0.7293	0.0453	0.0448
Sr4215	421.552 { 8	Y_3710	ppm	0.4088	0.0054	1.328	0.405	0.4127
Ti3349	334.904 {1	Y_3600	ppm	0.0015	0.0001	9.144	0.0016	0.0014
Tl1908	190.856 {4	In2306	ppm	0.0004	0.0003	78.42	0.0006	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0057	0	0.2277	0.0057	0.0057
Zn2062	206.200 {4	In2306	ppm	0.0284	0.0001	0.1789	0.0284	0.0283

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.217	1.4636	3.7321	40.252	38.182
In2306	230.606 {4	Cts/S	8628	36.83	0.42687	8654.1	8602
Y_2243	224.306 {4	Cts/S	10743	56.384	0.52485	10783	10703
Y_3600	360.073 { 9	Cts/S	99370	1739.9	1.7509	98140	100600
Y_3710	371.030 { 9	Cts/S	6389.1	29.586	0.46307	6410	6368.2

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0009	0.0003	34.68	0.0011	0.0007

Al3082	308.215 {1	In2306	ppm	3.209	0.0436	1.359	3.178	3.24
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0004	162.6	0	0.0006
B_2496	249.678 {1	Y_3710	ppm	1.267	0.0188	1.484	1.28	1.254
Ba4554	455.403 { 7	Y_3710	ppm	0.1143	0.0027	2.398	0.1163	0.1124
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	22.12	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	28.17	0.2953	1.048	27.96	28.38
Ca3181	318.128 {1	In2306	ppm	27.88	0.4088	1.467	27.59	28.17
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	160.9	0	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	1053	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0001	10.22	0.0009	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.5999	0.0076	1.274	0.6053	0.5945
Fe2404	240.488 {1	In2306	ppm	0.237	0.0439	18.51	0.206	0.268
K_7664	766.490 { 4	Y_3710	ppm	28.09	0.6319	2.25	28.54	27.65
K_7698	769.896 { 4	Y_3710	ppm	28.09	0.6518	2.321	28.55	27.62
Li6707	670.784 { 5	Y_3710	ppm	0.0228	0.0005	2.114	0.0231	0.0224
Mg2790	279.079 {1	Y_3710	ppm	6.585	0.1267	1.924	6.674	6.495
Mn2576	257.610 {1	Y_3600	ppm	0.099	0.0012	1.255	0.0999	0.0981
Mn2576-2	257.610 {1	Y_3710	ppm	0.098	0.0066	6.755	0.1027	0.0933
Mo2020	202.030 {4	Y_2243	ppm	0.0042	0.0001	2.012	0.0041	0.0042
Na5895	589.592 { 5	Y_3710	ppm	158.5	3.541	2.234	156	161
Na8183	818.326 { 4	Y_3710	ppm	169.7	3.401	2.005	172.1	167.3
Ni2316	231.604 {4	In2306	ppm	0.1526	0.0002	0.1307	0.1525	0.1527
P_1782	178.284 {4	In2306	ppm	0.1223	0.0006	0.4615	0.1227	0.1219
Pb2203	220.353 {4	In2306	ppm	0.0513	0.0001	0.1008	0.0512	0.0513
S_1820	182.034 {4	Y_2243	ppm	-438400	746.5	0.1703	-437900	-438900
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0008	130.5	0	0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0056	0.001	18.22	0.0063	0.0049
Si2516	251.611 {1	Y_3710	ppm	5.455	0.1464	2.684	5.558	5.351
Sn1899	189.989 {4	In2306	ppm	0.0449	0.0003	0.6572	0.0447	0.0451
Sr4215	421.552 { 8	Y_3710	ppm	0.4012	0.0106	2.632	0.4087	0.3937
Ti3349	334.904 {1	Y_3600	ppm	0.002	0.0002	9.275	0.0019	0.0022
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0002	43.85	-0.0007	-0.0004
V_2924	292.402 {1	Y_3600	ppm	0.006	0.0003	5.272	0.0057	0.0062
Zn2062	206.200 {4	In2306	ppm	0.0274	0	0.1009	0.0274	0.0274

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.138	0.85712	2.19	39.744	38.532
In2306	230.606 {4	Cts/S	8639.7	34.448	0.39871	8664.1	8615.4
Y_2243	224.306 {4	Cts/S	10723	32.176	0.30007	10746	10700
Y_3600	360.073 { 9	Cts/S	97028	883.85	0.91092	96403	97653
Y_3710	371.030 { 9	Cts/S	6380.6	111.97	1.7549	6301.4	6459.8

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.5181	0.0154	2.979	0.529	0.5072
Al3082	308.215 {1	In2306	ppm	12.78	0.4531	3.546	13.1	12.46
As1890	189.042 {4	Y_2243	ppm	1.026	0.0241	2.347	1.009	1.043
B_2496	249.678 {1	Y_3710	ppm	2.224	0.0236	1.06	2.241	2.207
Ba4554	455.403 { 7	Y_3710	ppm	1.077	0.0103	0.9584	1.084	1.069
Be3130	313.042 {1	Y_3710	ppm	0.4787	0.005	1.039	0.4822	0.4752
Ca3158	315.887 {1	In2306	ppm	37.72	1.481	3.927	38.76	36.67
Ca3181	318.128 {1	In2306	ppm	37.26	1.54	4.132	38.35	36.17
Cd2288	228.802 {4	Y_2243	ppm	0.5008	0.0132	2.638	0.4915	0.5102
Co2286	228.616 {4	In2306	ppm	0.9961	0.021	2.113	0.9813	1.011
Cr2677	267.716 {1	Y_3600	ppm	0.9923	0.0351	3.535	1.017	0.9675
Cu3247	324.754 {1	Y_3600	ppm	1.591	0.0471	2.962	1.624	1.557
Fe2404	240.488 {1	In2306	ppm	10.09	0.4276	4.237	10.39	9.79
K_7664	766.490 { 4	Y_3710	ppm	37.3	0.4945	1.326	37.64	36.95
K_7698	769.896 { 4	Y_3710	ppm	37.56	0.4459	1.187	37.88	37.25
Li6707	670.784 { 5	Y_3710	ppm	0.525	0.0067	1.271	0.5297	0.5203
Mg2790	279.079 {1	Y_3710	ppm	16.1	0.3227	2.004	16.33	15.87
Mn2576	257.610 {1	Y_3600	ppm	1.08	0.0373	3.455	1.106	1.053
Mn2576-2	257.610 {1	Y_3710	ppm	1.037	0.02	1.928	1.051	1.022
Mo2020	202.030 {4	Y_2243	ppm	1.003	0.0218	2.176	0.9879	1.019
Na5895	589.592 { 5	Y_3710	ppm	165.9	3.567	2.15	163.4	168.4
Na8183	818.326 { 4	Y_3710	ppm	178	1.825	1.025	179.3	176.7
Ni2316	231.604 {4	In2306	ppm	1.15	0.0243	2.115	1.132	1.167
P_1782	178.284 {4	In2306	ppm	0.1256	0.0027	2.114	0.1237	0.1275
Pb2203	220.353 {4	In2306	ppm	1.033	0.0204	1.972	1.018	1.047
S_1820	182.034 {4	Y_2243	ppm	-443500	10820	2.441	-435800	-451100
Sb2068	206.833 {4	Y_2243	ppm	0.9848	0.023	2.334	0.9685	1.001
Se1960	196.090 {4	Y_2243	ppm	1.053	0.0293	2.787	1.032	1.074
Si2516	251.611 {1	Y_3710	ppm	6.343	0.034	0.5355	6.367	6.319
Sn1899	189.989 {4	In2306	ppm	1.062	0.0202	1.9	1.048	1.077
Sr4215	421.552 { 8	Y_3710	ppm	0.8828	0.0067	0.7563	0.8875	0.878
Ti3349	334.904 {1	Y_3600	ppm	1.009	0.0345	3.42	1.033	0.9844
Tl1908	190.856 {4	In2306	ppm	0.9729	0.017	1.752	0.9609	0.985
V_2924	292.402 {1	Y_3600	ppm	1	0.0352	3.517	1.025	0.9753
Zn2062	206.200 {4	In2306	ppm	1.045	0.0209	2.003	1.03	1.06

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.063	1.4978	3.7387	39.004	41.122
In2306	230.606 {4	Cts/S	8459.2	190.85	2.2561	8594.2	8324.3
Y_2243	224.306 {4	Cts/S	10613	243.19	2.2914	10785	10441
Y_3600	360.073 { 9	Cts/S	95556	2202.4	2.3049	93999	97113
Y_3710	371.030 { 9	Cts/S	6392.8	70.315	1.0999	6343.1	6442.5

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.5052	0.0004	0.0854	0.5055	0.5049
Al3082	308.215	{1	In2306	ppm	12.69	0.0122	0.0959	12.69	12.68
As1890	189.042	{4	Y_2243	ppm	1.045	0.0012	0.1188	1.046	1.044
B_2496	249.678	{1	Y_3710	ppm	2.228	0.0476	2.136	2.262	2.195
Ba4554	455.403	{ 7	Y_3710	ppm	1.085	0.0034	0.3099	1.087	1.082
Be3130	313.042	{1	Y_3710	ppm	0.4833	0.0026	0.5418	0.4852	0.4815
Ca3158	315.887	{1	In2306	ppm	37.08	0.1939	0.523	37.21	36.94
Ca3181	318.128	{1	In2306	ppm	36.66	0.2755	0.7515	36.86	36.47
Cd2288	228.802	{4	Y_2243	ppm	0.5107	0.0012	0.2293	0.5099	0.5115
Co2286	228.616	{4	In2306	ppm	1.018	0.0031	0.3045	1.016	1.02
Cr2677	267.716	{1	Y_3600	ppm	0.9554	0.0001	0.0066	0.9554	0.9555
Cu3247	324.754	{1	Y_3600	ppm	1.574	0.0047	0.3003	1.577	1.57
Fe2404	240.488	{1	In2306	ppm	9.94	0.1337	1.345	10.03	9.845
K_7664	766.490	{ 4	Y_3710	ppm	37.58	0.248	0.6598	37.41	37.76
K_7698	769.896	{ 4	Y_3710	ppm	37.91	0.2789	0.7357	37.71	38.1
Li6707	670.784	{ 5	Y_3710	ppm	0.5287	0.0023	0.4322	0.527	0.5303
Mg2790	279.079	{1	Y_3710	ppm	16.15	0.0393	0.2432	16.12	16.18
Mn2576	257.610	{1	Y_3600	ppm	1.045	0.0001	0.0122	1.045	1.045
Mn2576-2	257.610	{1	Y_3710	ppm	1.049	0.0091	0.8703	1.056	1.043
Mo2020	202.030	{4	Y_2243	ppm	1.024	0.0013	0.1235	1.023	1.025
Na5895	589.592	{ 5	Y_3710	ppm	169	5.551	3.284	172.9	165.1
Na8183	818.326	{ 4	Y_3710	ppm	178.9	0.2338	0.1307	179	178.7
Ni2316	231.604	{4	In2306	ppm	1.174	0.0022	0.1911	1.172	1.175
P_1782	178.284	{4	In2306	ppm	0.1273	0.0027	2.145	0.1253	0.1292
Pb2203	220.353	{4	In2306	ppm	1.048	0.003	0.2873	1.045	1.05
S_1820	182.034	{4	Y_2243	ppm	-450700	2011	0.4461	-449300	-452100
Sb2068	206.833	{4	Y_2243	ppm	1.02	0.0008	0.074	1.019	1.02
Se1960	196.090	{4	Y_2243	ppm	1.077	0.0037	0.3404	1.074	1.079
Si2516	251.611	{1	Y_3710	ppm	6.471	0.0192	0.2973	6.485	6.457
Sn1899	189.989	{4	In2306	ppm	1.083	0.0037	0.3451	1.081	1.086
Sr4215	421.552	{ 8	Y_3710	ppm	0.8906	0.0041	0.4605	0.8935	0.8877
Ti3349	334.904	{1	Y_3600	ppm	0.9824	0.0045	0.4608	0.9856	0.9792
Tl1908	190.856	{4	In2306	ppm	0.9874	0.0047	0.4753	0.9841	0.9907
V_2924	292.402	{1	Y_3600	ppm	0.9696	0.002	0.2036	0.971	0.9682
Zn2062	206.200	{4	In2306	ppm	1.06	0.005	0.4754	1.056	1.063

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	41.001	0.09685	0.23622	40.932	41.069
In2306	230.606	{4	Cts/S	8329.2	32.414	0.38916	8352.2	8306.3
Y_2243	224.306	{4	Cts/S	10445	36.418	0.34868	10470	10419
Y_3600	360.073	{ 9	Cts/S	97595	150.74	0.15445	97489	97702
Y_3710	371.030	{ 9	Cts/S	6395.9	8.1676	0.1277	6390.2	6401.7

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.0005	950.7	0.0004	-0.0003
Al3082	308.215	{1	In2306	ppm	0.0781	0.0668	85.54	0.0309	0.1254
As1890	189.042	{4	Y_2243	ppm	0.0065	0.0051	78.83	0.0029	0.0101
B_2496	249.678	{1	Y_3710	ppm	0.0857	0.0081	9.483	0.0799	0.0914
Ba4554	455.403	{ 7	Y_3710	ppm	0.1837	0.001	0.5397	0.1844	0.183
Be3130	313.042	{1	Y_3710	ppm	0.0003	0	2.345	0.0003	0.0003
Ca3158	315.887	{1	In2306	ppm	52.02	1.635	3.143	50.86	53.17
Ca3181	318.128	{1	In2306	ppm	51.43	1.686	3.278	50.23	52.62
Cd2288	228.802	{4	Y_2243	ppm	0.002	0.0026	131.2	0.0001	0.0038
Co2286	228.616	{4	In2306	ppm	0.0037	0.0057	153	-0.0003	0.0077
Cr2677	267.716	{1	Y_3600	ppm	0.0015	0.0003	17.5	0.0013	0.0016
Cu3247	324.754	{1	Y_3600	ppm	0.0053	0.0004	8.497	0.0056	0.0049
Fe2404	240.488	{1	In2306	ppm	0.0265	0.0012	4.565	0.0256	0.0273
K_7664	766.490	{ 4	Y_3710	ppm	4.344	0.0021	0.0483	4.342	4.345
K_7698	769.896	{ 4	Y_3710	ppm	4.267	0.0521	1.222	4.304	4.231
Li6707	670.784	{ 5	Y_3710	ppm	0.01	0.0002	1.655	0.0101	0.0099
Mg2790	279.079	{1	Y_3710	ppm	4.373	0.0431	0.9851	4.343	4.404
Mn2576	257.610	{1	Y_3600	ppm	0.0008	0	5.51	0.0008	0.0008
Mn2576-2	257.610	{1	Y_3710	ppm	0.0024	0.0006	24.04	0.0028	0.002
Mo2020	202.030	{4	Y_2243	ppm	0.0075	0.0073	97.21	0.0024	0.0127
Na5895	589.592	{ 5	Y_3710	ppm	41.86	0.1912	0.4567	42	41.73
Na8183	818.326	{ 4	Y_3710	ppm	41.67	0.2733	0.6557	41.86	41.48
Ni2316	231.604	{4	In2306	ppm	0.004	0.0065	162	-0.0006	0.0086
P_1782	178.284	{4	In2306	ppm	0.8759	0.0107	1.217	0.8834	0.8684
Pb2203	220.353	{4	In2306	ppm	0.0021	0.0052	249	-0.0016	0.0058
S_1820	182.034	{4	Y_2243	ppm	-26020	1380	5.303	-25040	-26990
Sb2068	206.833	{4	Y_2243	ppm	0.0207	0.0034	16.66	0.0183	0.0231
Se1960	196.090	{4	Y_2243	ppm	0.005	0.0041	81.29	0.0021	0.0079
Si2516	251.611	{1	Y_3710	ppm	11.71	0.0598	0.5103	11.75	11.67
Sn1899	189.989	{4	In2306	ppm	0.0065	0.007	108.1	0.0015	0.0115
Sr4215	421.552	{ 8	Y_3710	ppm	0.2242	0.0015	0.6552	0.2252	0.2232
Ti3349	334.904	{1	Y_3600	ppm	0.0019	0.0002	10.63	0.0018	0.0021
Tl1908	190.856	{4	In2306	ppm	0.0057	0.0059	103.2	0.0015	0.0099
V_2924	292.402	{1	Y_3600	ppm	0.004	0.0001	1.516	0.004	0.0039
Zn2062	206.200	{4	In2306	ppm	0.0271	0.0053	19.7	0.0233	0.0309

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	38.66	1.028	2.6591	39.387	37.933
In2306	230.606	{4	Cts/S	9102.2	26.685	0.29317	9121	9083.3
Y_2243	224.306	{4	Cts/S	10950	35.635	0.32544	10975	10924
Y_3600	360.073	{ 9	Cts/S	102150	2204.1	2.1577	103710	100590
Y_3710	371.030	{ 9	Cts/S	6391.9	20.705	0.32393	6377.3	6406.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0006	0.0002	28.55	0.0007	0.0005
Al3082	308.215	{1	In2306	ppm	0.696	0.1142	16.41	0.6152	0.7768
As1890	189.042	{4	Y_2243	ppm	0.0029	0.0004	14.32	0.0026	0.0032
B_2496	249.678	{1	Y_3710	ppm	0.1365	0.0095	6.971	0.1298	0.1432
Ba4554	455.403	{ 7	Y_3710	ppm	0.2392	0.0007	0.2836	0.2397	0.2387
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0	11.49	-0.0001	-0.0001
Ca3158	315.887	{1	In2306	ppm	53.43	3.565	6.672	50.91	55.95
Ca3181	318.128	{1	In2306	ppm	52.57	3.209	6.105	50.3	54.84
Cd2288	228.802	{4	Y_2243	ppm	0.0004	0.0001	35.13	0.0005	0.0003
Co2286	228.616	{4	In2306	ppm	0.0001	0.0001	140.2	0.0001	0
Cr2677	267.716	{1	Y_3600	ppm	0.0027	0.0003	10.34	0.0025	0.0029
Cu3247	324.754	{1	Y_3600	ppm	0.0569	0.0009	1.534	0.0562	0.0575
Fe2404	240.488	{1	In2306	ppm	0.3968	0.0439	11.07	0.3657	0.4278
K_7664	766.490	{ 4	Y_3710	ppm	14.91	0.0351	0.2357	14.88	14.93
K_7698	769.896	{ 4	Y_3710	ppm	14.62	0.0267	0.1826	14.64	14.6
Li6707	670.784	{ 5	Y_3710	ppm	0.012	0.0006	4.739	0.0116	0.0124
Mg2790	279.079	{1	Y_3710	ppm	5.736	0.1198	2.089	5.821	5.652
Mn2576	257.610	{1	Y_3600	ppm	0.0425	0.0001	0.3479	0.0424	0.0426
Mn2576-2	257.610	{1	Y_3710	ppm	0.0426	0.0027	6.267	0.0445	0.0408
Mo2020	202.030	{4	Y_2243	ppm	0.0018	0.0003	15.65	0.0016	0.002
Na5895	589.592	{ 5	Y_3710	ppm	73.28	0.0566	0.0772	73.32	73.24
Na8183	818.326	{ 4	Y_3710	ppm	71.03	0.4097	0.5767	71.32	70.74
Ni2316	231.604	{4	In2306	ppm	0.0016	0.0001	9.011	0.0015	0.0017
P_1782	178.284	{4	In2306	ppm	7.948	0.0215	0.27	7.963	7.933
Pb2203	220.353	{4	In2306	ppm	0.0007	0.0003	49.75	0.0009	0.0005
S_1820	182.034	{4	Y_2243	ppm	-70000	208.1	0.2973	-70150	-69850
Sb2068	206.833	{4	Y_2243	ppm	0.0015	0.0002	13.92	0.0014	0.0017
Se1960	196.090	{4	Y_2243	ppm	0.0026	0.0002	5.81	0.0025	0.0027
Si2516	251.611	{1	Y_3710	ppm	9.696	0.0721	0.744	9.747	9.645
Sn1899	189.989	{4	In2306	ppm	0.0048	0.0004	7.415	0.0046	0.0051
Sr4215	421.552	{ 8	Y_3710	ppm	0.2563	0.0013	0.5205	0.2573	0.2554
Ti3349	334.904	{1	Y_3600	ppm	0.0035	0.0002	5.954	0.0033	0.0036
Tl1908	190.856	{4	In2306	ppm	0.0004	0.0014	347.3	0.0014	-0.0006
V_2924	292.402	{1	Y_3600	ppm	0.0037	0.0001	3.897	0.0038	0.0036
Zn2062	206.200	{4	In2306	ppm	0.1664	0.0011	0.6651	0.1656	0.1672

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	38.234	2.7278	7.1346	40.163	36.305
In2306	230.606	{4	Cts/S	8900.5	25.313	0.2844	8882.6	8918.4
Y_2243	224.306	{4	Cts/S	10806	56.595	0.52371	10766	10846
Y_3600	360.073	{ 9	Cts/S	99244	858.68	0.86522	99851	98637
Y_3710	371.030	{ 9	Cts/S	6222.1	14.877	0.2391	6211.6	6232.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0002	34.54	0.0006	0.0003
Al3082	308.215 {1	In2306	ppm	0.0939	0.0942	100.3	0.0273	0.1605
As1890	189.042 {4	Y_2243	ppm	0.0033	0.0004	12.7	0.003	0.0036
B_2496	249.678 {1	Y_3710	ppm	0.5974	0.0048	0.8109	0.5939	0.6008
Ba4554	455.403 { 7	Y_3710	ppm	0.0974	0.001	1.024	0.0967	0.0981
Be3130	313.042 {1	Y_3710	ppm	0	0	343.7	0	0
Ca3158	315.887 {1	In2306	ppm	24.72	0.5078	2.054	24.36	25.08
Ca3181	318.128 {1	In2306	ppm	24.45	0.488	1.996	24.1	24.79
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	24.67	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0002	210.4	0	-0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0003	38.58	0.0009	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0287	0.0002	0.5959	0.0286	0.0288
Fe2404	240.488 {1	In2306	ppm	0.0153	0.0054	35.64	0.0191	0.0114
K_7664	766.490 { 4	Y_3710	ppm	14.96	0.3805	2.544	14.69	15.23
K_7698	769.896 { 4	Y_3710	ppm	14.96	0.3739	2.5	14.69	15.22
Li6707	670.784 { 5	Y_3710	ppm	0.0298	0.0015	4.978	0.0287	0.0308
Mg2790	279.079 {1	Y_3710	ppm	6.919	0.1005	1.452	6.848	6.99
Mn2576	257.610 {1	Y_3600	ppm	0.0043	0	0.6711	0.0043	0.0043
Mn2576-2	257.610 {1	Y_3710	ppm	0.0066	0.0008	12.71	0.0071	0.006
Mo2020	202.030 {4	Y_2243	ppm	0.0028	0.0002	5.307	0.0027	0.0029
Na5895	589.592 { 5	Y_3710	ppm	166.3	2.439	1.466	164.6	168
Na8183	818.326 { 4	Y_3710	ppm	184.2	1.81	0.9828	182.9	185.4
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0001	63.77	-0.0001	-0.0003
P_1782	178.284 {4	In2306	ppm	5.179	0.0162	0.3124	5.168	5.19
Pb2203	220.353 {4	In2306	ppm	-0.0009	0.0008	87.94	-0.0003	-0.0014
S_1820	182.034 {4	Y_2243	ppm	-88790	94.83	0.1068	-88720	-88850
Sb2068	206.833 {4	Y_2243	ppm	0.0002	0.0019	962	-0.0012	0.0016
Se1960	196.090 {4	Y_2243	ppm	0.0011	0	1.894	0.0012	0.0011
Si2516	251.611 {1	Y_3710	ppm	7.65	0.0106	0.1387	7.643	7.658
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	26.91	0.0003	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.5069	0.0032	0.6399	0.5046	0.5092
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0004	33.4	0.0013	0.0008
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0008	93.51	-0.0003	-0.0014
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0001	67.79	-0.0001	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.063	0.0007	1.037	0.0625	0.0635

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.032	1.2914	3.1472	41.945	40.119
In2306	230.606 {4	Cts/S	8626.7	0.80682	0.00935	8626.2	8627.3
Y_2243	224.306 {4	Cts/S	10696	17.567	0.16423	10684	10708
Y_3600	360.073 { 9	Cts/S	96683	1199.1	1.2402	97531	95835
Y_3710	371.030 { 9	Cts/S	6469.8	39.723	0.61398	6497.9	6441.7

[Sample Header]
Method=ICP6500Metals_TRY3(v623)
SampleName=600-48734-D-3-A
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:15:13
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	109	0.0001	0.0006
Al3082	308.215 {1	In2306	ppm	0.3128	0.0458	14.63	0.2805	0.3452
As1890	189.042 {4	Y_2243	ppm	0.0017	0.0012	73.89	0.0008	0.0026
B_2496	249.678 {1	Y_3710	ppm	0.5057	0.0301	5.955	0.527	0.4844
Ba4554	455.403 { 7	Y_3710	ppm	0.1727	0.0037	2.137	0.1754	0.1701
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	29.44	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	27.13	0.0881	0.3247	27.07	27.19
Ca3181	318.128 {1	In2306	ppm	26.83	0.0878	0.3273	26.9	26.77
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	5.972	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	-0.0003	0.0002	69.15	-0.0001	-0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0015	0	0.5292	0.0015	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.149	0.0004	0.2652	0.1487	0.1493
Fe2404	240.488 {1	In2306	ppm	0.3086	0.0427	13.84	0.2784	0.3388
K_7664	766.490 { 4	Y_3710	ppm	16.12	0.4232	2.626	16.41	15.82
K_7698	769.896 { 4	Y_3710	ppm	16.02	0.3669	2.291	16.28	15.76
Li6707	670.784 { 5	Y_3710	ppm	0.0347	0.0011	3.17	0.0355	0.0339
Mg2790	279.079 {1	Y_3710	ppm	7.581	0.2525	3.331	7.76	7.403
Mn2576	257.610 {1	Y_3600	ppm	0.0238	0	0.1659	0.0238	0.0238
Mn2576-2	257.610 {1	Y_3710	ppm	0.0244	0.002	8.103	0.023	0.0257
Mo2020	202.030 {4	Y_2243	ppm	0.0033	0	0.4173	0.0033	0.0033
Na5895	589.592 { 5	Y_3710	ppm	181.5	14.06	7.751	191.4	171.5
Na8183	818.326 { 4	Y_3710	ppm	190.1	3.917	2.06	192.9	187.3
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0002	73.29	0.0002	0.0005
P_1782	178.284 {4	In2306	ppm	7.36	0.0422	0.5736	7.39	7.33
Pb2203	220.353 {4	In2306	ppm	-0.0004	0.0007	194	0.0001	-0.0009
S_1820	182.034 {4	Y_2243	ppm	-56560	87.7	0.1551	-56500	-56620
Sb2068	206.833 {4	Y_2243	ppm	-0.0005	0.0015	283.8	-0.0016	0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0013	0	3.008	0.0013	0.0014
Si2516	251.611 {1	Y_3710	ppm	6.914	0.0922	1.334	6.979	6.849
Sn1899	189.989 {4	In2306	ppm	0.0032	0.0001	4.545	0.0033	0.0031
Sr4215	421.552 { 8	Y_3710	ppm	0.5995	0.0121	2.015	0.6081	0.591
Ti3349	334.904 {1	Y_3600	ppm	0.0014	0.0002	16.23	0.0015	0.0012
Tl1908	190.856 {4	In2306	ppm	-0.0012	0.0004	29.82	-0.0009	-0.0014
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0.0001	15.87	-0.0004	-0.0005
Zn2062	206.200 {4	In2306	ppm	0.1064	0.0006	0.5712	0.1068	0.106

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.493	0.07283	0.1844	39.545	39.442
In2306	230.606 {4	Cts/S	8600.1	4.7041	0.0547	8596.8	8603.4
Y_2243	224.306 {4	Cts/S	10683	11.859	0.111	10675	10692
Y_3600	360.073 { 9	Cts/S	96596	281.68	0.2916	96795	96397
Y_3710	371.030 { 9	Cts/S	6237.1	99.144	1.5896	6167	6307.2

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:17:55
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0006	0.0005	79.18	0.0009	0.0003
Al3082	308.215	{1	In2306	ppm	-0.0257	0.0481	187.4	0.0083	-0.0597
As1890	189.042	{4	Y_2243	ppm	0.0023	0.0021	93.47	0.0037	0.0008
B_2496	249.678	{1	Y_3710	ppm	0.055	0.0175	31.89	0.0426	0.0674
Ba4554	455.403	{ 7	Y_3710	ppm	0.8173	0.0215	2.63	0.8021	0.8325
Be3130	313.042	{1	Y_3710	ppm	0	0.0001	272.3	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	192	3.836	1.998	189.3	194.7
Ca3181	318.128	{1	In2306	ppm	192.4	3.832	1.992	189.7	195.1
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0	1.228	0.0001	0.0001
Co2286	228.616	{4	In2306	ppm	0.0006	0	6.944	0.0006	0.0006
Cr2677	267.716	{1	Y_3600	ppm	0.0013	0	3.068	0.0013	0.0013
Cu3247	324.754	{1	Y_3600	ppm	0.0021	0.0001	3.936	0.0021	0.0022
Fe2404	240.488	{1	In2306	ppm	0.517	0.0175	3.385	0.5046	0.5293
K_7664	766.490	{ 4	Y_3710	ppm	1.061	0.0033	0.3131	1.059	1.064
K_7698	769.896	{ 4	Y_3710	ppm	1.147	0.008	0.6973	1.141	1.153
Li6707	670.784	{ 5	Y_3710	ppm	0.0119	0.0004	3.489	0.0116	0.0122
Mg2790	279.079	{1	Y_3710	ppm	3.973	0.2089	5.259	3.826	4.121
Mn2576	257.610	{1	Y_3600	ppm	0.1898	0	0.0212	0.1898	0.1898
Mn2576-2	257.610	{1	Y_3710	ppm	0.1884	0.0026	1.406	0.1865	0.1903
Mo2020	202.030	{4	Y_2243	ppm	0.0059	0.0002	3.666	0.0061	0.0058
Na5895	589.592	{ 5	Y_3710	ppm	53.52	0.9623	1.798	52.84	54.2
Na8183	818.326	{ 4	Y_3710	ppm	53.79	1.207	2.245	52.93	54.64
Ni2316	231.604	{4	In2306	ppm	0.0011	0.0003	25.14	0.0009	0.0013
P_1782	178.284	{4	In2306	ppm	0.0167	0.0159	94.95	0.0055	0.0279
Pb2203	220.353	{4	In2306	ppm	-0.0005	0.0012	223.6	0.0003	-0.0014
S_1820	182.034	{4	Y_2243	ppm	-44550	456.3	1.024	-44870	-44220
Sb2068	206.833	{4	Y_2243	ppm	-0.0016	0.0004	24.97	-0.0013	-0.0019
Se1960	196.090	{4	Y_2243	ppm	0.005	0.0032	64.12	0.0073	0.0027
Si2516	251.611	{1	Y_3710	ppm	8.516	0.1485	1.744	8.411	8.621
Sn1899	189.989	{4	In2306	ppm	0.0003	0.0001	29.49	0.0004	0.0003
Sr4215	421.552	{ 8	Y_3710	ppm	0.1628	0.0044	2.683	0.1598	0.1659
Ti3349	334.904	{1	Y_3600	ppm	0.0012	0	1.46	0.0012	0.0012
Tl1908	190.856	{4	In2306	ppm	-0.0012	0.0006	51.35	-0.0016	-0.0007
V_2924	292.402	{1	Y_3600	ppm	0.0004	0.0003	74.86	0.0007	0.0002
Zn2062	206.200	{4	In2306	ppm	0.0056	0.0002	3.132	0.0054	0.0057

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	39.396	0.43017	1.0919	39.701	39.092
In2306	230.606	{4	Cts/S	8677.2	52.659	0.60686	8640	8714.5
Y_2243	224.306	{4	Cts/S	10626	84.41	0.79437	10566	10686
Y_3600	360.073	{ 9	Cts/S	97978	113.66	0.11601	97898	98058
Y_3710	371.030	{ 9	Cts/S	6305	95.563	1.5157	6372.5	6237.4

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:20:34

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0	3.088	0	0
Al3082	308.215	{1	In2306	ppm	4.284	0.1422	3.319	4.183	4.385
As1890	189.042	{4	Y_2243	ppm	0.0015	0.001	64.87	0.0022	0.0008
B_2496	249.678	{1	Y_3710	ppm	0.0595	0.005	8.389	0.056	0.063
Ba4554	455.403	{ 7	Y_3710	ppm	0.8682	0.0389	4.48	0.8407	0.8957
Be3130	313.042	{1	Y_3710	ppm	0.0004	0	6.39	0.0004	0.0004
Ca3158	315.887	{1	In2306	ppm	199	4.97	2.498	195.5	202.5
Ca3181	318.128	{1	In2306	ppm	198.4	4.987	2.514	194.8	201.9
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0.0001	58.66	0.0002	0.0001
Co2286	228.616	{4	In2306	ppm	0.0019	0	1.738	0.002	0.0019
Cr2677	267.716	{1	Y_3600	ppm	0.0115	0.0002	2.158	0.0113	0.0117
Cu3247	324.754	{1	Y_3600	ppm	0.0061	0.0001	2.213	0.006	0.0062
Fe2404	240.488	{1	In2306	ppm	4.745	0.2217	4.673	4.588	4.901
K_7664	766.490	{ 4	Y_3710	ppm	1.834	0.0934	5.09	1.768	1.9
K_7698	769.896	{ 4	Y_3710	ppm	1.857	0.1216	6.547	1.771	1.943
Li6707	670.784	{ 5	Y_3710	ppm	0.0142	0.0008	5.692	0.0136	0.0148
Mg2790	279.079	{1	Y_3710	ppm	5.019	0.0466	0.9278	5.052	4.986
Mn2576	257.610	{1	Y_3600	ppm	0.2849	0.0008	0.2729	0.2855	0.2844
Mn2576-2	257.610	{1	Y_3710	ppm	0.2921	0.0074	2.52	0.2869	0.2973
Mo2020	202.030	{4	Y_2243	ppm	0.0067	0.0001	2.097	0.0066	0.0068
Na5895	589.592	{ 5	Y_3710	ppm	53.79	3.133	5.824	51.57	56
Na8183	818.326	{ 4	Y_3710	ppm	54.45	2.553	4.689	52.64	56.25
Ni2316	231.604	{4	In2306	ppm	0.0053	0	0.538	0.0053	0.0053
P_1782	178.284	{4	In2306	ppm	0.0454	0.0001	0.2185	0.0453	0.0455
Pb2203	220.353	{4	In2306	ppm	0.0012	0.0006	45.23	0.0008	0.0016
S_1820	182.034	{4	Y_2243	ppm	-44880	12.19	0.0272	-44870	-44890
Sb2068	206.833	{4	Y_2243	ppm	-0.001	0.0013	129.4	-0.0019	-0.0001
Se1960	196.090	{4	Y_2243	ppm	0.0058	0.0008	13.66	0.0063	0.0052
Si2516	251.611	{1	Y_3710	ppm	16.07	0.5843	3.636	15.66	16.48
Sn1899	189.989	{4	In2306	ppm	0.0002	0	8.539	0.0002	0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	0.1725	0.0077	4.465	0.1671	0.178
Ti3349	334.904	{1	Y_3600	ppm	0.0292	0.0006	1.913	0.0288	0.0296
Tl1908	190.856	{4	In2306	ppm	-0.0014	0.0014	98.56	-0.0004	-0.0024
V_2924	292.402	{1	Y_3600	ppm	0.012	0.0003	2.13	0.0122	0.0118
Zn2062	206.200	{4	In2306	ppm	0.04	0.0003	0.7571	0.0403	0.0398

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	39.171	1.2306	3.1417	40.041	38.301
In2306	230.606	{4	Cts/S	8598	2.0728	0.02411	8599.4	8596.5
Y_2243	224.306	{4	Cts/S	10759	0.869	0.00808	10760	10758
Y_3600	360.073	{ 9	Cts/S	98753	582.97	0.59033	98340	99165
Y_3710	371.030	{ 9	Cts/S	6202.3	192.5	3.1036	6338.5	6066.2

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SampleName=CCV 766326
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/16/2012 10:23:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2518	0.0005	0.1804	0.2514	0.2521
Al3082	308.215 {1	In2306	ppm	2.498	0.2228	8.92	2.34	2.656
As1890	189.042 {4	Y_2243	ppm	0.5025	0.0072	1.436	0.5076	0.4974
B_2496	249.678 {1	Y_3710	ppm	0.476	0.0061	1.272	0.4803	0.4717
Ba4554	455.403 { 7	Y_3710	ppm	0.4887	0.0103	2.11	0.4814	0.496
Be3130	313.042 {1	Y_3710	ppm	0.4901	0.0135	2.761	0.4805	0.4997
Ca3158	315.887 {1	In2306	ppm	13.1	1.222	9.329	12.24	13.97
Ca3181	318.128 {1	In2306	ppm	13.1	1.139	8.695	12.3	13.91
Cd2288	228.802 {4	Y_2243	ppm	0.4945	0.0047	0.9545	0.4978	0.4912
Co2286	228.616 {4	In2306	ppm	0.4936	0.0045	0.9163	0.4968	0.4904
Cr2677	267.716 {1	Y_3600	ppm	0.5039	0.0008	0.1633	0.5033	0.5045
Cu3247	324.754 {1	Y_3600	ppm	0.491	0.0005	0.1052	0.4913	0.4906
Fe2404	240.488 {1	In2306	ppm	2.617	0.2715	10.37	2.425	2.809
K_7664	766.490 { 4	Y_3710	ppm	12.53	0.087	0.6944	12.46	12.59
K_7698	769.896 { 4	Y_3710	ppm	12.3	0.1466	1.192	12.2	12.41
Li6707	670.784 { 5	Y_3710	ppm	0.484	0.0052	1.064	0.4804	0.4877
Mg2790	279.079 {1	Y_3710	ppm	4.873	0.1624	3.334	4.758	4.987
Mn2576	257.610 {1	Y_3600	ppm	0.5056	0.0008	0.1668	0.505	0.5062
Mn2576-2	257.610 {1	Y_3710	ppm	0.4842	0.0092	1.907	0.4777	0.4907
Mo2020	202.030 {4	Y_2243	ppm	0.5094	0.0079	1.554	0.515	0.5038
Na5895	589.592 { 5	Y_3710	ppm	12.31	0.1107	0.899	12.24	12.39
Na8183	818.326 { 4	Y_3710	ppm	12.31	0.074	0.6011	12.26	12.37
Ni2316	231.604 {4	In2306	ppm	0.4946	0.005	1.016	0.4981	0.491
P_1782	178.284 {4	In2306	ppm	0.0004	0.0004	106.5	0.0001	0.0007
Pb2203	220.353 {4	In2306	ppm	0.494	0.0055	1.118	0.4979	0.4901
S_1820	182.034 {4	Y_2243	ppm	-5998	83.23	1.388	-5939	-6057
Sb2068	206.833 {4	Y_2243	ppm	0.486	0.0084	1.72	0.4919	0.48
Se1960	196.090 {4	Y_2243	ppm	0.5089	0.0056	1.099	0.5129	0.5049
Si2516	251.611 {1	Y_3710	ppm	0.965	0.0564	5.849	0.9251	1.005
Sn1899	189.989 {4	In2306	ppm	0.503	0.005	0.9868	0.5065	0.4994
Sr4215	421.552 { 8	Y_3710	ppm	0.2496	0.0048	1.929	0.2462	0.253
Ti3349	334.904 {1	Y_3600	ppm	0.5106	0.0001	0.024	0.5105	0.5107
Tl1908	190.856 {4	In2306	ppm	0.5036	0.0057	1.14	0.5076	0.4995
V_2924	292.402 {1	Y_3600	ppm	0.5003	0.0003	0.0676	0.5001	0.5006
Zn2062	206.200 {4	In2306	ppm	0.4952	0.0035	0.7032	0.4977	0.4928

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.698	3.2131	8.0939	41.97	37.426
In2306	230.606 {4	Cts/S	9484.6	33.69	0.35521	9460.8	9508.4
Y_2243	224.306 {4	Cts/S	11323	72.706	0.64209	11272	11375
Y_3600	360.073 { 9	Cts/S	103330	154.04	0.14908	103440	103220
Y_3710	371.030 { 9	Cts/S	6509	110.37	1.6957	6587	6430.9

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SampleName=LLCCV
Username=admin
Comment=
Custom ID1=
Custom ID2=

Custom ID3=
Run Time=1/16/2012 10:25:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0054	0	0.2889	0.0054	0.0054
Al3082	308.215 {1	In2306	ppm	0.0694	0.0307	44.26	0.0911	0.0477
As1890	189.042 {4	Y_2243	ppm	0.0161	0.0068	42.15	0.0113	0.0209
B_2496	249.678 {1	Y_3710	ppm	0.0043	0.0034	77.79	0.0067	0.0019
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0003	2.799	0.01	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0049	0	0.9345	0.0048	0.0049
Ca3158	315.887 {1	In2306	ppm	0.0972	0.0004	0.3842	0.0969	0.0975
Ca3181	318.128 {1	In2306	ppm	0.24	0.0425	17.71	0.27	0.2099
Cd2288	228.802 {4	Y_2243	ppm	0.0107	0.007	64.92	0.0058	0.0156
Co2286	228.616 {4	In2306	ppm	0.0153	0.0074	48.18	0.0101	0.0205
Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0004	4.372	0.0097	0.0103
Cu3247	324.754 {1	Y_3600	ppm	0.0113	0.0001	1.282	0.0114	0.0112
Fe2404	240.488 {1	In2306	ppm	0.0996	0.018	18.04	0.0869	0.1123
K_7664	766.490 { 4	Y_3710	ppm	0.6267	0.0181	2.883	0.6395	0.6139
K_7698	769.896 { 4	Y_3710	ppm	0.6483	0.0042	0.6425	0.6453	0.6512
Li6707	670.784 { 5	Y_3710	ppm	0.0097	0.0005	5.477	0.0101	0.0093
Mg2790	279.079 {1	Y_3710	ppm	0.0515	0.0928	180.2	0.1171	-0.0141
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0	0.3671	0.0103	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0102	0.002	19.79	0.0087	0.0116
Mo2020	202.030 {4	Y_2243	ppm	0.0182	0.0086	47.38	0.0121	0.0243
Na5895	589.592 { 5	Y_3710	ppm	0.6341	0.005	0.7913	0.6376	0.6305
Na8183	818.326 { 4	Y_3710	ppm	0.4721	0.0448	9.48	0.5037	0.4404
Ni2316	231.604 {4	In2306	ppm	0.0159	0.0073	46.23	0.0107	0.021
P_1782	178.284 {4	In2306	ppm	0.0094	0	0.4134	0.0094	0.0094
Pb2203	220.353 {4	In2306	ppm	0.0142	0.0072	50.38	0.0092	0.0193
S_1820	182.034 {4	Y_2243	ppm	-130.3	71.92	55.19	-79.45	-181.2
Sb2068	206.833 {4	Y_2243	ppm	0.0228	0.0072	31.44	0.0177	0.0278
Se1960	196.090 {4	Y_2243	ppm	0.0133	0.0061	46.02	0.0089	0.0176
Si2516	251.611 {1	Y_3710	ppm	0.0253	0.0425	167.5	-0.0047	0.0554
Sn1899	189.989 {4	In2306	ppm	0.0167	0.0075	44.69	0.0115	0.022
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0	1.017	0.0048	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0107	0.0004	3.582	0.0104	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0165	0.0085	51.1	0.0106	0.0225
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0006	5.786	0.0093	0.0101
Zn2062	206.200 {4	In2306	ppm	0.0153	0.007	45.78	0.0103	0.0202

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.903	1.4332	3.5038	41.917	39.89
In2306	230.606 {4	Cts/S	10008	8.7917	0.08785	10014	10002
Y_2243	224.306 {4	Cts/S	11542	6.5447	0.0567	11547	11538
Y_3600	360.073 { 9	Cts/S	107580	474.58	0.44112	107920	107250
Y_3710	371.030 { 9	Cts/S	6512.7	34.184	0.52487	6488.6	6536.9

[Sample Header]
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Username=admin
Comment=
Custom ID1=

Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:28:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0002	105.6	0.0003	0
Al3082	308.215 {1	In2306	ppm	-0.0175	0.0511	291.7	0.0186	-0.0537
As1890	189.042 {4	Y_2243	ppm	0.001	0.0001	11.37	0.0011	0.0009
B_2496	249.678 {1	Y_3710	ppm	-0.0062	0.0027	44.03	-0.0082	-0.0043
Ba4554	455.403 { 7	Y_3710	ppm	-0.0003	0.0001	32.36	-0.0004	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0002	70.11	0.0005	0.0002
Ca3158	315.887 {1	In2306	ppm	0.0129	0.0128	98.58	0.022	0.0039
Ca3181	318.128 {1	In2306	ppm	0.0541	0.153	282.6	-0.0541	0.1623
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	146.6	0	0.0003
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	103.8	-0.0002	0
Cr2677	267.716 {1	Y_3600	ppm	0	0.0001	1316	0.0001	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0009	0.0002	21.61	0.0011	0.0008
Fe2404	240.488 {1	In2306	ppm	-0.0112	0.0542	482	0.0271	-0.0496
K_7664	766.490 { 4	Y_3710	ppm	0.0229	0.0182	79.47	0.0357	0.01
K_7698	769.896 { 4	Y_3710	ppm	0.0952	0.004	4.232	0.0924	0.0981
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	40.22	0.0004	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0738	0.0329	44.54	0.097	0.0505
Mn2576	257.610 {1	Y_3600	ppm	0	0	141.9	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0011	0	2.764	0.0011	0.0011
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0004	68.77	0.0003	0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.0433	0.0043	9.987	0.0464	0.0402
Na8183	818.326 { 4	Y_3710	ppm	-0.1139	0.0781	68.6	-0.1691	-0.0586
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0001	61.48	0.0001	0.0003
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0008	231.6	-0.0009	0.0002
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0004	273.4	-0.0004	0.0001
S_1820	182.034 {4	Y_2243	ppm	-64.97	12.7	19.54	-73.95	-55.99
Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.0016	82.11	0.0008	0.003
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.0018	977.3	-0.0011	0.0015
Si2516	251.611 {1	Y_3710	ppm	0.0077	0.0174	227.2	-0.0046	0.0199
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	285.8	-0.0003	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	181.2	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0007	758.1	0.0004	-0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0014	0.0005	33.08	-0.0018	-0.0011
V_2924	292.402 {1	Y_3600	ppm	0.0002	0	21.88	0.0002	0.0001
Zn2062	206.200 {4	In2306	ppm	0	0.0002	3612	-0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.482	0.44822	1.1352	39.799	39.165
In2306	230.606 {4	Cts/S	9965.4	98.785	0.99129	10035	9895.5
Y_2243	224.306 {4	Cts/S	11406	130.02	1.14	11498	11314
Y_3600	360.073 { 9	Cts/S	106140	474	0.44657	105810	106480
Y_3710	371.030 { 9	Cts/S	6438.1	86.297	1.3404	6499.1	6377.1

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Username=admin
Comment=

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:31:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	117.4	0.0005	0
Al3082	308.215 {1	In2306	ppm	0.0394	0.05	126.8	0.0748	0.0041
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0001	136.8	0	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0513	0.004	7.827	0.0541	0.0484
Ba4554	455.403 { 7	Y_3710	ppm	0.4091	0.0021	0.5033	0.4076	0.4105
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	43.57	0.0003	0.0002
Ca3158	315.887 {1	In2306	ppm	131.2	2.727	2.079	129.3	133.2
Ca3181	318.128 {1	In2306	ppm	130.4	2.727	2.092	128.5	132.3
Cd2288	228.802 {4	Y_2243	ppm	0	0	141.3	0	0
Co2286	228.616 {4	In2306	ppm	0.0014	0.0001	8.549	0.0013	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0007	85.63	0.0012	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0002	9.953	0.0025	0.0022
Fe2404	240.488 {1	In2306	ppm	0.5181	0.0257	4.97	0.4999	0.5363
K_7664	766.490 { 4	Y_3710	ppm	0.6383	0.0146	2.282	0.6486	0.628
K_7698	769.896 { 4	Y_3710	ppm	0.648	0.0236	3.643	0.6313	0.6647
Li6707	670.784 { 5	Y_3710	ppm	0.0109	0.0005	4.487	0.0113	0.0106
Mg2790	279.079 {1	Y_3710	ppm	5.332	0.0486	0.9118	5.298	5.367
Mn2576	257.610 {1	Y_3600	ppm	0.0857	0.0001	0.0781	0.0857	0.0856
Mn2576-2	257.610 {1	Y_3710	ppm	0.0821	0.0001	0.1397	0.0821	0.082
Mo2020	202.030 {4	Y_2243	ppm	0.0044	0.0003	5.902	0.0046	0.0042
Na5895	589.592 { 5	Y_3710	ppm	60.96	0.2084	0.3418	60.81	61.11
Na8183	818.326 { 4	Y_3710	ppm	61.89	0.0756	0.1221	61.95	61.84
Ni2316	231.604 {4	In2306	ppm	0.0005	0.0001	15.39	0.0005	0.0006
P_1782	178.284 {4	In2306	ppm	0.0032	0.001	30.89	0.0025	0.0039
Pb2203	220.353 {4	In2306	ppm	-0.0016	0.0006	34.09	-0.002	-0.0012
S_1820	182.034 {4	Y_2243	ppm	-57500	1856	3.229	-58810	-56190
Sb2068	206.833 {4	Y_2243	ppm	-0.0006	0.0005	86	-0.001	-0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0112	0.0001	0.5335	0.0111	0.0112
Si2516	251.611 {1	Y_3710	ppm	10.48	0.036	0.3437	10.45	10.51
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0004	171.8	0.0005	0
Sr4215	421.552 { 8	Y_3710	ppm	0.1767	0.0007	0.3771	0.1762	0.1771
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0003	39.54	0.0009	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0009	0	0.2378	-0.0009	-0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	35.1	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0044	0.0002	5.556	0.0045	0.0042

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.353	0.85494	2.1725	39.958	38.749
In2306	230.606 {4	Cts/S	8610.4	152.1	1.7665	8502.8	8717.9
Y_2243	224.306 {4	Cts/S	10515	160.3	1.5245	10402	10628
Y_3600	360.073 { 9	Cts/S	97915	0.89318	0.00091	97914	97916
Y_3710	371.030 { 9	Cts/S	6374.9	0.75659	0.01187	6374.3	6375.4

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Username=admin

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:33:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	85.42	0.0001	0.0002
Al3082	308.215 {1	In2306	ppm	5.707	0.3861	6.766	5.434	5.98
As1890	189.042 {4	Y_2243	ppm	0.0014	0.0006	44.51	0.001	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.068	0.0117	17.2	0.0598	0.0763
Ba4554	455.403 { 7	Y_3710	ppm	0.4601	0.0051	1.107	0.4637	0.4565
Be3130	313.042 {1	Y_3710	ppm	0.0004	0.0001	17.01	0.0005	0.0004
Ca3158	315.887 {1	In2306	ppm	134.6	10.16	7.552	127.4	141.8
Ca3181	318.128 {1	In2306	ppm	134	10.27	7.663	126.8	141.3
Cd2288	228.802 {4	Y_2243	ppm	0	0	630.7	0	0
Co2286	228.616 {4	In2306	ppm	0.0031	0.0003	8.752	0.0033	0.0029
Cr2677	267.716 {1	Y_3600	ppm	0.0122	0.0002	1.915	0.012	0.0124
Cu3247	324.754 {1	Y_3600	ppm	0.0063	0.0002	3.525	0.0065	0.0062
Fe2404	240.488 {1	In2306	ppm	5.01	0.3834	7.652	4.738	5.281
K_7664	766.490 { 4	Y_3710	ppm	1.774	0.0409	2.305	1.803	1.745
K_7698	769.896 { 4	Y_3710	ppm	1.856	0.0189	1.016	1.843	1.869
Li6707	670.784 { 5	Y_3710	ppm	0.0143	0.0005	3.458	0.0146	0.0139
Mg2790	279.079 {1	Y_3710	ppm	6.384	0.0836	1.309	6.325	6.444
Mn2576	257.610 {1	Y_3600	ppm	0.135	0.0005	0.3946	0.1347	0.1354
Mn2576-2	257.610 {1	Y_3710	ppm	0.1397	0.0004	0.3113	0.1394	0.14
Mo2020	202.030 {4	Y_2243	ppm	0.0055	0.0002	3.601	0.0054	0.0057
Na5895	589.592 { 5	Y_3710	ppm	63.35	0.9876	1.559	64.04	62.65
Na8183	818.326 { 4	Y_3710	ppm	64.14	0.4643	0.7239	64.46	63.81
Ni2316	231.604 {4	In2306	ppm	0.0051	0.0001	1.149	0.0052	0.0051
P_1782	178.284 {4	In2306	ppm	0.059	0.0014	2.296	0.0599	0.058
Pb2203	220.353 {4	In2306	ppm	0.0015	0.0005	32.13	0.0018	0.0011
S_1820	182.034 {4	Y_2243	ppm	-56080	49.75	0.0887	-56050	-56120
Sb2068	206.833 {4	Y_2243	ppm	-0.0023	0.0014	61	-0.0013	-0.0033
Se1960	196.090 {4	Y_2243	ppm	0.0096	0.0006	6.216	0.0101	0.0092
Si2516	251.611 {1	Y_3710	ppm	19.7	0.2142	1.087	19.85	19.55
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	15.04	0.0005	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.1824	0.0011	0.6215	0.1832	0.1816
Ti3349	334.904 {1	Y_3600	ppm	0.0347	0.0004	1.256	0.035	0.0344
Tl1908	190.856 {4	In2306	ppm	-0.0012	0.0004	30.19	-0.001	-0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0107	0	0.2054	0.0107	0.0107
Zn2062	206.200 {4	In2306	ppm	0.0401	0.0006	1.437	0.0405	0.0396

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.257	2.59	6.5974	41.089	37.426
In2306	230.606 {4	Cts/S	8700.5	15.829	0.18194	8711.7	8689.3
Y_2243	224.306 {4	Cts/S	10852	50.326	0.46373	10888	10817
Y_3600	360.073 { 9	Cts/S	100370	408.13	0.4066	100660	100090
Y_3710	371.030 { 9	Cts/S	6186.8	49.547	0.80086	6151.7	6221.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0004	278.8	0.0001	-0.0004
Al3082	308.215	{1	In2306	ppm	0.0237	0.0698	294.5	-0.0256	0.073
As1890	189.042	{4	Y_2243	ppm	0.0003	0.0014	430.7	0.0013	-0.0006
B_2496	249.678	{1	Y_3710	ppm	0.0798	0.0095	11.93	0.0865	0.0731
Ba4554	455.403	{ 7	Y_3710	ppm	0.4536	0.003	0.6716	0.4557	0.4514
Be3130	313.042	{1	Y_3710	ppm	0	0.0003	620	0.0002	-0.0002
Ca3158	315.887	{1	In2306	ppm	106.8	1.506	1.41	105.8	107.9
Ca3181	318.128	{1	In2306	ppm	106.4	1.604	1.508	105.3	107.5
Cd2288	228.802	{4	Y_2243	ppm	0	0.0001	222.7	0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0004	0.0002	60.71	0.0002	0.0006
Cr2677	267.716	{1	Y_3600	ppm	0.0006	0.0001	10.51	0.0005	0.0006
Cu3247	324.754	{1	Y_3600	ppm	0.003	0.0001	4.101	0.0031	0.0029
Fe2404	240.488	{1	In2306	ppm	0.2078	0.0155	7.464	0.2188	0.1968
K_7664	766.490	{ 4	Y_3710	ppm	0.9282	0.0089	0.9588	0.9345	0.9219
K_7698	769.896	{ 4	Y_3710	ppm	0.9561	0.0226	2.36	0.9721	0.9402
Li6707	670.784	{ 5	Y_3710	ppm	0.0116	0.0002	1.666	0.0117	0.0114
Mg2790	279.079	{1	Y_3710	ppm	4.489	0.023	0.5117	4.506	4.473
Mn2576	257.610	{1	Y_3600	ppm	0.1288	0.001	0.7859	0.1295	0.1281
Mn2576-2	257.610	{1	Y_3710	ppm	0.1286	0.0003	0.2567	0.1288	0.1284
Mo2020	202.030	{4	Y_2243	ppm	0.0043	0	0.0836	0.0043	0.0043
Na5895	589.592	{ 5	Y_3710	ppm	53.26	0.8414	1.58	53.86	52.67
Na8183	818.326	{ 4	Y_3710	ppm	54.16	0.4704	0.8685	54.49	53.83
Ni2316	231.604	{4	In2306	ppm	0.0006	0.0001	8.769	0.0006	0.0005
P_1782	178.284	{4	In2306	ppm	0.0084	0.0004	5.198	0.0087	0.0081
Pb2203	220.353	{4	In2306	ppm	-0.0003	0.0001	42.19	-0.0004	-0.0002
S_1820	182.034	{4	Y_2243	ppm	-43450	232.9	0.5359	-43610	-43290
Sb2068	206.833	{4	Y_2243	ppm	-0.0011	0.0008	68.93	-0.0016	-0.0006
Se1960	196.090	{4	Y_2243	ppm	0.0001	0.0004	344.8	-0.0002	0.0004
Si2516	251.611	{1	Y_3710	ppm	9.995	0.0672	0.6722	10.04	9.947
Sn1899	189.989	{4	In2306	ppm	-0.0001	0.0002	181.4	-0.0003	0
Sr4215	421.552	{ 8	Y_3710	ppm	0.1017	0.0006	0.6232	0.1022	0.1013
Ti3349	334.904	{1	Y_3600	ppm	0.0009	0.0001	15.15	0.0008	0.001
Tl1908	190.856	{4	In2306	ppm	-0.0011	0.0016	142.9	0	-0.0022
V_2924	292.402	{1	Y_3600	ppm	0.001	0.0004	38	0.0007	0.0013
Zn2062	206.200	{4	In2306	ppm	0.0096	0	0.4227	0.0096	0.0096

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	38.964	0.44317	1.1374	39.278	38.651
In2306	230.606	{4	Cts/S	8915.3	23.768	0.2666	8898.5	8932.2
Y_2243	224.306	{4	Cts/S	10799	39.483	0.36562	10771	10827
Y_3600	360.073	{ 9	Cts/S	100860	700.44	0.69448	100360	101350
Y_3710	371.030	{ 9	Cts/S	6363.2	54.603	0.85811	6324.6	6401.8

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:38:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0002	293.9	-0.0002	0.0001
Al3082	308.215	{1	In2306	ppm	2.513	0.0694	2.761	2.464	2.562
As1890	189.042	{4	Y_2243	ppm	0.0009	0.0011	118.1	0.0001	0.0016
B_2496	249.678	{1	Y_3710	ppm	0.089	0.0057	6.405	0.085	0.0931
Ba4554	455.403	{ 7	Y_3710	ppm	0.5215	0.0028	0.5465	0.5235	0.5195
Be3130	313.042	{1	Y_3710	ppm	0.0004	0.0001	18.49	0.0004	0.0003
Ca3158	315.887	{1	In2306	ppm	103.2	2.941	2.85	101.1	105.3
Ca3181	318.128	{1	In2306	ppm	102.4	2.832	2.767	100.4	104.4
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0	43.16	0	0.0001
Co2286	228.616	{4	In2306	ppm	0.0018	0.0001	5.266	0.0019	0.0018
Cr2677	267.716	{1	Y_3600	ppm	0.006	0.0001	2.284	0.0059	0.0061
Cu3247	324.754	{1	Y_3600	ppm	0.0051	0.0001	2.106	0.0052	0.005
Fe2404	240.488	{1	In2306	ppm	1.953	0.0321	1.646	1.93	1.976
K_7664	766.490	{ 4	Y_3710	ppm	1.513	0.0175	1.154	1.525	1.5
K_7698	769.896	{ 4	Y_3710	ppm	1.521	0.0046	0.3031	1.525	1.518
Li6707	670.784	{ 5	Y_3710	ppm	0.0146	0.0006	4.124	0.015	0.0142
Mg2790	279.079	{1	Y_3710	ppm	4.567	0.0612	1.339	4.61	4.524
Mn2576	257.610	{1	Y_3600	ppm	0.1677	0.001	0.6051	0.167	0.1684
Mn2576-2	257.610	{1	Y_3710	ppm	0.1737	0.0038	2.187	0.1764	0.171
Mo2020	202.030	{4	Y_2243	ppm	0.0054	0.0003	5.221	0.0056	0.0052
Na5895	589.592	{ 5	Y_3710	ppm	54.38	0.0657	0.1209	54.43	54.33
Na8183	818.326	{ 4	Y_3710	ppm	54.21	0.0807	0.1488	54.26	54.15
Ni2316	231.604	{4	In2306	ppm	0.0038	0.0001	1.633	0.0038	0.0037
P_1782	178.284	{4	In2306	ppm	0.0436	0.0005	1.112	0.044	0.0433
Pb2203	220.353	{4	In2306	ppm	0.0015	0.0008	51.85	0.002	0.0009
S_1820	182.034	{4	Y_2243	ppm	-43200	1107	2.562	-43990	-42420
Sb2068	206.833	{4	Y_2243	ppm	-0.0015	0.0001	4.181	-0.0016	-0.0015
Se1960	196.090	{4	Y_2243	ppm	0.0017	0.0011	65.2	0.0024	0.0009
Si2516	251.611	{1	Y_3710	ppm	14.96	0.2078	1.389	15.11	14.82
Sn1899	189.989	{4	In2306	ppm	0.0002	0.0001	55.5	0.0003	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	0.1004	0.0006	0.6115	0.1008	0.1
Ti3349	334.904	{1	Y_3600	ppm	0.0161	0.0002	1.407	0.0162	0.0159
Tl1908	190.856	{4	In2306	ppm	-0.0014	0.0021	153.6	0.0001	-0.0029
V_2924	292.402	{1	Y_3600	ppm	0.0051	0	0.9253	0.0051	0.0051
Zn2062	206.200	{4	In2306	ppm	0.0228	0.0008	3.617	0.0234	0.0222

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	40.935	1.494	3.6496	41.992	39.879
In2306	230.606	{4	Cts/S	8730.1	206.76	2.3683	8583.9	8876.3
Y_2243	224.306	{4	Cts/S	10675	243.25	2.2788	10503	10847
Y_3600	360.073	{ 9	Cts/S	102160	304.86	0.29842	102370	101940
Y_3710	371.030	{ 9	Cts/S	6255.3	55.779	0.89171	6215.8	6294.7

[Sample Header]

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:41:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0005	0.0001	15.93	0.0005	0.0006
Al3082	308.215	{1	In2306	ppm	0.0233	0.0354	151.6	-0.0017	0.0483
As1890	189.042	{4	Y_2243	ppm	0.0001	0.0007	515.1	-0.0004	0.0006
B_2496	249.678	{1	Y_3710	ppm	0.0681	0.0013	1.924	0.0672	0.069
Ba4554	455.403	{ 7	Y_3710	ppm	0.432	0.0328	7.599	0.4088	0.4552
Be3130	313.042	{1	Y_3710	ppm	0.0002	0	6.52	0.0002	0.0002
Ca3158	315.887	{1	In2306	ppm	108.8	11.42	10.5	100.7	116.9
Ca3181	318.128	{1	In2306	ppm	107.8	11.28	10.46	99.82	115.8
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0.0001	38.54	0.0002	0.0001
Co2286	228.616	{4	In2306	ppm	0.0008	0.0002	22.08	0.0006	0.0009
Cr2677	267.716	{1	Y_3600	ppm	0.0011	0.0003	25.12	0.0013	0.0009
Cu3247	324.754	{1	Y_3600	ppm	0.0036	0.0004	11.23	0.0033	0.0039
Fe2404	240.488	{1	In2306	ppm	0.177	0.0024	1.377	0.1787	0.1753
K_7664	766.490	{ 4	Y_3710	ppm	1.189	0.0842	7.082	1.13	1.249
K_7698	769.896	{ 4	Y_3710	ppm	1.173	0.0872	7.433	1.111	1.234
Li6707	670.784	{ 5	Y_3710	ppm	0.0169	0.0013	7.436	0.016	0.0178
Mg2790	279.079	{1	Y_3710	ppm	5.931	0.4864	8.201	5.587	6.275
Mn2576	257.610	{1	Y_3600	ppm	0.0569	0.0005	0.8734	0.0573	0.0565
Mn2576-2	257.610	{1	Y_3710	ppm	0.0589	0.0038	6.401	0.0563	0.0616
Mo2020	202.030	{4	Y_2243	ppm	0.0023	0.0002	7.393	0.0022	0.0024
Na5895	589.592	{ 5	Y_3710	ppm	116.7	9.314	7.98	110.1	123.3
Na8183	818.326	{ 4	Y_3710	ppm	124.9	8.737	6.993	118.8	131.1
Ni2316	231.604	{4	In2306	ppm	0.0008	0.0002	20.22	0.0007	0.0009
P_1782	178.284	{4	In2306	ppm	0.0143	0.0003	1.831	0.0141	0.0144
Pb2203	220.353	{4	In2306	ppm	-0.0003	0.0004	131.5	-0.0006	0
S_1820	182.034	{4	Y_2243	ppm	-46670	27.41	0.0587	-46690	-46650
Sb2068	206.833	{4	Y_2243	ppm	-0.0021	0.0001	5.357	-0.002	-0.0022
Se1960	196.090	{4	Y_2243	ppm	0.0016	0.0007	40.76	0.0011	0.0021
Si2516	251.611	{1	Y_3710	ppm	11.96	0.9059	7.576	11.32	12.6
Sn1899	189.989	{4	In2306	ppm	-0.0001	0.0001	76.46	-0.0002	0
Sr4215	421.552	{ 8	Y_3710	ppm	0.1598	0.0122	7.66	0.1511	0.1684
Ti3349	334.904	{1	Y_3600	ppm	0.001	0.0002	18.35	0.0011	0.0009
Tl1908	190.856	{4	In2306	ppm	-0.0025	0.0008	33.82	-0.0031	-0.0019
V_2924	292.402	{1	Y_3600	ppm	0.0017	0.0003	16.67	0.0019	0.0015
Zn2062	206.200	{4	In2306	ppm	0.0071	0.0002	2.747	0.007	0.0072

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	40.289	3.3381	8.2853	42.649	37.929
In2306	230.606	{4	Cts/S	8604.6	35.09	0.40781	8629.4	8579.8
Y_2243	224.306	{4	Cts/S	10561	49.411	0.46786	10596	10526
Y_3600	360.073	{ 9	Cts/S	97140	435.52	0.44835	96832	97448
Y_3710	371.030	{ 9	Cts/S	6310.1	356.43	5.6486	6562.1	6058.1

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:44:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.0002	183.2	0	0.0003
Al3082	308.215	{1	In2306	ppm	0.985	0.0052	0.5232	0.9814	0.9887
As1890	189.042	{4	Y_2243	ppm	0.0015	0.0001	4.19	0.0016	0.0015
B_2496	249.678	{1	Y_3710	ppm	0.0779	0.0163	20.89	0.0894	0.0664
Ba4554	455.403	{ 7	Y_3710	ppm	0.4331	0.002	0.4518	0.4317	0.4345
Be3130	313.042	{1	Y_3710	ppm	0.0002	0.0001	46.63	0.0003	0.0002
Ca3158	315.887	{1	In2306	ppm	114.5	3.349	2.924	116.9	112.2
Ca3181	318.128	{1	In2306	ppm	113.5	3.217	2.835	115.7	111.2
Cd2288	228.802	{4	Y_2243	ppm	0	0	109.5	0	0.0001
Co2286	228.616	{4	In2306	ppm	0.0009	0.0001	8.602	0.001	0.0009
Cr2677	267.716	{1	Y_3600	ppm	0.0029	0	0.3205	0.0029	0.0029
Cu3247	324.754	{1	Y_3600	ppm	0.0045	0.0001	1.168	0.0045	0.0046
Fe2404	240.488	{1	In2306	ppm	1.222	0.0167	1.369	1.234	1.21
K_7664	766.490	{ 4	Y_3710	ppm	1.343	0.005	0.3754	1.346	1.339
K_7698	769.896	{ 4	Y_3710	ppm	1.332	0.0504	3.786	1.368	1.296
Li6707	670.784	{ 5	Y_3710	ppm	0.0175	0.0003	1.504	0.0173	0.0177
Mg2790	279.079	{1	Y_3710	ppm	6.004	0.0207	0.3447	6.019	5.99
Mn2576	257.610	{1	Y_3600	ppm	0.0614	0.0005	0.7779	0.061	0.0617
Mn2576-2	257.610	{1	Y_3710	ppm	0.0591	0.0003	0.5116	0.0593	0.0589
Mo2020	202.030	{4	Y_2243	ppm	0.002	0.0001	3.07	0.002	0.0021
Na5895	589.592	{ 5	Y_3710	ppm	116.8	1.083	0.9274	116	117.5
Na8183	818.326	{ 4	Y_3710	ppm	125.6	0.0831	0.0661	125.5	125.6
Ni2316	231.604	{4	In2306	ppm	0.0019	0.0002	10.19	0.0018	0.002
P_1782	178.284	{4	In2306	ppm	0.0331	0.0016	4.82	0.0342	0.032
Pb2203	220.353	{4	In2306	ppm	-0.0011	0.0001	9.524	-0.001	-0.0012
S_1820	182.034	{4	Y_2243	ppm	-47340	934.7	1.974	-48010	-46680
Sb2068	206.833	{4	Y_2243	ppm	-0.0025	0.0024	94.02	-0.0042	-0.0008
Se1960	196.090	{4	Y_2243	ppm	0.0023	0.0006	27.95	0.0028	0.0019
Si2516	251.611	{1	Y_3710	ppm	13.56	0.1016	0.749	13.63	13.49
Sn1899	189.989	{4	In2306	ppm	0.0001	0.0004	509.1	-0.0002	0.0004
Sr4215	421.552	{ 8	Y_3710	ppm	0.1579	0.0005	0.3388	0.1583	0.1576
Ti3349	334.904	{1	Y_3600	ppm	0.0091	0.0005	5.519	0.0087	0.0094
Tl1908	190.856	{4	In2306	ppm	-0.0011	0.0006	49.72	-0.0015	-0.0007
V_2924	292.402	{1	Y_3600	ppm	0.004	0	0.3618	0.004	0.004
Zn2062	206.200	{4	In2306	ppm	0.0316	0.0005	1.73	0.032	0.0312

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	38.861	1.1751	3.0238	38.03	39.692
In2306	230.606	{4	Cts/S	8560	68.125	0.79585	8511.8	8608.1
Y_2243	224.306	{4	Cts/S	10602	92.819	0.87549	10536	10668
Y_3600	360.073	{ 9	Cts/S	97586	581.07	0.59544	97997	97175
Y_3710	371.030	{ 9	Cts/S	6439.4	23.067	0.35822	6423.1	6455.7

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:47:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.0002	54.07	0.0002	0.0005
Al3082	308.215	{1	In2306	ppm	0.0564	0.0287	50.86	0.0766	0.0361
As1890	189.042	{4	Y_2243	ppm	0.0007	0.0004	62.35	0.001	0.0004
B_2496	249.678	{1	Y_3710	ppm	-0.0064	0.0046	72.36	-0.0031	-0.0096
Ba4554	455.403	{ 7	Y_3710	ppm	0.001	0.0002	15.01	0.0011	0.0009
Be3130	313.042	{1	Y_3710	ppm	0.0001	0	28.49	0	0.0001
Ca3158	315.887	{1	In2306	ppm	0.5564	0.0239	4.295	0.5395	0.5733
Ca3181	318.128	{1	In2306	ppm	0.6632	0.0125	1.884	0.6544	0.672
Cd2288	228.802	{4	Y_2243	ppm	0	0.0001	3042	0.0001	-0.0001
Co2286	228.616	{4	In2306	ppm	-0.0001	0	57.39	-0.0001	0
Cr2677	267.716	{1	Y_3600	ppm	0.0012	0.0003	21.3	0.001	0.0014
Cu3247	324.754	{1	Y_3600	ppm	0.0008	0.0003	32.91	0.0009	0.0006
Fe2404	240.488	{1	In2306	ppm	0.0505	0.0097	19.13	0.0437	0.0574
K_7664	766.490	{ 4	Y_3710	ppm	0.0953	0.0066	6.899	0.1	0.0907
K_7698	769.896	{ 4	Y_3710	ppm	0.0838	0.0023	2.779	0.0854	0.0822
Li6707	670.784	{ 5	Y_3710	ppm	0	0.0001	339.5	-0.0001	0.0001
Mg2790	279.079	{1	Y_3710	ppm	-0.0047	0.0418	885.4	-0.0343	0.0248
Mn2576	257.610	{1	Y_3600	ppm	0.0024	0	0.5931	0.0024	0.0024
Mn2576-2	257.610	{1	Y_3710	ppm	0.0036	0.0001	3.894	0.0036	0.0035
Mo2020	202.030	{4	Y_2243	ppm	0.0005	0.0001	25.13	0.0006	0.0004
Na5895	589.592	{ 5	Y_3710	ppm	0.1258	0.0087	6.903	0.1319	0.1196
Na8183	818.326	{ 4	Y_3710	ppm	-0.02	0.0675	338	0.0278	-0.0677
Ni2316	231.604	{4	In2306	ppm	0.0007	0.0002	37.24	0.0008	0.0005
P_1782	178.284	{4	In2306	ppm	0.005	0.0002	4.454	0.0051	0.0048
Pb2203	220.353	{4	In2306	ppm	0	0.0001	275.6	0	-0.0001
S_1820	182.034	{4	Y_2243	ppm	-572.7	304.1	53.09	-357.8	-787.7
Sb2068	206.833	{4	Y_2243	ppm	-0.0009	0.0005	52.73	-0.0006	-0.0013
Se1960	196.090	{4	Y_2243	ppm	-0.0001	0.0004	397.4	-0.0004	0.0002
Si2516	251.611	{1	Y_3710	ppm	0.1973	0.0259	13.14	0.179	0.2157
Sn1899	189.989	{4	In2306	ppm	0.0024	0	0.2716	0.0024	0.0024
Sr4215	421.552	{ 8	Y_3710	ppm	0.0026	0.0001	1.996	0.0026	0.0026
Ti3349	334.904	{1	Y_3600	ppm	0.0018	0.0003	15.89	0.002	0.0016
Tl1908	190.856	{4	In2306	ppm	-0.0014	0.0006	40.28	-0.001	-0.0018
V_2924	292.402	{1	Y_3600	ppm	0.0003	0.0001	47.1	0.0002	0.0004
Zn2062	206.200	{4	In2306	ppm	0.0032	0.0002	5.635	0.0031	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	39.628	0.69563	1.7554	40.12	39.136
In2306	230.606	{4	Cts/S	10079	143.85	1.4273	9977.2	10181
Y_2243	224.306	{4	Cts/S	11611	229.36	1.9754	11448	11773
Y_3600	360.073	{ 9	Cts/S	107090	961.18	0.89752	106410	107770

Y_3710	371.030 { 9	Cts/S	6382.2	6.8993	0.1081	6387.1	6377.3	

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Custom ID3=
Run Time=1/16/2012 10:49:43
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	3.238	0.0002	0.0002
Al3082	308.215 {1	In2306	ppm	0.1121	0.0388	34.61	0.0846	0.1395
As1890	189.042 {4	Y_2243	ppm	0.0014	0.0018	129.8	0.0027	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0038	0.0002	5.767	0.0037	0.004
Ba4554	455.403 { 7	Y_3710	ppm	0.0016	0.0005	27.76	0.002	0.0013
Be3130	313.042 {1	Y_3710	ppm	0	0	2.895	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.5619	0.019	3.374	0.5485	0.5753
Ca3181	318.128 {1	In2306	ppm	0.6042	0.0933	15.45	0.5382	0.6702
Cd2288	228.802 {4	Y_2243	ppm	0	0	423.2	0	0
Co2286	228.616 {4	In2306	ppm	-0.0001	0	0.8031	-0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0.0004	37.97	0.0014	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0003	0	0.6508	0.0003	0.0003
Fe2404	240.488 {1	In2306	ppm	0.0326	0.005	15.17	0.0361	0.0291
K_7664	766.490 { 4	Y_3710	ppm	0.0434	0.0018	4.223	0.0421	0.0447
K_7698	769.896 { 4	Y_3710	ppm	0.0967	0.0213	22.03	0.1117	0.0816
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0005	199.2	0.0006	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0297	0.0122	41.1	-0.0384	-0.0211
Mn2576	257.610 {1	Y_3600	ppm	0.003	0.0001	2.038	0.003	0.0029
Mn2576-2	257.610 {1	Y_3710	ppm	0.0036	0.0003	8.437	0.0033	0.0038
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0.0001	12.38	0.0007	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.1034	0.0003	0.2888	0.1032	0.1037
Na8183	818.326 { 4	Y_3710	ppm	0.0013	0.0563	4232	0.0412	-0.0385
Ni2316	231.604 {4	In2306	ppm	0.0011	0.0003	29.89	0.0009	0.0013
P_1782	178.284 {4	In2306	ppm	0.0058	0.0006	11.25	0.0062	0.0053
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0001	68.68	-0.0001	-0.0002
S_1820	182.034 {4	Y_2243	ppm	-336.5	3.689	1.096	-333.9	-339.1
Sb2068	206.833 {4	Y_2243	ppm	0	0.0018	5445	0.0013	-0.0012
Se1960	196.090 {4	Y_2243	ppm	-0.0002	0.0012	589.3	-0.001	0.0006
Si2516	251.611 {1	Y_3710	ppm	0.1549	0.0168	10.86	0.143	0.1668
Sn1899	189.989 {4	In2306	ppm	0.0025	0.0002	7.984	0.0026	0.0024
Sr4215	421.552 { 8	Y_3710	ppm	0.0028	0.0001	2.565	0.0029	0.0028
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.001	45.34	0.0029	0.0015
Tl1908	190.856 {4	In2306	ppm	-0.0015	0.001	66.51	-0.0023	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0002	36.96	0.0007	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0034	0.0001	3.033	0.0033	0.0035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.537	0.11709	0.28883	40.62	40.455
In2306	230.606 {4	Cts/S	10015	68.646	0.68542	10064	9966.7
Y_2243	224.306 {4	Cts/S	11552	58.894	0.50983	11593	11510

Y_3600	360.073 { 9	Cts/S	107540	35.904	0.03339	107510	107560
Y_3710	371.030 { 9	Cts/S	6395.2	5.5457	0.08672	6399.2	6391.3

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 10:52:24
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4865	0.0034	0.6952	0.4841	0.4889
Al3082	308.215 {1	In2306	ppm	9.884	0.5997	6.068	9.46	10.31
As1890	189.042 {4	Y_2243	ppm	0.9485	0.0195	2.054	0.9622	0.9347
B_2496	249.678 {1	Y_3710	ppm	0.9553	0.0197	2.06	0.9414	0.9692
Ba4554	455.403 { 7	Y_3710	ppm	0.9662	0.0074	0.7658	0.961	0.9714
Be3130	313.042 {1	Y_3710	ppm	0.4888	0.0018	0.3655	0.4875	0.4901
Ca3158	315.887 {1	In2306	ppm	10.45	0.4127	3.951	10.15	10.74
Ca3181	318.128 {1	In2306	ppm	10.41	0.5269	5.062	10.04	10.78
Cd2288	228.802 {4	Y_2243	ppm	0.475	0.0094	1.974	0.4816	0.4683
Co2286	228.616 {4	In2306	ppm	0.9452	0.0213	2.257	0.9603	0.9301
Cr2677	267.716 {1	Y_3600	ppm	0.9652	0.0006	0.0636	0.9647	0.9656
Cu3247	324.754 {1	Y_3600	ppm	0.966	0.0064	0.6648	0.9614	0.9705
Fe2404	240.488 {1	In2306	ppm	10.01	0.5365	5.361	9.628	10.39
K_7664	766.490 { 4	Y_3710	ppm	10.36	0.0745	0.7189	10.31	10.42
K_7698	769.896 { 4	Y_3710	ppm	10.16	0.1198	1.178	10.08	10.25
Li6707	670.784 { 5	Y_3710	ppm	0.5082	0.0055	1.083	0.5043	0.5121
Mg2790	279.079 {1	Y_3710	ppm	9.735	0.0401	0.4121	9.707	9.764
Mn2576	257.610 {1	Y_3600	ppm	0.9549	0.0053	0.5505	0.9511	0.9586
Mn2576-2	257.610 {1	Y_3710	ppm	0.9554	0.0069	0.7235	0.9505	0.9602
Mo2020	202.030 {4	Y_2243	ppm	0.9711	0.0207	2.13	0.9858	0.9565
Na5895	589.592 { 5	Y_3710	ppm	10.26	0.0767	0.7477	10.21	10.32
Na8183	818.326 { 4	Y_3710	ppm	9.7	0.0773	0.7972	9.755	9.645
Ni2316	231.604 {4	In2306	ppm	0.9466	0.0235	2.48	0.9632	0.93
P_1782	178.284 {4	In2306	ppm	0.0054	0.0013	24.42	0.0063	0.0045
Pb2203	220.353 {4	In2306	ppm	0.9509	0.0213	2.236	0.9659	0.9358
S_1820	182.034 {4	Y_2243	ppm	-313.8	8.144	2.595	-319.6	-308.1
Sb2068	206.833 {4	Y_2243	ppm	0.9263	0.02	2.156	0.9404	0.9122
Se1960	196.090 {4	Y_2243	ppm	0.9678	0.017	1.756	0.9798	0.9558
Si2516	251.611 {1	Y_3710	ppm	1.046	0.0267	2.548	1.028	1.065
Sn1899	189.989 {4	In2306	ppm	0.9671	0.0228	2.357	0.9832	0.9509
Sr4215	421.552 { 8	Y_3710	ppm	0.4928	0.0045	0.9171	0.4896	0.496
Ti3349	334.904 {1	Y_3600	ppm	0.9709	0.0071	0.7292	0.9659	0.9759
Tl1908	190.856 {4	In2306	ppm	0.9662	0.0233	2.414	0.9826	0.9497
V_2924	292.402 {1	Y_3600	ppm	0.9636	0.011	1.138	0.9558	0.9713
Zn2062	206.200 {4	In2306	ppm	0.9482	0.0254	2.679	0.9662	0.9303

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.725	1.7663	4.4463	40.974	38.476
In2306	230.606 {4	Cts/S	9463.9	1.2184	0.01287	9463.1	9464.8

Y_2243	224.306 {4	Cts/S	11401	23.263	0.20404	11418	11385
Y_3600	360.073 { 9	Cts/S	104890	704.29	0.67146	105390	104390
Y_3710	371.030 { 9	Cts/S	6303	36.174	0.57392	6328.6	6277.4

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4775	0.0002	0.0332	0.4776	0.4774
Al3082	308.215 {1	In2306	ppm	9.39	0.4961	5.284	9.741	9.039
As1890	189.042 {4	Y_2243	ppm	0.9549	0.0046	0.4848	0.9582	0.9516
B_2496	249.678 {1	Y_3710	ppm	0.9686	0.0082	0.8483	0.9628	0.9744
Ba4554	455.403 { 7	Y_3710	ppm	0.9645	0.0016	0.1656	0.9634	0.9657
Be3130	313.042 {1	Y_3710	ppm	0.4887	0.0018	0.373	0.4874	0.49
Ca3158	315.887 {1	In2306	ppm	9.625	0.6209	6.451	10.06	9.186
Ca3181	318.128 {1	In2306	ppm	9.691	0.6693	6.906	10.16	9.217
Cd2288	228.802 {4	Y_2243	ppm	0.4777	0.0037	0.7834	0.4803	0.475
Co2286	228.616 {4	In2306	ppm	0.9466	0.0048	0.508	0.95	0.9432
Cr2677	267.716 {1	Y_3600	ppm	0.9525	0.0063	0.6644	0.957	0.948
Cu3247	324.754 {1	Y_3600	ppm	0.9637	0.0185	1.925	0.9505	0.9768
Fe2404	240.488 {1	In2306	ppm	9.211	0.5473	5.942	9.598	8.824
K_7664	766.490 { 4	Y_3710	ppm	10.65	0.0862	0.8093	10.59	10.71
K_7698	769.896 { 4	Y_3710	ppm	10.37	0.0036	0.035	10.37	10.37
Li6707	670.784 { 5	Y_3710	ppm	0.5275	0.0045	0.8617	0.5242	0.5307
Mg2790	279.079 {1	Y_3710	ppm	9.649	0.2337	2.422	9.814	9.484
Mn2576	257.610 {1	Y_3600	ppm	0.9372	0.0018	0.195	0.9385	0.936
Mn2576-2	257.610 {1	Y_3710	ppm	0.9445	0.0084	0.889	0.9504	0.9385
Mo2020	202.030 {4	Y_2243	ppm	0.9858	0.0063	0.6359	0.9902	0.9814
Na5895	589.592 { 5	Y_3710	ppm	10.58	0.0847	0.8005	10.52	10.64
Na8183	818.326 { 4	Y_3710	ppm	9.846	0.0806	0.8191	9.903	9.789
Ni2316	231.604 {4	In2306	ppm	0.947	0.0036	0.3785	0.9496	0.9445
P_1782	178.284 {4	In2306	ppm	0.0071	0.0001	1.488	0.007	0.0072
Pb2203	220.353 {4	In2306	ppm	0.9497	0.0047	0.4907	0.953	0.9464
S_1820	182.034 {4	Y_2243	ppm	-310.6	14.82	4.772	-321.1	-300.2
Sb2068	206.833 {4	Y_2243	ppm	0.9546	0.0075	0.7832	0.9599	0.9493
Se1960	196.090 {4	Y_2243	ppm	0.9717	0.0047	0.4838	0.975	0.9683
Si2516	251.611 {1	Y_3710	ppm	1.045	0.036	3.445	1.019	1.07
Sn1899	189.989 {4	In2306	ppm	0.9753	0.0034	0.3499	0.9777	0.9729
Sr4215	421.552 { 8	Y_3710	ppm	0.4916	0.0011	0.2177	0.4908	0.4923
Ti3349	334.904 {1	Y_3600	ppm	0.9686	0.0026	0.2681	0.9668	0.9705
Tl1908	190.856 {4	In2306	ppm	0.9766	0.004	0.4047	0.9794	0.9738
V_2924	292.402 {1	Y_3600	ppm	0.9599	0.0015	0.1593	0.9588	0.9609
Zn2062	206.200 {4	In2306	ppm	0.9472	0.0026	0.27	0.949	0.9454

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.719	2.3246	5.5722	40.075	43.363

In2306	230.606 {4	Cts/S	9478.1	41.184	0.43452	9449	9507.3
Y_2243	224.306 {4	Cts/S	11369	55.657	0.48953	11330	11409
Y_3600	360.073 { 9	Cts/S	105330	445.94	0.42339	105640	105010
Y_3710	371.030 { 9	Cts/S	6241.5	12.094	0.19377	6250	6232.9

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2514	0.0006	0.2523	0.2509	0.2518
Al3082	308.215 {1	In2306	ppm	2.41	0.0365	1.516	2.384	2.435
As1890	189.042 {4	Y_2243	ppm	0.5035	0.003	0.597	0.5014	0.5057
B_2496	249.678 {1	Y_3710	ppm	0.4781	0.0053	1.109	0.4818	0.4743
Ba4554	455.403 { 7	Y_3710	ppm	0.4914	0.0006	0.1226	0.4918	0.491
Be3130	313.042 {1	Y_3710	ppm	0.4945	0.0021	0.4215	0.4931	0.496
Ca3158	315.887 {1	In2306	ppm	12.8	0.2957	2.31	12.59	13.01
Ca3181	318.128 {1	In2306	ppm	12.61	0.3362	2.667	12.37	12.85
Cd2288	228.802 {4	Y_2243	ppm	0.4934	0.0025	0.5144	0.4952	0.4917
Co2286	228.616 {4	In2306	ppm	0.4952	0.003	0.6138	0.4974	0.4931
Cr2677	267.716 {1	Y_3600	ppm	0.4948	0.005	1.006	0.4913	0.4983
Cu3247	324.754 {1	Y_3600	ppm	0.4891	0.0005	0.1019	0.4887	0.4894
Fe2404	240.488 {1	In2306	ppm	2.544	0.0857	3.371	2.483	2.605
K_7664	766.490 { 4	Y_3710	ppm	12.6	0.0435	0.3451	12.63	12.57
K_7698	769.896 { 4	Y_3710	ppm	12.44	0.0698	0.5613	12.49	12.39
Li6707	670.784 { 5	Y_3710	ppm	0.491	0.0067	1.371	0.4957	0.4862
Mg2790	279.079 {1	Y_3710	ppm	4.848	0.029	0.5986	4.868	4.827
Mn2576	257.610 {1	Y_3600	ppm	0.501	0.0025	0.4989	0.4993	0.5028
Mn2576-2	257.610 {1	Y_3710	ppm	0.4824	0.0083	1.725	0.4883	0.4765
Mo2020	202.030 {4	Y_2243	ppm	0.5121	0.0012	0.2262	0.5112	0.5129
Na5895	589.592 { 5	Y_3710	ppm	12.4	0.0932	0.7518	12.46	12.33
Na8183	818.326 { 4	Y_3710	ppm	12.23	0.097	0.7931	12.3	12.16
Ni2316	231.604 {4	In2306	ppm	0.4973	0.0021	0.4309	0.4988	0.4958
P_1782	178.284 {4	In2306	ppm	-0.0001	0	20.44	-0.0002	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.495	0.0058	1.17	0.4991	0.4909
S_1820	182.034 {4	Y_2243	ppm	-5829	39	0.6691	-5856	-5801
Sb2068	206.833 {4	Y_2243	ppm	0.5045	0.0016	0.3214	0.5033	0.5056
Se1960	196.090 {4	Y_2243	ppm	0.5103	0.002	0.3845	0.5089	0.5117
Si2516	251.611 {1	Y_3710	ppm	0.8839	0.0184	2.081	0.8709	0.8969
Sn1899	189.989 {4	In2306	ppm	0.5068	0.0033	0.6595	0.5091	0.5044
Sr4215	421.552 { 8	Y_3710	ppm	0.2514	0.0004	0.1637	0.2511	0.2517
Ti3349	334.904 {1	Y_3600	ppm	0.5105	0.0015	0.2881	0.5095	0.5115
Tl1908	190.856 {4	In2306	ppm	0.5071	0.0006	0.1154	0.5075	0.5067
V_2924	292.402 {1	Y_3600	ppm	0.4928	0.0009	0.1798	0.4922	0.4934
Zn2062	206.200 {4	In2306	ppm	0.4961	0.0057	1.157	0.5002	0.492

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	40.444	0.64677	1.5992	40.901	39.987
In2306	230.606 {4	Cts/S	9531.9	13.79	0.14467	9522.2	9541.7
Y_2243	224.306 {4	Cts/S	11390	32.338	0.28391	11413	11367
Y_3600	360.073 { 9	Cts/S	104240	460.87	0.44214	104560	103910
Y_3710	371.030 { 9	Cts/S	6439.2	5.454	0.0847	6435.3	6443

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0054	0	0.2052	0.0054	0.0054
Al3082	308.215 {1	In2306	ppm	0.1002	0.0184	18.33	0.0872	0.1132
As1890	189.042 {4	Y_2243	ppm	0.0144	0.0066	45.9	0.0097	0.0191
B_2496	249.678 {1	Y_3710	ppm	0.001	0.0068	685.9	0.0058	-0.0038
Ba4554	455.403 { 7	Y_3710	ppm	0.0095	0.0001	1.07	0.0094	0.0095
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0001	1.182	0.0048	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1004	0.0138	13.7	0.0907	0.1102
Ca3181	318.128 {1	In2306	ppm	0.1662	0.0279	16.79	0.1859	0.1465
Cd2288	228.802 {4	Y_2243	ppm	0.01	0.0063	62.36	0.0056	0.0145
Co2286	228.616 {4	In2306	ppm	0.0152	0.0069	45.27	0.0103	0.02
Cr2677	267.716 {1	Y_3600	ppm	0.0102	0.0001	0.5768	0.0103	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0111	0.0002	1.844	0.0109	0.0112
Fe2404	240.488 {1	In2306	ppm	0.1015	0.0322	31.72	0.0788	0.1243
K_7664	766.490 { 4	Y_3710	ppm	0.5911	0.0104	1.753	0.5984	0.5838
K_7698	769.896 { 4	Y_3710	ppm	0.5908	0.0275	4.649	0.6102	0.5714
Li6707	670.784 { 5	Y_3710	ppm	0.0097	0.0011	10.91	0.0105	0.009
Mg2790	279.079 {1	Y_3710	ppm	0.0909	0.0557	61.32	0.0515	0.1303
Mn2576	257.610 {1	Y_3600	ppm	0.0105	0	0.0367	0.0105	0.0105
Mn2576-2	257.610 {1	Y_3710	ppm	0.0125	0.0008	6.718	0.0131	0.0119
Mo2020	202.030 {4	Y_2243	ppm	0.0181	0.0083	45.89	0.0122	0.024
Na5895	589.592 { 5	Y_3710	ppm	0.6011	0.0086	1.437	0.6072	0.5949
Na8183	818.326 { 4	Y_3710	ppm	0.4494	0.0332	7.391	0.4259	0.4729
Ni2316	231.604 {4	In2306	ppm	0.0155	0.007	45.03	0.0105	0.0204
P_1782	178.284 {4	In2306	ppm	0.0089	0.0014	15.45	0.0098	0.0079
Pb2203	220.353 {4	In2306	ppm	0.0142	0.005	35.01	0.0107	0.0177
S_1820	182.034 {4	Y_2243	ppm	-76.41	66.51	87.05	-29.38	-123.4
Sb2068	206.833 {4	Y_2243	ppm	0.0262	0.0069	26.23	0.0213	0.031
Se1960	196.090 {4	Y_2243	ppm	0.0144	0.0051	35.16	0.0108	0.018
Si2516	251.611 {1	Y_3710	ppm	-0.0036	0.0057	158.2	-0.0076	0.0004
Sn1899	189.989 {4	In2306	ppm	0.017	0.0081	47.68	0.0113	0.0228
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.5347	0.0049	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0114	0.0002	2.155	0.0116	0.0112
Tl1908	190.856 {4	In2306	ppm	0.0155	0.0078	50	0.01	0.021
V_2924	292.402 {1	Y_3600	ppm	0.0094	0.0005	5.423	0.0097	0.009
Zn2062	206.200 {4	In2306	ppm	0.015	0.0067	44.52	0.0103	0.0197

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	43.323	2.4521	5.6601	45.057	41.589
In2306	230.606 {4	Cts/S	9913.6	127.89	1.2901	10004	9823.1
Y_2243	224.306 {4	Cts/S	11454	132.11	1.1534	11547	11360
Y_3600	360.073 { 9	Cts/S	106020	31.856	0.03005	106040	106000
Y_3710	371.030 { 9	Cts/S	6508.2	35.908	0.55173	6482.9	6533.6

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0004	4922	-0.0003	0.0003
Al3082	308.215 {1	In2306	ppm	0.0731	0.0279	38.15	0.0534	0.0929
As1890	189.042 {4	Y_2243	ppm	0	0.0003	1184	-0.0002	0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.0045	0.0068	151.6	0.0003	-0.0093
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0004	177.7	0.0005	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	74.37	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0087	0.0231	265.4	0.025	-0.0076
Ca3181	318.128 {1	In2306	ppm	0.0302	0.0288	95.5	0.0506	0.0098
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	63.4	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0	0.0002	425.5	-0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	27.89	0.0003	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0007	0.0001	18.46	0.0008	0.0006
Fe2404	240.488 {1	In2306	ppm	0.0077	0.0059	76.28	0.0036	0.0119
K_7664	766.490 { 4	Y_3710	ppm	0.0487	0.0105	21.55	0.0562	0.0413
K_7698	769.896 { 4	Y_3710	ppm	0.1089	0.0218	19.96	0.1243	0.0936
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0002	103.4	0.0001	0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0556	0.0651	117.1	-0.0096	-0.1017
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	63.62	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0065	0.0078	119.1	0.0121	0.001
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0003	72.86	0.0002	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.0233	0.0016	7.046	0.0221	0.0244
Na8183	818.326 { 4	Y_3710	ppm	0.202	0.106	52.47	0.2769	0.1271
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	99.72	-0.0001	0
P_1782	178.284 {4	In2306	ppm	0	0.0003	572.1	0.0002	-0.0001
Pb2203	220.353 {4	In2306	ppm	-0.0008	0.0006	77.59	-0.0003	-0.0012
S_1820	182.034 {4	Y_2243	ppm	-11.64	8.487	72.89	-5.642	-17.64
Sb2068	206.833 {4	Y_2243	ppm	0.0037	0.0002	6.305	0.0038	0.0035
Se1960	196.090 {4	Y_2243	ppm	-0.0003	0.0003	94.44	-0.0005	-0.0001
Si2516	251.611 {1	Y_3710	ppm	-0.0144	0.0038	26.46	-0.0117	-0.0171
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0003	172.6	-0.0003	0
Sr4215	421.552 { 8	Y_3710	ppm	0	0	25.88	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0008	227.2	0.0009	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0001	0.001	1122	0.0008	-0.0006
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	274.8	-0.0001	0
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0002	245.9	0	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.529	2.7274	6.8997	41.458	37.601
In2306	230.606 {4	Cts/S	10019	69.597	0.69462	10069	9970.2
Y_2243	224.306 {4	Cts/S	11564	43.254	0.37404	11595	11534
Y_3600	360.073 { 9	Cts/S	106200	451.91	0.42555	105880	106510
Y_3710	371.030 { 9	Cts/S	6460.7	1.4142	0.02189	6461.7	6459.7

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Custom ID1=
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Custom ID3=
Run Time=1/16/2012 11:05:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	256.4	0.0003	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0098	0.0222	227.1	0.0059	-0.0255
As1890	189.042 {4	Y_2243	ppm	-0.0004	0.0014	378	0.0006	-0.0013
B_2496	249.678 {1	Y_3710	ppm	-0.0086	0.0002	2.005	-0.0085	-0.0087
Ba4554	455.403 { 7	Y_3710	ppm	0.0008	0.0001	11.81	0.0008	0.0009
Be3130	313.042 {1	Y_3710	ppm	0	0	38.03	0	0
Ca3158	315.887 {1	In2306	ppm	0.6046	0.0367	6.064	0.5787	0.6306
Ca3181	318.128 {1	In2306	ppm	0.6503	0.0724	11.14	0.5991	0.7016
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	26.24	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	-0.0003	0.0001	40.12	-0.0004	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	2858	0.0003	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0003	0.0003	93.65	0.0001	0.0006
Fe2404	240.488 {1	In2306	ppm	0.0566	0.0032	5.633	0.0544	0.0589
K_7664	766.490 { 4	Y_3710	ppm	7.827	0.2597	3.319	7.643	8.011
K_7698	769.896 { 4	Y_3710	ppm	7.766	0.2659	3.424	7.578	7.954
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0003	73.72	0.0006	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.054	0.1498	277.5	-0.0519	0.1599
Mn2576	257.610 {1	Y_3600	ppm	0.0015	0	0.5228	0.0015	0.0015
Mn2576-2	257.610 {1	Y_3710	ppm	0.0031	0.0011	35.4	0.0023	0.0038
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	240.7	0	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	24.71	0.81	3.278	24.14	25.29
Na8183	818.326 { 4	Y_3710	ppm	25.17	0.7464	2.965	24.64	25.7
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0002	113.8	-0.0003	0
P_1782	178.284 {4	In2306	ppm	0.1791	0.0017	0.9561	0.1779	0.1803
Pb2203	220.353 {4	In2306	ppm	-0.0004	0.0009	249.1	-0.001	0.0003
S_1820	182.034 {4	Y_2243	ppm	-31330	62.08	0.1982	-31370	-31280
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0018	292.6	-0.0007	0.0019
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0003	52.6	-0.0004	-0.0009
Si2516	251.611 {1	Y_3710	ppm	0.0651	0.0233	35.85	0.0816	0.0486
Sn1899	189.989 {4	In2306	ppm	-0.0003	0	7.687	-0.0003	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0036	0	0.7507	0.0036	0.0036
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0003	246.8	0.0004	-0.0001
Tl1908	190.856 {4	In2306	ppm	-0.0011	0.0007	63.94	-0.0006	-0.0016
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0	7.515	-0.0002	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0043	0.0001	1.568	0.0044	0.0043

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.901	1.0007	2.4467	41.608	40.193
In2306	230.606 {4	Cts/S	9612.3	52.615	0.54737	9649.5	9575.1
Y_2243	224.306 {4	Cts/S	11400	46.136	0.4047	11433	11367
Y_3600	360.073 { 9	Cts/S	104220	287.6	0.27596	104420	104010
Y_3710	371.030 { 9	Cts/S	6480.4	162.21	2.5032	6595.1	6365.7

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 11:07:49
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	59.75	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	2.239	0.2022	9.032	2.382	2.096
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0003	13.77	0.0018	0.0021
B_2496	249.678 {1	Y_3710	ppm	0.0041	0.0014	34.9	0.0031	0.0051
Ba4554	455.403 { 7	Y_3710	ppm	0.024	0.0002	0.7083	0.0239	0.0242
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	34.76	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	4.45	0.1796	4.036	4.577	4.323
Ca3181	318.128 {1	In2306	ppm	4.546	0.0803	1.766	4.603	4.49
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	6.254	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	27	0.0005	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0088	0.0002	2.838	0.0086	0.0089
Cu3247	324.754 {1	Y_3600	ppm	0.004	0.0001	2.221	0.004	0.0039
Fe2404	240.488 {1	In2306	ppm	1.546	0.0897	5.805	1.609	1.483
K_7664	766.490 { 4	Y_3710	ppm	4.701	0.0076	0.162	4.706	4.695
K_7698	769.896 { 4	Y_3710	ppm	4.634	0.0632	1.364	4.679	4.589
Li6707	670.784 { 5	Y_3710	ppm	0.0016	0	0.5357	0.0016	0.0016
Mg2790	279.079 {1	Y_3710	ppm	1.129	0.0002	0.0147	1.129	1.128
Mn2576	257.610 {1	Y_3600	ppm	0.0241	0.0006	2.293	0.0237	0.0245
Mn2576-2	257.610 {1	Y_3710	ppm	0.0253	0.0007	2.665	0.0258	0.0248
Mo2020	202.030 {4	Y_2243	ppm	0.0014	0	2.115	0.0014	0.0014
Na5895	589.592 { 5	Y_3710	ppm	1.576	0.0072	0.4539	1.581	1.571
Na8183	818.326 { 4	Y_3710	ppm	1.339	0.0074	0.5557	1.344	1.333
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0002	12.97	0.0013	0.0011
P_1782	178.284 {4	In2306	ppm	0.428	0.0054	1.258	0.4318	0.4242
Pb2203	220.353 {4	In2306	ppm	0.0043	0.0002	5.254	0.0045	0.0042
S_1820	182.034 {4	Y_2243	ppm	-4695	34.16	0.7275	-4720	-4671
Sb2068	206.833 {4	Y_2243	ppm	-0.0006	0.0014	233.6	-0.0016	0.0004
Se1960	196.090 {4	Y_2243	ppm	0	0.0009	3143	-0.0006	0.0006
Si2516	251.611 {1	Y_3710	ppm	4.835	0.0415	0.8585	4.865	4.806
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0004	162.5	0	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0125	0	0.3117	0.0126	0.0125
Ti3349	334.904 {1	Y_3600	ppm	0.0142	0.0001	0.5741	0.0141	0.0142
Tl1908	190.856 {4	In2306	ppm	0	0.0005	2564	0.0003	-0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0049	0.0001	1.799	0.005	0.0048

Zn2062	206.200 {4	In2306	ppm	0.0638	0.0007	1.053	0.0643	0.0633

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.369	1.603	3.8748	40.236	42.502
In2306	230.606 {4	Cts/S	9860.6	95.448	0.96797	9793.2	9928.1
Y_2243	224.306 {4	Cts/S	11519	141.46	1.2281	11419	11619
Y_3600	360.073 { 9	Cts/S	106980	1944.8	1.8179	108350	105600
Y_3710	371.030 { 9	Cts/S	6391.4	8.7757	0.13731	6385.2	6397.6

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 11:10:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0003	388.3	0.0001	-0.0003
Al3082	308.215 {1	In2306	ppm	0.9971	0.0251	2.517	1.015	0.9793
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0008	48.52	0.0021	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0143	0.0119	82.92	0.0227	0.0059
Ba4554	455.403 { 7	Y_3710	ppm	0.0746	0.0001	0.1655	0.0747	0.0745
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	268.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	12.97	0.143	1.102	12.87	13.07
Ca3181	318.128 {1	In2306	ppm	12.98	0.2313	1.782	12.82	13.14
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	109.6	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0	7.478	0.0004	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0068	0.0001	1.537	0.0067	0.0069
Cu3247	324.754 {1	Y_3600	ppm	0.0049	0.0005	9.394	0.0046	0.0052
Fe2404	240.488 {1	In2306	ppm	1.39	0.0017	0.1243	1.389	1.392
K_7664	766.490 { 4	Y_3710	ppm	1.743	0.0309	1.772	1.721	1.765
K_7698	769.896 { 4	Y_3710	ppm	1.758	0.019	1.081	1.744	1.771
Li6707	670.784 { 5	Y_3710	ppm	0.0015	0.0004	25.58	0.0018	0.0012
Mg2790	279.079 {1	Y_3710	ppm	1.029	0.0536	5.21	0.9911	1.067
Mn2576	257.610 {1	Y_3600	ppm	0.0165	0.0004	2.223	0.0168	0.0163
Mn2576-2	257.610 {1	Y_3710	ppm	0.0163	0.001	6.139	0.017	0.0156
Mo2020	202.030 {4	Y_2243	ppm	0.0029	0	1.273	0.0029	0.0028
Na5895	589.592 { 5	Y_3710	ppm	1.789	0.0168	0.9367	1.777	1.801
Na8183	818.326 { 4	Y_3710	ppm	1.605	0.1101	6.859	1.527	1.683
Ni2316	231.604 {4	In2306	ppm	0.0042	0.0001	3.134	0.0041	0.0043
P_1782	178.284 {4	In2306	ppm	0.2081	0.0011	0.5307	0.2073	0.2088
Pb2203	220.353 {4	In2306	ppm	0.0018	0.0002	10.1	0.0019	0.0017
S_1820	182.034 {4	Y_2243	ppm	-4499	26.41	0.5871	-4517	-4480
Sb2068	206.833 {4	Y_2243	ppm	-0.001	0.0001	8.764	-0.0009	-0.001
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0003	26.58	0.0008	0.0012
Si2516	251.611 {1	Y_3710	ppm	2.452	0.0247	1.008	2.435	2.47
Sn1899	189.989 {4	In2306	ppm	0	0	72.72	-0.0001	0
Sr4215	421.552 { 8	Y_3710	ppm	0.0249	0	0.1133	0.0249	0.0249
Ti3349	334.904 {1	Y_3600	ppm	0.0077	0.0003	3.89	0.0079	0.0075
Tl1908	190.856 {4	In2306	ppm	-0.0019	0.0006	33.63	-0.0014	-0.0023

V_2924	292.402 {1	Y_3600	ppm	0.003	0.0002	6.434	0.0029	0.0032
Zn2062	206.200 {4	In2306	ppm	0.21	0.0029	1.401	0.2121	0.2079

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.064	0.51396	1.3157	39.427	38.701
In2306	230.606 {4	Cts/S	9768.9	49.122	0.50284	9734.2	9803.6
Y_2243	224.306 {4	Cts/S	11387	45.235	0.39725	11355	11419
Y_3600	360.073 { 9	Cts/S	106500	605.62	0.56868	106070	106920
Y_3710	371.030 { 9	Cts/S	6346.5	32.088	0.50559	6369.2	6323.8

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0002	126.9	0.0003	0
Al3082	308.215 {1	In2306	ppm	1.826	0.1763	9.651	1.702	1.951
As1890	189.042 {4	Y_2243	ppm	0.0048	0.0001	2.804	0.0049	0.0047
B_2496	249.678 {1	Y_3710	ppm	0.05	0.0057	11.38	0.0459	0.054
Ba4554	455.403 { 7	Y_3710	ppm	0.0602	0.0009	1.418	0.0596	0.0608
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	17.69	0.0003	0.0002
Ca3158	315.887 {1	In2306	ppm	36.28	2.919	8.045	34.22	38.34
Ca3181	318.128 {1	In2306	ppm	35.8	2.982	8.33	33.69	37.91
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	5.687	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	41.21	0.0004	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0048	0.0002	4.829	0.0049	0.0046
Cu3247	324.754 {1	Y_3600	ppm	0.0084	0.0008	9.887	0.0078	0.009
Fe2404	240.488 {1	In2306	ppm	1.334	0.1385	10.38	1.236	1.432
K_7664	766.490 { 4	Y_3710	ppm	2.408	0.0507	2.106	2.372	2.444
K_7698	769.896 { 4	Y_3710	ppm	2.347	0.0508	2.164	2.311	2.382
Li6707	670.784 { 5	Y_3710	ppm	0.0036	0.0002	6.839	0.0038	0.0034
Mg2790	279.079 {1	Y_3710	ppm	2.718	0.0484	1.781	2.752	2.683
Mn2576	257.610 {1	Y_3600	ppm	0.0451	0.0011	2.549	0.0443	0.0459
Mn2576-2	257.610 {1	Y_3710	ppm	0.0456	0.0005	1.043	0.0452	0.0459
Mo2020	202.030 {4	Y_2243	ppm	0.0101	0.0001	0.7386	0.0102	0.0101
Na5895	589.592 { 5	Y_3710	ppm	12.41	0.2112	1.701	12.26	12.56
Na8183	818.326 { 4	Y_3710	ppm	12.02	0.2147	1.787	11.87	12.17
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0002	9.814	0.0015	0.0017
P_1782	178.284 {4	In2306	ppm	0.1857	0.001	0.5318	0.1864	0.185
Pb2203	220.353 {4	In2306	ppm	0.0509	0.0012	2.289	0.0517	0.0501
S_1820	182.034 {4	Y_2243	ppm	-111200	859.1	0.7724	-111800	-110600
Sb2068	206.833 {4	Y_2243	ppm	0.001	0.0012	113.8	0.0018	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0009	93.39	0.0003	0.0016
Si2516	251.611 {1	Y_3710	ppm	4.597	0.0491	1.069	4.562	4.631
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0004	73.52	0.0003	0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.1145	0.0011	0.9519	0.1138	0.1153
Ti3349	334.904 {1	Y_3600	ppm	0.0122	0.0001	0.8765	0.0121	0.0122

Tl1908	190.856 {4	In2306	ppm	-0.0011	0.0008	69.78	-0.0006	-0.0017
V_2924	292.402 {1	Y_3600	ppm	0.0069	0	0.5406	0.0069	0.0068
Zn2062	206.200 {4	In2306	ppm	0.8911	0.004	0.4516	0.8939	0.8882

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.512	3.0441	7.5139	42.665	38.36
In2306	230.606 {4	Cts/S	9418.6	40.245	0.42729	9390.1	9447
Y_2243	224.306 {4	Cts/S	11176	77.03	0.68923	11122	11231
Y_3600	360.073 { 9	Cts/S	104130	2215.1	2.1272	105700	102570
Y_3710	371.030 { 9	Cts/S	6375.3	66.274	1.0395	6422.1	6328.4

[Sample Header]
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Username=admin
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Custom ID2=
Custom ID3=
Run Time=1/16/2012 11:15:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	44.77	0.0002	0.0004
Al3082	308.215 {1	In2306	ppm	1.953	0.151	7.733	1.846	2.06
As1890	189.042 {4	Y_2243	ppm	0.0044	0.0011	24.84	0.0052	0.0036
B_2496	249.678 {1	Y_3710	ppm	0.2139	0.0034	1.582	0.2163	0.2115
Ba4554	455.403 { 7	Y_3710	ppm	0.1477	0.0007	0.4826	0.1472	0.1482
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	67.16	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	54.81	3.542	6.463	52.31	57.31
Ca3181	318.128 {1	In2306	ppm	54.24	3.441	6.345	51.81	56.67
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	91.84	0.0002	0
Co2286	228.616 {4	In2306	ppm	0.0004	0.0002	50.91	0.0005	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0037	0.0001	1.785	0.0038	0.0037
Cu3247	324.754 {1	Y_3600	ppm	0.0049	0.0004	8.564	0.0052	0.0046
Fe2404	240.488 {1	In2306	ppm	1.334	0.0562	4.21	1.294	1.374
K_7664	766.490 { 4	Y_3710	ppm	2.906	0.0163	0.561	2.918	2.895
K_7698	769.896 { 4	Y_3710	ppm	2.923	0.0234	0.8011	2.906	2.939
Li6707	670.784 { 5	Y_3710	ppm	0.0238	0.0001	0.6089	0.0239	0.0237
Mg2790	279.079 {1	Y_3710	ppm	16.94	0.2557	1.509	16.76	17.12
Mn2576	257.610 {1	Y_3600	ppm	0.0378	0.0005	1.229	0.0381	0.0375
Mn2576-2	257.610 {1	Y_3710	ppm	0.0396	0.0013	3.267	0.0406	0.0387
Mo2020	202.030 {4	Y_2243	ppm	0.0712	0.0017	2.333	0.0723	0.07
Na5895	589.592 { 5	Y_3710	ppm	80.85	0.516	0.6382	81.21	80.48
Na8183	818.326 { 4	Y_3710	ppm	83.21	0.4285	0.5149	82.91	83.51
Ni2316	231.604 {4	In2306	ppm	0.0108	0.0001	0.4854	0.0108	0.0108
P_1782	178.284 {4	In2306	ppm	0.0943	0.0013	1.367	0.0953	0.0934
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0014	165	-0.0001	0.0019
S_1820	182.034 {4	Y_2243	ppm	-111800	1396	1.25	-112700	-110800
Sb2068	206.833 {4	Y_2243	ppm	-0.0004	0.0009	231.1	-0.0011	0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0006	70.31	0.0004	0.0013
Si2516	251.611 {1	Y_3710	ppm	5.242	0.0683	1.303	5.194	5.29
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0008	619.6	-0.0007	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.2956	0.0008	0.258	0.295	0.2961

Ti3349	334.904 {1	Y_3600	ppm	0.0113	0.0004	3.543	0.011	0.0116
Tl1908	190.856 {4	In2306	ppm	-0.0014	0.0002	13.39	-0.0012	-0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0037	0.0001	2.834	0.0038	0.0037
Zn2062	206.200 {4	In2306	ppm	0.0493	0.0016	3.204	0.0482	0.0504

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	37.055	2.0745	5.5985	38.521	35.588
In2306	230.606 {4	Cts/S	8887.6	80.589	0.90676	8830.6	8944.6
Y_2243	224.306 {4	Cts/S	10951	77.701	0.70955	10896	11006
Y_3600	360.073 { 9	Cts/S	99771	495.76	0.4969	99421	100120
Y_3710	371.030 { 9	Cts/S	6397.9	21.529	0.3365	6413.1	6382.7

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 11:18:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	61.86	-0.0004	-0.0001
Al3082	308.215 {1	In2306	ppm	1.512	0.0477	3.153	1.546	1.478
As1890	189.042 {4	Y_2243	ppm	0.0032	0.0011	34.93	0.004	0.0024
B_2496	249.678 {1	Y_3710	ppm	0.2239	0.0016	0.7142	0.2228	0.225
Ba4554	455.403 { 7	Y_3710	ppm	0.1422	0.0003	0.225	0.1424	0.142
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	380.6	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	47.99	1.768	3.683	49.24	46.74
Ca3181	318.128 {1	In2306	ppm	47.44	1.38	2.91	48.41	46.46
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	81.85	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0	10.72	0.0005	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.003	0	1.084	0.003	0.003
Cu3247	324.754 {1	Y_3600	ppm	0.0044	0.0006	14.38	0.0048	0.0039
Fe2404	240.488 {1	In2306	ppm	0.9791	0.0373	3.812	1.006	0.9527
K_7664	766.490 { 4	Y_3710	ppm	2.862	0.0607	2.122	2.904	2.819
K_7698	769.896 { 4	Y_3710	ppm	2.834	0.0467	1.649	2.867	2.801
Li6707	670.784 { 5	Y_3710	ppm	0.0237	0.0003	1.131	0.0239	0.0236
Mg2790	279.079 {1	Y_3710	ppm	16.78	0.1643	0.9789	16.66	16.9
Mn2576	257.610 {1	Y_3600	ppm	0.0319	0.0007	2.231	0.0324	0.0314
Mn2576-2	257.610 {1	Y_3710	ppm	0.0337	0.0007	1.934	0.0333	0.0342
Mo2020	202.030 {4	Y_2243	ppm	0.0717	0.0002	0.311	0.0716	0.0719
Na5895	589.592 { 5	Y_3710	ppm	80.45	1.449	1.801	81.47	79.42
Na8183	818.326 { 4	Y_3710	ppm	82.42	0.3353	0.4068	82.65	82.18
Ni2316	231.604 {4	In2306	ppm	0.0108	0.0003	2.478	0.0109	0.0106
P_1782	178.284 {4	In2306	ppm	0.0716	0.0005	0.7264	0.072	0.0712
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	54.54	0.0003	0.0008
S_1820	182.034 {4	Y_2243	ppm	-111400	118	0.1059	-111500	-111300
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0	31.37	0.0001	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0019	0.0005	27.03	0.0022	0.0015
Si2516	251.611 {1	Y_3710	ppm	4.702	0.0572	1.218	4.661	4.742
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0002	90.18	-0.0003	-0.0001

Sr4215	421.552 {	8	Y_3710	ppm	0.2898	0.0004	0.1445	0.2895	0.2901
Ti3349	334.904 {1		Y_3600	ppm	0.0094	0.0002	2.117	0.0096	0.0093
Tl1908	190.856 {4		In2306	ppm	-0.001	0.001	103.2	-0.0017	-0.0003
V_2924	292.402 {1		Y_3600	ppm	0.0033	0.0002	6.406	0.0034	0.0031
Zn2062	206.200 {4		In2306	ppm	0.0155	0.0003	2.192	0.0153	0.0157

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.639	2.0579	5.0639	39.184	42.094
In2306	230.606 {4	Cts/S	8886.4	9.95	0.11197	8893.5	8879.4
Y_2243	224.306 {4	Cts/S	10974	6.597	0.06011	10969	10979
Y_3600	360.073 {	9	Cts/S	97825	2199	2.2479	96270	99380
Y_3710	371.030 {	9	Cts/S	6417	16.72	0.26056	6428.9	6405.2

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 11:20:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4966	0.0005	0.1042	0.4963	0.497
Al3082	308.215 {1	In2306	ppm	12.66	0.6265	4.949	12.22	13.1
As1890	189.042 {4	Y_2243	ppm	0.9927	0.0079	0.7971	0.9983	0.9871
B_2496	249.678 {1	Y_3710	ppm	2.195	0.0078	0.3569	2.19	2.201
Ba4554	455.403 {	7	Y_3710	ppm	1.061	0.0103	0.9754	1.054	1.068
Be3130	313.042 {1	Y_3710	ppm	0.4724	0.0039	0.83	0.4696	0.4751
Ca3158	315.887 {1	In2306	ppm	36.79	1.395	3.792	35.8	37.77
Ca3181	318.128 {1	In2306	ppm	36.46	0.7815	2.143	35.91	37.01
Cd2288	228.802 {4	Y_2243	ppm	0.4936	0.0105	2.132	0.501	0.4861
Co2286	228.616 {4	In2306	ppm	0.9809	0.0227	2.315	0.997	0.9649
Cr2677	267.716 {1	Y_3600	ppm	0.9793	0.0047	0.4772	0.976	0.9826
Cu3247	324.754 {1	Y_3600	ppm	1.578	0.0061	0.3858	1.582	1.574
Fe2404	240.488 {1	In2306	ppm	9.859	0.3858	3.913	9.586	10.13
K_7664	766.490 {	4	Y_3710	ppm	36.47	0.2163	0.5931	36.32	36.62
K_7698	769.896 {	4	Y_3710	ppm	37.21	0.2379	0.6393	37.04	37.38
Li6707	670.784 {	5	Y_3710	ppm	1.011	0.0079	0.7856	1.005	1.016
Mg2790	279.079 {1	Y_3710	ppm	16.14	0.1014	0.6286	16.07	16.21
Mn2576	257.610 {1	Y_3600	ppm	1.056	0.0049	0.4629	1.053	1.06
Mn2576-2	257.610 {1	Y_3710	ppm	1.041	0.0089	0.8593	1.035	1.048
Mo2020	202.030 {4	Y_2243	ppm	0.9618	0.0214	2.225	0.977	0.9467
Na5895	589.592 {	5	Y_3710	ppm	165.4	0.8839	0.5345	166	164.8
Na8183	818.326 {	4	Y_3710	ppm	175.4	1.341	0.7648	174.4	176.3
Ni2316	231.604 {4	In2306	ppm	1.131	0.0231	2.044	1.148	1.115
P_1782	178.284 {4	In2306	ppm	1.171	0.0225	1.92	1.187	1.155
Pb2203	220.353 {4	In2306	ppm	1.019	0.02	1.957	1.033	1.005
S_1820	182.034 {4	Y_2243	ppm	-429400	6106	1.422	-433800	-425100
Sb2068	206.833 {4	Y_2243	ppm	0.9649	0.0302	3.13	0.9863	0.9435
Se1960	196.090 {4	Y_2243	ppm	1.008	0.0124	1.23	1.017	0.9996
Si2516	251.611 {1	Y_3710	ppm	6.26	0.0048	0.0769	6.257	6.264

Sn1899	189.989 {4	In2306	ppm	1.024	0.0235	2.297	1.04	1.007
Sr4215	421.552 { 8	Y_3710	ppm	0.8656	0.0065	0.7525	0.861	0.8702
Ti3349	334.904 {1	Y_3600	ppm	0.9767	0.0005	0.0539	0.9763	0.977
Tl1908	190.856 {4	In2306	ppm	0.9493	0.0112	1.176	0.9571	0.9414
V_2924	292.402 {1	Y_3600	ppm	0.9929	0.003	0.2981	0.9908	0.995
Zn2062	206.200 {4	In2306	ppm	1.041	0.0236	2.269	1.057	1.024

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.419	1.3419	3.32	41.368	39.47
In2306	230.606 {4	Cts/S	8493.2	67.584	0.79575	8445.4	8541
Y_2243	224.306 {4	Cts/S	10789	49.539	0.45915	10754	10824
Y_3600	360.073 { 9	Cts/S	96896	27.107	0.02798	96916	96877
Y_3710	371.030 { 9	Cts/S	6388.3	31.17	0.48793	6410.3	6366.2

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 11:23:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	59.37	0.0002	0.0004
Al3082	308.215 {1	In2306	ppm	0.6349	0.0215	3.382	0.65	0.6197
As1890	189.042 {4	Y_2243	ppm	0.0021	0.0021	101.1	0.0006	0.0036
B_2496	249.678 {1	Y_3710	ppm	0.2493	0.0004	0.1743	0.2496	0.249
Ba4554	455.403 { 7	Y_3710	ppm	0.0229	0.0006	2.431	0.0225	0.0233
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	339.7	0	0.0001
Ca3158	315.887 {1	In2306	ppm	5.866	0.0545	0.9291	5.827	5.904
Ca3181	318.128 {1	In2306	ppm	5.811	0.023	0.3964	5.795	5.827
Cd2288	228.802 {4	Y_2243	ppm	0.0009	0.0011	119.2	0.0001	0.0017
Co2286	228.616 {4	In2306	ppm	0.002	0.0028	139.3	0	0.004
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0001	49.91	0.0004	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.1214	0.0008	0.6344	0.1219	0.1208
Fe2404	240.488 {1	In2306	ppm	0.0059	0.0273	459.7	0.0252	-0.0134
K_7664	766.490 { 4	Y_3710	ppm	5.435	0.0583	1.072	5.477	5.394
K_7698	769.896 { 4	Y_3710	ppm	5.459	0.0181	0.3311	5.472	5.446
Li6707	670.784 { 5	Y_3710	ppm	0.0044	0.0001	1.834	0.0044	0.0043
Mg2790	279.079 {1	Y_3710	ppm	1.377	0.0282	2.05	1.357	1.397
Mn2576	257.610 {1	Y_3600	ppm	0.0208	0.0002	0.8536	0.0209	0.0206
Mn2576-2	257.610 {1	Y_3710	ppm	0.0216	0.0024	11.01	0.0233	0.02
Mo2020	202.030 {4	Y_2243	ppm	0.0049	0.0034	68.56	0.0025	0.0073
Na5895	589.592 { 5	Y_3710	ppm	33.24	0.2289	0.6887	33.4	33.07
Na8183	818.326 { 4	Y_3710	ppm	33.57	0.1648	0.4911	33.45	33.68
Ni2316	231.604 {4	In2306	ppm	0.0324	0.0028	8.556	0.0305	0.0344
P_1782	178.284 {4	In2306	ppm	0.0243	0.0033	13.66	0.0219	0.0266
Pb2203	220.353 {4	In2306	ppm	0.0115	0.0027	23.7	0.0096	0.0135
S_1820	182.034 {4	Y_2243	ppm	-86220	492.1	0.5708	-85870	-86570
Sb2068	206.833 {4	Y_2243	ppm	0.0094	0.0038	39.77	0.0068	0.0121
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0015	73.78	0.001	0.0031

Si2516	251.611 {1	Y_3710	ppm	1.085	0.0259	2.39	1.066	1.103
Sn1899	189.989 {4	In2306	ppm	0.0122	0.0033	27.27	0.0099	0.0146
Sr4215	421.552 { 8	Y_3710	ppm	0.0811	0.0007	0.8131	0.0806	0.0815
Ti3349	334.904 {1	Y_3600	ppm	0.0019	0.0001	6.202	0.002	0.0018
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0003	48.48	-0.0007	-0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0001	6.824	0.0017	0.0015
Zn2062	206.200 {4	In2306	ppm	0.0102	0.0026	25.98	0.0083	0.012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.753	0.18716	0.47081	39.621	39.886
In2306	230.606 {4	Cts/S	9596.2	28.121	0.29304	9576.3	9616
Y_2243	224.306 {4	Cts/S	11587	6.3714	0.05499	11582	11591
Y_3600	360.073 { 9	Cts/S	102560	204.77	0.19966	102410	102700
Y_3710	371.030 { 9	Cts/S	6494.2	38.511	0.59301	6521.4	6467

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SampleName=CCV 766326
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 11:26:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2483	0.0007	0.2818	0.2478	0.2488
Al3082	308.215 {1	In2306	ppm	2.582	0.0072	0.2785	2.577	2.587
As1890	189.042 {4	Y_2243	ppm	0.4962	0.0053	1.069	0.4924	0.4999
B_2496	249.678 {1	Y_3710	ppm	0.5013	0.0072	1.438	0.4962	0.5064
Ba4554	455.403 { 7	Y_3710	ppm	0.4927	0.0023	0.4717	0.4943	0.491
Be3130	313.042 {1	Y_3710	ppm	0.5034	0.0044	0.8736	0.5065	0.5003
Ca3158	315.887 {1	In2306	ppm	13.14	0.1174	0.8931	13.06	13.23
Ca3181	318.128 {1	In2306	ppm	13.23	0.2123	1.605	13.08	13.38
Cd2288	228.802 {4	Y_2243	ppm	0.4948	0.0036	0.7267	0.4923	0.4974
Co2286	228.616 {4	In2306	ppm	0.4999	0.0033	0.6613	0.4975	0.5022
Cr2677	267.716 {1	Y_3600	ppm	0.507	0.0031	0.615	0.5048	0.5092
Cu3247	324.754 {1	Y_3600	ppm	0.4927	0.0009	0.1738	0.4933	0.4921
Fe2404	240.488 {1	In2306	ppm	2.617	0.0334	1.278	2.593	2.64
K_7664	766.490 { 4	Y_3710	ppm	12.22	0.2033	1.664	12.36	12.07
K_7698	769.896 { 4	Y_3710	ppm	12.35	0.1409	1.141	12.45	12.25
Li6707	670.784 { 5	Y_3710	ppm	0.4754	0.0077	1.612	0.4809	0.47
Mg2790	279.079 {1	Y_3710	ppm	5.035	0.0909	1.806	4.971	5.099
Mn2576	257.610 {1	Y_3600	ppm	0.502	0.0026	0.5083	0.5001	0.5038
Mn2576-2	257.610 {1	Y_3710	ppm	0.4933	0.0015	0.2998	0.4943	0.4922
Mo2020	202.030 {4	Y_2243	ppm	0.5037	0.0014	0.2682	0.5028	0.5047
Na5895	589.592 { 5	Y_3710	ppm	12.1	0.1827	1.511	12.22	11.97
Na8183	818.326 { 4	Y_3710	ppm	12.44	0.0812	0.6528	12.38	12.49
Ni2316	231.604 {4	In2306	ppm	0.4951	0.0045	0.9108	0.4919	0.4982
P_1782	178.284 {4	In2306	ppm	0.0001	0.0001	77.42	0	0.0002
Pb2203	220.353 {4	In2306	ppm	0.499	0.0062	1.252	0.4946	0.5034
S_1820	182.034 {4	Y_2243	ppm	-5886	178.8	3.038	-5759	-6012
Sb2068	206.833 {4	Y_2243	ppm	0.4797	0.0023	0.4793	0.4781	0.4813

Se1960	196.090 {4	Y_2243	ppm	0.5014	0.0055	1.097	0.4975	0.5053
Si2516	251.611 {1	Y_3710	ppm	0.8847	0.0395	4.47	0.8567	0.9127
Sn1899	189.989 {4	In2306	ppm	0.501	0.0036	0.7214	0.4985	0.5036
Sr4215	421.552 { 8	Y_3710	ppm	0.2505	0.0014	0.5591	0.2515	0.2495
Ti3349	334.904 {1	Y_3600	ppm	0.5084	0.0012	0.2435	0.5076	0.5093
Tl1908	190.856 {4	In2306	ppm	0.5043	0.0014	0.2846	0.5033	0.5053
V_2924	292.402 {1	Y_3600	ppm	0.513	0.0016	0.3048	0.5119	0.5141
Zn2062	206.200 {4	In2306	ppm	0.505	0.0035	0.6833	0.5026	0.5075

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.651	0.69454	1.7516	40.142	39.16
In2306	230.606 {4	Cts/S	9530	100.54	1.055	9601.1	9458.9
Y_2243	224.306 {4	Cts/S	11551	109.14	0.94484	11628	11474
Y_3600	360.073 { 9	Cts/S	103680	261.7	0.2524	103870	103500
Y_3710	371.030 { 9	Cts/S	6417.6	36.885	0.57475	6391.5	6443.7

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 11:28:36
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0049	0.0006	12.81	0.0044	0.0053
Al3082	308.215 {1	In2306	ppm	0.1369	0.0141	10.29	0.127	0.1469
As1890	189.042 {4	Y_2243	ppm	0.0108	0.002	18.25	0.0094	0.0122
B_2496	249.678 {1	Y_3710	ppm	0.0023	0.0045	195.5	-0.0009	0.0054
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0002	2.084	0.0096	0.0099
Be3130	313.042 {1	Y_3710	ppm	0.005	0.0001	1.132	0.005	0.0049
Ca3158	315.887 {1	In2306	ppm	0.0942	0.005	5.299	0.0906	0.0977
Ca3181	318.128 {1	In2306	ppm	0.1451	0.0191	13.19	0.1586	0.1315
Cd2288	228.802 {4	Y_2243	ppm	0.0061	0.0015	23.82	0.0051	0.0072
Co2286	228.616 {4	In2306	ppm	0.0109	0.0016	15.09	0.0097	0.012
Cr2677	267.716 {1	Y_3600	ppm	0.01	0	0.4246	0.01	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.0107	0.0001	1.3	0.0106	0.0108
Fe2404	240.488 {1	In2306	ppm	0.076	0.0076	10.06	0.0814	0.0706
K_7664	766.490 { 4	Y_3710	ppm	0.5966	0.0036	0.6064	0.5992	0.5941
K_7698	769.896 { 4	Y_3710	ppm	0.7198	0.0306	4.248	0.6982	0.7414
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0002	2.066	0.0098	0.0101
Mg2790	279.079 {1	Y_3710	ppm	0.0703	0.0548	78.03	0.0315	0.1091
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0	0.008	0.0103	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0115	0.0018	15.46	0.0128	0.0103
Mo2020	202.030 {4	Y_2243	ppm	0.0126	0.0021	16.39	0.0112	0.0141
Na5895	589.592 { 5	Y_3710	ppm	0.595	0.0174	2.932	0.6073	0.5827
Na8183	818.326 { 4	Y_3710	ppm	0.3741	0.2435	65.08	0.2019	0.5463
Ni2316	231.604 {4	In2306	ppm	0.0111	0.0018	16.57	0.0098	0.0124
P_1782	178.284 {4	In2306	ppm	0.0098	0.0013	13.54	0.0108	0.0089
Pb2203	220.353 {4	In2306	ppm	0.0106	0.0006	6.097	0.0101	0.011
S_1820	182.034 {4	Y_2243	ppm	-45.48	16.38	36.02	-33.89	-57.06

Sb2068	206.833 {4	Y_2243	ppm	0.017	0.0018	10.7	0.0157	0.0183
Se1960	196.090 {4	Y_2243	ppm	0.0105	0.0017	16.16	0.0093	0.0117
Si2516	251.611 {1	Y_3710	ppm	-0.0065	0.0041	62.7	-0.0094	-0.0036
Sn1899	189.989 {4	In2306	ppm	0.0115	0.0018	15.46	0.0103	0.0128
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0	0.783	0.0048	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0108	0.0004	3.568	0.0111	0.0105
Tl1908	190.856 {4	In2306	ppm	0.0105	0.0029	28.11	0.0084	0.0126
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0001	1.028	0.0101	0.0099
Zn2062	206.200 {4	In2306	ppm	0.011	0.0015	13.52	0.01	0.0121

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.153	2.9694	7.2155	43.253	39.054
In2306	230.606 {4	Cts/S	10090	8.7153	0.08637	10084	10096
Y_2243	224.306 {4	Cts/S	11788	3.3478	0.0284	11790	11786
Y_3600	360.073 { 9	Cts/S	107320	115.25	0.10739	107230	107400
Y_3710	371.030 { 9	Cts/S	6504.1	32.183	0.49482	6481.3	6526.9

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	92.83	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0066	0.0429	645.7	-0.0237	0.037
As1890	189.042 {4	Y_2243	ppm	-0.0003	0.0008	276.1	-0.0008	0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.0028	0.0067	239.2	0.0019	-0.0076
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0	31.21	-0.0001	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	5899	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0018	0.0106	581.6	-0.0093	0.0057
Ca3181	318.128 {1	In2306	ppm	0.0654	0.089	136.2	0.1284	0.0024
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	217.9	0	0.0002
Co2286	228.616 {4	In2306	ppm	0	0.0002	480.1	-0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0001	228.2	-0.0001	0
Cu3247	324.754 {1	Y_3600	ppm	-0.0004	0	9.019	-0.0004	-0.0004
Fe2404	240.488 {1	In2306	ppm	-0.0247	0.0245	99.26	-0.0074	-0.042
K_7664	766.490 { 4	Y_3710	ppm	0.0211	0.0115	54.35	0.0293	0.013
K_7698	769.896 { 4	Y_3710	ppm	0.0769	0.0093	12.04	0.0703	0.0834
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.001	928	0.0006	-0.0008
Mg2790	279.079 {1	Y_3710	ppm	-0.0054	0.0176	324.1	0.007	-0.0179
Mn2576	257.610 {1	Y_3600	ppm	0	0	35	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0014	0.0002	17.18	0.0016	0.0012
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0003	110.2	0.0001	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0206	0.0007	3.419	0.0211	0.0201
Na8183	818.326 { 4	Y_3710	ppm	-0.1169	0.1528	130.6	-0.0089	-0.225
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0001	42.96	-0.0001	-0.0002
P_1782	178.284 {4	In2306	ppm	0.0003	0.0005	156.4	0.0006	0
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0002	55.08	-0.0002	-0.0004

S_1820	182.034 {4	Y_2243	ppm	-30.98	3.63	11.72	-28.41	-33.54
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0.0002	114.2	0.0002	0
Se1960	196.090 {4	Y_2243	ppm	0	0.0004	897.9	-0.0002	0.0003
Si2516	251.611 {1	Y_3710	ppm	-0.0174	0.0014	7.887	-0.0184	-0.0164
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0002	105.4	-0.0003	0
Sr4215	421.552 { 8	Y_3710	ppm	-0.0002	0.0003	133	0	-0.0004
Ti3349	334.904 {1	Y_3600	ppm	0	0.0002	1349	0.0002	-0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0004	0.0005	123.5	-0.0001	-0.0008
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0002	103.4	-0.0003	0
Zn2062	206.200 {4	In2306	ppm	0.0004	0.0001	19.8	0.0004	0.0005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	43.304	0.9849	2.2744	44	42.607
In2306	230.606 {4	Cts/S	10078	45.029	0.44682	10110	10046
Y_2243	224.306 {4	Cts/S	11688	62.28	0.53287	11732	11644
Y_3600	360.073 { 9	Cts/S	105600	995.25	0.94243	104900	106310
Y_3710	371.030 { 9	Cts/S	6482.6	76.312	1.1772	6536.5	6428.6

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	439	0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0663	0.0158	23.81	0.0552	0.0775
As1890	189.042 {4	Y_2243	ppm	0.0004	0.0004	107.9	0.0001	0.0007
B_2496	249.678 {1	Y_3710	ppm	-0.0133	0.0027	20.29	-0.0152	-0.0114
Ba4554	455.403 { 7	Y_3710	ppm	0.0024	0.0001	3.85	0.0023	0.0025
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	5.446	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0208	0.0132	63.42	0.0301	0.0115
Ca3181	318.128 {1	In2306	ppm	0.0828	0.0522	63.1	0.1197	0.0459
Cd2288	228.802 {4	Y_2243	ppm	0	0	88.25	0.0001	0
Co2286	228.616 {4	In2306	ppm	-0.0003	0	16.59	-0.0003	-0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0.0002	52.51	0.0003	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0005	0.0006	112.6	0.0001	0.0009
Fe2404	240.488 {1	In2306	ppm	-0.0244	0.0111	45.63	-0.0165	-0.0323
K_7664	766.490 { 4	Y_3710	ppm	0.0326	0.0119	36.54	0.0242	0.0411
K_7698	769.896 { 4	Y_3710	ppm	-0.0887	0.0632	71.23	-0.044	-0.1334
Li6707	670.784 { 5	Y_3710	ppm	0	0.0004	1035	-0.0002	0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0283	0.0845	298	-0.0314	0.0881
Mn2576	257.610 {1	Y_3600	ppm	0.0003	0	15.01	0.0003	0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	0.0013	0.0003	20.31	0.0015	0.0011
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	106.4	0	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0248	0.0018	7.277	0.0236	0.0261
Na8183	818.326 { 4	Y_3710	ppm	0.2029	0.0789	38.9	0.2587	0.1471
Ni2316	231.604 {4	In2306	ppm	-0.0005	0.0003	54.31	-0.0003	-0.0006

P_1782	178.284 {4	In2306	ppm	0.0231	0.0002	1.082	0.0233	0.0229
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0003	98.88	-0.0006	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-77.5	9.349	12.06	-84.11	-70.89
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0008	134.2	0.0012	0
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.0008	403.5	0.0008	-0.0004
Si2516	251.611 {1	Y_3710	ppm	0.0045	0.0372	833.7	-0.0219	0.0308
Sn1899	189.989 {4	In2306	ppm	0.0278	0.0005	1.67	0.0281	0.0275
Sr4215	421.552 { 8	Y_3710	ppm	0.0003	0.0001	43.32	0.0002	0.0004
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0001	39.34	0.0003	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0009	0.0001	14.87	-0.001	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0001	45.25	0.0004	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0082	0.0001	0.6667	0.0082	0.0083

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.107	1.5106	3.5876	43.175	41.039
In2306	230.606 {4	Cts/S	10223	67.173	0.65708	10175	10270
Y_2243	224.306 {4	Cts/S	12420	116.98	0.94185	12337	12503
Y_3600	360.073 { 9	Cts/S	101430	4390.8	4.329	104530	98323
Y_3710	371.030 { 9	Cts/S	6500.6	35.805	0.5508	6475.2	6525.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4304	0.0027	0.6199	0.4285	0.4322
Al3082	308.215 {1	In2306	ppm	68.37	0.7044	1.03	68.86	67.87
As1890	189.042 {4	Y_2243	ppm	1.148	0.0115	1.004	1.156	1.14
B_2496	249.678 {1	Y_3710	ppm	0.8336	0.003	0.3605	0.8314	0.8357
Ba4554	455.403 { 7	Y_3710	ppm	2.221	0.0364	1.638	2.247	2.195
Be3130	313.042 {1	Y_3710	ppm	1.487	0.0254	1.709	1.505	1.469
Ca3158	315.887 {1	In2306	ppm	89.54	0.1846	0.2061	89.67	89.41
Ca3181	318.128 {1	In2306	ppm	91.79	0.653	0.7115	92.25	91.33
Cd2288	228.802 {4	Y_2243	ppm	0.6622	0.0059	0.8858	0.6664	0.6581
Co2286	228.616 {4	In2306	ppm	1.418	0.0129	0.908	1.427	1.409
Cr2677	267.716 {1	Y_3600	ppm	0.9972	0.0047	0.4745	0.9938	1.001
Cu3247	324.754 {1	Y_3600	ppm	1.059	0.0103	0.9692	1.052	1.066
Fe2404	240.488 {1	In2306	ppm	143.4	0.0203	0.0141	143.4	143.4
K_7664	766.490 { 4	Y_3710	ppm	38.09	0.8247	2.165	38.67	37.5
K_7698	769.896 { 4	Y_3710	ppm	41.53	0.8374	2.016	42.12	40.94
Li6707	670.784 { 5	Y_3710	ppm	0.0701	0.0016	2.299	0.0712	0.069
Mg2790	279.079 {1	Y_3710	ppm	39.09	0.5695	1.457	39.5	38.69
Mn2576	257.610 {1	Y_3600	ppm	4.848	0.0258	0.5321	4.83	4.866
Mn2576-2	257.610 {1	Y_3710	ppm	4.828	0.0697	1.443	4.878	4.779
Mo2020	202.030 {4	Y_2243	ppm	0.7909	0.0094	1.187	0.7976	0.7843
Na5895	589.592 { 5	Y_3710	ppm	5.347	0.136	2.543	5.444	5.251
Na8183	818.326 { 4	Y_3710	ppm	5.661	0.0653	1.153	5.707	5.615

Ni2316	231.604 {4	In2306	ppm	1.279	0.0111	0.8681	1.287	1.271
P_1782	178.284 {4	In2306	ppm	7.64	0.0818	1.071	7.698	7.582
Pb2203	220.353 {4	In2306	ppm	1.246	0.0208	1.669	1.26	1.231
S_1820	182.034 {4	Y_2243	ppm	-19820	139.9	0.7056	-19920	-19730
Sb2068	206.833 {4	Y_2243	ppm	0.6388	0.0093	1.46	0.6454	0.6322
Se1960	196.090 {4	Y_2243	ppm	1.678	0.0098	0.5847	1.685	1.671
Si2516	251.611 {1	Y_3710	ppm	9.925	0.1726	1.739	10.05	9.803
Sn1899	189.989 {4	In2306	ppm	1.407	0.0163	1.159	1.419	1.396
Sr4215	421.552 { 8	Y_3710	ppm	2.165	0.0327	1.512	2.188	2.142
Ti3349	334.904 {1	Y_3600	ppm	3.531	0.0163	0.4604	3.52	3.543
Tl1908	190.856 {4	In2306	ppm	1.416	0.0142	1.005	1.426	1.406
V_2924	292.402 {1	Y_3600	ppm	0.609	0.0014	0.225	0.6081	0.61
Zn2062	206.200 {4	In2306	ppm	2.181	0.0169	0.775	2.193	2.169

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.699	0.17993	0.4315	41.572	41.827
In2306	230.606 {4	Cts/S	8797.2	30.039	0.34146	8775.9	8818.4
Y_2243	224.306 {4	Cts/S	12275	46.435	0.37829	12242	12308
Y_3600	360.073 { 9	Cts/S	98576	582.18	0.5906	98987	98164
Y_3710	371.030 { 9	Cts/S	6419.6	102.57	1.5979	6347	6492.1

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0001	11.53	0.0007	0.0006
Al3082	308.215 {1	In2306	ppm	19.79	1.07	5.408	20.54	19.03
As1890	189.042 {4	Y_2243	ppm	0.0149	0.0143	96.03	0.0048	0.025
B_2496	249.678 {1	Y_3710	ppm	0.1157	0.006	5.199	0.1199	0.1114
Ba4554	455.403 { 7	Y_3710	ppm	0.0316	0.0011	3.409	0.0324	0.0309
Be3130	313.042 {1	Y_3710	ppm	0.0015	0	0.9553	0.0015	0.0015
Ca3158	315.887 {1	In2306	ppm	86	3.618	4.207	88.55	83.44
Ca3181	318.128 {1	In2306	ppm	87.63	3.372	3.848	90.02	85.25
Cd2288	228.802 {4	Y_2243	ppm	0.0073	0.009	124.4	0.0009	0.0137
Co2286	228.616 {4	In2306	ppm	0.0166	0.0201	121.5	0.0023	0.0308
Cr2677	267.716 {1	Y_3600	ppm	0.0204	0	0.2243	0.0204	0.0203
Cu3247	324.754 {1	Y_3600	ppm	0.1403	0.0003	0.2379	0.14	0.1405
Fe2404	240.488 {1	In2306	ppm	3.375	0.1607	4.761	3.489	3.262
K_7664	766.490 { 4	Y_3710	ppm	5.39	0.1928	3.577	5.526	5.253
K_7698	769.896 { 4	Y_3710	ppm	5.796	0.2959	5.106	6.005	5.586
Li6707	670.784 { 5	Y_3710	ppm	0.0416	0.0018	4.24	0.0428	0.0403
Mg2790	279.079 {1	Y_3710	ppm	1.296	0.0422	3.257	1.326	1.266
Mn2576	257.610 {1	Y_3600	ppm	0.2423	0.0003	0.1038	0.2425	0.2421
Mn2576-2	257.610 {1	Y_3710	ppm	0.2352	0.0126	5.366	0.2441	0.2263
Mo2020	202.030 {4	Y_2243	ppm	0.0125	0.0128	102.2	0.0035	0.0216
Na5895	589.592 { 5	Y_3710	ppm	12.39	0.4994	4.031	12.74	12.04

Na8183	818.326 { 4	Y_3710	ppm	12.6	0.5656	4.488	13	12.2
Ni2316	231.604 {4	In2306	ppm	0.0146	0.0177	121.5	0.0021	0.0271
P_1782	178.284 {4	In2306	ppm	0.2686	0.0893	33.25	0.2054	0.3317
Pb2203	220.353 {4	In2306	ppm	0.013	0.0163	125.3	0.0015	0.0246
S_1820	182.034 {4	Y_2243	ppm	-755.4	200.9	26.59	-613.4	-897.4
Sb2068	206.833 {4	Y_2243	ppm	0.0195	0.0088	45.28	0.0133	0.0258
Se1960	196.090 {4	Y_2243	ppm	0.0156	0.0186	118.8	0.0025	0.0288
Si2516	251.611 {1	Y_3710	ppm	2.741	0.0986	3.596	2.811	2.671
Sn1899	189.989 {4	In2306	ppm	0.0248	0.0214	86.12	0.0097	0.04
Sr4215	421.552 { 8	Y_3710	ppm	0.2699	0.01	3.693	0.2769	0.2628
Ti3349	334.904 {1	Y_3600	ppm	0.6229	0.0029	0.4626	0.6208	0.6249
Tl1908	190.856 {4	In2306	ppm	0.0179	0.0191	106.7	0.0044	0.0314
V_2924	292.402 {1	Y_3600	ppm	0.0056	0.0002	3.268	0.0058	0.0055
Zn2062	206.200 {4	In2306	ppm	0.0338	0.0298	88.29	0.0127	0.0549

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.921	1.4187	3.4668	39.918	41.924
In2306	230.606 {4	Cts/S	9302.3	172.97	1.8594	9180	9424.6
Y_2243	224.306 {4	Cts/S	12320	242.86	1.9712	12149	12492
Y_3600	360.073 { 9	Cts/S	99211	114.34	0.11525	99131	99292
Y_3710	371.030 { 9	Cts/S	6352.9	164.12	2.5834	6236.8	6468.9

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Custom ID3=
Run Time=1/16/2012 13:03:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0004	318.8	-0.0002	0.0004
Al3082	308.215 {1	In2306	ppm	0.4216	0.0496	11.77	0.4567	0.3865
As1890	189.042 {4	Y_2243	ppm	0.0046	0.0004	8.948	0.0049	0.0043
B_2496	249.678 {1	Y_3710	ppm	-0.0086	0.0071	83.11	-0.0035	-0.0136
Ba4554	455.403 { 7	Y_3710	ppm	5.968	0.0337	0.5644	5.992	5.944
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	8.467	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	2.946	0.0312	1.059	2.924	2.968
Ca3181	318.128 {1	In2306	ppm	3.112	0.0979	3.146	3.043	3.182
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0003	386.5	-0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0067	0.0005	7.264	0.0064	0.0071
Cr2677	267.716 {1	Y_3600	ppm	0.0466	0.0016	3.509	0.0478	0.0455
Cu3247	324.754 {1	Y_3600	ppm	0.1307	0.002	1.545	0.1321	0.1293
Fe2404	240.488 {1	In2306	ppm	51.41	0.4593	0.8934	51.09	51.74
K_7664	766.490 { 4	Y_3710	ppm	0.0394	0.0077	19.58	0.0448	0.0339
K_7698	769.896 { 4	Y_3710	ppm	0.0008	0.0386	4768	0.0281	-0.0265
Li6707	670.784 { 5	Y_3710	ppm	0.0008	0.0001	10.58	0.0008	0.0007
Mg2790	279.079 {1	Y_3710	ppm	4.298	0.199	4.629	4.439	4.157
Mn2576	257.610 {1	Y_3600	ppm	0.5228	0.0104	1.994	0.5301	0.5154
Mn2576-2	257.610 {1	Y_3710	ppm	0.4613	0.0068	1.475	0.4565	0.4661
Mo2020	202.030 {4	Y_2243	ppm	0.0175	0.0003	1.903	0.0172	0.0177

Na5895	589.592 { 5	Y_3710	ppm	0.0397	0.0004	0.9402	0.0394	0.0399
Na8183	818.326 { 4	Y_3710	ppm	0.028	0.151	539.9	0.1347	-0.0788
Ni2316	231.604 {4	In2306	ppm	0.0245	0.0002	1.004	0.0243	0.0246
P_1782	178.284 {4	In2306	ppm	0.0641	0.0031	4.862	0.0619	0.0663
Pb2203	220.353 {4	In2306	ppm	0.0085	0.0013	15.39	0.0094	0.0075
S_1820	182.034 {4	Y_2243	ppm	-32530	89.62	0.2755	-32590	-32470
Sb2068	206.833 {4	Y_2243	ppm	0.0037	0.0005	14.64	0.0033	0.0041
Se1960	196.090 {4	Y_2243	ppm	0.0012	0	0.3633	0.0012	0.0012
Si2516	251.611 {1	Y_3710	ppm	0.7738	0.0207	2.673	0.7592	0.7884
Sn1899	189.989 {4	In2306	ppm	0.0094	0.0009	9.233	0.0088	0.01
Sr4215	421.552 { 8	Y_3710	ppm	11.54	0.1541	1.335	11.65	11.43
Ti3349	334.904 {1	Y_3600	ppm	0.1682	0.0029	1.7	0.1703	0.1662
Tl1908	190.856 {4	In2306	ppm	-0.0009	0.0002	26.54	-0.0007	-0.0011
V_2924	292.402 {1	Y_3600	ppm	0.0089	0.0001	1.46	0.009	0.0088
Zn2062	206.200 {4	In2306	ppm	6.251	0.0276	0.4409	6.271	6.232

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.203	0.03867	0.09164	42.231	42.176
In2306	230.606 {4	Cts/S	9879.3	40.663	0.4116	9908.1	9850.6
Y_2243	224.306 {4	Cts/S	12279	32.425	0.26407	12302	12256
Y_3600	360.073 { 9	Cts/S	98737	1296.7	1.3133	97820	99654
Y_3710	371.030 { 9	Cts/S	6557.8	43.494	0.66324	6527.1	6588.6

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Custom ID3=
Run Time=1/16/2012 13:05:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0002	70.28	0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	182.8	5.409	2.96	178.9	186.6
As1890	189.042 {4	Y_2243	ppm	0.0023	0.0006	28.41	0.0027	0.0018
B_2496	249.678 {1	Y_3710	ppm	-0.0088	0.0147	167	-0.0192	0.0016
Ba4554	455.403 { 7	Y_3710	ppm	0.0111	0.0002	1.674	0.0113	0.011
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	23.38	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	0.5034	0.0279	5.537	0.4837	0.5231
Ca3181	318.128 {1	In2306	ppm	0.5133	0.0489	9.524	0.4787	0.5479
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	306.7	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0005	0.0001	25.99	0.0005	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.003	0.0002	7.025	0.0028	0.0031
Cu3247	324.754 {1	Y_3600	ppm	0.0217	0.0002	0.9721	0.0218	0.0215
Fe2404	240.488 {1	In2306	ppm	2.124	0.092	4.329	2.059	2.189
K_7664	766.490 { 4	Y_3710	ppm	0.0313	0.012	38.16	0.0229	0.0398
K_7698	769.896 { 4	Y_3710	ppm	0.067	0.0307	45.86	0.0453	0.0887
Li6707	670.784 { 5	Y_3710	ppm	0.0006	0.0007	108.8	0.0011	0.0001
Mg2790	279.079 {1	Y_3710	ppm	1.107	0.0033	0.2942	1.105	1.11
Mn2576	257.610 {1	Y_3600	ppm	0.2291	0.0001	0.0433	0.2292	0.229
Mn2576-2	257.610 {1	Y_3710	ppm	0.2296	0.0002	0.0841	0.2295	0.2298

Mo2020	202.030 {4	Y_2243	ppm	0.0036	0.0002	4.416	0.0035	0.0037
Na5895	589.592 { 5	Y_3710	ppm	0.2458	0.003	1.236	0.2479	0.2436
Na8183	818.326 { 4	Y_3710	ppm	0.4082	0.0322	7.897	0.431	0.3854
Ni2316	231.604 {4	In2306	ppm	0.0093	0.0003	2.812	0.0094	0.0091
P_1782	178.284 {4	In2306	ppm	0.0671	0.0022	3.316	0.0687	0.0655
Pb2203	220.353 {4	In2306	ppm	-0.0015	0.0009	64.34	-0.0008	-0.0021
S_1820	182.034 {4	Y_2243	ppm	-94.02	50.32	53.52	-58.44	-129.6
Sb2068	206.833 {4	Y_2243	ppm	-0.004	0.0005	11.71	-0.0037	-0.0043
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0037	295.7	0.0038	-0.0013
Si2516	251.611 {1	Y_3710	ppm	0.5145	0.0327	6.365	0.5376	0.4913
Sn1899	189.989 {4	In2306	ppm	0.003	0.0001	4.574	0.0031	0.0029
Sr4215	421.552 { 8	Y_3710	ppm	0.0026	0.0002	7.525	0.0027	0.0024
Ti3349	334.904 {1	Y_3600	ppm	0.0253	0.0004	1.594	0.0256	0.0251
Tl1908	190.856 {4	In2306	ppm	-0.0027	0.0026	93.68	-0.0009	-0.0045
V_2924	292.402 {1	Y_3600	ppm	0.0163	0.0003	1.828	0.0165	0.0161
Zn2062	206.200 {4	In2306	ppm	2.381	0.0358	1.505	2.406	2.356

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	41.779	1.1395	2.7274	42.585	40.973
In2306	230.606 {4	Cts/S	9321	87.721	0.94111	9259	9383
Y_2243	224.306 {4	Cts/S	12443	97.225	0.78135	12374	12512
Y_3600	360.073 { 9	Cts/S	98701	55.173	0.0559	98740	98662
Y_3710	371.030 { 9	Cts/S	6079.8	7.3143	0.1203	6085	6074.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	319.6	-0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	26.93	0.2817	1.046	27.13	26.73
As1890	189.042 {4	Y_2243	ppm	0.0014	0.0003	21.4	0.0012	0.0016
B_2496	249.678 {1	Y_3710	ppm	0.0069	0.0046	67.07	0.0101	0.0036
Ba4554	455.403 { 7	Y_3710	ppm	0.0521	0.0001	0.2349	0.052	0.0522
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	14.8	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	1.321	0.0142	1.077	1.331	1.311
Ca3181	318.128 {1	In2306	ppm	1.367	0.0379	2.77	1.394	1.34
Cd2288	228.802 {4	Y_2243	ppm	0	0	186.3	0	0
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	18.82	0.0005	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0	1.892	0.0007	0.0007
Cu3247	324.754 {1	Y_3600	ppm	0.0005	0.0002	39.85	0.0004	0.0007
Fe2404	240.488 {1	In2306	ppm	1.309	0.0071	0.5388	1.314	1.304
K_7664	766.490 { 4	Y_3710	ppm	7.262	0.216	2.974	7.109	7.414
K_7698	769.896 { 4	Y_3710	ppm	7.696	0.1814	2.358	7.568	7.824
Li6707	670.784 { 5	Y_3710	ppm	0.0054	0	0.1953	0.0054	0.0054
Mg2790	279.079 {1	Y_3710	ppm	3.102	0.1325	4.271	3.008	3.195
Mn2576	257.610 {1	Y_3600	ppm	0.0232	0	0.1449	0.0232	0.0231

Mn2576-2	257.610 {1	Y_3710	ppm	0.0221	0.0012	5.619	0.023	0.0213
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	432.6	-0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	17.22	0.4738	2.751	16.89	17.56
Na8183	818.326 { 4	Y_3710	ppm	17.07	0.2782	1.63	16.87	17.26
Ni2316	231.604 {4	In2306	ppm	0.0013	0.0002	12.8	0.0012	0.0014
P_1782	178.284 {4	In2306	ppm	0.0629	0.0016	2.484	0.0618	0.064
Pb2203	220.353 {4	In2306	ppm	-0.0006	0	7.384	-0.0006	-0.0006
S_1820	182.034 {4	Y_2243	ppm	-243.1	4.092	1.683	-246	-240.2
Sb2068	206.833 {4	Y_2243	ppm	-0.0015	0.0013	88.46	-0.0024	-0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0011	131.1	0.0016	0.0001
Si2516	251.611 {1	Y_3710	ppm	1.644	0.0099	0.6031	1.651	1.637
Sn1899	189.989 {4	In2306	ppm	0.0049	0.0004	8.221	0.0046	0.0052
Sr4215	421.552 { 8	Y_3710	ppm	0.0067	0	0.1838	0.0067	0.0067
Ti3349	334.904 {1	Y_3600	ppm	0.4183	0.0017	0.4007	0.4171	0.4195
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0002	115.9	0.0003	0
V_2924	292.402 {1	Y_3600	ppm	0.0024	0.0003	11.94	0.0022	0.0026
Zn2062	206.200 {4	In2306	ppm	0.0239	0.0194	80.89	0.0102	0.0376

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.964	0.22308	0.54457	40.807	41.122
In2306	230.606 {4	Cts/S	9601.4	92.887	0.96743	9667.1	9535.7
Y_2243	224.306 {4	Cts/S	12289	94.935	0.77252	12356	12222
Y_3600	360.073 { 9	Cts/S	99442	79.697	0.08014	99498	99386
Y_3710	371.030 { 9	Cts/S	6462.6	64.065	0.99131	6508	6417.3

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Username=admin
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Custom ID3=
Run Time=1/16/2012 13:11:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	33.67	-0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.2422	0.0151	6.227	0.2315	0.2528
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0001	49.27	-0.0001	-0.0002
B_2496	249.678 {1	Y_3710	ppm	-0.0125	0.0061	48.9	-0.0082	-0.0168
Ba4554	455.403 { 7	Y_3710	ppm	0.0019	0	1.971	0.0019	0.0018
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	27.33	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.4768	0.0496	10.4	0.5119	0.4418
Ca3181	318.128 {1	In2306	ppm	0.4656	0.0583	12.52	0.4244	0.5069
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	261.4	-0.0001	0
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	83.98	-0.0002	0
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	95.88	0.0003	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0003	103.3	-0.0005	-0.0001
Fe2404	240.488 {1	In2306	ppm	0.2463	0.0092	3.726	0.2398	0.2528
K_7664	766.490 { 4	Y_3710	ppm	0.0439	0.0009	2.13	0.0446	0.0433
K_7698	769.896 { 4	Y_3710	ppm	0.1207	0.0558	46.19	0.0813	0.1601
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0003	308.5	-0.0001	0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.7348	0.0176	2.391	0.7472	0.7224

Mn2576	257.610 {1	Y_3600	ppm	0.0087	0.0001	1.505	0.0086	0.0087
Mn2576-2	257.610 {1	Y_3710	ppm	0.0093	0.0017	18.56	0.008	0.0105
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0	50.49	0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.165	0.0063	3.837	0.1695	0.1606
Na8183	818.326 { 4	Y_3710	ppm	-0.1042	0.0129	12.42	-0.1133	-0.095
Ni2316	231.604 {4	In2306	ppm	-0.0001	0	13.13	-0.0001	-0.0001
P_1782	178.284 {4	In2306	ppm	0.0231	0.0018	7.679	0.0219	0.0244
Pb2203	220.353 {4	In2306	ppm	-0.0004	0.0002	38.73	-0.0005	-0.0003
S_1820	182.034 {4	Y_2243	ppm	-193.6	12.46	6.433	-184.8	-202.5
Sb2068	206.833 {4	Y_2243	ppm	-0.0012	0.001	83.75	-0.0005	-0.0019
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0009	121.6	0.0013	0.0001
Si2516	251.611 {1	Y_3710	ppm	0.2296	0.0408	17.76	0.2008	0.2584
Sn1899	189.989 {4	In2306	ppm	0.0026	0.0001	3.708	0.0025	0.0027
Sr4215	421.552 { 8	Y_3710	ppm	0.0005	0.0002	30.9	0.0004	0.0007
Ti3349	334.904 {1	Y_3600	ppm	0.0014	0	0.9277	0.0014	0.0014
Tl1908	190.856 {4	In2306	ppm	-0.0018	0.0001	7.67	-0.0017	-0.0018
V_2924	292.402 {1	Y_3600	ppm	0.002	0.0004	20.47	0.0017	0.0023
Zn2062	206.200 {4	In2306	ppm	0.0143	0.0021	14.91	0.0128	0.0158

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.497	0.28927	0.71431	40.701	40.292
In2306	230.606 {4	Cts/S	10241	39.067	0.38148	10213	10269
Y_2243	224.306 {4	Cts/S	12413	41.886	0.33743	12383	12443
Y_3600	360.073 { 9	Cts/S	103280	633.66	0.61355	102830	103730
Y_3710	371.030 { 9	Cts/S	6390.5	67.933	1.063	6438.5	6342.4

[Sample Header]
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SampleName=600-48822-A-6-A@10
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:13:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	55.36	-0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0446	0.0349	78.11	0.0693	0.02
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0001	3.853	0.0015	0.0016
B_2496	249.678 {1	Y_3710	ppm	-0.0028	0.0113	396.8	-0.0108	0.0051
Ba4554	455.403 { 7	Y_3710	ppm	0.0015	0.0002	10.98	0.0016	0.0013
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	14.34	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0722	0.0134	18.55	0.0627	0.0817
Ca3181	318.128 {1	In2306	ppm	0.138	0.0398	28.87	0.1098	0.1662
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	90.23	0	-0.0001
Co2286	228.616 {4	In2306	ppm	-0.0003	0	14.13	-0.0002	-0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0	26.85	0.0001	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0008	0.0004	54.18	-0.001	-0.0005
Fe2404	240.488 {1	In2306	ppm	0.001	0.0005	51.8	0.0013	0.0006
K_7664	766.490 { 4	Y_3710	ppm	0.0152	0.0064	42.14	0.0197	0.0106
K_7698	769.896 { 4	Y_3710	ppm	-0.0063	0.0377	594	-0.033	0.0203
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0	1.304	-0.0003	-0.0003

Mg2790	279.079	{1	Y_3710	ppm	0.0137	0.0054	39.48	0.0175	0.0099
Mn2576	257.610	{1	Y_3600	ppm	0.0001	0	0.4333	0.0001	0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	0.0029	0.0013	44.33	0.0038	0.002
Mo2020	202.030	{4	Y_2243	ppm	-0.0001	0	3.46	-0.0001	-0.0002
Na5895	589.592	{ 5	Y_3710	ppm	0.0289	0.0018	6.34	0.0302	0.0276
Na8183	818.326	{ 4	Y_3710	ppm	0.1013	0.0894	88.21	0.0381	0.1645
Ni2316	231.604	{4	In2306	ppm	-0.0005	0.0003	51.13	-0.0007	-0.0003
P_1782	178.284	{4	In2306	ppm	0.011	0.0001	1.053	0.0109	0.0111
Pb2203	220.353	{4	In2306	ppm	-0.0012	0.0011	86.77	-0.0005	-0.002
S_1820	182.034	{4	Y_2243	ppm	-57.19	1.231	2.152	-56.32	-58.06
Sb2068	206.833	{4	Y_2243	ppm	0.0006	0.0002	24.34	0.0005	0.0008
Se1960	196.090	{4	Y_2243	ppm	0.0033	0.0002	5.031	0.0032	0.0034
Si2516	251.611	{1	Y_3710	ppm	-0.0063	0.0304	482.5	0.0152	-0.0278
Sn1899	189.989	{4	In2306	ppm	0.0035	0.0001	1.539	0.0036	0.0035
Sr4215	421.552	{ 8	Y_3710	ppm	0.0006	0.0002	28.53	0.0007	0.0005
Ti3349	334.904	{1	Y_3600	ppm	0.0007	0	4.688	0.0008	0.0007
Tl1908	190.856	{4	In2306	ppm	-0.0019	0.0008	41.76	-0.0025	-0.0014
V_2924	292.402	{1	Y_3600	ppm	0	0.0006	1693	-0.0004	0.0004
Zn2062	206.200	{4	In2306	ppm	0.005	0.0005	8.942	0.0047	0.0054

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	40.097	0.80812	2.0154	40.669	39.526
In2306	230.606	{4	Cts/S	10283	19.025	0.18501	10296	10269
Y_2243	224.306	{4	Cts/S	12363	24.795	0.20056	12381	12346
Y_3600	360.073	{ 9	Cts/S	102200	602.53	0.58956	101770	102630
Y_3710	371.030	{ 9	Cts/S	6437.4	35.29	0.5482	6462.3	6412.4

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:16:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.0003	60.53	0.0002	0.0006
Al3082	308.215	{1	In2306	ppm	1.866	0.0415	2.222	1.837	1.895
As1890	189.042	{4	Y_2243	ppm	0.0016	0.0009	55.86	0.0023	0.001
B_2496	249.678	{1	Y_3710	ppm	-0.0082	0.0182	223.2	0.0047	-0.0211
Ba4554	455.403	{ 7	Y_3710	ppm	6.423	0.0549	0.8553	6.384	6.462
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0	49.68	-0.0001	-0.0001
Ca3158	315.887	{1	In2306	ppm	2.252	0.1039	4.614	2.325	2.178
Ca3181	318.128	{1	In2306	ppm	2.356	0.1358	5.764	2.452	2.26
Cd2288	228.802	{4	Y_2243	ppm	0	0	116.4	0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0028	0.0001	3.449	0.0027	0.0029
Cr2677	267.716	{1	Y_3600	ppm	0.0033	0.0001	2.631	0.0034	0.0033
Cu3247	324.754	{1	Y_3600	ppm	0.0302	0.0002	0.7761	0.0301	0.0304
Fe2404	240.488	{1	In2306	ppm	4.364	0.2056	4.712	4.509	4.218
K_7664	766.490	{ 4	Y_3710	ppm	0.0441	0.0178	40.42	0.0567	0.0315
K_7698	769.896	{ 4	Y_3710	ppm	0.0881	0.0438	49.79	0.1191	0.0571

Li6707	670.784 { 5	Y_3710	ppm	0.0007	0.0002	27.44	0.0006	0.0008
Mg2790	279.079 {1	Y_3710	ppm	4.832	0.1092	2.261	4.909	4.754
Mn2576	257.610 {1	Y_3600	ppm	0.1351	0.0005	0.3695	0.1355	0.1348
Mn2576-2	257.610 {1	Y_3710	ppm	0.1258	0.0002	0.1231	0.1259	0.1257
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	24	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0522	0.0013	2.555	0.0513	0.0531
Na8183	818.326 { 4	Y_3710	ppm	-0.1241	0.0299	24.08	-0.1452	-0.103
Ni2316	231.604 {4	In2306	ppm	0.0031	0.0002	6.607	0.0032	0.0029
P_1782	178.284 {4	In2306	ppm	0.0595	0.0003	0.5641	0.0597	0.0592
Pb2203	220.353 {4	In2306	ppm	0.0108	0.0007	6.16	0.0103	0.0113
S_1820	182.034 {4	Y_2243	ppm	-26360	159.1	0.6035	-26250	-26470
Sb2068	206.833 {4	Y_2243	ppm	0	0.001	2804	-0.0008	0.0007
Se1960	196.090 {4	Y_2243	ppm	-0.0003	0.0004	126.3	0	-0.0005
Si2516	251.611 {1	Y_3710	ppm	0.6136	0.0099	1.616	0.6206	0.6066
Sn1899	189.989 {4	In2306	ppm	0.0036	0.0002	4.941	0.0037	0.0035
Sr4215	421.552 { 8	Y_3710	ppm	8.581	0.0522	0.6086	8.544	8.618
Ti3349	334.904 {1	Y_3600	ppm	0.1916	0.0005	0.2605	0.192	0.1913
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0012	348.5	0.0005	-0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0042	0.0003	6.021	0.0043	0.004
Zn2062	206.200 {4	In2306	ppm	0.0219	0.0001	0.6465	0.0218	0.022

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.261	1.3831	3.2728	41.283	43.239
In2306	230.606 {4	Cts/S	10014	68.325	0.68227	10063	9966.1
Y_2243	224.306 {4	Cts/S	12259	81.952	0.66849	12317	12201
Y_3600	360.073 { 9	Cts/S	101760	304.59	0.29932	101550	101980
Y_3710	371.030 { 9	Cts/S	6437.7	13.603	0.2113	6447.3	6428.1

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:19:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0004	423.6	0.0002	-0.0004
Al3082	308.215 {1	In2306	ppm	0.09	0.0474	52.69	0.0564	0.1235
As1890	189.042 {4	Y_2243	ppm	0	0.0005	988.1	0.0004	-0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.0049	0.0055	113	-0.0088	-0.001
Ba4554	455.403 { 7	Y_3710	ppm	0.0008	0.0001	12.74	0.0008	0.0007
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	55.56	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0755	0.0067	8.857	0.0802	0.0708
Ca3181	318.128 {1	In2306	ppm	0.2018	0.06	29.71	0.2442	0.1594
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	355.4	0	-0.0001
Co2286	228.616 {4	In2306	ppm	-0.0003	0	10.88	-0.0003	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0005	363.8	0.0005	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0008	0.0005	60.1	0.0005	0.0012
Fe2404	240.488 {1	In2306	ppm	-0.0189	0.0069	36.29	-0.0237	-0.014
K_7664	766.490 { 4	Y_3710	ppm	0.0274	0.011	40.3	0.0352	0.0196

K_7698	769.896 { 4	Y_3710	ppm	-0.0234	0.059	251.9	0.0183	-0.0651
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0	9.588	-0.0004	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	-0.0328	0.0387	117.9	-0.0055	-0.0602
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	8.621	0.0001	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0025	0.0005	19.14	0.0028	0.0022
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0	0.311	-0.0002	-0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0122	0.0031	25.35	0.0143	0.01
Na8183	818.326 { 4	Y_3710	ppm	-0.2522	0.0377	14.94	-0.2256	-0.2788
Ni2316	231.604 {4	In2306	ppm	-0.0008	0.0001	12.38	-0.0008	-0.0009
P_1782	178.284 {4	In2306	ppm	0.0091	0.0005	4.976	0.0088	0.0095
Pb2203	220.353 {4	In2306	ppm	-0.0008	0.0006	75.43	-0.0012	-0.0004
S_1820	182.034 {4	Y_2243	ppm	-341.7	364.1	106.5	-84.27	-599.2
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.0002	22.5	-0.0009	-0.0007
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0028	136.2	0.004	0.0001
Si2516	251.611 {1	Y_3710	ppm	-0.0287	0.0029	10.16	-0.0266	-0.0308
Sn1899	189.989 {4	In2306	ppm	0.0034	0.0001	3.957	0.0033	0.0035
Sr4215	421.552 { 8	Y_3710	ppm	0.0006	0.0001	16.01	0.0007	0.0006
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0005	48.59	0.0006	0.0013
Tl1908	190.856 {4	In2306	ppm	-0.0018	0.0013	74.65	-0.0027	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0004	0	3.844	0.0003	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0093	0	0.5112	0.0093	0.0094

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.768	1.6048	4.0353	38.633	40.903
In2306	230.606 {4	Cts/S	10474	37.907	0.36191	10501	10447
Y_2243	224.306 {4	Cts/S	12720	19.474	0.15309	12734	12707
Y_3600	360.073 { 9	Cts/S	102360	163.17	0.1594	102480	102250
Y_3710	371.030 { 9	Cts/S	6531.8	38.181	0.58454	6504.8	6558.8

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:21:55
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.254	0.0005	0.178	0.2543	0.2537
Al3082	308.215 {1	In2306	ppm	2.421	0.0682	2.816	2.373	2.469
As1890	189.042 {4	Y_2243	ppm	0.4576	0.0077	1.693	0.4631	0.4521
B_2496	249.678 {1	Y_3710	ppm	0.4959	0.009	1.805	0.5023	0.4896
Ba4554	455.403 { 7	Y_3710	ppm	0.4705	0.0011	0.2431	0.4697	0.4713
Be3130	313.042 {1	Y_3710	ppm	0.5053	0.0017	0.3408	0.5041	0.5065
Ca3158	315.887 {1	In2306	ppm	12.56	0.2698	2.147	12.37	12.75
Ca3181	318.128 {1	In2306	ppm	12.84	0.3514	2.737	12.59	13.09
Cd2288	228.802 {4	Y_2243	ppm	0.48	0.0058	1.216	0.4842	0.4759
Co2286	228.616 {4	In2306	ppm	0.5082	0.0112	2.21	0.5162	0.5003
Cr2677	267.716 {1	Y_3600	ppm	0.5414	0.0025	0.4565	0.5396	0.5431
Cu3247	324.754 {1	Y_3600	ppm	0.5159	0.0059	1.151	0.5201	0.5117
Fe2404	240.488 {1	In2306	ppm	2.505	0.0539	2.152	2.467	2.543

K_7664	766.490 { 4	Y_3710	ppm	10.96	0.0599	0.5465	11	10.92
K_7698	769.896 { 4	Y_3710	ppm	11.87	0.0375	0.3155	11.9	11.85
Li6707	670.784 { 5	Y_3710	ppm	0.4353	0.0036	0.8237	0.4379	0.4328
Mg2790	279.079 {1	Y_3710	ppm	5.276	0.0435	0.8255	5.245	5.306
Mn2576	257.610 {1	Y_3600	ppm	0.5189	0.0012	0.2271	0.5181	0.5198
Mn2576-2	257.610 {1	Y_3710	ppm	0.4775	0.0091	1.902	0.484	0.4711
Mo2020	202.030 {4	Y_2243	ppm	0.4609	0.006	1.306	0.4652	0.4567
Na5895	589.592 { 5	Y_3710	ppm	11.36	0.0485	0.4268	11.39	11.33
Na8183	818.326 { 4	Y_3710	ppm	12.07	0.039	0.3233	12.1	12.04
Ni2316	231.604 {4	In2306	ppm	0.4795	0.0108	2.263	0.4872	0.4719
P_1782	178.284 {4	In2306	ppm	0.0003	0.0003	114.1	0.0005	0.0001
Pb2203	220.353 {4	In2306	ppm	0.4901	0.0088	1.803	0.4963	0.4838
S_1820	182.034 {4	Y_2243	ppm	-5222	41.1	0.787	-5251	-5193
Sb2068	206.833 {4	Y_2243	ppm	0.4432	0.0066	1.492	0.4479	0.4386
Se1960	196.090 {4	Y_2243	ppm	0.4606	0.005	1.08	0.4641	0.4571
Si2516	251.611 {1	Y_3710	ppm	0.8212	0.0043	0.5205	0.8242	0.8181
Sn1899	189.989 {4	In2306	ppm	0.4756	0.009	1.896	0.4819	0.4692
Sr4215	421.552 { 8	Y_3710	ppm	0.2345	0.0003	0.1363	0.2342	0.2347
Ti3349	334.904 {1	Y_3600	ppm	0.5182	0.001	0.2015	0.5189	0.5174
Tl1908	190.856 {4	In2306	ppm	0.4802	0.0094	1.965	0.4869	0.4735
V_2924	292.402 {1	Y_3600	ppm	0.5756	0.0009	0.151	0.5762	0.575
Zn2062	206.200 {4	In2306	ppm	0.5139	0.0137	2.663	0.5236	0.5043

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.155	0.59885	1.4206	42.578	41.731
In2306	230.606 {4	Cts/S	9666.1	42.703	0.44178	9635.9	9696.3
Y_2243	224.306 {4	Cts/S	12358	5.0368	0.04076	12355	12362
Y_3600	360.073 { 9	Cts/S	98549	94.373	0.09576	98482	98615
Y_3710	371.030 { 9	Cts/S	6586.3	7.6084	0.11552	6581	6591.7

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SampleName=LLCCV
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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:24:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.005	0.0006	12.25	0.0046	0.0055
Al3082	308.215 {1	In2306	ppm	0.1082	0.0724	66.89	0.1594	0.057
As1890	189.042 {4	Y_2243	ppm	0.0127	0.0046	36.26	0.0095	0.016
B_2496	249.678 {1	Y_3710	ppm	0.0044	0.0003	5.995	0.0046	0.0042
Ba4554	455.403 { 7	Y_3710	ppm	0.0096	0.0001	1.163	0.0097	0.0095
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0002	3.644	0.0048	0.005
Ca3158	315.887 {1	In2306	ppm	0.0858	0.0133	15.54	0.0952	0.0764
Ca3181	318.128 {1	In2306	ppm	0.0978	0	0.0472	0.0978	0.0977
Cd2288	228.802 {4	Y_2243	ppm	0.0088	0.005	56.95	0.0052	0.0123
Co2286	228.616 {4	In2306	ppm	0.0139	0.0055	39.17	0.0101	0.0178
Cr2677	267.716 {1	Y_3600	ppm	0.0107	0.0004	3.963	0.011	0.0104
Cu3247	324.754 {1	Y_3600	ppm	0.009	0.0008	9.262	0.0095	0.0084

Fe2404	240.488 {1	In2306	ppm	0.0952	0.0026	2.749	0.0971	0.0934
K_7664	766.490 { 4	Y_3710	ppm	0.5148	0.0113	2.197	0.5228	0.5068
K_7698	769.896 { 4	Y_3710	ppm	0.5871	0.0222	3.773	0.6028	0.5715
Li6707	670.784 { 5	Y_3710	ppm	0.0085	0.0001	0.738	0.0085	0.0086
Mg2790	279.079 {1	Y_3710	ppm	0.1382	0.0377	27.26	0.1115	0.1648
Mn2576	257.610 {1	Y_3600	ppm	0.0106	0.0001	1.298	0.0107	0.0105
Mn2576-2	257.610 {1	Y_3710	ppm	0.0124	0.0028	22.77	0.0144	0.0104
Mo2020	202.030 {4	Y_2243	ppm	0.0144	0.0056	38.48	0.0105	0.0184
Na5895	589.592 { 5	Y_3710	ppm	0.5434	0.0042	0.7759	0.5405	0.5464
Na8183	818.326 { 4	Y_3710	ppm	0.371	0.0719	19.39	0.4219	0.3201
Ni2316	231.604 {4	In2306	ppm	0.0136	0.005	36.85	0.0101	0.0171
P_1782	178.284 {4	In2306	ppm	0.0099	0.0004	3.885	0.0096	0.0102
Pb2203	220.353 {4	In2306	ppm	0.0125	0.0045	35.72	0.0093	0.0156
S_1820	182.034 {4	Y_2243	ppm	-28.34	28.64	101.1	-8.084	-48.59
Sb2068	206.833 {4	Y_2243	ppm	0.0175	0.004	22.64	0.0147	0.0203
Se1960	196.090 {4	Y_2243	ppm	0.0116	0.004	34.53	0.0088	0.0145
Si2516	251.611 {1	Y_3710	ppm	-0.0019	0.0474	2518	-0.0354	0.0316
Sn1899	189.989 {4	In2306	ppm	0.0143	0.0052	36.46	0.0106	0.018
Sr4215	421.552 { 8	Y_3710	ppm	0.0045	0.0001	3.014	0.0044	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0111	0.0001	0.8291	0.0112	0.011
Tl1908	190.856 {4	In2306	ppm	0.0136	0.0054	39.6	0.0098	0.0173
V_2924	292.402 {1	Y_3600	ppm	0.0116	0.0001	1.048	0.0117	0.0115
Zn2062	206.200 {4	In2306	ppm	0.0141	0.0051	36.31	0.0105	0.0177

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.393	0.47477	1.1199	42.729	42.057
In2306	230.606 {4	Cts/S	10279	42.668	0.4151	10309	10249
Y_2243	224.306 {4	Cts/S	12710	45.059	0.35453	12742	12678
Y_3600	360.073 { 9	Cts/S	102210	178.05	0.1742	102080	102340
Y_3710	371.030 { 9	Cts/S	6661.2	29.835	0.44789	6640.1	6682.3

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:27:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0004	366.4	-0.0002	0.0004
Al3082	308.215 {1	In2306	ppm	0.119	0.0709	59.59	0.0689	0.1691
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0007	42.67	0.0021	0.0011
B_2496	249.678 {1	Y_3710	ppm	-0.0033	0.0077	235.2	0.0022	-0.0087
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0006	309.3	-0.0002	0.0006
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0002	82.55	-0.0001	-0.0003
Ca3158	315.887 {1	In2306	ppm	0.0131	0.01	76.4	0.006	0.0202
Ca3181	318.128 {1	In2306	ppm	0.0851	0.1145	134.6	0.0041	0.166
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	154.3	0	0.0001
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0003	471.3	-0.0003	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0002	142	0	-0.0003

Cu3247	324.754 {1	Y_3600	ppm	-0.0016	0.0001	3.31	-0.0016	-0.0016
Fe2404	240.488 {1	In2306	ppm	-0.0146	0.0215	146.5	0.0005	-0.0298
K_7664	766.490 { 4	Y_3710	ppm	0.0151	0.012	79.82	0.0236	0.0066
K_7698	769.896 { 4	Y_3710	ppm	0.0431	0.0462	107.1	0.0758	0.0105
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0006	399.4	-0.0005	0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0134	0.0006	4.178	-0.0138	-0.013
Mn2576	257.610 {1	Y_3600	ppm	0	0	30.6	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0043	0.0036	84.82	0.0068	0.0017
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0001	42.1	0.0002	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.005	0.0009	18.71	0.0043	0.0056
Na8183	818.326 { 4	Y_3710	ppm	-0.1901	0.0348	18.33	-0.1654	-0.2147
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	71.69	-0.0002	-0.0001
P_1782	178.284 {4	In2306	ppm	-0.0015	0.0003	22.34	-0.0012	-0.0017
Pb2203	220.353 {4	In2306	ppm	-0.001	0.001	96.15	-0.0017	-0.0003
S_1820	182.034 {4	Y_2243	ppm	0.0375	2.803	7472	2.019	-1.944
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0006	25.64	0.0019	0.0028
Se1960	196.090 {4	Y_2243	ppm	-0.0004	0.0009	222.7	-0.0011	0.0002
Si2516	251.611 {1	Y_3710	ppm	-0.0155	0.0013	8.447	-0.0146	-0.0164
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	106	0	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	161.7	0	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	83.49	0.0001	0
Tl1908	190.856 {4	In2306	ppm	-0.0018	0.0002	10.74	-0.0016	-0.0019
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0001	30.94	0.0004	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0026	0.0001	5.068	0.0027	0.0025

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	42.165	3.5376	8.39	44.667	39.664
In2306	230.606 {4	Cts/S	10346	19.166	0.18525	10359	10332
Y_2243	224.306 {4	Cts/S	12713	12.707	0.09995	12722	12705
Y_3600	360.073 { 9	Cts/S	102620	621.81	0.60592	103060	102180
Y_3710	371.030 { 9	Cts/S	6424.1	19.266	0.2999	6410.5	6437.8

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Custom ID3=
Run Time=1/16/2012 13:29:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0073	0.0008	11.48	-0.0067	-0.0079
Al3082	308.215 {1	In2306	ppm	157.4	8.023	5.098	151.7	163
As1890	189.042 {4	Y_2243	ppm	0.1063	0.0023	2.136	0.1079	0.1047
B_2496	249.678 {1	Y_3710	ppm	0.0577	0.0073	12.71	0.0629	0.0525
Ba4554	455.403 { 7	Y_3710	ppm	18.54	0.0995	0.5365	18.47	18.61
Be3130	313.042 {1	Y_3710	ppm	0.0188	0.0003	1.728	0.0186	0.019
Ca3158	315.887 {1	In2306	ppm	270.8	12.59	4.648	261.9	279.7
Ca3181	318.128 {1	In2306	ppm	280.8	13.42	4.78	271.3	290.3
Cd2288	228.802 {4	Y_2243	ppm	0.0122	0.0002	2.03	0.0124	0.0121
Co2286	228.616 {4	In2306	ppm	0.2838	0.008	2.802	0.2895	0.2782

Cr2677	267.716 {1	Y_3600	ppm	0.1829	0.0022	1.179	0.1814	0.1845
Cu3247	324.754 {1	Y_3600	ppm	0.6502	0.0003	0.0517	0.6499	0.6504
Fe2404	240.488 {1	In2306	ppm	273.4	13.31	4.869	264	282.8
K_7664	766.490 { 4	Y_3710	ppm	14.99	0.0982	0.6551	14.92	15.06
K_7698	769.896 { 4	Y_3710	ppm	16.65	0.1377	0.827	16.55	16.75
Li6707	670.784 { 5	Y_3710	ppm	0.0853	0.0007	0.8667	0.0848	0.0858
Mg2790	279.079 {1	Y_3710	ppm	30.74	0.1213	0.3946	30.82	30.65
Mn2576	257.610 {1	Y_3600	ppm	10.55	0.0677	0.6412	10.5	10.6
Mn2576-2	257.610 {1	Y_3710	ppm	11.47	0.0139	0.1209	11.48	11.46
Mo2020	202.030 {4	Y_2243	ppm	0.0074	0.0005	6.182	0.0078	0.0071
Na5895	589.592 { 5	Y_3710	ppm	6.662	0.0399	0.5989	6.634	6.69
Na8183	818.326 { 4	Y_3710	ppm	7.787	0.0283	0.363	7.767	7.807
Ni2316	231.604 {4	In2306	ppm	0.3157	0.0095	2.998	0.3224	0.309
P_1782	178.284 {4	In2306	ppm	4.185	0.1158	2.766	4.267	4.103
Pb2203	220.353 {4	In2306	ppm	10.5	0.2735	2.604	10.69	10.31
S_1820	182.034 {4	Y_2243	ppm	-104400	2018	1.932	-105900	-103000
Sb2068	206.833 {4	Y_2243	ppm	-0.0013	0.0013	95.6	-0.0004	-0.0022
Se1960	196.090 {4	Y_2243	ppm	0.0093	0.0005	4.995	0.0097	0.009
Si2516	251.611 {1	Y_3710	ppm	6.914	0.0432	0.6247	6.945	6.883
Sn1899	189.989 {4	In2306	ppm	0.0684	0.0021	3.099	0.0699	0.0669
Sr4215	421.552 { 8	Y_3710	ppm	1.634	0.0074	0.453	1.629	1.639
Ti3349	334.904 {1	Y_3600	ppm	0.4147	0.001	0.2434	0.414	0.4154
Tl1908	190.856 {4	In2306	ppm	-0.0192	0.0016	8.53	-0.0203	-0.018
V_2924	292.402 {1	Y_3600	ppm	1.153	0.0107	0.9256	1.145	1.16
Zn2062	206.200 {4	In2306	ppm	5.619	0.1531	2.725	5.728	5.511

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.916	1.9989	4.8854	42.329	39.502
In2306	230.606 {4	Cts/S	8301.6	13.75	0.16563	8311.3	8291.9
Y_2243	224.306 {4	Cts/S	12938	47.923	0.37041	12972	12904
Y_3600	360.073 { 9	Cts/S	102540	288.55	0.2814	102750	102340
Y_3710	371.030 { 9	Cts/S	6682.3	7.4797	0.11193	6677	6687.5

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Custom ID3=
Run Time=1/16/2012 13:32:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0015	0.0003	22.31	0.0012	0.0017
Al3082	308.215 {1	In2306	ppm	143.4	12.27	8.557	134.7	152
As1890	189.042 {4	Y_2243	ppm	0.258	0.0049	1.884	0.2615	0.2546
B_2496	249.678 {1	Y_3710	ppm	0.0777	0.0007	0.8935	0.0782	0.0772
Ba4554	455.403 { 7	Y_3710	ppm	11.56	0.2047	1.772	11.41	11.7
Be3130	313.042 {1	Y_3710	ppm	0.0137	0	0.0727	0.0137	0.0137
Ca3158	315.887 {1	In2306	ppm	508.9	45.32	8.907	476.8	540.9
Ca3181	318.128 {1	In2306	ppm	528.3	48.86	9.248	493.8	562.9
Cd2288	228.802 {4	Y_2243	ppm	0.0164	0.0003	2.086	0.0166	0.0161

Co2286	228.616 {4	In2306	ppm	0.1475	0.0012	0.7953	0.1467	0.1483
Cr2677	267.716 {1	Y_3600	ppm	0.2516	0.0002	0.096	0.2517	0.2514
Cu3247	324.754 {1	Y_3600	ppm	0.8614	0.0018	0.2128	0.8601	0.8627
Fe2404	240.488 {1	In2306	ppm	196.4	17.17	8.742	184.2	208.5
K_7664	766.490 { 4	Y_3710	ppm	15.83	0.2964	1.872	15.62	16.04
K_7698	769.896 { 4	Y_3710	ppm	17.75	0.3657	2.06	17.49	18.01
Li6707	670.784 { 5	Y_3710	ppm	0.0971	0.0012	1.222	0.0962	0.0979
Mg2790	279.079 {1	Y_3710	ppm	47.78	1.479	3.096	46.73	48.82
Mn2576	257.610 {1	Y_3600	ppm	5.221	0.0292	0.5584	5.242	5.201
Mn2576-2	257.610 {1	Y_3710	ppm	5.865	0.1905	3.248	5.73	6
Mo2020	202.030 {4	Y_2243	ppm	0.0071	0.0001	1.369	0.0071	0.007
Na5895	589.592 { 5	Y_3710	ppm	8.224	0.1604	1.951	8.111	8.338
Na8183	818.326 { 4	Y_3710	ppm	9.049	0.2822	3.119	8.849	9.248
Ni2316	231.604 {4	In2306	ppm	0.2491	0.0002	0.0643	0.2493	0.249
P_1782	178.284 {4	In2306	ppm	5.997	0.0738	1.23	6.049	5.945
Pb2203	220.353 {4	In2306	ppm	4.185	0.073	1.745	4.133	4.236
S_1820	182.034 {4	Y_2243	ppm	-224300	3888	1.734	-227000	-221500
Sb2068	206.833 {4	Y_2243	ppm	0.0062	0.0028	44.3	0.0043	0.0082
Se1960	196.090 {4	Y_2243	ppm	0.006	0.0004	6.178	0.0062	0.0057
Si2516	251.611 {1	Y_3710	ppm	10.84	0.2825	2.605	10.64	11.04
Sn1899	189.989 {4	In2306	ppm	0.1146	0.0008	0.7157	0.1152	0.114
Sr4215	421.552 { 8	Y_3710	ppm	2.599	0.0784	3.014	2.544	2.655
Ti3349	334.904 {1	Y_3600	ppm	0.5231	0.0009	0.1651	0.5237	0.5225
Tl1908	190.856 {4	In2306	ppm	-0.0093	0.0018	19.6	-0.0105	-0.008
V_2924	292.402 {1	Y_3600	ppm	0.3824	0.0029	0.7636	0.3844	0.3803
Zn2062	206.200 {4	In2306	ppm	6.939	0.0517	0.7453	6.975	6.902

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.213	3.1121	7.9363	41.414	37.013
In2306	230.606 {4	Cts/S	8085.1	22.64	0.28002	8069.1	8101.1
Y_2243	224.306 {4	Cts/S	12313	54.513	0.44274	12274	12351
Y_3600	360.073 { 9	Cts/S	93599	406.75	0.43457	93886	93311
Y_3710	371.030 { 9	Cts/S	5748.3	126.88	2.2073	5838	5658.6

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:35:06
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.489	0.0007	0.1363	0.4885	0.4894
Al3082	308.215 {1	In2306	ppm	271.2	35.54	13.11	246	296.3
As1890	189.042 {4	Y_2243	ppm	0.8127	0.0042	0.5163	0.8157	0.8098
B_2496	249.678 {1	Y_3710	ppm	0.5871	0.011	1.866	0.5949	0.5794
Ba4554	455.403 { 7	Y_3710	ppm	10.54	0.1273	1.208	10.45	10.63
Be3130	313.042 {1	Y_3710	ppm	0.5221	0.0019	0.3641	0.5234	0.5207
Ca3158	315.887 {1	In2306	ppm	188.6	26.26	13.93	170	207.2
Ca3181	318.128 {1	In2306	ppm	196.2	27.93	14.23	176.5	216

Cd2288	228.802 {4	Y_2243	ppm	0.437	0.0038	0.8678	0.4397	0.4344
Co2286	228.616 {4	In2306	ppm	1.174	0.0132	1.129	1.183	1.165
Cr2677	267.716 {1	Y_3600	ppm	1.229	0.004	0.3273	1.232	1.226
Cu3247	324.754 {1	Y_3600	ppm	1.349	0.0087	0.6455	1.355	1.343
Fe2404	240.488 {1	In2306	ppm	258.4	35.3	13.66	233.4	283.4
K_7664	766.490 { 4	Y_3710	ppm	29.35	0.2309	0.7866	29.51	29.19
K_7698	769.896 { 4	Y_3710	ppm	33.06	0.2491	0.7536	33.23	32.88
Li6707	670.784 { 5	Y_3710	ppm	0.597	0.0071	1.187	0.602	0.592
Mg2790	279.079 {1	Y_3710	ppm	45.93	0.095	0.2067	45.86	46
Mn2576	257.610 {1	Y_3600	ppm	2.733	0.0069	0.2539	2.728	2.738
Mn2576-2	257.610 {1	Y_3710	ppm	2.795	0.0235	0.8422	2.812	2.778
Mo2020	202.030 {4	Y_2243	ppm	0.6259	0.0069	1.097	0.6307	0.621
Na5895	589.592 { 5	Y_3710	ppm	16.67	0.1548	0.9285	16.78	16.56
Na8183	818.326 { 4	Y_3710	ppm	17.91	0.0908	0.5071	17.84	17.97
Ni2316	231.604 {4	In2306	ppm	1.159	0.011	0.9466	1.167	1.152
P_1782	178.284 {4	In2306	ppm	4.909	0.031	0.6307	4.93	4.887
Pb2203	220.353 {4	In2306	ppm	2.811	0.0109	0.3867	2.819	2.803
S_1820	182.034 {4	Y_2243	ppm	-71950	304	0.4225	-71730	-72160
Sb2068	206.833 {4	Y_2243	ppm	0.2622	0.0011	0.4032	0.2614	0.2629
Se1960	196.090 {4	Y_2243	ppm	0.7371	0.0059	0.8049	0.7413	0.7329
Si2516	251.611 {1	Y_3710	ppm	10.78	0.061	0.5653	10.83	10.74
Sn1899	189.989 {4	In2306	ppm	0.9207	0.0098	1.069	0.9276	0.9137
Sr4215	421.552 { 8	Y_3710	ppm	1.618	0.0076	0.4697	1.623	1.612
Ti3349	334.904 {1	Y_3600	ppm	0.5911	0.0055	0.9375	0.595	0.5872
Tl1908	190.856 {4	In2306	ppm	0.8771	0.0097	1.11	0.884	0.8702
V_2924	292.402 {1	Y_3600	ppm	1.535	0.006	0.3894	1.539	1.531
Zn2062	206.200 {4	In2306	ppm	3.608	0.0083	0.2289	3.614	3.602

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	37.049	4.8721	13.15	40.495	33.604
In2306	230.606 {4	Cts/S	8335.6	28.182	0.33809	8315.7	8355.6
Y_2243	224.306 {4	Cts/S	12934	21.282	0.16454	12919	12949
Y_3600	360.073 { 9	Cts/S	98365	72.082	0.07328	98416	98314
Y_3710	371.030 { 9	Cts/S	6264.1	36.597	0.58423	6238.2	6290

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Username=admin
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Custom ID3=
Run Time=1/16/2012 13:37:34
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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4942	0.0018	0.3638	0.4929	0.4955
Al3082	308.215 {1	In2306	ppm	259.7	3.878	1.493	262.5	257
As1890	189.042 {4	Y_2243	ppm	0.808	0.005	0.6242	0.8116	0.8045
B_2496	249.678 {1	Y_3710	ppm	0.5684	0.0088	1.551	0.5622	0.5747
Ba4554	455.403 { 7	Y_3710	ppm	5.471	0.006	0.1091	5.467	5.475
Be3130	313.042 {1	Y_3710	ppm	0.5264	0.0006	0.1087	0.5268	0.526
Ca3158	315.887 {1	In2306	ppm	183.1	3.264	1.783	185.4	180.8

Ca3181	318.128 {1	In2306	ppm	190.2	3.818	2.007	192.9	187.5
Cd2288	228.802 {4	Y_2243	ppm	0.4391	0.0027	0.6117	0.441	0.4372
Co2286	228.616 {4	In2306	ppm	1.126	0.0065	0.5814	1.13	1.121
Cr2677	267.716 {1	Y_3600	ppm	1.345	0.0024	0.1778	1.343	1.346
Cu3247	324.754 {1	Y_3600	ppm	1.3	0.0002	0.0136	1.3	1.3
Fe2404	240.488 {1	In2306	ppm	238.2	4.523	1.899	241.4	235
K_7664	766.490 { 4	Y_3710	ppm	28.73	0.169	0.5884	28.61	28.85
K_7698	769.896 { 4	Y_3710	ppm	32.62	0.158	0.4845	32.51	32.73
Li6707	670.784 { 5	Y_3710	ppm	0.5931	0.0045	0.7665	0.5899	0.5963
Mg2790	279.079 {1	Y_3710	ppm	45.4	0.2588	0.57	45.58	45.21
Mn2576	257.610 {1	Y_3600	ppm	2.095	0.006	0.2845	2.091	2.099
Mn2576-2	257.610 {1	Y_3710	ppm	2.113	0.0055	0.2592	2.117	2.109
Mo2020	202.030 {4	Y_2243	ppm	0.6451	0.0056	0.8716	0.6491	0.6411
Na5895	589.592 { 5	Y_3710	ppm	16.45	0.1192	0.7247	16.37	16.54
Na8183	818.326 { 4	Y_3710	ppm	17.82	0.0821	0.4609	17.76	17.88
Ni2316	231.604 {4	In2306	ppm	1.22	0.0075	0.6107	1.226	1.215
P_1782	178.284 {4	In2306	ppm	2.35	0.0238	1.011	2.367	2.334
Pb2203	220.353 {4	In2306	ppm	1.963	0.007	0.3557	1.968	1.958
S_1820	182.034 {4	Y_2243	ppm	-33590	231.6	0.6893	-33750	-33430
Sb2068	206.833 {4	Y_2243	ppm	0.269	0.0059	2.19	0.2731	0.2648
Se1960	196.090 {4	Y_2243	ppm	0.7366	0.0041	0.5544	0.7395	0.7337
Si2516	251.611 {1	Y_3710	ppm	10.91	0.0475	0.4351	10.87	10.94
Sn1899	189.989 {4	In2306	ppm	0.9286	0.0047	0.5036	0.9319	0.9253
Sr4215	421.552 { 8	Y_3710	ppm	1.436	0.0004	0.0296	1.436	1.435
Ti3349	334.904 {1	Y_3600	ppm	0.5185	0.003	0.5786	0.5206	0.5163
Tl1908	190.856 {4	In2306	ppm	0.8837	0.0033	0.3708	0.8861	0.8814
V_2924	292.402 {1	Y_3600	ppm	1.674	0.0035	0.2101	1.672	1.677
Zn2062	206.200 {4	In2306	ppm	2.735	0.0083	0.3033	2.741	2.729

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.212	0.59089	1.5069	38.794	39.629
In2306	230.606 {4	Cts/S	8348.6	49.053	0.58756	8313.9	8383.3
Y_2243	224.306 {4	Cts/S	12917	72.869	0.56412	12866	12969
Y_3600	360.073 { 9	Cts/S	97702	173.55	0.17763	97825	97580
Y_3710	371.030 { 9	Cts/S	6279.3	1.8466	0.02941	6278	6280.6

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Custom ID3=
Run Time=1/16/2012 13:39:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0059	0.0004	6.34	0.0056	0.0061
Al3082	308.215 {1	In2306	ppm	43.23	0.4474	1.035	43.55	42.92
As1890	189.042 {4	Y_2243	ppm	0.3123	0.0061	1.966	0.308	0.3166
B_2496	249.678 {1	Y_3710	ppm	0.1882	0.0136	7.251	0.1979	0.1786
Ba4554	455.403 { 7	Y_3710	ppm	5.919	0.0438	0.7401	5.888	5.95
Be3130	313.042 {1	Y_3710	ppm	0.0034	0.0001	2.468	0.0034	0.0033

Ca3158	315.887 {1	In2306	ppm	1637	10.13	0.6191	1644	1630
Ca3181	318.128 {1	In2306	ppm	1765	12.48	0.7069	1774	1756
Cd2288	228.802 {4	Y_2243	ppm	0.0571	0.0071	12.45	0.0521	0.0621
Co2286	228.616 {4	In2306	ppm	0.0787	0.0203	25.82	0.0644	0.0931
Cr2677	267.716 {1	Y_3600	ppm	0.2025	0.0027	1.325	0.2006	0.2044
Cu3247	324.754 {1	Y_3600	ppm	1.526	0.0045	0.2932	1.529	1.523
Fe2404	240.488 {1	In2306	ppm	194.9	1.289	0.6611	195.9	194
K_7664	766.490 { 4	Y_3710	ppm	4.722	0.0752	1.592	4.668	4.775
K_7698	769.896 { 4	Y_3710	ppm	5.285	0.0327	0.6194	5.262	5.308
Li6707	670.784 { 5	Y_3710	ppm	0.0387	0.0003	0.698	0.0385	0.0389
Mg2790	279.079 {1	Y_3710	ppm	54.34	0.0469	0.0863	54.31	54.37
Mn2576	257.610 {1	Y_3600	ppm	4.488	0.0373	0.8305	4.462	4.515
Mn2576-2	257.610 {1	Y_3710	ppm	4.658	0.0162	0.3479	4.646	4.669
Mo2020	202.030 {4	Y_2243	ppm	0.0337	0.0134	39.86	0.0242	0.0432
Na5895	589.592 { 5	Y_3710	ppm	12.28	0.1617	1.317	12.17	12.39
Na8183	818.326 { 4	Y_3710	ppm	13.49	0.2522	1.869	13.31	13.67
Ni2316	231.604 {4	In2306	ppm	0.1915	0.02	10.43	0.1774	0.2057
P_1782	178.284 {4	In2306	ppm	4.36	0.0487	1.118	4.394	4.325
Pb2203	220.353 {4	In2306	ppm	8.071	0.1212	1.501	8.157	7.986
S_1820	182.034 {4	Y_2243	ppm	-242800	4503	1.855	-246000	-239600
Sb2068	206.833 {4	Y_2243	ppm	0.0446	0.0052	11.6	0.041	0.0483
Se1960	196.090 {4	Y_2243	ppm	0.019	0.0107	56.48	0.0114	0.0266
Si2516	251.611 {1	Y_3710	ppm	8.787	0.06	0.6825	8.744	8.829
Sn1899	189.989 {4	In2306	ppm	0.3951	0.0125	3.173	0.3862	0.404
Sr4215	421.552 { 8	Y_3710	ppm	4.105	0.0268	0.6539	4.086	4.124
Ti3349	334.904 {1	Y_3600	ppm	0.6559	0.0011	0.1647	0.6552	0.6567
Tl1908	190.856 {4	In2306	ppm	0.0088	0.0165	187	-0.0028	0.0205
V_2924	292.402 {1	Y_3600	ppm	0.2064	0.0011	0.5209	0.2057	0.2072
Zn2062	206.200 {4	In2306	ppm	7.53	0.0925	1.228	7.596	7.465

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	37.279	0.07017	0.18824	37.23	37.329
In2306	230.606 {4	Cts/S	7249.7	2.9791	0.04109	7247.6	7251.8
Y_2243	224.306 {4	Cts/S	11103	33.053	0.29769	11080	11127
Y_3600	360.073 { 9	Cts/S	85743	419.5	0.48926	86039	85446
Y_3710	371.030 { 9	Cts/S	5960.3	27.118	0.45499	5979.5	5941.1

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Username=admin
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Custom ID3=
Run Time=1/16/2012 13:42:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4574	0.0021	0.4683	0.4559	0.4589
Al3082	308.215 {1	In2306	ppm	172.9	1.05	0.6073	173.6	172.2
As1890	189.042 {4	Y_2243	ppm	0.8932	0.009	1.006	0.8995	0.8868
B_2496	249.678 {1	Y_3710	ppm	0.9696	0.0039	0.3992	0.9724	0.9669
Ba4554	455.403 { 7	Y_3710	ppm	19.79	0.2873	1.452	19.99	19.58

Be3130	313.042 {1	Y_3710	ppm	0.4719	0.0028	0.5856	0.4738	0.4699
Ca3158	315.887 {1	In2306	ppm	294.6	0.7637	0.2592	294.1	295.2
Ca3181	318.128 {1	In2306	ppm	305.6	0.4631	0.1515	305.3	305.9
Cd2288	228.802 {4	Y_2243	ppm	0.4249	0.0028	0.6492	0.4268	0.4229
Co2286	228.616 {4	In2306	ppm	1.273	0.0153	1.202	1.284	1.263
Cr2677	267.716 {1	Y_3600	ppm	1.082	0.0183	1.692	1.069	1.095
Cu3247	324.754 {1	Y_3600	ppm	1.577	0.0062	0.3935	1.581	1.572
Fe2404	240.488 {1	In2306	ppm	292.6	0.4773	0.1631	292.9	292.2
K_7664	766.490 { 4	Y_3710	ppm	23.35	0.4001	1.713	23.63	23.07
K_7698	769.896 { 4	Y_3710	ppm	26.37	0.5034	1.909	26.72	26.01
Li6707	670.784 { 5	Y_3710	ppm	0.9617	0.0244	2.54	0.979	0.9444
Mg2790	279.079 {1	Y_3710	ppm	40.06	0.4864	1.214	40.41	39.72
Mn2576	257.610 {1	Y_3600	ppm	11.36	0.0898	0.7906	11.29	11.42
Mn2576-2	257.610 {1	Y_3710	ppm	12.06	0.0828	0.6866	12.12	12
Mo2020	202.030 {4	Y_2243	ppm	0.7417	0.0098	1.324	0.7486	0.7347
Na5895	589.592 { 5	Y_3710	ppm	15.48	0.296	1.912	15.69	15.27
Na8183	818.326 { 4	Y_3710	ppm	17.07	0.1323	0.7749	17.16	16.98
Ni2316	231.604 {4	In2306	ppm	1.236	0.0184	1.488	1.249	1.223
P_1782	178.284 {4	In2306	ppm	5.308	0.0411	0.7734	5.337	5.279
Pb2203	220.353 {4	In2306	ppm	11.56	0.1055	0.9122	11.64	11.49
S_1820	182.034 {4	Y_2243	ppm	-104500	117.5	0.1125	-104500	-104400
Sb2068	206.833 {4	Y_2243	ppm	0.7537	0.0053	0.7097	0.7575	0.7499
Se1960	196.090 {4	Y_2243	ppm	0.7818	0.0121	1.543	0.7903	0.7733
Si2516	251.611 {1	Y_3710	ppm	8.057	0.1258	1.562	8.146	7.968
Sn1899	189.989 {4	In2306	ppm	0.9728	0.0141	1.449	0.9828	0.9628
Sr4215	421.552 { 8	Y_3710	ppm	2.089	0.0177	0.8479	2.102	2.077
Ti3349	334.904 {1	Y_3600	ppm	1.277	0.0149	1.164	1.266	1.287
Tl1908	190.856 {4	In2306	ppm	0.8272	0.0091	1.097	0.8336	0.8208
V_2924	292.402 {1	Y_3600	ppm	2.127	0.022	1.033	2.112	2.143
Zn2062	206.200 {4	In2306	ppm	6.695	0.0533	0.7966	6.733	6.658

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	38.047	0.26336	0.69219	37.86	38.233
In2306	230.606 {4	Cts/S	8238.1	3.2271	0.03917	8235.8	8240.4
Y_2243	224.306 {4	Cts/S	13048	16.765	0.12849	13060	13036
Y_3600	360.073 { 9	Cts/S	99741	208.44	0.20898	99888	99593
Y_3710	371.030 { 9	Cts/S	6548	69.004	1.0538	6499.2	6596.8

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:45:00
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0013	0.0001	5.448	-0.0013	-0.0014
Al3082	308.215 {1	In2306	ppm	31.1	1.267	4.075	30.2	32
As1890	189.042 {4	Y_2243	ppm	0.0315	0.0121	38.34	0.023	0.04
B_2496	249.678 {1	Y_3710	ppm	0.003	0.0074	244.5	-0.0022	0.0082

Ba4554	455.403 { 7	Y_3710	ppm	3.886	0.1628	4.189	3.771	4.001
Be3130	313.042 {1	Y_3710	ppm	0.0038	0.0003	8.101	0.0036	0.0041
Ca3158	315.887 {1	In2306	ppm	55.03	2.342	4.256	53.37	56.69
Ca3181	318.128 {1	In2306	ppm	56.93	2.444	4.293	55.2	58.65
Cd2288	228.802 {4	Y_2243	ppm	0.0072	0.0061	84.36	0.0029	0.0115
Co2286	228.616 {4	In2306	ppm	0.0701	0.0174	24.77	0.0578	0.0824
Cr2677	267.716 {1	Y_3600	ppm	0.0428	0.0002	0.3677	0.043	0.0427
Cu3247	324.754 {1	Y_3600	ppm	0.141	0.0004	0.2748	0.1412	0.1407
Fe2404	240.488 {1	In2306	ppm	55.75	2.227	3.994	54.18	57.33
K_7664	766.490 { 4	Y_3710	ppm	2.962	0.1156	3.901	2.881	3.044
K_7698	769.896 { 4	Y_3710	ppm	3.303	0.1657	5.016	3.186	3.42
Li6707	670.784 { 5	Y_3710	ppm	0.0172	0.0005	2.907	0.0169	0.0176
Mg2790	279.079 {1	Y_3710	ppm	6.158	0.1642	2.667	6.042	6.274
Mn2576	257.610 {1	Y_3600	ppm	2.646	0.011	0.4159	2.638	2.654
Mn2576-2	257.610 {1	Y_3710	ppm	2.295	0.0786	3.426	2.24	2.351
Mo2020	202.030 {4	Y_2243	ppm	0.0128	0.0134	105.2	0.0033	0.0223
Na5895	589.592 { 5	Y_3710	ppm	1.296	0.0526	4.058	1.259	1.333
Na8183	818.326 { 4	Y_3710	ppm	1.186	0.2339	19.73	1.351	1.02
Ni2316	231.604 {4	In2306	ppm	0.0753	0.0165	21.89	0.0637	0.087
P_1782	178.284 {4	In2306	ppm	0.8386	0.0604	7.2	0.7959	0.8813
Pb2203	220.353 {4	In2306	ppm	2.255	0.1333	5.911	2.161	2.349
S_1820	182.034 {4	Y_2243	ppm	-23770	939.3	3.952	-23100	-24430
Sb2068	206.833 {4	Y_2243	ppm	0.0214	0.0124	57.85	0.0126	0.0301
Se1960	196.090 {4	Y_2243	ppm	0.0094	0.0091	96.3	0.003	0.0159
Si2516	251.611 {1	Y_3710	ppm	1.449	0.0299	2.062	1.428	1.47
Sn1899	189.989 {4	In2306	ppm	0.0262	0.0153	58.29	0.0154	0.037
Sr4215	421.552 { 8	Y_3710	ppm	0.3321	0.0142	4.263	0.322	0.3421
Ti3349	334.904 {1	Y_3600	ppm	0.0941	0.0005	0.5402	0.0938	0.0945
Tl1908	190.856 {4	In2306	ppm	0.0044	0.011	248.2	-0.0033	0.0122
V_2924	292.402 {1	Y_3600	ppm	0.2656	0.0007	0.2736	0.2661	0.2651
Zn2062	206.200 {4	In2306	ppm	1.207	0.0908	7.52	1.143	1.271

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	40.227	0.23678	0.5886	40.395	40.06
In2306	230.606 {4	Cts/S	9516.2	108.74	1.1427	9593.1	9439.4
Y_2243	224.306 {4	Cts/S	12855	97.102	0.75539	12923	12786
Y_3600	360.073 { 9	Cts/S	98829	60.183	0.0609	98872	98787
Y_3710	371.030 { 9	Cts/S	6582.2	40.522	0.61562	6610.9	6553.6

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:47:31
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0001	28.64	0.0005	0.0003
Al3082	308.215 {1	In2306	ppm	0.1234	0.0106	8.619	0.1158	0.1309
As1890	189.042 {4	Y_2243	ppm	0.0004	0.0009	256.6	-0.0003	0.001

B_2496	249.678 {1	Y_3710	ppm	-0.0064	0.0054	85.49	-0.0025	-0.0102
Ba4554	455.403 { 7	Y_3710	ppm	0.0031	0.0003	10.1	0.0033	0.0029
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	21.71	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0008	0.0027	335	-0.0027	0.0011
Ca3181	318.128 {1	In2306	ppm	0.0091	0.0348	380.8	0.0337	-0.0155
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0003	328.4	-0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0004	0.0005	143.5	0	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0001	24.9	0.0003	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0009	0.0003	39.84	-0.0006	-0.0011
Fe2404	240.488 {1	In2306	ppm	-0.0035	0.0165	475.4	-0.0151	0.0082
K_7664	766.490 { 4	Y_3710	ppm	0.0395	0.0148	37.36	0.0291	0.05
K_7698	769.896 { 4	Y_3710	ppm	-0.0701	0.0095	13.52	-0.0634	-0.0768
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0002	216.1	0	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.003	0.0418	1397	0.0266	-0.0326
Mn2576	257.610 {1	Y_3600	ppm	0.0005	0.0001	18.36	0.0005	0.0004
Mn2576-2	257.610 {1	Y_3710	ppm	0.0019	0.0017	89.76	0.0007	0.0031
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0006	81.61	0.0003	0.0012
Na5895	589.592 { 5	Y_3710	ppm	0.0183	0.0035	18.98	0.0159	0.0208
Na8183	818.326 { 4	Y_3710	ppm	-0.1598	0.1312	82.15	-0.2526	-0.067
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0003	120.4	0	0.0005
P_1782	178.284 {4	In2306	ppm	0.0252	0.004	15.74	0.0224	0.028
Pb2203	220.353 {4	In2306	ppm	0.0064	0.0076	118.1	0.0011	0.0117
S_1820	182.034 {4	Y_2243	ppm	-133.4	54.18	40.62	-95.06	-171.7
Sb2068	206.833 {4	Y_2243	ppm	0.0038	0.0005	14.41	0.0034	0.0041
Se1960	196.090 {4	Y_2243	ppm	-0.0004	0.0006	153.8	0	-0.0008
Si2516	251.611 {1	Y_3710	ppm	-0.0004	0.0054	1227	-0.0043	0.0034
Sn1899	189.989 {4	In2306	ppm	0.0274	0.0005	1.878	0.027	0.0277
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	43.21	0.0002	0.0003
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0002	35.72	0.0004	0.0007
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0005	163.3	0	-0.0006
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0001	54.48	0.0001	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0083	0.0052	62.76	0.0046	0.0119

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	38.968	0.76221	1.956	38.429	39.506
In2306	230.606 {4	Cts/S	10344	29.116	0.28146	10365	10324
Y_2243	224.306 {4	Cts/S	12828	40.062	0.31229	12857	12800
Y_3600	360.073 { 9	Cts/S	101340	608.11	0.60009	101770	100910
Y_3710	371.030 { 9	Cts/S	6411.8	33.248	0.51855	6388.3	6435.3

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 13:50:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4634	0.0008	0.1803	0.464	0.4628
Al3082	308.215 {1	In2306	ppm	78.86	1.173	1.487	79.69	78.03

As1890	189.042 {4	Y_2243	ppm	1.231	0.0022	0.1765	1.229	1.232
B_2496	249.678 {1	Y_3710	ppm	0.8847	0.0064	0.7289	0.8802	0.8893
Ba4554	455.403 { 7	Y_3710	ppm	2.682	0.0016	0.0595	2.681	2.683
Be3130	313.042 {1	Y_3710	ppm	1.605	0.0027	0.1681	1.607	1.603
Ca3158	315.887 {1	In2306	ppm	105	2.606	2.482	106.8	103.2
Ca3181	318.128 {1	In2306	ppm	108.6	2.686	2.473	110.5	106.7
Cd2288	228.802 {4	Y_2243	ppm	0.7127	0.0008	0.1185	0.7132	0.7121
Co2286	228.616 {4	In2306	ppm	1.559	0.0027	0.1737	1.561	1.557
Cr2677	267.716 {1	Y_3600	ppm	1.113	0.0026	0.2293	1.115	1.111
Cu3247	324.754 {1	Y_3600	ppm	1.154	0.0048	0.4181	1.158	1.151
Fe2404	240.488 {1	In2306	ppm	166.1	4.072	2.451	169	163.3
K_7664	766.490 { 4	Y_3710	ppm	41.67	0.203	0.4872	41.53	41.81
K_7698	769.896 { 4	Y_3710	ppm	47.13	0.3288	0.6976	46.89	47.36
Li6707	670.784 { 5	Y_3710	ppm	0.0774	0.0008	1.078	0.0768	0.078
Mg2790	279.079 {1	Y_3710	ppm	42.69	0.0598	0.14	42.73	42.65
Mn2576	257.610 {1	Y_3600	ppm	5.149	0.0094	0.1824	5.156	5.142
Mn2576-2	257.610 {1	Y_3710	ppm	4.991	0.0246	0.4931	5.009	4.974
Mo2020	202.030 {4	Y_2243	ppm	0.8608	0.0032	0.3766	0.8631	0.8585
Na5895	589.592 { 5	Y_3710	ppm	6.17	0.0395	0.641	6.142	6.198
Na8183	818.326 { 4	Y_3710	ppm	6.983	0.1207	1.728	7.069	6.898
Ni2316	231.604 {4	In2306	ppm	1.375	0.0025	0.1817	1.377	1.374
P_1782	178.284 {4	In2306	ppm	8.656	0.0318	0.3679	8.679	8.634
Pb2203	220.353 {4	In2306	ppm	1.392	0.0042	0.3041	1.395	1.389
S_1820	182.034 {4	Y_2243	ppm	-21580	12.83	0.0594	-21590	-21570
Sb2068	206.833 {4	Y_2243	ppm	0.7673	0.0009	0.1113	0.7679	0.7667
Se1960	196.090 {4	Y_2243	ppm	1.821	0	0.0014	1.82	1.821
Si2516	251.611 {1	Y_3710	ppm	2.441	0.0183	0.7488	2.454	2.428
Sn1899	189.989 {4	In2306	ppm	1.595	0.0041	0.2568	1.598	1.592
Sr4215	421.552 { 8	Y_3710	ppm	2.36	0.0011	0.0471	2.36	2.359
Ti3349	334.904 {1	Y_3600	ppm	3.599	0.0086	0.2391	3.605	3.593
Tl1908	190.856 {4	In2306	ppm	1.591	0.0056	0.3501	1.595	1.587
V_2924	292.402 {1	Y_3600	ppm	0.6851	0.0021	0.3132	0.6866	0.6836
Zn2062	206.200 {4	In2306	ppm	2.311	0.0062	0.2663	2.316	2.307

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	38.643	0.76605	1.9824	38.102	39.185
In2306	230.606 {4	Cts/S	8752	5.6974	0.0651	8756	8748
Y_2243	224.306 {4	Cts/S	12495	12.024	0.09623	12504	12487
Y_3600	360.073 { 9	Cts/S	97062	118.8	0.1224	96978	97146
Y_3710	371.030 { 9	Cts/S	6304	7.5255	0.11938	6298.7	6309.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0077	0.0003	3.763	0.0079	0.0075

Al3082	308.215 {1	In2306	ppm	250.3	4.072	1.627	253.2	247.5
As1890	189.042 {4	Y_2243	ppm	0.1072	0.0282	26.26	0.0873	0.1271
B_2496	249.678 {1	Y_3710	ppm	75.23	0.8225	1.093	74.65	75.81
Ba4554	455.403 { 7	Y_3710	ppm	1.603	0.0115	0.716	1.595	1.611
Be3130	313.042 {1	Y_3710	ppm	0.0043	0	0.3384	0.0043	0.0043
Ca3158	315.887 {1	In2306	ppm	1279	22.9	1.79	1295	1263
Ca3181	318.128 {1	In2306	ppm	1362	25.45	1.869	1380	1344
Cd2288	228.802 {4	Y_2243	ppm	0.0425	0.0169	39.73	0.0306	0.0544
Co2286	228.616 {4	In2306	ppm	0.184	0.0345	18.73	0.1597	0.2084
Cr2677	267.716 {1	Y_3600	ppm	0.6371	0.0023	0.3561	0.6355	0.6387
Cu3247	324.754 {1	Y_3600	ppm	62.12	0.1371	0.2207	62.22	62.02
Fe2404	240.488 {1	In2306	ppm	538.8	9.415	1.747	545.5	532.2
K_7664	766.490 { 4	Y_3710	ppm	14.9	0.1041	0.6984	14.83	14.98
K_7698	769.896 { 4	Y_3710	ppm	17.01	0.1176	0.6914	16.93	17.1
Li6707	670.784 { 5	Y_3710	ppm	0.121	0.0013	1.082	0.1201	0.1219
Mg2790	279.079 {1	Y_3710	ppm	53.55	0.8715	1.627	52.94	54.17
Mn2576	257.610 {1	Y_3600	ppm	30.32	0.0697	0.2299	30.37	30.27
Mn2576-2	257.610 {1	Y_3710	ppm	40.98	0.2752	0.6714	40.79	41.18
Mo2020	202.030 {4	Y_2243	ppm	0.1068	0.0182	17	0.094	0.1197
Na5895	589.592 { 5	Y_3710	ppm	229.5	0.6249	0.2723	229.9	229
Na8183	818.326 { 4	Y_3710	ppm	259.8	2.622	1.009	257.9	261.6
Ni2316	231.604 {4	In2306	ppm	0.3079	0.0245	7.957	0.2905	0.3252
P_1782	178.284 {4	In2306	ppm	25.62	0.5942	2.32	26.04	25.2
Pb2203	220.353 {4	In2306	ppm	0.5698	0.0136	2.39	0.5602	0.5794
S_1820	182.034 {4	Y_2243	ppm	-682200	18830	2.761	-695500	-668800
Sb2068	206.833 {4	Y_2243	ppm	0.13	0.0145	11.16	0.1197	0.1402
Se1960	196.090 {4	Y_2243	ppm	0.053	0.0384	72.4	0.0259	0.0802
Si2516	251.611 {1	Y_3710	ppm	2.859	0.0248	0.8672	2.841	2.876
Sn1899	189.989 {4	In2306	ppm	0.7706	0.0152	1.976	0.7599	0.7814
Sr4215	421.552 { 8	Y_3710	ppm	8.45	0.051	0.604	8.414	8.486
Ti3349	334.904 {1	Y_3600	ppm	2.609	0	0.0006	2.609	2.609
Tl1908	190.856 {4	In2306	ppm	0.0265	0.0343	129.4	0.0023	0.0508
V_2924	292.402 {1	Y_3600	ppm	0.26	0.0005	0.1913	0.2597	0.2604
Zn2062	206.200 {4	In2306	ppm	108.9	1.521	1.396	110	107.9

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	34.749	0.56391	1.6228	34.351	35.148
In2306	230.606 {4	Cts/S	7075.2	42.416	0.5995	7045.2	7105.2
Y_2243	224.306 {4	Cts/S	11068	69.147	0.62473	11019	11117
Y_3600	360.073 { 9	Cts/S	84284	137.78	0.16347	84187	84382
Y_3710	371.030 { 9	Cts/S	5343.6	55.143	1.0319	5382.6	5304.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.2526	0.0023	0.8924	0.251	0.2542
Al3082	308.215 {1	In2306	ppm	2.458	0.0396	1.609	2.486	2.43
As1890	189.042 {4	Y_2243	ppm	0.4481	0.0016	0.3591	0.447	0.4493
B_2496	249.678 {1	Y_3710	ppm	0.5421	0.0222	4.098	0.5264	0.5578
Ba4554	455.403 { 7	Y_3710	ppm	0.4757	0.001	0.2089	0.4764	0.475
Be3130	313.042 {1	Y_3710	ppm	0.4985	0.001	0.2068	0.4992	0.4978
Ca3158	315.887 {1	In2306	ppm	12.53	0.2707	2.161	12.34	12.72
Ca3181	318.128 {1	In2306	ppm	12.92	0.3679	2.847	12.66	13.18
Cd2288	228.802 {4	Y_2243	ppm	0.4707	0.0001	0.0157	0.4707	0.4708
Co2286	228.616 {4	In2306	ppm	0.5075	0.0036	0.7123	0.51	0.5049
Cr2677	267.716 {1	Y_3600	ppm	0.5394	0.0012	0.2264	0.5386	0.5403
Cu3247	324.754 {1	Y_3600	ppm	0.5127	0.0037	0.7163	0.5153	0.5101
Fe2404	240.488 {1	In2306	ppm	2.497	0.0315	1.263	2.475	2.52
K_7664	766.490 { 4	Y_3710	ppm	10.92	0.1145	1.049	11	10.84
K_7698	769.896 { 4	Y_3710	ppm	12.21	0.1098	0.8994	12.28	12.13
Li6707	670.784 { 5	Y_3710	ppm	0.4465	0.0061	1.371	0.4508	0.4422
Mg2790	279.079 {1	Y_3710	ppm	5.091	0.1159	2.278	5.173	5.009
Mn2576	257.610 {1	Y_3600	ppm	0.5174	0.0019	0.3757	0.516	0.5188
Mn2576-2	257.610 {1	Y_3710	ppm	0.4505	0.0006	0.1334	0.4509	0.45
Mo2020	202.030 {4	Y_2243	ppm	0.4459	0.0005	0.1042	0.4462	0.4455
Na5895	589.592 { 5	Y_3710	ppm	11.6	0.1298	1.119	11.7	11.51
Na8183	818.326 { 4	Y_3710	ppm	12.15	0.1633	1.344	12.26	12.03
Ni2316	231.604 {4	In2306	ppm	0.4722	0.002	0.4133	0.4735	0.4708
P_1782	178.284 {4	In2306	ppm	0.0175	0.0216	123.3	0.0022	0.0328
Pb2203	220.353 {4	In2306	ppm	0.4843	0.0016	0.3311	0.4854	0.4831
S_1820	182.034 {4	Y_2243	ppm	-5516	416.5	7.551	-5222	-5811
Sb2068	206.833 {4	Y_2243	ppm	0.4375	0	0.0021	0.4375	0.4375
Se1960	196.090 {4	Y_2243	ppm	0.4425	0.0012	0.2686	0.4433	0.4416
Si2516	251.611 {1	Y_3710	ppm	0.8096	0.018	2.226	0.7969	0.8223
Sn1899	189.989 {4	In2306	ppm	0.4701	0	0.0071	0.4701	0.4702
Sr4215	421.552 { 8	Y_3710	ppm	0.2349	0.0006	0.2476	0.2353	0.2345
Ti3349	334.904 {1	Y_3600	ppm	0.5184	0.0016	0.3098	0.5173	0.5196
Tl1908	190.856 {4	In2306	ppm	0.4697	0.0005	0.0979	0.47	0.4694
V_2924	292.402 {1	Y_3600	ppm	0.5784	0.0011	0.1895	0.5791	0.5776
Zn2062	206.200 {4	In2306	ppm	0.6527	0.1833	28.08	0.5231	0.7824

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	39.528	0.6722	1.7006	40.003	39.053
In2306	230.606 {4	Cts/S	9775.4	10.645	0.1089	9782.9	9767.9
Y_2243	224.306 {4	Cts/S	12680	35.444	0.27952	12705	12655
Y_3600	360.073 { 9	Cts/S	97752	683.4	0.69912	98235	97268
Y_3710	371.030 { 9	Cts/S	6339.6	33.431	0.52734	6316	6363.3

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0054	0.0002	3.102	0.0053	0.0055
Al3082	308.215	{1	In2306	ppm	0.1559	0.1029	66.03	0.2286	0.0831
As1890	189.042	{4	Y_2243	ppm	0.0097	0.001	10.78	0.0089	0.0104
B_2496	249.678	{1	Y_3710	ppm	0.0227	0.0013	5.884	0.0218	0.0236
Ba4554	455.403	{ 7	Y_3710	ppm	0.0097	0.0001	1.064	0.0098	0.0097
Be3130	313.042	{1	Y_3710	ppm	0.0046	0.0002	3.593	0.0045	0.0047
Ca3158	315.887	{1	In2306	ppm	0.0887	0.0005	0.5791	0.0884	0.0891
Ca3181	318.128	{1	In2306	ppm	0.1546	0.0659	42.63	0.108	0.2012
Cd2288	228.802	{4	Y_2243	ppm	0.0056	0.0013	22.95	0.0047	0.0065
Co2286	228.616	{4	In2306	ppm	0.0106	0.0017	15.73	0.0094	0.0118
Cr2677	267.716	{1	Y_3600	ppm	0.011	0.0004	3.812	0.0113	0.0107
Cu3247	324.754	{1	Y_3600	ppm	0.0088	0.0001	0.8302	0.0089	0.0088
Fe2404	240.488	{1	In2306	ppm	0.0998	0.0068	6.77	0.095	0.1045
K_7664	766.490	{ 4	Y_3710	ppm	0.5168	0.025	4.842	0.5345	0.4992
K_7698	769.896	{ 4	Y_3710	ppm	0.617	0.0497	8.06	0.6522	0.5819
Li6707	670.784	{ 5	Y_3710	ppm	0.0086	0.0002	2.186	0.0088	0.0085
Mg2790	279.079	{1	Y_3710	ppm	0.0958	0.034	35.53	0.0717	0.1198
Mn2576	257.610	{1	Y_3600	ppm	0.0106	0.0001	0.8507	0.0105	0.0106
Mn2576-2	257.610	{1	Y_3710	ppm	0.0099	0.0013	13.05	0.0108	0.009
Mo2020	202.030	{4	Y_2243	ppm	0.0107	0.0017	16.17	0.0095	0.0119
Na5895	589.592	{ 5	Y_3710	ppm	0.5512	0.0138	2.498	0.5609	0.5415
Na8183	818.326	{ 4	Y_3710	ppm	0.3702	0.1448	39.11	0.4726	0.2678
Ni2316	231.604	{4	In2306	ppm	0.0099	0.0011	11.56	0.0091	0.0107
P_1782	178.284	{4	In2306	ppm	0.0102	0.0012	11.6	0.0094	0.0111
Pb2203	220.353	{4	In2306	ppm	0.0099	0.0023	22.92	0.0083	0.0115
S_1820	182.034	{4	Y_2243	ppm	-106	26.39	24.88	-87.39	-124.7
Sb2068	206.833	{4	Y_2243	ppm	0.0178	0.0018	9.891	0.0166	0.0191
Se1960	196.090	{4	Y_2243	ppm	0.0091	0.0011	12.26	0.0083	0.0099
Si2516	251.611	{1	Y_3710	ppm	-0.0112	0.0042	37.1	-0.0083	-0.0142
Sn1899	189.989	{4	In2306	ppm	0.0103	0.0018	17.57	0.009	0.0116
Sr4215	421.552	{ 8	Y_3710	ppm	0.0046	0.0001	1.185	0.0045	0.0046
Ti3349	334.904	{1	Y_3600	ppm	0.0115	0.0001	0.8456	0.0114	0.0116
Tl1908	190.856	{4	In2306	ppm	0.0112	0.0016	14.12	0.0101	0.0123
V_2924	292.402	{1	Y_3600	ppm	0.0118	0	0.0384	0.0118	0.0118
Zn2062	206.200	{4	In2306	ppm	0.0161	0.008	49.34	0.0105	0.0217

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	40.464	0.11479	0.28368	40.545	40.383
In2306	230.606	{4	Cts/S	10387	10.016	0.09642	10394	10380
Y_2243	224.306	{4	Cts/S	13034	1.2423	0.00953	13034	13033
Y_3600	360.073	{ 9	Cts/S	100640	115.2	0.11447	100560	100720
Y_3710	371.030	{ 9	Cts/S	6495.2	19.94	0.307	6509.3	6481.1

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0004	1669	-0.0003	0.0003
Al3082	308.215	{1	In2306	ppm	0.0311	0.0105	33.7	0.0237	0.0385
As1890	189.042	{4	Y_2243	ppm	-0.0003	0.001	400.4	-0.001	0.0005
B_2496	249.678	{1	Y_3710	ppm	-0.0006	0.0035	556.3	0.0019	-0.0031
Ba4554	455.403	{ 7	Y_3710	ppm	0.0003	0.0001	50.8	0.0004	0.0002
Be3130	313.042	{1	Y_3710	ppm	0	0	7.875	-0.0001	0
Ca3158	315.887	{1	In2306	ppm	-0.0125	0.0013	10.17	-0.0116	-0.0134
Ca3181	318.128	{1	In2306	ppm	-0.0382	0.0089	23.19	-0.0445	-0.032
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0.0001	52.17	-0.0001	-0.0001
Co2286	228.616	{4	In2306	ppm	-0.0002	0	0.4574	-0.0002	-0.0002
Cr2677	267.716	{1	Y_3600	ppm	-0.0002	0.0004	180.7	0.0001	-0.0004
Cu3247	324.754	{1	Y_3600	ppm	-0.0005	0.0001	10.82	-0.0006	-0.0005
Fe2404	240.488	{1	In2306	ppm	-0.0465	0.0222	47.71	-0.0622	-0.0308
K_7664	766.490	{ 4	Y_3710	ppm	0.0223	0.0112	50.47	0.0143	0.0302
K_7698	769.896	{ 4	Y_3710	ppm	0.0202	0.0365	180.8	-0.0056	0.046
Li6707	670.784	{ 5	Y_3710	ppm	0.0003	0.0002	70.48	0.0002	0.0005
Mg2790	279.079	{1	Y_3710	ppm	0.0077	0.0309	403.4	0.0295	-0.0142
Mn2576	257.610	{1	Y_3600	ppm	0.0001	0.0001	59.54	0.0001	0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	0.0009	0.0007	80.26	0.0004	0.0015
Mo2020	202.030	{4	Y_2243	ppm	-0.0001	0	25.22	-0.0002	-0.0001
Na5895	589.592	{ 5	Y_3710	ppm	0.0149	0.002	13.66	0.0163	0.0135
Na8183	818.326	{ 4	Y_3710	ppm	0.0622	0.0244	39.23	0.0795	0.045
Ni2316	231.604	{4	In2306	ppm	-0.0002	0.0001	53.28	-0.0003	-0.0001
P_1782	178.284	{4	In2306	ppm	-0.0003	0	3.929	-0.0003	-0.0003
Pb2203	220.353	{4	In2306	ppm	-0.0004	0.0011	257.6	0.0004	-0.0013
S_1820	182.034	{4	Y_2243	ppm	-54.69	8.679	15.87	-60.83	-48.55
Sb2068	206.833	{4	Y_2243	ppm	0.0029	0.0002	7.071	0.0028	0.0031
Se1960	196.090	{4	Y_2243	ppm	0.0001	0	88.5	0	0.0001
Si2516	251.611	{1	Y_3710	ppm	-0.0248	0.0051	20.39	-0.0212	-0.0284
Sn1899	189.989	{4	In2306	ppm	-0.0001	0.0001	53.35	-0.0001	-0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	-0.0001	0	32.84	-0.0001	-0.0001
Ti3349	334.904	{1	Y_3600	ppm	0.0008	0.0005	63.43	0.0004	0.0011
Tl1908	190.856	{4	In2306	ppm	-0.0007	0.0009	126.8	-0.0013	-0.0001
V_2924	292.402	{1	Y_3600	ppm	0.0003	0.0002	57.53	0.0005	0.0002
Zn2062	206.200	{4	In2306	ppm	0.0017	0.0001	5.433	0.0016	0.0017

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	40.17	0.50255	1.2511	40.525	39.814
In2306	230.606	{4	Cts/S	10399	5.4034	0.05196	10396	10403
Y_2243	224.306	{4	Cts/S	12936	11.983	0.09263	12927	12944
Y_3600	360.073	{ 9	Cts/S	100350	1444.2	1.4391	99333	101370
Y_3710	371.030	{ 9	Cts/S	6557.2	195.47	2.981	6419	6695.4

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Custom ID2=
Custom ID3=
Run Time=1/16/2012 14:03:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0016	0.0007	43.09	-0.0021	-0.0011
Al3082	308.215	{1	In2306	ppm	302.2	7.829	2.591	307.7	296.6
As1890	189.042	{4	Y_2243	ppm	0.0991	0.0038	3.844	0.0964	0.1018
B_2496	249.678	{1	Y_3710	ppm	1.015	0.0268	2.636	1.034	0.9965
Ba4554	455.403	{ 7	Y_3710	ppm	2.361	0.0177	0.7508	2.349	2.374
Be3130	313.042	{1	Y_3710	ppm	0.0164	0.0004	2.637	0.0167	0.0161
Ca3158	315.887	{1	In2306	ppm	1623	64.48	3.972	1669	1578
Ca3181	318.128	{1	In2306	ppm	1758	70.22	3.993	1808	1709
Cd2288	228.802	{4	Y_2243	ppm	0.0083	0.0002	2.276	0.0082	0.0084
Co2286	228.616	{4	In2306	ppm	0.123	0.0051	4.159	0.1194	0.1266
Cr2677	267.716	{1	Y_3600	ppm	0.2481	0.0002	0.0988	0.2483	0.248
Cu3247	324.754	{1	Y_3600	ppm	0.6113	0.0033	0.5479	0.6137	0.6089
Fe2404	240.488	{1	In2306	ppm	249.9	9.679	3.873	256.8	243.1
K_7664	766.490	{ 4	Y_3710	ppm	21.13	0.3391	1.605	20.89	21.36
K_7698	769.896	{ 4	Y_3710	ppm	24.5	0.2646	1.08	24.31	24.69
Li6707	670.784	{ 5	Y_3710	ppm	0.1306	0.002	1.544	0.1292	0.132
Mg2790	279.079	{1	Y_3710	ppm	38.89	0.1434	0.3688	38.99	38.79
Mn2576	257.610	{1	Y_3600	ppm	8.398	0.0586	0.6979	8.357	8.44
Mn2576-2	257.610	{1	Y_3710	ppm	9.316	0.0398	0.4269	9.344	9.288
Mo2020	202.030	{4	Y_2243	ppm	0.0016	0.0001	8.715	0.0015	0.0017
Na5895	589.592	{ 5	Y_3710	ppm	4.602	0.0563	1.224	4.562	4.641
Na8183	818.326	{ 4	Y_3710	ppm	5.258	0.0384	0.7311	5.285	5.231
Ni2316	231.604	{4	In2306	ppm	0.2817	0.012	4.247	0.2733	0.2902
P_1782	178.284	{4	In2306	ppm	5.894	0.222	3.767	5.737	6.051
Pb2203	220.353	{4	In2306	ppm	0.2138	0.0103	4.809	0.2065	0.2211
S_1820	182.034	{4	Y_2243	ppm	-12400	443.1	3.574	-12090	-12710
Sb2068	206.833	{4	Y_2243	ppm	-0.0052	0.0026	50.12	-0.007	-0.0033
Se1960	196.090	{4	Y_2243	ppm	0.0104	0.001	9.335	0.0098	0.0111
Si2516	251.611	{1	Y_3710	ppm	3.723	0.0335	0.901	3.747	3.7
Sn1899	189.989	{4	In2306	ppm	0.0442	0.0009	2.016	0.0436	0.0449
Sr4215	421.552	{ 8	Y_3710	ppm	2.84	0.0225	0.7937	2.824	2.856
Ti3349	334.904	{1	Y_3600	ppm	0.2379	0.0001	0.0428	0.2378	0.238
Tl1908	190.856	{4	In2306	ppm	-0.0131	0.0007	5.422	-0.0136	-0.0126
V_2924	292.402	{1	Y_3600	ppm	0.5942	0.0015	0.2528	0.5953	0.5931
Zn2062	206.200	{4	In2306	ppm	1.702	0.0666	3.913	1.655	1.749

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	35.311	1.15	3.2566	34.498	36.124
In2306	230.606	{4	Cts/S	6991.9	228.44	3.2673	7153.4	6830.4
Y_2243	224.306	{4	Cts/S	12416	332.12	2.6749	12651	12181
Y_3600	360.073	{ 9	Cts/S	94693	59.864	0.06322	94735	94651
Y_3710	371.030	{ 9	Cts/S	6142.2	5.378	0.08756	6146	6138.4

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Custom ID3=
Run Time=1/16/2012 14:05:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0013	0.0001	10.88	-0.0012	-0.0014
Al3082	308.215 {1	In2306	ppm	198.3	7.158	3.61	193.2	203.4
As1890	189.042 {4	Y_2243	ppm	0.097	0.0011	1.161	0.0978	0.0962
B_2496	249.678 {1	Y_3710	ppm	0.2392	0.0149	6.218	0.2497	0.2287
Ba4554	455.403 { 7	Y_3710	ppm	2.187	0.0621	2.839	2.231	2.143
Be3130	313.042 {1	Y_3710	ppm	0.0099	0.0003	2.821	0.0101	0.0097
Ca3158	315.887 {1	In2306	ppm	3150	124.2	3.944	3062	3238
Ca3181	318.128 {1	In2306	ppm	3689	141.4	3.832	3589	3789
Cd2288	228.802 {4	Y_2243	ppm	0.0055	0.0001	1.66	0.0054	0.0055
Co2286	228.616 {4	In2306	ppm	0.1148	0.0011	0.9878	0.1156	0.114
Cr2677	267.716 {1	Y_3600	ppm	0.1702	0.0042	2.487	0.1672	0.1732
Cu3247	324.754 {1	Y_3600	ppm	1.113	0.0337	3.028	1.089	1.137
Fe2404	240.488 {1	In2306	ppm	178.4	6.435	3.608	173.8	182.9
K_7664	766.490 { 4	Y_3710	ppm	15.33	0.429	2.798	15.64	15.03
K_7698	769.896 { 4	Y_3710	ppm	17.84	0.5196	2.913	18.21	17.47
Li6707	670.784 { 5	Y_3710	ppm	0.1232	0.0032	2.567	0.1254	0.1209
Mg2790	279.079 {1	Y_3710	ppm	38.34	1.401	3.654	39.33	37.35
Mn2576	257.610 {1	Y_3600	ppm	10.24	0.2699	2.636	10.05	10.43
Mn2576-2	257.610 {1	Y_3710	ppm	11.66	0.3585	3.074	11.92	11.41
Mo2020	202.030 {4	Y_2243	ppm	0.0026	0	1.362	0.0026	0.0026
Na5895	589.592 { 5	Y_3710	ppm	3.586	0.1015	2.829	3.658	3.514
Na8183	818.326 { 4	Y_3710	ppm	4.029	0.1496	3.712	4.135	3.923
Ni2316	231.604 {4	In2306	ppm	0.2472	0.0013	0.5137	0.2481	0.2463
P_1782	178.284 {4	In2306	ppm	8.532	0.121	1.418	8.618	8.447
Pb2203	220.353 {4	In2306	ppm	0.1705	0.0008	0.4714	0.1699	0.1711
S_1820	182.034 {4	Y_2243	ppm	-18120	213.5	1.178	-18270	-17960
Sb2068	206.833 {4	Y_2243	ppm	-0.0044	0.0032	72.8	-0.0021	-0.0067
Se1960	196.090 {4	Y_2243	ppm	0.0072	0.0027	38.19	0.0052	0.0091
Si2516	251.611 {1	Y_3710	ppm	4.739	0.2031	4.286	4.883	4.595
Sn1899	189.989 {4	In2306	ppm	0.0387	0	0.1289	0.0387	0.0386
Sr4215	421.552 { 8	Y_3710	ppm	7.556	0.2231	2.952	7.714	7.399
Ti3349	334.904 {1	Y_3600	ppm	0.3072	0.0093	3.034	0.3006	0.3138
Tl1908	190.856 {4	In2306	ppm	-0.0145	0.0015	10.16	-0.0155	-0.0134
V_2924	292.402 {1	Y_3600	ppm	0.4526	0.0126	2.79	0.4437	0.4616
Zn2062	206.200 {4	In2306	ppm	1.119	0.0007	0.0656	1.118	1.119

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	35.157	1.5173	4.3157	36.23	34.084
In2306	230.606 {4	Cts/S	6454.2	29.3	0.45398	6433.5	6474.9
Y_2243	224.306 {4	Cts/S	11444	33.766	0.29506	11420	11468
Y_3600	360.073 { 9	Cts/S	87333	1833.8	2.0998	88630	86036
Y_3710	371.030 { 9	Cts/S	5961.8	146.07	2.4502	5858.5	6065.1

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Custom ID3=
Run Time=1/16/2012 14:08:38
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0025	0.0002	7.042	-0.0024	-0.0026
Al3082	308.215 {1	In2306	ppm	291.6	4.451	1.526	288.4	294.7
As1890	189.042 {4	Y_2243	ppm	0.2127	0.0009	0.4462	0.212	0.2133
B_2496	249.678 {1	Y_3710	ppm	0.9428	0.0043	0.4566	0.9397	0.9458
Ba4554	455.403 { 7	Y_3710	ppm	2.726	0.0055	0.2034	2.723	2.73
Be3130	313.042 {1	Y_3710	ppm	0.0141	0.0002	1.149	0.0139	0.0142
Ca3158	315.887 {1	In2306	ppm	2297	23.11	1.006	2280	2313
Ca3181	318.128 {1	In2306	ppm	2543	29.78	1.171	2522	2564
Cd2288	228.802 {4	Y_2243	ppm	0.0042	0	0.3871	0.0042	0.0042
Co2286	228.616 {4	In2306	ppm	0.1645	0.0005	0.318	0.1649	0.1642
Cr2677	267.716 {1	Y_3600	ppm	0.2454	0.0028	1.137	0.2473	0.2434
Cu3247	324.754 {1	Y_3600	ppm	0.2212	0.0014	0.6214	0.2221	0.2202
Fe2404	240.488 {1	In2306	ppm	239.7	2.403	1.003	238	241.4
K_7664	766.490 { 4	Y_3710	ppm	22.35	0.0733	0.3279	22.3	22.4
K_7698	769.896 { 4	Y_3710	ppm	26.08	0.0005	0.0018	26.08	26.08
Li6707	670.784 { 5	Y_3710	ppm	0.1325	0.0002	0.1217	0.1327	0.1324
Mg2790	279.079 {1	Y_3710	ppm	49.3	0.0264	0.0535	49.29	49.32
Mn2576	257.610 {1	Y_3600	ppm	12.77	0.01	0.0786	12.76	12.78
Mn2576-2	257.610 {1	Y_3710	ppm	14.35	0.0007	0.0047	14.35	14.35
Mo2020	202.030 {4	Y_2243	ppm	0.0027	0.0003	9.966	0.0029	0.0025
Na5895	589.592 { 5	Y_3710	ppm	2.437	0.0095	0.3916	2.443	2.43
Na8183	818.326 { 4	Y_3710	ppm	2.937	0.0659	2.244	2.89	2.983
Ni2316	231.604 {4	In2306	ppm	0.305	0.0002	0.0806	0.3049	0.3052
P_1782	178.284 {4	In2306	ppm	6.395	0.0044	0.0682	6.398	6.392
Pb2203	220.353 {4	In2306	ppm	0.2411	0.003	1.23	0.239	0.2432
S_1820	182.034 {4	Y_2243	ppm	-14070	84.45	0.6003	-14130	-14010
Sb2068	206.833 {4	Y_2243	ppm	-0.0081	0.0009	11.12	-0.0075	-0.0088
Se1960	196.090 {4	Y_2243	ppm	0.0083	0.0002	2.125	0.0082	0.0084
Si2516	251.611 {1	Y_3710	ppm	3.911	0.0252	0.6447	3.928	3.893
Sn1899	189.989 {4	In2306	ppm	0.0435	0.0003	0.7445	0.0437	0.0433
Sr4215	421.552 { 8	Y_3710	ppm	2.961	0.005	0.1675	2.957	2.964
Ti3349	334.904 {1	Y_3600	ppm	0.226	0.003	1.312	0.2281	0.2239
Tl1908	190.856 {4	In2306	ppm	-0.0161	0.0007	4.582	-0.0167	-0.0156
V_2924	292.402 {1	Y_3600	ppm	0.6594	0.0042	0.6398	0.6624	0.6564
Zn2062	206.200 {4	In2306	ppm	0.756	0.0016	0.2132	0.7549	0.7572

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	33.653	0.38568	1.146	33.926	33.38
In2306	230.606 {4	Cts/S	6857.4	10.386	0.15146	6864.8	6850.1
Y_2243	224.306 {4	Cts/S	12106	4.4598	0.03684	12103	12109
Y_3600	360.073 { 9	Cts/S	90316	90.386	0.10008	90252	90379
Y_3710	371.030 { 9	Cts/S	5907.4	18.254	0.309	5920.3	5894.5

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Sample Type=Unk

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.002	0.0003	14.69	-0.0022	-0.0018
Al3082	308.215 {1	In2306	ppm	151.3	3.698	2.444	148.7	153.9
As1890	189.042 {4	Y_2243	ppm	0.1075	0.0046	4.297	0.1042	0.1107
B_2496	249.678 {1	Y_3710	ppm	1.023	0.0027	0.2676	1.025	1.021
Ba4554	455.403 { 7	Y_3710	ppm	1.442	0.0071	0.4957	1.447	1.437
Be3130	313.042 {1	Y_3710	ppm	0.0081	0.0006	7.662	0.0085	0.0077
Ca3158	315.887 {1	In2306	ppm	3664	108.9	2.971	3587	3741
Ca3181	318.128 {1	In2306	ppm	4344	113.7	2.618	4264	4424
Cd2288	228.802 {4	Y_2243	ppm	0.0034	0	1.339	0.0034	0.0035
Co2286	228.616 {4	In2306	ppm	0.0773	0.0018	2.344	0.076	0.0786
Cr2677	267.716 {1	Y_3600	ppm	0.2419	0.002	0.8394	0.2433	0.2405
Cu3247	324.754 {1	Y_3600	ppm	0.2184	0.0002	0.0922	0.2183	0.2185
Fe2404	240.488 {1	In2306	ppm	152.4	3.445	2.26	150	154.9
K_7664	766.490 { 4	Y_3710	ppm	11.71	0.0405	0.3456	11.73	11.68
K_7698	769.896 { 4	Y_3710	ppm	13.7	0.079	0.5769	13.76	13.64
Li6707	670.784 { 5	Y_3710	ppm	0.0955	0.0006	0.6744	0.096	0.0951
Mg2790	279.079 {1	Y_3710	ppm	34.03	0.0214	0.0629	34.02	34.05
Mn2576	257.610 {1	Y_3600	ppm	7.013	0.0125	0.1788	7.004	7.022
Mn2576-2	257.610 {1	Y_3710	ppm	7.113	0.0122	0.1718	7.122	7.104
Mo2020	202.030 {4	Y_2243	ppm	0.0026	0.0003	11.15	0.0024	0.0028
Na5895	589.592 { 5	Y_3710	ppm	2.05	0.0103	0.5029	2.057	2.043
Na8183	818.326 { 4	Y_3710	ppm	2.298	0.0854	3.717	2.238	2.359
Ni2316	231.604 {4	In2306	ppm	0.1508	0.0035	2.324	0.1484	0.1533
P_1782	178.284 {4	In2306	ppm	10.29	0.2437	2.369	10.12	10.46
Pb2203	220.353 {4	In2306	ppm	0.1433	0.003	2.109	0.1411	0.1454
S_1820	182.034 {4	Y_2243	ppm	-14510	354	2.439	-14260	-14760
Sb2068	206.833 {4	Y_2243	ppm	-0.0067	0.0018	27.17	-0.0054	-0.008
Se1960	196.090 {4	Y_2243	ppm	0.0078	0.0026	33.87	0.0059	0.0097
Si2516	251.611 {1	Y_3710	ppm	3.329	0.0201	0.6034	3.343	3.315
Sn1899	189.989 {4	In2306	ppm	0.0387	0.0022	5.789	0.0371	0.0402
Sr4215	421.552 { 8	Y_3710	ppm	3.935	0.0191	0.4844	3.948	3.921
Ti3349	334.904 {1	Y_3600	ppm	0.243	0.0003	0.1073	0.2428	0.2431
Tl1908	190.856 {4	In2306	ppm	-0.0115	0.0005	4.693	-0.0111	-0.0118
V_2924	292.402 {1	Y_3600	ppm	0.3604	0.0004	0.1195	0.3607	0.3601
Zn2062	206.200 {4	In2306	ppm	0.5539	0.012	2.165	0.5454	0.5624

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	32.37	0.81659	2.5227	32.947	31.792
In2306	230.606 {4	Cts/S	6311	152.08	2.4097	6418.5	6203.5
Y_2243	224.306 {4	Cts/S	10986	243.38	2.2153	11159	10814
Y_3600	360.073 { 9	Cts/S	84100	107.45	0.12777	84176	84024
Y_3710	371.030 { 9	Cts/S	6043.7	12.823	0.21217	6034.7	6052.8

[Sample Header]
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SampleName=600-48846-C-4-C MS
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 14:13:55

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.5709	0.0052	0.918	0.5746	0.5672
Al3082	308.215	{1	In2306	ppm	288.6	2.086	0.7229	287.1	290
As1890	189.042	{4	Y_2243	ppm	1.023	0.0056	0.552	1.019	1.027
B_2496	249.678	{1	Y_3710	ppm	1.927	0.0019	0.0961	1.926	1.928
Ba4554	455.403	{ 7	Y_3710	ppm	2.953	0.0087	0.2934	2.947	2.959
Be3130	313.042	{1	Y_3710	ppm	0.5077	0.0043	0.8371	0.5047	0.5107
Ca3158	315.887	{1	In2306	ppm	3715	53.26	1.434	3677	3752
Ca3181	318.128	{1	In2306	ppm	4467	100.7	2.255	4396	4539
Cd2288	228.802	{4	Y_2243	ppm	0.4829	0.0063	1.301	0.4784	0.4873
Co2286	228.616	{4	In2306	ppm	1.176	0.0102	0.869	1.168	1.183
Cr2677	267.716	{1	Y_3600	ppm	1.15	0.0161	1.399	1.161	1.139
Cu3247	324.754	{1	Y_3600	ppm	1.264	0.0143	1.131	1.274	1.254
Fe2404	240.488	{1	In2306	ppm	229.1	3.744	1.634	226.5	231.8
K_7664	766.490	{ 4	Y_3710	ppm	32.53	0.2242	0.6892	32.69	32.37
K_7698	769.896	{ 4	Y_3710	ppm	38.63	0.2403	0.622	38.8	38.46
Li6707	670.784	{ 5	Y_3710	ppm	0.6567	0.0067	1.026	0.6614	0.6519
Mg2790	279.079	{1	Y_3710	ppm	65.94	1.145	1.736	65.13	66.75
Mn2576	257.610	{1	Y_3600	ppm	10.07	0.024	0.2382	10.05	10.09
Mn2576-2	257.610	{1	Y_3710	ppm	11.26	0.073	0.6487	11.21	11.31
Mo2020	202.030	{4	Y_2243	ppm	0.6776	0.0055	0.8051	0.6738	0.6815
Na5895	589.592	{ 5	Y_3710	ppm	13.99	0.1389	0.9931	14.08	13.89
Na8183	818.326	{ 4	Y_3710	ppm	15.37	0.1012	0.6586	15.3	15.44
Ni2316	231.604	{4	In2306	ppm	1.2	0.0111	0.9207	1.193	1.208
P_1782	178.284	{4	In2306	ppm	7.222	0.0984	1.363	7.153	7.292
Pb2203	220.353	{4	In2306	ppm	1.13	0.0081	0.7168	1.125	1.136
S_1820	182.034	{4	Y_2243	ppm	-19470	187.3	0.9619	-19340	-19600
Sb2068	206.833	{4	Y_2243	ppm	0.342	0.0042	1.233	0.339	0.345
Se1960	196.090	{4	Y_2243	ppm	0.8686	0.0073	0.8404	0.8635	0.8738
Si2516	251.611	{1	Y_3710	ppm	4.569	0.0413	0.905	4.598	4.539
Sn1899	189.989	{4	In2306	ppm	0.9584	0.0108	1.127	0.9508	0.9661
Sr4215	421.552	{ 8	Y_3710	ppm	5.787	0.0158	0.2736	5.776	5.798
Ti3349	334.904	{1	Y_3600	ppm	0.7186	0.0107	1.489	0.7262	0.7111
Tl1908	190.856	{4	In2306	ppm	0.8574	0.011	1.278	0.8496	0.8651
V_2924	292.402	{1	Y_3600	ppm	1.545	0.0156	1.012	1.556	1.534
Zn2062	206.200	{4	In2306	ppm	1.825	0.0168	0.9184	1.813	1.837

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	31.41	0.33278	1.0595	31.645	31.174
In2306	230.606	{4	Cts/S	6220.9	53.289	0.85661	6258.6	6183.2
Y_2243	224.306	{4	Cts/S	10976	95.027	0.86576	11043	10909
Y_3600	360.073	{ 9	Cts/S	81886	740.6	0.90444	81362	82409
Y_3710	371.030	{ 9	Cts/S	5391.9	33.666	0.62438	5415.7	5368.1

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Custom ID1=
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Custom ID3=

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.5503	0.0055	1.005	0.5464	0.5542
Al3082	308.215	{1	In2306	ppm	352.5	4.853	1.377	349.1	356
As1890	189.042	{4	Y_2243	ppm	1.026	0.0003	0.0271	1.026	1.026
B_2496	249.678	{1	Y_3710	ppm	1.963	0.0027	0.1375	1.965	1.961
Ba4554	455.403	{ 7	Y_3710	ppm	3.663	0.0073	0.199	3.658	3.669
Be3130	313.042	{1	Y_3710	ppm	0.5175	0.0008	0.1475	0.5169	0.518
Ca3158	315.887	{1	In2306	ppm	3177	18.74	0.59	3164	3191
Ca3181	318.128	{1	In2306	ppm	3628	19.57	0.5395	3614	3642
Cd2288	228.802	{4	Y_2243	ppm	0.4755	0.0004	0.0802	0.4758	0.4752
Co2286	228.616	{4	In2306	ppm	1.214	0.0043	0.3519	1.217	1.211
Cr2677	267.716	{1	Y_3600	ppm	1.386	0.0101	0.7259	1.379	1.393
Cu3247	324.754	{1	Y_3600	ppm	1.344	0.0017	0.1237	1.343	1.345
Fe2404	240.488	{1	In2306	ppm	260.7	1.517	0.5818	259.7	261.8
K_7664	766.490	{ 4	Y_3710	ppm	37.36	0.4368	1.169	37.05	37.67
K_7698	769.896	{ 4	Y_3710	ppm	44.12	0.5219	1.183	43.75	44.49
Li6707	670.784	{ 5	Y_3710	ppm	0.6837	0.0098	1.439	0.6767	0.6906
Mg2790	279.079	{1	Y_3710	ppm	68.95	0.5705	0.8274	69.35	68.55
Mn2576	257.610	{1	Y_3600	ppm	12.87	0.0123	0.0956	12.88	12.86
Mn2576-2	257.610	{1	Y_3710	ppm	14.7	0.0802	0.5456	14.75	14.64
Mo2020	202.030	{4	Y_2243	ppm	0.6637	0.002	0.3086	0.6652	0.6623
Na5895	589.592	{ 5	Y_3710	ppm	14.02	0.1599	1.14	13.91	14.14
Na8183	818.326	{ 4	Y_3710	ppm	15.27	0.1425	0.9331	15.17	15.37
Ni2316	231.604	{4	In2306	ppm	1.258	0.0033	0.2643	1.261	1.256
P_1782	178.284	{4	In2306	ppm	7.176	0.0303	0.4227	7.197	7.154
Pb2203	220.353	{4	In2306	ppm	1.179	0.0053	0.4531	1.183	1.175
S_1820	182.034	{4	Y_2243	ppm	-17640	96.91	0.5494	-17570	-17710
Sb2068	206.833	{4	Y_2243	ppm	0.3363	0.0033	0.9904	0.3339	0.3386
Se1960	196.090	{4	Y_2243	ppm	0.851	0.0018	0.2124	0.8523	0.8497
Si2516	251.611	{1	Y_3710	ppm	4.966	0.0544	1.095	5.005	4.928
Sn1899	189.989	{4	In2306	ppm	0.9711	0.0053	0.5454	0.9748	0.9674
Sr4215	421.552	{ 8	Y_3710	ppm	4.558	0.0076	0.1673	4.552	4.563
Ti3349	334.904	{1	Y_3600	ppm	0.6782	0.005	0.7309	0.6747	0.6818
Tl1908	190.856	{4	In2306	ppm	0.8689	0.0067	0.7685	0.8736	0.8641
V_2924	292.402	{1	Y_3600	ppm	1.64	0.004	0.2468	1.637	1.643
Zn2062	206.200	{4	In2306	ppm	2.02	0.0117	0.5791	2.029	2.012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	30.141	0.38343	1.2721	30.412	29.87
In2306	230.606	{4	Cts/S	6475.3	3.0492	0.04709	6473.1	6477.4
Y_2243	224.306	{4	Cts/S	11447	17.923	0.15657	11459	11434
Y_3600	360.073	{ 9	Cts/S	86172	381.11	0.44227	86441	85903
Y_3710	371.030	{ 9	Cts/S	5359	7.1554	0.13352	5364.1	5354

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Custom ID3=
Run Time=1/16/2012 14:18:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0022	0	0.7317	-0.0022	-0.0022
Al3082	308.215	{1	In2306	ppm	257.8	0.4409	0.171	258.1	257.5
As1890	189.042	{4	Y_2243	ppm	0.2189	0.0041	1.856	0.216	0.2218
B_2496	249.678	{1	Y_3710	ppm	1.987	0.0172	0.8657	1.999	1.974
Ba4554	455.403	{ 7	Y_3710	ppm	6.794	0.0765	1.126	6.849	6.74
Be3130	313.042	{1	Y_3710	ppm	0.0146	0	0.16	0.0146	0.0147
Ca3158	315.887	{1	In2306	ppm	2695	7.264	0.2695	2690	2701
Ca3181	318.128	{1	In2306	ppm	3022	6.108	0.2021	3018	3026
Cd2288	228.802	{4	Y_2243	ppm	0.0066	0.0008	12.62	0.006	0.0072
Co2286	228.616	{4	In2306	ppm	0.3955	0.0085	2.145	0.3895	0.4015
Cr2677	267.716	{1	Y_3600	ppm	0.2089	0.0011	0.5124	0.2081	0.2096
Cu3247	324.754	{1	Y_3600	ppm	0.2585	0.002	0.7768	0.257	0.2599
Fe2404	240.488	{1	In2306	ppm	230.7	0.3693	0.16	230.5	231
K_7664	766.490	{ 4	Y_3710	ppm	19	0.3034	1.597	19.22	18.79
K_7698	769.896	{ 4	Y_3710	ppm	22.26	0.3353	1.506	22.5	22.03
Li6707	670.784	{ 5	Y_3710	ppm	0.1267	0.0038	2.982	0.1294	0.124
Mg2790	279.079	{1	Y_3710	ppm	42.48	0.311	0.7321	42.26	42.7
Mn2576	257.610	{1	Y_3600	ppm	39.5	0.6503	1.646	39.04	39.96
Mn2576-2	257.610	{1	Y_3710	ppm	53.86	0.2941	0.546	54.07	53.65
Mo2020	202.030	{4	Y_2243	ppm	0.0109	0.002	18.31	0.0095	0.0124
Na5895	589.592	{ 5	Y_3710	ppm	5.116	0.0866	1.692	5.177	5.054
Na8183	818.326	{ 4	Y_3710	ppm	5.728	0.076	1.327	5.675	5.782
Ni2316	231.604	{4	In2306	ppm	0.6579	0.011	1.672	0.6501	0.6657
P_1782	178.284	{4	In2306	ppm	6.826	0.1274	1.866	6.736	6.916
Pb2203	220.353	{4	In2306	ppm	0.3279	0.0008	0.2451	0.3273	0.3285
S_1820	182.034	{4	Y_2243	ppm	-20140	311.6	1.547	-19920	-20360
Sb2068	206.833	{4	Y_2243	ppm	0.0013	0.0001	6.448	0.0012	0.0013
Se1960	196.090	{4	Y_2243	ppm	0.0233	0.0054	23.2	0.0195	0.0271
Si2516	251.611	{1	Y_3710	ppm	4.092	0.0454	1.108	4.124	4.06
Sn1899	189.989	{4	In2306	ppm	0.0452	0.0028	6.179	0.0432	0.0471
Sr4215	421.552	{ 8	Y_3710	ppm	3.856	0.0462	1.199	3.889	3.824
Ti3349	334.904	{1	Y_3600	ppm	0.261	0.0004	0.1492	0.2608	0.2613
Tl1908	190.856	{4	In2306	ppm	0.0044	0.0027	60.51	0.0025	0.0063
V_2924	292.402	{1	Y_3600	ppm	0.8221	0.0075	0.9154	0.8168	0.8274
Zn2062	206.200	{4	In2306	ppm	0.7279	0.0124	1.71	0.7191	0.7367

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	30.31	0.02899	0.09563	30.331	30.29
In2306	230.606	{4	Cts/S	6673	101.35	1.5187	6744.7	6601.4
Y_2243	224.306	{4	Cts/S	11825	166.59	1.4088	11943	11707
Y_3600	360.073	{ 9	Cts/S	88549	954.42	1.0779	89224	87874
Y_3710	371.030	{ 9	Cts/S	5715.9	22.437	0.39254	5700	5731.7

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0017	0.0003	14.65	-0.0016	-0.0019
Al3082	308.215 {1	In2306	ppm	226	7.361	3.258	220.8	231.2
As1890	189.042 {4	Y_2243	ppm	0.1022	0.0007	0.6395	0.1017	0.1027
B_2496	249.678 {1	Y_3710	ppm	4.198	0.0491	1.17	4.164	4.233
Ba4554	455.403 { 7	Y_3710	ppm	2.208	0.0351	1.59	2.183	2.233
Be3130	313.042 {1	Y_3710	ppm	0.0114	0	0.2994	0.0114	0.0113
Ca3158	315.887 {1	In2306	ppm	1632	36.25	2.221	1606	1657
Ca3181	318.128 {1	In2306	ppm	1767	39.8	2.253	1738	1795
Cd2288	228.802 {4	Y_2243	ppm	0.0038	0.0001	2.35	0.0039	0.0038
Co2286	228.616 {4	In2306	ppm	0.1086	0.0011	0.9971	0.1079	0.1094
Cr2677	267.716 {1	Y_3600	ppm	0.1767	0.0009	0.5038	0.176	0.1773
Cu3247	324.754 {1	Y_3600	ppm	0.2159	0.0003	0.1607	0.2161	0.2156
Fe2404	240.488 {1	In2306	ppm	174.5	4.223	2.42	171.5	177.5
K_7664	766.490 { 4	Y_3710	ppm	16.2	0.3744	2.31	15.94	16.47
K_7698	769.896 { 4	Y_3710	ppm	18.8	0.4148	2.206	18.51	19.1
Li6707	670.784 { 5	Y_3710	ppm	0.1093	0.0039	3.581	0.1065	0.1121
Mg2790	279.079 {1	Y_3710	ppm	30.76	0.0191	0.0621	30.78	30.75
Mn2576	257.610 {1	Y_3600	ppm	9.643	0.0352	0.3655	9.668	9.618
Mn2576-2	257.610 {1	Y_3710	ppm	9.895	0.0331	0.3342	9.871	9.918
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0001	9.15	0.0009	0.0008
Na5895	589.592 { 5	Y_3710	ppm	6.994	0.1984	2.837	6.854	7.134
Na8183	818.326 { 4	Y_3710	ppm	7.903	0.0282	0.3569	7.923	7.883
Ni2316	231.604 {4	In2306	ppm	0.2319	0.0013	0.5401	0.2311	0.2328
P_1782	178.284 {4	In2306	ppm	5.494	0.0078	0.1425	5.488	5.499
Pb2203	220.353 {4	In2306	ppm	0.1698	0.0013	0.7372	0.1706	0.1689
S_1820	182.034 {4	Y_2243	ppm	-16500	35.03	0.2124	-16520	-16470
Sb2068	206.833 {4	Y_2243	ppm	-0.0043	0.0013	29.16	-0.0034	-0.0052
Se1960	196.090 {4	Y_2243	ppm	0.0068	0.0012	16.86	0.0076	0.006
Si2516	251.611 {1	Y_3710	ppm	3.609	0.0167	0.4636	3.62	3.597
Sn1899	189.989 {4	In2306	ppm	0.0392	0.0003	0.7463	0.039	0.0394
Sr4215	421.552 { 8	Y_3710	ppm	3.471	0.041	1.182	3.441	3.5
Ti3349	334.904 {1	Y_3600	ppm	0.2719	0.0013	0.479	0.2709	0.2728
Tl1908	190.856 {4	In2306	ppm	-0.0144	0.0011	7.472	-0.0137	-0.0152
V_2924	292.402 {1	Y_3600	ppm	0.4971	0.0012	0.2494	0.4963	0.498
Zn2062	206.200 {4	In2306	ppm	0.585	0.0003	0.0566	0.5853	0.5848

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	29.944	0.88887	2.9685	30.572	29.315
In2306	230.606 {4	Cts/S	7234.2	15.123	0.20905	7244.9	7223.5
Y_2243	224.306 {4	Cts/S	12070	16.354	0.1355	12081	12058
Y_3600	360.073 { 9	Cts/S	91482	203.13	0.22204	91626	91338
Y_3710	371.030 { 9	Cts/S	5597.2	38.14	0.6814	5624.2	5570.2

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Username=admin
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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0019	0.0002	10.62	-0.0021	-0.0018
Al3082	308.215 {1	In2306	ppm	267.1	2.598	0.9728	265.2	268.9
As1890	189.042 {4	Y_2243	ppm	0.1235	0.0013	1.091	0.1245	0.1226
B_2496	249.678 {1	Y_3710	ppm	3.224	0.0325	1.008	3.201	3.247
Ba4554	455.403 { 7	Y_3710	ppm	2.635	0.0117	0.4454	2.627	2.643
Be3130	313.042 {1	Y_3710	ppm	0.013	0.0003	1.995	0.0132	0.0129
Ca3158	315.887 {1	In2306	ppm	2144	26.22	1.223	2125	2163
Ca3181	318.128 {1	In2306	ppm	2348	30	1.278	2327	2370
Cd2288	228.802 {4	Y_2243	ppm	0.0049	0	0.1762	0.0049	0.0049
Co2286	228.616 {4	In2306	ppm	0.1294	0.0005	0.3758	0.1291	0.1297
Cr2677	267.716 {1	Y_3600	ppm	0.2102	0.0004	0.1819	0.2104	0.2099
Cu3247	324.754 {1	Y_3600	ppm	0.4085	0.0025	0.6142	0.4103	0.4067
Fe2404	240.488 {1	In2306	ppm	209.1	2.779	1.329	207.1	211.1
K_7664	766.490 { 4	Y_3710	ppm	19.12	0.184	0.9622	19.25	18.99
K_7698	769.896 { 4	Y_3710	ppm	22.24	0.0053	0.024	22.23	22.24
Li6707	670.784 { 5	Y_3710	ppm	0.1239	0.001	0.7751	0.1245	0.1232
Mg2790	279.079 {1	Y_3710	ppm	35.08	0.4031	1.149	35.37	34.8
Mn2576	257.610 {1	Y_3600	ppm	10.86	0.0891	0.8202	10.93	10.8
Mn2576-2	257.610 {1	Y_3710	ppm	11.21	0.0046	0.0413	11.21	11.2
Mo2020	202.030 {4	Y_2243	ppm	0.0024	0.0001	2.896	0.0024	0.0023
Na5895	589.592 { 5	Y_3710	ppm	4.523	0.0165	0.3651	4.535	4.511
Na8183	818.326 { 4	Y_3710	ppm	5.334	0.1161	2.177	5.252	5.416
Ni2316	231.604 {4	In2306	ppm	0.2567	0.0005	0.1816	0.257	0.2563
P_1782	178.284 {4	In2306	ppm	6.754	0.0002	0.0031	6.754	6.754
Pb2203	220.353 {4	In2306	ppm	0.2124	0.0013	0.635	0.2114	0.2133
S_1820	182.034 {4	Y_2243	ppm	-20720	30.24	0.146	-20740	-20700
Sb2068	206.833 {4	Y_2243	ppm	-0.0058	0.0019	32.48	-0.0045	-0.0071
Se1960	196.090 {4	Y_2243	ppm	0.01	0.0014	14.02	0.011	0.009
Si2516	251.611 {1	Y_3710	ppm	3.737	0.0047	0.125	3.734	3.74
Sn1899	189.989 {4	In2306	ppm	0.0419	0.001	2.276	0.0426	0.0413
Sr4215	421.552 { 8	Y_3710	ppm	3.748	0.0064	0.1706	3.743	3.752
Ti3349	334.904 {1	Y_3600	ppm	0.264	0.0006	0.2091	0.2636	0.2644
Tl1908	190.856 {4	In2306	ppm	-0.0155	0.0001	0.6926	-0.0156	-0.0154
V_2924	292.402 {1	Y_3600	ppm	0.5563	0.0013	0.2368	0.5573	0.5554
Zn2062	206.200 {4	In2306	ppm	0.8774	0	0.0032	0.8775	0.8774

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	27.98	0.28376	1.0142	28.181	27.779
In2306	230.606 {4	Cts/S	7011.8	11.277	0.16082	7019.7	7003.8
Y_2243	224.306 {4	Cts/S	12102	5.0135	0.04143	12099	12106
Y_3600	360.073 { 9	Cts/S	90689	256.19	0.28249	90508	90870
Y_3710	371.030 { 9	Cts/S	5628.7	13.202	0.23455	5619.3	5638

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Username=admin

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0023	0.0002	7.87	-0.0025	-0.0022
Al3082	308.215 {1	In2306	ppm	299.4	26.07	8.709	317.8	281
As1890	189.042 {4	Y_2243	ppm	0.0877	0.0032	3.627	0.0855	0.09
B_2496	249.678 {1	Y_3710	ppm	0.028	0.0182	64.79	0.0152	0.0409
Ba4554	455.403 { 7	Y_3710	ppm	2.494	0.0451	1.81	2.526	2.462
Be3130	313.042 {1	Y_3710	ppm	0.0127	0.0001	0.7021	0.0126	0.0127
Ca3158	315.887 {1	In2306	ppm	3333	253.5	7.607	3512	3154
Ca3181	318.128 {1	In2306	ppm	3816	295.4	7.739	4025	3608
Cd2288	228.802 {4	Y_2243	ppm	0.0049	0.0001	1.912	0.0049	0.0048
Co2286	228.616 {4	In2306	ppm	0.1306	0.0004	0.3383	0.1303	0.1309
Cr2677	267.716 {1	Y_3600	ppm	0.2075	0.0018	0.8521	0.2088	0.2063
Cu3247	324.754 {1	Y_3600	ppm	0.1619	0.0006	0.3981	0.1624	0.1615
Fe2404	240.488 {1	In2306	ppm	217.8	17.09	7.847	229.9	205.8
K_7664	766.490 { 4	Y_3710	ppm	19.63	0.4356	2.219	19.94	19.32
K_7698	769.896 { 4	Y_3710	ppm	23.28	0.5717	2.456	23.68	22.88
Li6707	670.784 { 5	Y_3710	ppm	0.1602	0.004	2.522	0.1631	0.1573
Mg2790	279.079 {1	Y_3710	ppm	38.16	0.1686	0.4419	38.28	38.04
Mn2576	257.610 {1	Y_3600	ppm	9.892	0.0711	0.7187	9.842	9.942
Mn2576-2	257.610 {1	Y_3710	ppm	10.83	0.159	1.468	10.94	10.72
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	139.5	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	2.283	0.0473	2.071	2.316	2.249
Na8183	818.326 { 4	Y_3710	ppm	2.672	0.0845	3.161	2.612	2.732
Ni2316	231.604 {4	In2306	ppm	0.2674	0.0015	0.5754	0.2663	0.2685
P_1782	178.284 {4	In2306	ppm	8.71	0.021	0.2409	8.695	8.724
Pb2203	220.353 {4	In2306	ppm	0.1787	0.0007	0.3694	0.1782	0.1791
S_1820	182.034 {4	Y_2243	ppm	-13270	54.32	0.4095	-13230	-13300
Sb2068	206.833 {4	Y_2243	ppm	-0.0063	0.0004	5.727	-0.0066	-0.0061
Se1960	196.090 {4	Y_2243	ppm	0.0084	0.0021	25	0.0069	0.0098
Si2516	251.611 {1	Y_3710	ppm	3.79	0.134	3.535	3.884	3.695
Sn1899	189.989 {4	In2306	ppm	0.0392	0.0002	0.471	0.0393	0.039
Sr4215	421.552 { 8	Y_3710	ppm	5.37	0.0942	1.754	5.436	5.303
Ti3349	334.904 {1	Y_3600	ppm	0.1993	0.0012	0.5917	0.2001	0.1984
Tl1908	190.856 {4	In2306	ppm	-0.0093	0.0014	14.81	-0.0083	-0.0103
V_2924	292.402 {1	Y_3600	ppm	0.5829	0.0003	0.0457	0.5831	0.5827
Zn2062	206.200 {4	In2306	ppm	0.6157	0.001	0.1616	0.615	0.6164

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	27.956	2.1607	7.729	26.428	29.484
In2306	230.606 {4	Cts/S	6511.3	27.661	0.42482	6530.9	6491.7
Y_2243	224.306 {4	Cts/S	11762	52.515	0.44647	11799	11725
Y_3600	360.073 { 9	Cts/S	87231	601.12	0.68911	86806	87656
Y_3710	371.030 { 9	Cts/S	5319.8	64.192	1.2067	5274.5	5365.2

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2576	0.002	0.7686	0.259	0.2562
Al3082	308.215	{1	In2306	ppm	2.894	0.0921	3.184	2.96	2.829
As1890	189.042	{4	Y_2243	ppm	0.4435	0.0061	1.373	0.4478	0.4392
B_2496	249.678	{1	Y_3710	ppm	0.4307	0.0086	1.999	0.4246	0.4368
Ba4554	455.403	{ 7	Y_3710	ppm	0.5065	0.0004	0.0759	0.5068	0.5062
Be3130	313.042	{1	Y_3710	ppm	0.4809	0.0015	0.3137	0.482	0.4799
Ca3158	315.887	{1	In2306	ppm	14.57	0.0491	0.3367	14.54	14.61
Ca3181	318.128	{1	In2306	ppm	15.07	0.0336	0.2231	15.09	15.04
Cd2288	228.802	{4	Y_2243	ppm	0.4715	0.0037	0.7756	0.4741	0.4689
Co2286	228.616	{4	In2306	ppm	0.5104	0.0044	0.862	0.5136	0.5073
Cr2677	267.716	{1	Y_3600	ppm	0.5411	0.0097	1.792	0.548	0.5343
Cu3247	324.754	{1	Y_3600	ppm	0.5177	0.0008	0.1613	0.5183	0.5171
Fe2404	240.488	{1	In2306	ppm	2.618	0.0777	2.969	2.563	2.672
K_7664	766.490	{ 4	Y_3710	ppm	11.84	0.1298	1.096	11.93	11.75
K_7698	769.896	{ 4	Y_3710	ppm	13.28	0.0351	0.2643	13.3	13.25
Li6707	670.784	{ 5	Y_3710	ppm	0.4892	0.0059	1.212	0.4934	0.485
Mg2790	279.079	{1	Y_3710	ppm	4.618	0.0202	0.4382	4.604	4.632
Mn2576	257.610	{1	Y_3600	ppm	0.5227	0.007	1.332	0.5276	0.5177
Mn2576-2	257.610	{1	Y_3710	ppm	0.4081	0.0043	1.047	0.4051	0.4111
Mo2020	202.030	{4	Y_2243	ppm	0.4443	0.0044	0.9874	0.4474	0.4412
Na5895	589.592	{ 5	Y_3710	ppm	12.55	0.0813	0.6481	12.61	12.49
Na8183	818.326	{ 4	Y_3710	ppm	13.17	0.0514	0.3901	13.21	13.14
Ni2316	231.604	{4	In2306	ppm	0.4731	0.0037	0.7853	0.4758	0.4705
P_1782	178.284	{4	In2306	ppm	0.0012	0.0019	155.1	-0.0001	0.0025
Pb2203	220.353	{4	In2306	ppm	0.4865	0.0034	0.6948	0.4888	0.4841
S_1820	182.034	{4	Y_2243	ppm	-5009	40.98	0.8181	-5038	-4980
Sb2068	206.833	{4	Y_2243	ppm	0.4323	0.0032	0.7435	0.4345	0.43
Se1960	196.090	{4	Y_2243	ppm	0.4433	0.0034	0.7698	0.4457	0.4409
Si2516	251.611	{1	Y_3710	ppm	0.7324	0.0037	0.5108	0.7298	0.7351
Sn1899	189.989	{4	In2306	ppm	0.4692	0.005	1.06	0.4727	0.4657
Sr4215	421.552	{ 8	Y_3710	ppm	0.2431	0.0009	0.3868	0.2437	0.2424
Ti3349	334.904	{1	Y_3600	ppm	0.5139	0.0067	1.302	0.5187	0.5092
Tl1908	190.856	{4	In2306	ppm	0.4695	0.0052	1.111	0.4732	0.4658
V_2924	292.402	{1	Y_3600	ppm	0.5834	0.0082	1.405	0.5892	0.5776
Zn2062	206.200	{4	In2306	ppm	0.5151	0.0031	0.5965	0.5173	0.5129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	29.758	0.08416	0.2828	29.699	29.818
In2306	230.606	{4	Cts/S	9693.7	41.925	0.4325	9664.1	9723.4
Y_2243	224.306	{4	Cts/S	12619	65.712	0.52076	12572	12665
Y_3600	360.073	{ 9	Cts/S	95987	779.26	0.81184	95436	96538
Y_3710	371.030	{ 9	Cts/S	5756.1	14.333	0.24901	5746	5766.2

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Run Time=1/16/2012 14:31:50
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0054	0.0002	3.048	0.0053	0.0055
Al3082	308.215	{1	In2306	ppm	0.1905	0.0948	49.73	0.2575	0.1235
As1890	189.042	{4	Y_2243	ppm	0.0105	0.0019	18.06	0.0091	0.0118
B_2496	249.678	{1	Y_3710	ppm	-0.0029	0.0072	247	0.0022	-0.008
Ba4554	455.403	{ 7	Y_3710	ppm	0.0107	0.0002	1.448	0.0108	0.0105
Be3130	313.042	{1	Y_3710	ppm	0.0046	0	0.7921	0.0046	0.0047
Ca3158	315.887	{1	In2306	ppm	0.0961	0.0103	10.7	0.0888	0.1034
Ca3181	318.128	{1	In2306	ppm	0.2399	0.1137	47.37	0.3203	0.1596
Cd2288	228.802	{4	Y_2243	ppm	0.0057	0.0015	25.54	0.0047	0.0067
Co2286	228.616	{4	In2306	ppm	0.0108	0.0016	15.22	0.0097	0.012
Cr2677	267.716	{1	Y_3600	ppm	0.0109	0.0007	6.157	0.0114	0.0104
Cu3247	324.754	{1	Y_3600	ppm	0.0095	0.0003	3.477	0.0097	0.0092
Fe2404	240.488	{1	In2306	ppm	0.0984	0.004	4.099	0.0955	0.1012
K_7664	766.490	{ 4	Y_3710	ppm	0.6045	0.0007	0.112	0.6049	0.604
K_7698	769.896	{ 4	Y_3710	ppm	0.6798	0.0072	1.057	0.6849	0.6747
Li6707	670.784	{ 5	Y_3710	ppm	0.0091	0.0005	5.601	0.0088	0.0095
Mg2790	279.079	{1	Y_3710	ppm	0.0541	0.042	77.64	0.0244	0.0838
Mn2576	257.610	{1	Y_3600	ppm	0.0107	0.0002	1.564	0.0106	0.0108
Mn2576-2	257.610	{1	Y_3710	ppm	0.0091	0.0025	27.58	0.0109	0.0073
Mo2020	202.030	{4	Y_2243	ppm	0.0109	0.0019	17.27	0.0095	0.0122
Na5895	589.592	{ 5	Y_3710	ppm	0.5843	0.0065	1.115	0.5797	0.5889
Na8183	818.326	{ 4	Y_3710	ppm	0.7866	0.1029	13.08	0.8594	0.7139
Ni2316	231.604	{4	In2306	ppm	0.0103	0.0016	15.72	0.0091	0.0114
P_1782	178.284	{4	In2306	ppm	0.0091	0.0002	1.959	0.009	0.0093
Pb2203	220.353	{4	In2306	ppm	0.0096	0.001	10.07	0.009	0.0103
S_1820	182.034	{4	Y_2243	ppm	-1.449	15.79	1090	9.718	-12.62
Sb2068	206.833	{4	Y_2243	ppm	0.0159	0.0003	2.171	0.0156	0.0161
Se1960	196.090	{4	Y_2243	ppm	0.0101	0.0001	0.966	0.0102	0.01
Si2516	251.611	{1	Y_3710	ppm	0.002	0.0283	1424	0.022	-0.018
Sn1899	189.989	{4	In2306	ppm	0.0104	0.0019	18.64	0.009	0.0118
Sr4215	421.552	{ 8	Y_3710	ppm	0.0048	0.0001	2.149	0.0049	0.0047
Ti3349	334.904	{1	Y_3600	ppm	0.0107	0	0.3361	0.0107	0.0107
Tl1908	190.856	{4	In2306	ppm	0.0101	0.0018	18.27	0.0088	0.0114
V_2924	292.402	{1	Y_3600	ppm	0.012	0.0002	1.268	0.0121	0.0119
Zn2062	206.200	{4	In2306	ppm	0.0111	0.0016	14.78	0.0099	0.0123

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	29.877	0.66578	2.2284	30.347	29.406
In2306	230.606	{4	Cts/S	10300	4.005	0.03888	10297	10302
Y_2243	224.306	{4	Cts/S	12904	9.7131	0.07527	12897	12911
Y_3600	360.073	{ 9	Cts/S	99604	367.33	0.36879	99863	99344
Y_3710	371.030	{ 9	Cts/S	5792.1	0.99893	0.01725	5791.4	5792.8

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0004	0.0001	27.74	0.0003	0.0004
Al3082	308.215	{1 In2306	ppm	0.1471	0.0891	60.52	0.0842	0.2101
As1890	189.042	{4 Y_2243	ppm	-0.0004	0	7.327	-0.0003	-0.0004
B_2496	249.678	{1 Y_3710	ppm	-0.0109	0	0.0423	-0.0109	-0.0109
Ba4554	455.403	{ 7 Y_3710	ppm	0.0007	0.0002	31.27	0.0009	0.0006
Be3130	313.042	{1 Y_3710	ppm	-0.0002	0.0001	46.95	-0.0002	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.0031	0.0081	257.5	-0.0026	0.0089
Ca3181	318.128	{1 In2306	ppm	0.0992	0.0236	23.81	0.1159	0.0825
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	224.4	0	-0.0001
Co2286	228.616	{4 In2306	ppm	-0.0002	0.0001	69.96	-0.0003	-0.0001
Cr2677	267.716	{1 Y_3600	ppm	0	0.0001	446	-0.0001	0.0001
Cu3247	324.754	{1 Y_3600	ppm	-0.0012	0.0002	17.08	-0.0014	-0.0011
Fe2404	240.488	{1 In2306	ppm	0.0207	0.0684	331	0.069	-0.0277
K_7664	766.490	{ 4 Y_3710	ppm	0.0196	0.0089	45.3	0.0133	0.0259
K_7698	769.896	{ 4 Y_3710	ppm	0.0793	0.013	16.43	0.0885	0.0701
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0003	156.9	0.0004	0
Mg2790	279.079	{1 Y_3710	ppm	0.0536	0.0011	2.124	0.0528	0.0544
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0.0001	76.78	0.0002	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0029	0.0059	202.9	0.0071	-0.0013
Mo2020	202.030	{4 Y_2243	ppm	-0.0001	0	0.7472	-0.0001	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0147	0.0058	39.73	0.0188	0.0105
Na8183	818.326	{ 4 Y_3710	ppm	0.1951	0.0088	4.524	0.1889	0.2014
Ni2316	231.604	{4 In2306	ppm	-0.0003	0.0001	26.6	-0.0002	-0.0003
P_1782	178.284	{4 In2306	ppm	-0.0005	0.0006	110.9	-0.0001	-0.001
Pb2203	220.353	{4 In2306	ppm	-0.0001	0.0007	1340	0.0005	-0.0006
S_1820	182.034	{4 Y_2243	ppm	11.48	2.009	17.49	10.06	12.9
Sb2068	206.833	{4 Y_2243	ppm	0.0004	0.0006	135.7	0	0.0008
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0007	89.1	-0.0003	-0.0013
Si2516	251.611	{1 Y_3710	ppm	-0.0293	0.0076	25.97	-0.0239	-0.0347
Sn1899	189.989	{4 In2306	ppm	-0.0002	0.0003	214	-0.0004	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	0	0	266.2	0	0
Ti3349	334.904	{1 Y_3600	ppm	0.0005	0.0004	75.7	0.0002	0.0008
Tl1908	190.856	{4 In2306	ppm	-0.0013	0	2.397	-0.0012	-0.0013
V_2924	292.402	{1 Y_3600	ppm	0.0002	0.0003	188.3	0.0004	-0.0001
Zn2062	206.200	{4 In2306	ppm	0.0014	0	3.204	0.0014	0.0014

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	29.99	1.0469	3.4908	30.731	29.25
In2306	230.606	{4 Cts/S	10300	34.043	0.33053	10275	10324
Y_2243	224.306	{4 Cts/S	12855	33.201	0.25827	12831	12878
Y_3600	360.073	{ 9 Cts/S	99303	1363.2	1.3728	100270	98339
Y_3710	371.030	{ 9 Cts/S	5745.6	26.85	0.46731	5764.6	5726.6

[Sample Header]
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SampleName=600-48846-A-9-B
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 14:37:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0017	0.0001	8.327	-0.0016	-0.0018
Al3082	308.215	{1	In2306	ppm	189.8	3.439	1.812	187.4	192.2
As1890	189.042	{4	Y_2243	ppm	0.1472	0.0022	1.527	0.1488	0.1456
B_2496	249.678	{1	Y_3710	ppm	0.1221	0.0045	3.72	0.1253	0.1189
Ba4554	455.403	{ 7	Y_3710	ppm	1.885	0.0072	0.3796	1.89	1.88
Be3130	313.042	{1	Y_3710	ppm	0.0142	0.0003	1.837	0.0144	0.0141
Ca3158	315.887	{1	In2306	ppm	2983	72.67	2.436	2932	3035
Ca3181	318.128	{1	In2306	ppm	3399	82.96	2.441	3340	3458
Cd2288	228.802	{4	Y_2243	ppm	0.0055	0.0002	4.461	0.0053	0.0056
Co2286	228.616	{4	In2306	ppm	0.1277	0.001	0.774	0.1284	0.127
Cr2677	267.716	{1	Y_3600	ppm	0.2537	0.0017	0.651	0.2549	0.2526
Cu3247	324.754	{1	Y_3600	ppm	0.9485	0.0088	0.9286	0.9547	0.9422
Fe2404	240.488	{1	In2306	ppm	282.7	6.959	2.462	277.8	287.6
K_7664	766.490	{ 4	Y_3710	ppm	17.59	0.0382	0.2173	17.62	17.56
K_7698	769.896	{ 4	Y_3710	ppm	20.75	0.1468	0.7074	20.86	20.65
Li6707	670.784	{ 5	Y_3710	ppm	0.1111	0	0.0044	0.1111	0.1111
Mg2790	279.079	{1	Y_3710	ppm	32.42	0.384	1.184	32.69	32.15
Mn2576	257.610	{1	Y_3600	ppm	10.13	0.0698	0.6885	10.18	10.08
Mn2576-2	257.610	{1	Y_3710	ppm	10.61	0.0597	0.5626	10.66	10.57
Mo2020	202.030	{4	Y_2243	ppm	0.006	0.0002	3.107	0.0059	0.0062
Na5895	589.592	{ 5	Y_3710	ppm	12.74	0.0303	0.2375	12.77	12.72
Na8183	818.326	{ 4	Y_3710	ppm	14.23	0.0726	0.51	14.18	14.28
Ni2316	231.604	{4	In2306	ppm	0.2411	0.0011	0.4523	0.2419	0.2404
P_1782	178.284	{4	In2306	ppm	10.71	0.0678	0.6325	10.76	10.67
Pb2203	220.353	{4	In2306	ppm	0.1829	0.0048	2.637	0.1863	0.1794
S_1820	182.034	{4	Y_2243	ppm	-22200	98.86	0.4454	-22270	-22130
Sb2068	206.833	{4	Y_2243	ppm	-0.0033	0.0001	2.998	-0.0033	-0.0034
Se1960	196.090	{4	Y_2243	ppm	0.01	0.0008	8.136	0.0094	0.0106
Si2516	251.611	{1	Y_3710	ppm	3.095	0.0542	1.75	3.133	3.056
Sn1899	189.989	{4	In2306	ppm	0.0412	0.0005	1.119	0.0408	0.0415
Sr4215	421.552	{ 8	Y_3710	ppm	5.36	0.0193	0.3597	5.374	5.347
Ti3349	334.904	{1	Y_3600	ppm	0.2392	0.0022	0.9262	0.2408	0.2376
Tl1908	190.856	{4	In2306	ppm	-0.0109	0.0003	3.096	-0.0106	-0.0111
V_2924	292.402	{1	Y_3600	ppm	0.618	0.0055	0.8922	0.6219	0.6141
Zn2062	206.200	{4	In2306	ppm	1.43	0.0079	0.5542	1.436	1.425

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	28.469	0.76083	2.6725	29.007	27.931
In2306	230.606	{4	Cts/S	6604.1	26.516	0.40151	6585.4	6622.9
Y_2243	224.306	{4	Cts/S	11524	48.5	0.42088	11489	11558
Y_3600	360.073	{ 9	Cts/S	86382	658.84	0.7627	85916	86847
Y_3710	371.030	{ 9	Cts/S	5235.1	24.653	0.47092	5217.7	5252.5

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.5036	0.0011	0.2202	0.5028	0.5044
Al3082	308.215	{1	In2306	ppm	321.1	19.46	6.06	334.8	307.3
As1890	189.042	{4	Y_2243	ppm	1.013	0.0011	0.1059	1.014	1.013
B_2496	249.678	{1	Y_3710	ppm	1.785	0.0296	1.66	1.806	1.764
Ba4554	455.403	{ 7	Y_3710	ppm	3.95	0.0553	1.4	3.989	3.911
Be3130	313.042	{1	Y_3710	ppm	0.4668	0.006	1.292	0.4711	0.4626
Ca3158	315.887	{1	In2306	ppm	2386	128.2	5.372	2477	2296
Ca3181	318.128	{1	In2306	ppm	2652	142.3	5.365	2752	2551
Cd2288	228.802	{4	Y_2243	ppm	0.4322	0.0005	0.1258	0.4319	0.4326
Co2286	228.616	{4	In2306	ppm	1.173	0.0007	0.0631	1.173	1.172
Cr2677	267.716	{1	Y_3600	ppm	1.099	0.0069	0.631	1.104	1.094
Cu3247	324.754	{1	Y_3600	ppm	1.158	0.0103	0.8896	1.165	1.151
Fe2404	240.488	{1	In2306	ppm	239	13.68	5.725	248.7	229.3
K_7664	766.490	{ 4	Y_3710	ppm	34.71	0.613	1.766	35.15	34.28
K_7698	769.896	{ 4	Y_3710	ppm	41.1	0.6772	1.648	41.58	40.62
Li6707	670.784	{ 5	Y_3710	ppm	1.155	0.0216	1.874	1.17	1.139
Mg2790	279.079	{1	Y_3710	ppm	56.68	0.767	1.353	57.22	56.14
Mn2576	257.610	{1	Y_3600	ppm	13.3	0.142	1.068	13.4	13.19
Mn2576-2	257.610	{1	Y_3710	ppm	14.09	0.2032	1.442	14.23	13.95
Mo2020	202.030	{4	Y_2243	ppm	0.6859	0.002	0.2873	0.6873	0.6845
Na5895	589.592	{ 5	Y_3710	ppm	13.18	0.2275	1.726	13.34	13.02
Na8183	818.326	{ 4	Y_3710	ppm	14.23	0.2625	1.844	14.42	14.05
Ni2316	231.604	{4	In2306	ppm	1.224	0.0046	0.3749	1.228	1.221
P_1782	178.284	{4	In2306	ppm	7.564	0.0151	0.2002	7.554	7.575
Pb2203	220.353	{4	In2306	ppm	1.16	0.0007	0.0616	1.16	1.159
S_1820	182.034	{4	Y_2243	ppm	-13870	77.5	0.5589	-13810	-13920
Sb2068	206.833	{4	Y_2243	ppm	0.754	0.0042	0.5544	0.7569	0.751
Se1960	196.090	{4	Y_2243	ppm	0.7886	0.0054	0.6902	0.7848	0.7925
Si2516	251.611	{1	Y_3710	ppm	4.371	0.0567	1.296	4.411	4.331
Sn1899	189.989	{4	In2306	ppm	0.9444	0.0029	0.3115	0.9465	0.9424
Sr4215	421.552	{ 8	Y_3710	ppm	3.546	0.0475	1.34	3.58	3.513
Ti3349	334.904	{1	Y_3600	ppm	1.064	0.0112	1.049	1.072	1.056
Tl1908	190.856	{4	In2306	ppm	0.8123	0.0072	0.8857	0.8174	0.8072
V_2924	292.402	{1	Y_3600	ppm	1.599	0.0206	1.288	1.613	1.584
Zn2062	206.200	{4	In2306	ppm	1.789	0.0026	0.1434	1.79	1.787

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	27.992	1.523	5.4409	26.915	29.069
In2306	230.606	{4	Cts/S	6797.1	12.838	0.18888	6806.1	6788
Y_2243	224.306	{4	Cts/S	12063	24.404	0.2023	12080	12046
Y_3600	360.073	{ 9	Cts/S	89087	374.92	0.42084	88822	89352

Y_3710	371.030 { 9	Cts/S	5228.5	56.98	1.0898	5188.2	5268.8

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Custom ID3=
Run Time=1/16/2012 14:42:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0009	223.2	0.0002	-0.001
Al3082	308.215 {1	In2306	ppm	64.95	1.293	1.991	64.04	65.87
As1890	189.042 {4	Y_2243	ppm	0.0461	0.0038	8.302	0.0434	0.0488
B_2496	249.678 {1	Y_3710	ppm	0.1888	0.0083	4.384	0.1947	0.183
Ba4554	455.403 { 7	Y_3710	ppm	0.5844	0.002	0.3383	0.583	0.5858
Be3130	313.042 {1	Y_3710	ppm	0.003	0	0.468	0.0031	0.003
Ca3158	315.887 {1	In2306	ppm	514.3	5.185	1.008	510.7	518
Ca3181	318.128 {1	In2306	ppm	543.7	4.312	0.793	540.7	546.8
Cd2288	228.802 {4	Y_2243	ppm	0.0017	0.0011	64.73	0.0009	0.0025
Co2286	228.616 {4	In2306	ppm	0.0353	0.0033	9.379	0.033	0.0377
Cr2677	267.716 {1	Y_3600	ppm	0.0588	0.0012	2.07	0.0597	0.0579
Cu3247	324.754 {1	Y_3600	ppm	0.0465	0.0004	0.795	0.0468	0.0463
Fe2404	240.488 {1	In2306	ppm	48.24	0.6132	1.271	47.81	48.68
K_7664	766.490 { 4	Y_3710	ppm	4.99	0.0096	0.1933	4.983	4.996
K_7698	769.896 { 4	Y_3710	ppm	5.87	0.0034	0.0583	5.873	5.868
Li6707	670.784 { 5	Y_3710	ppm	0.0306	0.0004	1.428	0.0309	0.0303
Mg2790	279.079 {1	Y_3710	ppm	9.69	0.1057	1.091	9.615	9.765
Mn2576	257.610 {1	Y_3600	ppm	3.225	0.0228	0.7071	3.241	3.209
Mn2576-2	257.610 {1	Y_3710	ppm	2.772	0.0114	0.4097	2.764	2.78
Mo2020	202.030 {4	Y_2243	ppm	0.004	0.0033	82.88	0.0016	0.0063
Na5895	589.592 { 5	Y_3710	ppm	0.5686	0.0091	1.601	0.575	0.5622
Na8183	818.326 { 4	Y_3710	ppm	0.3784	0.0824	21.78	0.4367	0.3201
Ni2316	231.604 {4	In2306	ppm	0.0632	0.0032	5.004	0.061	0.0655
P_1782	178.284 {4	In2306	ppm	1.165	0.0116	0.9948	1.157	1.173
Pb2203	220.353 {4	In2306	ppm	0.0477	0.0009	1.93	0.047	0.0483
S_1820	182.034 {4	Y_2243	ppm	-2972	30.01	1.009	-2951	-2994
Sb2068	206.833 {4	Y_2243	ppm	0.0143	0.0032	22.67	0.012	0.0166
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0007	20.15	0.0031	0.0041
Si2516	251.611 {1	Y_3710	ppm	0.7139	0.0099	1.384	0.7069	0.7208
Sn1899	189.989 {4	In2306	ppm	0.0124	0.0033	26.97	0.0101	0.0148
Sr4215	421.552 { 8	Y_3710	ppm	0.6331	0.0026	0.4169	0.6312	0.635
Ti3349	334.904 {1	Y_3600	ppm	0.0529	0.0005	0.9048	0.0526	0.0533
Tl1908	190.856 {4	In2306	ppm	-0.0026	0.0017	65.61	-0.0038	-0.0014
V_2924	292.402 {1	Y_3600	ppm	0.1558	0.0014	0.9051	0.1568	0.1548
Zn2062	206.200 {4	In2306	ppm	0.1612	0.0041	2.541	0.1583	0.1641

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	27.954	0.33076	1.1832	28.188	27.72
In2306	230.606 {4	Cts/S	8420	32.63	0.38753	8443.1	8396.9
Y_2243	224.306 {4	Cts/S	12366	65.856	0.53254	12413	12320

Y_3600	360.073 { 9	Cts/S	91777	395.11	0.4305	91498	92057
Y_3710	371.030 { 9	Cts/S	5278.2	13.718	0.2599	5287.9	5268.5

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Run Time=1/16/2012 14:44:53
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2571	0.002	0.7728	0.2557	0.2585
Al3082	308.215 {1	In2306	ppm	2.917	0.0269	0.9224	2.898	2.936
As1890	189.042 {4	Y_2243	ppm	0.4331	0.0116	2.683	0.4249	0.4414
B_2496	249.678 {1	Y_3710	ppm	0.4066	0.0036	0.8975	0.404	0.4092
Ba4554	455.403 { 7	Y_3710	ppm	0.5076	0.0001	0.0294	0.5077	0.5075
Be3130	313.042 {1	Y_3710	ppm	0.4745	0.0007	0.1465	0.475	0.474
Ca3158	315.887 {1	In2306	ppm	14.59	0.3477	2.383	14.35	14.84
Ca3181	318.128 {1	In2306	ppm	15.21	0.3352	2.203	14.98	15.45
Cd2288	228.802 {4	Y_2243	ppm	0.4617	0.0124	2.691	0.4529	0.4705
Co2286	228.616 {4	In2306	ppm	0.5016	0.0113	2.257	0.4936	0.5096
Cr2677	267.716 {1	Y_3600	ppm	0.5454	0.0029	0.5237	0.5474	0.5434
Cu3247	324.754 {1	Y_3600	ppm	0.5141	0.0013	0.2551	0.515	0.5131
Fe2404	240.488 {1	In2306	ppm	2.574	0.0547	2.126	2.535	2.613
K_7664	766.490 { 4	Y_3710	ppm	11.77	0.1924	1.635	11.91	11.64
K_7698	769.896 { 4	Y_3710	ppm	13.45	0.2173	1.616	13.6	13.29
Li6707	670.784 { 5	Y_3710	ppm	0.4926	0.0075	1.528	0.4979	0.4873
Mg2790	279.079 {1	Y_3710	ppm	4.729	0.0457	0.9667	4.761	4.696
Mn2576	257.610 {1	Y_3600	ppm	0.5243	0.0013	0.2412	0.5252	0.5234
Mn2576-2	257.610 {1	Y_3710	ppm	0.3988	0.0005	0.1329	0.3984	0.3992
Mo2020	202.030 {4	Y_2243	ppm	0.4295	0.0124	2.887	0.4208	0.4383
Na5895	589.592 { 5	Y_3710	ppm	12.57	0.1463	1.164	12.67	12.46
Na8183	818.326 { 4	Y_3710	ppm	13.22	0.0083	0.0626	13.22	13.21
Ni2316	231.604 {4	In2306	ppm	0.4596	0.0112	2.443	0.4516	0.4675
P_1782	178.284 {4	In2306	ppm	0.0005	0.0011	219.2	-0.0003	0.0013
Pb2203	220.353 {4	In2306	ppm	0.4732	0.01	2.117	0.4661	0.4803
S_1820	182.034 {4	Y_2243	ppm	-4840	139.2	2.877	-4741	-4938
Sb2068	206.833 {4	Y_2243	ppm	0.4179	0.0085	2.029	0.4119	0.4239
Se1960	196.090 {4	Y_2243	ppm	0.4297	0.0139	3.227	0.4199	0.4395
Si2516	251.611 {1	Y_3710	ppm	0.6893	0.0072	1.051	0.6842	0.6944
Sn1899	189.989 {4	In2306	ppm	0.4545	0.0111	2.452	0.4467	0.4624
Sr4215	421.552 { 8	Y_3710	ppm	0.2408	0.0012	0.5044	0.2416	0.2399
Ti3349	334.904 {1	Y_3600	ppm	0.5125	0.0013	0.2463	0.5116	0.5134
Tl1908	190.856 {4	In2306	ppm	0.4558	0.0129	2.821	0.4467	0.4649
V_2924	292.402 {1	Y_3600	ppm	0.5899	0.0027	0.4539	0.5918	0.588
Zn2062	206.200 {4	In2306	ppm	0.5042	0.0121	2.409	0.4957	0.5128

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	28.322	0.43127	1.5227	28.627	28.017
In2306	230.606 {4	Cts/S	9827.9	224.54	2.2848	9986.7	9669.1

Y_2243	224.306 {4	Cts/S	12888	329.03	2.553	13121	12655
Y_3600	360.073 { 9	Cts/S	95115	125.77	0.13223	95026	95203
Y_3710	371.030 { 9	Cts/S	5627.9	12.608	0.22403	5619	5636.9

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Custom ID1=
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Custom ID3=
Run Time=1/16/2012 14:47:21
Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0.0002	4.759	0.0049	0.0053
Al3082	308.215 {1	In2306	ppm	0.2182	0.0831	38.08	0.277	0.1595
As1890	189.042 {4	Y_2243	ppm	0.0103	0.002	19.31	0.0089	0.0117
B_2496	249.678 {1	Y_3710	ppm	0.0005	0.0043	815.2	0.0036	-0.0025
Ba4554	455.403 { 7	Y_3710	ppm	0.0111	0.0002	1.455	0.0113	0.011
Be3130	313.042 {1	Y_3710	ppm	0.0045	0.0001	2.866	0.0046	0.0044
Ca3158	315.887 {1	In2306	ppm	0.112	0.0022	1.999	0.1105	0.1136
Ca3181	318.128 {1	In2306	ppm	0.1437	0.0396	27.59	0.1717	0.1157
Cd2288	228.802 {4	Y_2243	ppm	0.0072	0.0034	47.82	0.0047	0.0096
Co2286	228.616 {4	In2306	ppm	0.0128	0.0038	30	0.01	0.0155
Cr2677	267.716 {1	Y_3600	ppm	0.0113	0.0001	0.8366	0.0114	0.0112
Cu3247	324.754 {1	Y_3600	ppm	0.0094	0.0001	1.069	0.0093	0.0094
Fe2404	240.488 {1	In2306	ppm	0.0798	0.0215	26.91	0.0646	0.095
K_7664	766.490 { 4	Y_3710	ppm	0.6079	0.0105	1.728	0.6153	0.6004
K_7698	769.896 { 4	Y_3710	ppm	0.7542	0.0254	3.365	0.7721	0.7362
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0001	0.5237	0.01	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.0618	0.0547	88.52	0.1005	0.0231
Mn2576	257.610 {1	Y_3600	ppm	0.0108	0.0003	2.545	0.0109	0.0106
Mn2576-2	257.610 {1	Y_3710	ppm	0.0121	0.0088	72.48	0.0183	0.0059
Mo2020	202.030 {4	Y_2243	ppm	0.0125	0.0041	32.5	0.0097	0.0154
Na5895	589.592 { 5	Y_3710	ppm	0.5977	0.0127	2.122	0.5887	0.6066
Na8183	818.326 { 4	Y_3710	ppm	0.1164	0.2054	176.5	0.2616	-0.0288
Ni2316	231.604 {4	In2306	ppm	0.0116	0.0033	28.59	0.0093	0.014
P_1782	178.284 {4	In2306	ppm	0.0087	0.0008	9.461	0.0082	0.0093
Pb2203	220.353 {4	In2306	ppm	0.0108	0.0029	26.99	0.0087	0.0129
S_1820	182.034 {4	Y_2243	ppm	-28.04	20.47	72.99	-13.57	-42.51
Sb2068	206.833 {4	Y_2243	ppm	0.0171	0.004	23.14	0.0143	0.0199
Se1960	196.090 {4	Y_2243	ppm	0.0101	0.003	29.42	0.008	0.0123
Si2516	251.611 {1	Y_3710	ppm	-0.0133	0.021	157.9	0.0015	-0.0281
Sn1899	189.989 {4	In2306	ppm	0.0124	0.0042	33.56	0.0094	0.0153
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0.0001	1.236	0.0046	0.0047
Ti3349	334.904 {1	Y_3600	ppm	0.0111	0.0005	4.823	0.0114	0.0107
Tl1908	190.856 {4	In2306	ppm	0.0123	0.0049	39.68	0.0089	0.0158
V_2924	292.402 {1	Y_3600	ppm	0.0118	0.0001	0.8636	0.0119	0.0117
Zn2062	206.200 {4	In2306	ppm	0.0126	0.0035	28.24	0.0101	0.0151

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	29.773	0.37192	1.2492	30.036	29.51

In2306	230.606 {4	Cts/S	10278	2.9391	0.02859	10281	10276
Y_2243	224.306 {4	Cts/S	12919	5.3548	0.04145	12923	12915
Y_3600	360.073 { 9	Cts/S	97947	766.05	0.78211	97406	98489
Y_3710	371.030 { 9	Cts/S	5613.6	4.1753	0.07438	5610.6	5616.6

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0004	721.1	-0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	0.2096	0.096	45.79	0.2774	0.1417
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0005	642.3	0.0003	-0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0095	0.019	199.7	-0.0039	0.023
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	32.6	0.0002	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	2755	0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0178	0.0125	70.29	-0.009	-0.0267
Ca3181	318.128 {1	In2306	ppm	-0.0053	0.1578	2951	-0.1169	0.1062
Cd2288	228.802 {4	Y_2243	ppm	0	0	190.7	0	0
Co2286	228.616 {4	In2306	ppm	-0.0002	0	14.43	-0.0002	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0	0	39.96	0.0001	0
Cu3247	324.754 {1	Y_3600	ppm	-0.0004	0.0001	20.67	-0.0003	-0.0004
Fe2404	240.488 {1	In2306	ppm	0.0252	0.0048	19.23	0.0286	0.0217
K_7664	766.490 { 4	Y_3710	ppm	0.0126	0.0031	24.18	0.0148	0.0105
K_7698	769.896 { 4	Y_3710	ppm	0.1406	0.01	7.091	0.1476	0.1335
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0005	614.7	0.0004	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0019	0.0064	333.9	-0.0026	0.0064
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	11.06	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0019	0.0015	81.48	0.0029	0.0008
Mo2020	202.030 {4	Y_2243	ppm	0	0	10.94	0	0
Na5895	589.592 { 5	Y_3710	ppm	0.0135	0.0034	24.81	0.0112	0.0159
Na8183	818.326 { 4	Y_3710	ppm	0.0056	0.2787	4938	0.2027	-0.1914
Ni2316	231.604 {4	In2306	ppm	-0.0003	0	10.65	-0.0003	-0.0003
P_1782	178.284 {4	In2306	ppm	0	0.0004	795.9	0.0003	-0.0002
Pb2203	220.353 {4	In2306	ppm	-0.0004	0.0005	118.4	-0.0008	-0.0001
S_1820	182.034 {4	Y_2243	ppm	2.148	5.941	276.6	6.348	-2.053
Sb2068	206.833 {4	Y_2243	ppm	0.0011	0.0005	43.97	0.0007	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.002	454.9	-0.001	0.0019
Si2516	251.611 {1	Y_3710	ppm	-0.0269	0.0255	94.53	-0.0089	-0.0449
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	76.42	-0.0001	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	226.1	0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0	2.738	0.0005	0.0006
Tl1908	190.856 {4	In2306	ppm	-0.001	0	0.6793	-0.001	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0003	55.64	0.0003	0.0007
Zn2062	206.200 {4	In2306	ppm	0.0014	0.0002	10.6	0.0013	0.0016

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	28.359	2.0272	7.1484	26.925	29.792
In2306	230.606 {4	Cts/S	10269	12.385	0.1206	10260	10278
Y_2243	224.306 {4	Cts/S	12850	1.4329	0.01115	12849	12851
Y_3600	360.073 { 9	Cts/S	98027	174.87	0.17839	98151	97903
Y_3710	371.030 { 9	Cts/S	5685.4	14.961	0.26315	5674.9	5696

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0008	0.0001	8.033	-0.0008	-0.0009
Al3082	308.215 {1	In2306	ppm	584.5	62.57	10.71	628.7	540.2
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0002	85.01	0.0004	0.0001
B_2496	249.678 {1	Y_3710	ppm	-0.0091	0.0089	97.71	-0.0154	-0.0028
Ba4554	455.403 { 7	Y_3710	ppm	0.0013	0.0003	21.61	0.0015	0.0011
Be3130	313.042 {1	Y_3710	ppm	0	0.0003	7749	-0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	574.5	58.85	10.24	616.1	532.9
Ca3181	318.128 {1	In2306	ppm	607.7	63.52	10.45	652.6	562.8
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	13.91	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0004	307.1	0.0005	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0028	0.0002	8.506	0.003	0.0026
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0	1.064	0.0023	0.0024
Fe2404	240.488 {1	In2306	ppm	202.3	21.05	10.4	217.2	187.4
K_7664	766.490 { 4	Y_3710	ppm	0.0359	0.011	30.63	0.0281	0.0437
K_7698	769.896 { 4	Y_3710	ppm	0.0041	0.0285	696.8	-0.0161	0.0243
Li6707	670.784 { 5	Y_3710	ppm	0.0095	0.0008	7.89	0.009	0.0101
Mg2790	279.079 {1	Y_3710	ppm	577.3	6.106	1.058	573	581.7
Mn2576	257.610 {1	Y_3600	ppm	-0.0052	0.0001	1.271	-0.0052	-0.0053
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0046	0.0043	94.63	-0.0077	-0.0015
Mo2020	202.030 {4	Y_2243	ppm	-0.0006	0.0004	60.95	-0.0004	-0.0009
Na5895	589.592 { 5	Y_3710	ppm	0.0215	0.0032	14.97	0.0238	0.0193
Na8183	818.326 { 4	Y_3710	ppm	0.7231	0.0703	9.726	0.6734	0.7728
Ni2316	231.604 {4	In2306	ppm	0.0058	0.0004	6.819	0.0061	0.0055
P_1782	178.284 {4	In2306	ppm	0.0016	0.0011	68.65	0.0008	0.0024
Pb2203	220.353 {4	In2306	ppm	-0.0153	0.0069	45.02	-0.0202	-0.0104
S_1820	182.034 {4	Y_2243	ppm	779.8	16.42	2.105	791.4	768.2
Sb2068	206.833 {4	Y_2243	ppm	-0.0084	0.0039	46.21	-0.0112	-0.0057
Se1960	196.090 {4	Y_2243	ppm	-0.0001	0.0019	3331	0.0013	-0.0014
Si2516	251.611 {1	Y_3710	ppm	0.0008	0.0501	6393	-0.0347	0.0362
Sn1899	189.989 {4	In2306	ppm	0.0024	0.0003	12.19	0.0022	0.0026
Sr4215	421.552 { 8	Y_3710	ppm	0.0025	0	0.6279	0.0025	0.0025
Ti3349	334.904 {1	Y_3600	ppm	0.0021	0.0003	16.35	0.0019	0.0024
Tl1908	190.856 {4	In2306	ppm	-0.0042	0.0005	13.03	-0.0045	-0.0038
V_2924	292.402 {1	Y_3600	ppm	-0.0056	0.0001	2.543	-0.0055	-0.0057
Zn2062	206.200 {4	In2306	ppm	0.0044	0.0001	1.424	0.0043	0.0044

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	27.883	2.9746	10.668	25.779	29.986
In2306	230.606 {4	Cts/S	7401.8	46.664	0.63044	7434.8	7368.8
Y_2243	224.306 {4	Cts/S	11150	52.887	0.47432	11188	11113
Y_3600	360.073 { 9	Cts/S	81394	351.74	0.43214	81642	81145
Y_3710	371.030 { 9	Cts/S	4803.7	13.959	0.29058	4813.6	4793.8

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5898	0.0039	0.6697	0.5926	0.587
Al3082	308.215 {1	In2306	ppm	665.7	12.01	1.803	657.2	674.2
As1890	189.042 {4	Y_2243	ppm	0.9179	0.0003	0.0345	0.9181	0.9177
B_2496	249.678 {1	Y_3710	ppm	0.992	0.0041	0.4164	0.9891	0.9949
Ba4554	455.403 { 7	Y_3710	ppm	1.219	0.0103	0.8473	1.212	1.227
Be3130	313.042 {1	Y_3710	ppm	0.5289	0.0011	0.2074	0.5281	0.5296
Ca3158	315.887 {1	In2306	ppm	664.2	11.75	1.77	655.9	672.5
Ca3181	318.128 {1	In2306	ppm	700.4	9.704	1.385	693.6	707.3
Cd2288	228.802 {4	Y_2243	ppm	0.5002	0.0023	0.4546	0.5018	0.4986
Co2286	228.616 {4	In2306	ppm	1.048	0.0032	0.3054	1.05	1.046
Cr2677	267.716 {1	Y_3600	ppm	1.042	0.0098	0.9383	1.049	1.035
Cu3247	324.754 {1	Y_3600	ppm	1.134	0.0073	0.645	1.139	1.128
Fe2404	240.488 {1	In2306	ppm	240	4.109	1.712	237.1	242.9
K_7664	766.490 { 4	Y_3710	ppm	11.69	0.109	0.9326	11.61	11.77
K_7698	769.896 { 4	Y_3710	ppm	13.55	0.1188	0.8765	13.47	13.63
Li6707	670.784 { 5	Y_3710	ppm	1.208	0.0131	1.088	1.198	1.217
Mg2790	279.079 {1	Y_3710	ppm	593.4	3.348	0.5642	591	595.8
Mn2576	257.610 {1	Y_3600	ppm	1.002	0.0069	0.6883	1.007	0.9973
Mn2576-2	257.610 {1	Y_3710	ppm	0.914	0.0089	0.9781	0.9076	0.9203
Mo2020	202.030 {4	Y_2243	ppm	0.8193	0.0042	0.5165	0.8223	0.8163
Na5895	589.592 { 5	Y_3710	ppm	12.25	0.1005	0.8209	12.18	12.32
Na8183	818.326 { 4	Y_3710	ppm	13.69	0.1481	1.082	13.59	13.8
Ni2316	231.604 {4	In2306	ppm	0.9615	0.0018	0.1877	0.9628	0.9602
P_1782	178.284 {4	In2306	ppm	1.183	0.0007	0.0603	1.184	1.183
Pb2203	220.353 {4	In2306	ppm	0.9451	0.0095	1.001	0.9518	0.9384
S_1820	182.034 {4	Y_2243	ppm	809.7	10.25	1.266	816.9	802.4
Sb2068	206.833 {4	Y_2243	ppm	0.8745	0.0072	0.8214	0.8796	0.8695
Se1960	196.090 {4	Y_2243	ppm	0.8929	0.0091	1.022	0.8993	0.8864
Si2516	251.611 {1	Y_3710	ppm	0.785	0.0102	1.306	0.7923	0.7778
Sn1899	189.989 {4	In2306	ppm	0.9487	0.0006	0.0588	0.9491	0.9483
Sr4215	421.552 { 8	Y_3710	ppm	0.5602	0.0051	0.9188	0.5566	0.5639
Ti3349	334.904 {1	Y_3600	ppm	1.004	0.0067	0.664	1.009	0.9992
Tl1908	190.856 {4	In2306	ppm	0.8792	0.0064	0.7243	0.8837	0.8747
V_2924	292.402 {1	Y_3600	ppm	1.127	0.0101	0.8987	1.134	1.12
Zn2062	206.200 {4	In2306	ppm	1.072	0.0071	0.6653	1.077	1.067

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	24.583	0.36599	1.4888	24.842	24.325
In2306	230.606 {4	Cts/S	7343.3	6.383	0.08692	7338.8	7347.8
Y_2243	224.306 {4	Cts/S	11122	9.2814	0.08345	11116	11129
Y_3600	360.073 { 9	Cts/S	81803	543.43	0.66431	81419	82187
Y_3710	371.030 { 9	Cts/S	4760.8	15.463	0.32481	4771.7	4749.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2578	0.0011	0.4282	0.2586	0.257
Al3082	308.215 {1	In2306	ppm	3.036	0.2027	6.677	3.179	2.892
As1890	189.042 {4	Y_2243	ppm	0.4435	0.0027	0.6078	0.4454	0.4416
B_2496	249.678 {1	Y_3710	ppm	0.4288	0.0045	1.042	0.4256	0.4319
Ba4554	455.403 { 7	Y_3710	ppm	0.5188	0.0023	0.4369	0.5204	0.5172
Be3130	313.042 {1	Y_3710	ppm	0.4789	0.0027	0.563	0.477	0.4808
Ca3158	315.887 {1	In2306	ppm	14.51	0.8215	5.661	15.09	13.93
Ca3181	318.128 {1	In2306	ppm	15.12	0.8242	5.45	15.71	14.54
Cd2288	228.802 {4	Y_2243	ppm	0.4705	0.0009	0.1945	0.4711	0.4699
Co2286	228.616 {4	In2306	ppm	0.5121	0.0009	0.1836	0.5114	0.5127
Cr2677	267.716 {1	Y_3600	ppm	0.5468	0.0012	0.2139	0.5477	0.546
Cu3247	324.754 {1	Y_3600	ppm	0.5147	0.0029	0.5571	0.5167	0.5127
Fe2404	240.488 {1	In2306	ppm	2.591	0.1356	5.234	2.686	2.495
K_7664	766.490 { 4	Y_3710	ppm	12.29	0.0429	0.3488	12.32	12.26
K_7698	769.896 { 4	Y_3710	ppm	13.93	0.0113	0.0811	13.92	13.94
Li6707	670.784 { 5	Y_3710	ppm	0.5187	0.003	0.5845	0.5208	0.5166
Mg2790	279.079 {1	Y_3710	ppm	4.738	0.0471	0.9934	4.705	4.772
Mn2576	257.610 {1	Y_3600	ppm	0.5245	0.004	0.7703	0.5274	0.5217
Mn2576-2	257.610 {1	Y_3710	ppm	0.3991	0.0046	1.148	0.3959	0.4024
Mo2020	202.030 {4	Y_2243	ppm	0.4408	0.0002	0.0519	0.441	0.4407
Na5895	589.592 { 5	Y_3710	ppm	13.15	0.0687	0.5227	13.19	13.1
Na8183	818.326 { 4	Y_3710	ppm	13.85	0.1055	0.7616	13.93	13.78
Ni2316	231.604 {4	In2306	ppm	0.469	0.0004	0.0842	0.4693	0.4687
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0002	32.19	-0.0008	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.4833	0.0012	0.2382	0.4841	0.4824
S_1820	182.034 {4	Y_2243	ppm	-4929	34.62	0.7025	-4953	-4904
Sb2068	206.833 {4	Y_2243	ppm	0.4483	0.0005	0.1162	0.4487	0.448
Se1960	196.090 {4	Y_2243	ppm	0.4384	0.0016	0.3668	0.4395	0.4372
Si2516	251.611 {1	Y_3710	ppm	0.6938	0.0214	3.087	0.6786	0.7089
Sn1899	189.989 {4	In2306	ppm	0.4649	0.0019	0.3993	0.4662	0.4636
Sr4215	421.552 { 8	Y_3710	ppm	0.2444	0.0009	0.3613	0.245	0.2438
Ti3349	334.904 {1	Y_3600	ppm	0.5139	0.0035	0.6847	0.5164	0.5114
Tl1908	190.856 {4	In2306	ppm	0.4668	0.001	0.2163	0.4675	0.4661
V_2924	292.402 {1	Y_3600	ppm	0.585	0.0051	0.8745	0.5886	0.5814

Zn2062	206.200 {4	In2306	ppm	0.5143	0.0005	0.0947	0.5146	0.5139

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	27.828	1.5235	5.4746	26.751	28.905
In2306	230.606 {4	Cts/S	9680.8	15.022	0.15518	9691.5	9670.2
Y_2243	224.306 {4	Cts/S	12678	15.685	0.12372	12667	12689
Y_3600	360.073 { 9	Cts/S	95012	606.74	0.6386	94583	95441
Y_3710	371.030 { 9	Cts/S	5502	33.594	0.61058	5525.8	5478.3

[Sample Header]
Method=ICP6500Metals_TRY3(v623)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 15:00:14
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	155	0	-0.0005
Al3082	308.215 {1	In2306	ppm	0.2842	0.0366	12.88	0.2583	0.31
As1890	189.042 {4	Y_2243	ppm	0.0022	0.0008	35.17	0.0017	0.0028
B_2496	249.678 {1	Y_3710	ppm	-0.0056	0.0008	13.67	-0.0061	-0.0051
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0002	26.18	0.0006	0.0009
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0002	86.29	-0.0001	-0.0004
Ca3158	315.887 {1	In2306	ppm	-0.0117	0.0053	45.83	-0.0079	-0.0154
Ca3181	318.128 {1	In2306	ppm	0.0278	0.099	355.7	0.0978	-0.0422
Cd2288	228.802 {4	Y_2243	ppm	0.0006	0.0008	141.8	0	0.0012
Co2286	228.616 {4	In2306	ppm	0.0005	0.0011	251.1	-0.0004	0.0013
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	42.76	0.0002	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	5.59	-0.0019	-0.0018
Fe2404	240.488 {1	In2306	ppm	0.0082	0.017	206.1	0.0202	-0.0038
K_7664	766.490 { 4	Y_3710	ppm	0.0266	0.0047	17.53	0.0299	0.0233
K_7698	769.896 { 4	Y_3710	ppm	0.1047	0.0345	32.96	0.129	0.0803
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0003	608.8	0.0002	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0221	0.0514	232.6	0.0585	-0.0143
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	47.11	0	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0019	0.0012	63.83	0.001	0.0027
Mo2020	202.030 {4	Y_2243	ppm	0.0017	0.0009	55.21	0.001	0.0023
Na5895	589.592 { 5	Y_3710	ppm	0.0089	0.0109	122.3	0.0167	0.0012
Na8183	818.326 { 4	Y_3710	ppm	-0.0089	0.0688	771.4	0.0397	-0.0575
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0011	433.8	-0.0005	0.001
P_1782	178.284 {4	In2306	ppm	-0.001	0.001	103.2	-0.0003	-0.0017
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0005	166.3	-0.0006	0
S_1820	182.034 {4	Y_2243	ppm	12.31	2.737	22.24	10.37	14.24
Sb2068	206.833 {4	Y_2243	ppm	0.0095	0.0018	19.45	0.0082	0.0108
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0002	42.87	0.0003	0.0006
Si2516	251.611 {1	Y_3710	ppm	-0.027	0.0045	16.62	-0.0301	-0.0238
Sn1899	189.989 {4	In2306	ppm	0.0011	0.0011	105.6	0.0003	0.0019
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	1272	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0013	0.0001	10.16	0.0014	0.0012
Tl1908	190.856 {4	In2306	ppm	0.0005	0.0008	167.8	-0.0001	0.0011

V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0004	88.14	0.0007	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0021	0.001	48.36	0.0014	0.0029

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	27.843	0.37422	1.344	28.107	27.578
In2306	230.606 {4	Cts/S	10280	6.6103	0.0643	10284	10275
Y_2243	224.306 {4	Cts/S	12909	24.834	0.19238	12926	12891
Y_3600	360.073 { 9	Cts/S	97742	178.36	0.18248	97868	97616
Y_3710	371.030 { 9	Cts/S	5474.8	40.751	0.74434	5503.7	5446

[Sample Header]
Method=ICP6500Metals_TRY3(v623)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 15:02:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0002	58.07	0.0002	0.0005
Al3082	308.215 {1	In2306	ppm	0.2092	0.0463	22.16	0.2419	0.1764
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0008	92.77	0.0014	0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.0013	0.0048	363.5	0.0021	-0.0047
Ba4554	455.403 { 7	Y_3710	ppm	0.0005	0.0002	34.77	0.0004	0.0006
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	5.768	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0335	0.0017	5.073	-0.0323	-0.0347
Ca3181	318.128 {1	In2306	ppm	0.0646	0.0333	51.55	0.0882	0.0411
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	24.41	-0.0003	-0.0002
Co2286	228.616 {4	In2306	ppm	-0.0001	0	35.9	-0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0	0.0003	806.3	0.0002	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0006	0.0001	23.9	0.0007	0.0005
Fe2404	240.488 {1	In2306	ppm	0.05	0.0923	184.5	0.1153	-0.0152
K_7664	766.490 { 4	Y_3710	ppm	0.0171	0.0072	42.02	0.012	0.0222
K_7698	769.896 { 4	Y_3710	ppm	-0.3234	0.0341	10.55	-0.2993	-0.3475
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0003	157.9	0.0003	0
Mg2790	279.079 {1	Y_3710	ppm	-0.0151	0.0624	411.8	0.029	-0.0593
Mn2576	257.610 {1	Y_3600	ppm	0	0	154.1	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.003	0.0016	55.15	0.0018	0.0041
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0	69.26	-0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.0109	0.0006	5.31	0.0105	0.0113
Na8183	818.326 { 4	Y_3710	ppm	0.3457	0.0654	18.93	0.2994	0.392
Ni2316	231.604 {4	In2306	ppm	-0.0007	0.0002	21.83	-0.0006	-0.0009
P_1782	178.284 {4	In2306	ppm	-0.001	0.0003	33.73	-0.0013	-0.0008
Pb2203	220.353 {4	In2306	ppm	-0.0005	0.0002	42.68	-0.0004	-0.0007
S_1820	182.034 {4	Y_2243	ppm	14.85	2.136	14.38	13.34	16.36
Sb2068	206.833 {4	Y_2243	ppm	-0.0016	0.001	62.85	-0.0024	-0.0009
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.0001	37.73	0.0001	0.0002
Si2516	251.611 {1	Y_3710	ppm	0.0004	0.021	4720	-0.0144	0.0153
Sn1899	189.989 {4	In2306	ppm	-0.0006	0.0001	11.52	-0.0007	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0002	160.6	0	-0.0003
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	288.1	0.0002	-0.0001

Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0002	90.25	-0.0003	-0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0002	23.11	0.0006	0.0009
Zn2062	206.200 {4	In2306	ppm	-0.0003	0	2.214	-0.0004	-0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	30.201	0.28927	0.95781	29.997	30.406
In2306	230.606 {4	Cts/S	10622	24.078	0.22669	10639	10605
Y_2243	224.306 {4	Cts/S	13122	12.756	0.09721	13131	13113
Y_3600	360.073 { 9	Cts/S	98832	335.15	0.33911	99069	98595
Y_3710	371.030 { 9	Cts/S	5901	131.73	2.2324	5994.2	5807.9

[Sample Header]
Method=ICP6500Metals_TRY3(v623)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/16/2012 15:05:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0	21.84	0.0001	0.0001
Al3082	308.215 {1	In2306	ppm	0.232	0.0227	9.798	0.216	0.2481
As1890	189.042 {4	Y_2243	ppm	0.0003	0.001	361.6	0.0009	-0.0004
B_2496	249.678 {1	Y_3710	ppm	0.0004	0.0032	764.1	0.0027	-0.0019
Ba4554	455.403 { 7	Y_3710	ppm	0.0008	0.0001	14.74	0.0009	0.0007
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	48.27	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0438	0.0147	33.46	-0.0335	-0.0542
Ca3181	318.128 {1	In2306	ppm	-0.035	0.0191	54.56	-0.0215	-0.0485
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	67.78	-0.0001	-0.0003
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	93.14	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0001	24.47	-0.0003	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.001	0.0001	13.4	-0.0009	-0.0011
Fe2404	240.488 {1	In2306	ppm	-0.0079	0.0111	140.6	0	-0.0157
K_7664	766.490 { 4	Y_3710	ppm	0.0002	0.015	9618	0.0108	-0.0105
K_7698	769.896 { 4	Y_3710	ppm	-0.2881	0.0036	1.256	-0.2855	-0.2906
Li6707	670.784 { 5	Y_3710	ppm	0	0.0003	1398	0.0002	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0417	0.0813	194.8	0.0158	-0.0992
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	24.81	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0041	0.0042	100.3	0.0012	0.0071
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0.0003	161.4	-0.0003	0
Na5895	589.592 { 5	Y_3710	ppm	0.0037	0.0009	24.21	0.003	0.0043
Na8183	818.326 { 4	Y_3710	ppm	0.0577	0.019	32.84	0.0443	0.0712
Ni2316	231.604 {4	In2306	ppm	-0.0006	0	5.037	-0.0006	-0.0006
P_1782	178.284 {4	In2306	ppm	-0.0013	0.0007	53.4	-0.0018	-0.0008
Pb2203	220.353 {4	In2306	ppm	-0.0009	0.0008	83.98	-0.0014	-0.0004
S_1820	182.034 {4	Y_2243	ppm	11.7	9.904	84.65	4.697	18.7
Sb2068	206.833 {4	Y_2243	ppm	-0.0013	0.0016	117.2	-0.0002	-0.0024
Se1960	196.090 {4	Y_2243	ppm	-0.0003	0.0003	99.98	-0.0001	-0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0288	0.0386	133.8	-0.0015	-0.0562
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0003	61.31	-0.0003	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	-0.0002	0.0002	133.8	0	-0.0003

Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0001	9.992	0.0008	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0001	105.8	0.0002	0
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0001	17.1	0.0005	0.0004
Zn2062	206.200 {4	In2306	ppm	-0.0004	0	11.89	-0.0004	-0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	28.776	1.2811	4.4518	29.682	27.87
In2306	230.606 {4	Cts/S	10623	21.736	0.20461	10638	10608
Y_2243	224.306 {4	Cts/S	13130	6.4923	0.04944	13135	13126
Y_3600	360.073 { 9	Cts/S	97222	331.19	0.34065	96988	97456
Y_3710	371.030 { 9	Cts/S	5662.6	51.341	0.90667	5698.9	5626.3

Method: 20076010 01/21/12 07:16:52 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A012112	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/21/12 07:24:38 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/21/12 07:21:15

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01168	.00172	-.00032	.00051	-.03774	.00277	.00062
SDev	.00026	.00067	.00093	.00073	.00023	.00210	.00041
%RSD	2.2033	38.667	286.35	141.42	.61852	75.790	65.957
#1	.01150	.00125	-.00098	.00000	-.03790	.00128	.00091
#2	.01186	.00219	.00033	.00103	-.03757	.00425	.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00597	.00018	-.00070	.00315	-.00015	.04193	.02016
SDev	.00007	.00059	.00009	.00034	.00289	.00033	.00018
%RSD	1.2465	326.71	12.232	10.797	1931.8	.79432	.89383
#1	.00602	-.00024	-.00064	.00291	.00189	.04216	.02029
#2	.00591	.00060	-.00076	.00339	-.00219	.04169	.02003

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00005	-.00018	.00007	.27967	.03976	-.00047	-.00224
SDev	.00007	.00007	.00043	.00323	.00085	.00018	.00064
%RSD	141.42	39.720	613.32	1.1533	2.1509	39.258	28.356
#1	.00000	-.00024	.00037	.28195	.03915	-.00034	-.00179
#2	.00010	-.00013	-.00023	.27739	.04036	-.00060	-.00269

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.13078	.00173	-.00177	.00137	-.00230	.00005	.00778
SDev	.00220	.00216	.00026	.00022	.00095	.00016	.00014
%RSD	1.6814	124.83	14.778	16.017	41.401	335.64	1.8560
#1	.13234	.00020	-.00159	.00122	-.00298	-.00007	.00788
#2	.12923	.00326	-.00196	.00153	-.00163	.00017	.00767

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00275	.00034	-.00930	.00558

SDev	.00968	.00278	.00057	.00047
%RSD	351.45	827.21	6.0861	8.4624
#1	-.00409	.00230	-.00970	.00592
#2	.00960	-.00163	-.00890	.00525

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29839	--	--	--	--	--	--
SDev	371.9382	--	--	--	--	--	--
%RSD	1.246483	--	--	--	--	--	--
#1	29576	--	--	--	--	--	--
#2	30102	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/21/12 07:24:52

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.0986	1.1291	1.1550	17.188	20.306	7.1978	12.112
SDev	.0004	.0028	.0026	.009	.035	.0015	.010
%RSD	.03322	.24555	.22217	.05000	.17237	.02124	.08543
#1	1.0988	1.1272	1.1569	17.194	20.331	7.1989	12.119
#2	1.0983	1.1311	1.1532	17.182	20.281	7.1967	12.105

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.6352	2.1979	1.3089	1.6592	4.7391	24.849	1.1462
SDev	.0047	.0028	.0008	.0004	.0068	.033	.0018
%RSD	.17771	.12784	.05769	.02399	.14344	.13279	.15506
#1	2.6385	2.1998	1.3094	1.6595	4.7439	24.872	1.1474
#2	2.6318	2.1959	1.3083	1.6590	4.7343	24.826	1.1449

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.9452	1.8319	4.9016	3.3641	.95652	.87114	.15585
SDev	.0033	.0026	.0457	.0053	.00432	.00067	.00002
%RSD	.16906	.14237	.93152	.15823	.45202	.07692	.01208
#1	1.9476	1.8338	4.9338	3.3678	.95958	.87162	.15583
#2	1.9429	1.8301	4.8693	3.3603	.95346	.87067	.15586

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.137	52.626	.35562	2.6031	12.903	.59943	3.2992
SDev	.028	.090	.00025	.0047	.021	.00095	.0058
%RSD	.14102	.17174	.07066	.18147	.16504	.15791	.17477
#1	20.157	52.690	.35544	2.6065	12.918	.60010	3.3033
#2	20.117	52.562	.35580	2.5998	12.888	.59876	3.2952

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.8388	7.7091	1.2325	1.1135
SDev	.0054	.0075	.0018	.0046
%RSD	.14067	.09784	.14266	.40989
#1	3.8427	7.7144	1.2337	1.1103
#2	3.8350	7.7038	1.2312	1.1168

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29253	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.1740392	--	--	--	--	--	--
#1	29217	--	--	--	--	--	--
#2	29289	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	18.4008	-.214880	01/21/12 07:24:52
Sb2068	206.838	STD	S0	1.77986	-.003065	01/21/12 07:24:52
As1890	189.042	STD	S0	1.71431	.000556	01/21/12 07:24:52
Ba4934	493.409	STD	S0	.116364	-.000060	01/21/12 07:24:52
Be3130	313.042	STD	S0	.049187	.001856	01/21/12 07:24:52
B_2496	249.678	STD	S0	.277969	-.000770	01/21/12 07:24:52
Cd2265	226.502	STD	S0	.082730	-.000052	01/21/12 07:24:52
Ca3179	317.933	STD	S0	7.60691	-.045381	01/21/12 07:24:52
Cr2677	267.716	STD	S0	.910050	-.000164	01/21/12 07:24:52
Co2286	228.616	STD	S0	1.52721	.001074	01/21/12 07:24:52
Cu3247	324.753	STD	S0	1.20703	-.003800	01/21/12 07:24:52
Fe2714	271.441	STD	S0	4.04538	.000605	01/21/12 07:24:52
Li6707	670.784	STD	S0	.080622	-.003380	01/21/12 07:24:52
Pb2203	220.353		NONE	.000000	.000000	*01/21/12 07:24:52
Se1960	196.026		NONE	.000000	.000000	*01/21/12 07:24:52
Mg2790	279.078	STD	S0	17.7620	-.358070	01/21/12 07:24:52
Mn2576	257.610	STD	S0	1.02837	-.000051	01/21/12 07:24:52
Mo2020	202.030	STD	S0	1.09164	.000202	01/21/12 07:24:52
Ni2316	231.604	STD	S0	.408040	-.000028	01/21/12 07:24:52
K_7664	766.491	STD	S0	6.48425	-1.81345	01/21/12 07:24:52
Si2881	288.158	STD	S0	2.16151	-.085937	01/21/12 07:24:52
Ag3280	328.068	STD	S0	1.14762	.000537	01/21/12 07:24:52
Na3302	330.232	STD	S0	126.511	.283565	01/21/12 07:24:52
Na5889	588.995	STD	S0	.999678	-.130740	01/21/12 07:24:52
Sr4215	421.552	STD	S0	.019012	-.000033	01/21/12 07:24:52
Tl1908	190.864	STD	S0	5.61406	.009963	01/21/12 07:24:52
Sn1899	189.989	STD	S0	.768714	-.001055	01/21/12 07:24:52
Ti3349	334.941	STD	S0	.154972	.000357	01/21/12 07:24:52
V_2924	292.402	STD	S0	3.30482	-.000163	01/21/12 07:24:52
Zn2138	213.856	STD	S0	.608378	-.004731	01/21/12 07:24:52
2203/1	220.351	STD	S0	.524407	-.001445	01/21/12 07:24:52
2203/2	220.352	STD	S0	.258473	-.000087	01/21/12 07:24:52
1960/1	196.021	STD	S0	1.61264	.015003	01/21/12 07:24:52
1960/2	196.022	STD	S0	1.80137	-.010057	01/21/12 07:24:52

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	.000000	-.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/21/12 07:28:15 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/21/12 07:28:15 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	-.000000	.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/21/12 07:32:48 AM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/21/12 07:29:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.966	1.9998	2.0015	2.0052	1.0025	1.9991	.99755

SDev	.066	.0037	.0003	.0068	.0009	.0051	.00118
%RSD	.33062	.18308	.01546	.34109	.09431	.25537	.11786
#1	20.013	2.0023	2.0017	2.0100	1.0032	2.0027	.99838
#2	19.920	1.9972	2.0013	2.0003	1.0018	1.9955	.99672

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.947	1.9956	1.9955	2.0009	19.945	1.9999	1.9965
SDev	.015	.0029	.0035	.0091	.012	.0091	.0042
%RSD	.07346	.14597	.17380	.45354	.05842	.45594	.21135
#1	19.957	1.9977	1.9980	2.0073	19.953	2.0064	1.9995
#2	19.937	1.9936	1.9931	1.9944	19.937	1.9935	1.9935

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9989	19.952	1.9962	2.0068	1.9631	20.048	1.9715
SDev	.0023	.045	.0036	.0051	.0065	.066	.0064
%RSD	.11734	.22391	.18142	.25335	.33234	.32799	.32360
#1	1.9972	19.984	1.9988	2.0103	1.9677	20.094	1.9761
#2	2.0006	19.921	1.9936	2.0032	1.9585	20.001	1.9670

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99749	19.909	19.995	.99820	2.0002	1.9973	1.9987
SDev	.00286	.079	.108	.00295	.0040	.0007	.0048
%RSD	.28706	.39766	.54209	.29554	.19991	.03732	.24015
#1	.99952	19.965	20.072	1.0003	2.0030	1.9979	2.0021
#2	.99547	19.853	19.919	.99611	1.9974	1.9968	1.9953

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9982	1.9974	1.9936	1.9980	2.0017	1.9975
SDev	.0034	.0022	.0041	.0043	.0046	.0012
%RSD	.17078	.11256	.20513	.21445	.22797	.06191
#1	2.0006	1.9990	1.9965	2.0010	1.9985	1.9966
#2	1.9958	1.9959	1.9907	1.9949	2.0049	1.9984

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29006	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.1048270	--	--	--	--	--	--

#1	28984	--	--	--	--	--	--
#2	29027	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 07:32:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5331	.51539	.51206	.50613	.52065	.50984	.51315
SDev	.0040	.00340	.00051	.00052	.00039	.00179	.00076
%RSD	.15943	.66006	.09907	.10357	.07443	.35177	.14726
#1	2.5359	.51779	.51170	.50650	.52092	.51111	.51369
#2	2.5302	.51298	.51242	.50576	.52037	.50857	.51262

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.823	.51162	.51407	.51356	2.5943	.46773	.51187
SDev	.009	.00034	.00088	.00037	.0098	.00026	.00128
%RSD	.06696	.06684	.17038	.07241	.37682	.05667	.25092
#1	12.829	.51186	.51469	.51382	2.5874	.46792	.51277
#2	12.817	.51137	.51345	.51329	2.6012	.46754	.51096

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51926	5.1347	.50511	.52461	.49745	12.197	.95952
SDev	.00420	.0074	.00077	.00215	.00047	.018	.00299
%RSD	.80852	.14450	.15181	.40983	.09492	.14625	.31138
#1	.52223	5.1400	.50565	.52613	.49712	12.210	.96163
#2	.51630	5.1295	.50456	.52309	.49778	12.184	.95741

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25255	12.634	12.007	.25110	.51947	.52005	.51675
SDev	.00012	.030	.013	.00014	.00370	.00196	.00063
%RSD	.04625	.23915	.10479	.05491	.71174	.37662	.12095
#1	.25247	12.612	12.016	.25119	.51686	.52144	.51719
#2	.25263	12.655	11.998	.25100	.52209	.51867	.51631

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51515	.51976	.51369	.51095	.52073	.51859
SDev	.00059	.00103	.00111	.00248	.00289	.00485
%RSD	.11433	.19907	.21619	.48573	.55529	.93556
#1	.51556	.52049	.51290	.51271	.52277	.52202
#2	.51473	.51903	.51448	.50920	.51868	.51516

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/21/12 07:36:40 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28810	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0319064	--	--	--	--	--	--
#1	28804	--	--	--	--	--	--
#2	28817	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/21/12 07:36:43

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00383	.00215	-.00018	.00070	.00026	.00312	.00041
SDev	.00079	.00325	.00032	.00018	.00015	.00009	.00025
%RSD	20.563	151.59	173.22	25.592	58.092	2.8185	61.704
#1	.00327	.00444	.00004	.00058	.00015	.00319	.00023
#2	.00439	-.00015	-.00041	.00083	.00036	.00306	.00058

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01298	.00032	.00072	.00028	.00308	.00037	.00049
SDev	.00472	.00034	.00058	.00011	.02031	.00012	.00005
%RSD	36.338	106.54	80.816	38.229	660.17	32.863	9.6470
#1	.00965	.00008	.00031	.00020	-.01129	.00029	.00045
#2	.01632	.00056	.00112	.00035	.01744	.00046	.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00261	.00448	.00026	.00278	-.00030	.00581	-.00192
SDev	.00122	.00208	.00019	.00070	.00064	.00352	.00067
%RSD	46.758	46.435	75.121	25.324	211.01	60.526	35.031
#1	.00347	.00301	.00012	.00327	-.00075	.00332	-.00240
#2	.00175	.00596	.00039	.00228	.00015	.00830	-.00145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	-.01474	.00295	.00016	.00320	-.00006	.00039
SDev	.00054	.08744	.00238	.00007	.00373	.00247	.00016
%RSD	94.377	593.07	80.534	43.387	116.62	4429.9	40.358
#1	.00019	-.07658	.00127	.00011	.00056	-.00180	.00028
#2	.00096	.04709	.00463	.00021	.00584	.00169	.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00185	.00363	-.00109	.00409	.00187
SDev	.00015	.00018	.00050	.00032	.00344	.00011
%RSD	175.97	9.5904	13.710	29.405	84.234	5.7734
#1	-.00002	-.00198	.00398	-.00131	.00652	.00195

#2	.00019	-.00173	.00328	-.00086	.00165	.00179

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29909	--	--	--	--	--	--
SDev	70.71068	--	--	--	--	--	--
%RSD	.2364194	--	--	--	--	--	--
#1	29859	--	--	--	--	--	--
#2	29959	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/21/12 07:40:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09832	.01170	.00961	.01041	.00520	.01169	.00540
SDev	.00221	.00124	.00185	.00004	.00002	.00056	.00016
%RSD	2.2503	10.587	19.301	.34934	.31926	4.7442	3.0447
#1	.09675	.01083	.01092	.01039	.00518	.01130	.00551
#2	.09988	.01258	.00830	.01044	.00521	.01209	.00528

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09548	.01045	.01060	.01049	.11581	.00891	.01056
SDev	.00018	.00013	.00004	.00006	.00820	.00001	.00013
%RSD	.19159	1.2564	.34632	.54920	7.0833	.15231	1.2067
#1	.09561	.01036	.01063	.01045	.12161	.00890	.01065
#2	.09535	.01054	.01058	.01053	.11001	.00892	.01047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01220	.10403	.01044	.01149	.00967	.57483	.00799
SDev	.00148	.00085	.00005	.00042	.00002	.00234	.00026
%RSD	12.149	.82120	.47365	3.6563	.20291	.40687	3.2670
#1	.01325	.10342	.01040	.01178	.00969	.57649	.00781
#2	.01116	.10463	.01047	.01119	.00966	.57318	.00818

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00547	.64927	.53352	.00499	.01126	.01123	.01050
SDev	.00052	.08518	.00034	.00003	.00351	.00067	.00009
%RSD	9.5807	13.120	.06308	.69697	31.158	5.9250	.81637
#1	.00584	.70950	.53329	.00496	.01375	.01170	.01056
#2	.00510	.58903	.53376	.00501	.00878	.01076	.01044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01023	.00818	.01212	.00977	.01422	.01119

SDev	.00008	.00010	.00154	.00058	.00349	.00048
%RSD	.81610	1.2405	12.695	5.9170	24.541	4.2768
#1	.01029	.00825	.01321	.00937	.01669	.01153
#2	.01017	.00810	.01103	.01018	.01175	.01086

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29405	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	29405	--	--	--	--	--	--

#2	29405	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/21/12 07:44:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	500.57	.00108	-.00063	.00168	-.00020	-.00180	.00477
SDev	.46	.00313	.00105	.00002	.00001	.00023	.00032
%RSD	.09240	290.72	167.54	1.3481	6.2768	12.775	6.6723
#1	500.24	-.00114	-.00137	.00169	-.00021	-.00196	.00499
#2	500.90	.00329	.00012	.00166	-.00020	-.00164	.00454

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	452.60	.00153	.00010	.01328	191.88	.00448	.00804
SDev	.02	.00027	.00049	.00007	.10	.00006	.00108
%RSD	.00384	17.457	507.41	.55040	.05028	1.3399	13.419
#1	452.59	.00172	.00044	.01333	191.95	.00452	.00880
#2	452.61	.00134	-.00025	.01323	191.81	.00444	.00728

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01148	506.42	-.00774	-.00046	-.00001	.08118	.00991
SDev	.00296	.25	.00001	.00081	.00086	.00187	.00086
%RSD	25.766	.04964	.07508	178.46	16670.	2.3071	8.6703
#1	-.00939	506.24	-.00773	.00012	.00060	.08251	.01052
#2	-.01357	506.60	-.00774	-.00103	-.00061	.07986	.00931

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.08103	.15283	-.00900	-.00861	-.00137	-.00251
SDev	.00043	.05044	.00091	.00000	.00088	.00201	.00006
%RSD	382.75	62.245	.59810	.04042	10.239	146.03	2.2419
#1	.00019	.11670	.15218	-.00900	-.00799	-.00279	-.00247
#2	-.00041	.04537	.15347	-.00900	-.00924	.00004	-.00255

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00369	.00144	-.08484	.05448	.00038	-.01741
SDev	.00017	.00017	.00154	.00085	.01464	.00288
%RSD	4.5016	12.064	1.8096	1.5609	3813.4	16.571
#1	.00357	.00132	-.08375	.05508	.01074	-.01945
#2	.00381	.00156	-.08592	.05387	-.00997	-.01537

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26546	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--
%RSD	.0532741	--	--	--	--	--	--

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 #1      26536     --        --        --        --        --        --
 #2      26556     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: ICSAB-metisb_00069     Operator: SRP
Run Time: 01/21/12 07:48:19
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    506.77    1.0274    1.0184    1.0173    .48369    1.0306    .46985
 SDev       .26     .0054     .0004     .0001    .00005     .0013    .00028
 %RSD    .05142    .52916    .04268    .00780    .00991    .12876    .05895

 #1      506.58    1.0236    1.0181    1.0172    .48372    1.0296    .47005
 #2      506.95    1.0312    1.0187    1.0173    .48366    1.0315    .46965

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    454.74    .94829    .91767    1.0775    198.43    1.2242    .95868
 SDev       .29    .00014    .00015     .0006       .12     .0007    .00113
 %RSD    .06369    .01428    .01677    .05731    .06039    .05973    .11804

 #1      454.95    .94819    .91756    1.0770    198.52    1.2237    .95948
 #2      454.54    .94838    .91778    1.0779    198.35    1.2247    .95788

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0002    509.94    .94320    .97995    .89780    14.427    .96056
 SDev     .0017       .26    .00029    .00386    .00401      .010    .00025
 %RSD    .16849    .05081    .03085    .39352    .44648    .07080    .02600

 #1      .99901    510.12    .94340    .97722    .90063    14.420    .96074
 #2      1.0014    509.75    .94299    .98268    .89496    14.434    .96039

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .53363    12.430    13.738    .49259    .94838    .99107    .98045
 SDev    .00020      .052      .015    .00019    .00426    .00228    .00005

Analysis Report      Blank Sample         01/21/12 07:52:08 AM         page 7


 %RSD    .03707    .41877    .10822    .03890    .44930    .22985    .00484

 #1      .53377    12.467    13.727    .49246    .95140    .98946    .98042
 #2      .53349    12.393    13.748    .49273    .94537    .99268    .98048

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .97456    .99779    .86387    1.0061    1.0116    .99451
 SDev    .00037    .00066    .00128     .0023     .0027    .00116
 %RSD    .03814    .06596    .14857    .23250    .27028    .11673

 #1      .97482    .99732    .86296    1.0077    1.0096    .99369
 #2      .97429    .99825    .86478    1.0044    1.0135    .99533

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    26590     --        --        --        --        --        --
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SDev	40.30509	--	--	--	--	--	--
%RSD	.1515770	--	--	--	--	--	--
#1	26562	--	--	--	--	--	--
#2	26619	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 07:52:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5619	.50271	.50308	.49675	.51226	.50016	.50620
SDev	.0309	.00179	.00010	.00004	.00010	.00038	.00021
%RSD	1.2046	.35627	.02040	.00735	.02017	.07622	.04151
#1	2.5401	.50144	.50301	.49678	.51219	.50043	.50635
#2	2.5837	.50397	.50315	.49673	.51234	.49989	.50605

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.700	.50249	.50618	.50454	2.5671	.45907	.50507
SDev	.036	.00066	.00037	.00039	.0154	.00020	.00014
%RSD	.28215	.13191	.07227	.07645	.60104	.04351	.02752
#1	12.675	.50296	.50644	.50481	2.5562	.45921	.50517
#2	12.725	.50202	.50592	.50427	2.5780	.45893	.50497

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51069	5.1287	.49696	.51316	.49554	11.949	.94300
SDev	.00034	.0301	.00028	.00081	.00102	.007	.00074
%RSD	.06616	.58608	.05611	.15885	.20552	.06025	.07842
#1	.51045	5.1074	.49716	.51373	.49482	11.944	.94352
#2	.51092	5.1499	.49676	.51258	.49626	11.954	.94248

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24845	12.589	11.814	.24680	.50882	.51147	.50806
SDev	.00010	.029	.001	.00016	.00045	.00028	.00024
%RSD	.04175	.22860	.00778	.06579	.08834	.05421	.04778
#1	.24838	12.610	11.814	.24669	.50914	.51127	.50823
#2	.24853	12.569	11.813	.24692	.50851	.51166	.50789

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50651	.50983	.50632	.50444	.50819	.51199
SDev	.00003	.00006	.00030	.00036	.00572	.00337
%RSD	.00589	.01197	.06004	.07147	1.1263	.65795
#1	.50653	.50979	.50610	.50470	.51223	.50961
#2	.50648	.50987	.50653	.50419	.50414	.51438

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	29402	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0360738	--	--	--	--	--	--
#1	29395	--	--	--	--	--	--
#2	29410	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 07:56:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03018	.00001	-.00097	.00026	.00016	.00226	.00033
SDev	.00596	.00139	.00118	.00005	.00005	.00015	.00011
%RSD	19.753	11465.	122.07	19.229	31.653	6.8724	34.854
#1	.02596	.00100	-.00180	.00023	.00012	.00236	.00025
#2	.03439	-.00097	-.00013	.00030	.00019	.00215	.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03127	.00011	.00025	.00038	.01046	-.00002	.00112
SDev	.00768	.00022	.00022	.00018	.00975	.00007	.00010
%RSD	24.543	195.31	85.514	47.085	93.202	382.79	8.9516
#1	.02584	-.00004	.00010	.00025	.00357	-.00006	.00119
#2	.03670	.00026	.00041	.00050	.01735	.00003	.00105

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00129	.02345	.00022	.00255	-.00017	-.00667	-.00412
SDev	.00013	.00507	.00005	.00083	.00015	.00483	.00102
%RSD	9.9274	21.646	21.840	32.458	93.652	72.434	24.765

#1	.00120	.01986	.00019	.00313	-.00027	-.01009	-.00484
#2	.00138	.02704	.00026	.00196	-.00006	-.00325	-.00340

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.00958	-.00076	.00015	.00383	-.00094	.00032
SDev	.00006	.08380	.00181	.00003	.00174	.00027	.00001
%RSD	28.879	874.56	237.01	20.446	45.430	29.145	3.4621
#1	.00023	-.06883	-.00204	.00013	.00506	-.00075	.00031
#2	.00015	.04967	.00052	.00017	.00260	-.00113	.00033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.00291	.00237	.00049	.00485	-.00049
SDev	.00007	.00017	.00111	.00071	.00087	.00024
%RSD	50.909	5.9818	46.774	143.06	17.933	49.148
#1	.00009	-.00304	.00159	.00099	.00423	-.00032
#2	.00019	-.00279	.00316	-.00001	.00546	-.00067

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29773	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1139997	--	--	--	--	--	--
#1	29797	--	--	--	--	--	--
#2	29749	--	--	--	--	--	--

Analysis Report 01/21/12 08:05:40 AM page 1

Method: 20076010 Sample Name: mb 600-70339/1-a Operator: SRP
Run Time: 01/21/12 08:01:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00684	.00138	.00009	.00204	-.00002	.00123	.00003
SDev	.00141	.00244	.00016	.00003	.00002	.00010	.00002
%RSD	20.658	176.63	172.84	1.3461	91.718	7.9307	64.574
#1	.00584	-.00034	.00021	.00202	-.00001	.00116	.00002
#2	.00784	.00311	-.00002	.00206	-.00004	.00130	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03343	.00074	-.00012	.00630	.01833	-.00025	.00099
SDev	.00068	.00013	.00037	.00028	.00441	.00001	.00029
%RSD	2.0349	17.697	294.02	4.3611	24.060	5.2011	29.173
#1	.03391	.00064	.00013	.00610	.02144	-.00024	.00119
#2	.03294	.00083	-.00038	.00649	.01521	-.00026	.00078

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00279	-.00308	.00058	.00022	.00015	-.00592	.00394
SDev	.00118	.00015	.00000	.00024	.00051	.00218	.00038
%RSD	42.408	4.9905	.17809	107.70	334.81	36.917	9.5401
#1	-.00195	-.00298	.00058	.00005	.00052	-.00437	.00367
#2	-.00363	-.00319	.00058	.00039	-.00021	-.00746	.00420

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.06336	.00586	.00003	-.00288	.03039	.00040
SDev	.00025	.03628	.00002	.00001	.00242	.00100	.00023
%RSD	121.74	57.264	.29194	40.990	84.059	3.2832	58.133
#1	.00038	.08901	.00584	.00002	-.00117	.03110	.00023
#2	.00003	.03770	.00587	.00003	-.00458	.02969	.00056

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00661	.00506	-.00105	-.00666	-.00086
SDev	.00016	.00001	.00122	.00104	.00117	.00119
%RSD	248.88	.17094	24.065	98.985	17.591	138.61
#1	-.00005	.00660	.00420	-.00032	-.00583	-.00002
#2	.00018	.00661	.00592	-.00179	-.00749	-.00170

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29296	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1641291	--	--	--	--	--	--

#1	29262	--	--	--	--	--	--
#2	29330	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70339/2-a Operator: SRP
Run Time: 01/21/12 08:05:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.550	.92394	1.2843	2.4982	1.4613	.82863	.67095
SDev	1.015	.00807	.0129	.0297	.0170	.00816	.00928
%RSD	1.1727	.87335	1.0014	1.1891	1.1630	.98423	1.3838
#1	87.267	.92964	1.2934	2.5192	1.4733	.83439	.67752
#2	85.832	.91823	1.2752	2.4772	1.4493	.82286	.66439

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.008	.98090	1.3440	1.0818	171.02	.08268	1.2819
SDev	1.076	.01190	.0169	.0128	2.16	.00110	.0181
%RSD	1.2372	1.2131	1.2586	1.1789	1.2649	1.3316	1.4114
#1	87.770	.98931	1.3560	1.0908	172.55	.08346	1.2947
#2	86.247	.97248	1.3321	1.0728	169.49	.08191	1.2691

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8473	39.081	4.8563	.87950	1.2465	46.091	8.9318
SDev	.0307	.465	.0594	.00791	.0198	.589	.0922
%RSD	1.6613	1.1889	1.2239	.89877	1.5900	1.2774	1.0325
#1	1.8690	39.410	4.8984	.88508	1.2605	46.508	8.9970
#2	1.8256	38.753	4.8143	.87391	1.2325	45.675	8.8666

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45320	3.6128	6.6275	2.3840	1.5255	1.5136	3.9564
SDev	.00548	.0774	.0935	.0312	.0287	.0190	.0459
%RSD	1.2084	2.1414	1.4109	1.3077	1.8813	1.2551	1.1609
#1	.45708	3.6676	6.6937	2.4061	1.5458	1.5271	3.9889
#2	.44933	3.5581	6.5614	2.3620	1.5052	1.5002	3.9239

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61420	2.2004	1.2690	1.2883	1.8430	1.8495
SDev	.00770	.0271	.0107	.0218	.0245	.0338
%RSD	1.2538	1.2300	.84585	1.6900	1.3275	1.8276

#1	.61965	2.2195	1.2766	1.3037	1.8603	1.8734
#2	.60876	2.1813	1.2614	1.2729	1.8257	1.8256

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/21/12 08:09:31 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31676	--	--	--	--	--	--
SDev	333.0473	--	--	--	--	--	--
%RSD	1.051402	--	--	--	--	--	--
#1	31441	--	--	--	--	--	--
#2	31912	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-1-a Operator: SRP
Run Time: 01/21/12 08:09:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	223.55	.00690	.13686	1.8352	.01124	.23322	.01306
SDev	.15	.00054	.00274	.0004	.00003	.00030	.00024
%RSD	.06570	7.8381	2.0036	.02279	.21970	.12988	1.8126
#1	223.65	.00728	.13492	1.8355	.01126	.23344	.01323
#2	223.44	.00652	.13880	1.8349	.01123	.23301	.01289

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1276.9	.20700	.10953	.75626	220.28	.13723	.18062
SDev	1.4	.00036	.00025	.00005	.10	.00008	.00032
%RSD	.10851	.17296	.22449	.00633	.04360	.06038	.17417
#1	1277.9	.20675	.10970	.75630	220.34	.13729	.18040
#2	1275.9	.20725	.10935	.75623	220.21	.13717	.18084

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01995	33.754	12.474	.00734	.23344	31.032	12.346
SDev	.00080	.012	.003	.00160	.00008	.045	.015
%RSD	4.0103	.03453	.02227	21.771	.03617	.14358	.11792
#1	-.01938	33.762	12.476	.00847	.23338	31.063	12.336
#2	-.02051	33.745	12.472	.00621	.23350	31.000	12.356

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	5.7301	6.4525	3.7491	-.01879	.03924	.32292
SDev	.00043	.0554	.0061	.0025	.00312	.00120	.00088
%RSD	21.440	.96602	.09421	.06683	16.580	3.0663	.27166
#1	-.00172	5.7692	6.4568	3.7509	-.01659	.03839	.32354
#2	-.00233	5.6910	6.4482	3.7474	-.02099	.04009	.32230

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51240	1.1577	.13569	.20309	-.01479	-.02253

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 SDev    .00010     .0003    .00019    .00057     .00280    .00260
 %RSD    .01958    .02883    .13975    .27903    18.955    11.550

 #1      .51247    1.1574    .13582    .20269    -.01677   -.02069

Analysis Report                          01/21/12 08:13:22 AM         page 4


 #2      .51233    1.1579    .13555    .20349    -.01281   -.02437

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    31578     --        --        --        --        --        --
 SDev    41.71930  --        --        --        --        --        --
 %RSD    .1321130  --        --        --        --        --        --

 #1      31549     --        --        --        --        --        --
 #2      31608     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-48986-b-2-a        Operator: SRP
Run Time: 01/21/12 08:13:25
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    243.58    .00407    .14901    2.5325    .01208    .26396    .01096
 SDev       .19    .00197    .00049     .0013    .00001    .00028    .00012
 %RSD    .07787    48.229    .32783    .05250    .04759    .10731    1.0771

 #1      243.72    .00268    .14866    2.5335    .01208    .26376    .01104
 #2      243.45    .00546    .14936    2.5316    .01208    .26416    .01087

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1161.4    .21903    .12533    1.8664    181.60    .14175    .20739
 SDev        .7    .00009    .00031     .0001       .10    .00006    .00005
 %RSD    .06337    .04226    .24706    .00694    .05517    .04139    .02167

 #1      1161.9    .21896    .12555    1.8663    181.67    .14179    .20742
 #2      1160.9    .21909    .12511    1.8665    181.53    .14171    .20736

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.01435   36.094    12.674    .00474    .24000    35.599    12.867
 SDev     .00057     .016      .005    .00050    .00077      .004      .006
 %RSD    3.9539    .04409    .03783    10.452    .32144    .01026    .04836

 #1      -.01475   36.105    12.677    .00510    .24054    35.601    12.872
 #2      -.01395   36.083    12.671    .00439    .23945    35.596    12.863

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00179   7.0295    7.7901    3.7554    -.01924   .03663    .29580
 SDev     .00024    .1162     .0041     .0028     .00250   .00159    .00011
 %RSD    13.534    1.6534    .05294    .07553    12.972    4.3421    .03715

 #1      -.00162   7.1117    7.7930    3.7574    -.01747   .03776    .29572
 #2      -.00197   6.9473    7.7872    3.7534    -.02100   .03551    .29587

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
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Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54299	.99886	.15903	.23157	-.00726	-.01790

SDev	.00029	.00082	.00027	.00007	.00199	.00184
%RSD	.05348	.08195	.16939	.02905	27.363	10.308
#1	.54320	.99944	.15922	.23152	-.00586	-.01920
#2	.54279	.99828	.15884	.23161	-.00867	-.01659

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33044	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1176924	--	--	--	--	--	--
#1	33017	--	--	--	--	--	--
#2	33072	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-3-a Operator: SRP
Run Time: 01/21/12 08:17:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	193.59	.00728	.10255	1.5023	.00887	.25581	.01026
SDev	.37	.00115	.00112	.0044	.00000	.00078	.00010
%RSD	.19106	15.829	1.0951	.29353	.03437	.30499	.97169
#1	193.85	.00809	.10334	1.5054	.00887	.25636	.01033
#2	193.33	.00646	.10175	1.4992	.00888	.25526	.01019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1549.8	.17655	.08994	.70211	152.74	.12127	.14449
SDev	1.8	.00049	.00008	.00140	.10	.00039	.00023
%RSD	.11780	.27631	.08632	.20011	.06303	.32288	.15749
#1	1548.5	.17620	.09000	.70310	152.67	.12155	.14465
#2	1551.1	.17689	.08989	.70111	152.81	.12100	.14433

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01143	32.945	9.0538	.00620	.19363	27.744	14.780
SDev	.00022	.018	.0062	.00018	.00042	.085	.009
%RSD	1.8908	.05509	.06801	2.8832	.21562	.30515	.06040
#1	-.01127	32.932	9.0495	.00608	.19334	27.804	14.786
#2	-.01158	32.958	9.0582	.00633	.19393	27.684	14.774

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	5.5372	6.2047	4.8610	-.01420	.03486	.31839
SDev	.00004	.0391	.0204	.0112	.00189	.00349	.00036
%RSD	2.2219	.70585	.32830	.22942	13.321	10.022	.11236
#1	-.00161	5.5648	6.2191	4.8689	-.01553	.03733	.31864
#2	-.00156	5.5095	6.1903	4.8531	-.01286	.03239	.31814

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44485	.86412	.10719	.16314	-.00152	-.01638
SDev	.00050	.00019	.00357	.00144	.00039	.00052
%RSD	.11312	.02163	3.3307	.88501	25.879	3.1774
#1	.44521	.86425	.10972	.16212	-.00180	-.01601
#2	.44450	.86399	.10467	.16416	-.00124	-.01675

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30366	--	--	--	--	--	--
SDev	123.7437	--	--	--	--	--	--
%RSD	.4075007	--	--	--	--	--	--
#1	30279	--	--	--	--	--	--
#2	30454	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-4-a Operator: SRP
Run Time: 01/21/12 08:21:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	273.64	-.00003	.12323	2.8157	.01153	2.6873	.02752
SDev	.47	.00051	.00357	.0032	.00000	.0047	.00008
%RSD	.17344	1504.1	2.8967	.11489	.00895	.17391	.29552
#1	273.30	-.00040	.12071	2.8134	.01153	2.6840	.02758
#2	273.98	.00033	.12576	2.8180	.01152	2.6906	.02747

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1388.6	4.8850	.10626	.66712	281.01	.16607	.18193
SDev	.8	.0104	.00016	.00023	.33	.00020	.00097
%RSD	.05688	.21233	.15010	.03525	.11639	.12175	.53037
#1	1388.1	4.8777	.10637	.66729	280.78	.16593	.18125
#2	1389.2	4.8923	.10615	.66695	281.24	.16621	.18261

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03460	78.465	36.399	.02445	.24777	32.504	12.765
SDev	.00059	.101	.029	.00218	.00035	.071	.021
%RSD	1.7025	.12880	.07877	8.9011	.14192	.21904	.16279
#1	-.03502	78.394	36.378	.02599	.24752	32.453	12.751
#2	-.03418	78.537	36.419	.02291	.24802	32.554	12.780

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00122	8.9661	10.356	4.6333	-.03518	.20092	.70160
SDev	.00066	.0277	.023	.0063	.00012	.00128	.00152

%RSD	54.111	.30906	.22207	.13540	.34895	.63884	.21685
#1	-.00075	8.9857	10.339	4.6289	-.03527	.20183	.70053
#2	-.00168	8.9465	10.372	4.6378	-.03510	.20002	.70268

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96065	2.4386	.12705	.20937	-.03374	-.03503
SDev	.00144	.0035	.00097	.00193	.00744	.00460
%RSD	.14985	.14449	.76165	.92237	22.034	13.136
#1	.95963	2.4361	.12773	.20801	-.02849	-.03828
#2	.96167	2.4411	.12637	.21074	-.03900	-.03178

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30796	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.0849571	--	--	--	--	--	--
#1	30777	--	--	--	--	--	--
#2	30814	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-5-a Operator: SRP
Run Time: 01/21/12 08:24:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	226.27	.00278	.12801	2.3101	.01243	13.544	.00970
SDev	.19	.00139	.00059	.0011	.00000	.001	.00013
%RSD	.08208	50.093	.45768	.04803	.01365	.00666	1.3003
#1	226.40	.00377	.12760	2.3109	.01243	13.543	.00979
#2	226.14	.00180	.12843	2.3093	.01243	13.544	.00961

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1064.7	.20356	.13214	.36893	169.24	.15384	.19207
SDev	.4	.00024	.00008	.00012	.06	.00023	.00063
%RSD	.03673	.11651	.05947	.03353	.03656	.15175	.32740
#1	1064.4	.20373	.13220	.36902	169.20	.15401	.19251
#2	1064.9	.20339	.13209	.36885	169.29	.15368	.19162

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01647	34.110	13.280	.00110	.24861	28.349	11.539
SDev	.00216	.003	.004	.00192	.00146	.072	.002
%RSD	13.098	.00860	.02833	174.41	.58595	.25546	.01936
#1	-.01494	34.112	13.277	.00246	.24758	28.400	11.540
#2	-.01799	34.108	13.282	-.00026	.24964	28.297	11.537

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00200	8.3341	9.3004	4.8949	-.02281	.03799	.31464
SDev	.00007	.0534	.0223	.0030	.00344	.00092	.00029
%RSD	3.5822	.64115	.23989	.06145	15.062	2.4243	.09316
#1	-.00205	8.2963	9.3161	4.8970	-.02524	.03864	.31485
#2	-.00195	8.3718	9.2846	4.8927	-.02038	.03734	.31444

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52178	.63831	.14673	.21474	-.01423	-.01758
SDev	.00025	.00029	.00106	.00041	.00254	.00196
%RSD	.04736	.04485	.72322	.19217	17.879	11.163
#1	.52196	.63811	.14748	.21503	-.01243	-.01620
#2	.52161	.63851	.14598	.21444	-.01603	-.01897

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33331	--	--	--	--	--	--
SDev	21.21320	--	--	--	--	--	--
%RSD	.0636441	--	--	--	--	--	--
#1	33346	--	--	--	--	--	--
#2	33316	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-6-a Operator: SRP
Run Time: 01/21/12 08:28:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	209.70	.00438	.15452	2.2301	.01113	11.405	.01256
SDev	.08	.00375	.00199	.0017	.00001	.004	.00000
%RSD	.03976	85.543	1.2912	.07796	.09700	.03544	.01166
#1	209.76	.00173	.15593	2.2313	.01112	11.402	.01256
#2	209.64	.00703	.15310	2.2288	.01113	11.408	.01256

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1013.5	.23850	.13348	2.1037	197.79	.13856	.21354
SDev	.4	.00042	.00006	.0006	.07	.00006	.00061
%RSD	.03836	.17604	.04394	.03036	.03532	.04165	.28796
#1	1013.8	.23821	.13344	2.1041	197.84	.13860	.21397
#2	1013.2	.23880	.13352	2.1032	197.74	.13852	.21310

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01415	32.837	13.866	.00486	.24705	32.144	13.818
SDev	.00195	.006	.007	.00037	.00074	.054	.000
%RSD	13.774	.01957	.05117	7.7075	.30097	.16926	.00239

#1	-.01277	32.841	13.871	.00459	.24652	32.182	13.818

#2	-.01553	32.832	13.861	.00512	.24757	32.106	13.818
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00209	13.382	14.550	4.9234	-.02340	.05454	.35979
SDev	.00005	.004	.004	.0007	.00045	.00252	.00020
%RSD	2.2156	.03004	.02557	.01500	1.9259	4.6256	.05457
#1	-.00205	13.385	14.553	4.9240	-.02308	.05632	.35992
#2	-.00212	13.379	14.548	4.9229	-.02372	.05275	.35965

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50625	2.1612	.16918	.23571	-.00774	-.01736
SDev	.00051	.0007	.00180	.00002	.00016	.00284
%RSD	.10009	.03056	1.0629	.00985	2.0351	16.392
#1	.50589	2.1617	.17046	.23573	-.00763	-.01534
#2	.50661	2.1607	.16791	.23570	-.00785	-.01937

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32365	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.1573048	--	--	--	--	--	--
#1	32329	--	--	--	--	--	--
#2	32401	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-7-a Operator: SRP
Run Time: 01/21/12 08:32:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	218.04	.00578	.15689	1.7048	.01050	.25561	.01280
SDev	.50	.00019	.00199	.0035	.00002	.00632	.00004
%RSD	.23071	3.3283	1.2670	.20426	.15939	2.4736	.30093
#1	217.68	.00592	.15549	1.7024	.01051	.26008	.01277
#2	218.40	.00565	.15830	1.7073	.01049	.25114	.01283

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1458.4	.19813	.10249	1.0124	177.15	.14344	.17027
SDev	2.4	.00032	.00053	.0024	.05	.00049	.00259
%RSD	.16297	.16321	.51815	.23644	.02582	.33795	1.5202
#1	1460.1	.19836	.10287	1.0107	177.19	.14309	.16844
#2	1456.7	.19790	.10211	1.0141	177.12	.14378	.17210

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01697	33.960	11.185	.00449	.23275	31.677	12.262
SDev	.00356	.027	.004	.00040	.00047	.166	.015
%RSD	21.002	.07831	.03378	8.8808	.20071	.52246	.12074

#1	-.01445	33.979	11.187	.00421	.23242	31.560	12.251
#2	-.01949	33.941	11.182	.00477	.23308	31.794	12.272

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00189	8.8558	9.9848	4.7095	-.01876	.03378	.25763
SDev	.00016	.0209	.0372	.0092	.00498	.00190	.00006
%RSD	8.2507	.23601	.37238	.19596	26.567	5.6230	.02429

#1	-.00200	8.8705	9.9585	4.7030	-.01523	.03243	.25768
#2	-.00178	8.8410	10.011	4.7160	-.02228	.03512	.25759

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47914	1.0837	.12599	.19241	-.00606	-.02243
SDev	.00033	.0004	.00083	.00347	.00540	.00265
%RSD	.06838	.04110	.65951	1.8019	89.072	11.809

#1	.47937	1.0840	.12540	.18996	-.00224	-.02056
#2	.47890	1.0834	.12657	.19486	-.00987	-.02430

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31052	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0250493	--	--	--	--	--	--

#1	31057	--	--	--	--	--	--
#2	31046	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-8-a Operator: SRP
Run Time: 01/21/12 08:36:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.84	.01045	.12571	1.3380	.00880	.35216	.01325
SDev	.12	.00032	.00304	.0009	.00003	.00007	.00000
%RSD	.07369	3.1109	2.4221	.06728	.38496	.02059	.00870

#1	168.93	.01022	.12786	1.3386	.00877	.35222	.01325
#2	168.75	.01068	.12356	1.3373	.00882	.35211	.01325

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1459.4	.17203	.09569	.83843	190.40	.10901	.15436
SDev	2.0	.00002	.00051	.00160	.23	.00012	.00015
%RSD	.13506	.00897	.53299	.19074	.12257	.11358	.09584

#1	1458.0	.17202	.09605	.83956	190.24	.10910	.15447
#2	1460.8	.17204	.09532	.83730	190.57	.10893	.15426

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01610	29.657	9.0083	.00761	.21228	26.139	13.163
SDev	.00331	.023	.0102	.00057	.00095	.048	.007
%RSD	20.559	.07911	.11378	7.5461	.44914	.18543	.05393
#1	-.01844	29.640	9.0010	.00802	.21160	26.173	13.158
#2	-.01376	29.673	9.0155	.00721	.21295	26.104	13.168

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	7.2557	8.0445	5.0016	-.01411	.03653	.27751
SDev	.00029	.0376	.0082	.0017	.00587	.00188	.00006
%RSD	15.385	.51771	.10175	.03323	41.564	5.1592	.02187
#1	-.00168	7.2823	8.0503	5.0028	-.00997	.03787	.27755
#2	-.00209	7.2292	8.0387	5.0004	-.01826	.03520	.27747

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40235	1.7122	.12007	.17151	-.00286	-.02272
SDev	.00034	.0024	.00066	.00011	.00211	.00391
%RSD	.08530	.13861	.54909	.06281	73.798	17.212
#1	.40211	1.7105	.12053	.17143	-.00435	-.02549
#2	.40259	1.7139	.11960	.17159	-.00137	-.01996

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30339	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2004390	--	--	--	--	--	--
#1	30296	--	--	--	--	--	--
#2	30382	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 08:40:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5015	.50012	.50083	.49486	.51131	.50765	.50420
SDev	.0128	.00009	.00169	.00132	.00028	.00104	.00032
%RSD	.51130	.01721	.33786	.26647	.05472	.20424	.06345
#1	2.5106	.50018	.49963	.49580	.51151	.50839	.50442
#2	2.4925	.50006	.50202	.49393	.51111	.50692	.50397

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.746	.50181	.50365	.50299	2.5435	.46003	.50129
SDev	.045	.00092	.00001	.00066	.0109	.00211	.00072
%RSD	.35680	.18369	.00249	.13198	.42954	.45821	.14266
#1	12.778	.50246	.50366	.50346	2.5358	.46152	.50078
#2	12.714	.50116	.50364	.50252	2.5512	.45854	.50179

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50672	5.0358	.49457	.50729	.50338	11.993	.96382
SDev	.00059	.0091	.00071	.00281	.00162	.060	.00952
%RSD	.11719	.18067	.14445	.55430	.32192	.50279	.98761
#1	.50630	5.0423	.49508	.50531	.50224	12.035	.97055
#2	.50714	5.0294	.49407	.50928	.50453	11.950	.95708

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24786	12.524	11.839	.24488	.50386	.51047	.50874
SDev	.00020	.021	.069	.00048	.00029	.00350	.00080
%RSD	.08270	.16529	.58208	.19693	.05737	.68514	.15696
#1	.24772	12.509	11.887	.24522	.50366	.51294	.50930
#2	.24801	12.538	11.790	.24454	.50407	.50800	.50817

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50594	.50770	.49888	.50249	.50679	.50674
SDev	.00042	.00113	.00301	.00043	.00109	.00144
%RSD	.08402	.22317	.60365	.08617	.21508	.28333
#1	.50624	.50850	.49675	.50279	.50757	.50573
#2	.50564	.50689	.50101	.50218	.50602	.50776

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29544	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.1938623	--	--	--	--	--	--
#1	29585	--	--	--	--	--	--
#2	29504	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 08:44:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02707	.00246	-.00042	.00034	.00024	.01051	.00038
SDev	.00462	.00041	.00042	.00020	.00013	.00040	.00002

%RSD	17.080	16.795	98.303	57.456	54.828	3.8155	6.0311
#1	.02380	.00217	-.00072	.00020	.00015	.01080	.00036
#2	.03034	.00275	-.00013	.00048	.00034	.01023	.00039

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03563	.00048	.00035	.00032	.00733	-.00000	.00002
SDev	.01282	.00065	.00007	.00023	.00545	.00010	.00026
%RSD	35.986	135.52	20.880	71.931	74.282	3788.7	1458.2

#1	.02657	.00002	.00030	.00016	.00348	-.00007	-.00017
#2	.04470	.00094	.00040	.00048	.01118	.00007	.00020

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	.01400	.00038	.00197	-.00014	-.02384	.00298
SDev	.00162	.00095	.00017	.00063	.00004	.00231	.00070
%RSD	129.26	6.8039	44.838	31.809	28.038	9.6977	23.607

#1	.00011	.01332	.00026	.00241	-.00011	-.02220	.00248
#2	.00240	.01467	.00050	.00153	-.00017	-.02547	.00348

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	-.01967	-.00378	.00022	.00143	.00053	.00036
SDev	.00006	.00026	.00285	.00010	.00242	.00081	.00023
%RSD	24.007	1.3251	75.357	45.504	168.95	153.13	63.390

#1	.00027	-.01985	-.00580	.00015	-.00028	.00110	.00020
#2	.00019	-.01948	-.00177	.00030	.00314	-.00004	.00052

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	-.00360	.00163	-.00079	.00460	-.00042
SDev	.00007	.00017	.00024	.00051	.00463	.00012
%RSD	15.403	4.7921	14.919	65.094	100.56	29.319

#1	.00042	-.00372	.00180	-.00115	.00133	-.00050
#2	.00052	-.00348	.00146	-.00043	.00788	-.00033

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29622	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0859356	--	--	--	--	--	--

#1	29604	--	--	--	--	--	--
#2	29640	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-9-a Operator: SRP
Run Time: 01/21/12 08:48:04
Comment: TRACE 61E

Analysis Report 01/21/12 08:51:52 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	253.18	-.00078	.12746	2.1344	.01195	1.2480	.01420
SDev	.54	.00227	.00249	.0044	.00001	.0029	.00004
%RSD	.21134	288.92	1.9563	.20654	.10858	.22918	.29749

#1	253.56	.00082	.12922	2.1376	.01195	1.2501	.01417
#2	252.81	-.00239	.12569	2.1313	.01194	1.2460	.01423

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1290.7	1.1274	.10833	.37281	210.50	.14258	.17402
SDev	1.2	.0010	.00016	.00065	.29	.00033	.00015
%RSD	.09415	.09244	.14868	.17524	.13965	.22924	.08506
#1	1291.6	1.1281	.10844	.37328	210.71	.14281	.17413
#2	1289.9	1.1266	.10822	.37235	210.29	.14235	.17392

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01901	45.977	16.417	.00818	.22468	31.542	11.176
SDev	.00153	.076	.023	.00065	.00151	.043	.004
%RSD	8.0299	.16451	.13859	7.9958	.67087	.13491	.03725
#1	-.02009	46.030	16.433	.00864	.22574	31.573	11.179
#2	-.01793	45.923	16.401	.00771	.22361	31.512	11.173

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00184	3.5412	4.0031	3.1084	-.02057	.03510	.26419
SDev	.00006	.0086	.0034	.0047	.00205	.00001	.00033
%RSD	3.1325	.24421	.08598	.15227	9.9554	.01382	.12386
#1	-.00188	3.5351	4.0055	3.1118	-.01912	.03510	.26443
#2	-.00180	3.5474	4.0007	3.1051	-.02202	.03510	.26396

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55687	.85870	.12395	.19906	-.01002	-.02351
SDev	.00044	.00071	.00144	.00050	.00230	.00344
%RSD	.07857	.08248	1.1596	.24948	22.958	14.638
#1	.55718	.85920	.12497	.19871	-.00840	-.02594
#2	.55656	.85820	.12294	.19941	-.01165	-.02107

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33476	--	--	--	--	--	--
SDev	130.8148	--	--	--	--	--	--
%RSD	.3907776	--	--	--	--	--	--
#1	33383	--	--	--	--	--	--
#2	33568	--	--	--	--	--	--

Analysis Report 01/21/12 08:51:52 AM page 15

Method: 20076010 Sample Name: 600-48986-b-10-a Operator: SRP
Run Time: 01/21/12 08:51:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	252.03	.00196	.10998	1.8341	.01127	1.4307	.01046
SDev	.40	.00110	.00215	.0026	.00001	.0006	.00008
%RSD	.15952	55.773	1.9574	.14299	.12107	.04177	.79370
#1	251.75	.00119	.11150	1.8322	.01126	1.4303	.01040
#2	252.31	.00274	.10846	1.8359	.01127	1.4311	.01051

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1394.8	.21815	.09059	.26359	169.83	.14163	.15545
SDev	.8	.00055	.00005	.00044	.31	.00019	.00100
%RSD	.05708	.25230	.04958	.16607	.18376	.13277	.64617
#1	1394.2	.21776	.09056	.26328	169.61	.14149	.15474
#2	1395.4	.21853	.09062	.26390	170.05	.14176	.15616

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01649	37.574	9.4356	.00388	.20730	32.495	12.173
SDev	.00033	.060	.0163	.00064	.00023	.040	.027
%RSD	1.9777	.15892	.17305	16.575	.11075	.12193	.22001
#1	-.01672	37.532	9.4240	.00434	.20746	32.466	12.155
#2	-.01626	37.616	9.4471	.00343	.20714	32.523	12.192

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00196	5.8333	6.5725	4.9129	-.01252	.03520	.29542
SDev	.00044	.0022	.0074	.0074	.00493	.00034	.00049
%RSD	22.269	.03726	.11275	.14990	39.411	.98110	.16643
#1	-.00165	5.8348	6.5672	4.9077	-.01600	.03544	.29508
#2	-.00226	5.8318	6.5777	4.9182	-.00903	.03495	.29577

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48037	.66141	.10590	.18023	-.00761	-.02093
SDev	.00147	.00083	.00098	.00102	.00450	.00274
%RSD	.30575	.12567	.92458	.56437	59.126	13.086
#1	.47933	.66082	.10521	.17951	-.00443	-.02287
#2	.48141	.66199	.10659	.18095	-.01079	-.01900

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31436	--	--	--	--	--	--

SDev	44.54773	--	--	--	--	--	--
%RSD	.1417115	--	--	--	--	--	--
#1	31404	--	--	--	--	--	--
#2	31467	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-11-a Operator: SRP
Run Time: 01/21/12 08:55:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	219.58	.00132	.12209	1.7560	.01066	1.5327	.01113
SDev	.20	.00352	.00055	.0054	.00001	.0010	.00016
%RSD	.09095	266.82	.45233	.30616	.09920	.06394	1.4414

#1	219.72	-.00117	.12170	1.7598	.01065	1.5320	.01102
#2	219.43	.00380	.12248	1.7522	.01067	1.5333	.01125

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1332.1	.20517	.09378	.55665	158.64	.12950	.16680
SDev	2.4	.00017	.00028	.00100	.03	.00037	.00019
%RSD	.17824	.08225	.29712	.18002	.02053	.28248	.11234
#1	1330.4	.20506	.09358	.55736	158.62	.12976	.16667
#2	1333.8	.20529	.09397	.55594	158.66	.12924	.16693

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01707	35.086	10.061	.00453	.20378	29.741	13.716
SDev	.00110	.022	.005	.00015	.00025	.100	.005
%RSD	6.4633	.06186	.04643	3.3563	.12358	.33523	.03337
#1	-.01629	35.071	10.058	.00464	.20396	29.812	13.719
#2	-.01785	35.102	10.065	.00442	.20360	29.671	13.712

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00171	3.8853	4.4172	4.9869	-.01456	.03483	.26766
SDev	.00011	.0006	.0118	.0117	.00196	.00049	.00051
%RSD	6.1439	.01586	.26769	.23495	13.452	1.3952	.18856
#1	-.00178	3.8857	4.4256	4.9951	-.01318	.03518	.26802
#2	-.00164	3.8849	4.4088	4.9786	-.01595	.03449	.26730

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45010	1.0297	.12209	.18915	-.00954	-.02084
SDev	.00024	.0011	.00007	.00032	.00105	.00218
%RSD	.05437	.10688	.05980	.16789	10.992	10.459
#1	.44992	1.0289	.12214	.18893	-.01028	-.01930
#2	.45027	1.0304	.12204	.18938	-.00880	-.02238

Analysis Report 01/21/12 08:59:34 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32034	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	.1721744	--	--	--	--	--	--
#1	31995	--	--	--	--	--	--
#2	32073	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-12-a Operator: SRP
Run Time: 01/21/12 08:59:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	247.26	.00285	.12308	1.9321	.01130	.37645	.01266
SDev	.07	.00178	.00316	.0010	.00002	.00111	.00014
%RSD	.02887	62.330	2.5669	.05431	.13961	.29586	1.1138
#1	247.21	.00411	.12531	1.9313	.01131	.37723	.01276
#2	247.31	.00160	.12084	1.9328	.01129	.37566	.01256

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1283.0	.22994	.24318	.76996	188.28	.16156	.17471
SDev	1.1	.00034	.00028	.00054	.07	.00012	.00030
%RSD	.08741	.14982	.11302	.07061	.03779	.07480	.17203
#1	1283.8	.23019	.24299	.76957	188.33	.16148	.17492
#2	1282.2	.22970	.24338	.77034	188.23	.16165	.17450

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01745	37.941	11.588	.00430	.28325	32.779	13.129
SDev	.00126	.010	.002	.00017	.00091	.021	.010
%RSD	7.2186	.02614	.02096	3.9224	.32230	.06507	.07778
#1	-.01656	37.934	11.589	.00418	.28260	32.794	13.122
#2	-.01835	37.948	11.586	.00442	.28389	32.764	13.137

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	2.7468	3.1399	3.8117	-.02022	.03889	.28007
SDev	.00010	.0766	.0018	.0014	.00199	.00133	.00010
%RSD	5.0092	2.7876	.05854	.03560	9.8314	3.4096	.03731
#1	-.00195	2.8010	3.1386	3.8107	-.01882	.03983	.28000
#2	-.00210	2.6927	3.1412	3.8126	-.02163	.03796	.28015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52982	1.3465	.12308	.20053	-.01159	-.02039
SDev	.00030	.0011	.00126	.00108	.00225	.00076
%RSD	.05681	.08098	1.0266	.53990	19.432	3.7478

#1	.52961	1.3457	.12219	.20129	-.01000	-.01985
#2	.53003	1.3473	.12398	.19976	-.01318	-.02093

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31817	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0266690	--	--	--	--	--	--
#1	31811	--	--	--	--	--	--
#2	31823	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-13-a Operator: SRP
Run Time: 01/21/12 09:03:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	315.28	.00167	.12594	3.4680	.01551	.04680	.01115
SDev	.10	.00181	.00053	.0016	.00001	.00036	.00007
%RSD	.03207	108.12	.42430	.04481	.08717	.76638	.66540
#1	315.21	.00295	.12632	3.4669	.01550	.04705	.01120
#2	315.35	.00039	.12556	3.4691	.01552	.04654	.01110

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	798.45	.27524	.17004	.19447	224.56	.17188	.21924
SDev	.66	.00021	.00011	.00014	.04	.00013	.00042
%RSD	.08279	.07709	.06150	.07323	.01830	.07543	.19337
#1	798.91	.27509	.17011	.19436	224.59	.17178	.21954
#2	797.98	.27539	.16997	.19457	224.53	.17197	.21894

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02118	39.259	20.346	-.00024	.33994	30.148	10.757
SDev	.00025	.003	.002	.00018	.00030	.016	.006
%RSD	1.1630	.00853	.00958	74.343	.08932	.05280	.05279
#1	-.02101	39.261	20.347	-.00036	.33973	30.137	10.753
#2	-.02136	39.256	20.344	-.00011	.34016	30.159	10.761

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	2.0019	2.3093	2.0894	-.02393	.03216	.24185
SDev	.00003	.0446	.0019	.0009	.00067	.00334	.00031
%RSD	1.1175	2.2303	.08254	.04397	2.7981	10.371	.12866
#1	-.00233	2.0335	2.3107	2.0887	-.02440	.03452	.24163
#2	-.00237	1.9703	2.3080	2.0900	-.02346	.02980	.24207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66492	.64085	.15728	.25022	-.01837	-.02259
SDev	.00032	.00020	.00307	.00090	.00346	.00136
%RSD	.04774	.03092	1.9499	.35869	18.839	6.0223
#1	.66514	.64099	.15945	.24958	-.01592	-.02355
#2	.66469	.64071	.15512	.25085	-.02081	-.02163

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34676	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1039968	--	--	--	--	--	--
#1	34702	--	--	--	--	--	--
#2	34651	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-14-a Operator: SRP
Run Time: 01/21/12 09:07:21
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	266.11	.00150	.14590	2.3161	.01217	.06681	.01181
SDev	.44	.00302	.00169	.0011	.00001	.00077	.00009
%RSD	.16458	201.59	1.1609	.04616	.07561	1.1575	.74888
#1	265.80	.00364	.14710	2.3154	.01217	.06736	.01187
#2	266.42	-.00064	.14471	2.3169	.01216	.06626	.01175

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1253.2	.61372	.12780	.20015	205.56	.14977	.18451
SDev	1.5	.00055	.00019	.00102	.05	.00034	.00041
%RSD	.12284	.08879	.14973	.51072	.02501	.22370	.22056
#1	1254.3	.61410	.12793	.19943	205.59	.14953	.18423
#2	1252.1	.61333	.12766	.20087	205.52	.15000	.18480

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01810	39.586	13.519	.00872	.24439	31.033	10.791
SDev	.00047	.006	.004	.00068	.00033	.066	.013
%RSD	2.6089	.01397	.03211	7.8557	.13582	.21192	.11771
#1	-.01843	39.590	13.523	.00920	.24415	30.986	10.782
#2	-.01777	39.582	13.516	.00823	.24462	31.079	10.800

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00224	2.1864	2.5408	3.4061	-.01926	.03263	.26311
SDev	.00049	.0199	.0030	.0022	.00062	.00010	.00015
%RSD	21.990	.91232	.11781	.06354	3.2156	.30589	.05789

#1	-.00189	2.2005	2.5387	3.4046	-.01969	.03256	.26300
#2	-.00259	2.1723	2.5429	3.4077	-.01882	.03270	.26322

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64627	.60172	.13079	.21138	-.00866	-.02282
SDev	.00003	.00005	.00052	.00087	.00544	.00343
%RSD	.00434	.00826	.39530	.41109	62.743	15.018
#1	.64629	.60168	.13115	.21076	-.00482	-.02524
#2	.64625	.60176	.13042	.21199	-.01251	-.02039

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32877	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0473168	--	--	--	--	--	--
#1	32866	--	--	--	--	--	--
#2	32888	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-15-a Operator: SRP

Run Time: 01/21/12 09:11:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	267.74	-.00123	.14389	2.1464	.01186	.68954	.01111
SDev	.19	.00052	.00104	.0029	.00002	.00125	.00004
%RSD	.07158	42.021	.72615	.13632	.14196	.18157	.32983
#1	267.87	-.00159	.14315	2.1485	.01187	.69043	.01108
#2	267.60	-.00086	.14463	2.1444	.01185	.68866	.01113

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1237.6	.23115	.11360	.20779	181.43	.15433	.17842
SDev	.8	.00035	.00012	.00036	.08	.00024	.00004
%RSD	.06061	.15075	.10875	.17407	.04321	.15585	.02132
#1	1238.1	.23090	.11369	.20805	181.48	.15450	.17845
#2	1237.1	.23139	.11351	.20753	181.37	.15416	.17839

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01668	37.265	12.578	.00166	.24554	32.977	12.536
SDev	.00110	.018	.005	.00045	.00043	.038	.007
%RSD	6.5878	.04960	.04233	26.849	.17616	.11520	.05304
#1	-.01746	37.278	12.582	.00135	.24584	33.004	12.541
#2	-.01591	37.252	12.574	.00198	.24523	32.951	12.532

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00194	2.5040	2.9128	3.1059	-.01641	.03137	.30861
SDev	.00034	.0297	.0038	.0028	.00348	.00113	.00038
%RSD	17.574	1.1870	.13156	.09077	21.228	3.5903	.12165
#1	-.00170	2.5250	2.9155	3.1079	-.01394	.03057	.30888
#2	-.00218	2.4830	2.9101	3.1039	-.01887	.03217	.30834

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56613	.58623	.12620	.20453	-.01282	-.01862
SDev	.00066	.00021	.00192	.00090	.00276	.00027
%RSD	.11674	.03618	1.5192	.44080	21.492	1.4561
#1	.56660	.58608	.12756	.20389	-.01477	-.01881
#2	.56567	.58638	.12485	.20517	-.01087	-.01842

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32478	--	--	--	--	--	--
SDev	112.4300	--	--	--	--	--	--
%RSD	.3461781	--	--	--	--	--	--
#1	32398	--	--	--	--	--	--
#2	32557	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-16-a Operator: SRP
Run Time: 01/21/12 09:15:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	277.50	.00324	.11398	2.0340	.01309	.54150	.01110
SDev	.22	.00098	.00300	.0023	.00002	.00037	.00016
%RSD	.07786	30.378	2.6347	.11313	.11568	.06884	1.4239
#1	277.65	.00394	.11610	2.0356	.01310	.54124	.01099
#2	277.35	.00255	.11186	2.0324	.01308	.54176	.01121

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1187.9	.25439	.11207	.42129	188.67	.15533	.19307
SDev	3.2	.00038	.00082	.00047	.38	.00004	.00162
%RSD	.27017	.15002	.73447	.11183	.19890	.02819	.83985
#1	1190.1	.25466	.11265	.42163	188.93	.15536	.19193
#2	1185.6	.25412	.11148	.42096	188.40	.15530	.19422

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01436	39.670	8.7555	.00194	.24838	34.374	11.787
SDev	.00203	.064	.0159	.00028	.00011	.001	.015
%RSD	14.166	.16081	.18130	14.383	.04218	.00430	.12584
#1	-.01293	39.715	8.7668	.00174	.24845	34.373	11.797

#2	-.01580	39.625	8.7443	.00213	.24830	34.375	11.776

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00193	5.1264	5.6489	3.0842	-.01826	.03957	.30055
SDev	.00034	.0867	.0016	.0034	.00672	.00157	.00016
%RSD	17.689	1.6911	.02873	.11090	36.800	3.9676	.05489
#1	-.00169	5.1877	5.6501	3.0866	-.01351	.04068	.30066
#2	-.00217	5.0651	5.6478	3.0818	-.02302	.03846	.30043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57511	.81845	.13839	.22041	-.00506	-.01902
SDev	.00103	.00219	.00167	.00160	.00504	.00053
%RSD	.17848	.26758	1.2061	.72487	99.610	2.7908
#1	.57584	.82000	.13721	.21928	-.00150	-.01864
#2	.57439	.81690	.13957	.22154	-.00863	-.01939

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32720	--	--	--	--	--	--
SDev	86.97414	--	--	--	--	--	--
%RSD	.2658093	--	--	--	--	--	--

#1	32659	--	--	--	--	--	--
#2	32782	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-16-b du Operator: SRP
Run Time: 01/21/12 09:18:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	273.63	-.00075	.09411	2.6177	.01375	.92414	.01054
SDev	.25	.00003	.00266	.0005	.00006	.00136	.00006
%RSD	.09098	4.5506	2.8224	.01740	.40543	.14752	.52771
#1	273.81	-.00078	.09223	2.6174	.01379	.92511	.01058
#2	273.46	-.00073	.09599	2.6180	.01371	.92318	.01050

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	918.07	.22631	.10999	.29980	185.58	.14069	.19213
SDev	3.83	.00051	.00075	.00020	.49	.00018	.00004
%RSD	.41671	.22544	.68585	.06641	.26419	.12667	.01973
#1	920.77	.22667	.11052	.29994	185.93	.14056	.19210
#2	915.36	.22595	.10946	.29966	185.23	.14081	.19215

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01411	35.293	10.216	.00025	.21953	29.697	11.192

SDev	.00235	.107	.026	.00029	.00081	.042	.017
%RSD	16.653	.30402	.25819	115.67	.36740	.14020	.15338
#1	-.01245	35.369	10.234	.00045	.22010	29.667	11.204
#2	-.01577	35.217	10.197	.00005	.21896	29.726	11.180

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00223	5.6851	6.2566	2.4459	-.01713	.03038	.20723
SDev	.00001	.1191	.0099	.0001	.00098	.00010	.00040
%RSD	.26006	2.0948	.15784	.00358	5.6974	.31893	.19193
#1	-.00224	5.7694	6.2496	2.4458	-.01782	.03044	.20751
#2	-.00223	5.6009	6.2636	2.4460	-.01644	.03031	.20694

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51892	.63222	.13621	.22009	-.00382	-.01926
SDev	.00122	.00147	.00020	.00004	.00031	.00337
%RSD	.23543	.23337	.14562	.01922	8.2318	17.490
#1	.51978	.63326	.13607	.22012	-.00360	-.01687
#2	.51805	.63118	.13635	.22006	-.00405	-.02164

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34852	--	--	--	--	--	--

SDev	72.83200	--	--	--	--	--	--
%RSD	.2089781	--	--	--	--	--	--
#1	34800	--	--	--	--	--	--
#2	34903	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-16-c ms Operator: SRP
Run Time: 01/21/12 09:22:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	305.52	.30005	.96364	2.8416	.39934	2.1577	.37895
SDev	.16	.00106	.00194	.0004	.00021	.0004	.00041
%RSD	.05156	.35377	.20174	.01583	.05172	.01995	.10800
#1	305.63	.29930	.96502	2.8419	.39948	2.1581	.37924
#2	305.41	.30080	.96227	2.8413	.39919	2.1574	.37866

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1390.7	1.0177	.85244	1.2605	203.16	.71089	.93033
SDev	1.9	.0012	.00076	.0003	.13	.00036	.00131
%RSD	.13480	.11737	.08909	.02223	.06397	.05044	.14057
#1	1392.1	1.0185	.85298	1.2607	203.25	.71115	.92941

#2	1389.4	1.0169	.85190	1.2603	203.07	.71064	.93126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78383	51.528	13.263	.69099	.97300	50.642	12.931
SDev	.00515	.040	.010	.00118	.00224	.021	.001
%RSD	.65639	.07687	.07244	.17071	.23019	.04200	.00426
#1	.78019	51.556	13.270	.69016	.97458	50.657	12.931
#2	.78747	51.500	13.257	.69183	.97141	50.627	12.932

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45272	17.416	19.505	4.9206	.76504	.79832	.61890
SDev	.00007	.096	.002	.0015	.00562	.00305	.00020
%RSD	.01509	.55137	.00825	.03060	.73454	.38237	.03206
#1	.45277	17.484	19.506	4.9217	.76107	.80048	.61904
#2	.45267	17.348	19.504	4.9196	.76902	.79616	.61876

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3457	1.6783	.85909	.96595	.77907	.78621
SDev	.0009	.0023	.00016	.00188	.00917	.00313
%RSD	.06530	.13529	.01863	.19480	1.1776	.39814
#1	1.3463	1.6799	.85898	.96462	.77258	.78400
#2	1.3451	1.6767	.85921	.96728	.78556	.78842

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31354	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.0608923	--	--	--	--	--	--
#1	31340	--	--	--	--	--	--
#2	31367	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 09:26:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5097	.49670	.50221	.49173	.50621	.50056	.50330
SDev	.0283	.00057	.00400	.00112	.00062	.00098	.00058
%RSD	1.1266	.11445	.79685	.22841	.12173	.19611	.11561
#1	2.5297	.49711	.50504	.49252	.50664	.50125	.50371
#2	2.4897	.49630	.49938	.49093	.50577	.49987	.50289

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.840	.49739	.49825	.49720	2.5682	.45922	.49944
SDev	.128	.00094	.00152	.00137	.0132	.00074	.00038
%RSD	.99987	.18935	.30526	.27480	.51221	.16123	.07507
#1	12.931	.49806	.49932	.49817	2.5775	.45974	.49971
#2	12.749	.49673	.49717	.49623	2.5589	.45869	.49918

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50396	4.9996	.49121	.50881	.50297	11.957	.96361
SDev	.00154	.0072	.00148	.00039	.00021	.015	.01596
%RSD	.30634	.14442	.30116	.07685	.04252	.12764	1.6563
#1	.50286	5.0047	.49225	.50853	.50312	11.967	.97490
#2	.50505	4.9945	.49016	.50908	.50282	11.946	.95233

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24679	12.512	11.810	.24431	.50667	.50900	.50606
SDev	.00029	.024	.028	.00054	.00099	.00181	.00072
%RSD	.11569	.19529	.23441	.22048	.19478	.35616	.14304
#1	.24699	12.495	11.829	.24469	.50597	.51028	.50657
#2	.24659	12.530	11.790	.24393	.50737	.50772	.50554

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50186	.50577	.49473	.50180	.49705	.50747
SDev	.00114	.00038	.00112	.00112	.00004	.00233
%RSD	.22714	.07476	.22684	.22390	.00721	.45983
#1	.50266	.50604	.49394	.50259	.49708	.50582
#2	.50105	.50551	.49552	.50101	.49703	.50912

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29655	--	--	--	--	--	--
SDev	21.21320	--	--	--	--	--	--
%RSD	.0715333	--	--	--	--	--	--
#1	29640	--	--	--	--	--	--
#2	29670	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 09:30:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02612	.00279	.00097	.00050	.00034	.00637	.00041
SDev	.00042	.00059	.00218	.00007	.00010	.00058	.00000
%RSD	1.6010	21.318	223.67	15.108	28.367	9.0484	.05598

#1	.02641	.00321	-.00057	.00055	.00040	.00678	.00041
#2	.02582	.00237	.00252	.00044	.00027	.00596	.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05040	.00053	.00059	.00029	.00936	.00006	.00096
SDev	.00845	.00012	.00017	.00017	.01697	.00001	.00025
%RSD	16.758	22.534	29.254	59.704	181.24	10.634	26.413
#1	.05637	.00062	.00047	.00042	-.00264	.00006	.00078
#2	.04443	.00045	.00072	.00017	.02136	.00005	.00114

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.01690	.00058	.00202	-.00021	-.01269	.00191
SDev	.00063	.00557	.00011	.00149	.00094	.02867	.00085
%RSD	47.427	32.953	19.477	73.630	441.41	226.01	44.630
#1	.00178	.01296	.00066	.00308	-.00088	-.03296	.00131
#2	.00088	.02083	.00050	.00097	.00045	.00759	.00252

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.04701	-.00198	.00028	-.00012	-.00028	.00060
SDev	.00027	.16652	.00043	.00006	.00066	.00124	.00019
%RSD	98.060	354.24	21.525	20.012	541.70	441.10	32.408
#1	.00008	-.07074	-.00228	.00032	.00034	-.00116	.00073
#2	.00046	.16475	-.00168	.00024	-.00058	.00059	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	-.00367	.00148	.00070	.00265	.00067
SDev	.00016	.00015	.00214	.00069	.00319	.00065
%RSD	31.335	3.9759	145.33	98.071	120.19	97.022

#1	.00063	-.00357	-.00004	.00119	.00491	.00021
#2	.00040	-.00377	.00299	.00022	.00040	.00113

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30082	--	--	--	--	--	--
SDev	379.7163	--	--	--	--	--	--
%RSD	1.262250	--	--	--	--	--	--
#1	30351	--	--	--	--	--	--
#2	29814	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-16-d msd Operator: SRP
Run Time: 01/21/12 09:34:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	348.79	.28700	.89700	3.1120	.38406	1.3120	.36093
SDev	.01	.00028	.00633	.0021	.00027	.0013	.00043
%RSD	.00319	.09717	.70618	.06625	.07004	.09733	.11834
#1	348.79	.28720	.89252	3.1135	.38387	1.3111	.36062
#2	348.80	.28681	.90148	3.1106	.38425	1.3129	.36123

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	986.46	1.0248	.85841	1.2697	234.85	.67513	.92072
SDev	1.45	.0021	.00083	.0005	.25	.00080	.00083
%RSD	.14739	.20123	.09623	.04320	.10547	.11793	.09010
#1	985.43	1.0234	.85782	1.2701	234.68	.67570	.92013
#2	987.49	1.0263	.85899	1.2693	235.03	.67457	.92130

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71162	51.033	11.346	.61812	.98649	48.170	10.914
SDev	.00035	.068	.008	.00003	.00128	.106	.016
%RSD	.04908	.13292	.07455	.00497	.13030	.22100	.14940
#1	.71137	50.985	11.340	.61809	.98740	48.245	10.902
#2	.71186	51.081	11.352	.61814	.98558	48.094	10.925

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41180	15.519	16.987	3.0810	.72309	.74496	.49469
SDev	.00005	.075	.020	.0021	.00015	.00318	.00013
%RSD	.01083	.48408	.11744	.06834	.02065	.42717	.02611
#1	.41177	15.572	17.001	3.0825	.72320	.74721	.49460
#2	.41183	15.466	16.973	3.0796	.72299	.74271	.49478

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3953	1.5884	.84461	.95877	.70714	.71385

SDev	.0007	.0022	.00134	.00057	.00743	.00319
%RSD	.05257	.14094	.15841	.06000	1.0503	.44682
#1	1.3948	1.5868	.84366	.95837	.70189	.71611
#2	1.3958	1.5900	.84555	.95918	.71239	.71160

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34588	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0347538	--	--	--	--	--	--
#1	34580	--	--	--	--	--	--
#2	34597	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48986-b-17-a Operator: SRP
Run Time: 01/21/12 09:38:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	274.41	.00278	.13811	2.2324	.01286	.29847	.01085
SDev	.04	.00329	.00149	.0001	.00003	.00077	.00012
%RSD	.01638	118.49	1.0797	.00268	.22243	.25840	1.0810
#1	274.38	.00511	.13705	2.2324	.01288	.29902	.01076
#2	274.44	.00045	.13916	2.2325	.01284	.29793	.01093

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1287.0	.50509	.09961	.25304	184.33	.15419	.18732
SDev	1.7	.00077	.00015	.00024	.25	.00017	.00082
%RSD	.12878	.15186	.15093	.09564	.13657	.10832	.43972
#1	1288.2	.50563	.09950	.25321	184.51	.15408	.18790
#2	1285.8	.50455	.09972	.25287	184.15	.15431	.18673

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01583	50.893	10.186	.00667	.22608	31.462	11.007
SDev	.00050	.072	.011	.00176	.00050	.046	.005
%RSD	3.1509	.14110	.10574	26.401	.22304	.14718	.04092
#1	-.01548	50.943	10.193	.00792	.22572	31.429	11.011
#2	-.01618	50.842	10.178	.00543	.22643	31.495	11.004

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00169	3.0413	3.4890	3.1288	-.01391	.03373	.30524
SDev	.00015	.0004	.0019	.0004	.00372	.00119	.00043
%RSD	9.0264	.01404	.05408	.01189	26.713	3.5117	.13948
#1	-.00158	3.0410	3.4876	3.1291	-.01128	.03457	.30554
#2	-.00180	3.0416	3.4903	3.1286	-.01654	.03290	.30494

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53829	.63196	.12990	.21602	-.01058	-.01845
SDev	.00037	.00097	.00208	.00228	.00431	.00140
%RSD	.06911	.15305	1.6043	1.0543	40.698	7.6101
#1	.53856	.63264	.12843	.21763	-.00753	-.01945
#2	.53803	.63127	.13138	.21441	-.01362	-.01746

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31974	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0154803	--	--	--	--	--	--

#1	31978	--	--	--	--	--
#2	31971	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-2-a Operator: SRP
Run Time: 01/21/12 09:41:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	195.29	.00267	.07188	2.2145	.01293	.06427	.00564
SDev	.07	.00188	.00072	.0030	.00002	.00045	.00019
%RSD	.03791	70.474	1.0010	.13376	.13684	.70518	3.3981
#1	195.34	.00134	.07239	2.2166	.01294	.06459	.00577
#2	195.24	.00400	.07137	2.2124	.01292	.06395	.00550

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	118.35	.21016	.11943	.16339	173.84	.09936	.20911
SDev	.22	.00050	.00023	.00041	.31	.00001	.00042
%RSD	.18748	.23711	.19166	.25062	.18036	.00732	.20329
#1	118.51	.21052	.11959	.16368	174.06	.09936	.20941
#2	118.20	.20981	.11926	.16310	173.62	.09937	.20881

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00547	40.904	6.7122	.00090	.18141	48.778	9.0897
SDev	.00041	.054	.0126	.00007	.00048	.014	.0107
%RSD	7.5566	.13180	.18806	7.4142	.26318	.02869	.11802
#1	-.00576	40.942	6.7211	.00094	.18174	48.768	9.0973
#2	-.00518	40.866	6.7032	.00085	.18107	48.788	9.0822

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	1.4756	1.5909	.28790	-.01450	.02996	.29365
SDev	.00006	.0211	.0005	.00028	.00288	.00032	.00048
%RSD	2.7551	1.4270	.02978	.09628	19.842	1.0695	.16276
#1	-.00230	1.4607	1.5906	.28809	-.01246	.03018	.29398

#2	-.00239	1.4904	1.5912	.28770	-.01653	.02973	.29331

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35348	.44474	.16888	.22923	-.00565	-.00537
SDev	.00044	.00130	.00191	.00032	.00071	.00027
%RSD	.12341	.29182	1.1301	.13814	12.547	4.9319
#1	.35379	.44565	.17023	.22901	-.00616	-.00556
#2	.35317	.44382	.16753	.22945	-.00515	-.00519

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35396	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.1418389	--	--	--	--	--	--
#1	35360	--	--	--	--	--	--
#2	35431	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-5-a Operator: SRP
Run Time: 01/21/12 09:45:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.06	.00174	.04456	.36513	.01077	.10685	.00634
SDev	.19	.00096	.00139	.00068	.00003	.00029	.00003
%RSD	.11453	55.109	3.1164	.18688	.28113	.26819	.39864
#1	168.19	.00106	.04554	.36562	.01079	.10665	.00632
#2	167.92	.00242	.04358	.36465	.01074	.10706	.00636

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	873.75	.17341	.07119	.13401	208.17	.26097	.17312
SDev	1.92	.00012	.00049	.00009	.44	.00030	.00008
%RSD	.21960	.07124	.69313	.06684	.21012	.11392	.04393
#1	875.11	.17350	.07154	.13394	208.48	.26118	.17306
#2	872.39	.17332	.07085	.13407	207.86	.26076	.17317

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01103	66.465	2.0411	.00020	.18860	21.535	10.890
SDev	.00103	.095	.0037	.00005	.00048	.025	.021
%RSD	9.3437	.14334	.18264	25.832	.25615	.11735	.19472
#1	-.01030	66.532	2.0437	.00024	.18894	21.553	10.905
#2	-.01175	66.397	2.0385	.00016	.18826	21.517	10.875

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00296	29.479	30.418	1.4291	-.01301	.03235	.40530
SDev	.00027	.141	.013	.0018	.00170	.00487	.00055

%RSD	9.0208	.47916	.04197	.12800	13.050	15.052	.13618
#1	-.00278	29.578	30.427	1.4304	-.01181	.03579	.40569
#2	-.00315	29.379	30.409	1.4278	-.01421	.02891	.40491

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39302	.68373	.13736	.19099	-.00690	-.01309
SDev	.00135	.00071	.00051	.00014	.00458	.00384
%RSD	.34461	.10331	.36774	.07250	66.454	29.307
#1	.39398	.68423	.13700	.19109	-.01014	-.01038

#2	.39206	.68323	.13772	.19089	-.00366	-.01580	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29620	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.1838160	--	--	--	--	--	--
#1	29582	--	--	--	--	--	--
#2	29659	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-5-b du Operator: SRP
Run Time: 01/21/12 09:49:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	159.07	.00394	.05283	.84564	.00908	.12621	.00724
SDev	.02	.00302	.00340	.00032	.00001	.00016	.00040
%RSD	.01367	76.581	6.4254	.03839	.11484	.12986	5.5624
#1	159.05	.00607	.05523	.84587	.00909	.12609	.00753
#2	159.08	.00181	.05043	.84541	.00908	.12633	.00696

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1662.5	.14513	.06691	.08581	158.09	.22318	.15825
SDev	1.8	.00071	.00004	.00028	.17	.00015	.00052
%RSD	.10630	.48858	.06605	.32628	.10715	.06580	.33137
#1	1663.8	.14563	.06688	.08601	158.21	.22308	.15862
#2	1661.3	.14463	.06694	.08561	157.97	.22329	.15788

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01488	54.740	2.0024	.00112	.13427	25.031	11.554
SDev	.00204	.071	.0021	.00124	.00006	.063	.008
%RSD	13.720	.12974	.10724	110.99	.04486	.25307	.06784
#1	-.01632	54.791	2.0039	.00200	.13423	24.986	11.560
#2	-.01344	54.690	2.0009	.00024	.13431	25.075	11.549

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00244	19.569	21.676	1.5350	-.01141	.02964	.35866
SDev	.00029	.078	.027	.0004	.00215	.00215	.00033
%RSD	11.746	.40074	.12329	.02639	18.840	7.2483	.09099
#1	-.00224	19.625	21.657	1.5352	-.01293	.03116	.35889
#2	-.00264	19.514	21.695	1.5347	-.00989	.02812	.35843

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49314	.48432	.12478	.17498	-.00729	-.01867

SDev	.00021	.00055	.00176	.00009	.00247	.00183
%RSD	.04333	.11285	1.4078	.05242	33.825	9.7942
#1	.49330	.48471	.12602	.17492	-.00904	-.01997
#2	.49299	.48394	.12354	.17505	-.00555	-.01738

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28010	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.1085507	--	--	--	--	--	--
#1	27989	--	--	--	--	--	--
#2	28032	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-5-c ms Operator: SRP
Run Time: 01/21/12 09:53:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.40	.38443	1.0236	1.3696	.47080	.77533	.44880
SDev	.19	.00015	.0014	.0019	.00017	.00001	.00016
%RSD	.11011	.03860	.13599	.13818	.03636	.00177	.03502
#1	168.53	.38433	1.0226	1.3710	.47068	.77532	.44869
#2	168.27	.38454	1.0246	1.3683	.47092	.77534	.44891

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1004.0	1.0743	.96175	1.0880	184.74	.80121	1.0447
SDev	1.0	.0011	.00093	.0022	.01	.00186	.0009
%RSD	.09480	.10612	.09718	.20476	.00621	.23151	.08741
#1	1003.4	1.0735	.96241	1.0896	184.73	.80252	1.0441
#2	1004.7	1.0751	.96109	1.0865	184.75	.79990	1.0454

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90521	60.315	2.4959	.85595	1.0385	30.996	11.183
SDev	.00270	.015	.0003	.00606	.0005	.054	.005
%RSD	.29786	.02539	.01006	.70844	.04943	.17278	.04367
#1	.90712	60.326	2.4957	.85166	1.0389	31.034	11.186
#2	.90330	60.305	2.4961	.86024	1.0381	30.958	11.179

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50641	30.549	32.285	1.5453	.92368	.86899	.95441
SDev	.00044	.217	.067	.0016	.00144	.00165	.00002
%RSD	.08626	.70909	.20820	.10087	.15539	.18983	.00195
#1	.50672	30.702	32.333	1.5464	.92469	.86782	.95442
#2	.50610	30.395	32.238	1.5442	.92267	.87016	.95440

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5571	1.4416	.99252	1.0708	.88473	.91545
SDev	.0006	.0002	.00212	.0024	.01195	.00193
%RSD	.04031	.01487	.21353	.22686	1.3510	.21102
#1	1.5576	1.4414	.99402	1.0691	.89318	.91409
#2	1.5567	1.4417	.99102	1.0726	.87628	.91682

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27788	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.1094218	--	--	--	--	--	--
#1	27766	--	--	--	--	--	--
#2	27809	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48991-b-5-d msd Operator: SRP
Run Time: 01/21/12 09:57:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.03	.34082	1.0242	1.8364	.47097	.66279	.44688
SDev	.22	.00042	.0009	.0011	.00008	.00011	.00016
%RSD	.08897	.12265	.08483	.06098	.01792	.01578	.03516
#1	245.18	.34112	1.0236	1.8372	.47091	.66286	.44677
#2	244.87	.34053	1.0248	1.8356	.47103	.66271	.44699

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	919.17	1.1095	1.1334	1.1249	263.11	.92780	1.1075
SDev	.13	.0001	.0006	.0010	.00	.00064	.0003
%RSD	.01394	.00514	.04956	.09278	.00020	.06905	.02770
#1	919.26	1.1096	1.1330	1.1256	263.10	.92825	1.1077
#2	919.08	1.1095	1.1338	1.1242	263.11	.92735	1.1073

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86835	89.032	8.0854	.80615	1.1666	38.805	11.511
SDev	.00052	.023	.0007	.00005	.0004	.023	.003
%RSD	.06001	.02632	.00914	.00648	.03315	.06050	.02885
#1	.86798	89.049	8.0849	.80611	1.1669	38.821	11.513

#2	.86872	89.016	8.0860	.80618	1.1664	38.788	11.508

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50281	40.942	42.141	2.0981	.89924	.82010	.88884
SDev	.00009	.089	.019	.0004	.00521	.00109	.00027

Analysis Report 01/21/12 10:01:11 AM page 34

%RSD	.01733	.21841	.04401	.01741	.57913	.13309	.02994
#1	.50275	41.006	42.154	2.0983	.90293	.82087	.88902
#2	.50287	40.879	42.127	2.0978	.89556	.81932	.88865

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6606	1.7777	1.0386	1.1420	.85016	.87744
SDev	.0000	.0009	.0017	.0004	.00599	.00378
%RSD	.00251	.04856	.15937	.03217	.70476	.43050
#1	1.6607	1.7771	1.0397	1.1418	.85440	.87477
#2	1.6606	1.7784	1.0374	1.1423	.84593	.88011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28330	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1422675	--	--	--	--	--	--
#1	28302	--	--	--	--	--	--
#2	28359	--	--	--	--	--	--

Analysis Report 01/21/12 10:06:21 AM page 1

Method: 20076010 Sample Name: 600-48991-b-6-a Operator: SRP
Run Time: 01/21/12 10:02:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	171.29	.00464	.23916	9.4590	.01511	.07518	.02694
SDev	.18	.00097	.00008	.0051	.00003	.00018	.00013
%RSD	.10419	20.881	.03322	.05434	.16871	.23860	.49252
#1	171.41	.00533	.23921	9.4626	.01509	.07506	.02704
#2	171.16	.00396	.23910	9.4554	.01512	.07531	.02685

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1244.3	.18883	.25873	.18535	724.82	.17180	.20284
SDev	1.2	.00037	.00032	.00047	.33	.00036	.00144
%RSD	.09618	.19533	.12301	.25404	.04538	.20675	.70914
#1	1243.4	.18857	.25896	.18569	724.58	.17205	.20183
#2	1245.1	.18909	.25851	.18502	725.05	.17155	.20386

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.05393	34.695	38.758	.01843	.41461	27.768	10.863
SDev	.00171	.010	.019	.00037	.00016	.091	.004
%RSD	3.1768	.02914	.04825	2.0269	.03791	.32839	.03985
#1	-.05272	34.688	38.745	.01870	.41472	27.832	10.860
#2	-.05515	34.702	38.771	.01817	.41450	27.703	10.866

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00362	.75203	.94481	.49249	-.05263	.03271	.29995
SDev	.00007	.14064	.00159	.00027	.00243	.00319	.00010
%RSD	1.9672	18.701	.16876	.05501	4.6199	9.7510	.03480
#1	-.00357	.85147	.94593	.49268	-.05091	.03496	.29988
#2	-.00367	.65258	.94368	.49230	-.05435	.03045	.30002

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9019	.51002	.15968	.22443	-.04414	-.05883
SDev	.0016	.00013	.00358	.00037	.00299	.00108
%RSD	.08325	.02616	2.2398	.16460	6.7647	1.8310
#1	1.9008	.50992	.15715	.22416	-.04203	-.05807
#2	1.9030	.51011	.16221	.22469	-.04625	-.05959

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32546	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.0977672	--	--	--	--	--	--

#1	32524	--	--	--	--	--	--
#2	32569	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48986-b-16-a Operator: SRP
Run Time: 01/21/12 10:06:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	278.01	.83631	.96010	2.7853	.39393	1.3645	.38030
SDev	.08	.00404	.00441	.0022	.00008	.0010	.00030
%RSD	.02967	.48271	.45974	.07832	.02086	.07603	.07760
#1	278.07	.83346	.95698	2.7869	.39387	1.3638	.38009
#2	277.95	.83917	.96322	2.7838	.39399	1.3652	.38051

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1181.8	.99587	.83794	1.2478	193.26	1.2012	.93993
SDev	.3	.00024	.00004	.0011	.14	.0016	.00111
%RSD	.02867	.02452	.00489	.08636	.07288	.13581	.11790
#1	1181.5	.99604	.83797	1.2486	193.16	1.2023	.93915
#2	1182.0	.99570	.83791	1.2471	193.36	1.2000	.94072

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78560	46.113	9.2564	.80012	.97216	44.766	12.402
SDev	.00209	.014	.0042	.00122	.00027	.073	.004
%RSD	.26562	.03067	.04569	.15265	.02797	.16246	.03523
#1	.78412	46.103	9.2534	.79926	.97235	44.818	12.399
#2	.78707	46.123	9.2594	.80099	.97197	44.715	12.405

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43373	15.275	17.419	3.4695	.77551	.83033	1.0835
SDev	.00064	.000	.032	.0025	.00177	.00628	.0000
%RSD	.14713	.00144	.18447	.07152	.22821	.75595	.00254
#1	.43418	15.275	17.441	3.4712	.77676	.83477	1.0835
#2	.43328	15.275	17.396	3.4677	.77426	.82589	1.0836

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3390	1.5941	.86946	.97517	.77600	.79039
SDev	.0001	.0011	.00251	.00292	.00005	.00311
%RSD	.00697	.07170	.28875	.29918	.00639	.39288
#1	1.3391	1.5933	.87124	.97311	.77597	.78820
#2	1.3389	1.5949	.86769	.97723	.77604	.79259

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/21/12 10:10:12 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32831	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0559982	--	--	--	--	--	--
#1	32818	--	--	--	--	--	--
#2	32844	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48986-b-16a@5 Operator: SRP
Run Time: 01/21/12 10:10:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.056	.00347	.02621	.42147	.00267	.11469	.00160
SDev	.125	.00127	.00188	.00062	.00006	.00274	.00005
%RSD	.21887	36.645	7.1745	.14616	2.3774	2.3877	3.0537
#1	57.145	.00437	.02754	.42191	.00272	.11663	.00163
#2	56.968	.00257	.02488	.42104	.00263	.11276	.00156

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	353.37	.05492	.02418	.08200	41.215	.02700	.04279
SDev	1.87	.00071	.00011	.00043	.194	.00003	.00052
%RSD	.52780	1.2917	.44364	.52453	.47126	.12144	1.2126

#1	354.69	.05542	.02425	.08230	41.352	.02702	.04316
#2	352.05	.05441	.02410	.08169	41.077	.02698	.04243

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	8.7711	1.9501	.00277	.05487	5.4767	2.4477
SDev	.00096	.0420	.0077	.00155	.00091	.0006	.0158
%RSD	4227.4	.47896	.39558	55.945	1.6568	.01187	.64563
#1	.00065	8.8008	1.9556	.00386	.05552	5.4772	2.4589
#2	-.00070	8.7414	1.9447	.00167	.05423	5.4763	2.4365

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	.85490	.90825	.61337	.00065	.00963	.06323
SDev	.00000	.02520	.00054	.00072	.00095	.00204	.00050
%RSD	.64432	2.9481	.05930	.11769	145.84	21.195	.79277
#1	-.00048	.87272	.90863	.61388	.00132	.00819	.06359
#2	-.00048	.83708	.90786	.61286	-.00002	.01108	.06288

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12066	.17835	.03143	.04848	-.00001	-.00003
SDev	.00081	.00119	.00017	.00087	.00149	.00069
%RSD	.66691	.66604	.55562	1.7857	11347.	2520.8
#1	.12123	.17919	.03130	.04909	.00104	.00046

#2	.12009	.17751	.03155	.04786	-.00106	-.00051

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29780	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.3205434	--	--	--	--	--	--
#1	29848	--	--	--	--	--	--
#2	29713	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 10:14:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4480	.49462	.49638	.49175	.49494	.49262	.49727
SDev	.0013	.00204	.00316	.00116	.00070	.00196	.00059
%RSD	.05284	.41172	.63715	.23584	.14157	.39721	.11930
#1	2.4471	.49606	.49415	.49093	.49444	.49124	.49685
#2	2.4490	.49318	.49862	.49257	.49543	.49401	.49769

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.505	.48796	.48721	.49150	2.5080	.45991	.49059

SDev	.014	.00014	.00065	.00149	.0025	.00084	.00062
%RSD	.11112	.02782	.13409	.30381	.09903	.18177	.12612
#1	12.495	.48787	.48675	.49044	2.5062	.45932	.49015
#2	12.515	.48806	.48767	.49256	2.5097	.46050	.49103

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49230	4.8930	.48357	.50306	.49947	11.964	.93540
SDev	.00523	.0078	.00097	.00110	.00109	.031	.00189
%RSD	1.0620	.15954	.20144	.21769	.21753	.25658	.20171
#1	.48860	4.8985	.48288	.50229	.49870	11.942	.93674
#2	.49600	4.8875	.48426	.50383	.50024	11.986	.93407

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24477	12.314	11.793	.24492	.50499	.49599	.50261
SDev	.00029	.053	.006	.00067	.00227	.00071	.00109
%RSD	.11841	.42645	.04864	.27273	.44974	.14342	.21756
#1	.24456	12.351	11.789	.24445	.50339	.49649	.50184
#2	.24497	12.276	11.798	.24539	.50660	.49548	.50339

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49490	.50129	.47713	.49732	.47598	.50052

SDev	.00118	.00048	.00178	.00182	.00429	.00570
%RSD	.23899	.09549	.37413	.36609	.90043	1.1387
#1	.49407	.50095	.47839	.49604	.47295	.49649
#2	.49574	.50163	.47587	.49861	.47901	.50455

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29520	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0838386	--	--	--	--	--	--
#1	29502	--	--	--	--	--	--
#2	29537	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 10:17:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02535	.00244	-.00004	.00039	.00008	.00411	.00044
SDev	.00280	.00075	.00157	.00018	.00010	.00003	.00028
%RSD	11.038	30.709	4231.9	47.266	124.93	.75042	64.239
#1	.02337	.00191	.00107	.00026	.00001	.00413	.00024
#2	.02732	.00297	-.00115	.00052	.00015	.00409	.00064

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03785	.00044	.00064	-.00021	.01421	.00001	.00038
SDev	.01853	.00009	.00040	.00025	.01281	.00008	.00003
%RSD	48.943	19.283	61.607	122.68	90.163	668.88	8.9497
#1	.02475	.00038	.00036	-.00038	.00515	-.00004	.00040
#2	.05095	.00050	.00092	-.00003	.02327	.00007	.00035

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	.01354	.00062	.00202	.00009	-.01308	-.00264
SDev	.00048	.00048	.00046	.00010	.00018	.00433	.00094
%RSD	40.285	3.5238	74.583	5.1778	209.85	33.088	35.726
#1	-.00086	.01320	.00029	.00209	-.00004	-.01002	-.00197
#2	-.00154	.01388	.00094	.00194	.00022	-.01614	-.00331

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.04367	-.00407	.00021	.00184	-.00130	.00038
SDev	.00040	.08354	.00178	.00007	.00067	.00005	.00019
%RSD	91.721	191.31	43.783	32.781	36.285	4.1964	50.241
#1	.00016	-.01541	-.00533	.00016	.00137	-.00134	.00024
#2	.00073	.10274	-.00281	.00026	.00231	-.00126	.00051

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	-.00394	.00206	-.00046	.00339	-.00349
SDev	.00039	.00003	.00089	.00050	.00170	.00012
%RSD	110.28	.66631	43.511	107.20	50.029	3.5501
#1	.00008	-.00396	.00142	-.00011	.00459	-.00358
#2	.00062	-.00392	.00269	-.00082	.00219	-.00340

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30064	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.0964306	--	--	--	--	--	--
#1	30044	--	--	--	--	--	--
#2	30085	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70207/1-a Operator: SRP
Run Time: 01/21/12 10:21:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01320	.00126	.00003	.00122	-.00019	.00416	.00008
SDev	.00304	.00075	.00107	.00005	.00004	.00021	.00021
%RSD	23.009	59.507	3395.2	4.2623	23.185	4.9783	254.00
#1	.01105	.00179	.00079	.00118	-.00022	.00431	-.00007
#2	.01535	.00073	-.00072	.00125	-.00015	.00401	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01120	-.00026	.00030	-.00014	.00698	-.00025	.00071
SDev	.00728	.00013	.00036	.00007	.01052	.00009	.00006
%RSD	65.017	50.859	119.65	52.903	150.57	36.884	8.4236
#1	.00605	-.00016	.00005	-.00019	-.00045	-.00032	.00075
#2	.01635	-.00035	.00056	-.00008	.01442	-.00019	.00067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	-.00671	.00033	.00070	-.00044	-.05730	-.00083
SDev	.00128	.00342	.00015	.00055	.00049	.01237	.00056
%RSD	226.49	50.913	44.907	78.092	110.14	21.586	68.011
#1	.00148	-.00913	.00023	.00108	-.00078	-.06604	-.00043
#2	-.00034	-.00430	.00044	.00031	-.00010	-.04855	-.00123

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	-.04687	-.00132	.00113	.00163	.00023	.00007
SDev	.00049	.13455	.00212	.00002	.00024	.00108	.00006

%RSD	437.32	287.07	161.45	1.8062	14.465	476.11	77.931
#1	-.00023	-.14201	-.00282	.00112	.00146	.00099	.00003
#2	.00046	.04827	.00019	.00115	.00180	-.00054	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00178	.00317	-.00052	.00633	-.00231
SDev	.00001	.00001	.00045	.00013	.00022	.00182
%RSD	3.3460	.54303	14.123	25.877	3.5484	78.535
#1	-.00015	-.00178	.00349	-.00061	.00649	-.00103
#2	-.00016	-.00177	.00286	-.00042	.00617	-.00360

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29650	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.3696573	--	--	--	--	--	--
#1	29727	--	--	--	--	--	--
#2	29572	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70207/2-a Operator: SRP
Run Time: 01/21/12 10:30:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.257	1.0207	1.0385	1.0713	.51011	1.0291	.51727

SDev	.047	.0046	.0077	.0049	.00323	.0052	.00314
%RSD	.45934	.45500	.74618	.45802	.63327	.50086	.60749
#1	10.291	1.0240	1.0440	1.0748	.51239	1.0328	.51949
#2	10.224	1.0174	1.0330	1.0679	.50782	1.0255	.51504
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.596	1.0124	1.0098	1.0206	11.472	.47521	1.0222
SDev	.066	.0064	.0064	.0050	.077	.00203	.0057
%RSD	.62473	.63234	.63674	.49073	.67285	.42677	.56038
#1	10.643	1.0169	1.0143	1.0242	11.527	.47664	1.0263
#2	10.549	1.0079	1.0052	1.0171	11.418	.47377	1.0182
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0271	10.156	1.0160	1.0395	1.0684	10.124	1.2616
SDev	.0025	.073	.0064	.0036	.0112	.046	.0122
%RSD	.24708	.71568	.62945	.34632	1.0496	.45143	.96365
#1	1.0289	10.207	1.0205	1.0421	1.0763	10.156	1.2702
#2	1.0253	10.104	1.0115	1.0370	1.0604	10.092	1.2530
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51453	9.9378	9.9582	.52081	1.0500	1.0232	1.0383
SDev	.00262	.0706	.0446	.00253	.0075	.0053	.0068
%RSD	.50909	.71067	.44819	.48594	.71877	.51931	.65170
#1	.51638	9.9877	9.9897	.52260	1.0553	1.0270	1.0431
#2	.51268	9.8878	9.9266	.51902	1.0446	1.0195	1.0335
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.0244	1.1185	.99132	1.0377	.99064	1.0454	
SDev	.0063	.0074	.00404	.0066	.00628	.0007	
%RSD	.61189	.65895	.40742	.63345	.63380	.06383	
#1	1.0288	1.1237	.99418	1.0423	.99508	1.0458	
#2	1.0200	1.1133	.98847	1.0330	.98620	1.0449	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29852	--	--	--	--	--	--
SDev	144.2498	--	--	--	--	--	--
%RSD	.4832165	--	--	--	--	--	--

#1	29750	--	--	--	--	--	--
#2	29954	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48664-c-3-a Operator: SRP
Run Time: 01/21/12 10:33:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15891	.00320	.00465	.10959	-.00022	.13978	.00019
SDev	.00052	.00213	.00165	.00003	.00004	.00114	.00009
%RSD	.32610	66.753	35.481	.02702	20.001	.81328	49.531
#1	.15928	.00471	.00348	.10961	-.00025	.14059	.00026
#2	.15854	.00169	.00581	.10957	-.00019	.13898	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	223.69	.00310	.00026	.02725	.26799	.03258	-.00003
SDev	1.09	.00017	.00004	.00032	.00669	.00012	.00004
%RSD	.48915	5.3565	15.431	1.1670	2.4977	.38161	110.80
#1	224.46	.00322	.00023	.02747	.27272	.03250	-.00001
#2	222.92	.00299	.00029	.02702	.26325	.03267	-.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	4.7856	.02009	.09851	.02031	28.483	24.128
SDev	.00161	.0209	.00005	.00217	.00041	.001	.050
%RSD	50.823	.43654	.25820	2.2039	2.0299	.00492	.20623
#1	.00430	4.8004	.02005	.10005	.02002	28.482	24.163
#2	.00202	4.7708	.02012	.09698	.02061	28.484	24.092

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	1272.0	489.83	.30820	.00633	.00045	.00212
SDev	.00018	2.4	2.59	.00017	.00248	.00004	.00036
%RSD	65.146	.18812	.52820	.05575	39.249	9.0237	17.140
#1	.00040	1273.7	491.66	.30832	.00809	.00047	.00238
#2	.00015	1270.3	488.00	.30808	.00457	.00042	.00186

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06116	.03190	.00067	-.00038	.00651	.00148
SDev	.00054	.00025	.00261	.00136	.00063	.00272
%RSD	.88875	.79207	392.25	354.21	9.6892	183.54
#1	.06154	.03172	-.00118	.00058	.00606	.00341
#2	.06077	.03208	.00251	-.00135	.00696	-.00044

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/21/12 10:37:39 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27149	--	--	--	--	--	--
SDev	2.828427	--	--	--	--	--	--
%RSD	.0104182	--	--	--	--	--	--
#1	27147	--	--	--	--	--	--
#2	27151	--	--	--	--	--	--

Analysis Report 01/21/12 10:42:03 AM page 1

Method: 20076010 Sample Name: 600-48664-c-3-b du Operator: SRP
Run Time: 01/21/12 10:38:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15885	.00354	.00322	.11210	-.00025	.14048	-.00001
SDev	.00055	.00131	.00048	.00040	.00001	.00123	.00008
%RSD	.34343	36.975	14.815	.35280	5.2665	.87447	1065.5
#1	.15924	.00262	.00289	.11238	-.00024	.14135	-.00006
#2	.15847	.00447	.00356	.11182	-.00026	.13961	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	226.31	.00300	.00027	.02880	.22235	.03318	-.00007
SDev	1.51	.00002	.00004	.00024	.01419	.00012	.00053
%RSD	.66514	.49352	15.437	.84460	6.3813	.36283	725.32
#1	227.37	.00299	.00024	.02898	.21232	.03326	-.00045
#2	225.24	.00301	.00030	.02863	.23239	.03309	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	4.8386	.02000	.09774	.02027	28.909	24.450
SDev	.00018	.0370	.00013	.00094	.00001	.168	.112
%RSD	10.625	.76473	.66776	.96128	.03761	.58037	.45630
#1	.00158	4.8647	.02009	.09841	.02027	29.028	24.529
#2	.00183	4.8124	.01990	.09708	.02028	28.791	24.371

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	1289.4	489.82	.31333	.00230	.00223	.00153
SDev	.00033	5.1	2.50	.00141	.00045	.00080	.00006
%RSD	275.07	.39842	.51060	.45101	19.763	35.967	3.7083
#1	-.00035	1293.1	491.59	.31433	.00197	.00166	.00149
#2	.00011	1285.8	488.05	.31233	.00262	.00280	.00157

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06183	.03267	.00149	-.00085	.00685	-.00087
SDev	.00034	.00007	.00317	.00079	.00043	.00049
%RSD	.55862	.21629	213.61	92.648	6.3293	56.216
#1	.06207	.03272	-.00076	-.00029	.00716	-.00121
#2	.06158	.03262	.00373	-.00141	.00655	-.00052

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27498	--	--	--	--	--	--
SDev	74.95332	--	--	--	--	--	--
%RSD	.2725773	--	--	--	--	--	--

#1	27445	--	--	--	--	--	--
#2	27551	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48664-c-3-c ms Operator: SRP
Run Time: 01/21/12 10:42:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.952	1.0848	1.1069	1.1269	.49669	1.2275	.49286
SDev	.018	.0039	.0001	.0020	.00142	.0003	.00212
%RSD	.16333	.36247	.00555	.17996	.28534	.02837	.42935
#1	10.939	1.0820	1.1069	1.1255	.49769	1.2272	.49435
#2	10.964	1.0876	1.1069	1.1283	.49568	1.2277	.49136

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	232.95	.96493	.97541	1.0953	10.053	.68418	.98130
SDev	.89	.00226	.00223	.0012	.042	.00136	.00520
%RSD	.38290	.23426	.22879	.11044	.41448	.19865	.53000
#1	233.58	.96653	.97699	1.0944	10.083	.68322	.98498
#2	232.32	.96333	.97384	1.0961	10.024	.68514	.97762

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0908	14.252	.98288	1.1425	1.0220	45.583	25.836
SDev	.0000	.035	.00230	.0045	.0077	.072	.007
%RSD	.00359	.24703	.23351	.39464	.75142	.15852	.02695
#1	1.0908	14.277	.98450	1.1394	1.0275	45.531	25.841
#2	1.0908	14.227	.98126	1.1457	1.0166	45.634	25.831

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53484	1305.2	491.49	.83089	1.0608	1.0581	1.0193
SDev	.00013	1.9	.94	.00101	.0064	.0028	.0008
%RSD	.02445	.14481	.19209	.12168	.60664	.26672	.08231
#1	.53493	1303.9	492.16	.83018	1.0563	1.0601	1.0199
#2	.53475	1306.6	490.83	.83161	1.0654	1.0561	1.0187

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0687	1.1113	.94768	.99811	1.0523	1.1100
SDev	.0015	.0030	.00220	.00890	.0024	.0012
%RSD	.13707	.26831	.23270	.89209	.23111	.10426
#1	1.0697	1.1134	.94612	1.0044	1.0506	1.1108
#2	1.0676	1.1092	.94924	.99181	1.0540	1.1092

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	27263	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1815555	--	--	--	--	--	--
#1	27298	--	--	--	--	--	--
#2	27228	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48664-c-3-d msd Operator: SRP
Run Time: 01/21/12 10:45:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.929	1.0870	1.1032	1.1232	.49741	1.2316	.49470
SDev	.003	.0020	.0004	.0001	.00112	.0019	.00112
%RSD	.02825	.18248	.03463	.00450	.22584	.15045	.22607
#1	10.931	1.0884	1.1030	1.1232	.49821	1.2303	.49549
#2	10.927	1.0856	1.1035	1.1231	.49662	1.2329	.49391

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	233.02	.96344	.97451	1.0919	10.054	.68195	.98450
SDev	.53	.00125	.00169	.0006	.016	.00000	.00038
%RSD	.22900	.12926	.17371	.05596	.16342	.00030	.03847
#1	233.40	.96432	.97571	1.0914	10.066	.68195	.98423
#2	232.64	.96256	.97331	1.0923	10.042	.68195	.98477

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0918	14.249	.98202	1.1429	1.0134	45.350	25.872
SDev	.0024	.023	.00134	.0008	.0039	.048	.039
%RSD	.22181	.15874	.13638	.06967	.38256	.10677	.15052
#1	1.0935	14.265	.98297	1.1434	1.0162	45.384	25.899
#2	1.0900	14.233	.98107	1.1423	1.0107	45.316	25.844

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53400	1300.8	490.56	.82669	1.0739	1.0568	1.0167
SDev	.00105	.3	.60	.00011	.0033	.0014	.0010
%RSD	.19624	.02029	.12160	.01319	.30533	.13239	.09813
#1	.53474	1301.0	490.98	.82676	1.0716	1.0578	1.0174
#2	.53326	1300.7	490.14	.82661	1.0762	1.0558	1.0160

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0665	1.1123	.94834	1.0026	1.0561	1.1096
SDev	.0013	.0015	.00019	.0007	.0028	.0050
%RSD	.12454	.13520	.02029	.06625	.26361	.45282
#1	1.0674	1.1134	.94847	1.0021	1.0541	1.1131

#2	1.0656	1.1113	.94820	1.0031	1.0581	1.1060

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27479	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0360257	--	--	--	--	--	--
#1	27486	--	--	--	--	--	--
#2	27472	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48877-e-1-a Operator: SRP
Run Time: 01/21/12 10:49:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4410	.00270	.00733	215.48	-.00058	93.262	.01713
SDev	.0480	.00056	.00160	3.29	.00006	.845	.00060
%RSD	3.3327	20.696	21.835	1.5262	10.058	.90635	3.5030
#1	1.4070	.00230	.00620	217.80	-.00054	92.665	.01671
#2	1.4749	.00309	.00846	213.15	-.00062	93.860	.01756

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2388.9	.00762	.03164	.01449	63.106	S54.133	.01734
SDev	42.3	.00141	.00132	.00006	.861	.713	.00047
%RSD	1.7728	18.507	4.1707	.43941	1.3640	1.3176	2.7337
#1	2418.8	.00861	.03257	.01453	63.715	S53.628	.01768
#2	2358.9	.00662	.03070	.01444	62.497	S54.637	.01701

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03102	262.14	10.018	.00637	.00439	1287.6	49.920
SDev	.00383	1.97	.082	.00193	.00226	22.9	.587
%RSD	12.350	.75002	.81499	30.236	51.556	1.7787	1.1766
#1	-.03373	263.53	10.075	.00774	.00279	1271.4	49.505
#2	-.02831	260.75	9.9599	.00501	.00599	1303.8	50.335

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	36638.	2050.5	S1.7858	.07972	.00299	-.13029
SDev	.00119	373.	14.3	.0699	.00625	.00360	.00074
%RSD	58.880	1.0185	.69681	3.9145	7.8411	120.45	.57071
#1	-.00118	36374.	2040.4	S1.7364	.08414	.00553	-.13081
#2	-.00287	36902.	2060.6	S1.8353	.07530	.00044	-.12976

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00350	4.8679	-.00397	.02800	.00108	-.04707

SDev	.00036	.0050	.02169	.01013	.00979	.01064
%RSD	10.373	.10219	545.80	36.187	904.89	22.603
#1	.00376	4.8643	.01136	.02084	.00800	-.05459
#2	.00324	4.8714	-.01931	.03517	-.00584	-.03955

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11915	--	--	--	--	--	--
SDev	156.9777	--	--	--	--	--	--
%RSD	1.317480	--	--	--	--	--	--
#1	12026	--	--	--	--	--	--
#2	11804	--	--	--	--	--	--

Analysis Report Blank Sample 01/21/12 11:00:34 AM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 10:56:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5249	.50565	.51082	1.2881	.50207	.62386	.51435
SDev	.0088	.00067	.00054	.3815	.00081	.04649	.00165
%RSD	.34658	.13230	.10518	29.616	.16214	7.4526	.32051
#1	2.5310	.50612	.51044	1.5579	.50150	.65674	.51318
#2	2.5187	.50517	.51120	1.0184	.50265	.59098	.51551

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.761	.49658	.49373	.49868	2.6420	.51243	.50375
SDev	1.888	.00132	.00107	.00058	.0158	.02595	.00115
%RSD	11.266	.26559	.21625	.11544	.59948	5.0633	.22834
#1	18.096	.49565	.49298	.49827	2.6532	.53078	.50456
#2	15.426	.49752	.49449	.49909	2.6308	.49408	.50294

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50626	5.1581	.50089	.51633	.51917	13.163	1.0011
SDev	.00182	.0628	.00210	.00101	.00049	.697	.0233
%RSD	.35961	1.2178	.41998	.19565	.09402	5.2958	2.3307
#1	.50497	5.2025	.50238	.51561	.51882	13.656	1.0176
#2	.50755	5.1137	.49940	.51704	.51951	12.670	.98461

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25009	29.923	22.609	1.3242	.52559	.50972	.51247
SDev	.00036	12.075	7.065	.5138	.01342	.00028	.00142
%RSD	.14376	40.354	31.248	38.804	2.5533	.05465	.27704
#1	.24984	38.462	27.604	1.6875	.51610	.50952	.51146
#2	.25035	21.385	17.613	.96085	.53508	.50991	.51347

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50318	.51912	.48788	.51169	.48394	.51748
SDev	.00132	.00032	.00048	.00197	.00653	.00599
%RSD	.26179	.06196	.09847	.38414	1.3487	1.1584
#1	.50225	.51935	.48754	.51308	.48855	.51324
#2	.50411	.51889	.48822	.51030	.47932	.52172

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29232	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0217702	--	--	--	--	--	--

#1	29237	--	--	--	--	--	--
#2	29228	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 11:00:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03649	.00187	.00085	.34529	.00005	.05871	.00046
SDev	.00060	.00163	.00016	.06573	.00006	.00830	.00017
%RSD	1.6306	87.319	19.122	19.035	110.87	14.129	36.849
#1	.03691	.00302	.00074	.39177	.00009	.06458	.00058
#2	.03607	.00071	.00097	.29882	.00001	.05285	.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7634	.00053	.00082	-.00033	.02946	.01602	.00034
SDev	.3329	.00002	.00022	.00035	.00623	.00419	.00085
%RSD	18.881	4.4314	26.773	107.97	21.165	26.150	252.59
#1	1.9988	.00054	.00097	-.00008	.03386	.01898	-.00026
#2	1.5280	.00051	.00066	-.00058	.02505	.01306	.00094

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00268	.08940	.00409	.00203	.00029	.25825	.00558
SDev	.00045	.01380	.00060	.00050	.00025	.12832	.00311
%RSD	16.687	15.437	14.677	24.649	87.970	49.686	55.763
#1	.00237	.09916	.00451	.00238	.00047	.34899	.00778
#2	.00300	.07964	.00366	.00168	.00011	.16752	.00338

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	7.3882	6.2771	.46247	.00426	-.00151	.00044
SDev	.00058	2.8784	2.0988	.08224	.00079	.00086	.00003
%RSD	111.16	38.959	33.436	17.783	18.550	57.174	6.7736
#1	.00093	9.4235	7.7611	.52062	.00482	-.00090	.00046
#2	.00011	5.3529	4.7930	.40432	.00370	-.00212	.00042

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	-.00301	.00063	.00019	.00696	.00055
SDev	.00001	.00024	.00129	.00063	.00033	.00084
%RSD	1.4721	7.8224	202.91	337.01	4.7054	152.95

#1	.00042	-.00284	-.00028	-.00026	.00719	-.00004
#2	.00041	-.00318	.00154	.00063	.00672	.00114

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/21/12 11:04:26 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29574	--	--	--	--	--	--
SDev	70.00357	--	--	--	--	--	--
%RSD	.2367105	--	--	--	--	--	--
#1	29524	--	--	--	--	--	--
#2	29623	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70035/1-a Operator: SRP
Run Time: 01/21/12 11:04:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02524	.00231	-.00053	.01544	-.00038	.03169	.00029
SDev	.00003	.00029	.00228	.00083	.00000	.00418	.00014
%RSD	.12965	12.724	433.98	5.3506	.56003	13.200	46.877
#1	.02521	.00210	.00109	.01602	-.00038	.03465	.00039
#2	.02526	.00252	-.00214	.01485	-.00038	.02874	.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02526	.00018	-.00013	-.00010	.01143	.00131	.00061
SDev	.00362	.00013	.00008	.00009	.00564	.00020	.00029
%RSD	14.317	74.471	59.538	89.982	49.364	15.524	47.133
#1	.02782	.00027	-.00018	-.00004	.00744	.00145	.00082
#2	.02271	.00008	-.00007	-.00017	.01542	.00116	.00041

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.01071	.00028	.00041	-.00062	.04761	.00205
SDev	.00043	.00063	.00003	.00040	.00019	.00496	.00037
%RSD	305.82	5.9114	8.9958	97.284	30.322	10.417	18.109
#1	-.00016	.01116	.00030	.00013	-.00076	.04410	.00178
#2	.00045	.01027	.00026	.00069	-.00049	.05112	.00231

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.20561	.52823	.00444	-.00444	.02902	.00007
SDev	.00003	.07969	.02618	.00109	.00079	.00010	.00008
%RSD	17.296	38.759	4.9563	24.604	17.802	.33449	127.50
#1	.00014	.14926	.54675	.00521	-.00388	.02896	.00001
#2	.00018	.26195	.50972	.00366	-.00500	.02909	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00007	.00114	.00379	-.00097	-.00251	.00147
SDev	.00000	.00014	.00007	.00040	.00116	.00007
%RSD	5.0605	12.006	1.9248	40.969	46.235	4.6943
#1	.00006	.00104	.00384	-.00069	-.00333	.00142

Analysis Report 01/21/12 11:08:17 AM page 4

#2	.00007	.00123	.00374	-.00125	-.00169	.00152

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29236	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.1717247	--	--	--	--	--	--
#1	29200	--	--	--	--	--	--
#2	29271	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70035/2-a Operator: SRP
Run Time: 01/21/12 11:08:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.114	.70354	1.2234	2.3321	1.3049	.77203	.60980
SDev	.030	.00167	.0035	.0030	.0019	.00228	.00114
%RSD	.04150	.23782	.28750	.12698	.14256	.29547	.18715
#1	73.135	.70236	1.2259	2.3300	1.3062	.77365	.61061
#2	73.092	.70472	1.2209	2.3342	1.3036	.77042	.60900

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.732	.86984	1.1920	.93955	150.81	.07612	1.2138
SDev	.216	.00189	.0026	.00101	.39	.00004	.0004
%RSD	.26695	.21704	.22165	.10723	.25811	.04917	.03309
#1	80.884	.87118	1.1939	.93884	151.09	.07615	1.2136
#2	80.579	.86851	1.1901	.94026	150.54	.07609	1.2141

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6796	35.286	4.8737	.81543	1.1562	41.855	17.273
SDev	.0020	.070	.0085	.00338	.0100	.013	.007
%RSD	.12187	.19778	.17417	.41408	.86536	.02995	.04127
#1	1.6781	35.336	4.8797	.81304	1.1633	41.863	17.278
#2	1.6810	35.237	4.8677	.81782	1.1491	41.846	17.268

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38904	2.8069	5.8985	2.1597	1.4933	1.3697	3.9446
SDev	.00125	.1728	.0145	.0021	.0056	.0044	.0001
%RSD	.31999	6.1579	.24523	.09616	.37781	.32381	.00244
#1	.38992	2.9292	5.8883	2.1582	1.4973	1.3728	3.9446
#2	.38816	2.6847	5.9087	2.1611	1.4893	1.3666	3.9447

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56012	1.9276	1.1481	1.2467	1.6015	1.7186

SDev	.00085	.0034	.0112	.0062	.0140	.0101
%RSD	.15149	.17782	.97606	.49774	.87519	.58644
#1	.56072	1.9300	1.1560	1.2423	1.6115	1.7115
#2	.55952	1.9251	1.1402	1.2511	1.5916	1.7257

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31010	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.1048917	--	--	--	--	--	--
#1	30987	--	--	--	--	--	--
#2	31033	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-12-a Operator: SRP
Run Time: 01/21/12 11:12:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.20	.00421	.07395	.85495	.00729	.05368	.00955
SDev	.15	.00238	.00560	.00032	.00009	.00113	.00005
%RSD	.12848	56.498	7.5791	.03776	1.1827	2.0999	.52100
#1	113.30	.00589	.07791	.85518	.00735	.05448	.00959
#2	113.09	.00253	.06998	.85472	.00723	.05288	.00952

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1663.6	.14115	.03758	.12598	110.69	.08051	.12023
SDev	5.0	.00143	.00021	.00058	.43	.00011	.00021
%RSD	.30278	1.0118	.56652	.45689	.39036	.13279	.17711
#1	1667.2	.14216	.03773	.12638	110.99	.08059	.12008
#2	1660.0	.14014	.03743	.12557	110.38	.08044	.12038

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01331	17.184	4.2444	.00349	.15929	16.598	20.459
SDev	.00176	.068	.0154	.00118	.00056	.029	.034
%RSD	13.196	.39671	.36362	33.692	.35073	.17421	.16545
#1	-.01455	17.232	4.2553	.00432	.15969	16.578	20.483
#2	-.01206	17.136	4.2334	.00266	.15890	16.618	20.435

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00271	3.9535	4.3562	7.3500	.00097	.02623	.22276
SDev	.00015	.0239	.0067	.0106	.00106	.00128	.00099
%RSD	5.5444	.60521	.15373	.14365	109.28	4.8642	.44492
#1	-.00282	3.9365	4.3515	7.3575	.00022	.02532	.22346

#2	-.00260	3.9704	4.3609	7.3425	.00172	.02713	.22206

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42632	.45089	.08665	.13702	-.00932	-.01530
SDev	.00164	.00206	.00867	.00402	.00566	.00020
%RSD	.38444	.45724	10.004	2.9303	60.782	1.2950
#1	.42747	.45234	.08052	.13985	-.01332	-.01516
#2	.42516	.44943	.09278	.13418	-.00531	-.01544

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29871	--	--	--	--	--	--
SDev	121.6224	--	--	--	--	--	--
%RSD	.4071587	--	--	--	--	--	--
#1	29957	--	--	--	--	--	--
#2	29785	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-14-a Operator: SRP
Run Time: 01/21/12 11:16:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	184.95	.00411	.20291	1.5183	.01273	.08172	.01148
SDev	.18	.00127	.00038	.0007	.00003	.00094	.00002
%RSD	.09577	30.881	.18750	.04588	.25245	1.1498	.16668
#1	184.83	.00321	.20318	1.5188	.01271	.08238	.01147
#2	185.08	.00500	.20264	1.5179	.01275	.08105	.01149

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	793.62	.21147	.08493	.19565	197.00	.11846	.71809
SDev	2.53	.00053	.00034	.00018	.50	.00006	.00159
%RSD	.31875	.25255	.39904	.09398	.25576	.04732	.22077
#1	791.83	.21110	.08469	.19578	196.65	.11850	.71697
#2	795.41	.21185	.08517	.19552	197.36	.11842	.71921

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00994	30.686	6.1108	.00264	.26079	25.798	15.705
SDev	.00467	.084	.0123	.00150	.00050	.002	.030
%RSD	46.965	.27281	.20061	56.816	.19198	.00686	.19315
#1	-.00664	30.627	6.1022	.00370	.26043	25.799	15.684
#2	-.01324	30.745	6.1195	.00158	.26114	25.797	15.727

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00252	4.3167	4.8518	3.2363	-.00740	.03009	.33147
SDev	.00027	.0105	.0097	.0005	.00558	.00019	.00007

%RSD	10.645	.24427	.20077	.01530	75.350	.63111	.02228
#1	-.00233	4.3092	4.8449	3.2360	-.00346	.02996	.33141
#2	-.00271	4.3241	4.8587	3.2367	-.01134	.03023	.33152

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68154	.58844	.65410	.75008	.00028	-.01505
SDev	.00083	.00093	.00167	.00154	.00859	.00271
%RSD	.12168	.15836	.25504	.20583	3014.4	17.999
#1	.68096	.58778	.65292	.74899	.00636	-.01314
#2	.68213	.58910	.65528	.75118	-.00579	-.01697

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35587	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.1748543	--	--	--	--	--	--
#1	35543	--	--	--	--	--	--
#2	35631	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-15-a Operator: SRP
Run Time: 01/21/12 11:19:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.127	.00621	.29278	.46043	.00944	.05876	.01661
SDev	.150	.00096	.00065	.00057	.00007	.00017	.00011
%RSD	.15574	15.478	.22256	.12489	.72382	.29099	.66265
#1	96.233	.00553	.29232	.46084	.00949	.05888	.01653
#2	96.021	.00689	.29325	.46003	.00939	.05864	.01669

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1701.7	.15188	.14096	.19047	250.16	.08536	.11865
SDev	7.2	.00046	.00064	.00082	.77	.00002	.00056
%RSD	.42585	.30264	.45538	.43228	.30713	.01790	.47053
#1	1706.8	.15220	.14142	.19105	250.71	.08537	.11905
#2	1696.5	.15155	.14051	.18988	249.62	.08535	.11826

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02646	22.161	7.7204	.02734	.45818	16.257	20.970
SDev	.00152	.077	.0233	.00011	.00180	.010	.027
%RSD	5.7499	.34955	.30241	.41502	.39292	.05964	.12794
#1	-.02754	22.215	7.7369	.02742	.45945	16.264	20.989
#2	-.02538	22.106	7.7039	.02726	.45691	16.250	20.951

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00422	8.5652	9.6243	12.647	-.01012	.02751	.25552
SDev	.00033	.0599	.0063	.024	.00136	.00146	.00016
%RSD	7.8348	.69983	.06537	.19252	13.444	5.3016	.06385
#1	-.00399	8.6076	9.6198	12.664	-.00916	.02854	.25564
#2	-.00445	8.5228	9.6287	12.630	-.01108	.02648	.25540

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2070	.52094	.09148	.13224	-.01158	-.03390
SDev	.0032	.00092	.00619	.00226	.00554	.00049
%RSD	.26517	.17683	6.7634	1.7062	47.817	1.4345
#1	1.2093	.52160	.09586	.13064	-.01549	-.03356
#2	1.2048	.52029	.08711	.13383	-.00766	-.03424

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30858	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.2337316	--	--	--	--	--	--
#1	30807	--	--	--	--	--	--
#2	30909	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-1-a Operator: SRP
Run Time: 01/21/12 11:23:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.790	.00149	.09681	.44614	.00480	.09537	.00485
SDev	.083	.00058	.00169	.00024	.00003	.00044	.00020
%RSD	.11937	38.951	1.7513	.05308	.65679	.46077	4.0853
#1	69.731	.00108	.09800	.44631	.00482	.09568	.00471
#2	69.849	.00190	.09561	.44597	.00478	.09506	.00499

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	845.81	.10071	.03642	.14082	141.35	.07622	.10161
SDev	.31	.00015	.00059	.00027	.03	.00002	.00037
%RSD	.03674	.14878	1.6085	.19124	.01915	.03013	.36070
#1	846.03	.10060	.03601	.14101	141.37	.07623	.10187
#2	845.59	.10081	.03684	.14063	141.33	.07620	.10135

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00711	13.892	1.9190	.00688	.10503	23.085	18.584
SDev	.00312	.008	.0014	.00100	.00030	.031	.003
%RSD	43.848	.05417	.07536	14.561	.28588	.13393	.01668

#1	-.00931	13.897	1.9200	.00617	.10481	23.063	18.586
#2	-.00491	13.887	1.9180	.00758	.10524	23.106	18.582

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00440	4.8674	5.7950	5.8744	-.01059	.02978	.57299
SDev	.00045	.1448	.0033	.0047	.00050	.00168	.00002
%RSD	10.165	2.9739	.05710	.07951	4.7371	5.6406	.00386

#1	-.00471	4.7651	5.7926	5.8711	-.01024	.02859	.57301
#2	-.00408	4.9698	5.7973	5.8777	-.01094	.03096	.57298

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17983	.35120	.08643	.10920	-.00503	-.00815
SDev	.00034	.00042	.00163	.00026	.00622	.00157
%RSD	.19011	.12063	1.8820	.24135	123.70	19.204

#1	.18007	.35150	.08758	.10902	-.00943	-.00926
#2	.17959	.35090	.08528	.10939	-.00063	-.00704

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29682	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.1953465	--	--	--	--	--	--

#1	29641	--	--	--	--	--	--
#2	29723	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-2-a Operator: SRP
Run Time: 01/21/12 11:27:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.691	.00402	.22532	1.1087	.00709	.07252	.01442
SDev	.002	.00094	.00170	.0004	.00002	.00005	.00000
%RSD	.00247	23.444	.75618	.03486	.33674	.06372	.00637

#1	68.690	.00336	.22652	1.1084	.00707	.07255	.01443
#2	68.692	.00469	.22412	1.1089	.00710	.07248	.01442

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1584.2	.12772	.11384	.16181	179.13	.08188	.27441
SDev	2.9	.00004	.00008	.00023	.23	.00003	.00077
%RSD	.18579	.03097	.07154	.14492	.12675	.03341	.28028

#1	1582.1	.12774	.11378	.16164	178.97	.08186	.27386
#2	1586.2	.12769	.11390	.16197	179.29	.08190	.27495

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01644	20.906	10.697	.01563	.26337	22.576	19.437
SDev	.00096	.035	.014	.00064	.00051	.038	.018

%RSD	5.8540	.16956	.13449	4.0858	.19506	.16914	.09254
#1	-.01576	20.881	10.687	.01608	.26373	22.603	19.424
#2	-.01712	20.931	10.707	.01518	.26301	22.549	19.450

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00339	5.1024	5.9979	10.533	-.00954	.02789	.43126
SDev	.00048	.0308	.0002	.001	.00073	.00163	.00034
%RSD	14.042	.60336	.00293	.01260	7.6706	5.8638	.07920
#1	-.00306	5.1241	5.9980	10.534	-.01006	.02905	.43102
#2	-.00373	5.0806	5.9977	10.532	-.00903	.02673	.43150

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45043	.62658	.24703	.28809	-.00594	-.02169
SDev	.00005	.00038	.00021	.00126	.00147	.00218
%RSD	.01066	.06022	.08587	.43725	24.710	10.036
#1	.45040	.62631	.24718	.28720	-.00697	-.02016
#2	.45047	.62685	.24688	.28899	-.00490	-.02323

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31163	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.1951391	--	--	--	--	--	--
#1	31206	--	--	--	--	--	--
#2	31120	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-3-a Operator: SRP
Run Time: 01/21/12 11:31:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.942	.00801	.47048	2.9423	.00897	.06299	.02498
SDev	.060	.00002	.00150	.0016	.00003	.00149	.00023
%RSD	.08158	.23757	.31849	.05441	.33162	2.3611	.90562
#1	73.985	.00799	.47154	2.9435	.00899	.06404	.02482
#2	73.899	.00802	.46942	2.9412	.00895	.06193	.02514

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1571.9	.13461	.21340	.25579	397.82	.07961	.30596
SDev	7.6	.00079	.00035	.00041	1.42	.00001	.00016
%RSD	.48551	.58953	.16480	.15930	.35706	.00963	.05360

#1	1577.3	.13517	.21365	.25608	398.83	.07960	.30608
#2	1566.5	.13405	.21315	.25551	396.82	.07961	.30585

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04009	21.339	23.226	.03290	.50637	20.017	16.906
SDev	.00024	.080	.084	.00044	.00268	.061	.033
%RSD	.60061	.37655	.36248	1.3263	.52908	.30504	.19267
#1	-.04026	21.396	23.286	.03259	.50827	19.974	16.929
#2	-.03992	21.282	23.167	.03321	.50448	20.060	16.883

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00369	5.1357	6.0520	9.8334	-.01520	.02927	.41440
SDev	.00001	.0244	.0114	.0038	.00348	.00199	.00115
%RSD	.36273	.47486	.18770	.03818	22.919	6.7897	.27740
#1	-.00370	5.1530	6.0440	9.8360	-.01274	.02786	.41521
#2	-.00369	5.1185	6.0600	9.8307	-.01766	.03068	.41359

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2886	.77125	.27486	.32151	-.02583	-.04722
SDev	.0036	.00204	.00175	.00112	.00267	.00170
%RSD	.28159	.26501	.63803	.34924	10.339	3.5931
#1	1.2912	.77269	.27362	.32231	-.02395	-.04842
#2	1.2860	.76980	.27610	.32072	-.02772	-.04602

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29998	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.3182246	--	--	--	--	--	--
#1	29930	--	--	--	--	--	--
#2	30065	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-4-a Operator: SRP
Run Time: 01/21/12 11:35:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.430	.00452	.21119	1.4563	.00717	.06775	.03600
SDev	.120	.00084	.00173	.0005	.00001	.00038	.00006
%RSD	.15721	18.493	.82000	.03360	.12500	.55655	.15979
#1	76.515	.00393	.21242	1.4566	.00717	.06749	.03604
#2	76.345	.00511	.20997	1.4559	.00716	.06802	.03596

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1607.4	.11700	.11633	.13604	186.46	.10435	.25677
SDev	1.3	.00030	.00015	.00009	.18	.00027	.00016
%RSD	.07963	.25757	.13075	.06942	.09593	.26262	.06231
#1	1606.5	.11679	.11622	.13611	186.33	.10455	.25688

#2	1608.3	.11722	.11643	.13597	186.58	.10416	.25666

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02022	19.152	11.495	.01987	.27056	21.999	15.201
SDev	.00018	.020	.010	.00029	.00113	.071	.006
%RSD	.87777	.10502	.08273	1.4602	.41621	.32362	.04076
#1	-.02009	19.138	11.489	.02007	.26977	22.049	15.205
#2	-.02034	19.167	11.502	.01966	.27136	21.948	15.196

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00384	4.7027	5.5169	10.392	-.00544	.02653	.38993
SDev	.00006	.0960	.0182	.002	.00180	.00085	.00015
%RSD	1.4531	2.0421	.33070	.01469	33.118	3.1949	.03903
#1	-.00388	4.7706	5.5298	10.391	-.00417	.02713	.39004
#2	-.00380	4.6348	5.5040	10.393	-.00671	.02593	.38982

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57834	.59988	.22650	.27190	-.00860	-.02603
SDev	.00021	.00015	.00099	.00074	.00324	.00189
%RSD	.03706	.02550	.43865	.27097	37.679	7.2462
#1	.57819	.59978	.22580	.27243	-.01089	-.02469
#2	.57849	.59999	.22720	.27138	-.00631	-.02736

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30948	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0799701	--	--	--	--	--	--
#1	30930	--	--	--	--	--	--
#2	30965	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-5-a Operator: SRP
Run Time: 01/21/12 11:39:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.227	.00964	.50804	4.0320	.00497	.03893	.02523
SDev	.006	.00092	.00030	.0029	.00005	.00065	.00006

%RSD	.02462	9.5936	.05902	.07289	1.0071	1.6818	.25822
#1	25.223	.00898	.50825	4.0341	.00494	.03940	.02519
#2	25.232	.01029	.50783	4.0299	.00501	.03847	.02528

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1902.1	.09747	.30834	.19108	221.37	.02979	.19164
SDev	1.5	.00030	.00084	.00043	.50	.00006	.00015

%RSD	.07794	.30681	.27109	.22489	.22665	.18945	.07767
#1	1901.0	.09768	.30775	.19139	221.02	.02983	.19174
#2	1903.1	.09726	.30893	.19078	221.72	.02975	.19153

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03319	16.376	31.347	.06912	.51922	7.8138	16.262
SDev	.00013	.027	.033	.00144	.00061	.0099	.013
%RSD	.38477	.16227	.10553	2.0777	.11769	.12625	.07728
#1	-.03328	16.357	31.323	.06811	.51879	7.8208	16.253
#2	-.03310	16.394	31.370	.07014	.51965	7.8068	16.270

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00222	5.2107	5.8384	14.786	-.01446	.02270	.21162
SDev	.00048	.0205	.0061	.003	.00030	.00133	.00012
%RSD	21.594	.39350	.10518	.02335	2.0511	5.8774	.05419
#1	-.00256	5.1962	5.8427	14.783	-.01425	.02176	.21154
#2	-.00188	5.2252	5.8340	14.788	-.01467	.02365	.21170

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0972	.55641	.17218	.20137	-.02665	-.03646
SDev	.0010	.00233	.00568	.00307	.00208	.00085
%RSD	.09497	.41883	3.3007	1.5220	7.8067	2.3272
#1	1.0965	.55476	.16816	.20354	-.02812	-.03586
#2	1.0979	.55805	.17620	.19920	-.02518	-.03706

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29245	--	--	--	--	--	--
SDev	96.16652	--	--	--	--	--	--
%RSD	.3288307	--	--	--	--	--	--
#1	29177	--	--	--	--	--	--
#2	29313	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 11:43:00
Comment: TRACE 61E

Analysis Report Blank Sample 01/21/12 11:46:48 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4372	.49830	.49264	.49784	.47957	.49821	.50018
SDev	.0038	.00008	.00172	.00036	.00167	.00197	.00098
%RSD	.15672	.01574	.34917	.07183	.34730	.39532	.19551
#1	2.4399	.49836	.49386	.49758	.47839	.49682	.49949
#2	2.4345	.49825	.49142	.49809	.48075	.49961	.50088

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.704	.47723	.47356	.48291	2.5401	.46254	.48515
SDev	.285	.00072	.00102	.00058	.0104	.00042	.00163
%RSD	2.2436	.15016	.21454	.11975	.40840	.09056	.33704
#1	12.905	.47672	.47285	.48250	2.5474	.46225	.48399
#2	12.502	.47774	.47428	.48332	2.5328	.46284	.48631

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48674	4.7979	.47863	.50237	.50566	12.036	.94799
SDev	.00447	.0065	.00156	.00425	.00293	.019	.01574
%RSD	.91747	.13577	.32651	.84653	.57909	.15864	1.6600
#1	.48358	4.7933	.47973	.49936	.50359	12.022	.95911
#2	.48989	4.8025	.47752	.50538	.50773	12.049	.93686

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24368	12.505	11.899	.24776	.51335	.48928	.50024
SDev	.00094	.005	.001	.00031	.00515	.00054	.00157
%RSD	.38417	.04143	.00691	.12619	1.0043	.11117	.31422
#1	.24302	12.501	11.900	.24798	.50970	.48889	.49913
#2	.24434	12.508	11.899	.24754	.51699	.48966	.50135

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48692	.50201	.46242	.49652	.46332	.49850
SDev	.00041	.00050	.00373	.00059	.00194	.00573
%RSD	.08502	.09983	.80730	.11807	.41971	1.1487
#1	.48663	.50165	.45978	.49610	.46195	.49445
#2	.48721	.50236	.46506	.49693	.46470	.50255

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29162	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.2934003	--	--	--	--	--	--
#1	29222	--	--	--	--	--	--
#2	29101	--	--	--	--	--	--

Analysis Report Blank Sample 01/21/12 11:46:48 AM page 15

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 11:46:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03238	.00137	-.00046	.00109	-.00008	.00770	.00052
SDev	.00001	.00082	.00045	.00017	.00008	.00025	.00011
%RSD	.02593	59.708	99.399	15.227	99.376	3.2683	22.182
#1	.03238	.00194	-.00078	.00121	-.00002	.00752	.00060

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 #2      .03239    .00079    -.00014   .00098    -.00013   .00788    .00043

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .07039    .00053    .00053    -.00069   .01048    .00052    .00047
 SDev    .01734    .00007    .00004     .00011   .00311    .00010    .00111
 %RSD    24.632    12.583    7.0781    15.993    29.634    18.989    237.24

 #1      .08265    .00058    .00050    -.00077   .00828    .00059    -.00032
 #2      .05813    .00048    .00056    -.00061   .01267    .00045    .00125

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00021    .01154    .00079    .00205    -.00033   .02163    .00091
 SDev    .00033    .00235    .00020    .00063     .00000   .00709    .00083
 %RSD    156.27    20.355    25.291    30.753    .15999    32.805    90.523

 #1      -.00002   .01320    .00093    .00250    -.00033   .02665    .00150
 #2      .00044    .00988    .00064    .00161    -.00033   .01661    .00033

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00036    .03914    .03197    .00082    .00168    .00010    .00048
 SDev    .00014    .03681    .00414    .00019    .00069    .00123    .00006
 %RSD    38.083    94.041    12.954    22.977    40.814    1195.6    12.354

 #1      .00026    .01311    .03490    .00095    .00120    -.00077   .00052
 #2      .00046    .06517    .02904    .00069    .00217    .00097    .00044

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00031    -.00425   .00349    -.00105   .00096    -.00016
 SDev    .00016     .00007   .00376     .00022   .00118     .00010
 %RSD    54.158    1.7442    107.66    21.194    123.99    62.464

 #1      .00042    -.00420   .00083    -.00089   .00012    -.00009
 #2      .00019    -.00430   .00615    -.00120   .00179    -.00024


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    29506     --        --        --        --        --        --
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 SDev    51.61879  --        --        --        --        --        --
 %RSD    .1749404  --        --        --        --        --        --

 #1      29470     --        --        --        --        --        --
 #2      29543     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-48724-b-6-a        Operator: SRP
Run Time: 01/21/12 11:50:42
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    75.856    .00393    .27532    1.2799    .00791    .05248    .01786
 SDev      .185    .00178    .00101     .0041    .00002    .00017    .00001
```

%RSD	.24357	45.209	.36685	.31954	.18520	.33186	.07678
#1	75.725	.00267	.27461	1.2770	.00790	.05236	.01785
#2	75.986	.00518	.27604	1.2828	.00792	.05260	.01787

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1657.3	.12830	.10231	.15089	189.08	.07742	.17976
SDev	.7	.00017	.00049	.00068	.41	.00028	.00128
%RSD	.04138	.13520	.48107	.44727	.21894	.36398	.71480
#1	1656.8	.12817	.10196	.15041	188.79	.07722	.17885
#2	1657.8	.12842	.10266	.15137	189.38	.07762	.18067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02361	19.981	10.781	.02595	.25631	13.772	25.833
SDev	.00379	.034	.023	.00038	.00080	.029	.100
%RSD	16.058	.17063	.21150	1.4624	.31345	.21315	.38832
#1	-.02093	19.957	10.765	.02622	.25688	13.751	25.762
#2	-.02629	20.005	10.797	.02568	.25575	13.793	25.904

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00357	6.7656	7.7962	12.409	-.00479	.02457	.36056
SDev	.00027	.0637	.0195	.043	.00010	.00043	.00104
%RSD	7.6714	.94105	.25005	.35012	2.0191	1.7425	.28836
#1	-.00377	6.7206	7.7824	12.378	-.00486	.02488	.35982
#2	-.00338	6.8106	7.8100	12.439	-.00472	.02427	.36129

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80065	.53901	.15425	.19252	-.00556	-.03263
SDev	.00154	.00142	.00206	.00090	.00528	.00305
%RSD	.19189	.26389	1.3347	.46648	94.959	9.3412
#1	.79956	.53800	.15279	.19188	-.00183	-.03048
#2	.80173	.54001	.15570	.19315	-.00929	-.03479

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31989	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.1193653	--	--	--	--	--	--
#1	32016	--	--	--	--	--	--
#2	31962	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-a-6-a ms Operator: SRP
Run Time: 01/21/12 11:54:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	231.46	.20222	1.0178	2.1899	.38807	.61071	.38305
SDev	.13	.00000	.0026	.0008	.00017	.00067	.00034
%RSD	.05464	.00067	.25067	.03858	.04312	.10927	.08751
#1	231.55	.20222	1.0196	2.1905	.38819	.61119	.38281
#2	231.37	.20222	1.0160	2.1893	.38795	.61024	.38329

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1138.1	.96306	.83866	.95918	258.51	.71944	.92904
SDev	1.0	.00014	.00032	.00018	.17	.00029	.00027
%RSD	.08676	.01465	.03787	.01922	.06757	.04072	.02936
#1	1138.8	.96316	.83888	.95905	258.63	.71965	.92884
#2	1137.4	.96296	.83843	.95931	258.38	.71923	.92923

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76211	36.229	9.6069	.67424	.97856	38.469	17.750
SDev	.00055	.039	.0069	.00121	.00145	.013	.008
%RSD	.07165	.10636	.07130	.18027	.14829	.03277	.04258
#1	.76172	36.256	9.6118	.67338	.97958	38.478	17.745
#2	.76249	36.202	9.6021	.67510	.97753	38.460	17.755

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43754	14.381	16.151	5.8982	.79772	.70828	.65312
SDev	.00060	.002	.012	.0020	.00199	.00106	.00043
%RSD	.13721	.01284	.07696	.03336	.24920	.14944	.06545
#1	.43797	14.380	16.160	5.8996	.79631	.70902	.65343
#2	.43712	14.382	16.142	5.8968	.79912	.70753	.65282

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5081	1.2506	.83433	.97639	.73318	.77657
SDev	.0014	.0010	.00161	.00040	.00282	.00059
%RSD	.09332	.07935	.19339	.04072	.38480	.07618

#1	1.5091	1.2513	.83319	.97667	.73118	.77699
#2	1.5071	1.2499	.83547	.97611	.73517	.77615

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31275	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1492216	--	--	--	--	--	--
#1	31242	--	--	--	--	--	--
#2	31308	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-a-6-b msd Operator: SRP
Run Time: 01/21/12 11:58:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.270	.43378	1.0749	1.6615	.33900	.81122	.35850
SDev	.073	.00181	.0054	.0003	.00005	.00148	.00003
%RSD	.12690	.41730	.50247	.01572	.01453	.18269	.00897
#1	57.321	.43250	1.0710	1.6613	.33904	.81017	.35852
#2	57.218	.43506	1.0787	1.6616	.33897	.81227	.35847

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1773.8	.76697	.75442	.96722	196.42	.57092	.84717
SDev	.7	.00015	.00048	.00014	.04	.00027	.00258
%RSD	.04125	.01910	.06408	.01435	.02173	.04731	.30488
#1	1774.3	.76687	.75408	.96732	196.39	.57111	.84899
#2	1773.3	.76708	.75477	.96712	196.45	.57073	.84534

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70748	186.01	11.501	.75445	.93804	24.541	19.208
SDev	.00134	.00	.001	.00215	.00115	.030	.001
%RSD	.18880	.00211	.00437	.28543	.12305	.12097	.00630
#1	.70843	186.01	11.501	.75293	.93886	24.562	19.207
#2	.70654	186.01	11.502	.75597	.93722	24.520	19.209

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44617	15.730	18.292	12.729	.74666	.73813	.80099
SDev	.00012	.095	.019	.001	.00135	.00120	.00011
%RSD	.02682	.60434	.10298	.00608	.18068	.16193	.01392
#1	.44608	15.662	18.306	12.730	.74761	.73897	.80091
#2	.44625	15.797	18.279	12.728	.74570	.73728	.80106

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6438	1.2560	.79014	.87568	.68798	.71723
SDev	.0007	.0001	.00146	.00314	.00892	.00246
%RSD	.04144	.00492	.18503	.35894	1.2971	.34274
#1	1.6443	1.2560	.79118	.87790	.69429	.71549
#2	1.6433	1.2560	.78911	.87346	.68167	.71897

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29490	--	--	--	--	--	--
SDev	21.21320	--	--	--	--	--	--
%RSD	.0719335	--	--	--	--	--	--
#1	29475	--	--	--	--	--	--
#2	29505	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-7-a Operator: SRP
Run Time: 01/21/12 12:02:16

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.754	.00710	.31778	1.3545	.00513	.05598	.01369
SDev	.166	.00058	.00075	.0049	.00002	.00059	.00007
%RSD	.34112	8.1583	.23694	.36423	.30558	1.0576	.53415
#1	48.871	.00669	.31831	1.3580	.00512	.05640	.01364
#2	48.636	.00751	.31725	1.3510	.00514	.05556	.01375

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1825.4	.09218	.11424	.12999	173.47	.05460	.16921
SDev	.4	.00028	.00009	.00000	.25	.00026	.00010
%RSD	.02224	.29910	.08006	.00056	.14376	.48306	.05663
#1	1825.7	.09238	.11418	.12999	173.64	.05478	.16928
#2	1825.1	.09199	.11431	.12999	173.29	.05441	.16915

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02037	17.015	13.257	.02906	.25913	13.649	19.145
SDev	.00129	.015	.013	.00162	.00124	.057	.038
%RSD	6.3233	.08904	.09685	5.5929	.47815	.42098	.20093
#1	-.01946	17.026	13.266	.03021	.26001	13.689	19.172
#2	-.02128	17.005	13.248	.02791	.25825	13.608	19.118

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	6.4547	7.3137	12.736	-.00316	.02749	.29212
SDev	.00030	.1954	.0311	.033	.00797	.00137	.00088
%RSD	10.538	3.0279	.42569	.25953	252.32	4.9922	.30196

#1	-.00265	6.5929	7.3357	12.759	.00248	.02847	.29275
#2	-.00307	6.3165	7.2917	12.712	-.00880	.02652	.29150

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81781	.54766	.15038	.17863	-.00878	-.02617
SDev	.00125	.00080	.00117	.00044	.00234	.00076
%RSD	.15296	.14624	.77873	.24733	26.641	2.9159
#1	.81869	.54823	.15121	.17832	-.00712	-.02563
#2	.81693	.54709	.14955	.17894	-.01043	-.02671

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28825	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.2502164	--	--	--	--	--	--
#1	28774	--	--	--	--	--	--
#2	28876	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-8-a Operator: SRP
Run Time: 01/21/12 12:06:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.160	.00279	.14309	.72403	.00595	.05623	.01590
SDev	.114	.00140	.00162	.00136	.00001	.00061	.00005
%RSD	.16737	50.239	1.1326	.18773	.24273	1.0907	.28204
#1	68.079	.00378	.14424	.72307	.00594	.05580	.01593
#2	68.241	.00180	.14195	.72499	.00596	.05666	.01587

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1793.0	.12574	.09241	.13175	206.76	.07963	.16649
SDev	7.9	.00068	.00017	.00033	.65	.00001	.00141
%RSD	.43880	.53670	.18716	.25054	.31388	.01381	.84698
#1	1787.5	.12527	.09253	.13152	206.31	.07962	.16549
#2	1798.6	.12622	.09229	.13198	207.22	.07964	.16749

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02399	17.374	10.222	.01233	.28273	14.658	17.008
SDev	.00173	.052	.032	.00005	.00102	.001	.043
%RSD	7.2202	.29684	.31387	.37209	.36082	.00615	.25292
#1	-.02521	17.338	10.199	.01230	.28201	14.659	16.978
#2	-.02276	17.411	10.245	.01236	.28345	14.657	17.038

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00316	4.3399	5.1071	13.710	.00098	.02696	.31084
SDev	.00040	.0399	.0017	.031	.00229	.00094	.00092
%RSD	12.753	.91879	.03339	.22425	233.12	3.5049	.29684
#1	-.00288	4.3681	5.1059	13.689	-.00064	.02629	.31018
#2	-.00345	4.3117	5.1083	13.732	.00260	.02762	.31149

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58270	.54681	.14263	.17842	-.00938	-.03129
SDev	.00172	.00167	.00037	.00193	.00122	.00321
%RSD	.29586	.30585	.26202	1.0808	12.992	10.250
#1	.58148	.54562	.14236	.17706	-.00852	-.03356
#2	.58392	.54799	.14289	.17978	-.01024	-.02903

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29161	--	--	--	--	--	--
SDev	110.3087	--	--	--	--	--	--
%RSD	.3782746	--	--	--	--	--	--
#1	29239	--	--	--	--	--	--

#2	29083	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48724-b-9-a Operator: SRP
Run Time: 01/21/12 12:09:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.959	.00328	.16733	.69912	.00552	.05261	.01218
SDev	.048	.00414	.00079	.00090	.00002	.00017	.00006
%RSD	.09354	126.27	.47126	.12837	.34806	.33193	.52447
#1	50.992	.00035	.16789	.69975	.00553	.05274	.01214
#2	50.925	.00621	.16677	.69848	.00551	.05249	.01223

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1723.8	.09808	.09363	.11835	133.14	.05821	.17787
SDev	3.3	.00006	.00043	.00044	.18	.00007	.00033
%RSD	.19246	.06382	.46010	.37604	.13478	.11293	.18646
#1	1726.2	.09804	.09393	.11867	133.27	.05826	.17810
#2	1721.5	.09813	.09332	.11804	133.01	.05817	.17763

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01397	16.056	9.5252	.02291	.24012	11.725	16.944
SDev	.00036	.023	.0127	.00047	.00137	.015	.008
%RSD	2.5834	.14103	.13376	2.0733	.57094	.12438	.04693
#1	-.01422	16.072	9.5342	.02258	.24109	11.735	16.950

#2	-.01371	16.040	9.5162	.02325	.23915	11.714	16.939

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	4.6586	5.3107	12.137	-.00419	.03172	.27703
SDev	.00024	.0831	.0034	.015	.00030	.00163	.00036
%RSD	10.614	1.7846	.06476	.12239	7.0714	5.1438	.12926
#1	-.00212	4.7174	5.3131	12.148	-.00440	.03287	.27728
#2	-.00246	4.5998	5.3082	12.127	-.00398	.03056	.27677

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47687	.55177	.15532	.18914	-.00251	-.01970
SDev	.00036	.00161	.00071	.00085	.00672	.00282
%RSD	.07529	.29266	.45922	.45157	267.98	14.307
#1	.47712	.55291	.15481	.18975	-.00726	-.01770
#2	.47661	.55062	.15582	.18854	.00224	-.02169

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29322	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2266832	--	--	--	--	--	--

#1	29275	--	--	--	--	--	--
#2	29369	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-2-a Operator: SRP
Run Time: 01/21/12 12:13:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.885	.00156	.01528	.86885	.00581	.02697	.00101
SDev	.610	.00169	.00233	.00750	.00000	.00021	.00013
%RSD	.69399	108.55	15.236	.86319	.05594	.77254	12.509
#1	87.453	.00276	.01693	.86355	.00581	.02683	.00092
#2	88.316	.00036	.01364	.87416	.00581	.02712	.00110

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.880	.08890	.05824	.06499	108.54	.07941	.12874
SDev	.134	.00022	.00016	.00034	.17	.00077	.00020
%RSD	.44899	.24865	.27807	.51495	.15634	.96973	.15386
#1	29.975	.08906	.05836	.06476	108.66	.07887	.12860
#2	29.785	.08875	.05813	.06523	108.42	.07996	.12888

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00704	21.567	1.4219	.00031	.13673	12.694	23.322

SDev	.00032	.036	.0010	.00049	.00016	.137	.056
%RSD	4.6171	.16852	.06709	159.06	.11587	1.0829	.24141
#1	-.00727	21.592	1.4226	.00065	.13684	12.597	23.282
#2	-.00681	21.541	1.4213	-.00004	.13662	12.791	23.362

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00277	6.3408	6.4080	.20301	-.00635	.02761	.41239
SDev	.00034	.0333	.0583	.00167	.00067	.00041	.00160
%RSD	12.299	.52441	.90980	.82100	10.568	1.4717	.38838
#1	-.00253	6.3172	6.3668	.20183	-.00588	.02790	.41126
#2	-.00301	6.3643	6.4493	.20419	-.00683	.02733	.41352

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13652	.19643	.10572	.14025	-.00711	-.00700
SDev	.00009	.00046	.00238	.00148	.00338	.00218
%RSD	.06791	.23394	2.2471	1.0588	47.455	31.093
#1	.13645	.19676	.10740	.13920	-.00473	-.00853
#2	.13658	.19611	.10404	.14130	-.00950	-.00546

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	31736	--	--	--	--	--	--
SDev	165.4630	--	--	--	--	--	--
%RSD	.5213731	--	--	--	--	--	--
#1	31619	--	--	--	--	--	--
#2	31853	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-2-b du Operator: SRP
Run Time: 01/21/12 12:17:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.847	.00299	.02327	.74603	.00612	.02776	.00106
SDev	.057	.00088	.00068	.00048	.00000	.00019	.00005
%RSD	.06841	29.535	2.9238	.06384	.03725	.68247	4.4414
#1	82.887	.00236	.02375	.74637	.00612	.02762	.00103
#2	82.807	.00361	.02278	.74570	.00613	.02789	.00110

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.031	.10013	.03800	.07039	119.47	.07422	.09284
SDev	.023	.00009	.00020	.00036	.05	.00012	.00001
%RSD	.08493	.08609	.53993	.51676	.04269	.16305	.00523
#1	27.015	.10007	.03786	.07013	119.44	.07431	.09284

#2	27.048	.10019	.03815	.07065	119.51	.07414	.09284

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00696	20.199	.82804	.00105	.13056	12.179	15.540
SDev	.00124	.001	.00023	.00019	.00022	.022	.006
%RSD	17.805	.00277	.02838	18.432	.17042	.17909	.04113
#1	-.00784	20.199	.82787	.00119	.13040	12.194	15.544
#2	-.00609	20.198	.82820	.00092	.13072	12.163	15.535

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00215	5.4522	5.6402	.18710	-.00374	.02631	.44286
SDev	.00018	.0453	.0044	.00009	.00039	.00137	.00008
%RSD	8.4463	.83067	.07745	.04560	10.411	5.2088	.01885
#1	-.00228	5.4842	5.6433	.18704	-.00401	.02728	.44280
#2	-.00202	5.4202	5.6371	.18716	-.00346	.02534	.44291

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16822	.24024	.07327	.10263	-.00439	-.00825
SDev	.00015	.00057	.00066	.00034	.00214	.00293
%RSD	.08887	.23939	.89914	.32805	48.735	35.490
#1	.16833	.23984	.07373	.10239	-.00287	-.01032
#2	.16811	.24065	.07280	.10287	-.00590	-.00618

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32052	--	--	--	--	--	--
SDev	55.86144	--	--	--	--	--	--
%RSD	.1742811	--	--	--	--	--	--
#1	32013	--	--	--	--	--	--
#2	32092	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-2-c ms Operator: SRP
Run Time: 01/21/12 12:21:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	130.46	.30066	.88716	1.7734	.44032	.74065	.45237
SDev	.32	.00216	.00246	.0043	.00052	.00106	.00004
%RSD	.24475	.71877	.27695	.24004	.11778	.14341	.00895
#1	130.68	.29913	.88543	1.7764	.43995	.74140	.45234
#2	130.23	.30219	.88890	1.7704	.44068	.73990	.45240

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	39.352	.99253	.89826	.94623	123.89	.56188	.96814
SDev	.038	.00059	.00066	.00201	.04	.00112	.00269
%RSD	.09545	.05910	.07339	.21217	.03293	.19837	.27769
#1	39.325	.99211	.89780	.94765	123.86	.56266	.96624
#2	39.378	.99294	.89873	.94482	123.92	.56109	.97005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81893	33.784	1.7727	.80156	1.0612	26.732	18.409
SDev	.00514	.006	.0005	.00240	.0020	.071	.004
%RSD	.62751	.01694	.02914	.29983	.18836	.26693	.02087
#1	.81529	33.788	1.7724	.79987	1.0627	26.782	18.412
#2	.82256	33.780	1.7731	.80326	1.0598	26.681	18.407

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45253	16.587	16.696	.68993	.93091	.85806	.88932
SDev	.00093	.053	.045	.00136	.00398	.00001	.00002
%RSD	.20464	.31856	.26715	.19705	.42802	.00059	.00174
#1	.45318	16.625	16.728	.69089	.92809	.85806	.88934
#2	.45187	16.550	16.665	.68897	.93373	.85806	.88931

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99542	1.1482	.89031	1.0071	.77527	.84076
SDev	.00000	.0009	.00244	.0053	.00060	.00741
%RSD	.00023	.08221	.27408	.52159	.07786	.88093
#1	.99541	1.1476	.89204	1.0033	.77484	.83552
#2	.99542	1.1489	.88859	1.0108	.77569	.84599

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32028	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.2384399	--	--	--	--	--	--
#1	31974	--	--	--	--	--	--
#2	32082	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-2-d msd Operator: SRP
Run Time: 01/21/12 12:25:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	148.79	.31132	.88175	1.8806	.43946	.71916	.45021
SDev	.26	.00085	.00271	.0031	.00041	.00198	.00093
%RSD	.17647	.27216	.30701	.16725	.09374	.27558	.20675

#1	148.60	.31072	.87983	1.8784	.43917	.71776	.44955
#2	148.97	.31192	.88366	1.8828	.43976	.72056	.45087

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.036	.99951	.89657	.95190	146.63	.58056	.97504
SDev	.085	.00147	.00062	.00134	.28	.00035	.00173
%RSD	.19752	.14760	.06870	.14041	.19141	.06057	.17725
#1	42.976	.99846	.89613	.95096	146.44	.58031	.97382
#2	43.096	1.0006	.89700	.95285	146.83	.58081	.97626

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80870	37.492	1.9363	.78817	1.0721	29.277	15.887
SDev	.00016	.067	.0036	.00289	.0036	.006	.041
%RSD	.01962	.17879	.18661	.36690	.33400	.02096	.25972
#1	.80859	37.444	1.9338	.78613	1.0696	29.272	15.858
#2	.80882	37.539	1.9389	.79022	1.0746	29.281	15.917

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45131	17.560	17.900	.71930	.92323	.84370	.91773
SDev	.00148	.105	.012	.00145	.01134	.00496	.00126
%RSD	.32824	.59526	.06644	.20087	1.2281	.58850	.13772
#1	.45027	17.486	17.892	.71828	.91522	.84019	.91684
#2	.45236	17.634	17.909	.72032	.93125	.84721	.91862

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0122	1.1472	.88649	1.0193	.75647	.83482
SDev	.0020	.0012	.00537	.0001	.00026	.00011
%RSD	.19420	.10602	.60557	.00901	.03402	.01311

#1	1.0108	1.1463	.88269	1.0194	.75629	.83474
#2	1.0136	1.1480	.89028	1.0193	.75665	.83490

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31864	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0687923	--	--	--	--	--	--
#1	31880	--	--	--	--	--	--
#2	31849	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 12:29:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4784	.50501	.50520	.50613	.47924	.50621	.50937
SDev	.0081	.00225	.00039	.00109	.00009	.00047	.00001
%RSD	.32558	.44623	.07760	.21578	.01929	.09370	.00190
#1	2.4841	.50341	.50548	.50536	.47931	.50588	.50936
#2	2.4727	.50660	.50492	.50690	.47918	.50655	.50937

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.491	.47849	.47463	.48281	2.5424	.47022	.49059
SDev	.013	.00035	.00006	.00060	.0143	.00150	.00067
%RSD	.10608	.07233	.01334	.12367	.56248	.31991	.13724
#1	12.500	.47873	.47467	.48239	2.5525	.46915	.49106
#2	12.482	.47824	.47458	.48323	2.5323	.47128	.49011

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49752	4.8170	.47948	.51026	.51346	12.230	.96920
SDev	.00123	.0003	.00020	.00311	.00010	.046	.01691
%RSD	.24780	.00570	.04131	.61036	.01972	.37929	1.7449
#1	.49839	4.8168	.47962	.51247	.51353	12.198	.98116
#2	.49665	4.8172	.47934	.50806	.51339	12.263	.95725

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24463	12.518	12.073	.25251	.52928	.49183	.50503
SDev	.00035	.035	.053	.00060	.00310	.00137	.00031
%RSD	.14445	.28153	.43893	.23890	.58611	.27774	.06059
#1	.24438	12.493	12.036	.25208	.53148	.49087	.50481
#2	.24488	12.543	12.111	.25293	.52709	.49280	.50525

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.48908	.50908	.46199	.50488	.46570	.51349
SDev	.00012	.00021	.00044	.00123	.00201	.00286
%RSD	.02414	.04197	.09457	.24330	.43272	.55636
#1	.48916	.50923	.46169	.50575	.46427	.51551
#2	.48899	.50893	.46230	.50401	.46712	.51147

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29217	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.2129767	--	--	--	--	--	--
#1	29261	--	--	--	--	--	--
#2	29173	--	--	--	--	--	--

01/21/12 12:36:54 PM page 28

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 12:33:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04525	.00221	.00212	.00024	-.00043	.00627	.00016
SDev	.00349	.00190	.00077	.00007	.00009	.00008	.00003
%RSD	7.7169	85.676	36.268	28.792	20.271	1.2142	18.130
#1	.04278	.00087	.00266	.00029	-.00037	.00632	.00014
#2	.04771	.00356	.00158	.00019	-.00049	.00622	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00464	.00046	.00039	-.00081	.00714	.00002	.00096
SDev	.00072	.00014	.00009	.00007	.00355	.00001	.00064
%RSD	15.596	30.741	21.743	8.9232	49.748	41.755	67.560
#1	.00516	.00036	.00045	-.00076	.00463	.00002	.00141
#2	.00413	.00056	.00033	-.00086	.00965	.00003	.00050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00220	.00025	.00123	-.00036	-.02561	.00633
SDev	.00011	.00286	.00002	.00070	.00017	.02155	.00050
%RSD	60.326	130.35	8.2298	57.075	47.689	84.156	7.9648
#1	.00027	.00017	.00026	.00173	-.00049	-.04085	.00597
#2	.00011	.00422	.00024	.00073	-.00024	-.01037	.00668

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.03317	.01099	.00018	.00288	-.00189	.00036
SDev	.00025	.01161	.00098	.00002	.00352	.00078	.00003
%RSD	87.770	35.005	8.9022	9.7238	122.43	41.169	8.4696
#1	.00011	.02496	.01030	.00020	.00537	-.00134	.00038
#2	.00046	.04138	.01168	.00017	.00039	-.00245	.00034

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00450	.00280	.00003	.00231	-.00088
SDev	.00016	.00000	.00263	.00035	.00008	.00021
%RSD	52.736	.06805	93.953	1079.8	3.5739	24.061
#1	.00019	-.00450	.00466	-.00021	.00226	-.00073
#2	.00042	-.00450	.00094	.00028	.00237	-.00103

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29041	--	--	--	--	--	--
SDev	439.8204	--	--	--	--	--	--
%RSD	1.514481	--	--	--	--	--	--

#1	29352	--	--	--	--	--	--
#2	28730	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-6-a Operator: SRP
Run Time: 01/21/12 12:36:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.226	.00161	.00885	.32863	.00221	.01493	.00016
SDev	.009	.00136	.00251	.00027	.00002	.00046	.00005
%RSD	.02699	84.372	28.396	.08242	.96376	3.0484	32.526
#1	33.232	.00258	.00707	.32882	.00219	.01461	.00020
#2	33.219	.00065	.01063	.32844	.00222	.01525	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.0705	.03327	.03074	.02357	32.607	.01756	.03572
SDev	.0419	.00009	.00022	.00027	.117	.00000	.00044
%RSD	.51978	.25475	.71513	1.1395	.35989	.02120	1.2176
#1	8.0408	.03321	.03090	.02338	32.524	.01756	.03541
#2	8.1002	.03333	.03059	.02376	32.690	.01756	.03603

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00133	5.0718	.21183	.00058	.03338	4.2707	17.914
SDev	.00364	.0194	.00073	.00010	.00022	.0032	.039
%RSD	274.30	.38202	.34273	16.874	.67493	.07486	.21699
#1	.00125	5.0581	.21132	.00051	.03322	4.2730	17.886
#2	-.00390	5.0855	.21234	.00065	.03354	4.2684	17.941

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	.56334	.66497	.04957	-.00447	.02765	.25509
SDev	.00036	.06528	.00111	.00004	.00201	.00014	.00021
%RSD	68.674	11.588	.16686	.08127	44.908	.51031	.08196

#1	-.00027	.60950	.66576	.04959	-.00589	.02755	.25494
#2	-.00078	.51718	.66419	.04954	-.00305	.02775	.25524

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03981	.07287	.03213	.03752	-.00132	-.00133
SDev	.00003	.00062	.00012	.00071	.00440	.00325
%RSD	.07240	.84760	.37965	1.9015	333.21	244.98
#1	.03979	.07243	.03222	.03701	.00179	.00097
#2	.03983	.07330	.03204	.03802	-.00443	-.00363

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/21/12 12:40:45 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31424	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0697555	--	--	--	--	--	--
#1	31440	--	--	--	--	--	--
#2	31409	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-8-a Operator: SRP
Run Time: 01/21/12 12:40:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.244	.00280	.01144	.44639	.00267	.01347	.00019
SDev	.026	.00203	.00065	.00084	.00000	.00024	.00010
%RSD	.12849	72.561	5.6725	.18914	.08879	1.8226	51.768
#1	20.262	.00424	.01098	.44699	.00266	.01364	.00026
#2	20.225	.00136	.01190	.44580	.00267	.01329	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9418	.02363	.01392	.01971	31.919	.00870	.02322
SDev	.0045	.00003	.00002	.00003	.009	.00001	.00044
%RSD	.09083	.12597	.13409	.13593	.02959	.07911	1.8813
#1	4.9386	.02366	.01391	.01973	31.912	.00870	.02291
#2	4.9450	.02361	.01393	.01969	31.926	.00871	.02353

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	2.2455	.16350	.00226	.03373	2.3684	12.266
SDev	.00067	.0008	.00005	.00032	.00023	.0036	.016
%RSD	59.789	.03710	.03222	14.421	.67552	.15274	.13319
#1	-.00065	2.2461	.16346	.00249	.03389	2.3659	12.278
#2	-.00161	2.2449	.16353	.00203	.03357	2.3710	12.255

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00063	1.0771	1.1242	.02970	-.00128	.02742	.23610

SDev	.00049	.0125	.0003	.00001	.00193	.00068	.00013
%RSD	78.022	1.1608	.02840	.04164	151.08	2.4894	.05324
#1	-.00028	1.0859	1.1244	.02970	-.00264	.02790	.23619
#2	-.00098	1.0683	1.1239	.02969	.00009	.02694	.23601

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06125	.05469	.02173	.02396	-.00193	-.00073
SDev	.00015	.00032	.00036	.00083	.00002	.00102
%RSD	.25320	.58694	1.6333	3.4749	1.0905	140.76
#1	.06136	.05446	.02198	.02337	-.00195	-.00000

#2	.06114	.05491	.02148	.02455	-.00192	-.00145

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31088	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1250973	--	--	--	--	--	--
#1	31061	--	--	--	--	--	--
#2	31116	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-10-a Operator: SRP
Run Time: 01/21/12 12:44:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	202.86	.00536	.06663	1.4568	.01323	.08076	.00562
SDev	.06	.00191	.00160	.0003	.00002	.00050	.00031
%RSD	.03110	35.660	2.3975	.02382	.10978	.62081	5.5901
#1	202.90	.00401	.06550	1.4566	.01322	.08112	.00585
#2	202.82	.00672	.06776	1.4571	.01324	.08041	.00540

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	385.54	.26232	.08773	.18475	278.89	.30110	.12634
SDev	.07	.00045	.00011	.00027	.06	.00003	.00020
%RSD	.01864	.17188	.12927	.14474	.02061	.01090	.16128
#1	385.49	.26264	.08781	.18494	278.85	.30107	.12648
#2	385.59	.26200	.08765	.18456	278.93	.30112	.12619

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01743	84.309	1.8587	.00144	.30470	40.766	16.786
SDev	.00151	.032	.0008	.00053	.00020	.026	.014
%RSD	8.6744	.03778	.04508	37.140	.06610	.06349	.08560
#1	-.01850	84.287	1.8581	.00182	.30484	40.785	16.776
#2	-.01636	84.332	1.8593	.00106	.30455	40.748	16.796

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00379	1.8265	2.6659	.65341	.00137	.03081	.89035
SDev	.00018	.0408	.0022	.00002	.00326	.00121	.00058
%RSD	4.7286	2.2353	.08441	.00292	237.30	3.9428	.06505
#1	-.00366	1.8553	2.6644	.65343	.00367	.03166	.89076
#2	-.00391	1.7976	2.6675	.65340	-.00093	.02995	.88994

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36145	.76309	.08156	.14872	-.00842	-.02193

SDev	.00001	.00020	.00067	.00003	.00056	.00255
%RSD	.00347	.02576	.82320	.02023	6.6701	11.619
#1	.36146	.76295	.08204	.14870	-.00802	-.02374
#2	.36144	.76323	.08109	.14874	-.00882	-.02013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30462	--	--	--	--	--	--
SDev	52.32590	--	--	--	--	--	--
%RSD	.1717743	--	--	--	--	--	--
#1	30425	--	--	--	--	--	--
#2	30499	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-15-a Operator: SRP
Run Time: 01/21/12 12:48:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.377	.00379	.03018	1.9288	.00571	.03346	.00131
SDev	.655	.00082	.00036	.0151	.00001	.00090	.00001
%RSD	.80499	21.543	1.2010	.78521	.24634	2.6850	1.0405
#1	80.914	.00321	.03043	1.9181	.00570	.03410	.00130
#2	81.840	.00436	.02992	1.9395	.00572	.03283	.00132

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	337.44	.07944	.03600	.06338	73.496	.06734	.08459
SDev	1.86	.00050	.00003	.00044	.468	.00063	.00041
%RSD	.55190	.62380	.08852	.68726	.63642	.93636	.48591
#1	336.12	.07909	.03602	.06308	73.165	.06689	.08430
#2	338.75	.07979	.03597	.06369	73.827	.06778	.08488

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00441	22.188	1.9907	.00070	.08375	8.7142	22.093
SDev	.00306	.133	.0128	.00015	.00053	.0826	.148
%RSD	69.380	.59909	.64224	21.958	.62963	.94814	.67202
#1	-.00658	22.094	1.9817	.00059	.08337	8.6558	21.988
#2	-.00225	22.282	1.9998	.00081	.08412	8.7727	22.198

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00135	2.0427	2.2414	.37950	-.00443	.02701	.22774
SDev	.00004	.0759	.0243	.00299	.00070	.00069	.00168
%RSD	2.6965	3.7157	1.0840	.78894	15.899	2.5619	.73804
#1	-.00132	2.0964	2.2242	.37738	-.00493	.02750	.22655
#2	-.00138	1.9891	2.2586	.38162	-.00393	.02652	.22893

Analysis Report 01/21/12 12:52:19 PM page 33

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18791	.15266	.06471	.09453	-.00507	-.00409
SDev	.00143	.00093	.00056	.00034	.00018	.00469
%RSD	.76224	.60856	.86120	.35745	3.5752	114.57
#1	.18690	.15201	.06432	.09429	-.00494	-.00740
#2	.18892	.15332	.06511	.09476	-.00519	-.00078

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30524	--	--	--	--	--	--
SDev	157.6848	--	--	--	--	--	--
%RSD	.5165844	--	--	--	--	--	--
#1	30636	--	--	--	--	--	--
#2	30413	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48724-b-6-a Operator: SRP
Run Time: 01/21/12 12:52:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.927	.82054	1.1088	2.0546	.33133	.86037	.35796
SDev	.115	.00374	.0041	.0016	.00068	.00318	.00088
%RSD	.13877	.45530	.37100	.07748	.20605	.36949	.24588
#1	83.008	.81790	1.1059	2.0557	.33085	.85812	.35734
#2	82.846	.82319	1.1117	2.0535	.33181	.86261	.35858

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1643.5	.77878	.73990	.93623	194.00	1.1161	.86051
SDev	7.0	.00250	.00172	.00179	.41	.0023	.00131
%RSD	.42472	.32123	.23316	.19160	.21318	.20610	.15200
#1	1638.5	.77702	.73868	.93750	193.70	1.1177	.85959
#2	1648.4	.78055	.74112	.93496	194.29	1.1145	.86144

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74179	26.025	11.238	.76779	.94690	27.648	26.267
SDev	.00468	.044	.021	.00053	.00296	.117	.033
%RSD	.63070	.16873	.18959	.06904	.31210	.42479	.12736

#1	.73848	25.994	11.223	.76741	.94899	27.731	26.243
#2	.74510	26.056	11.253	.76816	.94481	27.565	26.290

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42428	17.142	20.105	13.139	.75482	.75644	1.0892
SDev	.00004	.136	.055	.020	.00315	.00189	.0009

%RSD	.00991	.79048	.27578	.15480	.41724	.25009	.08501
#1	.42431	17.237	20.144	13.153	.75705	.75511	1.0885
#2	.42425	17.046	20.066	13.125	.75260	.75778	1.0898

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4888	1.2934	.78567	.89793	.71112	.75712
SDev	.0014	.0029	.00066	.00229	.00800	.00302
%RSD	.09199	.22259	.08437	.25540	1.1253	.39845
#1	1.4878	1.2914	.78614	.89631	.70546	.75499
#2	1.4897	1.2955	.78521	.89956	.71678	.75925

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31602	--	--	--	--	--	--
SDev	.7071068	--	--	--	--	--	--
%RSD	.0022376	--	--	--	--	--	--
#1	31602	--	--	--	--	--	--
#2	31601	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48724-b-6-a@5 Operator: SRP
Run Time: 01/21/12 12:56:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.514	.00460	.06101	.29858	.00147	.01648	.00341
SDev	.041	.00047	.00082	.00026	.00007	.00034	.00004
%RSD	.24766	10.262	1.3406	.08796	4.6362	2.0808	1.1678
#1	16.543	.00493	.06043	.29876	.00142	.01672	.00338
#2	16.485	.00427	.06159	.29839	.00152	.01623	.00344

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	715.45	.03122	.02476	.03169	46.479	.01608	.04400
SDev	1.42	.00019	.00017	.00013	.070	.00016	.00153
%RSD	.19862	.60267	.70229	.39853	.15095	.99583	3.4844
#1	714.44	.03109	.02463	.03160	46.430	.01596	.04292
#2	716.45	.03136	.02488	.03178	46.529	.01619	.04508

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00106	4.9913	2.7228	.00776	.06458	2.2597	5.6706
SDev	.00148	.0046	.0031	.00160	.00092	.0010	.0160

%RSD	139.21	.09275	.11390	20.564	1.4173	.04482	.28278
#1	-.00002	4.9880	2.7206	.00889	.06393	2.2589	5.6820
#2	-.00211	4.9945	2.7250	.00663	.06523	2.2604	5.6593

Analysis Report 01/21/12 01:00:02 PM page 35

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	1.4505	1.4840	2.5132	.00013	.00508	.08493
SDev	.00005	.0267	.0032	.0021	.00111	.00104	.00005
%RSD	8.0739	1.8385	.21295	.08501	870.62	20.501	.06217
#1	-.00072	1.4694	1.4862	2.5147	.00091	.00434	.08490
#2	-.00064	1.4317	1.4817	2.5117	-.00066	.00581	.08497

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18820	.12257	.03929	.04635	.00623	-.00471
SDev	.00018	.00010	.00138	.00161	.00076	.00184
%RSD	.09472	.07879	3.5069	3.4749	12.190	39.083
#1	.18807	.12264	.03832	.04521	.00676	-.00341
#2	.18832	.12250	.04027	.04749	.00569	-.00601

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28891	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.1027949	--	--	--	--	--	--
#1	28912	--	--	--	--	--	--
#2	28870	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/21/12 13:00:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13255	.01179	.01023	.01059	.00433	.01487	.00544
SDev	.00764	.00091	.00039	.00011	.00003	.00003	.00000
%RSD	5.7643	7.6931	3.8309	1.0774	.66641	.18119	.02339
#1	.13795	.01243	.01051	.01067	.00435	.01489	.00544
#2	.12715	.01115	.00995	.01051	.00431	.01485	.00544

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38370	.00976	.00976	.00833	.12458	.00889	.01094
SDev	.25177	.00011	.00013	.00052	.01006	.00000	.00043
%RSD	65.617	1.1255	1.3109	6.2953	8.0791	.03022	3.9652
#1	.56173	.00984	.00985	.00870	.13169	.00889	.01125
#2	.20567	.00968	.00967	.00796	.11746	.00889	.01064

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00912	.10484	.01100	.01087	.01054	.57186	.01986
SDev	.00155	.00030	.00084	.00100	.00012	.00301	.00702
%RSD	16.957	.28669	7.6214	9.1755	1.1381	.52605	35.382

#1	.00803	.10505	.01160	.01157	.01046	.56973	.02482
#2	.01021	.10463	.01041	.01016	.01063	.57398	.01489

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00522	.59636	.54656	.00591	.01002	.00928	.01038
SDev	.00031	.00672	.00032	.00073	.00067	.00082	.00009
%RSD	5.9814	1.1266	.05861	12.383	6.6946	8.8909	.86953
#1	.00500	.59161	.54679	.00643	.01050	.00986	.01044
#2	.00544	.60111	.54634	.00540	.00955	.00870	.01031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00990	.00599	.01314	.00984	.01161	.00788
SDev	.00015	.00002	.00188	.00159	.00293	.00085
%RSD	1.4829	.40644	14.318	16.172	25.237	10.857
#1	.01001	.00597	.01181	.01097	.00954	.00727
#2	.00980	.00601	.01447	.00872	.01368	.00848

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29526	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.2107478	--	--	--	--	--	--
#1	29570	--	--	--	--	--	--
#2	29482	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/21/12 13:03:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	479.58	-.00100	-.00522	.00165	-.00077	.00223	.00417
SDev	1.62	.00208	.00172	.00001	.00003	.00025	.00015
%RSD	.33762	208.18	32.936	.56644	4.0511	11.329	3.5135
#1	478.44	-.00247	-.00644	.00165	-.00075	.00241	.00406
#2	480.73	.00047	-.00401	.00166	-.00079	.00205	.00427

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	442.80	.00139	-.00002	.01128	188.84	.00447	.00755
SDev	1.29	.00022	.00081	.00003	.48	.00000	.00073
%RSD	.29106	15.846	4983.9	.30995	.25522	.05673	9.7253
#1	441.89	.00123	.00056	.01126	188.50	.00447	.00703
#2	443.71	.00155	-.00059	.01131	189.18	.00447	.00807

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01497	476.06	-.00715	-.00109	-.00005	.07300	.00997
SDev	.00054	1.50	.00000	.00055	.00062	.00006	.00070
%RSD	3.6349	.31567	.03324	50.744	1187.8	.08611	6.9893
#1	-.01458	475.00	-.00715	-.00070	.00038	.07295	.00948
#2	-.01535	477.12	-.00714	-.00148	-.00049	.07304	.01046

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	.04594	.21009	-.00870	.00793	-.00010	-.00255
SDev	.00025	.11465	.01520	.00002	.00343	.00106	.00004
%RSD	36.710	249.55	7.2375	.18601	43.255	1022.2	1.7224
#1	-.00050	.12701	.19934	-.00868	.01035	.00065	-.00258
#2	-.00084	-.03513	.22084	-.00871	.00550	-.00085	-.00252

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00442	-.00299	-.07597	.04931	.00378	-.02434
SDev	.00035	.00012	.00241	.00231	.00084	.00123
%RSD	8.0166	3.8734	3.1676	4.6739	22.126	5.0700
#1	.00417	-.00307	-.07427	.04768	.00319	-.02347
#2	.00467	-.00291	-.07767	.05094	.00437	-.02521

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26632	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1858571	--	--	--	--	--	--
#1	26667	--	--	--	--	--	--
#2	26597	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/21/12 13:07:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	488.22	1.0376	1.0253	1.0311	.44772	1.0380	.47589
SDev	.88	.0007	.0033	.0028	.00098	.0015	.00121
%RSD	.18047	.06639	.31998	.26939	.21866	.14023	.25451
#1	488.84	1.0380	1.0229	1.0331	.44841	1.0391	.47674
#2	487.60	1.0371	1.0276	1.0292	.44703	1.0370	.47503

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	446.45	.89732	.85424	1.0122	196.48	1.2435	.93180
SDev	.73	.00242	.00156	.0028	.38	.0023	.00147
%RSD	.16358	.26922	.18249	.27622	.19270	.18383	.15747

#1	446.97	.89903	.85534	1.0142	196.75	1.2451	.93284
#2	445.94	.89562	.85314	1.0103	196.22	1.2418	.93076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96491	481.32	.90422	.97698	.94452	14.699	.93122
SDev	.00707	1.23	.00242	.00297	.00704	.010	.00223
%RSD	.73311	.25467	.26803	.30387	.74523	.06786	.23956
#1	.96991	482.18	.90593	.97488	.94950	14.706	.93279
#2	.95991	480.45	.90251	.97907	.93955	14.692	.92964

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52059	12.253	13.748	.50227	1.0136	.94736	.96904
SDev	.00093	.006	.002	.00113	.0037	.00488	.00182
%RSD	.17960	.05222	.01783	.22592	.36497	.51568	.18757
#1	.52125	12.249	13.749	.50307	1.0162	.95081	.97033
#2	.51993	12.258	13.746	.50147	1.0109	.94391	.96776

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93350	.99637	.78274	1.0063	.92071	.98701
SDev	.00263	.00340	.00293	.0007	.02003	.00060
%RSD	.28198	.34154	.37433	.07313	2.1750	.06061
#1	.93536	.99878	.78481	1.0068	.93487	.98744
#2	.93164	.99396	.78067	1.0058	.90655	.98659

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26439	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.1444221	--	--	--	--	--	--
#1	26412	--	--	--	--	--	--
#2	26466	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/21/12 13:11:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5283	.51784	.51401	.62939	.48309	.51896	.52281
SDev	.0217	.00179	.00014	.00023	.00129	.00054	.00198
%RSD	.85860	.34632	.02781	.03632	.26660	.10359	.37931
#1	2.5437	.51657	.51411	.62922	.48218	.51858	.52140
#2	2.5130	.51910	.51391	.62955	.48400	.51934	.52421

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.279	.48408	.47993	.48516	2.6274	.48451	.49718
SDev	.029	.00125	.00131	.00072	.0040	.00030	.00092
%RSD	.22157	.25826	.27276	.14868	.15292	.06256	.18552
#1	13.258	.48320	.47901	.48465	2.6303	.48430	.49653
#2	13.300	.48497	.48086	.48567	2.6246	.48473	.49783

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50234	4.9380	.48732	.51833	.53232	12.594	.94296
SDev	.00707	.0059	.00096	.00137	.00199	.021	.00011
%RSD	1.4067	.12035	.19737	.26482	.37475	.16554	.01177
#1	.49735	4.9422	.48664	.51736	.53091	12.580	.94288
#2	.50734	4.9338	.48800	.51930	.53373	12.609	.94304

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24783	14.901	14.126	.41682	.54280	.49985	.51241
SDev	.00056	.020	.038	.00036	.00344	.00244	.00086
%RSD	.22494	.13574	.26885	.08602	.63280	.48826	.16799
#1	.24743	14.886	14.099	.41656	.54037	.50157	.51180
#2	.24822	14.915	14.153	.41707	.54523	.49812	.51302

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49467	.51994	.46511	.51322	.47180	.51767
SDev	.00060	.00145	.00356	.00040	.00706	.00707
%RSD	.12069	.27968	.76580	.07743	1.4959	1.3660
#1	.49425	.51891	.46259	.51350	.46681	.51267
#2	.49509	.52096	.46762	.51294	.47679	.52267

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28635	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.2024891	--	--	--	--	--	--
#1	28676	--	--	--	--	--	--
#2	28594	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/21/12 13:15:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05433	.00155	-.00070	.05695	-.00031	.00784	.00036
SDev	.00201	.00195	.00187	.00011	.00010	.00082	.00004

%RSD	3.6928	125.36	265.39	.19195	32.676	10.430	11.405

#1	.05575	.00018	-.00202	.05703	-.00023	.00842	.00038
#2	.05291	.00293	.00062	.05687	-.00038	.00726	.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30315	.00004	.00062	-.00122	.01647	.00215	.00156
SDev	.00360	.00007	.00004	.00006	.00025	.00003	.00005
%RSD	1.1889	157.35	6.0378	5.1219	1.5117	1.4141	3.1747

#1	.30570	.00009	.00059	-.00126	.01664	.00217	.00159
#2	.30061	-.00000	.00065	-.00117	.01629	.00212	.00152

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.03406	.00101	.00206	-.00023	.06890	-.00815
SDev	.00059	.00392	.00007	.00078	.00002	.01862	.00094
%RSD	144.76	11.506	7.4608	38.050	8.7565	27.029	11.483

#1	.00082	.03129	.00106	.00261	-.00024	.05573	-.00881
#2	-.00001	.03684	.00096	.00150	-.00021	.08207	-.00748

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.92635	.79632	.07819	.00258	.00021	.00028
SDev	.00003	.08712	.00072	.00010	.00237	.00027	.00003
%RSD	5.9843	9.4049	.09015	.12780	91.889	126.98	12.405

#1	.00050	.98796	.79682	.07826	.00426	.00002	.00025
#2	.00046	.86475	.79581	.07812	.00090	.00040	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	-.00416	.00270	.00099	.00037	.00043
SDev	.00024	.00012	.00185	.00100	.00017	.00079
%RSD	162.63	2.8857	68.552	100.98	47.799	186.40

#1	-.00002	-.00407	.00139	.00170	.00049	.00099
#2	.00032	-.00424	.00401	.00028	.00024	-.00014

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28536	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.1015940	--	--	--	--	--	--

#1	28557	--	--	--	--	--	--
#2	28516	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Batch Number: 69977 Batch Start Date: 01/13/12 05:50 Batch Analyst: Lige, Derrick C

Batch Method: 200.7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00035	METHNO3 00025	METSPIKEA 00010	METSPIKEB 00011
MB 600-69977/1		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-69977/2		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL

Batch Notes	

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Batch Number: 69977 Batch Start Date: 01/13/12 05:50 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00035	METHNO3 00025	METSPIKEA 00010
600-48724-B-10	Equipment Blank 5	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48724-B-10 DU	Equipment Blank 5	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48724-B-10 MS	Equipment Blank 5	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48724-B-10 MSD	Equipment Blank 5	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
600-48724-B-10	Equipment Blank 5	3010A, 6010B	T						
600-48724-B-10 DU	Equipment Blank 5	3010A, 6010B	T						
600-48724-B-10 MS	Equipment Blank 5	3010A, 6010B	T	250 uL					
600-48724-B-10 MSD	Equipment Blank 5	3010A, 6010B	T	250 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Batch Number: 70035 Batch Start Date: 01/13/12 15:25 Batch Analyst: Patel, Silen R

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00035	METHNO3 00025	METSLCSS 00016
MB 600-70035/1		3050B, 6010B		1.0 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-70035/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-48724-B-1	2012 - SED - 1	3050B, 6010B	T	1.07 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-B-2	2012 - SED - 2	3050B, 6010B	T	1.09 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-B-3	2012 - SED - 3	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-B-4	2012 - SED - 4	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-B-5	2012 - SED - 5	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-B-6	2012 - SED - 6	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-A-6 MS	2012 - SED - 6	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-A-6 MSD	2012 - SED - 6	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-B-7	2012 - SED - 7	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-B-8	2012 - SED - 8	3050B, 6010B	T	1.08 g	50 mL	4 mL	2.5 mL	5 mL	
600-48724-B-9	2012 - SED - 9	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
MB 600-70035/1		3050B, 6010B							
LCS 600-70035/2		3050B, 6010B							
600-48724-B-1	2012 - SED - 1	3050B, 6010B	T						
600-48724-B-2	2012 - SED - 2	3050B, 6010B	T						
600-48724-B-3	2012 - SED - 3	3050B, 6010B	T						
600-48724-B-4	2012 - SED - 4	3050B, 6010B	T						
600-48724-B-5	2012 - SED - 5	3050B, 6010B	T						
600-48724-B-6	2012 - SED - 6	3050B, 6010B	T						
600-48724-A-6 MS	2012 - SED - 6	3050B, 6010B	T	250 uL	250 uL				
600-48724-A-6 MSD	2012 - SED - 6	3050B, 6010B	T	250 uL	250 uL				
600-48724-B-7	2012 - SED - 7	3050B, 6010B	T						
600-48724-B-8	2012 - SED - 8	3050B, 6010B	T						
600-48724-B-9	2012 - SED - 9	3050B, 6010B	T						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Batch Number: 70035 Batch Start Date: 01/13/12 15:25 Batch Analyst: Patel, Silen R

Batch Method: 3050B Batch End Date:

Batch Notes	
Hood ID or number	m5
Hot Block ID number	hb02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012 - SED - 1	600-48724-1
2012 - SED - 2	600-48724-2
2012 - SED - 3	600-48724-3
2012 - SED - 4	600-48724-4
2012 - SED - 5	600-48724-5
2012 - SED - 6	600-48724-6
2012 - SED - 7	600-48724-7
2012 - SED - 8	600-48724-8
2012 - SED - 9	600-48724-9

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48724-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012 - SED - 1	600-48724-1
2012 - SED - 2	600-48724-2
2012 - SED - 3	600-48724-3
2012 - SED - 4	600-48724-4
2012 - SED - 5	600-48724-5
2012 - SED - 6	600-48724-6
2012 - SED - 7	600-48724-7
2012 - SED - 8	600-48724-8
2012 - SED - 9	600-48724-9
Equipment Blank 5	600-48724-10

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012 - SED - 1 Lab Sample ID: 600-48724-1

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 10:53

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	4.77	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012 - SED - 2 Lab Sample ID: 600-48724-2

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 11:20

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	5.31	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012 - SED - 3 Lab Sample ID: 600-48724-3

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 11:58

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	7.36	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012 - SED - 4 Lab Sample ID: 600-48724-4

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 14:28

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	13.2	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012 - SED - 5 Lab Sample ID: 600-48724-5

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 14:54

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	92.3	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012 - SED - 6 Lab Sample ID: 600-48724-6

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 15:13

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	71.4	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012 - SED - 7 Lab Sample ID: 600-48724-7

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 15:50

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	69.3	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012 - SED - 8 Lab Sample ID: 600-48724-8

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 16:15

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	71.5	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012 - SED - 9 Lab Sample ID: 600-48724-9

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 16:36

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	89.8	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Equipment Blank 5 Lab Sample ID: 600-48724-10

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG ID.:

Matrix: Water Date Sampled: 01/11/2012 16:54

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	0.279	1.00	0.155	mg/L	J		1	9060A

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Analyst: PMP Batch Start Date: 01/20/2012

Reporting Units: g/Kg Analytical Batch No.: 104333

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	14:01	Total Organic Carbon	120.3	120	100	90-110		STOC ICV Std_00001
2	ICB	14:07	Total Organic Carbon	1.70				U	
18	CCV	15:20	Total Organic Carbon	118.6	120	99	90-110		STOC CAL 3_00004
19	CCB	15:25	Total Organic Carbon	1.70				U	
21	CCV	15:32	Total Organic Carbon	120.9	120	101	90-110		STOC CAL 3_00004
22	CCB	15:34	Total Organic Carbon	1.70				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Analyst: GEY Batch Start Date: 01/20/2012

Reporting Units: mg/L Analytical Batch No.: 104369

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	18:20	Total Organic Carbon - Duplicates	20.15	20.0	101	90-110		TOC ICV Daily_00423
2	ICB	19:07	Total Organic Carbon - Duplicates	0.155				U	
12	CCV	22:19	Total Organic Carbon - Duplicates	25.93	25.0	104	90-110		TOC LCS Daily_00423
13	CCB	22:36	Total Organic Carbon - Duplicates	0.155				U	
24	CCV	02:41	Total Organic Carbon - Duplicates	25.17	25.0	101	90-110		TOC LCS Daily_00423
25	CCB	02:59	Total Organic Carbon - Duplicates	0.155				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 104333	Date: 01/20/2012 14:18						
9060A	MB 280-104333/5	Total Organic Carbon	1.70	U	g/Kg	4.00	1
Batch ID: 104369	Date: 01/20/2012 19:58						
9060A	MB 280-104369/5	Total Organic Carbon - Duplicates	0.155	U	mg/L	1.00	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104333		Date: 01/20/2012 14:42									
9060A	600-48724-1	Total Organic Carbon	4.77		g/Kg						
9060A	600-48724-1 MS	Total Organic Carbon	124.3		g/Kg	120	100	46-130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104333 Date: 01/20/2012 14:45											
9060A	600-48724-1 MSD	Total Organic Carbon	127.5		g/Kg	120	102	46-130	3	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104333		Date: 01/20/2012 14:10									
						LCS Source:	STOC LCS Std_00003				
9060A	LCS 280-104333/3	Total Organic Carbon	3.493	J	g/Kg	4.11	85	46-130	14	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104369		Date: 01/20/2012 19:22									
						LCS Source:	TOC LCS Daily_00423				
9060A	LCS 280-104369/3	Total Organic Carbon - Duplicates	25.72		mg/L	25.0	103	88-112	1	15	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104333		Date: 01/20/2012 14:16									
						LCSD Source: STOC LCS Std_00003					
9060A	LCSD 280-104333/4	Total Organic Carbon	3.048	J	g/Kg	4.11	74	46-130	14	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104369		Date: 01/20/2012 19:41									
						LCSD Source: TOC LCS Daily_00423					
9060A	LCSD 280-104369/4	Total Organic Carbon - Duplicates	25.59		mg/L	25.0	102	88-112	1	15	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48724-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48724-1

SDG Number:

Matrix: Solid Instrument ID: WC_Leco

Method: 9060A MDL Date: 05/05/2011 09:17

Analyte	Wavelength/ Mass	RL (g/Kg)	MDL (g/Kg)
Total Organic Carbon		4	1.7

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48724-1

SDG Number:

Matrix: Solid Instrument ID: WC_Leco

Method: 9060A XMDL Date: 03/24/2010 14:20

Analyte	Wavelength/ Mass	XRL (g/Kg)	XMDL (g/Kg)
Total Organic Carbon		4	1.7

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48724-1

SDG Number:

Matrix: Water Instrument ID: WC_SHI2

Method: 9060A MDL Date: 03/28/2011 11:39

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon - Duplicates		1	0.155

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48724-1

SDG Number:

Matrix: Water Instrument ID: WC_SHI2

Method: 9060A XMDL Date: 03/28/2011 11:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Organic Carbon - Duplicates		1	0.155

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/13/2012 16:33 End Date: 01/17/2012 15:01

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
600-48724-1	1	T	16:33	X	X																		
600-48724-1 DU	1	T	16:33	X	X																		
600-48724-2	1	T	16:33	X	X																		
600-48724-3	1	T	16:33	X	X																		
600-48724-4	1	T	16:33	X	X																		
600-48724-5	1	T	16:33	X	X																		
600-48724-6	1	T	16:33	X	X																		
600-48724-7	1	T	16:33	X	X																		
600-48724-8	1	T	16:33	X	X																		
600-48724-9	1	T	16:33	X	X																		
ZZZZZZ			16:33																				
ZZZZZZ			16:33																				
ZZZZZZ			16:33																				
ZZZZZZ			16:33																				
ZZZZZZ			16:33																				
ZZZZZZ			16:33																				
ZZZZZZ			16:33																				
ZZZZZZ			16:33																				
ZZZZZZ			16:33																				
ZZZZZZ			16:33																				
600-48724-6 MS	1	T	15:01	X	X																		
600-48724-6 MSD	1	T	15:01	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Instrument ID: WC_Leco Method: 9060A

Start Date: 01/20/2012 14:01 End Date: 01/20/2012 15:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOC																			
ICV 280-104333/1	1		14:01	X																			
ICB 280-104333/2	1		14:07	X																			
LCS 280-104333/3	1	T	14:10	X																			
LCSD 280-104333/4	1	T	14:16	X																			
MB 280-104333/5	1	T	14:18	X																			
ZZZZZZ			14:25																				
ZZZZZZ			14:27																				
600-48724-1	1	T	14:37	X																			
600-48724-1 MS	1	T	14:42	X																			
600-48724-1 MSD	1	T	14:45	X																			
600-48724-2	1	T	14:47	X																			
600-48724-3	1	T	14:58	X																			
600-48724-4	1	T	15:01	X																			
600-48724-5	1	T	15:03	X																			
600-48724-6	1	T	15:06	X																			
600-48724-7	1	T	15:12	X																			
600-48724-8	1	T	15:15	X																			
CCV 280-104333/18	1		15:20	X																			
CCB 280-104333/19	1		15:25	X																			
600-48724-9	1	T	15:29	X																			
CCV 280-104333/21	1		15:32	X																			
CCB 280-104333/22	1		15:34	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Instrument ID: WC_SHI2 Method: 9060A

Start Date: 01/20/2012 18:20 End Date: 01/21/2012 09:58

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOCD																			
ICV 280-104369/1	1		18:20	X																			
ICB 280-104369/2	1		19:07	X																			
LCS 280-104369/3	1	T	19:22	X																			
LCSD 280-104369/4	1	T	19:41	X																			
MB 280-104369/5	1	T	19:58	X																			
ZZZZZZ			20:19																				
ZZZZZZ			20:39																				
ZZZZZZ			20:57																				
ZZZZZZ			21:14																				
ZZZZZZ			21:42																				
ZZZZZZ			22:02																				
CCV 280-104369/12	1		22:19	X																			
CCB 280-104369/13	1		22:36	X																			
ZZZZZZ			23:05																				
600-48724-10	1	T	23:27	X																			
ZZZZZZ			23:51																				
ZZZZZZ			00:26																				
ZZZZZZ			00:49																				
ZZZZZZ			01:08																				
ZZZZZZ			01:28																				
ZZZZZZ			01:46																				
ZZZZZZ			02:04																				
ZZZZZZ			02:23																				
CCV 280-104369/24	1		02:41	X																			
CCB 280-104369/25	1		02:59	X																			
ZZZZZZ			03:15																				
ZZZZZZ			03:33																				
ZZZZZZ			03:51																				
ZZZZZZ			04:09																				
ZZZZZZ			04:26																				
ZZZZZZ			04:45																				
ZZZZZZ			05:02																				
ZZZZZZ			05:17																				
ZZZZZZ			05:33																				
ZZZZZZ			05:52																				
CCV 280-104369/36			06:10																				
CCB 280-104369/37			06:30																				
ZZZZZZ			06:45																				
ZZZZZZ			07:04																				
ZZZZZZ			07:20																				
ZZZZZZ			07:38																				
ZZZZZZ			07:58																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Instrument ID: WC_SHI2 Method: 9060A

Start Date: 01/20/2012 18:20 End Date: 01/21/2012 09:58

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOCD																			
ZZZZZZ			08:15																				
ZZZZZZ			08:31																				
ZZZZZZ			08:49																				
ZZZZZZ			09:05																				
ZZZZZZ			09:23																				
CCV 280-104369/48			09:39																				
CCB 280-104369/49			09:58																				

Prep Types

T = Total/NA

Wet Chemistry Data Review Checklist
For Tests with Calibration Curves

Test Name/ Method #: TOC/9060 **SOP #** DWC 0048

Instrument: Leco **Analyst:** P. Plumb **Analysis Date:** 1/20/12

Lot / Sample Numbers	Matrix	Prep Batch	Batch	Method	Special Inst
24283- LCSD/MB	Soil	MA	104333	9060	
680-28724-1-9	1	1	1		

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Minimum of five standards in ICAL or as specified in method?	✓			✓
2. Correlation coefficient ≥ 0.995 ?	✓			✓
3. Second-source ICV analyzed, and recovery within acceptance limits?	✓			✓
4. ICB analyzed immediately after the ICV & results < the RL	✓			✓
5. CCV analyzed after every ten samples & recovery within acceptance limits?	✓			✓
6. CCB analyzed after every CCV & results < RL?	✓			✓
7. Absolute value of the intercept is < ± ½ the RL?	✓			✓
B. Sample Results				
1. All samples greater than highest calibration standard diluted and reanalyzed?			✓	✓
2. Do associated RLs/MDLs reflect dilutions or limited sample volume?			✓	✓
3. All reported results bracketed by in control CCV results?	✓			✓
4. Sample analyses done within holding time?	✓			✓
5. Initial pH check documented for all samples? (If Applicable)			✓	✓
6. Preparation benchsheet completed and included in package?	✓			✓
7. Client requirements reviewed and met?	✓			✓
8. Were data manually transcribed from instrument printouts into TALS verified 100% including significant figures and correct units? (If Applicable)	✓			✓
9. Do the prep and analysis dates in TALS reflect the actual dates?	✓			✓
11. Raw data copies prepared, scanned, and uploaded?	✓			✓
12. Manual integrations done properly and initialed and dated?			✓	✓
13. STD/True Value information is updated and included?	✓			✓
C. Preparation/Matrix QC				
1. Method blank < RL or all reported samples > 10x blank have NCM?	✓			✓
2. Method blank < ½ RL or NCM provided?	✓			✓
3. LCS/LCSD run for batch and within QC limits?	✓			✓
4. MS/MSD run at required frequency and within limits or NCM written?	✓			✓
5. DUP run at required frequency and RPD within acceptance limits or NCM written?			✓	✓

Analyst: P. Plumb **Date:** 1/24/12

2nd Level Reviewer : [signature] **Date:** 1/24/12

Wet Chemistry Data Review Checklist
For Tests with Calibration Curves

Test Name/ Method #: TOC **SOP #** DV-WC-0006

Instrument: SHI2 **Analyst:** G Yates **Analysis Date:** 1-20-12

Lot / Sample Numbers	Matrix	Prep Batch	Batch	Method	Special Inst
24799	Aq	—	104369	9060	AA
24693, 24777, 24824		—		9060 SM5310B	—
24827, 24845, 24846		—			—
24849,		—			—
600-48724		—		9060A	—
600-48830		—			—

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Minimum of five standards in ICAL or as specified in method?	✓			✓
2. Correlation coefficient ≥ 0.995 ?	✓			✓
3. Second-source ICV analyzed, and recovery within acceptance limits?	✓			✓
4. ICB analyzed immediately after the ICV & results < the RL	✓			✓
5. CCV analyzed after every ten samples & recovery within acceptance limits?	✓			✓
6. CCB analyzed after every CCV & results < RL?	✓			✓
7. Absolute value of the intercept is < ± ½ the RL?	✓			✓
B. Sample Results				
1. All samples greater than highest calibration standard diluted and reanalyzed?	✓			✓
2. Do associated RLs/MDLs reflect dilutions or limited sample volume?	✓			✓
3. All reported results bracketed by in control CCV results?	✓			✓
4. Sample analyses done within holding time?	✓			✓
5. Initial pH check documented for all samples? (If Applicable)	✓			✓
6. Preparation benchsheet completed and included in package?			✓	✓
7. Client requirements reviewed and met?	✓			✓
8. Were data manually transcribed from instrument printouts into TALS verified 100% including significant figures and correct units? (If Applicable)			✓	✓
9. Do the prep and analysis dates in TALS reflect the actual dates?	✓			✓
11. Raw data copies prepared, scanned, and uploaded?	✓			✓
12. Manual integrations done properly and initialed and dated?			✓	✓
13. STD/True Value information is updated and included?	✓			✓
C. Preparation/Matrix QC				
1. Method blank < RL or all reported samples > 10x blank have NCM?	✓			✓
2. Method blank < ½ RL or NCM provided?	✓			✓
3. LCS/LCSD run for batch and within QC limits?	✓			✓
4. MS/MSD run at required frequency and within limits or NCM written?	✓			✓
5. DUP run at required frequency and RPD within acceptance limits or NCM written?			✓	✓

Analyst: [signature] **Date:** 1-21-12

2nd Level Reviewer : [signature] **Date:** 1/23/12

1/24

	Analysis	Sample Name	Dilution	Result	Date / Time	Vial
1	NPOC	ICV	1.000	NPOC:20.03ppm	01/20/2012 06:27:45 PM	1
2	NPOC	ICB	1.000	NPOC:0.00050ppm	01/20/2012 07:11:50 PM	2
3	NPOC	LCS	1.000	NPOC:25.56ppm	01/20/2012 07:30:17 PM	7
4	NPOC	LCSD	1.000	NPOC:25.41ppm	01/20/2012 07:48:41 PM	8
5	NPOC	MB	1.000	NPOC:0.00037ppm	01/20/2012 08:06:51 PM	9
6	NPOC	280-24693-d-1	5.000	NPOC:30.56ppm	01/20/2012 08:25:33 PM	10
7	NPOC	MS 280-24693-d-1	5.000	NPOC:167.2ppm	01/20/2012 08:46:07 PM	11
8	NPOC	MSD 280-24693-d-1	5.000	NPOC:169.7ppm	01/20/2012 09:04:14 PM	12
9	NPOC	280-24799-a-4	1.000	NPOC:7.611ppm	01/20/2012 09:20:57 PM	13
10	NPOC	280-24827-c-2	1.000	NPOC:420.8ppm	01/20/2012 09:51:12 PM	14
11	NPOC	280-24827-c-3	1.000	NPOC:19.30ppm	01/20/2012 10:08:45 PM	15
12	NPOC	CCV	1.000	NPOC:25.64ppm	01/20/2012 10:26:47 PM	16
13	NPOC	CCB	1.000	NPOC:0.02439ppm	01/20/2012 10:40:49 PM	17
14	NPOC	280-24827-c-4	1.000	NPOC:396.2ppm	01/20/2012 11:13:52 PM	18
15	NPOC	600-48724-a-10	1.000	NPOC:0.2786ppm	01/20/2012 11:32:09 PM	19
16	NPOC	280-24845-l-2	1.000	NPOC:139.7ppm	01/21/2012 12:02:31 AM	20
17	NPOC	280-24845-l-3	1.000	NPOC:340.0ppm	01/21/2012 12:35:15 AM	21
18	NPOC	280-24845-l-4	1.000	NPOC:86.89ppm	01/21/2012 12:57:23 AM	22
19	NPOC	280-24845-l-5	1.000	NPOC:25.64ppm	01/21/2012 01:15:52 AM	23
20	NPOC	280-24777-c-4	1.000	NPOC:3.027ppm	01/21/2012 01:35:48 AM	24
21	NPOC	MS 280-24777-c-4	1.000	NPOC:28.35ppm	01/21/2012 01:53:33 AM	25
22	NPOC	MSD 280-24777-c-4	1.000	NPOC:28.55ppm	01/21/2012 02:11:30 AM	26
23	NPOC	280-24777-b-8	1.000	NPOC:6.200ppm	01/21/2012 02:30:11 AM	27
24	NPOC	CCV	1.000	NPOC:25.13ppm	01/21/2012 02:48:11 AM	28
25	NPOC	CCB	1.000	NPOC:0.02369ppm	01/21/2012 03:03:46 AM	29
26	NPOC	600-48830-a-17	1.000	NPOC:0.3363ppm	01/21/2012 03:22:04 AM	30
27	NPOC	280-24846-d-1	1.000	NPOC:1.384ppm	01/21/2012 03:41:16 AM	31
28	NPOC	280-24846-d-3	1.000	NPOC:2.532ppm	01/21/2012 03:57:07 AM	32
29	NPOC	280-24846-d-4	1.000	NPOC:2.116ppm	01/21/2012 04:14:59 AM	33
30	NPOC	280-24846-d-5	1.000	NPOC:17.68ppm	01/21/2012 04:32:56 AM	34
31	NPOC	280-24846-d-8	1.000	NPOC:2.278ppm	01/21/2012 04:50:38 AM	35
32	NPOC	280-24849-b-1	1.000	NPOC:0.8010ppm	01/21/2012 05:07:43 AM	36
33	NPOC	280-24849-b-2	1.000	NPOC:0.5116ppm	01/21/2012 05:22:45 AM	37
34	NPOC	LCS	1.000	NPOC:25.29ppm	01/21/2012 05:40:50 AM	38
35	NPOC	LCSD	1.000	NPOC:24.89ppm	01/21/2012 05:59:15 AM	39
36	NPOC	CCV	1.000	NPOC:25.01ppm	01/21/2012 06:17:27 AM	40
37	NPOC	CCB	1.000	NPOC:0.05099ppm	01/21/2012 06:34:35 AM	41
38	NPOC	MB	1.000	NPOC:0.03725ppm	01/21/2012 06:50:07 AM	42
39	NPOC	280-24824-c-2	1.000	NPOC:3.360ppm	01/21/2012 07:10:05 AM	43
40	NPOC	MS 280-24824-c-2	1.000	NPOC:28.90ppm	01/21/2012 07:27:53 AM	44
41	NPOC	MSD 280-24824-c-2	1.000	NPOC:28.92ppm	01/21/2012 07:45:47 AM	45
42	NPOC	280-24824-c-3	1.000	NPOC:4.253ppm	01/21/2012 08:04:00 AM	46
43	NPOC	280-24824-c-4	1.000	NPOC:1.415ppm	01/21/2012 08:21:31 AM	47
44	NPOC	280-24824-c-5	1.000	NPOC:1.645ppm	01/21/2012 08:37:10 AM	48
45	NPOC	280-24824-c-6	1.000	NPOC:3.123ppm	01/21/2012 08:55:10 AM	49
46	NPOC	280-24824-c-7	1.000	NPOC:2.172ppm	01/21/2012 09:11:05 AM	50
47	NPOC	280-24824-c-8	1.000	NPOC:1.686ppm	01/21/2012 09:28:37 AM	51
48	NPOC	CCV	1.000	NPOC:25.08ppm	01/21/2012 09:46:43 AM	52
49	NPOC	CCB	1.000	NPOC:0.00176ppm	01/21/2012 10:02:16 AM	53

TOC-V Cal Curve Information
1-50 PPM TOC.2011_12_28_20_39_00.cal

Date of Creation	11:15:53 AM 10/28/2005
User	DEANN
System	TOC-VCSH

Cal. Curve

Sample Name:	cal
Sample ID:	CAL
Cal. Curve:	1-50 PPM TOC.2011_12_28_20_39_00.cal
Status	Completed
Comment:	

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.5556	50uL	1	*******		12/28/2011 08:49:03 F
2	0.5150	50uL	1	*******		12/28/2011 08:50:31 F

Acid Add.	1.500%
Sp. Time	90.00sec
Mean Area	0.5353
SD Area	0.02871
CV Area	5.36%
Vial	88

Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	4.704	50uL	1	*******		12/28/2011 09:00:50 F
2	4.803	50uL	1	*******		12/28/2011 09:02:47 F

Acid Add.	1.500%
Sp. Time	90.00sec
Mean Area	4.754
SD Area	0.07000
CV Area	1.47%
Vial	89

Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.58	50uL	1	*******		12/28/2011 09:13:27 F
2	21.68	50uL	1	*******		12/28/2011 09:15:43 F

Acid Add.	1.500%
Sp. Time	90.00sec
Mean Area	21.63
SD Area	0.07071
CV Area	0.33%
Vial	90

Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	41.37	50uL	1	*******		12/28/2011 09:26:24 P
2	41.01	50uL	1	*******		12/28/2011 09:28:38 P

Acid Add. 1.500%
Sp. Time 90.00sec
Mean Area 41.19
SD Area 0.2546
CV Area 0.62%
Vial 91

Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	108.2	50uL	1	*******		12/28/2011 09:39:36 P
2	108.2	50uL	1	*******		12/28/2011 09:42:04 P

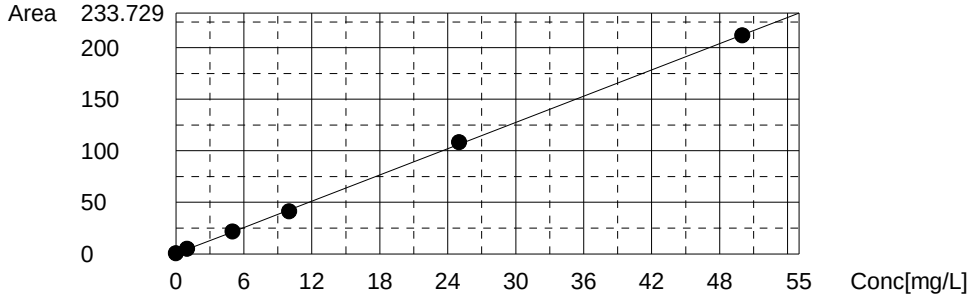
Acid Add. 1.500%
Sp. Time 90.00sec
Mean Area 108.2
SD Area 0.000
CV Area 0.00%
Vial 92

Conc: 50.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	211.4	50uL	1	*******		12/28/2011 09:53:12 P
2	212.4	50uL	1	*******		12/28/2011 09:55:43 P

Acid Add. 1.500%
Sp. Time 90.00sec
Mean Area 211.9
SD Area 0.7071
CV Area 0.33%
Vial 93

Slope: 4.242
Intercept 0.3572
r^2 0.9998
r 0.9999
Zero Shift No



Instr.Information

System	TOC-VCSH(2)
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Sample

Sample Name:	ICV
Sample ID:	
Origin:	TOC .met
Status	Completed
Chk. Result	

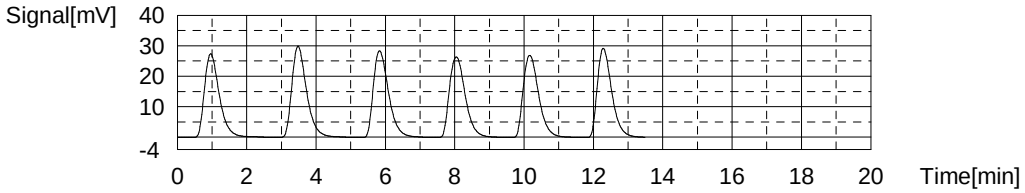
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:20.03ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	81.86	19.21ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:15:45 PM
2	88.87	20.86ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:18:19 PM
3	87.07	20.44ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:20:44 PM
4	84.60	19.86ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:23:04 PM
5	84.30	19.79ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:25:24 PM
6	85.35	20.03ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:27:45 PM

Mean Area 85.33
Mean Conc. 20.03ppm



Sample

Sample Name:	ICB
Sample ID:	
Origin:	TOC .met
Status	Completed
Chk. Result	

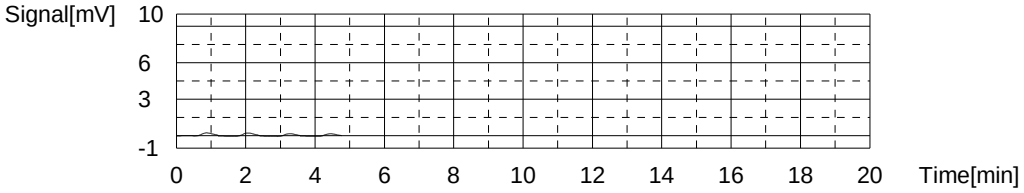
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.00050ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.3739	0.00393ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:07:40 PM
2	0.4369	0.01878ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:09:04 PM
3	0.2998	-0.01353ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:10:26 PM
4	0.3267	-0.00719ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:11:50 PM

Mean Area 0.3593
Mean Conc. 0.00050ppm



Sample

Sample Name: LCS
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

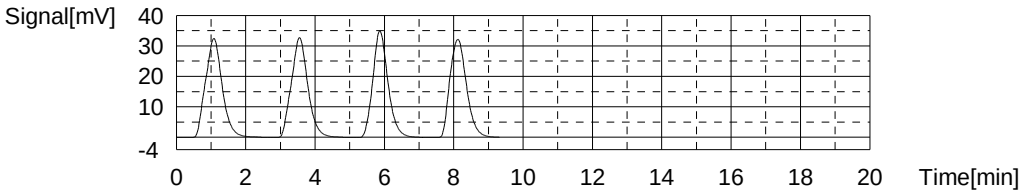
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.56ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	109.6	25.75ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:22:49 PM
2	109.3	25.68ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:25:22 PM
3	107.8	25.33ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:27:51 PM
4	108.5	25.49ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:30:17 PM

Mean Area 108.8
Mean Conc. 25.56ppm



Sample

Sample Name: LCSD
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

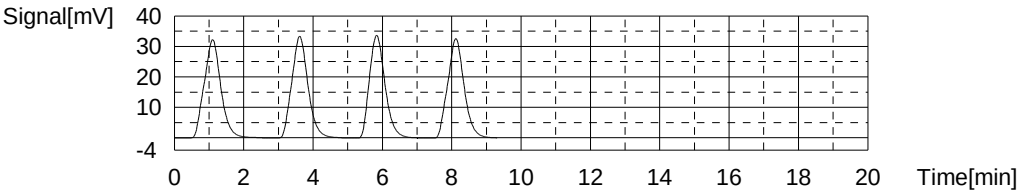
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.41ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.7	25.54ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:41:19 PM
2	109.1	25.63ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:43:48 PM
3	106.7	25.07ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:46:12 PM
4	108.1	25.40ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:48:41 PM

Mean Area 108.2
Mean Conc. 25.41ppm



Sample

Sample Name: MB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

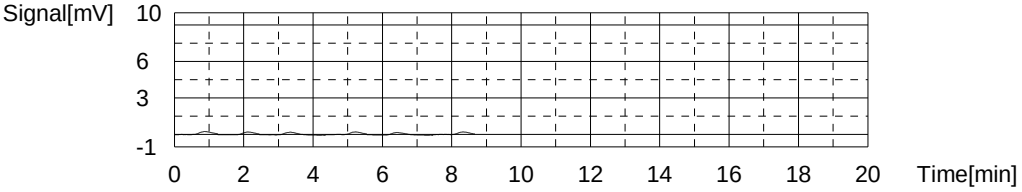
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.00037ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.4031	0.01082ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:58:26 PM
2	0.3546	-0.00062ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:59:50 PM
3	0.000	-0.08420ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:01:56 PM
4	0.3610	0.00089ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:03:20 PM
5	0.000	-0.08420ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:05:26 PM
6	0.3164	-0.00962ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:06:51 PM

Mean Area 0.3588
Mean Conc. 0.00037ppm



Sample

Sample Name: 280-24693-d-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

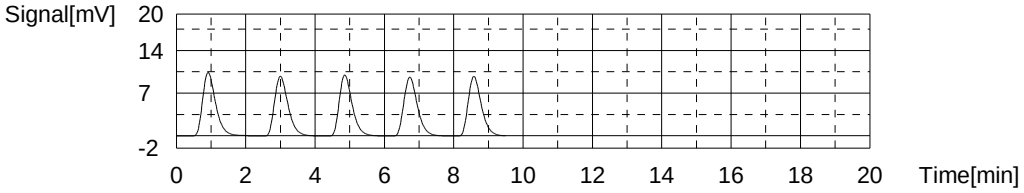
Type	Anal.	Dil.	Result
Unknown	NPOC	5.000	NPOC:30.56ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	27.33	31.79ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:17:19 PM
2	26.70	31.05ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:19:23 PM
3	26.07	30.30ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:21:26 PM
4	26.29	30.56ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:23:30 PM
5	26.08	30.32ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:25:33 PM

Mean Area 26.29
Mean Conc. 30.56ppm



Sample

Sample Name: MS 280-24693-d-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

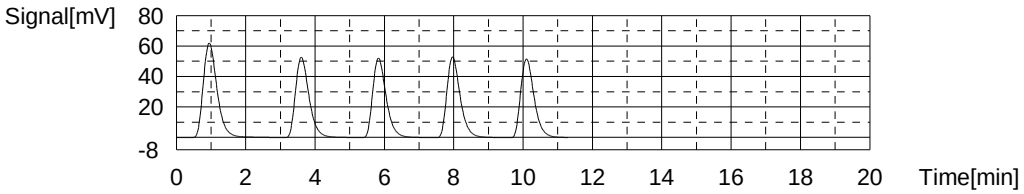
Type	Anal.	Dil.	Result
Unknown	NPOC	5.000	NPOC:167.2ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	172.6	203.0ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:36:42 PM
2	144.1	169.4ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:39:08 PM
3	141.5	166.3ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:41:28 PM
4	142.5	167.5ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:43:48 PM
5	140.7	165.4ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:46:07 PM

Mean Area 142.2
Mean Conc. 167.2ppm



Sample

Sample Name: MSD 280-24693-d-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

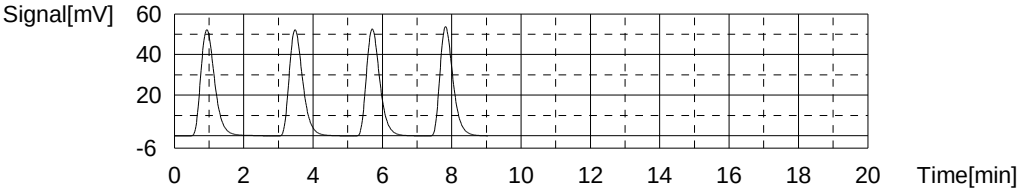
Type	Anal.	Dil.	Result
Unknown	NPOC	5.000	NPOC:169.7ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	146.9	172.7ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:57:09 PM
2	143.7	168.9ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:59:34 PM
3	143.8	169.1ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:01:54 PM
4	142.9	168.0ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:04:14 PM

Mean Area 144.3
Mean Conc. 169.7ppm



Sample

Sample Name: 280-24799-a-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

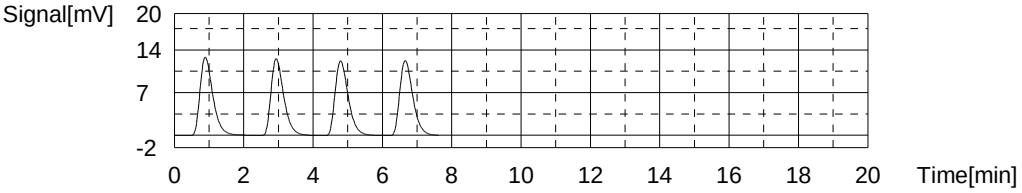
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:7.611ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	33.27	7.758ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:14:47 PM
2	32.29	7.527ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:16:49 PM
3	32.46	7.567ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:18:53 PM
4	32.56	7.591ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:20:57 PM

Mean Area 32.65
Mean Conc. 7.611ppm



Sample

Sample Name: 280-24827-c-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

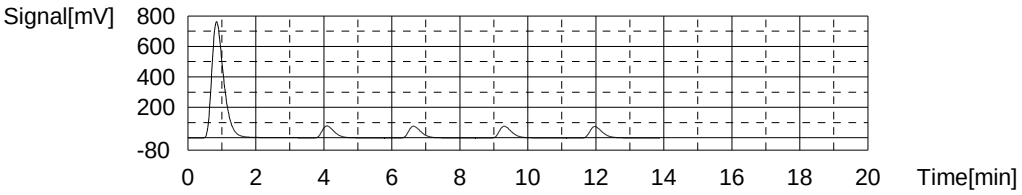
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:420.8ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1888	444.9ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:32:41 PM
2	202.6	429.0ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:42:30 PM
3	199.5	422.5ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:45:22 PM
4	198.0	419.3ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:48:14 PM
5	194.7	412.3ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:51:12 PM

Mean Area 198.7
Mean Conc. 420.8ppm



Sample

Sample Name: 280-24827-c-3
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

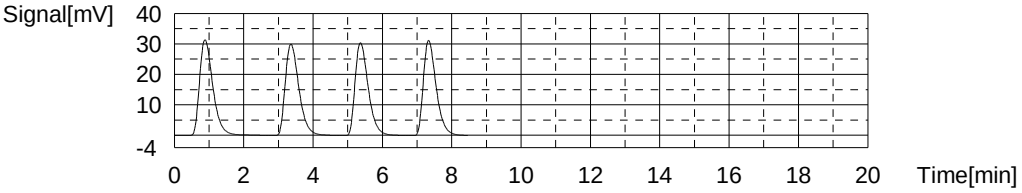
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:19.30ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	84.33	19.79ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:02:10 PM
2	82.69	19.41ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:04:23 PM
3	80.77	18.95ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:06:33 PM
4	81.15	19.04ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:08:45 PM

Mean Area 82.23
Mean Conc. 19.30ppm



Sample

Sample Name: CCV
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

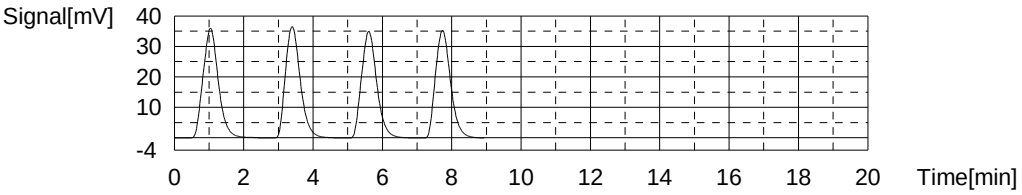
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.64ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	110.9	26.06ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:19:40 PM
2	109.8	25.80ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:22:02 PM
3	107.6	25.28ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:24:23 PM
4	108.2	25.42ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:26:47 PM

Mean Area 109.1
Mean Conc. 25.64ppm



Sample

Sample Name: CCB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

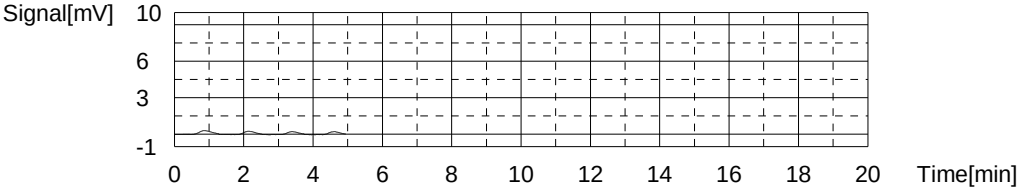
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.02439ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.5807	0.05268ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:36:34 PM
2	0.4904	0.03139ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:38:01 PM
3	0.3889	0.00747ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:39:25 PM
4	0.3827	0.00601ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:40:49 PM

Mean Area 0.4607
Mean Conc. 0.02439ppm



Sample

Sample Name: 280-24827-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

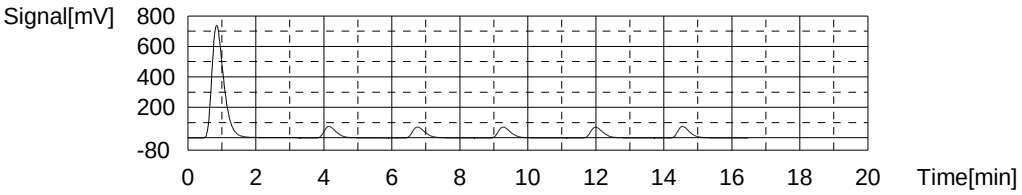
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:396.2ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1828	430.8ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:52:37 PM
2	194.2	411.2ppm	50uL	9	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:02:29 PM
3	189.1	400.4ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:05:12 PM
4	185.9	393.6ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:08:07 PM
5	183.5	388.5ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:10:53 PM
6	190.0	402.3ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:13:52 PM

Mean Area 187.1
Mean Conc. 396.2ppm



Sample

Sample Name: 600-48724-a-10
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

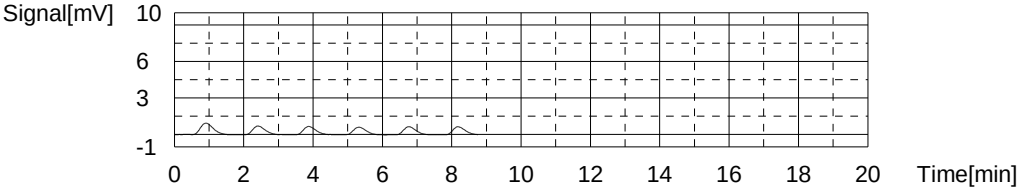
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.2786ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.330	0.4650ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:23:52 PM
2	1.716	0.3203ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:25:32 PM
3	1.614	0.2962ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:27:11 PM
4	1.470	0.2623ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:28:51 PM
5	1.528	0.2760ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:30:30 PM
6	1.545	0.2800ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:32:09 PM

Mean Area 1.539
Mean Conc. 0.2786ppm



Sample

Sample Name: 280-24845-I-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

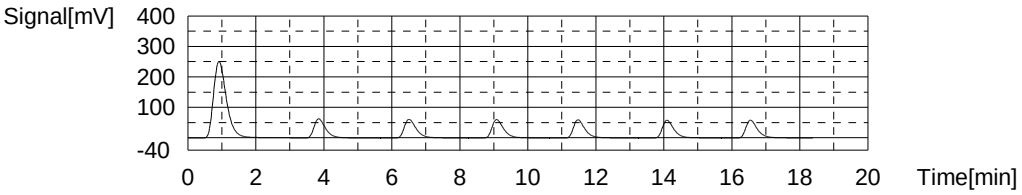
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:139.7ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	669.8	157.8ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:43:33 PM
2	151.7	148.9ppm	12uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:46:23 PM
3	152.4	149.6ppm	12uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:49:09 PM
4	146.4	143.7ppm	12uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:51:45 PM
5	143.0	140.4ppm	12uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:54:34 PM
6	139.1	136.5ppm	12uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:57:13 PM
7	140.8	138.2ppm	12uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:02:31 AM

Mean Area 142.3
Mean Conc. 139.7ppm



Sample

Sample Name: 280-24845-I-3
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

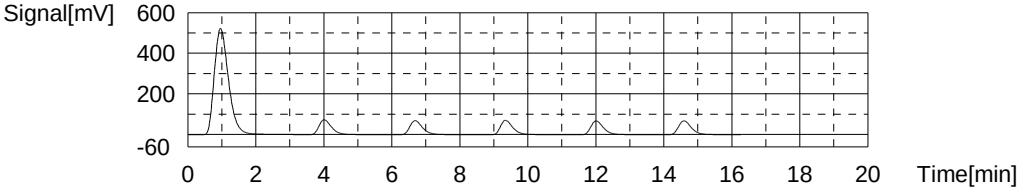
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:340.0ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1528	360.1ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:14:01 AM
2	192.1	361.6ppm	50uL	8	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:23:57 AM
3	182.2	342.9ppm	50uL	8		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:26:50 AM
4	181.1	340.8ppm	50uL	8		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:29:40 AM
5	177.3	333.7ppm	50uL	8		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:32:26 AM
6	182.0	342.5ppm	50uL	8		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:35:15 AM

Mean Area 180.7
Mean Conc. 340.0ppm



Sample

Sample Name: 280-24845-I-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

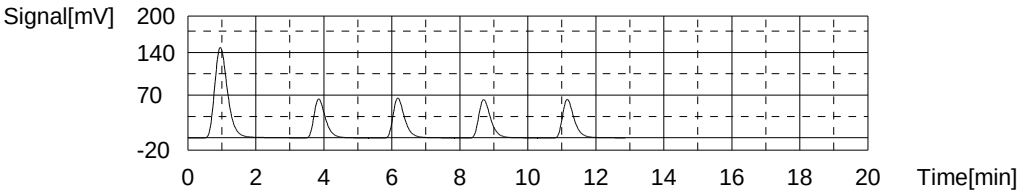
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:86.89ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	396.4	93.35ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:46:43 AM
2	152.3	85.39ppm	21uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:49:14 AM
3	157.5	88.31ppm	21uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:51:57 AM
4	156.4	87.69ppm	21uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:54:37 AM
5	153.7	86.17ppm	21uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:57:23 AM

Mean Area 155.0
Mean Conc. 86.89ppm



Sample

Sample Name: 280-24845-I-5
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

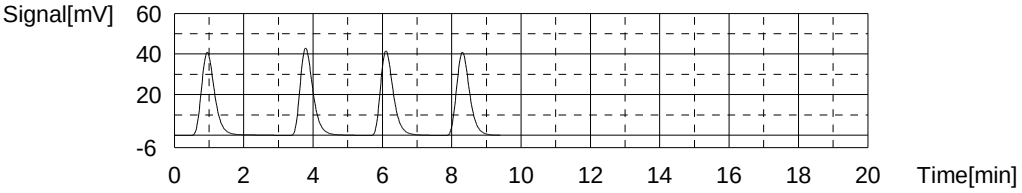
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.64ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.8	25.56ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:08:44 AM
2	111.8	26.27ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:11:15 AM
3	107.8	25.33ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:13:37 AM
4	108.1	25.40ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:15:52 AM

Mean Area 109.1
Mean Conc. 25.64ppm



Sample

Sample Name: 280-24777-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

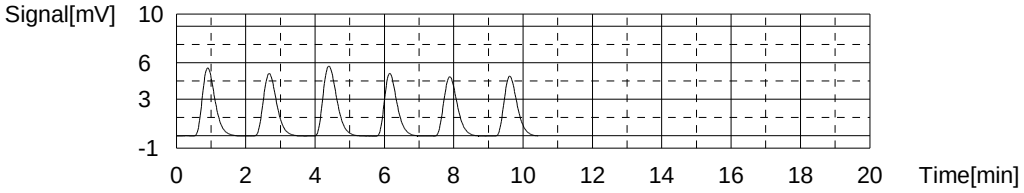
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:3.027ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	14.23	3.270ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:26:06 AM
2	13.67	3.138ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:28:03 AM
3	15.87	3.657ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:30:02 AM
4	12.96	2.971ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:31:55 AM
5	13.23	3.034ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:33:52 AM
6	12.93	2.964ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:35:48 AM

Mean Area 13.20
Mean Conc. 3.027ppm



Sample

Sample Name: MS 280-24777-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

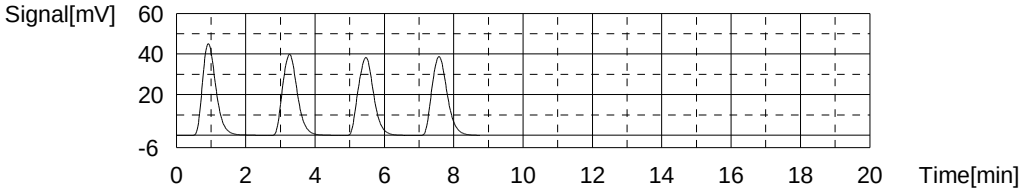
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:28.35ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	122.4	28.77ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:46:29 AM
2	119.3	28.04ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:48:51 AM
3	120.0	28.20ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:51:11 AM
4	120.9	28.41ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:53:33 AM

Mean Area 120.7
Mean Conc. 28.35ppm



Sample

Sample Name: MSD 280-24777-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

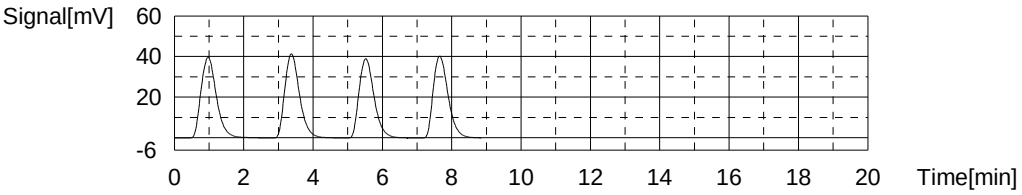
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:28.55ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	123.2	28.96ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:04:28 AM
2	123.1	28.93ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:06:49 AM
3	118.6	27.87ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:09:10 AM
4	121.1	28.46ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:11:30 AM

Mean Area 121.5
Mean Conc. 28.55ppm



Sample

Sample Name: 280-24777-b-8
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

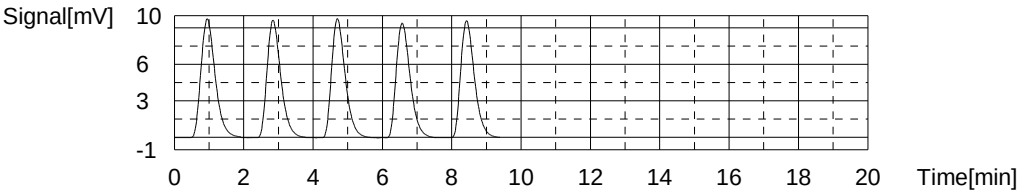
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:6.200ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	27.86	6.483ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:21:55 AM
2	26.78	6.228ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:23:59 AM
3	26.81	6.235ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:26:03 AM
4	26.53	6.169ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:28:07 AM
5	26.52	6.167ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:30:11 AM

Mean Area 26.66
Mean Conc. 6.200ppm



Sample

Sample Name: CCV
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

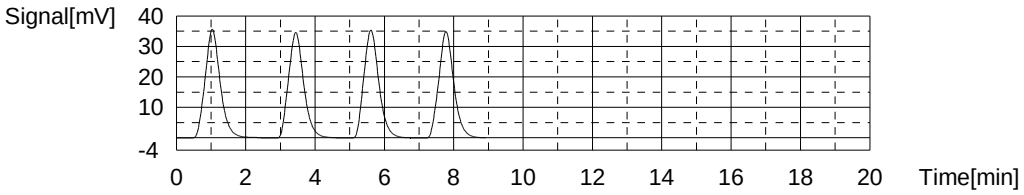
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.13ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.3	25.44ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:41:06 AM
2	106.0	24.90ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:43:28 AM
3	107.3	25.21ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:45:48 AM
4	106.3	24.97ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:48:11 AM

Mean Area 107.0
Mean Conc. 25.13ppm



Sample

Sample Name: CCB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

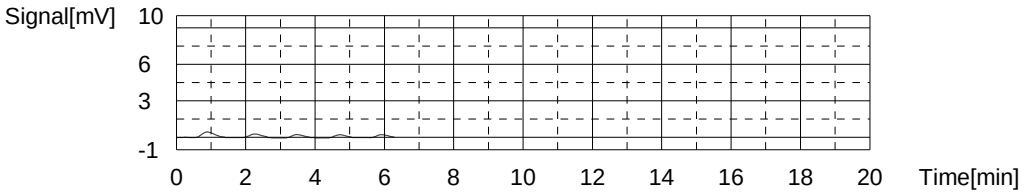
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.02369ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.082	0.1708ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:58:05 AM
2	0.4972	0.03300ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:59:30 AM
3	0.4998	0.03361ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:00:56 AM
4	0.3971	0.00940ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:02:21 AM
5	0.4367	0.01874ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:03:46 AM

Mean Area 0.4577
Mean Conc. 0.02369ppm



Sample

Sample Name: 600-48830-a-17
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

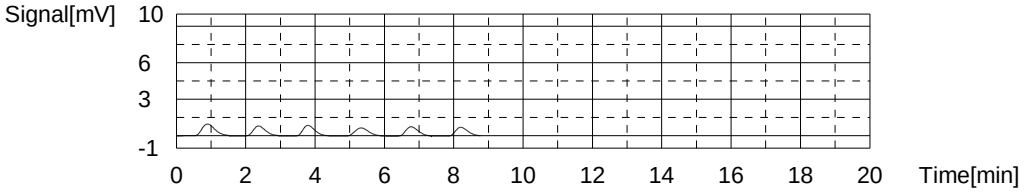
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.3363ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.452	0.4938ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:13:45 AM
2	1.885	0.3601ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:15:24 AM
3	2.010	0.3896ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:17:04 AM
4	1.711	0.3191ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:18:46 AM
5	1.842	0.3500ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:20:26 AM
6	1.698	0.3160ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:22:04 AM

Mean Area 1.784
Mean Conc. 0.3363ppm



Sample

Sample Name: 280-24846-d-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

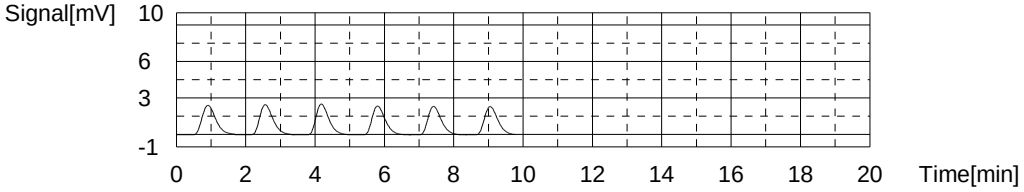
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.384ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.516	1.452ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:32:10 AM
2	6.413	1.427ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:33:59 AM
3	6.424	1.430ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:35:48 AM
4	6.130	1.361ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:37:37 AM
5	6.183	1.373ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:39:26 AM
6	6.194	1.376ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:41:16 AM

Mean Area 6.230
Mean Conc. 1.384ppm



Sample

Sample Name: 280-24846-d-3
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

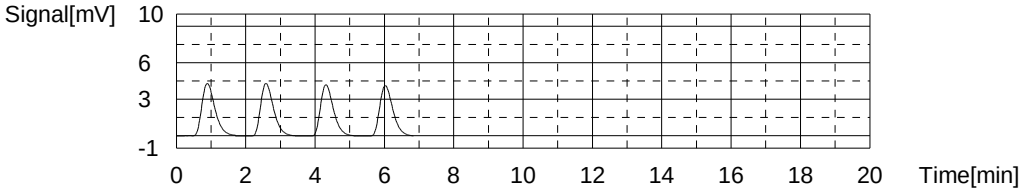
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.532ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	11.27	2.572ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:51:23 AM
2	11.24	2.565ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:53:18 AM
3	10.90	2.485ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:55:12 AM
4	10.98	2.504ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:57:07 AM

Mean Area 11.10
Mean Conc. 2.532ppm



Sample

Sample Name: 280-24846-d-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

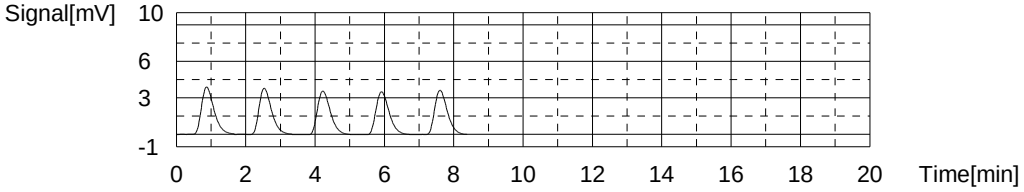
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.116ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.746	2.213ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:07:18 AM
2	9.469	2.148ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:09:20 AM
3	9.350	2.120ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:11:13 AM
4	9.295	2.107ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:13:07 AM
5	9.220	2.089ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:14:59 AM

Mean Area 9.334
Mean Conc. 2.116ppm



Sample

Sample Name: 280-24846-d-5
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

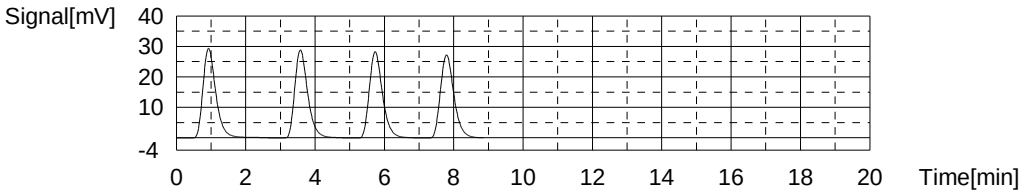
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:17.68ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	76.18	17.87ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:26:08 AM
2	75.31	17.67ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:28:28 AM
3	75.43	17.70ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:30:43 AM
4	74.58	17.50ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:32:56 AM

Mean Area 75.38
Mean Conc. 17.68ppm



Sample

Sample Name: 280-24846-d-8
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

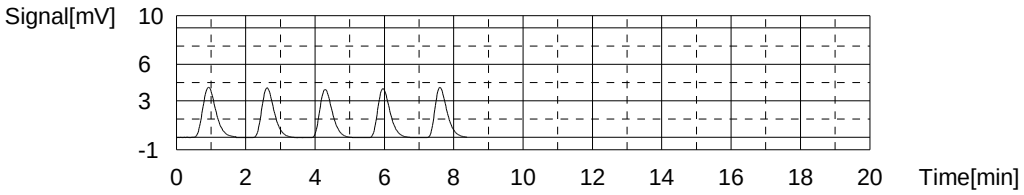
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.278ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	10.75	2.450ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:43:10 AM
2	10.17	2.313ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:45:03 AM
3	9.967	2.265ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:46:55 AM
4	9.954	2.262ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:48:47 AM
5	9.990	2.271ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:50:38 AM

Mean Area 10.02
Mean Conc. 2.278ppm



Sample

Sample Name: 280-24849-b-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

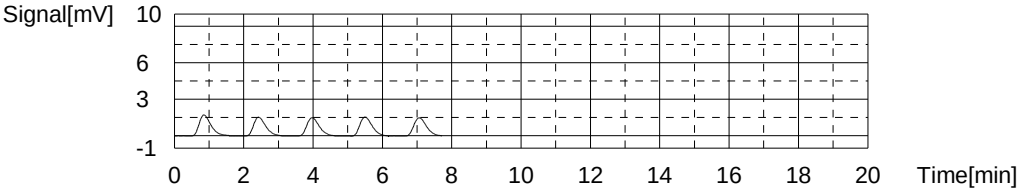
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.8010ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.014	0.8619ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:00:42 AM
2	3.718	0.7922ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:02:25 AM
3	3.687	0.7849ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:04:09 AM
4	3.868	0.8275ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:05:58 AM
5	3.748	0.7992ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:07:43 AM

Mean Area 3.755
Mean Conc. 0.8010ppm



Sample

Sample Name: 280-24849-b-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

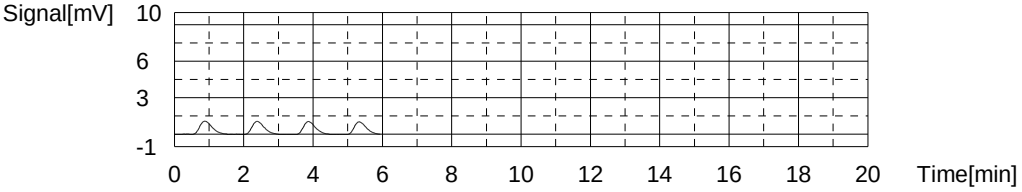
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.5116ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.620	0.5334ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:17:44 AM
2	2.562	0.5197ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:19:25 AM
3	2.504	0.5060ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:21:05 AM
4	2.425	0.4874ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:22:45 AM

Mean Area 2.528
Mean Conc. 0.5116ppm



Sample

Sample Name: LCS
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

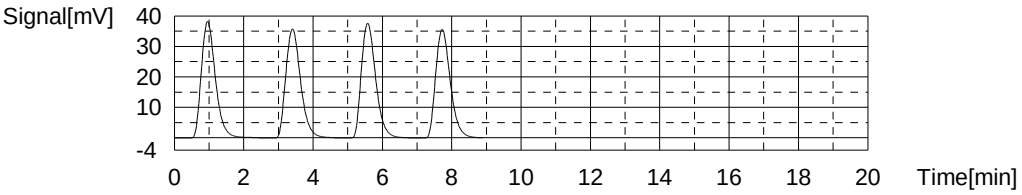
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.29ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.6	25.51ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:33:42 AM
2	107.1	25.16ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:36:05 AM
3	109.3	25.68ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:38:25 AM
4	105.6	24.81ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:40:50 AM

Mean Area 107.7
Mean Conc. 25.29ppm



Sample

Sample Name: LCSD
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

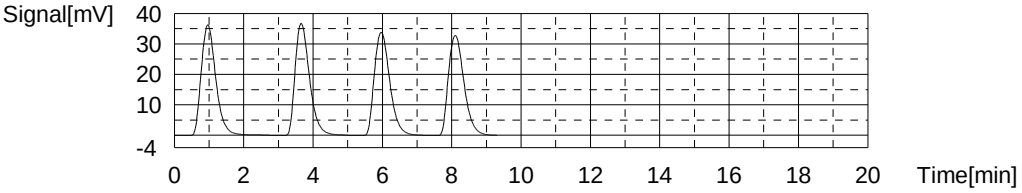
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:24.89ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	107.1	25.16ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:52:05 AM
2	106.9	25.11ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:54:33 AM
3	105.9	24.88ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:56:54 AM
4	103.9	24.41ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:59:15 AM

Mean Area 105.9
Mean Conc. 24.89ppm



Sample

Sample Name: CCV
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

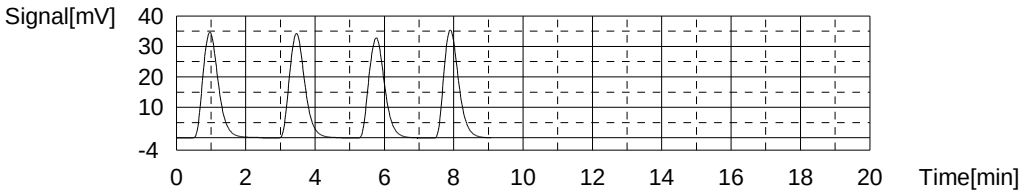
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.01ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	107.5	25.25ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:10:15 AM
2	106.8	25.09ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:12:44 AM
3	105.1	24.69ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:15:07 AM
4	106.5	25.02ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:17:27 AM

Mean Area 106.5
Mean Conc. 25.01ppm



Sample

Sample Name: CCB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

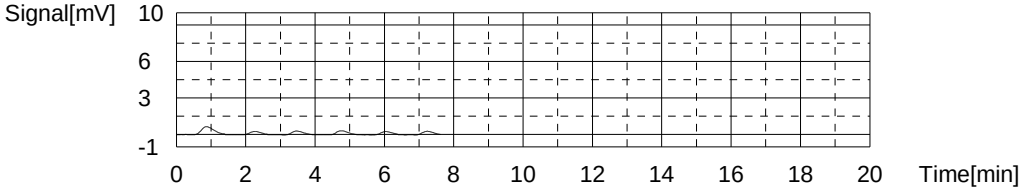
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.05099ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.487	0.2663ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:27:22 AM
2	0.4544	0.02291ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:28:47 AM
3	0.6435	0.06748ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:30:16 AM
4	0.6434	0.06746ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:31:45 AM
5	0.4625	0.02482ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:33:09 AM
6	0.5448	0.04422ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:34:35 AM

Mean Area 0.5736
Mean Conc. 0.05099ppm



Sample

Sample Name: MB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

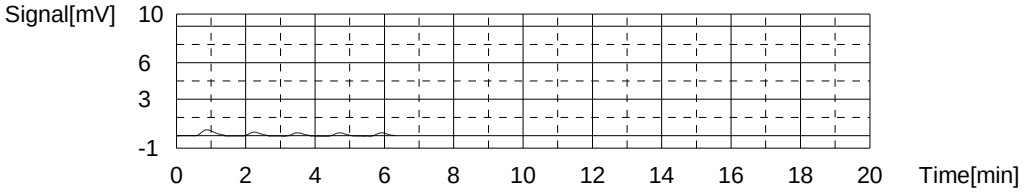
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.03725ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.088	0.1723ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:44:23 AM
2	0.6194	0.06180ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:45:50 AM
3	0.4709	0.02680ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:47:15 AM
4	0.4775	0.02835ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:48:40 AM
5	0.4931	0.03203ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:50:07 AM

Mean Area 0.5152
Mean Conc. 0.03725ppm



Sample

Sample Name: 280-24824-c-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

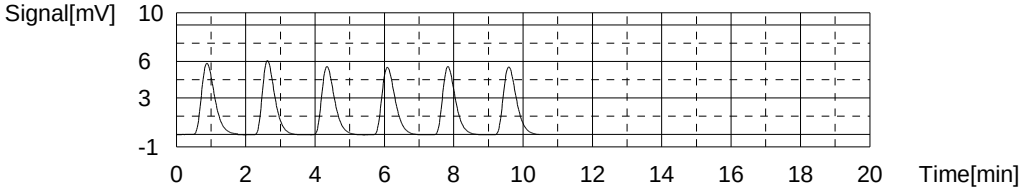
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:3.360ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	15.44	3.555ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:00:23 AM
2	15.15	3.487ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:02:17 AM
3	14.45	3.322ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:04:13 AM
4	14.79	3.402ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:06:10 AM
5	14.44	3.319ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:08:07 AM
6	14.77	3.397ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:10:05 AM

Mean Area 14.61
Mean Conc. 3.360ppm



Sample

Sample Name: MS 280-24824-c-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

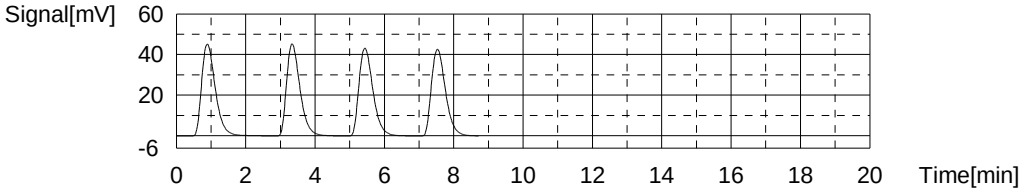
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:28.90ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	124.8	29.33ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:20:57 AM
2	122.6	28.81ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:23:13 AM
3	122.4	28.77ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:25:34 AM
4	122.0	28.67ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:27:53 AM

Mean Area 123.0
Mean Conc. 28.90ppm



Sample

Sample Name: MSD 280-24824-c-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

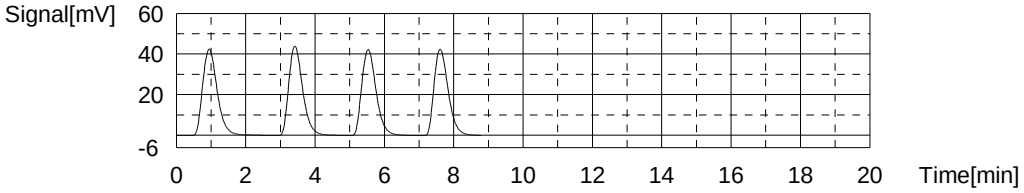
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:28.92ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	124.6	29.29ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:38:53 AM
2	123.6	29.05ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:41:11 AM
3	122.6	28.81ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:43:29 AM
4	121.4	28.53ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:45:47 AM

Mean Area 123.1
Mean Conc. 28.92ppm



Sample

Sample Name: 280-24824-c-3
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

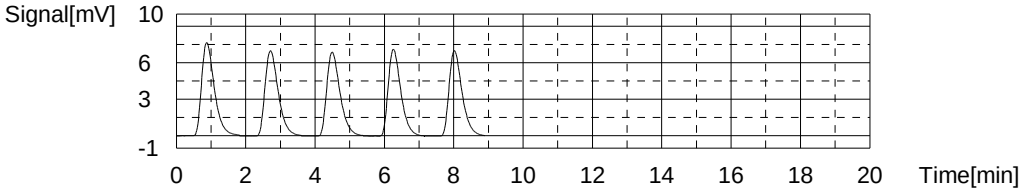
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:4.253ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	19.54	4.522ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:56:07 AM
2	18.58	4.295ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:58:06 AM
3	18.44	4.262ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:00:05 AM
4	18.24	4.215ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:02:02 AM
5	18.34	4.239ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:04:00 AM

Mean Area 18.40
Mean Conc. 4.253ppm



Sample

Sample Name: 280-24824-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

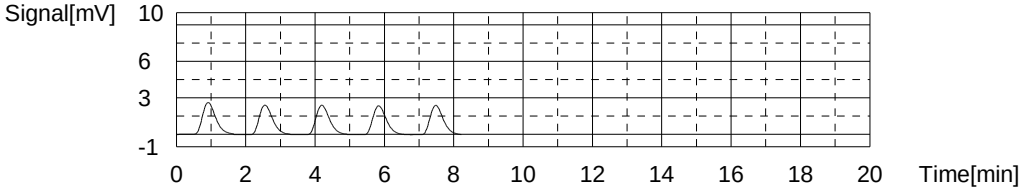
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.415ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.765	1.510ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:14:09 AM
2	6.417	1.428ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:15:59 AM
3	6.432	1.432ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:17:49 AM
4	6.283	1.397ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:19:40 AM
5	6.311	1.403ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:21:31 AM

Mean Area 6.361
Mean Conc. 1.415ppm



Sample

Sample Name: 280-24824-c-5
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

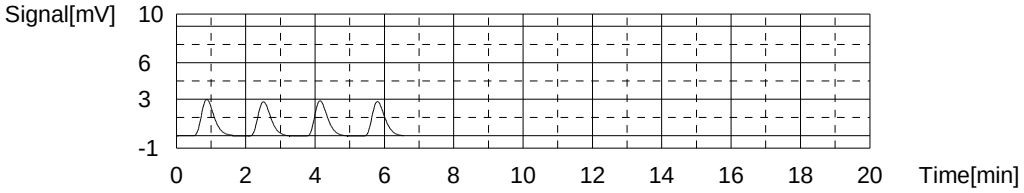
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.645ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.443	1.670ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:31:38 AM
2	7.291	1.634ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:33:29 AM
3	7.356	1.650ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:35:20 AM
4	7.262	1.628ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:37:10 AM

Mean Area 7.338
Mean Conc. 1.645ppm



Sample

Sample Name: 280-24824-c-6
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

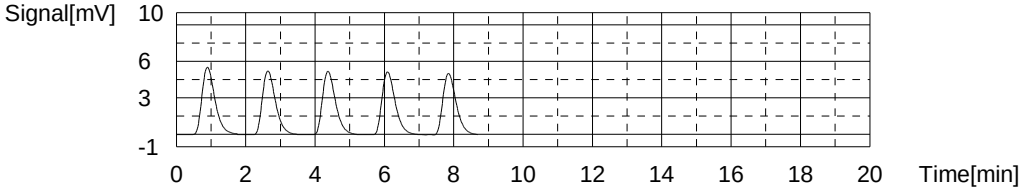
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:3.123ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	14.38	3.305ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:47:26 AM
2	13.73	3.152ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:49:22 AM
3	13.58	3.117ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:51:17 AM
4	13.65	3.133ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:53:14 AM
5	13.47	3.091ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:55:10 AM

Mean Area 13.61
Mean Conc. 3.123ppm



Sample

Sample Name: 280-24824-c-7
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

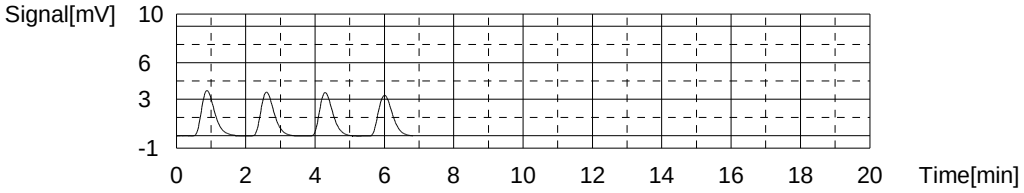
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.172ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.746	2.213ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:05:22 AM
2	9.534	2.163ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:07:16 AM
3	9.497	2.154ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:09:09 AM
4	9.509	2.157ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:11:05 AM

Mean Area 9.572
Mean Conc. 2.172ppm



Sample

Sample Name: 280-24824-c-8
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

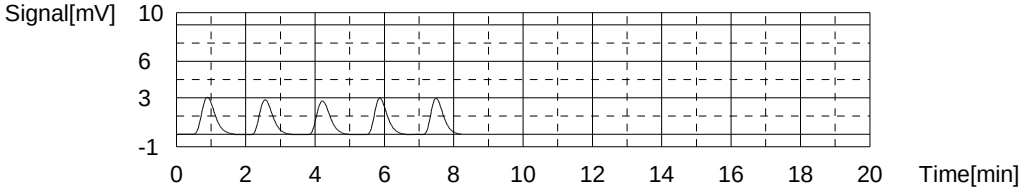
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.686ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.095	1.824ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:21:16 AM
2	7.658	1.721ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:23:07 AM
3	7.404	1.661ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:24:59 AM
4	7.585	1.704ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:26:49 AM
5	7.401	1.660ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:28:37 AM

Mean Area 7.512
Mean Conc. 1.686ppm



Sample

Sample Name: CCV
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

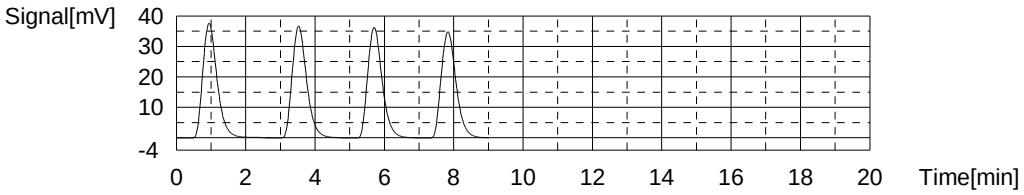
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.08ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.7	25.54ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:39:41 AM
2	107.1	25.16ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:42:04 AM
3	106.3	24.97ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:44:23 AM
4	104.9	24.64ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:46:43 AM

Mean Area 106.8
Mean Conc. 25.08ppm



Sample

Sample Name: CCB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

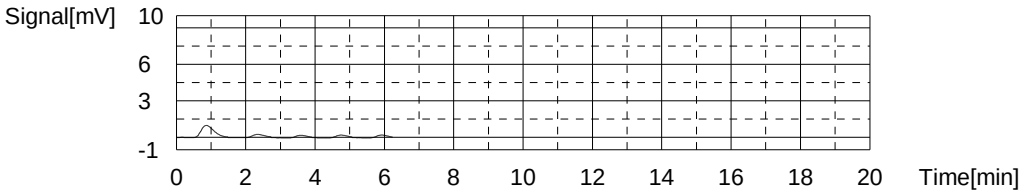
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.00176ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.458	0.4952ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:56:43 AM
2	0.4790	0.02871ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:58:10 AM
3	0.3387	-0.00436ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:59:32 AM
4	0.3237	-0.00790ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 10:00:54 AM
5	0.3173	-0.00941ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 10:02:16 AM

Mean Area 0.3647
Mean Conc. 0.00176ppm



GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48724-1

SDG No.:

Batch Number: 70053 Batch Start Date: 01/13/12 16:33 Batch Analyst: Boza, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-48724-B-1	2012 - SED - 1	Moisture	T	1.15 g	23.74 g	16.28 g			
600-48724-B-1 DU	2012 - SED - 1	Moisture	T	1.15 g	25.31 g	17.90 g			
600-48724-B-2	2012 - SED - 2	Moisture	T	1.13 g	21.85 g	18.40 g			
600-48724-B-3	2012 - SED - 3	Moisture	T	1.13 g	21.41 g	19.08 g			
600-48724-B-4	2012 - SED - 4	Moisture	T	1.14 g	21.70 g	18.04 g			
600-48724-B-5	2012 - SED - 5	Moisture	T	1.14 g	22.99 g	20.23 g			
600-48724-B-6	2012 - SED - 6	Moisture	T	1.14 g	21.84 g	19.08 g			
600-48724-B-7	2012 - SED - 7	Moisture	T	1.14 g	30.43 g	23.77 g			
600-48724-B-8	2012 - SED - 8	Moisture	T	1.14 g	26.60 g	22.96 g			
600-48724-B-9	2012 - SED - 9	Moisture	T	1.14 g	24.20 g	18.79 g			
600-48724-A-6 MS	2012 - SED - 6	Moisture	T	1.14 g	21.84 g	19.08 g			
600-48724-A-6 MSD	2012 - SED - 6	Moisture	T	1.14 g	21.84 g	19.08 g			

Batch Notes	
Balance ID	B-2 No Unit
Oven ID	O-8

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Batch Number: 104333 Batch Start Date: 01/20/12 14:01 Batch Analyst: Plumb, Paul M

Batch Method: 9060A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	STOC CAL 3 00004	STOC ICV Std 00001	STOC LCS Std 00003	
ICV 280-104333/1		9060A		0 g	0.2202 g		0.2202 g		
ICB 280-104333/2		9060A		0 g	0.2457 g				
LCS 280-104333/3		9060A		0 g	0.2035 g			0.2035 g	
LCSD 280-104333/4		9060A		0 g	0.2023 g			0.2023 g	
MB 280-104333/5		9060A		0 g	0.2411 g				
600-48724-A-1	2012 - SED - 1	9060A	T	0 g	0.2036 g				
600-48724-A-1 MS	2012 - SED - 1	9060A	T	0 g	0.2212 g		0.2212 g		
600-48724-A-1 MSD	2012 - SED - 1	9060A	T	0 g	0.2157 g		0.2157 g		
600-48724-A-2	2012 - SED - 2	9060A	T	0 g	0.2127 g				
600-48724-A-3	2012 - SED - 3	9060A	T	0 g	0.2150 g				
600-48724-A-4	2012 - SED - 4	9060A	T	0 g	0.2478 g				
600-48724-A-5	2012 - SED - 5	9060A	T	0 g	0.2300 g				
600-48724-A-6	2012 - SED - 6	9060A	T	0 g	0.2485 g				
600-48724-A-7	2012 - SED - 7	9060A	T	0 g	0.2328 g				
600-48724-A-8	2012 - SED - 8	9060A	T	0 g	0.2257 g				
CCV 280-104333/18		9060A		0 g	0.2185 g	0.2185 g			
CCB 280-104333/19		9060A		0 g	0.2466 g				
600-48724-A-9	2012 - SED - 9	9060A	T	0 g	0.2272 g				
CCV 280-104333/21		9060A		0 g	0.2036 g	0.2036 g			
CCB 280-104333/22		9060A		0 g	0.2397 g				

Batch Notes	
Lot # of hydrochloric acid	HCL_00002
HCl Vendor	fisher

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 600-48724-1

SDG No.:

Batch Number: 104369 Batch Start Date: 01/20/12 18:20 Batch Analyst: Yates, George E

Batch Method: 9060A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	TOC ICV Daily 00423	TOC LCS Daily 00423	AnalysisComment	
ICV 280-104369/1		9060A		20 mL	20 mL	20 mL		pH < 2	
ICB 280-104369/2		9060A		20 mL	20 mL			pH < 2	
LCS 280-104369/3		9060A		20 mL	20 mL		20 mL	pH < 2	
LCSD 280-104369/4		9060A		20 mL	20 mL		20 mL	pH < 2	
MB 280-104369/5		9060A		20 mL	20 mL			pH < 2	
CCV 280-104369/12		9060A		20 mL	20 mL		20 mL	pH < 2	
CCB 280-104369/13		9060A		20 mL	20 mL			pH < 2	
600-48724-A-10	Equipment Blank 5	9060A	T	20 mL	20 mL			pH < 2	
CCV 280-104369/24		9060A		20 mL	20 mL		20 mL	pH < 2	
CCB 280-104369/25		9060A		20 mL	20 mL			pH < 2	

Batch Notes	
Batch Comment	Pipettes used: WC-5000-Q, WC-1000-Q
Lot # of Phosphoric Acid	0.2% H2SO4_00024

Basis	Basis Description
T	Total/NA

COVER PAGE
GEOTECHNICAL

Lab Name: TestAmerica Burlington Job Number: 600-48724-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012 - SED - 1	600-48724-1
2012 - SED - 2	600-48724-2
2012 - SED - 3	600-48724-3
2012 - SED - 4	600-48724-4
2012 - SED - 5	600-48724-5
2012 - SED - 6	600-48724-6
2012 - SED - 7	600-48724-7
2012 - SED - 8	600-48724-8
2012 - SED - 9	600-48724-9

Comments:

Client Sample ID: 2012 - SED - 1 Lab Sample ID: 600-48724-1

Lab Name: TestAmerica Burlington Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 10:53

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	13.1			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	21.4			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	14.6			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	5.0			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	1.8			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	96.9			% Passing			1	D422
	Silt	34.7			%			1	D422
	Clay	30.8			%			1	D422
	Sieve Size #4 - Percent Finer	86.9			% Passing			1	D422
	Sieve Size #10 - Percent Finer	72.3			% Passing			1	D422
	Sieve Size #20 - Percent Finer	68.4			% Passing			1	D422
	Sieve Size #40 - Percent Finer	67.3			% Passing			1	D422
	Sieve Size #60 - Percent Finer	66.8			% Passing			1	D422
	Sieve Size #80 - Percent Finer	66.5			% Passing			1	D422
	Sieve Size #100 - Percent Finer	66.3			% Passing			1	D422
	Sieve Size #200 - Percent Finer	65.5			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	46.1			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	42.1			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	37.3			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	34.1			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	30.8			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	26.0			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	21.2			% Passing			1	D422

Client Sample ID: 2012 - SED - 2 Lab Sample ID: 600-48724-2

Lab Name: TestAmerica Burlington Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 11:20

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	42.6			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	41.4			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	27.8			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	9.5			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	4.1			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	84.3			% Passing			1	D422
	Silt	8.0			%			1	D422
	Clay	8.1			%			1	D422
	Sieve Size #4 - Percent Finer	57.4			% Passing			1	D422
	Sieve Size #10 - Percent Finer	29.6			% Passing			1	D422
	Sieve Size #20 - Percent Finer	21.6			% Passing			1	D422
	Sieve Size #40 - Percent Finer	20.1			% Passing			1	D422
	Sieve Size #60 - Percent Finer	18.9			% Passing			1	D422
	Sieve Size #80 - Percent Finer	18.1			% Passing			1	D422
	Sieve Size #100 - Percent Finer	17.5			% Passing			1	D422
	Sieve Size #200 - Percent Finer	16.0			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	11.7			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	11.7			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	10.5			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	9.3			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	8.1			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	6.7			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	5.5			% Passing			1	D422

Client Sample ID: 2012 - SED - 3 Lab Sample ID: 600-48724-3

Lab Name: TestAmerica Burlington Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 11:58

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	61.0			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	19.1			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	13.7			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	4.3			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	1.1			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	87.8			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	67.6			% Passing			1	D422
	Silt	12.4			%			1	D422
	Clay	7.5			%			1	D422
	Sieve Size #4 - Percent Finer	39.0			% Passing			1	D422
	Sieve Size #10 - Percent Finer	25.3			% Passing			1	D422
	Sieve Size #20 - Percent Finer	21.8			% Passing			1	D422
	Sieve Size #40 - Percent Finer	21.0			% Passing			1	D422
	Sieve Size #60 - Percent Finer	20.5			% Passing			1	D422
	Sieve Size #80 - Percent Finer	20.3			% Passing			1	D422
	Sieve Size #100 - Percent Finer	20.2			% Passing			1	D422
	Sieve Size #200 - Percent Finer	19.9			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	15.4			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	12.7			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	10.1			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	8.8			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	7.5			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	4.8			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	2.9			% Passing			1	D422

Client Sample ID: 2012 - SED - 4 Lab Sample ID: 600-48724-4

Lab Name: TestAmerica Burlington Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 14:28

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	35.2			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	35.2			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	21.9			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	11.2			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	2.1			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	80.1			% Passing			1	D422
	Silt	19.9			%			1	D422
	Clay	9.7			%			1	D422
	Sieve Size #4 - Percent Finer	64.8			% Passing			1	D422
	Sieve Size #10 - Percent Finer	42.9			% Passing			1	D422
	Sieve Size #20 - Percent Finer	34.0			% Passing			1	D422
	Sieve Size #40 - Percent Finer	31.7			% Passing			1	D422
	Sieve Size #60 - Percent Finer	31.0			% Passing			1	D422
	Sieve Size #80 - Percent Finer	30.7			% Passing			1	D422
	Sieve Size #100 - Percent Finer	30.5			% Passing			1	D422
	Sieve Size #200 - Percent Finer	29.6			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	13.3			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	12.7			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	11.5			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	10.3			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	9.7			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	7.9			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	6.6			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012 - SED - 5 | Lab Sample ID: 600-48724-5

Lab Name: TestAmerica Burlington | Job No.: 600-48724-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/11/2012 14:54

Reporting Basis: WET | Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	50.2			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	34.7			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	26.7			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	7.5			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	0.5			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	77.7			% Passing			1	D422
	Silt	12.5			%			1	D422
	Clay	2.6			%			1	D422
	Sieve Size #4 - Percent Finer	49.8			% Passing			1	D422
	Sieve Size #10 - Percent Finer	23.1			% Passing			1	D422
	Sieve Size #20 - Percent Finer	16.2			% Passing			1	D422
	Sieve Size #40 - Percent Finer	15.6			% Passing			1	D422
	Sieve Size #60 - Percent Finer	15.4			% Passing			1	D422
	Sieve Size #80 - Percent Finer	15.3			% Passing			1	D422
	Sieve Size #100 - Percent Finer	15.3			% Passing			1	D422
	Sieve Size #200 - Percent Finer	15.1			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	3.2			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	3.2			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	3.2			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	3.2			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	2.6			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	2.0			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	1.9			% Passing			1	D422

Client Sample ID: 2012 - SED - 6 Lab Sample ID: 600-48724-6

Lab Name: TestAmerica Burlington Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 15:13

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	49.1			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	36.3			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	25.5			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	9.6			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	1.2			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	80.9			% Passing			1	D422
	Silt	10.2			%			1	D422
	Clay	4.4			%			1	D422
	Sieve Size #4 - Percent Finer	50.9			% Passing			1	D422
	Sieve Size #10 - Percent Finer	25.4			% Passing			1	D422
	Sieve Size #20 - Percent Finer	17.2			% Passing			1	D422
	Sieve Size #40 - Percent Finer	15.8			% Passing			1	D422
	Sieve Size #60 - Percent Finer	15.3			% Passing			1	D422
	Sieve Size #80 - Percent Finer	15.1			% Passing			1	D422
	Sieve Size #100 - Percent Finer	15.0			% Passing			1	D422
	Sieve Size #200 - Percent Finer	14.6			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	5.6			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	5.6			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	5.0			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	4.4			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	4.4			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	3.7			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	3.7			% Passing			1	D422

Client Sample ID: 2012 - SED - 7 Lab Sample ID: 600-48724-7

Lab Name: TestAmerica Burlington Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 15:50

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	37.3			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	42.1			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	16.6			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	16.1			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	9.4			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	90.5			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	78.4			% Passing			1	D422
	Silt	13.7			%			1	D422
	Clay	7.0			%			1	D422
	Sieve Size #4 - Percent Finer	62.7			% Passing			1	D422
	Sieve Size #10 - Percent Finer	46.1			% Passing			1	D422
	Sieve Size #20 - Percent Finer	34.8			% Passing			1	D422
	Sieve Size #40 - Percent Finer	30.0			% Passing			1	D422
	Sieve Size #60 - Percent Finer	25.7			% Passing			1	D422
	Sieve Size #80 - Percent Finer	23.3			% Passing			1	D422
	Sieve Size #100 - Percent Finer	22.2			% Passing			1	D422
	Sieve Size #200 - Percent Finer	20.6			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	10.1			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	9.0			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	8.5			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	8.0			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	7.0			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	5.9			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	4.8			% Passing			1	D422

Client Sample ID: 2012 - SED - 8 | Lab Sample ID: 600-48724-8

Lab Name: TestAmerica Burlington | Job No.: 600-48724-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/11/2012 16:15

Reporting Basis: WET | Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	52.4			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	28.4			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	25.6			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	2.5			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	0.3			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	81.6			% Passing			1	D422
	Silt	14.8			%			1	D422
	Clay	4.4			%			1	D422
	Sieve Size #4 - Percent Finer	47.6			% Passing			1	D422
	Sieve Size #10 - Percent Finer	22.0			% Passing			1	D422
	Sieve Size #20 - Percent Finer	19.8			% Passing			1	D422
	Sieve Size #40 - Percent Finer	19.5			% Passing			1	D422
	Sieve Size #60 - Percent Finer	19.4			% Passing			1	D422
	Sieve Size #80 - Percent Finer	19.4			% Passing			1	D422
	Sieve Size #100 - Percent Finer	19.4			% Passing			1	D422
	Sieve Size #200 - Percent Finer	19.2			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	5.3			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	5.3			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	5.3			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	5.1			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	4.4			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	3.7			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	3.7			% Passing			1	D422

Client Sample ID: 2012 - SED - 9 Lab Sample ID: 600-48724-9

Lab Name: TestAmerica Burlington Job No.: 600-48724-1

SDG ID.:

Matrix: Solid Date Sampled: 01/11/2012 16:36

Reporting Basis: WET Date Received: 01/12/2012 10:47

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	39.0			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	40.4			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	16.9			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	12.0			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	11.5			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	92.6			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	76.6			% Passing			1	D422
	Silt	12.0			%			1	D422
	Clay	8.6			%			1	D422
	Sieve Size #4 - Percent Finer	61.0			% Passing			1	D422
	Sieve Size #10 - Percent Finer	44.1			% Passing			1	D422
	Sieve Size #20 - Percent Finer	36.3			% Passing			1	D422
	Sieve Size #40 - Percent Finer	32.1			% Passing			1	D422
	Sieve Size #60 - Percent Finer	26.6			% Passing			1	D422
	Sieve Size #80 - Percent Finer	23.4			% Passing			1	D422
	Sieve Size #100 - Percent Finer	22.3			% Passing			1	D422
	Sieve Size #200 - Percent Finer	20.6			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	12.6			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	11.3			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	10.7			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	9.9			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	8.6			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	7.3			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	6.0			% Passing			1	D422

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Loc: 600
48724

Client Information	Sampler: Chris Moore	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 1
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Number of containers	Special Instructions/Note:
Preservation Code:							4,D			1,5					H		
2012-SED-1	1/11/12	1053	G	Sed	N	N	✓			✓					✓	2	
2012-SED-2		1120			N	N	✓			✓					✓	2	
2012-SED-3		1158			N	N	✓			✓					✓	2	
2012-SED-4		1428			N	N	✓			✓					✓	2	
2012-SED-5		1454			N	N	✓			✓					✓	2	
2012-SED-6		1513			N	Y	✓			✓					✓	4	MS/MSD for Cd, Pb
2012-SED-7		1550			N	N	✓			✓					✓	2	
2012-SED-8		1615			N	N	✓			✓					✓	2	
2012-SED-9		1636			N	N	✓			✓					✓	2	
Equipment Blank 5		1654			N	N	✓			✓						2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		1/11/12, 1808	PBW		1/11/12 1047	TA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Page 442 of 445

03/13/2012

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Login Number: 48724

List Source: TestAmerica Houston

List Number: 1

Creator: Fuentes Jr, Fabio

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Login Number: 48724
List Number: 1
Creator: Kirchner, Benjamin

List Source: TestAmerica Burlington
List Creation: 01/18/12 11:27 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0ºC, IR GUN ID 154, CF 0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48724-1

Login Number: 48724
List Number: 1
Creator: Cofoid, Stephen T

List Source: TestAmerica Denver
List Creation: 01/19/12 11:32 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-48830-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
2/10/2012 3:48 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
02/10/2012

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Report Narrative 15
Method Summary 16
Method / Analyst Summary 17
Sample Summary 18
Sample Results 19
Sample Datasheets 20
Data Qualifiers 85
QC Results 86
Qc Association Summary 87
Qc Reports 92
Raw Data 99
Client Chain of Custody 609
Sample Receipt Checklist 610

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-48830-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		02/10/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco	Laboratory Job Number: 600-48830
Reviewer Name: TWR	Prep Batch Number(s): 600-70081(w), 70087(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco	Laboratory Job Number: 600-48830
Reviewer Name: TWR	Prep Batch Number(s): 600-70081(w), 70087(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	3
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco	Laboratory Job Number: 600-48830
Reviewer Name: TWR	Prep Batch Number(s): 600-70081(w), 70087(s)- ICP

ER #[1]	DESCRIPTION
1	The cadmium recovery in sample 48830-12 MS and the cadmium and lead recoveries in sample 48830-12 MSD were below acceptance limits due to matrix interference. Method performance is demonstrated by acceptable LCS recoveries.
2	The lead RPD between samples 48830-12 and 48830-12 MD was above acceptance limits due to the non-homogenous nature of the samples.
3	The laboratory selected another client's sample to perform as the PDS/SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Laboratory Data Package Cover Page

This data package is for Job No.600-48830-1 and laboratory analysis batch no(s) 280-104369 and 280-104671 and consists of:

☒ This signature page, the laboratory review checklist, and the following reportable data:

☒ R1 Field chain-of-custody documentation;

☒ R2 Sample identification cross-reference;

☒ R3 Test reports (analytical data sheets) for each environmental sample that includes:

a) Items consistent with NELAC Chapter 5,
b) dilution factors,
c) preparation methods,
d) cleanup methods, and
e) if required for the project, tentatively identified compounds (TICs).

☐ R4 Surrogate recovery data including:

a) Calculated recovery (%R), and
b) The laboratory's surrogate QC limits.

☒ R5 Test reports/summary forms for blank samples;

☒ R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amounts,
b) Calculated %R for each analyte, and
c) The laboratory's LCS QC limits.

☒ R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,
b) MS/MSD spiking amounts,
c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
d) Calculated %Rs and relative percent differences (RPDs), and
e) The laboratory's MS/MSD QC limits

☒ R8 Laboratory analytical duplicate (if applicable) recovery and precision:

a) the amount of analyte measured in the duplicate,
b) the calculated RPD, and
c) the laboratory's QC limits for analytical duplicates.

☒ R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

☒ R10 Other problems or anomalies.

☒ The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. The laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached Exception Reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory have been identified by the laboratory in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: ☐ This laboratory meets an exception under 30 TAC §25.6 and was last inspection by ☐ TCEQ or ☐ _____ on _____ . Any findings affecting the data in this laboratory packages are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

DiLea Griego	DiLea Griego	Project Manager	02/10/2012
Name (Printed)	Signature	Official Title (printed)	Date

Matrix: Water
Method: 9060/9060A
Preparation: 9060/9060A
Date Analyzed: 1/4/2012
Date Prepared: 1/4/2012
Job No: 24284
TALS Batches: 102418
Units: mg/L

Analytes	Instrument #	MDL	DCS Spike	Measured Result	MQL
Total Organic Carbon (TOC)	SHI2	0.155	0.40	0.676	1.0

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Detection Check Standard **Quality Control Report**

Matrix: Soil
Method: 9060/9060A
Preparation: 9060/9060A
Date Analyzed:
Date Prepared:
Job No:
TALS Batches:
Units: g/Kg

Analytes	Instrument #	MDL	DCS Spike	Measured Result	MQL
Total Organic Carbon (TOC)	WC_LECO	1.700	5.15		4.0

DCS = Detection Check Standard
MQL = Method Quantitation Limit

Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica Denver	LRC Date: 021012
Project Name: Exide Recycling Center, Frisco TX Project	Laboratory Job Number: 600-48830-1
Reviewer Name: Roxanne Sullivan	Prep Batch Number(s): See ER #1 below for batch listing

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results <MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample quantitation limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Practical quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Were all necessary corrective actions performed for the reported data?	X				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	X				

1 Items identified by the letter "R" must be included in the laboratory data package submitted in the required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);

3 NA = Not applicable;

4 NR = Not Reviewed;

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC).

Laboratory Review Checklist: Reportable Data								
Laboratory Name: TestAmerica Denver			LRC Date: 021012					
Project Name: Exide Recycling Center, Frisco TX Project			Laboratory Job Number: 600-48830-1					
Reviewer Name: Roxanne Sullivan			Prep Batch Number(s): See ER #1 below for batch listing					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	**Initial calibration (ICAL)**						
		Were response factors and/or relative response factors for each analyte within QC limits?	X					
		Were percent RSDs or correlation coefficient criteria met?	X					
		Was the number of standards recommended in the method used for all analytes?	X					
		Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		Are ICAL data available for all instruments used?	X					
		Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**						
		Was the CCV analyzed at the method-required frequency?	X					
		Were percent differences for each analyte within the method-required QC limits?	X					
		Was the ICAL curve verified for each analyte?	X					
		Was the absolute value of the analyte concentration in the inorganic CCB<MDL?		X			S2	
S3	O	**Mass spectral tuning:**						
		Was the appropriate compound for the method used for tuning?			X			
		Were ion abundance data within the method-required QC limits?			X			
S4	O	**Internal standards (IS):**						
		Were IS area counts and retention times within the method-required QC limits?			X			
S5	OI	**Raw data (NELAC Section 1 Appendix A glossary, and Section 5.12 or ISO/IEC 17025 Section 4.12.2)** ***(Only use data for epa level 3 qa/qc revieW, if raw data not applicable, then change appropriately)***						
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X					
		Were data associated with manual integrations flagged on the raw data?	X					
S6	O	**Dual column confirmation**						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	**Tentatively identified compounds (TICs):**						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	**Interference Check Sample (ICS) results:**						
		Were percent recoveries within method QC limits?			X			
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X			
S10	OI	**Method detection limit (MDL) studies**						
		Was a MDL study performed for each reported analyte?	X					
		Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S11	OI	**Proficiency test reports:**						
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X					
S12	OI	**Standards documentation**						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	**Compound/analyte identification procedures**						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	**Demonstration of analyst competency (DOC)**						
		Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	X					
		Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	**Verification/validation documentation for methods** (NELAC Chap 5 or ISO/IEC 17025 Section 5)						
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X					
S16	OI	**Laboratory standard operating procedures (SOPs)**						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" must be included in the laboratory data package submitted in the required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);

3 NA = Not applicable;

4 NR = Not Reviewed;

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica Denver	LRC Date: 021012
Project Name: Exide Recycling Center, Frisco TX Project	Laboratory Job Number: 600-48830-1
Reviewer Name: Roxanne Sullivan	Prep Batch Number(s): See ER #1 below for batch listing

ER#[1]	Description
	0
S2	Blanks are controlled to <MQL.
1	Batches included in this checklist: 104671, 104369

[1]ER# = Exception Report identification number (an exception Report should be completed for an item if "NR" or "No" is checked on the LRC).

Comments
No additional comments.

Receipt
The following sample was listed on the Chain of Custody (COC); however, no sample was received at TA-Burlington: 2012-SED-13 (600-48830-4).

One or more containers for the following sample(s) was received broken or leaking: 2012 SED-18, 8oz jar.

All other samples were received in good condition within temperature requirements.

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48830-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals	TAL HOU		SW846 3050B
Percent Moisture	TAL HOU	EPA Moisture	
Grain Size	TAL BUR	ASTM D422	
Organic Carbon, Total (TOC)	TAL DEN	SW846 9060A	
Matrix Water			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals	TAL HOU		SW846 3010A
Organic Carbon, Total (TOC)	TAL DEN	SW846 9060A	

Lab References:

TAL BUR = TestAmerica Burlington

TAL DEN = TestAmerica Denver

TAL HOU = TestAmerica Houston

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Method	Analyst	Analyst ID
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
SW846 9060A	Plumb, Paul M	PMP
SW846 9060A	Yates, George E	GEY
EPA Moisture	Boza, Michael	MB
ASTM D422	Gagne, Eric	EMG

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48830-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-48830-1	2012-SED-10	Solid	01/12/2012 0833	01/13/2012 0945
600-48830-2	2012-SED-11	Solid	01/12/2012 0855	01/13/2012 0945
600-48830-3	2012-SED-12	Solid	01/12/2012 0924	01/13/2012 0945
600-48830-4	2012-SED-13	Solid	01/12/2012 0940	01/13/2012 0945
600-48830-5	2012-SED-14	Solid	01/12/2012 1002	01/13/2012 0945
600-48830-6	2012-SED-15	Solid	01/12/2012 1020	01/13/2012 0945
600-48830-7	2012-SED-16	Solid	01/12/2012 1106	01/13/2012 0945
600-48830-8	2012-SED-17	Solid	01/12/2012 1131	01/13/2012 0945
600-48830-9	2012-SED-18	Solid	01/12/2012 1151	01/13/2012 0945
600-48830-10	2012-SED-19	Solid	01/12/2012 1400	01/13/2012 0945
600-48830-11	2012-SED-20	Solid	01/12/2012 1416	01/13/2012 0945
600-48830-12	2012-SED-21	Solid	01/12/2012 1435	01/13/2012 0945
600-48830-12MS	2012-SED-21	Solid	01/12/2012 1435	01/13/2012 0945
600-48830-12MSD	2012-SED-21	Solid	01/12/2012 1435	01/13/2012 0945
600-48830-13	2012-SED-22	Solid	01/12/2012 1506	01/13/2012 0945
600-48830-14	2012-SED-23	Solid	01/12/2012 1543	01/13/2012 0945
600-48830-15	2012-SED-24	Solid	01/12/2012 1600	01/13/2012 0945
600-48830-16	2012-SED-25	Solid	01/12/2012 1635	01/13/2012 0945
600-48830-17	EQUIPMENT BLANK 6	Water	01/12/2012 1650	01/13/2012 0945

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-10

Lab Sample ID: 600-48830-1
Client Matrix: Solid

Date Sampled: 01/12/2012 08:33
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	42.2						%	32508	01/17/2012 16:07	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/17/2012 16:07	1	EMG
Sand	STL00582	42.7						%	32508	01/17/2012 16:07	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/17/2012 16:07	1	EMG
Coarse Sand	STL00583	34.6						%	32508	01/17/2012 16:07	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/17/2012 16:07	1	EMG
Medium Sand	STL00584	6.3						%	32508	01/17/2012 16:07	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/17/2012 16:07	1	EMG
Fine Sand	STL00585	1.8						%	32508	01/17/2012 16:07	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/17/2012 16:07	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	83.3						% Passing	32508	01/17/2012 16:07	1	EMG
Silt	STL00586	10.7						%	32508	01/17/2012 16:07	1	EMG
Clay	STL00587	4.4						%	32508	01/17/2012 16:07	1	EMG
Sieve Size #4 - Percent Finer	STL01274	57.8						% Passing	32508	01/17/2012 16:07	1	EMG
Sieve Size #10 - Percent Finer	STL01268	23.2						% Passing	32508	01/17/2012 16:07	1	EMG
Sieve Size #20 - Percent Finer	STL01271	18.6						% Passing	32508	01/17/2012 16:07	1	EMG
Sieve Size #40 - Percent Finer	STL01275	16.9						% Passing	32508	01/17/2012 16:07	1	EMG
Sieve Size #60 - Percent Finer	STL01276	16.0						% Passing	32508	01/17/2012 16:07	1	EMG
Sieve Size #80 - Percent Finer	STL01277	15.6						% Passing	32508	01/17/2012 16:07	1	EMG
Sieve Size #100 - Percent Finer	STL01269	15.5						% Passing	32508	01/17/2012 16:07	1	EMG
Sieve Size #200 - Percent Finer	STL01272	15.1						% Passing	32508	01/17/2012 16:07	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-10

Lab Sample ID: 600-48830-1
Client Matrix: Solid

Date Sampled: 01/12/2012 08:33
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	5.2						% Passing	32508	01/17/2012 16:07	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	5.2						% Passing	32508	01/17/2012 16:07	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	5.2						% Passing	32508	01/17/2012 16:07	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	4.4						% Passing	32508	01/17/2012 16:07	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	4.4						% Passing	32508	01/17/2012 16:07	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	4.4						% Passing	32508	01/17/2012 16:07	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	3.6						% Passing	32508	01/17/2012 16:07	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	15			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	85			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.897			0.0256	0.250	0.0300	mg/Kg	71033	01/27/2012 11:01	1	SRP
Lead	7439-92-1	6.57			0.105	0.500	0.123	mg/Kg	71033	01/27/2012 11:01	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	6.99			1.70	4.00	1.70	g/Kg	104671	01/24/2012 14:50	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-11

Lab Sample ID: 600-48830-2
Client Matrix: Solid

Date Sampled: 01/12/2012 08:55
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	53.2						%	32508	01/17/2012 16:10	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/17/2012 16:10	1	EMG
Sand	STL00582	40.6						%	32508	01/17/2012 16:10	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/17/2012 16:10	1	EMG
Coarse Sand	STL00583	26.1						%	32508	01/17/2012 16:10	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/17/2012 16:10	1	EMG
Medium Sand	STL00584	9.5						%	32508	01/17/2012 16:10	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/17/2012 16:10	1	EMG
Fine Sand	STL00585	5.0						%	32508	01/17/2012 16:10	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	85.6						% Passing	32508	01/17/2012 16:10	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	68.5						% Passing	32508	01/17/2012 16:10	1	EMG
Silt	STL00586	0.9						%	32508	01/17/2012 16:10	1	EMG
Clay	STL00587	5.3						%	32508	01/17/2012 16:10	1	EMG
Sieve Size #4 - Percent Finer	STL01274	46.8						% Passing	32508	01/17/2012 16:10	1	EMG
Sieve Size #10 - Percent Finer	STL01268	20.7						% Passing	32508	01/17/2012 16:10	1	EMG
Sieve Size #20 - Percent Finer	STL01271	13.2						% Passing	32508	01/17/2012 16:10	1	EMG
Sieve Size #40 - Percent Finer	STL01275	11.2						% Passing	32508	01/17/2012 16:10	1	EMG
Sieve Size #60 - Percent Finer	STL01276	9.0						% Passing	32508	01/17/2012 16:10	1	EMG
Sieve Size #80 - Percent Finer	STL01277	7.7						% Passing	32508	01/17/2012 16:10	1	EMG
Sieve Size #100 - Percent Finer	STL01269	7.1						% Passing	32508	01/17/2012 16:10	1	EMG
Sieve Size #200 - Percent Finer	STL01272	6.2						% Passing	32508	01/17/2012 16:10	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-11

Lab Sample ID: 600-48830-2
Client Matrix: Solid

Date Sampled: 01/12/2012 08:55
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	6.1						% Passing	32508	01/17/2012 16:10	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	6.1						% Passing	32508	01/17/2012 16:10	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	6.1						% Passing	32508	01/17/2012 16:10	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	5.3						% Passing	32508	01/17/2012 16:10	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	5.3						% Passing	32508	01/17/2012 16:10	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	5.3						% Passing	32508	01/17/2012 16:10	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	4.4						% Passing	32508	01/17/2012 16:10	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	13			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	87			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.768			0.0256	0.250	0.0286	mg/Kg	71033	01/27/2012 11:05	1	SRP
Lead	7439-92-1	8.82			0.105	0.500	0.117	mg/Kg	71033	01/27/2012 11:05	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	10.0			1.70	4.00	1.70	g/Kg	104671	01/24/2012 14:52	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-12

Lab Sample ID: 600-48830-3
Client Matrix: Solid

Date Sampled: 01/12/2012 09:24
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	35.2						%	32508	01/17/2012 16:14	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/17/2012 16:14	1	EMG
Sand	STL00582	19.8						%	32508	01/17/2012 16:14	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/17/2012 16:14	1	EMG
Coarse Sand	STL00583	9.8						%	32508	01/17/2012 16:14	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/17/2012 16:14	1	EMG
Medium Sand	STL00584	4.3						%	32508	01/17/2012 16:14	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/17/2012 16:14	1	EMG
Fine Sand	STL00585	5.7						%	32508	01/17/2012 16:14	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	89.2						% Passing	32508	01/17/2012 16:14	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	77.5						% Passing	32508	01/17/2012 16:14	1	EMG
Silt	STL00586	21.5						%	32508	01/17/2012 16:14	1	EMG
Clay	STL00587	23.5						%	32508	01/17/2012 16:14	1	EMG
Sieve Size #4 - Percent Finer	STL01274	64.8						% Passing	32508	01/17/2012 16:14	1	EMG
Sieve Size #10 - Percent Finer	STL01268	55.0						% Passing	32508	01/17/2012 16:14	1	EMG
Sieve Size #20 - Percent Finer	STL01271	52.1						% Passing	32508	01/17/2012 16:14	1	EMG
Sieve Size #40 - Percent Finer	STL01275	50.7						% Passing	32508	01/17/2012 16:14	1	EMG
Sieve Size #60 - Percent Finer	STL01276	49.5						% Passing	32508	01/17/2012 16:14	1	EMG
Sieve Size #80 - Percent Finer	STL01277	48.5						% Passing	32508	01/17/2012 16:14	1	EMG
Sieve Size #100 - Percent Finer	STL01269	47.7						% Passing	32508	01/17/2012 16:14	1	EMG
Sieve Size #200 - Percent Finer	STL01272	45.0						% Passing	32508	01/17/2012 16:14	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-12

Lab Sample ID: 600-48830-3
Client Matrix: Solid

Date Sampled: 01/12/2012 09:24
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	31.6						% Passing	32508	01/17/2012 16:14	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	29.6						% Passing	32508	01/17/2012 16:14	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	27.6						% Passing	32508	01/17/2012 16:14	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	25.6						% Passing	32508	01/17/2012 16:14	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	23.5						% Passing	32508	01/17/2012 16:14	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	21.5						% Passing	32508	01/17/2012 16:14	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	17.5						% Passing	32508	01/17/2012 16:14	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	23			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	77			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.723			0.0256	0.250	0.0328	mg/Kg	71033	01/27/2012 11:09	1	SRP
Lead	7439-92-1	17.7			0.105	0.500	0.134	mg/Kg	71033	01/27/2012 11:09	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	10.7			1.70	4.00	1.70	g/Kg	104671	01/24/2012 15:29	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-13

Lab Sample ID: 600-48830-4
Client Matrix: Solid

Date Sampled: 01/12/2012 09:40
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/16/2012 08:09		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	41.4						%	32508	01/19/2012 15:14	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/19/2012 15:14	1	EMG
Sand	STL00582	45.9						%	32508	01/19/2012 15:14	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/19/2012 15:14	1	EMG
Coarse Sand	STL00583	31.9						%	32508	01/19/2012 15:14	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/19/2012 15:14	1	EMG
Medium Sand	STL00584	13.0						%	32508	01/19/2012 15:14	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/19/2012 15:14	1	EMG
Fine Sand	STL00585	1.0						%	32508	01/19/2012 15:14	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/19/2012 15:14	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	80.3						% Passing	32508	01/19/2012 15:14	1	EMG
Silt	STL00586	7.9						%	32508	01/19/2012 15:14	1	EMG
Clay	STL00587	4.8						%	32508	01/19/2012 15:14	1	EMG
Sieve Size #4 - Percent Finer	STL01274	58.6						% Passing	32508	01/19/2012 15:14	1	EMG
Sieve Size #10 - Percent Finer	STL01268	26.7						% Passing	32508	01/19/2012 15:14	1	EMG
Sieve Size #20 - Percent Finer	STL01271	15.4						% Passing	32508	01/19/2012 15:14	1	EMG
Sieve Size #40 - Percent Finer	STL01275	13.7						% Passing	32508	01/19/2012 15:14	1	EMG
Sieve Size #60 - Percent Finer	STL01276	13.2						% Passing	32508	01/19/2012 15:14	1	EMG
Sieve Size #80 - Percent Finer	STL01277	13.1						% Passing	32508	01/19/2012 15:14	1	EMG
Sieve Size #100 - Percent Finer	STL01269	13.0						% Passing	32508	01/19/2012 15:14	1	EMG
Sieve Size #200 - Percent Finer	STL01272	12.7						% Passing	32508	01/19/2012 15:14	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-13

Lab Sample ID: 600-48830-4
Client Matrix: Solid

Date Sampled: 01/12/2012 09:40
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	5.6						% Passing	32508	01/19/2012 15:14	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	5.6						% Passing	32508	01/19/2012 15:14	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	5.6						% Passing	32508	01/19/2012 15:14	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	4.9						% Passing	32508	01/19/2012 15:14	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	4.9						% Passing	32508	01/19/2012 15:14	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	4.1						% Passing	32508	01/19/2012 15:14	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	3.3						% Passing	32508	01/19/2012 15:14	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	12			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	88			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	1.05			0.0256	0.250	0.0281	mg/Kg	71033	01/27/2012 12:27	1	SRP
Lead	7439-92-1	19.2			0.105	0.500	0.115	mg/Kg	71033	01/27/2012 12:27	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	3.78	J		1.70	4.00	1.70	g/Kg	104671	01/24/2012 15:32	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-14

Lab Sample ID: 600-48830-5
Client Matrix: Solid

Date Sampled: 01/12/2012 10:02
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	47.2						%	32508	01/17/2012 16:18	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/17/2012 16:18	1	EMG
Sand	STL00582	36.6						%	32508	01/17/2012 16:18	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/17/2012 16:18	1	EMG
Coarse Sand	STL00583	19.6						%	32508	01/17/2012 16:18	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/17/2012 16:18	1	EMG
Medium Sand	STL00584	10.2						%	32508	01/17/2012 16:18	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/17/2012 16:18	1	EMG
Fine Sand	STL00585	6.8						%	32508	01/17/2012 16:18	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/17/2012 16:18	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	71.8						% Passing	32508	01/17/2012 16:18	1	EMG
Silt	STL00586	7.7						%	32508	01/17/2012 16:18	1	EMG
Clay	STL00587	8.5						%	32508	01/17/2012 16:18	1	EMG
Sieve Size #4 - Percent Finer	STL01274	52.8						% Passing	32508	01/17/2012 16:18	1	EMG
Sieve Size #10 - Percent Finer	STL01268	33.2						% Passing	32508	01/17/2012 16:18	1	EMG
Sieve Size #20 - Percent Finer	STL01271	26.6						% Passing	32508	01/17/2012 16:18	1	EMG
Sieve Size #40 - Percent Finer	STL01275	23.0						% Passing	32508	01/17/2012 16:18	1	EMG
Sieve Size #60 - Percent Finer	STL01276	19.7						% Passing	32508	01/17/2012 16:18	1	EMG
Sieve Size #80 - Percent Finer	STL01277	18.2						% Passing	32508	01/17/2012 16:18	1	EMG
Sieve Size #100 - Percent Finer	STL01269	17.5						% Passing	32508	01/17/2012 16:18	1	EMG
Sieve Size #200 - Percent Finer	STL01272	16.2						% Passing	32508	01/17/2012 16:18	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-14

Lab Sample ID: 600-48830-5
Client Matrix: Solid

Date Sampled: 01/12/2012 10:02
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	11.9						% Passing	32508	01/17/2012 16:18	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	10.5						% Passing	32508	01/17/2012 16:18	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	9.8						% Passing	32508	01/17/2012 16:18	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	9.2						% Passing	32508	01/17/2012 16:18	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	8.5						% Passing	32508	01/17/2012 16:18	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	7.1						% Passing	32508	01/17/2012 16:18	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	5.7						% Passing	32508	01/17/2012 16:18	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	17			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	83			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.968			0.0256	0.250	0.0296	mg/Kg	71033	01/27/2012 11:13	1	SRP
Lead	7439-92-1	5.70			0.105	0.500	0.121	mg/Kg	71033	01/27/2012 11:13	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	10.1			1.70	4.00	1.70	g/Kg	104671	01/24/2012 15:34	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-15

Lab Sample ID: 600-48830-6
Client Matrix: Solid

Date Sampled: 01/12/2012 10:20
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	11.6						%	32508	01/17/2012 16:21	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/17/2012 16:21	1	EMG
Sand	STL00582	53.6						%	32508	01/17/2012 16:21	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/17/2012 16:21	1	EMG
Coarse Sand	STL00583	17.0						%	32508	01/17/2012 16:21	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/17/2012 16:21	1	EMG
Medium Sand	STL00584	26.6						%	32508	01/17/2012 16:21	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/17/2012 16:21	1	EMG
Fine Sand	STL00585	10.0						%	32508	01/17/2012 16:21	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/17/2012 16:21	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	97.4						% Passing	32508	01/17/2012 16:21	1	EMG
Silt	STL00586	20.0						%	32508	01/17/2012 16:21	1	EMG
Clay	STL00587	14.8						%	32508	01/17/2012 16:21	1	EMG
Sieve Size #4 - Percent Finer	STL01274	88.4						% Passing	32508	01/17/2012 16:21	1	EMG
Sieve Size #10 - Percent Finer	STL01268	71.4						% Passing	32508	01/17/2012 16:21	1	EMG
Sieve Size #20 - Percent Finer	STL01271	58.8						% Passing	32508	01/17/2012 16:21	1	EMG
Sieve Size #40 - Percent Finer	STL01275	44.8						% Passing	32508	01/17/2012 16:21	1	EMG
Sieve Size #60 - Percent Finer	STL01276	38.7						% Passing	32508	01/17/2012 16:21	1	EMG
Sieve Size #80 - Percent Finer	STL01277	37.2						% Passing	32508	01/17/2012 16:21	1	EMG
Sieve Size #100 - Percent Finer	STL01269	36.5						% Passing	32508	01/17/2012 16:21	1	EMG
Sieve Size #200 - Percent Finer	STL01272	34.8						% Passing	32508	01/17/2012 16:21	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-15

Lab Sample ID: 600-48830-6
Client Matrix: Solid

Date Sampled: 01/12/2012 10:20
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	20.0						% Passing	32508	01/17/2012 16:21	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	18.2						% Passing	32508	01/17/2012 16:21	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	17.4						% Passing	32508	01/17/2012 16:21	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	16.5						% Passing	32508	01/17/2012 16:21	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	14.8						% Passing	32508	01/17/2012 16:21	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	12.3						% Passing	32508	01/17/2012 16:21	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	10.5						% Passing	32508	01/17/2012 16:21	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	22			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	78			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.710			0.0256	0.250	0.0329	mg/Kg	71033	01/27/2012 11:17	1	SRP
Lead	7439-92-1	10.6			0.105	0.500	0.135	mg/Kg	71033	01/27/2012 11:17	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	10.7			1.70	4.00	1.70	g/Kg	104671	01/24/2012 15:36	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-16

Lab Sample ID: 600-48830-7
Client Matrix: Solid

Date Sampled: 01/12/2012 11:06
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	30.9						%	32508	01/17/2012 16:24	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/17/2012 16:24	1	EMG
Sand	STL00582	50.5						%	32508	01/17/2012 16:24	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/17/2012 16:24	1	EMG
Coarse Sand	STL00583	31.2						%	32508	01/17/2012 16:24	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/17/2012 16:24	1	EMG
Medium Sand	STL00584	9.9						%	32508	01/17/2012 16:24	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/17/2012 16:24	1	EMG
Fine Sand	STL00585	9.4						%	32508	01/17/2012 16:24	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/17/2012 16:24	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	89.3						% Passing	32508	01/17/2012 16:24	1	EMG
Silt	STL00586	9.6						%	32508	01/17/2012 16:24	1	EMG
Clay	STL00587	9.0						%	32508	01/17/2012 16:24	1	EMG
Sieve Size #4 - Percent Finer	STL01274	69.1						% Passing	32508	01/17/2012 16:24	1	EMG
Sieve Size #10 - Percent Finer	STL01268	37.9						% Passing	32508	01/17/2012 16:24	1	EMG
Sieve Size #20 - Percent Finer	STL01271	29.9						% Passing	32508	01/17/2012 16:24	1	EMG
Sieve Size #40 - Percent Finer	STL01275	28.0						% Passing	32508	01/17/2012 16:24	1	EMG
Sieve Size #60 - Percent Finer	STL01276	25.6						% Passing	32508	01/17/2012 16:24	1	EMG
Sieve Size #80 - Percent Finer	STL01277	23.1						% Passing	32508	01/17/2012 16:24	1	EMG
Sieve Size #100 - Percent Finer	STL01269	21.6						% Passing	32508	01/17/2012 16:24	1	EMG
Sieve Size #200 - Percent Finer	STL01272	18.6						% Passing	32508	01/17/2012 16:24	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-16

Lab Sample ID: 600-48830-7
Client Matrix: Solid

Date Sampled: 01/12/2012 11:06
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	12.2						% Passing	32508	01/17/2012 16:24	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	12.2						% Passing	32508	01/17/2012 16:24	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	11.2						% Passing	32508	01/17/2012 16:24	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	10.1						% Passing	32508	01/17/2012 16:24	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	9.0						% Passing	32508	01/17/2012 16:24	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	7.9						% Passing	32508	01/17/2012 16:24	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	6.8						% Passing	32508	01/17/2012 16:24	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	20			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	80			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	1.19			0.0256	0.250	0.0305	mg/Kg	71033	01/27/2012 11:20	1	SRP
Lead	7439-92-1	17.8			0.105	0.500	0.125	mg/Kg	71033	01/27/2012 11:20	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	9.60			1.70	4.00	1.70	g/Kg	104671	01/24/2012 15:38	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-17

Lab Sample ID: 600-48830-8
Client Matrix: Solid

Date Sampled: 01/12/2012 11:31
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	38.4						%	32508	01/17/2012 16:26	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/17/2012 16:26	1	EMG
Sand	STL00582	44.0						%	32508	01/17/2012 16:26	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/17/2012 16:26	1	EMG
Coarse Sand	STL00583	25.2						%	32508	01/17/2012 16:26	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/17/2012 16:26	1	EMG
Medium Sand	STL00584	7.5						%	32508	01/17/2012 16:26	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/17/2012 16:26	1	EMG
Fine Sand	STL00585	11.3						%	32508	01/17/2012 16:26	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/17/2012 16:26	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	85.2						% Passing	32508	01/17/2012 16:26	1	EMG
Silt	STL00586	6.9						%	32508	01/17/2012 16:26	1	EMG
Clay	STL00587	10.7						%	32508	01/17/2012 16:26	1	EMG
Sieve Size #4 - Percent Finer	STL01274	61.6						% Passing	32508	01/17/2012 16:26	1	EMG
Sieve Size #10 - Percent Finer	STL01268	36.4						% Passing	32508	01/17/2012 16:26	1	EMG
Sieve Size #20 - Percent Finer	STL01271	32.5						% Passing	32508	01/17/2012 16:26	1	EMG
Sieve Size #40 - Percent Finer	STL01275	28.9						% Passing	32508	01/17/2012 16:26	1	EMG
Sieve Size #60 - Percent Finer	STL01276	24.2						% Passing	32508	01/17/2012 16:26	1	EMG
Sieve Size #80 - Percent Finer	STL01277	21.4						% Passing	32508	01/17/2012 16:26	1	EMG
Sieve Size #100 - Percent Finer	STL01269	20.0						% Passing	32508	01/17/2012 16:26	1	EMG
Sieve Size #200 - Percent Finer	STL01272	17.6						% Passing	32508	01/17/2012 16:26	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-17

Lab Sample ID: 600-48830-8
Client Matrix: Solid

Date Sampled: 01/12/2012 11:31
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	15.6						% Passing	32508	01/17/2012 16:26	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	14.4						% Passing	32508	01/17/2012 16:26	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	13.2						% Passing	32508	01/17/2012 16:26	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	11.9						% Passing	32508	01/17/2012 16:26	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	10.7						% Passing	32508	01/17/2012 16:26	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	9.5						% Passing	32508	01/17/2012 16:26	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	7.6						% Passing	32508	01/17/2012 16:26	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	19			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	81			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.779			0.0256	0.250	0.0300	mg/Kg	71033	01/27/2012 11:24	1	SRP
Lead	7439-92-1	28.2			0.105	0.500	0.123	mg/Kg	71033	01/27/2012 11:24	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	13.9			1.70	4.00	1.70	g/Kg	104671	01/24/2012 15:40	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-18

Lab Sample ID: 600-48830-9
Client Matrix: Solid

Date Sampled: 01/12/2012 11:51
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	34.8						%	32508	01/17/2012 16:29	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/17/2012 16:29	1	EMG
Sand	STL00582	49.5						%	32508	01/17/2012 16:29	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/17/2012 16:29	1	EMG
Coarse Sand	STL00583	35.6						%	32508	01/17/2012 16:29	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/17/2012 16:29	1	EMG
Medium Sand	STL00584	8.5						%	32508	01/17/2012 16:29	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/17/2012 16:29	1	EMG
Fine Sand	STL00585	5.4						%	32508	01/17/2012 16:29	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/17/2012 16:29	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	85.9						% Passing	32508	01/17/2012 16:29	1	EMG
Silt	STL00586	9.5						%	32508	01/17/2012 16:29	1	EMG
Clay	STL00587	6.2						%	32508	01/17/2012 16:29	1	EMG
Sieve Size #4 - Percent Finer	STL01274	65.2						% Passing	32508	01/17/2012 16:29	1	EMG
Sieve Size #10 - Percent Finer	STL01268	29.6						% Passing	32508	01/17/2012 16:29	1	EMG
Sieve Size #20 - Percent Finer	STL01271	24.7						% Passing	32508	01/17/2012 16:29	1	EMG
Sieve Size #40 - Percent Finer	STL01275	21.1						% Passing	32508	01/17/2012 16:29	1	EMG
Sieve Size #60 - Percent Finer	STL01276	18.3						% Passing	32508	01/17/2012 16:29	1	EMG
Sieve Size #80 - Percent Finer	STL01277	17.1						% Passing	32508	01/17/2012 16:29	1	EMG
Sieve Size #100 - Percent Finer	STL01269	16.6						% Passing	32508	01/17/2012 16:29	1	EMG
Sieve Size #200 - Percent Finer	STL01272	15.7						% Passing	32508	01/17/2012 16:29	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-18

Lab Sample ID: 600-48830-9
Client Matrix: Solid

Date Sampled: 01/12/2012 11:51
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	8.4						% Passing	32508	01/17/2012 16:29	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	8.4						% Passing	32508	01/17/2012 16:29	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	7.7						% Passing	32508	01/17/2012 16:29	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	6.9						% Passing	32508	01/17/2012 16:29	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	6.2						% Passing	32508	01/17/2012 16:29	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	5.5						% Passing	32508	01/17/2012 16:29	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	4.6						% Passing	32508	01/17/2012 16:29	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	16			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	84			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.818			0.0256	0.250	0.0294	mg/Kg	71033	01/27/2012 11:28	1	SRP
Lead	7439-92-1	20.1			0.105	0.500	0.120	mg/Kg	71033	01/27/2012 11:28	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-19

Lab Sample ID: 600-48830-10
Client Matrix: Solid

Date Sampled: 01/12/2012 14:00
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	30.8						%	32508	01/19/2012 15:16	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/19/2012 15:16	1	EMG
Sand	STL00582	57.4						%	32508	01/19/2012 15:16	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/19/2012 15:16	1	EMG
Coarse Sand	STL00583	23.5						%	32508	01/19/2012 15:16	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/19/2012 15:16	1	EMG
Medium Sand	STL00584	25.6						%	32508	01/19/2012 15:16	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/19/2012 15:16	1	EMG
Fine Sand	STL00585	8.3						%	32508	01/19/2012 15:16	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/19/2012 15:16	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	90.4						% Passing	32508	01/19/2012 15:16	1	EMG
Silt	STL00586	4.8						%	32508	01/19/2012 15:16	1	EMG
Clay	STL00587	7.0						%	32508	01/19/2012 15:16	1	EMG
Sieve Size #4 - Percent Finer	STL01274	69.2						% Passing	32508	01/19/2012 15:16	1	EMG
Sieve Size #10 - Percent Finer	STL01268	45.7						% Passing	32508	01/19/2012 15:16	1	EMG
Sieve Size #20 - Percent Finer	STL01271	29.5						% Passing	32508	01/19/2012 15:16	1	EMG
Sieve Size #40 - Percent Finer	STL01275	20.1						% Passing	32508	01/19/2012 15:16	1	EMG
Sieve Size #60 - Percent Finer	STL01276	14.8						% Passing	32508	01/19/2012 15:16	1	EMG
Sieve Size #80 - Percent Finer	STL01277	13.2						% Passing	32508	01/19/2012 15:16	1	EMG
Sieve Size #100 - Percent Finer	STL01269	12.6						% Passing	32508	01/19/2012 15:16	1	EMG
Sieve Size #200 - Percent Finer	STL01272	11.8						% Passing	32508	01/19/2012 15:16	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-19

Lab Sample ID: 600-48830-10
Client Matrix: Solid

Date Sampled: 01/12/2012 14:00
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	8.5						% Passing	32508	01/19/2012 15:16	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	8.5						% Passing	32508	01/19/2012 15:16	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	7.8						% Passing	32508	01/19/2012 15:16	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	7.0						% Passing	32508	01/19/2012 15:16	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	7.0						% Passing	32508	01/19/2012 15:16	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	5.5						% Passing	32508	01/19/2012 15:16	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	4.7						% Passing	32508	01/19/2012 15:16	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	16			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	84			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.975			0.0256	0.250	0.0292	mg/Kg	71033	01/27/2012 11:40	1	SRP
Lead	7439-92-1	23.4			0.105	0.500	0.119	mg/Kg	71033	01/27/2012 11:40	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	15.1			1.70	4.00	1.70	g/Kg	104671	01/24/2012 15:42	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-20

Lab Sample ID: 600-48830-11
Client Matrix: Solid

Date Sampled: 01/12/2012 14:16
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	39.4						%	32508	01/19/2012 15:18	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/19/2012 15:18	1	EMG
Sand	STL00582	44.1						%	32508	01/19/2012 15:18	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/19/2012 15:18	1	EMG
Coarse Sand	STL00583	24.0						%	32508	01/19/2012 15:18	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/19/2012 15:18	1	EMG
Medium Sand	STL00584	16.4						%	32508	01/19/2012 15:18	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/19/2012 15:18	1	EMG
Fine Sand	STL00585	3.7						%	32508	01/19/2012 15:18	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	83.0						% Passing	32508	01/19/2012 15:18	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	81.5						% Passing	32508	01/19/2012 15:18	1	EMG
Silt	STL00586	11.3						%	32508	01/19/2012 15:18	1	EMG
Clay	STL00587	5.2						%	32508	01/19/2012 15:18	1	EMG
Sieve Size #4 - Percent Finer	STL01274	60.6						% Passing	32508	01/19/2012 15:18	1	EMG
Sieve Size #10 - Percent Finer	STL01268	36.6						% Passing	32508	01/19/2012 15:18	1	EMG
Sieve Size #20 - Percent Finer	STL01271	25.8						% Passing	32508	01/19/2012 15:18	1	EMG
Sieve Size #40 - Percent Finer	STL01275	20.2						% Passing	32508	01/19/2012 15:18	1	EMG
Sieve Size #60 - Percent Finer	STL01276	17.8						% Passing	32508	01/19/2012 15:18	1	EMG
Sieve Size #80 - Percent Finer	STL01277	17.2						% Passing	32508	01/19/2012 15:18	1	EMG
Sieve Size #100 - Percent Finer	STL01269	17.0						% Passing	32508	01/19/2012 15:18	1	EMG
Sieve Size #200 - Percent Finer	STL01272	16.5						% Passing	32508	01/19/2012 15:18	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-20

Lab Sample ID: 600-48830-11
Client Matrix: Solid

Date Sampled: 01/12/2012 14:16
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	6.6						% Passing	32508	01/19/2012 15:18	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	5.9						% Passing	32508	01/19/2012 15:18	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	5.9						% Passing	32508	01/19/2012 15:18	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	5.2						% Passing	32508	01/19/2012 15:18	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	5.2						% Passing	32508	01/19/2012 15:18	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	4.5						% Passing	32508	01/19/2012 15:18	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	3.7						% Passing	32508	01/19/2012 15:18	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	17			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	83			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.688			0.0256	0.250	0.0297	mg/Kg	71033	01/27/2012 11:43	1	SRP
Lead	7439-92-1	12.1			0.105	0.500	0.122	mg/Kg	71033	01/27/2012 11:43	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	22.1			1.70	4.00	1.70	g/Kg	104671	01/24/2012 15:45	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-21

Lab Sample ID: 600-48830-12
Client Matrix: Solid

Date Sampled: 01/12/2012 14:35
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	67.6						%	32508	01/19/2012 15:20	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/19/2012 15:20	1	EMG
Sand	STL00582	24.5						%	32508	01/19/2012 15:20	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/19/2012 15:20	1	EMG
Coarse Sand	STL00583	15.9						%	32508	01/19/2012 15:20	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/19/2012 15:20	1	EMG
Medium Sand	STL00584	7.3						%	32508	01/19/2012 15:20	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/19/2012 15:20	1	EMG
Fine Sand	STL00585	1.3						%	32508	01/19/2012 15:20	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	84.8						% Passing	32508	01/19/2012 15:20	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	60.1						% Passing	32508	01/19/2012 15:20	1	EMG
Silt	STL00586	5.4						%	32508	01/19/2012 15:20	1	EMG
Clay	STL00587	2.5						%	32508	01/19/2012 15:20	1	EMG
Sieve Size #4 - Percent Finer	STL01274	32.4						% Passing	32508	01/19/2012 15:20	1	EMG
Sieve Size #10 - Percent Finer	STL01268	16.5						% Passing	32508	01/19/2012 15:20	1	EMG
Sieve Size #20 - Percent Finer	STL01271	11.1						% Passing	32508	01/19/2012 15:20	1	EMG
Sieve Size #40 - Percent Finer	STL01275	9.2						% Passing	32508	01/19/2012 15:20	1	EMG
Sieve Size #60 - Percent Finer	STL01276	8.4						% Passing	32508	01/19/2012 15:20	1	EMG
Sieve Size #80 - Percent Finer	STL01277	8.2						% Passing	32508	01/19/2012 15:20	1	EMG
Sieve Size #100 - Percent Finer	STL01269	8.1						% Passing	32508	01/19/2012 15:20	1	EMG
Sieve Size #200 - Percent Finer	STL01272	7.9						% Passing	32508	01/19/2012 15:20	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-21

Lab Sample ID: 600-48830-12
Client Matrix: Solid

Date Sampled: 01/12/2012 14:35
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	3.3						% Passing	32508	01/19/2012 15:20	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	3.3						% Passing	32508	01/19/2012 15:20	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	3.3						% Passing	32508	01/19/2012 15:20	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	2.5						% Passing	32508	01/19/2012 15:20	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	2.5						% Passing	32508	01/19/2012 15:20	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	1.7						% Passing	32508	01/19/2012 15:20	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	1.7						% Passing	32508	01/19/2012 15:20	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	11			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	89			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	1.11			0.0256	0.250	0.0283	mg/Kg	71033	01/27/2012 11:47	1	SRP
Lead	7439-92-1	10.4			0.105	0.500	0.116	mg/Kg	71033	01/27/2012 11:47	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	32.6			1.70	4.00	1.70	g/Kg	104671	01/24/2012 15:54	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-22

Lab Sample ID: 600-48830-13
Client Matrix: Solid

Date Sampled: 01/12/2012 15:06
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	42.5						%	32508	01/19/2012 15:23	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/19/2012 15:23	1	EMG
Sand	STL00582	38.7						%	32508	01/19/2012 15:23	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/19/2012 15:23	1	EMG
Coarse Sand	STL00583	26.0						%	32508	01/19/2012 15:23	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/19/2012 15:23	1	EMG
Medium Sand	STL00584	11.8						%	32508	01/19/2012 15:23	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/19/2012 15:23	1	EMG
Fine Sand	STL00585	0.9						%	32508	01/19/2012 15:23	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/19/2012 15:23	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	80.5						% Passing	32508	01/19/2012 15:23	1	EMG
Silt	STL00586	15.2						%	32508	01/19/2012 15:23	1	EMG
Clay	STL00587	3.6						%	32508	01/19/2012 15:23	1	EMG
Sieve Size #4 - Percent Finer	STL01274	57.5						% Passing	32508	01/19/2012 15:23	1	EMG
Sieve Size #10 - Percent Finer	STL01268	31.5						% Passing	32508	01/19/2012 15:23	1	EMG
Sieve Size #20 - Percent Finer	STL01271	21.4						% Passing	32508	01/19/2012 15:23	1	EMG
Sieve Size #40 - Percent Finer	STL01275	19.7						% Passing	32508	01/19/2012 15:23	1	EMG
Sieve Size #60 - Percent Finer	STL01276	19.2						% Passing	32508	01/19/2012 15:23	1	EMG
Sieve Size #80 - Percent Finer	STL01277	19.1						% Passing	32508	01/19/2012 15:23	1	EMG
Sieve Size #100 - Percent Finer	STL01269	19.0						% Passing	32508	01/19/2012 15:23	1	EMG
Sieve Size #200 - Percent Finer	STL01272	18.8						% Passing	32508	01/19/2012 15:23	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-22

Lab Sample ID: 600-48830-13
Client Matrix: Solid

Date Sampled: 01/12/2012 15:06
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	4.4						% Passing	32508	01/19/2012 15:23	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	4.4						% Passing	32508	01/19/2012 15:23	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	4.3						% Passing	32508	01/19/2012 15:23	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	3.6						% Passing	32508	01/19/2012 15:23	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	3.6						% Passing	32508	01/19/2012 15:23	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	2.9						% Passing	32508	01/19/2012 15:23	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	2.2						% Passing	32508	01/19/2012 15:23	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	12			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	88			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	1.06			0.0256	0.250	0.0289	mg/Kg	71033	01/27/2012 12:03	1	SRP
Lead	7439-92-1	10.4			0.105	0.500	0.118	mg/Kg	71033	01/27/2012 12:03	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	26.5			1.70	4.00	1.70	g/Kg	104671	01/24/2012 16:03	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-23

Lab Sample ID: 600-48830-14
Client Matrix: Solid

Date Sampled: 01/12/2012 15:43
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	52.4						%	32508	01/19/2012 15:26	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/19/2012 15:26	1	EMG
Sand	STL00582	36.1						%	32508	01/19/2012 15:26	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/19/2012 15:26	1	EMG
Coarse Sand	STL00583	22.6						%	32508	01/19/2012 15:26	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/19/2012 15:26	1	EMG
Medium Sand	STL00584	11.0						%	32508	01/19/2012 15:26	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/19/2012 15:26	1	EMG
Fine Sand	STL00585	2.5						%	32508	01/19/2012 15:26	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	85.7						% Passing	32508	01/19/2012 15:26	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	71.5						% Passing	32508	01/19/2012 15:26	1	EMG
Silt	STL00586	7.9						%	32508	01/19/2012 15:26	1	EMG
Clay	STL00587	3.6						%	32508	01/19/2012 15:26	1	EMG
Sieve Size #4 - Percent Finer	STL01274	47.6						% Passing	32508	01/19/2012 15:26	1	EMG
Sieve Size #10 - Percent Finer	STL01268	25.0						% Passing	32508	01/19/2012 15:26	1	EMG
Sieve Size #20 - Percent Finer	STL01271	16.9						% Passing	32508	01/19/2012 15:26	1	EMG
Sieve Size #40 - Percent Finer	STL01275	14.0						% Passing	32508	01/19/2012 15:26	1	EMG
Sieve Size #60 - Percent Finer	STL01276	12.5						% Passing	32508	01/19/2012 15:26	1	EMG
Sieve Size #80 - Percent Finer	STL01277	12.1						% Passing	32508	01/19/2012 15:26	1	EMG
Sieve Size #100 - Percent Finer	STL01269	11.9						% Passing	32508	01/19/2012 15:26	1	EMG
Sieve Size #200 - Percent Finer	STL01272	11.5						% Passing	32508	01/19/2012 15:26	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-23

Lab Sample ID: 600-48830-14
Client Matrix: Solid

Date Sampled: 01/12/2012 15:43
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	5.0						% Passing	32508	01/19/2012 15:26	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	5.0						% Passing	32508	01/19/2012 15:26	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	5.0						% Passing	32508	01/19/2012 15:26	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	4.3						% Passing	32508	01/19/2012 15:26	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	3.6						% Passing	32508	01/19/2012 15:26	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	2.9						% Passing	32508	01/19/2012 15:26	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	2.2						% Passing	32508	01/19/2012 15:26	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	13			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	87			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.996			0.0256	0.250	0.0281	mg/Kg	71033	01/27/2012 12:07	1	SRP
Lead	7439-92-1	11.1			0.105	0.500	0.115	mg/Kg	71033	01/27/2012 12:07	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	42.4			1.70	4.00	1.70	g/Kg	104671	01/24/2012 16:05	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-24

Lab Sample ID: 600-48830-15
Client Matrix: Solid

Date Sampled: 01/12/2012 16:00
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	28.5						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/19/2012 15:30	1	EMG
Sand	STL00582	53.2						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/19/2012 15:30	1	EMG
Coarse Sand	STL00583	14.9						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/19/2012 15:30	1	EMG
Medium Sand	STL00584	27.8						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/19/2012 15:30	1	EMG
Fine Sand	STL00585	10.5						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	83.1						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	78.9						% Passing	32508	01/19/2012 15:30	1	EMG
Silt	STL00586	9.7						%	32508	01/19/2012 15:30	1	EMG
Clay	STL00587	8.6						%	32508	01/19/2012 15:30	1	EMG
Sieve Size #4 - Percent Finer	STL01274	71.5						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #10 - Percent Finer	STL01268	56.6						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #20 - Percent Finer	STL01271	40.2						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #40 - Percent Finer	STL01275	28.8						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #60 - Percent Finer	STL01276	21.8						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #80 - Percent Finer	STL01277	20.0						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #100 - Percent Finer	STL01269	19.4						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #200 - Percent Finer	STL01272	18.3						% Passing	32508	01/19/2012 15:30	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-24

Lab Sample ID: 600-48830-15
Client Matrix: Solid

Date Sampled: 01/12/2012 16:00
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	12.2						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	11.6						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	10.4						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	9.8						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	8.6						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	7.4						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	5.5						% Passing	32508	01/19/2012 15:30	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	22			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	78			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.743			0.0256	0.250	0.0319	mg/Kg	71033	01/27/2012 12:10	1	SRP
Lead	7439-92-1	19.7			0.105	0.500	0.131	mg/Kg	71033	01/27/2012 12:10	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	8.68			1.70	4.00	1.70	g/Kg	104671	01/24/2012 16:08	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-25

Lab Sample ID: 600-48830-16
Client Matrix: Solid

Date Sampled: 01/12/2012 16:35
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?: Y		
Preparation, Metals		Complete							70087	01/14/2012 11:21		NER
Method: ASTM D422,Solid										Dry Weight Corrected?: N		
Gravel	STL00581	34.1						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 3 inch - Percent Finer	STL01283	100.0						% Passing	32508	01/19/2012 15:30	1	EMG
Sand	STL00582	46.2						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 2 inch - Percent Finer	STL01282	100.0						% Passing	32508	01/19/2012 15:30	1	EMG
Coarse Sand	STL00583	23.6						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 1.5 inch - Percent Finer	STL01281	100.0						% Passing	32508	01/19/2012 15:30	1	EMG
Medium Sand	STL00584	20.5						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 1 inch - Percent Finer	STL01280	100.0						% Passing	32508	01/19/2012 15:30	1	EMG
Fine Sand	STL00585	2.1						%	32508	01/19/2012 15:30	1	EMG
Sieve Size 0.75 inch - Percent Finer	STL01279	100.0						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size 0.375 inch - Percent Finer	STL01278	83.7						% Passing	32508	01/19/2012 15:30	1	EMG
Silt	STL00586	15.5						%	32508	01/19/2012 15:30	1	EMG
Clay	STL00587	4.2						%	32508	01/19/2012 15:30	1	EMG
Sieve Size #4 - Percent Finer	STL01274	65.9						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #10 - Percent Finer	STL01268	42.3						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #20 - Percent Finer	STL01271	27.2						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #40 - Percent Finer	STL01275	21.8						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #60 - Percent Finer	STL01276	20.5						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #80 - Percent Finer	STL01277	20.2						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #100 - Percent Finer	STL01269	20.1						% Passing	32508	01/19/2012 15:30	1	EMG
Sieve Size #200 - Percent Finer	STL01272	19.7						% Passing	32508	01/19/2012 15:30	1	EMG

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SED-25

Lab Sample ID: 600-48830-16
Client Matrix: Solid

Date Sampled: 01/12/2012 16:35
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Hydrometer Reading 1 - Percent Finer	STL01284	5.7						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 2 - Percent Finer	STL01285	5.7						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 3 - Percent Finer	STL01286	5.7						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 4 - Percent Finer	STL01287	4.9						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 5 - Percent Finer	STL01288	4.2						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 6 - Percent Finer	STL01290	3.4						% Passing	32508	01/19/2012 15:30	1	EMG
Hydrometer Reading 7 - Percent Finer	STL01291	2.5						% Passing	32508	01/19/2012 15:30	1	EMG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	13			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Percent Solids	STL00234	87			1.0	1.0	1.0	%	70134	01/16/2012 11:32	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?: Y		
Cadmium	7440-43-9	0.827			0.0256	0.250	0.0290	mg/Kg	71033	01/27/2012 12:14	1	SRP
Lead	7439-92-1	11.9			0.105	0.500	0.119	mg/Kg	71033	01/27/2012 12:14	1	SRP
Method: SW846 9060A,Solid										Dry Weight Corrected?: N		
Total Organic Carbon	7440-44-0	35.5			1.70	4.00	1.70	g/Kg	104671	01/24/2012 16:10	1	PMP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48830-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: EQUIPMENT BLANK 6

Lab Sample ID: 600-48830-17
Client Matrix: Water

Date Sampled: 01/12/2012 16:50
Date Received: 01/13/2012 09:45

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70081	01/14/2012 08:30		DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70835	01/25/2012 09:24	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70835	01/25/2012 09:24	1	DCL
Method: SW846 9060A,Water												
Total Organic Carbon - Duplicates	7440-44-0	0.340	J		0.155	1.00	0.155	mg/L	104369	01/21/2012 03:15	1	GEY

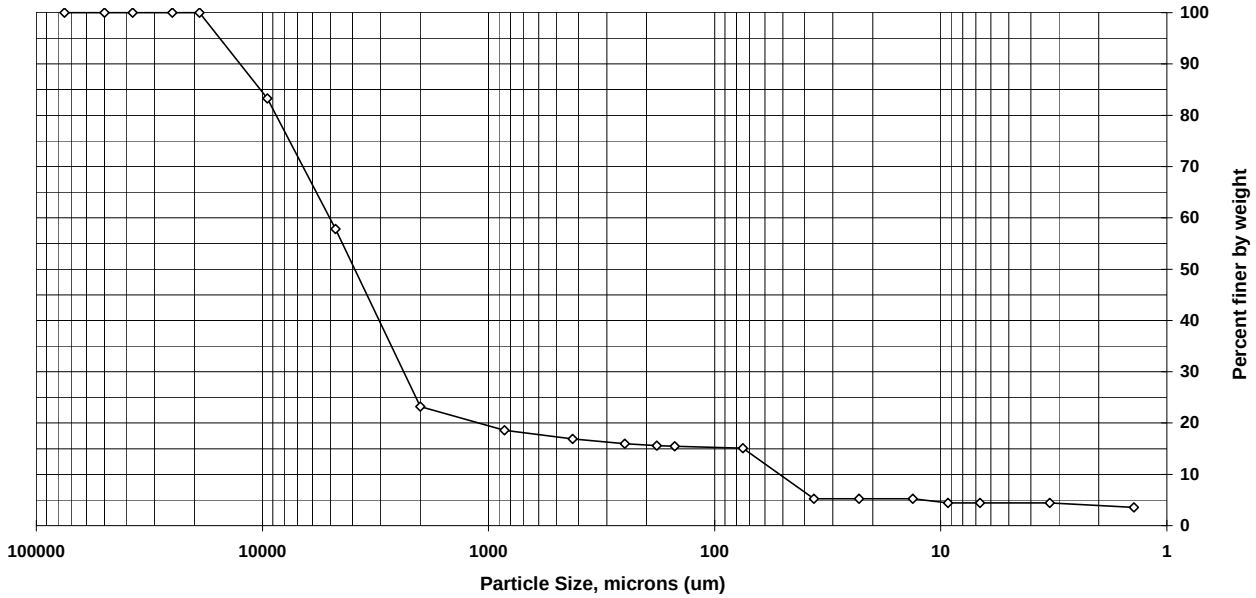
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-10	**Percent Solids:**	87.3%	**Start Date:**	01/17/12
Lab ID:	600-48830-B-1	**Specific Gravity:**	2.650	**End Date:**	01/20/12

Shape (> #10): rounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	83.3	16.7
#4	4750	57.8	25.5
#10	2000	23.2	34.6
#20	850	18.6	4.6
#40	425	16.9	1.7
#60	250	16.0	0.9
#80	180	15.6	0.4
#100	150	15.5	0.1
#200	75	15.1	0.4
Hyd1	36.4	5.2	9.9
Hyd2	23	5.2	0.0
Hyd3	13.3	5.2	0.0
Hyd4	9.3	4.4	0.8
Hyd5	6.7	4.4	0.0
Hyd6	3.3	4.4	0.0
Hyd7	1.4	3.6	0.8

Soil Classification	Percent of sample
Gravel	42.2
Sand	42.7
Coarse Sand	34.6
Medium Sand	6.3
Fine Sand	1.8
Silt	10.7
Clay	4.4

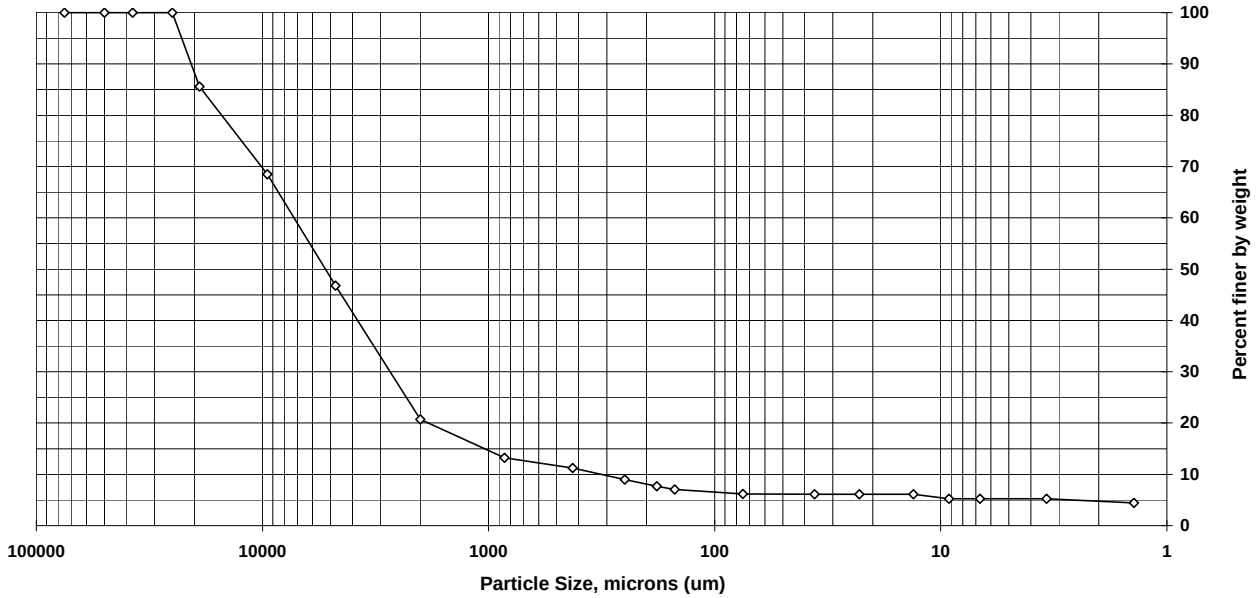
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-11	**Percent Solids:**	87.3%	**Start Date:**	01/17/12
Lab ID:	600-48830-B-2	**Specific Gravity:**	2.650	**End Date:**	01/20/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	85.6	14.4
3/8 inch	9500	68.5	17.1
#4	4750	46.8	21.7
#10	2000	20.7	26.1
#20	850	13.2	7.5
#40	425	11.2	2.0
#60	250	9.0	2.2
#80	180	7.7	1.3
#100	150	7.1	0.6
#200	75	6.2	0.9
Hyd1	36.2	6.1	0.1
Hyd2	22.9	6.1	0.0
Hyd3	13.2	6.1	0.0
Hyd4	9.2	5.3	0.8
Hyd5	6.7	5.3	0.0
Hyd6	3.4	5.3	0.0
Hyd7	1.4	4.4	0.8

Soil Classification	Percent of sample
Gravel	53.2
Sand	40.6
Coarse Sand	26.1
Medium Sand	9.5
Fine Sand	5.0
Silt	0.9
Clay	5.3

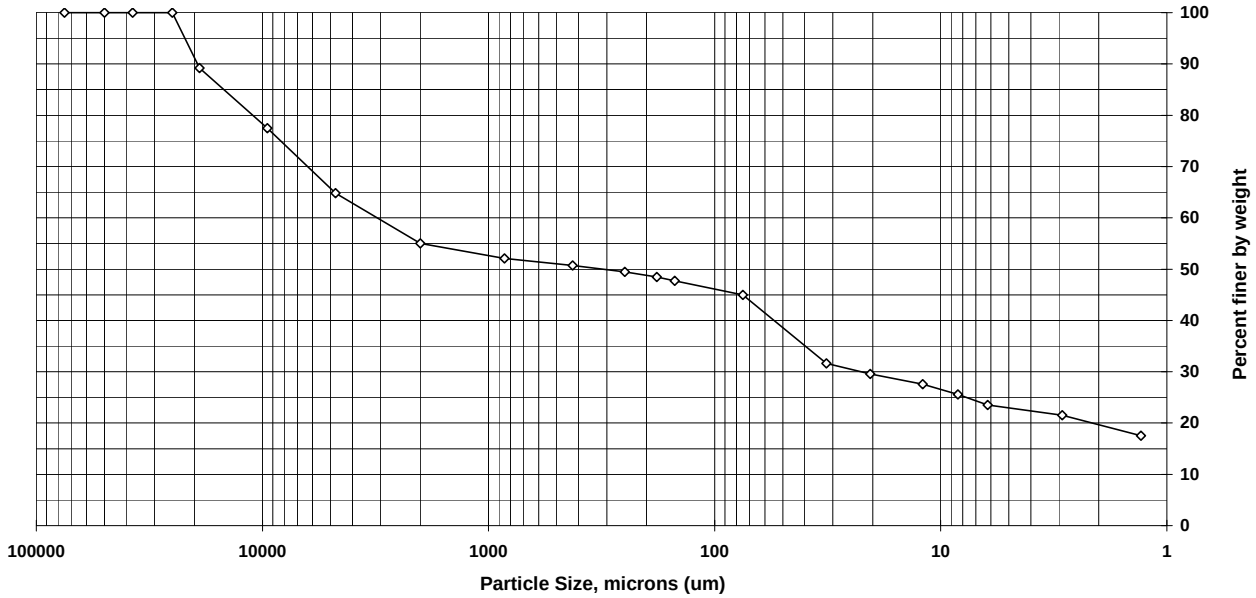
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-12	**Percent Solids:**	84.1%	**Start Date:**	01/17/12
Lab ID:	600-48830-B-3	**Specific Gravity:**	2.650	**End Date:**	01/20/12

Shape (> #10): subangular

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	89.2	10.8
3/8 inch	9500	77.5	11.7
#4	4750	64.8	12.7
#10	2000	55.0	9.8
#20	850	52.1	2.9
#40	425	50.7	1.4
#60	250	49.5	1.2
#80	180	48.5	1.0
#100	150	47.7	0.8
#200	75	45.0	2.7
Hyd1	32	31.6	13.4
Hyd2	20.5	29.6	2.0
Hyd3	12	27.6	2.0
Hyd4	8.4	25.6	2.0
Hyd5	6.2	23.5	2.1
Hyd6	2.9	21.5	2.0
Hyd7	1.3	17.5	4.0

Soil Classification	Percent of sample
Gravel	35.2
Sand	19.8
Coarse Sand	9.8
Medium Sand	4.3
Fine Sand	5.7
Silt	21.5
Clay	23.5

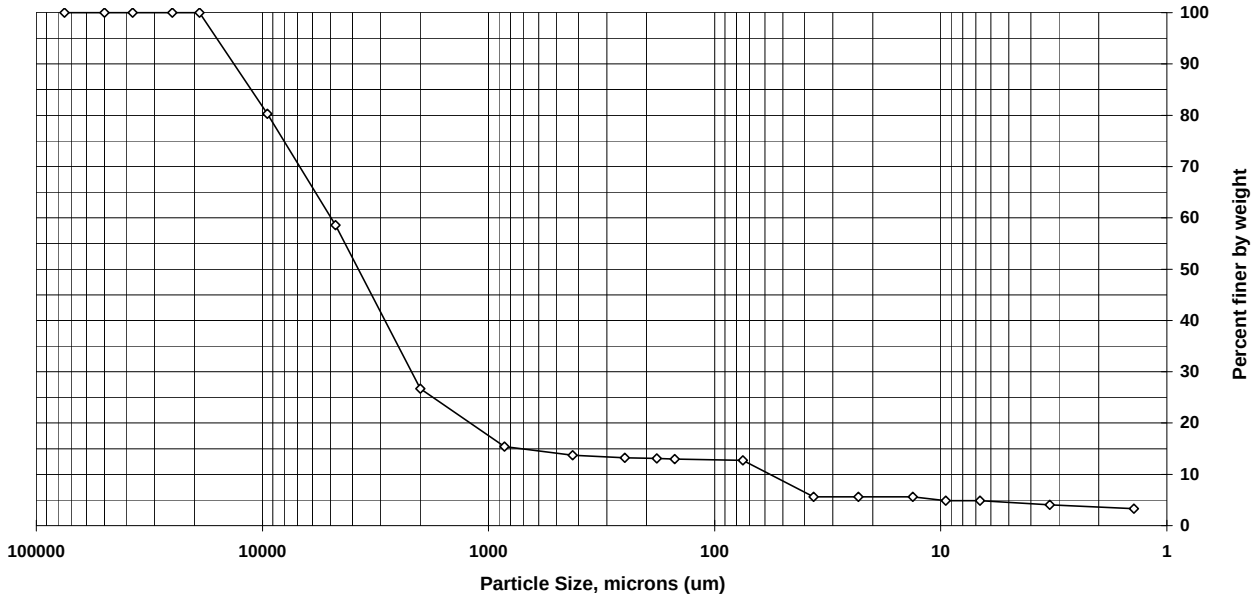
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-13	**Percent Solids:**	87.3%	**Start Date:**	01/19/12
Lab ID:	600-48830-B-4	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	80.3	19.7
#4	4750	58.6	21.7
#10	2000	26.7	31.9
#20	850	15.4	11.3
#40	425	13.7	1.7
#60	250	13.2	0.5
#80	180	13.1	0.1
#100	150	13.0	0.1
#200	75	12.7	0.3
Hyd1	36.5	5.6	7.1
Hyd2	23.1	5.6	0.0
Hyd3	13.3	5.6	0.0
Hyd4	9.5	4.9	0.8
Hyd5	6.7	4.9	0.0
Hyd6	3.3	4.1	0.8
Hyd7	1.4	3.3	0.8

Soil Classification	Percent of sample
Gravel	41.4
Sand	45.9
Coarse Sand	31.9
Medium Sand	13.0
Fine Sand	1.0
Silt	7.9
Clay	4.8

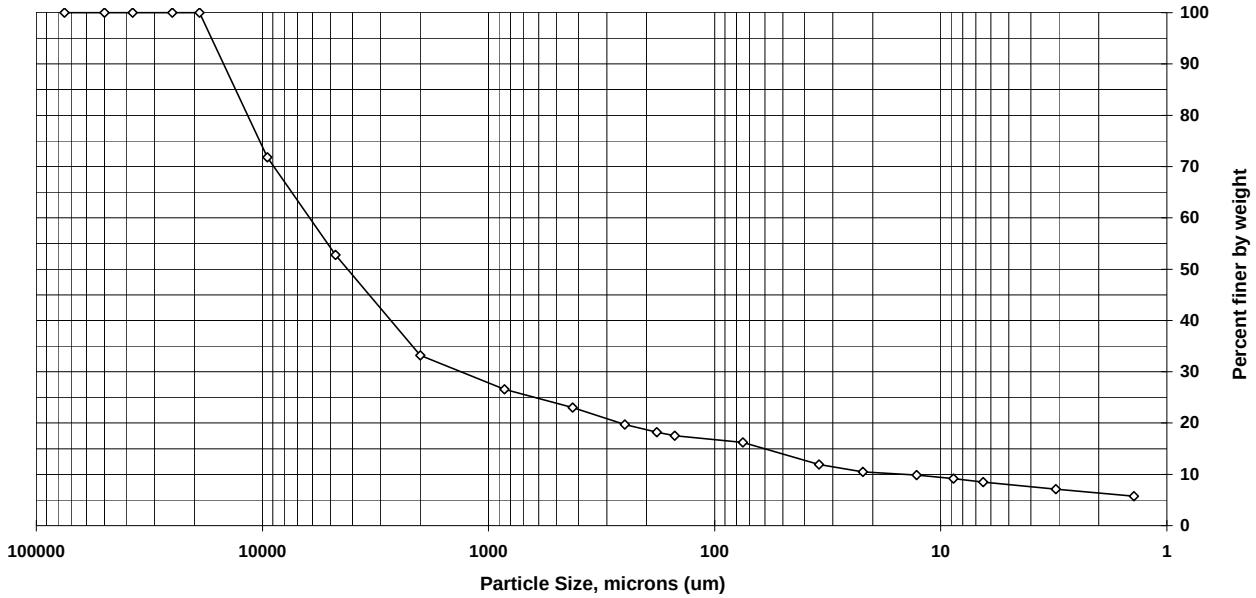
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-14	**Percent Solids:**	85.0%	**Start Date:**	01/17/12
Lab ID:	600-48830-B-5	**Specific Gravity:**	2.650	**End Date:**	01/20/12

Shape (> #10): subangular

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	71.8	28.2
#4	4750	52.8	19.0
#10	2000	33.2	19.6
#20	850	26.6	6.6
#40	425	23.0	3.6
#60	250	19.7	3.3
#80	180	18.2	1.5
#100	150	17.5	0.7
#200	75	16.2	1.3
Hyd1	34.5	11.9	4.3
Hyd2	22.1	10.5	1.4
Hyd3	12.8	9.8	0.7
Hyd4	8.8	9.2	0.7
Hyd5	6.5	8.5	0.7
Hyd6	3.1	7.1	1.4
Hyd7	1.4	5.7	1.4

Soil Classification	Percent of sample
Gravel	47.2
Sand	36.6
Coarse Sand	19.6
Medium Sand	10.2
Fine Sand	6.8
Silt	7.7
Clay	8.5

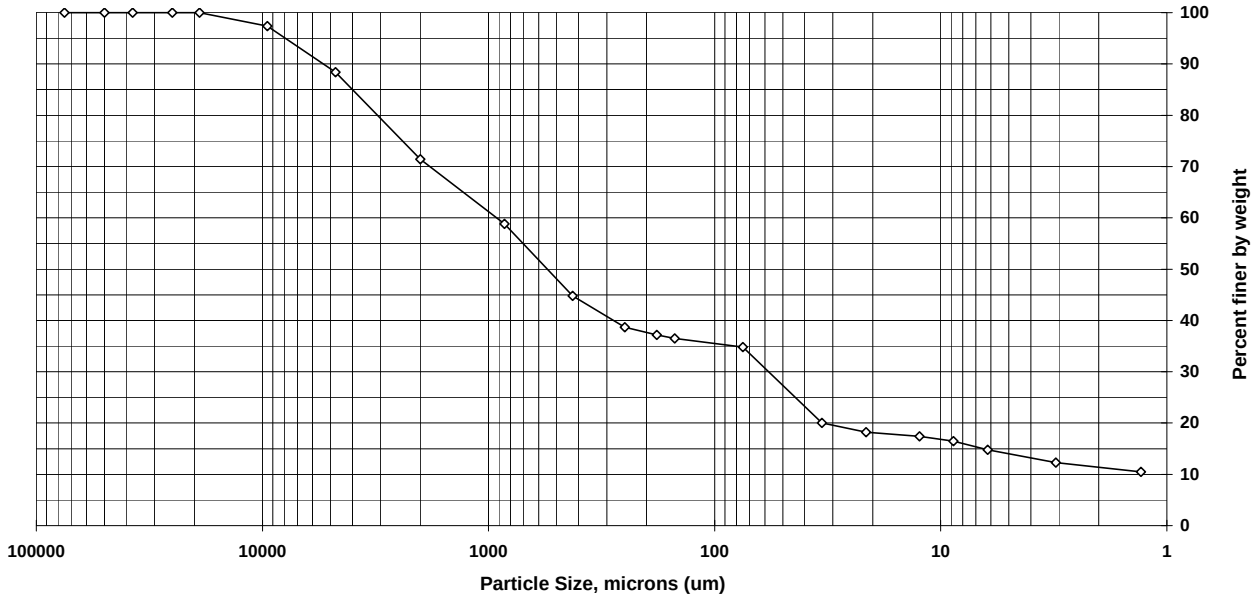
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-15	**Percent Solids:**	80.7%	**Start Date:**	01/17/12
Lab ID:	600-48830-B-6	**Specific Gravity:**	2.650	**End Date:**	01/20/12

Shape (> #10): subangular

Non-soil material: plant

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	97.4	2.6
#4	4750	88.4	9.0
#10	2000	71.4	17.0
#20	850	58.8	12.6
#40	425	44.8	14.0
#60	250	38.7	6.1
#80	180	37.2	1.5
#100	150	36.5	0.7
#200	75	34.8	1.7
Hyd1	33.5	20.0	14.8
Hyd2	21.4	18.2	1.8
Hyd3	12.4	17.4	0.8
Hyd4	8.8	16.5	0.9
Hyd5	6.2	14.8	1.7
Hyd6	3.1	12.3	2.5
Hyd7	1.3	10.5	1.8

Soil Classification	Percent of sample
Gravel	11.6
Sand	53.6
Coarse Sand	17.0
Medium Sand	26.6
Fine Sand	10.0
Silt	20.0
Clay	14.8

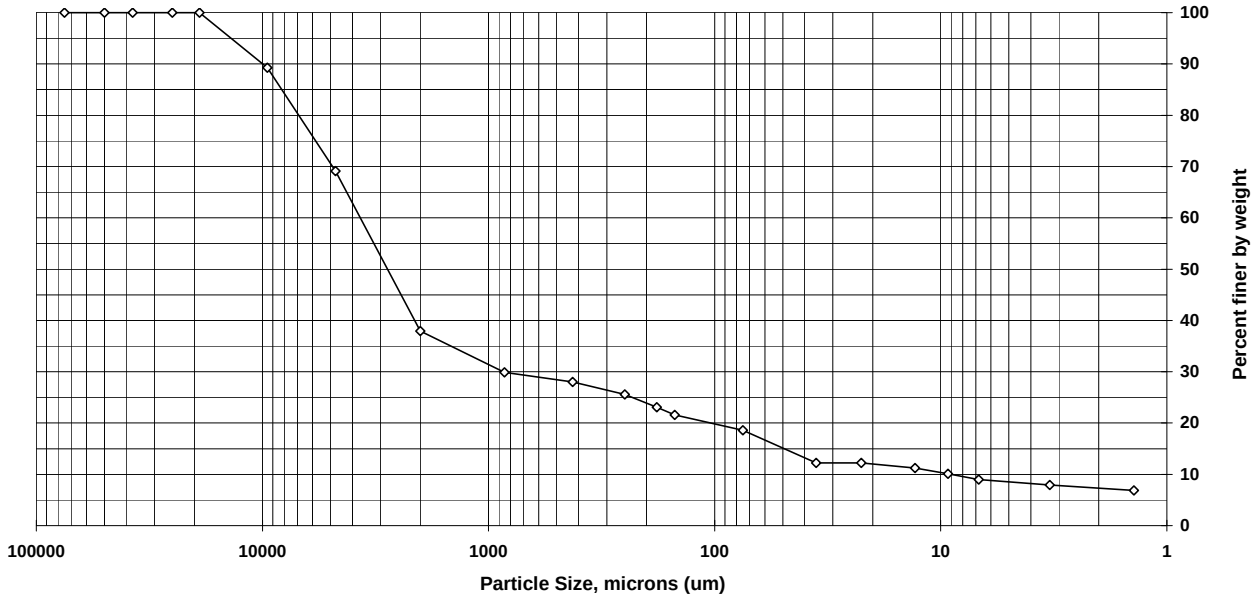
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-16	**Percent Solids:**	81.1%	**Start Date:**	01/17/12
Lab ID:	600-48830-B-7	**Specific Gravity:**	2.650	**End Date:**	01/20/12

Shape (> #10): subrounded

Non-soil material: plant

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	89.3	10.7
#4	4750	69.1	20.2
#10	2000	37.9	31.2
#20	850	29.9	8.0
#40	425	28.0	1.9
#60	250	25.6	2.4
#80	180	23.1	2.5
#100	150	21.6	1.5
#200	75	18.6	3.0
Hyd1	35.6	12.2	6.4
Hyd2	22.5	12.2	0.0
Hyd3	13	11.2	1.0
Hyd4	9.3	10.1	1.1
Hyd5	6.8	9.0	1.1
Hyd6	3.3	7.9	1.1
Hyd7	1.4	6.8	1.1

Soil Classification	Percent of sample
Gravel	30.9
Sand	50.5
Coarse Sand	31.2
Medium Sand	9.9
Fine Sand	9.4
Silt	9.6
Clay	9.0

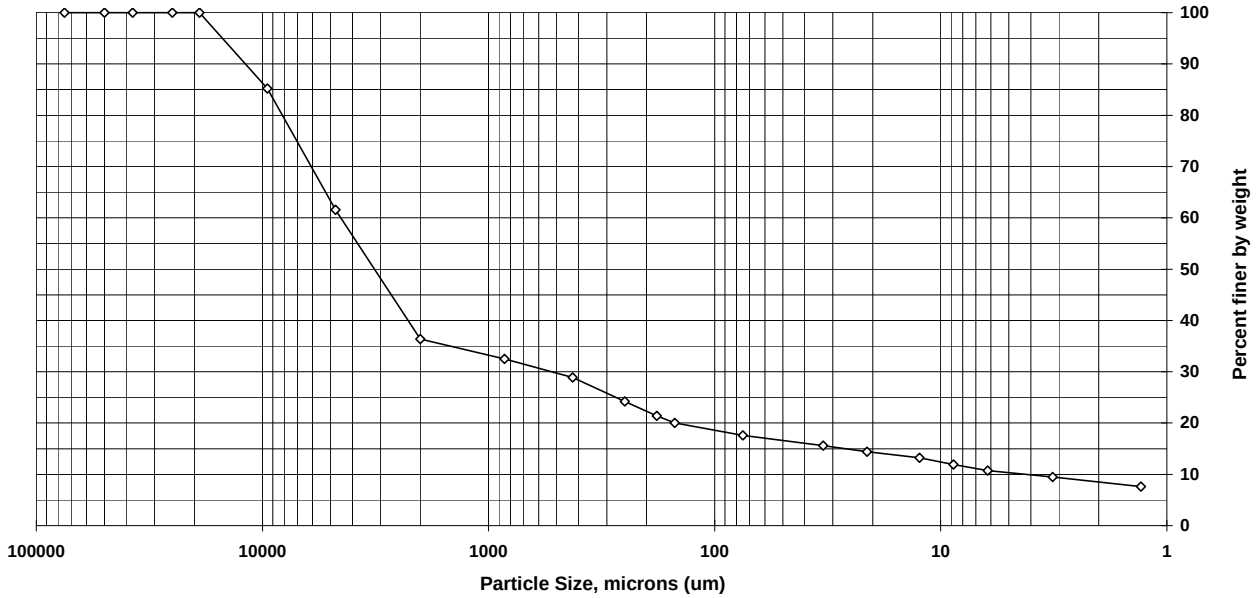
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-17	**Percent Solids:**	79.1%	**Start Date:**	01/17/12
Lab ID:	600-48830-B-8	**Specific Gravity:**	2.650	**End Date:**	01/20/12

Shape (> #10): subangular

Non-soil material: plant

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	85.2	14.8
#4	4750	61.6	23.6
#10	2000	36.4	25.2
#20	850	32.5	3.9
#40	425	28.9	3.6
#60	250	24.2	4.7
#80	180	21.4	2.8
#100	150	20.0	1.4
#200	75	17.6	2.4
Hyd1	33.1	15.6	2.0
Hyd2	21.2	14.4	1.2
Hyd3	12.4	13.2	1.2
Hyd4	8.8	11.9	1.3
Hyd5	6.2	10.7	1.2
Hyd6	3.2	9.5	1.2
Hyd7	1.3	7.6	1.8

Soil Classification	Percent of sample
Gravel	38.4
Sand	44.0
Coarse Sand	25.2
Medium Sand	7.5
Fine Sand	11.3
Silt	6.9
Clay	10.7

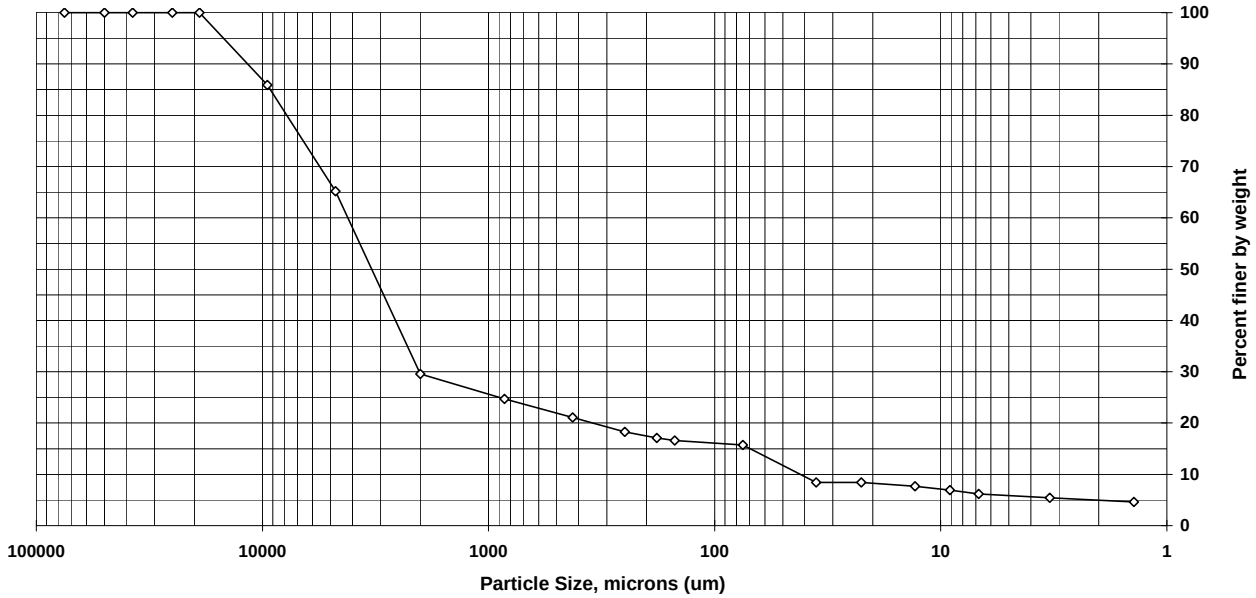
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-18	**Percent Solids:**	91.0%	**Start Date:**	01/17/12
Lab ID:	600-48830-B-9	**Specific Gravity:**	2.650	**End Date:**	01/20/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	85.9	14.1
#4	4750	65.2	20.7
#10	2000	29.6	35.6
#20	850	24.7	4.9
#40	425	21.1	3.6
#60	250	18.3	2.8
#80	180	17.1	1.2
#100	150	16.6	0.5
#200	75	15.7	0.9
Hyd1	35.6	8.4	7.3
Hyd2	22.5	8.4	0.0
Hyd3	13	7.7	0.8
Hyd4	9.1	6.9	0.7
Hyd5	6.8	6.2	0.7
Hyd6	3.3	5.5	0.8
Hyd7	1.4	4.6	0.9

Soil Classification	Percent of sample
Gravel	34.8
Sand	49.5
Coarse Sand	35.6
Medium Sand	8.5
Fine Sand	5.4
Silt	9.5
Clay	6.2

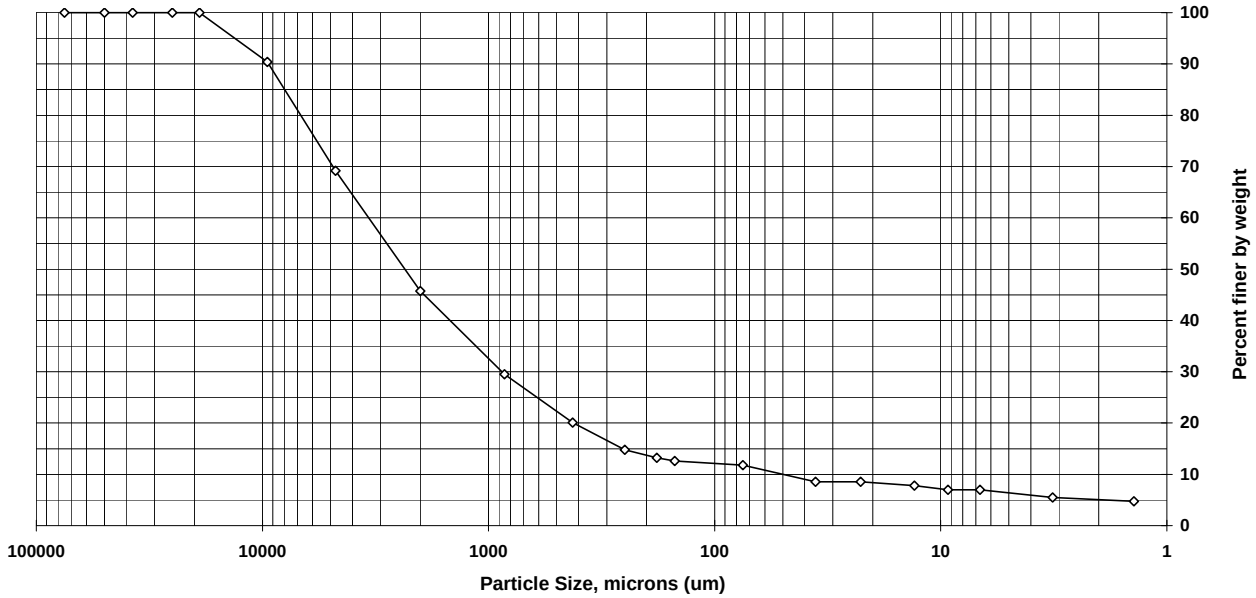
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-19	**Percent Solids:**	82.7%	**Start Date:**	01/19/12
Lab ID:	600-48830-B-10	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	90.4	9.6
#4	4750	69.2	21.2
#10	2000	45.7	23.5
#20	850	29.5	16.2
#40	425	20.1	9.4
#60	250	14.8	5.3
#80	180	13.2	1.6
#100	150	12.6	0.6
#200	75	11.8	0.8
Hyd1	35.8	8.5	3.3
Hyd2	22.6	8.5	0.0
Hyd3	13.1	7.8	0.8
Hyd4	9.3	7.0	0.8
Hyd5	6.7	7.0	0.0
Hyd6	3.2	5.5	1.5
Hyd7	1.4	4.7	0.8

Soil Classification	Percent of sample
Gravel	30.8
Sand	57.4
Coarse Sand	23.5
Medium Sand	25.6
Fine Sand	8.3
Silt	4.8
Clay	7.0

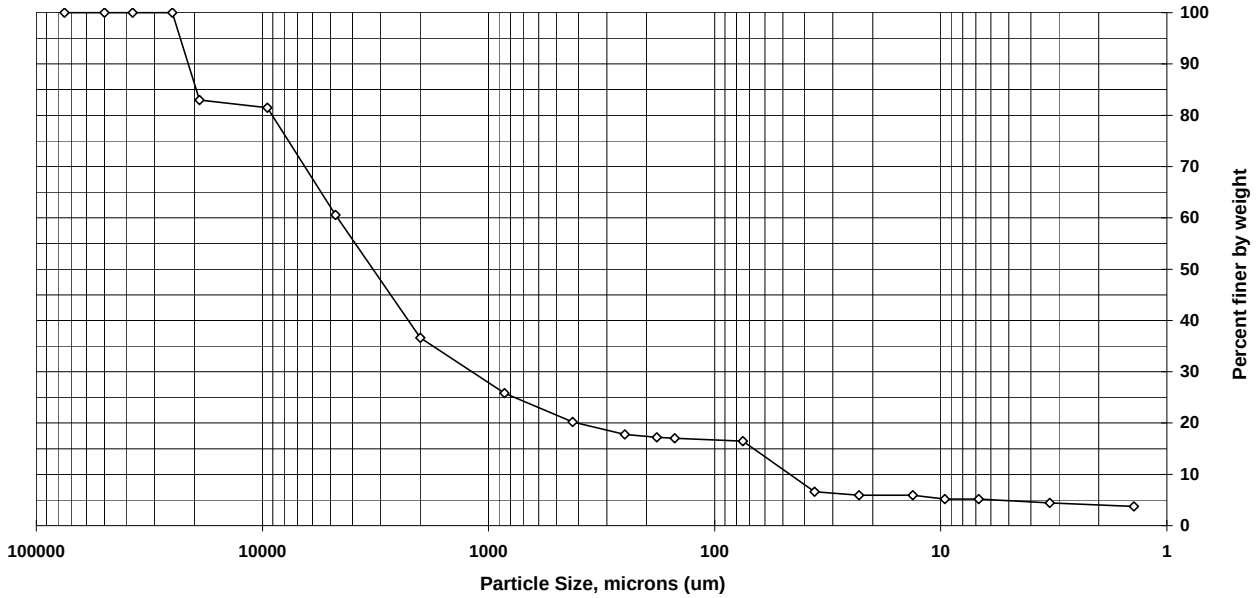
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-20	**Percent Solids:**	86.7%	**Start Date:**	01/19/12
Lab ID:	600-48830-B-11	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subangular

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	83.0	17.0
3/8 inch	9500	81.5	1.5
#4	4750	60.6	20.9
#10	2000	36.6	24.0
#20	850	25.8	10.8
#40	425	20.2	5.6
#60	250	17.8	2.4
#80	180	17.2	0.6
#100	150	17.0	0.2
#200	75	16.5	0.5
Hyd1	36.1	6.6	9.9
Hyd2	23	5.9	0.7
Hyd3	13.3	5.9	0.0
Hyd4	9.6	5.2	0.7
Hyd5	6.8	5.2	0.0
Hyd6	3.3	4.5	0.7
Hyd7	1.4	3.7	0.7

Soil Classification	Percent of sample
Gravel	39.4
Sand	44.1
Coarse Sand	24.0
Medium Sand	16.4
Fine Sand	3.7
Silt	11.3
Clay	5.2

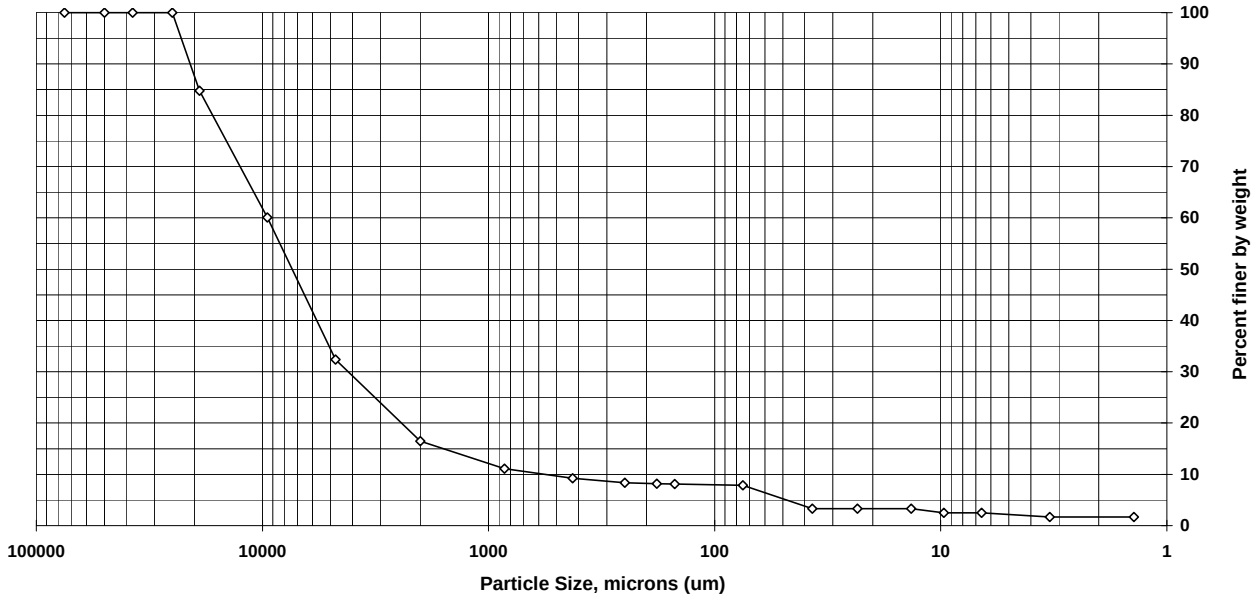
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-21	**Percent Solids:**	86.8%	**Start Date:**	01/19/12
Lab ID:	600-48830-B-12	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subangular

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	84.8	15.2
3/8 inch	9500	60.1	24.7
#4	4750	32.4	27.7
#10	2000	16.5	15.9
#20	850	11.1	5.4
#40	425	9.2	1.9
#60	250	8.4	0.9
#80	180	8.2	0.2
#100	150	8.1	0.1
#200	75	7.9	0.2
Hyd1	37	3.3	4.6
Hyd2	23.4	3.3	0.0
Hyd3	13.5	3.3	0.0
Hyd4	9.7	2.5	0.8
Hyd5	6.6	2.5	0.0
Hyd6	3.3	1.7	0.8
Hyd7	1.4	1.7	0.0

Soil Classification	Percent of sample
Gravel	67.6
Sand	24.5
Coarse Sand	15.9
Medium Sand	7.3
Fine Sand	1.3
Silt	5.4
Clay	2.5

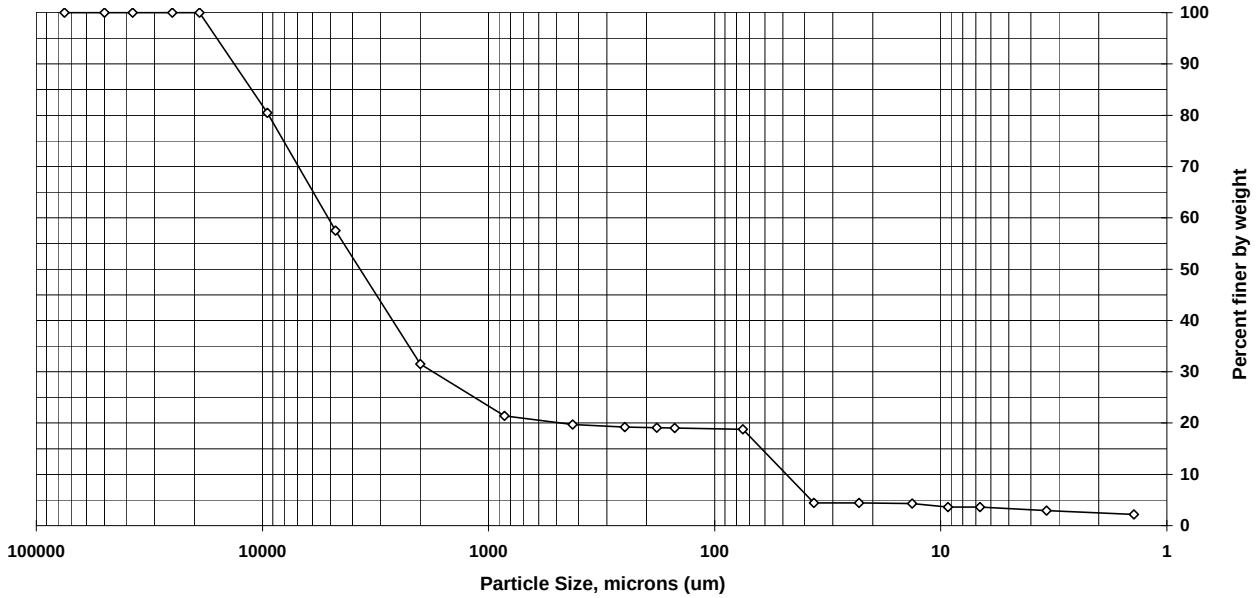
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-22	**Percent Solids:**	84.9%	**Start Date:**	01/19/12
Lab ID:	600-48830-B-13	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subangular

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	80.5	19.5
#4	4750	57.5	23.0
#10	2000	31.5	26.0
#20	850	21.4	10.1
#40	425	19.7	1.7
#60	250	19.2	0.5
#80	180	19.1	0.1
#100	150	19.0	0.1
#200	75	18.8	0.2
Hyd1	36.4	4.4	14.4
Hyd2	23	4.4	0.0
Hyd3	13.4	4.3	0.1
Hyd4	9.3	3.6	0.7
Hyd5	6.7	3.6	0.0
Hyd6	3.4	2.9	0.7
Hyd7	1.4	2.2	0.7

Soil Classification	Percent of sample
Gravel	42.5
Sand	38.7
Coarse Sand	26.0
Medium Sand	11.8
Fine Sand	0.9
Silt	15.2
Clay	3.6

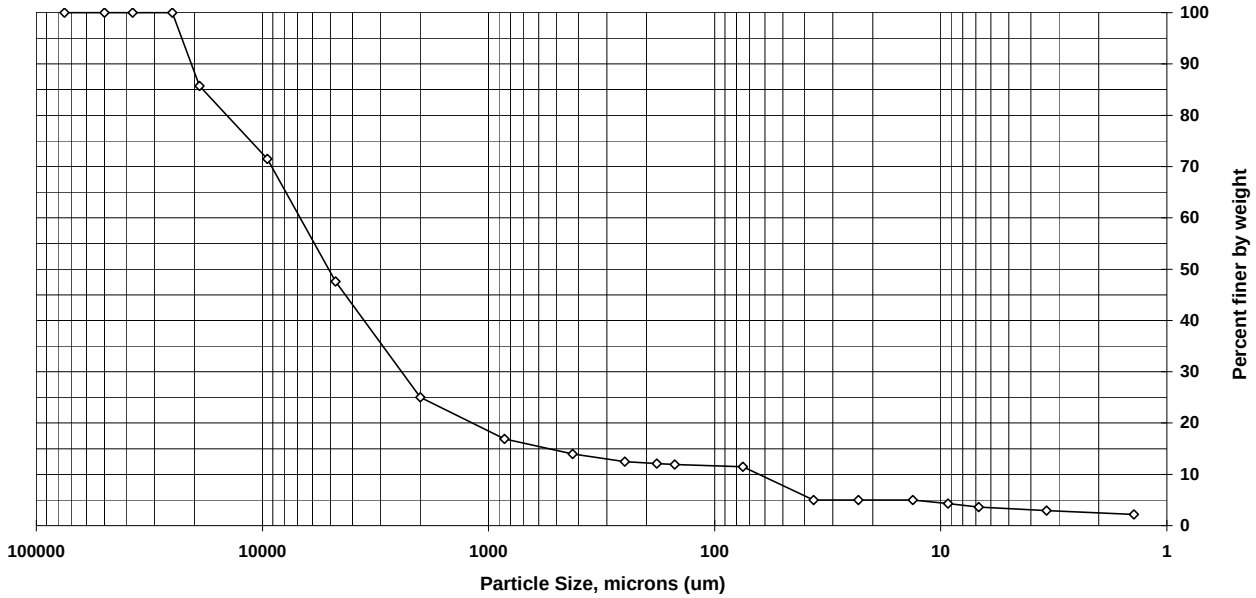
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-23	**Percent Solids:**	84.7%	**Start Date:**	01/19/12
Lab ID:	600-48830-B-14	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subrounded

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	85.7	14.3
3/8 inch	9500	71.5	14.2
#4	4750	47.6	23.9
#10	2000	25.0	22.6
#20	850	16.9	8.1
#40	425	14.0	2.9
#60	250	12.5	1.5
#80	180	12.1	0.4
#100	150	11.9	0.2
#200	75	11.5	0.4
Hyd1	36.5	5.0	6.5
Hyd2	23.1	5.0	0.0
Hyd3	13.3	5.0	0.0
Hyd4	9.3	4.3	0.7
Hyd5	6.8	3.6	0.7
Hyd6	3.4	2.9	0.7
Hyd7	1.4	2.2	0.7

Soil Classification	Percent of sample
Gravel	52.4
Sand	36.1
Coarse Sand	22.6
Medium Sand	11.0
Fine Sand	2.5
Silt	7.9
Clay	3.6

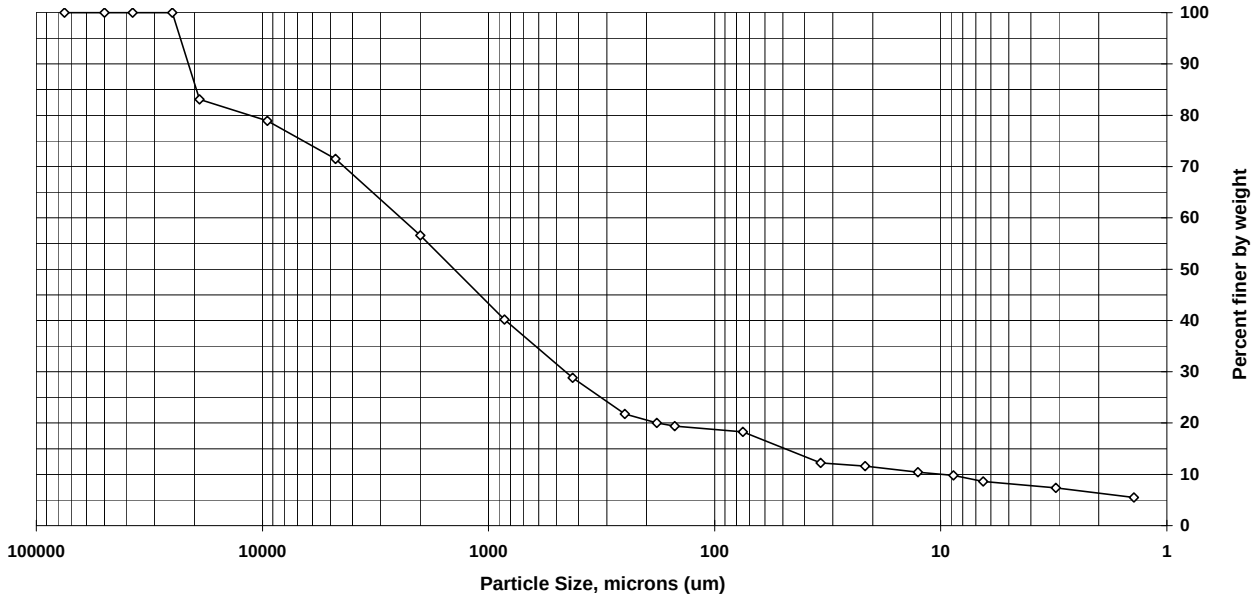
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-24	**Percent Solids:**	82.0%	**Start Date:**	01/19/12
Lab ID:	600-48830-B-15	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subangular

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	83.1	16.9
3/8 inch	9500	78.9	4.2
#4	4750	71.5	7.4
#10	2000	56.6	14.9
#20	850	40.2	16.4
#40	425	28.8	11.4
#60	250	21.8	7.0
#80	180	20.0	1.8
#100	150	19.4	0.6
#200	75	18.3	1.1
Hyd1	34	12.2	6.1
Hyd2	21.6	11.6	0.6
Hyd3	12.6	10.4	1.2
Hyd4	8.8	9.8	0.6
Hyd5	6.5	8.6	1.2
Hyd6	3.1	7.4	1.2
Hyd7	1.4	5.5	1.9

Soil Classification	Percent of sample
Gravel	28.5
Sand	53.2
Coarse Sand	14.9
Medium Sand	27.8
Fine Sand	10.5
Silt	9.7
Clay	8.6

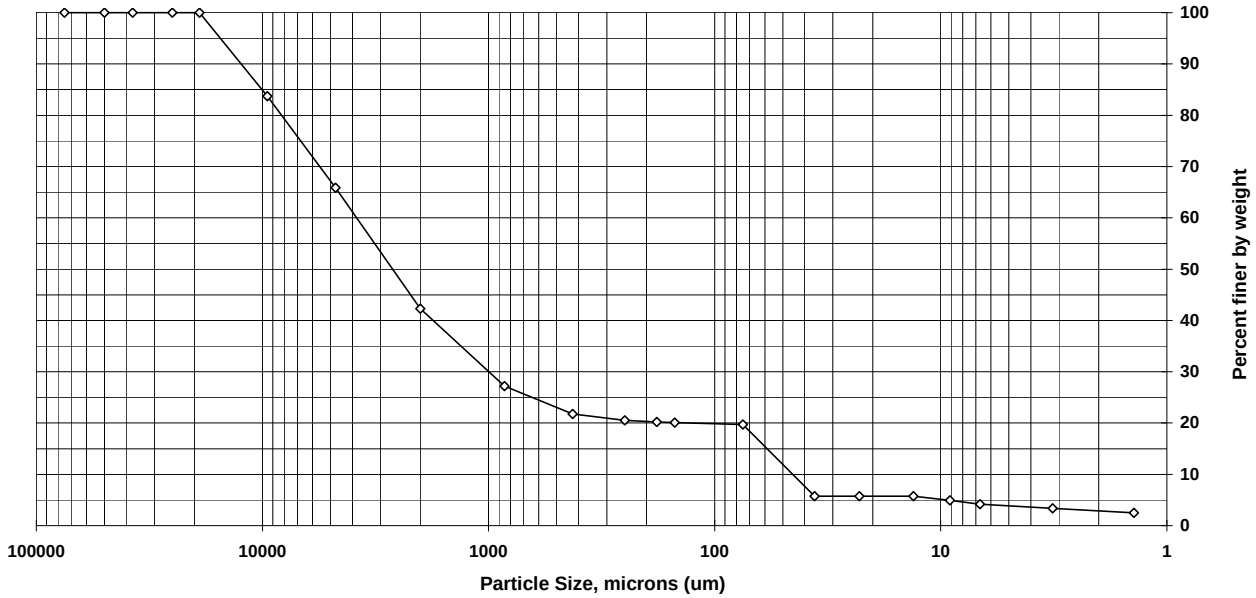
Particle Size of Soils by ASTM D422

				Date Received:	01/13/12
Sample ID:	2012-SED-25	**Percent Solids:**	82.8%	**Start Date:**	01/19/12
Lab ID:	600-48830-B-16	**Specific Gravity:**	2.650	**End Date:**	01/25/12

Shape (> #10): subangular

Non-soil material: na

Hardness (> #10): hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	83.7	16.3
#4	4750	65.9	17.8
#10	2000	42.3	23.6
#20	850	27.2	15.1
#40	425	21.8	5.4
#60	250	20.5	1.3
#80	180	20.2	0.3
#100	150	20.1	0.1
#200	75	19.7	0.4
Hyd1	36.2	5.7	14.0
Hyd2	22.9	5.7	0.0
Hyd3	13.2	5.7	0.0
Hyd4	9.1	4.9	0.8
Hyd5	6.7	4.2	0.8
Hyd6	3.2	3.4	0.8
Hyd7	1.4	2.5	0.9

Soil Classification	Percent of sample
Gravel	34.1
Sand	46.2
Coarse Sand	23.6
Medium Sand	20.5
Fine Sand	2.1
Silt	15.5
Clay	4.2

Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-10
Lab Sample ID	600-48830-B-1

Date Received	01/13/12
Start Date	01/17/2012 16:07
End Date	01/20/2012 9:04

Dry Weight Determination

Tin Weight	1.00	g
Wet Sample + Tin	16.30	g
Dry Sample + Tin	14.35	g
% Moisture	12.75	%

Non-soil material:	na
Shape (> #10):	rounded
Hardness (> #10):	hard

Date/Time in oven	01/17/2012 16:07
Date/Time out of oven	01/18/2012 12:03

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.86	159.35	111.49
Sample Weight (Oven Dried)			97.3

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			74.8
Sample <#10			22.5
% Passing #10			20.2

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.45	463.74	16.29	g	83.3	Gravel	
#4	4750	488.17	512.97	24.80	g	57.8	Gravel	
#10	2000	462.86	496.54	33.68	g	23.2	Sand	Coarse
#20	850	383.48	387.93	4.45	g	18.6	Sand	Medium
#40	425	353.52	355.22	1.70	g	16.9	Sand	Medium
#60	250	341.44	342.35	0.91	g	16.0	Sand	Fine
#80	180	330.28	330.66	0.38	g	15.6	Sand	Fine
#100	150	325.37	325.51	0.14	g	15.5	Sand	Fine
#200	75	312.30	312.73	0.43	g	15.1	Sand	Fine
				0.00	g	15.1		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	97.3

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0065	21.0	36.4	5.23	Silt	
5	5	1.0065	21.0	23	5.23	Silt	
15	15	1.0065	21.0	13.3	5.23	Silt	
30	31	1.0060	21.0	9.3	4.4	Silt	
60	60	1.0060	21.0	6.7	4.4	Silt	
250	240	1.0060	21.0	3.3	4.4	Clay	
1440	1424	1.0055	21.0	1.4	3.58	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-11
Lab Sample ID	600-48830-B-2

Date Received	01/13/12
Start Date	01/17/2012 16:10
End Date	01/20/2012 9:16

Dry Weight Determination

Tin Weight	1.04	g
Wet Sample + Tin	18.29	g
Dry Sample + Tin	16.09	g
% Moisture	12.75	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/17/2012 16:10
Date/Time out of oven	01/18/2012 12:03

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.80	158.68	110.88
Sample Weight (Oven Dried)			96.7

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			76.8
Sample <#10			19.9
% Passing #10			17.9

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000	457.84	471.76	13.92	g	85.6	Gravel	
3/8 inch	9500	447.45	464.02	16.57	g	68.5	Gravel	
#4	4750	488.17	509.19	21.02	g	46.8	Gravel	
#10	2000	462.86	488.10	25.24	g	20.7	Sand	Coarse
#20	850	383.48	390.76	7.28	g	13.2	Sand	Medium
#40	425	353.52	355.42	1.90	g	11.2	Sand	Medium
#60	250	341.44	343.60	2.16	g	9.0	Sand	Fine
#80	180	330.28	331.56	1.28	g	7.7	Sand	Fine
#100	150	325.37	325.92	0.55	g	7.1	Sand	Fine
#200	75	312.30	313.17	0.87	g	6.2	Sand	Fine
				0.00	g	6.2		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	96.7

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0070	21.0	36.2	6.09	Silt	
5	5	1.0070	21.0	22.9	6.09	Silt	
15	15	1.0070	21.0	13.2	6.09	Silt	
30	31	1.0065	21.0	9.2	5.26	Silt	
60	59	1.0065	21.0	6.7	5.26	Silt	
250	234	1.0065	21.0	3.4	5.26	Clay	
1440	1418	1.0060	21.0	1.4	4.43	Clay	

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Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-12
Lab Sample ID	600-48830-B-3

Date Received	01/13/12
Start Date	01/17/2012 16:14
End Date	01/20/2012 9:32

Dry Weight Determination

Tin Weight	1.03	g
Wet Sample + Tin	27.68	g
Dry Sample + Tin	23.44	g
% Moisture	15.91	%

Non-soil material:	na
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	01/17/2012 16:14
Date/Time out of oven	01/18/2012 12:04

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.74	142.44	94.7
Sample Weight (Oven Dried)			79.6

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			35.8
Sample <#10			43.8
% Passing #10			46.3

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000	457.84	466.47	8.63	g	89.2	Gravel	
3/8 inch	9500	447.45	456.78	9.33	g	77.5	Gravel	
#4	4750	488.17	498.24	10.07	g	64.8	Gravel	
#10	2000	462.86	470.66	7.80	g	55.0	Sand	Coarse
#20	850	383.48	385.79	2.31	g	52.1	Sand	Medium
#40	425	353.52	354.61	1.09	g	50.7	Sand	Medium
#60	250	341.44	342.41	0.97	g	49.5	Sand	Fine
#80	180	330.28	331.10	0.82	g	48.5	Sand	Fine
#100	150	325.37	326.02	0.65	g	47.7	Sand	Fine
#200	75	312.30	314.46	2.16	g	45.0	Sand	Fine
				0.00	g	45.0		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	79.6

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0190	21.0	32	31.6	Silt	
5	5	1.0180	21.0	20.5	29.6	Silt	
15	15	1.0170	21.0	12	27.6	Silt	
30	31	1.0160	21.0	8.4	25.6	Silt	
60	59	1.0150	21.0	6.2	23.5	Silt	
250	265	1.0140	21.0	2.9	21.5	Clay	
1440	1412	1.0120	21.0	1.3	17.5	Clay	

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Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-13
Lab Sample ID	600-48830-B-4

Date Received	01/13/12
Start Date	01/19/2012 15:14
End Date	01/25/2012 8:18

Dry Weight Determination

Tin Weight	1.02	g
Wet Sample + Tin	20.80	g
Dry Sample + Tin	18.28	g
% Moisture	12.74	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:14
Date/Time out of oven	01/20/2012 9:08

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	58.15	175.47	117.32
Sample Weight (Oven Dried)			102

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			74.8
Sample <#10			27.2
% Passing #10			23.2

Hydrometer Data	
Serial Number	540534
Calib. Date (mm/dd/yyyy)	05/06/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.42	467.56	20.14	g	80.3	Gravel	
#4	4750	488.15	510.27	22.12	g	58.6	Gravel	
#10	2000	462.81	495.39	32.58	g	26.7	Sand	Coarse
#20	850	383.45	394.97	11.52	g	15.4	Sand	Medium
#40	425	353.46	355.23	1.77	g	13.7	Sand	Medium
#60	250	341.44	341.91	0.47	g	13.2	Sand	Fine
#80	180	330.36	330.45	0.09	g	13.1	Sand	Fine
#100	150	325.40	325.47	0.07	g	13.0	Sand	Fine
#200	75	312.32	312.59	0.27	g	12.7	Sand	Fine
				0.00	g	12.7		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	102

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0070	20.5	36.5	5.64	Silt	
5	5	1.0070	20.5	23.1	5.64	Silt	
15	15	1.0070	20.5	13.3	5.64	Silt	
30	30	1.0065	20.5	9.5	4.85	Silt	
60	59	1.0065	20.5	6.7	4.85	Silt	
250	256	1.0060	20.5	3.3	4.07	Clay	
1440	1440	1.0055	20.5	1.4	3.28	Clay	

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Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-14
Lab Sample ID	600-48830-B-5

Date Received	01/13/12
Start Date	01/17/2012 16:18
End Date	01/20/2012 9:43

Dry Weight Determination

Tin Weight	1.03	g
Wet Sample + Tin	27.79	g
Dry Sample + Tin	23.78	g
% Moisture	14.99	%

Non-soil material:	na
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	01/17/2012 16:18
Date/Time out of oven	01/18/2012 12:04

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	58.09	195.40	137.31
Sample Weight (Oven Dried)			117

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			78.2
Sample <#10			38.8
% Passing #10			28.3

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.45	480.46	33.01	g	71.8	Gravel	
#4	4750	488.17	510.37	22.20	g	52.8	Gravel	
#10	2000	462.86	485.83	22.97	g	33.2	Sand	Coarse
#20	850	383.48	391.16	7.68	g	26.6	Sand	Medium
#40	425	353.52	357.71	4.19	g	23.0	Sand	Medium
#60	250	341.44	345.30	3.86	g	19.7	Sand	Fine
#80	180	330.28	331.99	1.71	g	18.2	Sand	Fine
#100	150	325.37	326.15	0.78	g	17.5	Sand	Fine
#200	75	312.30	313.84	1.54	g	16.2	Sand	Fine
				0.00	g	16.2		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	117

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0120	21.0	34.5	11.9	Silt	
5	5	1.0110	21.0	22.1	10.5	Silt	
15	15	1.0105	21.0	12.8	9.84	Silt	
30	32	1.0100	21.0	8.8	9.15	Silt	
60	60	1.0095	21.0	6.5	8.46	Silt	
250	259	1.0085	21.0	3.1	7.09	Clay	
1440	1406	1.0075	21.0	1.4	5.72	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-15
Lab Sample ID	600-48830-B-6

Date Received	01/13/12
Start Date	01/17/2012 16:21
End Date	01/20/2012 9:56

Dry Weight Determination

Tin Weight	1.00	g
Wet Sample + Tin	26.63	g
Dry Sample + Tin	21.67	g
% Moisture	19.35	%

Non-soil material:	plant
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	01/17/2012 16:21
Date/Time out of oven	01/18/2012 12:04

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	58.06	174.55	116.49
Sample Weight (Oven Dried)			93.9

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			26.9
Sample <#10			67
% Passing #10			57.5

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.45	449.89	2.44	g	97.4	Gravel	
#4	4750	488.17	496.65	8.48	g	88.4	Gravel	
#10	2000	462.86	478.83	15.97	g	71.4	Sand	Coarse
#20	850	383.48	395.29	11.81	g	58.8	Sand	Medium
#40	425	353.52	366.68	13.16	g	44.8	Sand	Medium
#60	250	341.44	347.20	5.76	g	38.7	Sand	Fine
#80	180	330.28	331.72	1.44	g	37.2	Sand	Fine
#100	150	325.37	326.00	0.63	g	36.5	Sand	Fine
#200	75	312.30	313.86	1.56	g	34.8	Sand	Fine
				0.00	g	34.8		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	93.9

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0150	21.0	33.5	20	Silt	
5	5	1.0140	21.0	21.4	18.2	Silt	
15	15	1.0135	21.0	12.4	17.4	Silt	
30	30	1.0130	21.0	8.8	16.5	Silt	
60	63	1.0120	21.0	6.2	14.8	Silt	
250	253	1.0105	21.0	3.1	12.3	Clay	
1440	1400	1.0095	21.0	1.3	10.5	Clay	

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Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-16
Lab Sample ID	600-48830-B-7

Date Received	01/13/12
Start Date	01/17/2012 16:24
End Date	01/20/2012 10:08

Dry Weight Determination

Tin Weight	1.05	g
Wet Sample + Tin	14.55	g
Dry Sample + Tin	12.00	g
% Moisture	18.89	%

Non-soil material:	plant
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/17/2012 16:24
Date/Time out of oven	01/18/2012 12:05

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	58.13	149.90	91.77
Sample Weight (Oven Dried)			74.4

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			46.3
Sample <#10			28.1
% Passing #10			30.6

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.45	455.44	7.99	g	89.3	Gravel	
#4	4750	488.17	503.23	15.06	g	69.1	Gravel	
#10	2000	462.86	486.11	23.25	g	37.9	Sand	Coarse
#20	850	383.48	389.40	5.92	g	29.9	Sand	Medium
#40	425	353.52	354.93	1.41	g	28.0	Sand	Medium
#60	250	341.44	343.21	1.77	g	25.6	Sand	Fine
#80	180	330.28	332.14	1.86	g	23.1	Sand	Fine
#100	150	325.37	326.48	1.11	g	21.6	Sand	Fine
#200	75	312.30	314.56	2.26	g	18.6	Sand	Fine
				0.00	g	18.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	74.4

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0090	21.0	35.6	12.2	Silt	
5	5	1.0090	21.0	22.5	12.2	Silt	
15	15	1.0085	21.0	13	11.2	Silt	
30	30	1.0080	21.0	9.3	10.1	Silt	
60	57	1.0075	21.0	6.8	8.99	Silt	
250	247	1.0070	21.0	3.3	7.92	Clay	
1440	1394	1.0065	21.0	1.4	6.84	Clay	

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Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-17
Lab Sample ID	600-48830-B-8

Date Received	01/13/12
Start Date	01/17/2012 16:26
End Date	01/20/2012 10:24

Dry Weight Determination

Tin Weight	1.00	g
Wet Sample + Tin	21.14	g
Dry Sample + Tin	16.92	g
% Moisture	20.95	%

Non-soil material:	plant
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	01/17/2012 16:26
Date/Time out of oven	01/18/2012 12:05

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	58.27	222.56	164.29
Sample Weight (Oven Dried)			130

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			82.6
Sample <#10			47.4
% Passing #10			28.9

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.45	466.68	19.23	g	85.2	Gravel	
#4	4750	488.17	518.82	30.65	g	61.6	Gravel	
#10	2000	462.86	495.62	32.76	g	36.4	Sand	Coarse
#20	850	383.48	388.55	5.07	g	32.5	Sand	Medium
#40	425	353.52	358.14	4.62	g	28.9	Sand	Medium
#60	250	341.44	347.58	6.14	g	24.2	Sand	Fine
#80	180	330.28	333.94	3.66	g	21.4	Sand	Fine
#100	150	325.37	327.14	1.77	g	20.0	Sand	Fine
#200	75	312.30	315.43	3.13	g	17.6	Sand	Fine
				0.00	g	17.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	130

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0160	21.0	33.1	15.6	Silt	
5	5	1.0150	21.0	21.2	14.4	Silt	
15	15	1.0140	21.0	12.4	13.2	Silt	
30	30	1.0130	21.0	8.8	11.9	Silt	
60	63	1.0120	21.0	6.2	10.7	Silt	
250	241	1.0110	21.0	3.2	9.47	Clay	
1440	1388	1.0095	21.0	1.3	7.62	Clay	

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Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-18
Lab Sample ID	600-48830-B-9

Date Received	01/13/12
Start Date	01/17/2012 16:29
End Date	01/20/2012 10:41

Dry Weight Determination

Tin Weight	1.01	g
Wet Sample + Tin	19.58	g
Dry Sample + Tin	17.91	g
% Moisture	8.99	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/17/2012 16:29
Date/Time out of oven	01/18/2012 12:05

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.80	166.34	118.54
Sample Weight (Oven Dried)			108

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			76
Sample <#10			32
% Passing #10			27

Hydrometer Data

Serial Number	705151
Calib. Date (mm/dd/yyyy)	12/21/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.45	462.63	15.18	g	85.9	Gravel	
#4	4750	488.17	510.53	22.36	g	65.2	Gravel	
#10	2000	462.86	501.34	38.48	g	29.6	Sand	Coarse
#20	850	383.48	388.78	5.30	g	24.7	Sand	Medium
#40	425	353.52	357.36	3.84	g	21.1	Sand	Medium
#60	250	341.44	344.46	3.02	g	18.3	Sand	Fine
#80	180	330.28	331.55	1.27	g	17.1	Sand	Fine
#100	150	325.37	325.93	0.56	g	16.6	Sand	Fine
#200	75	312.30	313.32	1.02	g	15.7	Sand	Fine
				0.00	g	15.7		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	108

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0090	21.0	35.6	8.43	Silt	
5	5	1.0090	21.0	22.5	8.43	Silt	
15	15	1.0085	21.0	13	7.68	Silt	
30	31	1.0080	21.0	9.1	6.94	Silt	
60	57	1.0075	21.0	6.8	6.2	Silt	
250	235	1.0070	21.0	3.3	5.45	Clay	
1440	1382	1.0065	20.5	1.4	4.59	Clay	

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Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-19
Lab Sample ID	600-48830-B-10

Date Received	01/13/12
Start Date	01/19/2012 15:16
End Date	01/25/2012 8:31

Dry Weight Determination

Tin Weight	1.01	g
Wet Sample + Tin	22.69	g
Dry Sample + Tin	18.94	g
% Moisture	17.30	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:16
Date/Time out of oven	01/20/2012 9:09

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.84	175.36	127.52
Sample Weight (Oven Dried)			105

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			57
Sample <#10			48
% Passing #10			37.6

Hydrometer Data

Serial Number	540534
Calib. Date (mm/dd/yyyy)	05/06/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.42	457.49	10.07	g	90.4	Gravel	
#4	4750	488.15	510.40	22.25	g	69.2	Gravel	
#10	2000	462.81	487.44	24.63	g	45.7	Sand	Coarse
#20	850	383.45	400.45	17.00	g	29.5	Sand	Medium
#40	425	353.46	363.36	9.90	g	20.1	Sand	Medium
#60	250	341.44	347.04	5.60	g	14.8	Sand	Fine
#80	180	330.36	332.01	1.65	g	13.2	Sand	Fine
#100	150	325.40	325.98	0.58	g	12.6	Sand	Fine
#200	75	312.32	313.19	0.87	g	11.8	Sand	Fine
				0.00	g	11.8		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	105

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0090	20.5	35.8	8.54	Silt	
5	5	1.0090	20.5	22.6	8.54	Silt	
15	15	1.0085	20.5	13.1	7.78	Silt	
30	30	1.0080	20.5	9.3	7.01	Silt	
60	58	1.0080	20.5	6.7	7.01	Silt	
250	256	1.0070	20.5	3.2	5.48	Clay	
1440	1440	1.0065	20.5	1.4	4.72	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-20
Lab Sample ID	600-48830-B-11

Date Received	01/13/12
Start Date	01/19/2012 15:18
End Date	01/25/2012 8:43

Dry Weight Determination

Tin Weight	1.00	g
Wet Sample + Tin	18.01	g
Dry Sample + Tin	15.75	g
% Moisture	13.29	%

Non-soil material:	na
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:18
Date/Time out of oven	01/20/2012 9:09

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	58.07	186.65	128.58
Sample Weight (Oven Dried)			111

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			70.3
Sample <#10			40.7
% Passing #10			31.7

Hydrometer Data

Serial Number	540534
Calib. Date (mm/dd/yyyy)	05/06/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000	457.77	476.67	18.90	g	83.0	Gravel	
3/8 inch	9500	447.42	449.06	1.64	g	81.5	Gravel	
#4	4750	488.15	511.35	23.20	g	60.6	Gravel	
#10	2000	462.81	489.41	26.60	g	36.6	Sand	Coarse
#20	850	383.45	395.39	11.94	g	25.8	Sand	Medium
#40	425	353.46	359.63	6.17	g	20.2	Sand	Medium
#60	250	341.44	344.12	2.68	g	17.8	Sand	Fine
#80	180	330.36	331.05	0.69	g	17.2	Sand	Fine
#100	150	325.40	325.66	0.26	g	17.0	Sand	Fine
#200	75	312.32	312.85	0.53	g	16.5	Sand	Fine
				0.00	g	16.5		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	111

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0080	20.5	36.1	6.63	Silt	
5	5	1.0075	20.5	23	5.91	Silt	
15	15	1.0075	20.5	13.3	5.91	Silt	
30	29	1.0070	20.5	9.6	5.18	Silt	
60	58	1.0070	20.5	6.8	5.18	Silt	
250	250	1.0065	20.5	3.3	4.46	Clay	
1440	1434	1.0060	20.5	1.4	3.74	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-21
Lab Sample ID	600-48830-B-12

Date Received	01/13/12
Start Date	01/19/2012 15:20
End Date	01/25/2012 8:56

Dry Weight Determination

Tin Weight	1.00	g
Wet Sample + Tin	20.22	g
Dry Sample + Tin	17.68	g
% Moisture	13.22	%

Non-soil material:	na
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:20
Date/Time out of oven	01/20/2012 9:09

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	57.90	175.17	117.27
Sample Weight (Oven Dried)			102

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			85.2
Sample <#10			16.8
% Passing #10			14.3

Hydrometer Data

Serial Number	540534
Calib. Date (mm/dd/yyyy)	05/06/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000	457.77	473.31	15.54	g	84.8	Gravel	
3/8 inch	9500	447.42	472.58	25.16	g	60.1	Gravel	
#4	4750	488.15	516.44	28.29	g	32.4	Gravel	
#10	2000	462.81	479.02	16.21	g	16.5	Sand	Coarse
#20	850	383.45	388.91	5.46	g	11.1	Sand	Medium
#40	425	353.46	355.38	1.92	g	9.2	Sand	Medium
#60	250	341.44	342.33	0.89	g	8.4	Sand	Fine
#80	180	330.36	330.53	0.17	g	8.2	Sand	Fine
#100	150	325.40	325.47	0.07	g	8.1	Sand	Fine
#200	75	312.32	312.56	0.24	g	7.9	Sand	Fine
				0.00	g	7.9		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	102

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0055	20.5	37	3.28	Silt	
5	5	1.0055	20.5	23.4	3.28	Silt	
15	15	1.0055	20.5	13.5	3.28	Silt	
30	29	1.0050	20.5	9.7	2.49	Silt	
60	63	1.0050	20.5	6.6	2.49	Silt	
250	250	1.0045	20.5	3.3	1.71	Clay	
1440	1434	1.0045	20.5	1.4	1.71	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-22
Lab Sample ID	600-48830-B-13

Date Received	01/13/12
Start Date	01/19/2012 15:23
End Date	01/25/2012 9:11

Dry Weight Determination

Tin Weight	1.02	g
Wet Sample + Tin	20.76	g
Dry Sample + Tin	17.77	g
% Moisture	15.15	%

Non-soil material:	na
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:23
Date/Time out of oven	01/20/2012 9:10

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.79	183.19	135.4
Sample Weight (Oven Dried)			115

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			78.6
Sample <#10			36.4
% Passing #10			26.9

Hydrometer Data

Serial Number	540534
Calib. Date (mm/dd/yyyy)	05/06/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.42	469.79	22.37	g	80.5	Gravel	
#4	4750	488.15	514.55	26.40	g	57.5	Gravel	
#10	2000	462.81	492.68	29.87	g	31.5	Sand	Coarse
#20	850	383.45	395.10	11.65	g	21.4	Sand	Medium
#40	425	353.46	355.40	1.94	g	19.7	Sand	Medium
#60	250	341.44	342.01	0.57	g	19.2	Sand	Fine
#80	180	330.36	330.51	0.15	g	19.1	Sand	Fine
#100	150	325.40	325.46	0.06	g	19.0	Sand	Fine
#200	75	312.32	312.60	0.28	g	18.8	Sand	Fine
				0.00	g	18.8		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	115

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0065	21.0	36.4	4.42	Silt	
5	5	1.0065	21.0	23	4.42	Silt	
15	15	1.0065	20.5	13.4	4.31	Silt	
30	31	1.0060	20.5	9.3	3.61	Silt	
60	60	1.0060	20.5	6.7	3.61	Silt	
250	240	1.0055	20.5	3.4	2.91	Clay	
1440	1424	1.0050	20.5	1.4	2.21	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-23
Lab Sample ID	600-48830-B-14

Date Received	01/13/12
Start Date	01/19/2012 15:26
End Date	01/25/2012 9:24

Dry Weight Determination

Tin Weight	1.00	g
Wet Sample + Tin	19.01	g
Dry Sample + Tin	16.26	g
% Moisture	15.27	%

Non-soil material:	na
Shape (> #10):	subrounded
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:26
Date/Time out of oven	01/20/2012 9:10

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	58.07	194.00	135.93
Sample Weight (Oven Dried)			115

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			86.3
Sample <#10			28.7
% Passing #10			21.1

Hydrometer Data

Serial Number	540534
Calib. Date (mm/dd/yyyy)	05/06/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000	457.77	474.23	16.46	g	85.7	Gravel	
3/8 inch	9500	447.42	463.74	16.32	g	71.5	Gravel	
#4	4750	488.15	515.65	27.50	g	47.6	Gravel	
#10	2000	462.81	488.82	26.01	g	25.0	Sand	Coarse
#20	850	383.45	392.78	9.33	g	16.9	Sand	Medium
#40	425	353.46	356.79	3.33	g	14.0	Sand	Medium
#60	250	341.44	343.22	1.78	g	12.5	Sand	Fine
#80	180	330.36	330.85	0.49	g	12.1	Sand	Fine
#100	150	325.40	325.59	0.19	g	11.9	Sand	Fine
#200	75	312.32	312.74	0.42	g	11.5	Sand	Fine
				0.00	g	11.5		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	115

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0070	20.5	36.5	5	Silt	
5	5	1.0070	20.5	23.1	5	Silt	
15	15	1.0070	20.5	13.3	5	Silt	
30	31	1.0065	20.5	9.3	4.31	Silt	
60	59	1.0060	20.5	6.8	3.61	Silt	
250	234	1.0055	20.5	3.4	2.91	Clay	
1440	1418	1.0050	20.5	1.4	2.21	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-24
Lab Sample ID	600-48830-B-15

Date Received	01/13/12
Start Date	01/19/2012 15:30
End Date	01/25/2012 9:35

Dry Weight Determination

Tin Weight	0.96	g
Wet Sample + Tin	28.53	g
Dry Sample + Tin	23.57	g
% Moisture	17.99	%

Non-soil material:	na
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:28
Date/Time out of oven	01/20/2012 9:10

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.76	211.65	163.89
Sample Weight (Oven Dried)			134

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			58.2
Sample <#10			75.8
% Passing #10			46.3

Hydrometer Data

Serial Number	540534
Calib. Date (mm/dd/yyyy)	05/06/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000	457.77	480.42	22.65	g	83.1	Gravel	
3/8 inch	9500	447.42	453.03	5.61	g	78.9	Gravel	
#4	4750	488.15	498.10	9.95	g	71.5	Gravel	
#10	2000	462.81	482.83	20.02	g	56.6	Sand	Coarse
#20	850	383.45	405.36	21.91	g	40.2	Sand	Medium
#40	425	353.46	368.77	15.31	g	28.8	Sand	Medium
#60	250	341.44	350.81	9.37	g	21.8	Sand	Fine
#80	180	330.36	332.79	2.43	g	20.0	Sand	Fine
#100	150	325.40	326.19	0.79	g	19.4	Sand	Fine
#200	75	312.32	313.81	1.49	g	18.3	Sand	Fine
				0.00	g	18.3		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	134

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0135	21.0	34	12.2	Silt	
5	5	1.0130	21.0	21.6	11.6	Silt	
15	15	1.0120	21.0	12.6	10.4	Silt	
30	31	1.0115	21.0	8.8	9.79	Silt	
60	59	1.0105	21.0	6.5	8.59	Silt	
250	265	1.0095	21.0	3.1	7.39	Clay	
1440	1412	1.0080	20.5	1.4	5.49	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	2012-SED-25
Lab Sample ID	600-48830-B-16

Date Received	01/13/12
Start Date	01/19/2012 15:30
End Date	01/25/2012 9:47

Dry Weight Determination

Tin Weight	0.99	g
Wet Sample + Tin	20.44	g
Dry Sample + Tin	17.09	g
% Moisture	17.22	%

Non-soil material:	na
Shape (> #10):	subangular
Hardness (> #10):	hard

Date/Time in oven	01/19/2012 15:30
Date/Time out of oven	01/20/2012 9:10

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	47.89	171.89	124
Sample Weight (Oven Dried)			103

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			59.5
Sample <#10			43.5
% Passing #10			35.1

Hydrometer Data

Serial Number	540534
Calib. Date (mm/dd/yyyy)	05/06/2010
Low Temp (C)	17.0
Reading at Low Temp	1.0040
High Temp (C)	23.0
Reading at High Temp	1.0030
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.006833333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500	447.42	464.19	16.77	g	83.7	Gravel	
#4	4750	488.15	506.52	18.37	g	65.9	Gravel	
#10	2000	462.81	487.16	24.35	g	42.3	Sand	Coarse
#20	850	383.45	398.99	15.54	g	27.2	Sand	Medium
#40	425	353.46	359.03	5.57	g	21.8	Sand	Medium
#60	250	341.44	342.79	1.35	g	20.5	Sand	Fine
#80	180	330.36	330.65	0.29	g	20.2	Sand	Fine
#100	150	325.40	325.51	0.11	g	20.1	Sand	Fine
#200	75	312.32	312.72	0.40	g	19.7	Sand	Fine
				0.00	g	19.7		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	103

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0070	21.0	36.2	5.72	Silt	
5	5	1.0070	21.0	22.9	5.72	Silt	
15	15	1.0070	21.0	13.2	5.72	Silt	
30	32	1.0065	21.0	9.1	4.94	Silt	
60	60	1.0060	21.0	6.7	4.16	Silt	
250	259	1.0055	21.0	3.2	3.38	Clay	
1440	1406	1.0050	20.5	1.4	2.47	Clay	

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48830-1

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.
	F	Duplicate RPD exceeds the control limit
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
General Chemistry		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48830-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-70081					
LCS 600-70081/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70081/1-A	Method Blank	T	Water	3010A	
600-48830-17	EQUIPMENT BLANK 6	T	Water	3010A	
Prep Batch: 600-70087					
LCS 600-70087/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-70087/1-A	Method Blank	T	Solid	3050B	
600-48830-1	2012-SED-10	T	Solid	3050B	
600-48830-2	2012-SED-11	T	Solid	3050B	
600-48830-3	2012-SED-12	T	Solid	3050B	
600-48830-4	2012-SED-13	T	Solid	3050B	
600-48830-5	2012-SED-14	T	Solid	3050B	
600-48830-6	2012-SED-15	T	Solid	3050B	
600-48830-7	2012-SED-16	T	Solid	3050B	
600-48830-8	2012-SED-17	T	Solid	3050B	
600-48830-9	2012-SED-18	T	Solid	3050B	
600-48830-10	2012-SED-19	T	Solid	3050B	
600-48830-11	2012-SED-20	T	Solid	3050B	
600-48830-12	2012-SED-21	T	Solid	3050B	
600-48830-12DU	Duplicate	T	Solid	3050B	
600-48830-12MS	Matrix Spike	T	Solid	3050B	
600-48830-12MSD	Matrix Spike Duplicate	T	Solid	3050B	
600-48830-13	2012-SED-22	T	Solid	3050B	
600-48830-14	2012-SED-23	T	Solid	3050B	
600-48830-15	2012-SED-24	T	Solid	3050B	
600-48830-16	2012-SED-25	T	Solid	3050B	
Analysis Batch:600-70835					
LCS 600-70081/2-A	Lab Control Sample	T	Water	6010B	600-70081
MB 600-70081/1-A	Method Blank	T	Water	6010B	600-70081
600-48830-17	EQUIPMENT BLANK 6	T	Water	6010B	600-70081

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:600-71033					
LCS 600-70087/2-A	Lab Control Sample	T	Solid	6010B	600-70087
MB 600-70087/1-A	Method Blank	T	Solid	6010B	600-70087
600-48830-1	2012-SED-10	T	Solid	6010B	600-70087
600-48830-2	2012-SED-11	T	Solid	6010B	600-70087
600-48830-3	2012-SED-12	T	Solid	6010B	600-70087
600-48830-4	2012-SED-13	T	Solid	6010B	600-70087
600-48830-5	2012-SED-14	T	Solid	6010B	600-70087
600-48830-6	2012-SED-15	T	Solid	6010B	600-70087
600-48830-7	2012-SED-16	T	Solid	6010B	600-70087
600-48830-8	2012-SED-17	T	Solid	6010B	600-70087
600-48830-9	2012-SED-18	T	Solid	6010B	600-70087
600-48830-10	2012-SED-19	T	Solid	6010B	600-70087
600-48830-11	2012-SED-20	T	Solid	6010B	600-70087
600-48830-12	2012-SED-21	T	Solid	6010B	600-70087
600-48830-12DU	Duplicate	T	Solid	6010B	600-70087
600-48830-12MS	Matrix Spike	T	Solid	6010B	600-70087
600-48830-12MSD	Matrix Spike Duplicate	T	Solid	6010B	600-70087
600-48830-13	2012-SED-22	T	Solid	6010B	600-70087
600-48830-14	2012-SED-23	T	Solid	6010B	600-70087
600-48830-15	2012-SED-24	T	Solid	6010B	600-70087
600-48830-16	2012-SED-25	T	Solid	6010B	600-70087

Report Basis
T = Total

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48830-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-70134					
600-48830-1	2012-SED-10	T	Solid	Moisture	
600-48830-2	2012-SED-11	T	Solid	Moisture	
600-48830-3	2012-SED-12	T	Solid	Moisture	
600-48830-4	2012-SED-13	T	Solid	Moisture	
600-48830-5	2012-SED-14	T	Solid	Moisture	
600-48830-6	2012-SED-15	T	Solid	Moisture	
600-48830-7	2012-SED-16	T	Solid	Moisture	
600-48830-7DU	Duplicate	T	Solid	Moisture	
600-48830-8	2012-SED-17	T	Solid	Moisture	
600-48830-9	2012-SED-18	T	Solid	Moisture	
600-48830-10	2012-SED-19	T	Solid	Moisture	
600-48830-11	2012-SED-20	T	Solid	Moisture	
600-48830-12	2012-SED-21	T	Solid	Moisture	
600-48830-12MS	Matrix Spike	T	Solid	Moisture	
600-48830-12MSD	Matrix Spike Duplicate	T	Solid	Moisture	
600-48830-13	2012-SED-22	T	Solid	Moisture	
600-48830-14	2012-SED-23	T	Solid	Moisture	
600-48830-15	2012-SED-24	T	Solid	Moisture	
600-48830-16	2012-SED-25	T	Solid	Moisture	
Analysis Batch:280-104369					
LCS 280-104369/3	Lab Control Sample	T	Water	9060A	
LCSD 280-104369/4	Lab Control Sample Duplicate	T	Water	9060A	
MB 280-104369/5	Method Blank	T	Water	9060A	
600-48830-17	EQUIPMENT BLANK 6	T	Water	9060A	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:280-104671					
LCS 280-104671/3	Lab Control Sample	T	Solid	9060A	
LCSD 280-104671/4	Lab Control Sample Duplicate	T	Solid	9060A	
MB 280-104671/5	Method Blank	T	Solid	9060A	
600-48830-1	2012-SED-10	T	Solid	9060A	
600-48830-2	2012-SED-11	T	Solid	9060A	
600-48830-3	2012-SED-12	T	Solid	9060A	
600-48830-4	2012-SED-13	T	Solid	9060A	
600-48830-5	2012-SED-14	T	Solid	9060A	
600-48830-6	2012-SED-15	T	Solid	9060A	
600-48830-7	2012-SED-16	T	Solid	9060A	
600-48830-8	2012-SED-17	T	Solid	9060A	
600-48830-10	2012-SED-19	T	Solid	9060A	
600-48830-11	2012-SED-20	T	Solid	9060A	
600-48830-12	2012-SED-21	T	Solid	9060A	
600-48830-12MS	Matrix Spike	T	Solid	9060A	
600-48830-12MSD	Matrix Spike Duplicate	T	Solid	9060A	
600-48830-13	2012-SED-22	T	Solid	9060A	
600-48830-14	2012-SED-23	T	Solid	9060A	
600-48830-15	2012-SED-24	T	Solid	9060A	
600-48830-16	2012-SED-25	T	Solid	9060A	

Report Basis
T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Geotechnical					
Analysis Batch:200-32508					
600-48830-1	2012-SED-10	T	Solid	D422	
600-48830-2	2012-SED-11	T	Solid	D422	
600-48830-3	2012-SED-12	T	Solid	D422	
600-48830-4	2012-SED-13	T	Solid	D422	
600-48830-5	2012-SED-14	T	Solid	D422	
600-48830-6	2012-SED-15	T	Solid	D422	
600-48830-7	2012-SED-16	T	Solid	D422	
600-48830-8	2012-SED-17	T	Solid	D422	
600-48830-9	2012-SED-18	T	Solid	D422	
600-48830-10	2012-SED-19	T	Solid	D422	
600-48830-11	2012-SED-20	T	Solid	D422	
600-48830-12	2012-SED-21	T	Solid	D422	
600-48830-13	2012-SED-22	T	Solid	D422	
600-48830-14	2012-SED-23	T	Solid	D422	
600-48830-15	2012-SED-24	T	Solid	D422	
600-48830-16	2012-SED-25	T	Solid	D422	

Report Basis
T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Method Blank - Batch: 600-70081

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70081/1-A	Analysis Batch:	600-70835	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70081	Lab File ID:	012512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 0903	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/14/2012 0830				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-70081

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70081/2-A	Analysis Batch:	600-70835	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70081	Lab File ID:	012512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 0914	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/14/2012 0830				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.4888	98	80 - 120	
Lead	1.00	0.9759	98	80 - 120	

Method Blank - Batch: 600-70087

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-70087/1-A	Analysis Batch:	600-71033	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70087	Lab File ID:	A012712
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/27/2012 1053	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/14/2012 1121				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Lead	0.105	U	0.105	0.500

Lab Control Sample - Batch: 600-70087

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-70087/2-A	Analysis Batch:	600-71033	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70087	Lab File ID:	A012712
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/27/2012 1057	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/14/2012 1121				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	67.65	95	81 - 119	
Lead	144	133.6	93	79 - 121	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70087

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48830-12	Analysis Batch:	600-71033	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70087	Lab File ID:	A012712
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/27/2012 1155			Final Weight/Volume:	50 mL
Prep Date:	01/14/2012 1121				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48830-12	Analysis Batch:	600-71033	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70087	Lab File ID:	A012712
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/27/2012 1159			Final Weight/Volume:	50 mL
Prep Date:	01/14/2012 1121				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	57	66	75 - 125	18	20	N	N
Lead	75	67	75 - 125	6	20		N

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70087

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-48830-12	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	01/27/2012 1155		
Prep Date:	01/14/2012 1121		
Leach Date:	N/A		

MSD Lab Sample ID:	600-48830-12
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	01/27/2012 1159
Prep Date:	01/14/2012 1121
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	1.11	27.1	28.1	16.59	N	19.80	N
Lead	10.4	54.1	56.3	50.86		48.14	N

Duplicate - Batch: 600-70087

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-48830-12	Analysis Batch:	600-71033	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70087	Lab File ID:	A012712
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/27/2012 1151	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/14/2012 1121				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cadmium	1.11	0.9093	20	20	
Lead	10.4	7.478	33	20	F

Method Blank - Batch: 280-104369

Method: 9060A
Preparation: N/A

Lab Sample ID:	MB 280-104369/5	Analysis Batch:	280-104369	Instrument ID:	WC_SHI2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	012012.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	01/20/2012 1958	Units:	mg/L	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Organic Carbon - Duplicates	0.155	U	0.155	1.00

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-104369

Method: 9060A
Preparation: N/A

LCS Lab Sample ID:	LCS 280-104369/3	Analysis Batch:	280-104369	Instrument ID:	WC_SHI2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	012012.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	01/20/2012 1922	Units:	mg/L	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-104369/4	Analysis Batch:	280-104369	Instrument ID:	WC_SHI2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	012012.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	01/20/2012 1941	Units:	mg/L	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon - Duplicates	103	102	88 - 112	1	15		

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-104369

Method: 9060A
Preparation: N/A

LCS Lab Sample ID:	LCS 280-104369/3	Units:	mg/L	LCSD Lab Sample ID:	LCSD 280-104369/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/20/2012 1922			Analysis Date:	01/20/2012 1941
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Total Organic Carbon - Duplicates	25.0	25.0	25.72	25.59

Method Blank - Batch: 280-104671

Method: 9060A
Preparation: N/A

Lab Sample ID:	MB 280-104671/5	Analysis Batch:	280-104671	Instrument ID:	WC_Leco
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01242012.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/24/2012 1330	Units:	g/Kg	Final Weight/Volume:	1.0 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Organic Carbon	1.70	U	1.70	4.00

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-104671

Method: 9060A
Preparation: N/A

LCS Lab Sample ID:	LCS 280-104671/3	Analysis Batch:	280-104671	Instrument ID:	WC_Leco
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01242012.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/24/2012 1325	Units:	g/Kg	Final Weight/Volume:	1.0 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-104671/4	Analysis Batch:	280-104671	Instrument ID:	WC_Leco		
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01242012.csv		
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g		
Analysis Date:	01/24/2012 1328	Units:	g/Kg	Final Weight/Volume:	1.0 g		
Prep Date:	N/A						
Leach Date:	N/A						

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon	94	96	46 - 130	2	20	J	J

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-104671

Method: 9060A
Preparation: N/A

LCS Lab Sample ID:	LCS 280-104671/3	Units:	g/Kg	LCSD Lab Sample ID:	LCSD 280-104671/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/24/2012 1325			Analysis Date:	01/24/2012 1328
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Total Organic Carbon	4.11	4.11	3.856 J	3.949 J

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-104671

Method: 9060A
Preparation: N/A

MS Lab Sample ID:	600-48830-12	Analysis Batch:	280-104671	Instrument ID:	WC_Leco
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01242012.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/24/2012 1557			Final Weight/Volume:	1.0 g
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48830-12	Analysis Batch:	280-104671	Instrument ID:	WC_Leco
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	01242012.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 g
Analysis Date:	01/24/2012 1600			Final Weight/Volume:	1.0 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Organic Carbon	115	127	46 - 130	8	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-104671

Method: 9060A
Preparation: N/A

MS Lab Sample ID:	600-48830-12	Units: g/Kg		MSD Lab Sample ID:	600-48830-12
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/24/2012 1557			Analysis Date:	01/24/2012 1600
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Organic Carbon	32.6	120	120	170.8	184.8

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Duplicate - Batch: 600-70134

Method: Moisture
Preparation: N/A

Lab Sample ID:	600-48830-7	Analysis Batch:	600-70134	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/16/2012 1132	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	20	21	5.00		
Percent Solids	80	79	1.00		

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-SED-10	600-48830-1
2012-SED-11	600-48830-2
2012-SED-12	600-48830-3
2012-SED-13	600-48830-4
2012-SED-14	600-48830-5
2012-SED-15	600-48830-6
2012-SED-16	600-48830-7
2012-SED-17	600-48830-8
2012-SED-18	600-48830-9
2012-SED-19	600-48830-10
2012-SED-20	600-48830-11
2012-SED-21	600-48830-12
2012-SED-22	600-48830-13
2012-SED-23	600-48830-14
2012-SED-24	600-48830-15
2012-SED-25	600-48830-16
EQUIPMENT BLANK 6	600-48830-17

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-10 Lab Sample ID: 600-48830-1

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 08:33

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 84.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.897	0.293	0.0300	mg/Kg			1	6010B
7439-92-1	Lead	6.57	0.585	0.123	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-11 Lab Sample ID: 600-48830-2

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 08:55

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 87.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.768	0.279	0.0286	mg/Kg			1	6010B
7439-92-1	Lead	8.82	0.558	0.117	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-12 Lab Sample ID: 600-48830-3

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 09:24

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 76.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.723	0.320	0.0328	mg/Kg			1	6010B
7439-92-1	Lead	17.7	0.640	0.134	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-13 Lab Sample ID: 600-48830-4

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 09:40

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 87.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.05	0.274	0.0281	mg/Kg			1	6010B
7439-92-1	Lead	19.2	0.549	0.115	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-14 Lab Sample ID: 600-48830-5

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 10:02

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 83.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.968	0.289	0.0296	mg/Kg			1	6010B
7439-92-1	Lead	5.70	0.578	0.121	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-15 Lab Sample ID: 600-48830-6

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 10:20

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 77.9

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.710	0.321	0.0329	mg/Kg			1	6010B
7439-92-1	Lead	10.6	0.642	0.135	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-16 Lab Sample ID: 600-48830-7

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 11:06

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 80.1

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.19	0.297	0.0305	mg/Kg			1	6010B
7439-92-1	Lead	17.8	0.594	0.125	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-17 Lab Sample ID: 600-48830-8

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 11:31

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 81.3

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.779	0.293	0.0300	mg/Kg			1	6010B
7439-92-1	Lead	28.2	0.585	0.123	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-18 Lab Sample ID: 600-48830-9

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 11:51

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 83.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.818	0.287	0.0294	mg/Kg			1	6010B
7439-92-1	Lead	20.1	0.574	0.120	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-19 Lab Sample ID: 600-48830-10

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 14:00

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 84.4

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.975	0.285	0.0292	mg/Kg			1	6010B
7439-92-1	Lead	23.4	0.570	0.119	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-20 Lab Sample ID: 600-48830-11

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 14:16

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 82.9

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.688	0.290	0.0297	mg/Kg			1	6010B
7439-92-1	Lead	12.1	0.580	0.122	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-21 Lab Sample ID: 600-48830-12

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 14:35

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 88.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.11	0.276	0.0283	mg/Kg			1	6010B
7439-92-1	Lead	10.4	0.552	0.116	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-22 Lab Sample ID: 600-48830-13

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 15:06

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 88.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.06	0.281	0.0289	mg/Kg			1	6010B
7439-92-1	Lead	10.4	0.563	0.118	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-23 Lab Sample ID: 600-48830-14

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 15:43

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 86.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.996	0.274	0.0281	mg/Kg			1	6010B
7439-92-1	Lead	11.1	0.549	0.115	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-24 Lab Sample ID: 600-48830-15

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 16:00

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 77.9

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.743	0.311	0.0319	mg/Kg			1	6010B
7439-92-1	Lead	19.7	0.623	0.131	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SED-25 Lab Sample ID: 600-48830-16

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 16:35

Reporting Basis: DRY Date Received: 01/13/2012 09:45

% Solids: 87.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.827	0.283	0.0290	mg/Kg			1	6010B
7439-92-1	Lead	11.9	0.566	0.119	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EQUIPMENT BLANK 6 Lab Sample ID: 600-48830-17

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG ID.:

Matrix: Water Date Sampled: 01/12/2012 16:50

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

ICV Source: MET0112CCV_00003 Concentration Units: mg/L

CCV Source: MET0112CCV_00003

Analyte	ICV 600-70097/9 01/14/2012 12:08				CCV 600-70097/27 01/14/2012 12:55				CCV 600-70097/40 01/14/2012 13:29			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4821		0.500	96	0.4644		0.500	93	0.4693		0.500	94
Lead	0.4828		0.500	97	0.4772		0.500	95	0.4786		0.500	96

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00004

Analyte	ICV 600-70835/9 01/25/2012 08:20				CCV 600-70835/14 01/25/2012 08:33							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4883		0.500	98	0.4880		0.500	98				
Lead	0.4843		0.500	97	0.4832		0.500	97				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	ICV 600-70835/9 01/25/2012 08:20				CCV 600-70835/27 01/25/2012 09:06				CCV 600-70835/40 01/25/2012 09:40			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4883		0.500	98	0.4868		0.500	97	0.4781		0.500	96
Lead	0.4843		0.500	97	0.4840		0.500	97	0.4784		0.500	96

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	CCV 600-70835/51 01/25/2012 10:08											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4818		0.500	96								
Lead	0.4830		0.500	97								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-71033/4 01/27/2012 06:56				CCV 600-71033/62 01/27/2012 10:43				CCV 600-71033/74 01/27/2012 11:32			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5059		0.500	101	0.4918		0.500	98	0.4901		0.500	98
Lead	0.5035		0.500	101	0.4963		0.500	99	0.4869		0.500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-71033/86 01/27/2012 12:18				CCV 600-71033/97 01/27/2012 13:02							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4841		0.500	97	0.4871		0.500	97				
Lead	0.4743		0.500	95	0.4654		0.500	93				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-71033/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005250		105	0-500
Lead	0.0100	0.01082		108	0-500

Lab Sample ID: CRI 600-71033/99 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005160		103	0-500
Lead	0.0100	0.009610	J	96	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70097/11 01/14/2012 12:13		CCB 600-70097/29 01/14/2012 13:00		CCB 600-70097/42 01/14/2012 13:34			
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U		
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70835/11 01/25/2012 08:25		CCB 600-70835/16 01/25/2012 08:38		CCB 600-70835/29 01/25/2012 09:11		CCB 600-70835/42 01/25/2012 09:45	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70835/53 01/25/2012 10:13							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-71033/5 01/27/2012 06:59		CCB 600-71033/63 01/27/2012 10:47		CCB 600-71033/75 01/27/2012 11:36		CCB 600-71033/87 01/27/2012 12:22	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-71033/98 01/27/2012 13:06							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70081/1-A

Instrument Code: Thermo6500 Batch No.: 70097

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.03360			6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70081/1-A

Instrument Code: Thermo6500 Batch No.: 70835

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.00290	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-70087/1-A

Instrument Code: TJA1 Batch No.: 71033

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.105	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSA 600-70097/12 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0090**	
Aluminum	*500*	*514*	*103*
Antimony		*-0.0067*	
Arsenic		*-0.0002*	
Barium		*0.0008*	
Beryllium		*0.0002*	
Boron		*-0.0048*	
Calcium	*500*	*492*	*98*
Chromium		*0.0015*	
Cobalt		*0.0004*	
Copper		*0.0032*	
Iron	*200*	*193*	*97*
Lithium		*0.0089*	
Magnesium	*500*	*569*	*114*
Manganese		*-0.0052*	
Molybdenum		*-0.0003*	
Nickel		*0.0047*	
Potassium		*0.0158*	
Selenium		*0.0019*	
Silicon		*-0.0005*	
Silver		*0.0001*	
Sodium		*0.0160*	
Sodium		*0.517*	
Strontium		*0.0021*	
Thallium		*-0.0005*	
Tin		*0.0021*	
Titanium		*0.0017*	
Vanadium		*-0.0068*	
Zinc		*0.0041*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSAB 600-70097/13 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.494**	**99**
Lead	**1.00**	**0.911**	**91**
Aluminum	*510*	*545*	*107*
Antimony	*1.00*	*0.931*	*93*
Arsenic	*1.00*	*0.964*	*96*
Barium	*1.00*	*1.12*	*112*
Beryllium	*0.500*	*0.527*	*105*
Boron	*1.00*	*1.09*	*109*
Calcium	*510*	*527*	*103*
Chromium	*1.00*	*0.923*	*92*
Cobalt	*1.00*	*0.957*	*96*
Copper	*1.00*	*1.05*	*105*
Iron	*210*	*212*	*101*
Lithium	*1.00*	*1.12*	*112*
Magnesium	*510*	*599*	*117*
Manganese	*1.00*	*0.920*	*92*
Molybdenum	*1.00*	*0.890*	*89*
Nickel	*1.00*	*0.953*	*95*
Potassium	*10.0*	*11.6*	*116*
Selenium	*1.00*	*0.968*	*97*
Silicon	*1.00*	*0.979*	*98*
Silver	*0.500*	*0.549*	*110*
Sodium	*10.0*	*11.3*	*113*
Sodium	*10.0*	*11.6*	*116*
Strontium	*0.500*	*0.552*	*110*
Thallium	*1.00*	*0.898*	*90*
Tin	*1.00*	*0.960*	*96*
Titanium	*1.00*	*0.957*	*96*
Vanadium	*1.00*	*0.936*	*94*
Zinc	*1.00*	*0.971*	*97*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSA 600-70097/97 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISA_00066

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0158**	
Aluminum	*500*	*559*	*112*
Antimony		*-0.0067*	
Arsenic		*0.0000*	
Barium		*0.0007*	
Beryllium		*0.0000*	
Boron		*0.0083*	
Calcium	*500*	*519*	*104*
Chromium		*0.0018*	
Cobalt		*0.0004*	
Copper		*0.0034*	
Iron	*200*	*189*	*95*
Lithium		*0.0097*	
Magnesium	*500*	*544*	*109*
Manganese		*-0.0050*	
Molybdenum		*-0.0004*	
Nickel		*0.0050*	
Potassium		*0.0388*	
Selenium		*0.0040*	
Silicon		*0.0087*	
Silver		*-0.0001*	
Sodium		*0.0564*	
Sodium		*0.532*	
Strontium		*0.0021*	
Thallium		*-0.0050*	
Tin		*0.0016*	
Titanium		*0.0020*	
Vanadium		*-0.0072*	
Zinc		*0.0043*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSAB 600-70097/98 Instrument ID: Thermo6500

Lab File ID: A011412.asc ICS Source: METISB_00068

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.499**	**100**
Lead	**1.00**	**0.930**	**93**
Aluminum	*510*	*583*	*114*
Antimony	*1.00*	*0.969*	*97*
Arsenic	*1.00*	*0.992*	*99*
Barium	*1.00*	*1.15*	*115*
Beryllium	*0.500*	*0.508*	*102*
Boron	*1.00*	*1.02*	*102*
Calcium	*510*	*537*	*105*
Chromium	*1.00*	*0.892*	*89*
Cobalt	*1.00*	*0.964*	*96*
Copper	*1.00*	*1.03*	*103*
Iron	*210*	*201*	*96*
Lithium	*1.00*	*1.26*	*126*
Magnesium	*510*	*548*	*107*
Manganese	*1.00*	*0.887*	*89*
Molybdenum	*1.00*	*0.917*	*92*
Nickel	*1.00*	*0.971*	*97*
Potassium	*10.0*	*13.0*	*130*
Selenium	*1.00*	*0.999*	*100*
Silicon	*1.00*	*0.940*	*94*
Silver	*0.500*	*0.539*	*108*
Sodium	*10.0*	*12.6*	*126*
Sodium	*10.0*	*12.5*	*125*
Strontium	*0.500*	*0.567*	*113*
Thallium	*1.00*	*0.932*	*93*
Tin	*1.00*	*0.987*	*99*
Titanium	*1.00*	*0.939*	*94*
Vanadium	*1.00*	*0.872*	*87*
Zinc	*1.00*	*0.965*	*96*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSA 600-70835/12 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0141**	
Aluminum	*500*	*533*	*107*
Antimony		*-0.0082*	
Arsenic		*0.0042*	
Barium		*0.0006*	
Beryllium		*0.0000*	
Boron		*-0.0061*	
Calcium	*500*	*517*	*103*
Chromium		*0.0022*	
Cobalt		*0.0005*	
Copper		*0.0024*	
Iron	*200*	*202*	*101*
Lithium		*0.0072*	
Magnesium	*500*	*586*	*117*
Manganese		*-0.0053*	
Molybdenum		*-0.0009*	
Nickel		*0.0055*	
Potassium		*0.0188*	
Selenium		*0.0021*	
Silicon		*-0.0228*	
Silver		*-0.0004*	
Sodium		*0.0078*	
Strontium		*0.0022*	
Thallium		*-0.0085*	
Tin		*0.0010*	
Titanium		*0.0033*	
Vanadium		*-0.0056*	
Zinc		*0.0031*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSAB 600-70835/13 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.513**	**103**
Lead	**1.00**	**0.939**	**94**
Aluminum	*510*	*565*	*111*
Antimony	*1.00*	*0.962*	*96*
Arsenic	*1.00*	*0.992*	*99*
Barium	*1.00*	*1.10*	*110*
Beryllium	*0.500*	*0.538*	*108*
Boron	*1.00*	*1.14*	*114*
Calcium	*510*	*537*	*105*
Chromium	*1.00*	*0.971*	*97*
Cobalt	*1.00*	*0.992*	*99*
Copper	*1.00*	*1.19*	*119*
Iron	*210*	*216*	*103*
Lithium	*1.00*	*1.12*	*112*
Magnesium	*510*	*601*	*118*
Manganese	*1.00*	*0.968*	*97*
Molybdenum	*1.00*	*0.899*	*90*
Nickel	*1.00*	*0.974*	*97*
Potassium	*10.0*	*11.4*	*114*
Selenium	*1.00*	*0.984*	*98*
Silicon	*1.00*	*1.01*	*101*
Silver	*0.500*	*0.555*	*111*
Sodium	*10.0*	*11.1*	*111*
Strontium	*0.500*	*0.547*	*109*
Thallium	*1.00*	*0.921*	*92*
Tin	*1.00*	*0.990*	*99*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.00*	*100*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSA 600-70835/116 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0217**	
Aluminum	*500*	*567*	*113*
Antimony		*-0.0033*	
Arsenic		*0.0020*	
Barium		*0.0005*	
Beryllium		*-0.0003*	
Boron		*-0.0066*	
Calcium	*500*	*539*	*108*
Chromium		*0.0016*	
Cobalt		*0.0006*	
Copper		*0.0017*	
Iron	*200*	*204*	*102*
Lithium		*0.0081*	
Magnesium	*500*	*577*	*115*
Manganese		*-0.0053*	
Molybdenum		*-0.0011*	
Nickel		*0.0063*	
Potassium		*-0.0002*	
Selenium		*-0.0029*	
Silicon		*0.0204*	
Silver		*-0.0004*	
Sodium		*0.0807*	
Strontium		*0.0023*	
Thallium		*-0.0014*	
Tin		*0.0021*	
Titanium		*0.0030*	
Vanadium		*-0.0053*	
Zinc		*0.0029*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSAB 600-70835/117 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.507**	**101**
Lead	**1.00**	**0.918**	**92**
Aluminum	*510*	*598*	*117*
Antimony	*1.00*	*0.947*	*95*
Arsenic	*1.00*	*0.983*	*98*
Barium	*1.00*	*1.11*	*111*
Beryllium	*0.500*	*0.535*	*107*
Boron	*1.00*	*1.12*	*112*
Calcium	*510*	*555*	*109*
Chromium	*1.00*	*0.977*	*98*
Cobalt	*1.00*	*0.990*	*99*
Copper	*1.00*	*1.20*	*120*
Iron	*210*	*216*	*103*
Lithium	*1.00*	*1.18*	*118*
Magnesium	*510*	*590*	*116*
Manganese	*1.00*	*0.966*	*97*
Molybdenum	*1.00*	*0.879*	*88*
Nickel	*1.00*	*0.960*	*96*
Potassium	*10.0*	*12.0*	*120*
Selenium	*1.00*	*0.970*	*97*
Silicon	*1.00*	*0.962*	*96*
Silver	*0.500*	*0.553*	*111*
Sodium	*10.0*	*11.7*	*117*
Strontium	*0.500*	*0.542*	*108*
Thallium	*1.00*	*0.910*	*91*
Tin	*1.00*	*0.993*	*99*
Titanium	*1.00*	*1.03*	*103*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*0.997*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSA 600-71033/7 Instrument ID: TJA1

Lab File ID: A012712 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0014**	
Lead		**0.0065**	
Aluminum	*500*	*518*	*104*
Antimony		*-0.0001*	
Arsenic		*0.0006*	
Barium		*0.0017*	
Beryllium		*0.0001*	
Boron		*-0.0025*	
Calcium	*500*	*466*	*93*
Chromium		*0.0014*	
Cobalt		*0.0000*	
Copper		*0.0139*	
Iron	*200*	*195*	*98*
Lithium		*0.0044*	
Magnesium	*500*	*523*	*105*
Manganese		*-0.0077*	
Molybdenum		*0.0002*	
Nickel		*0.0005*	
Potassium		*-0.0145*	
Selenium		*-0.0111*	
Silicon		*0.0129*	
Silver		*-0.0004*	
Sodium		*0.167*	
Strontium		*-0.0093*	
Thallium		*-0.0216*	
Tin		*0.0000*	
Titanium		*-0.0028*	
Vanadium		*0.0033*	
Zinc		*0.0021*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSAB 600-71033/8 Instrument ID: TJA1

Lab File ID: A012712 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.483**	**97**
Lead	**1.00**	**0.991**	**99**
Aluminum	*510*	*529*	*104*
Antimony	*1.00*	*1.05*	*105*
Arsenic	*1.00*	*1.04*	*104*
Barium	*1.00*	*1.04*	*104*
Beryllium	*0.500*	*0.502*	*100*
Boron	*1.00*	*1.05*	*105*
Calcium	*510*	*474*	*93*
Chromium	*1.00*	*0.983*	*98*
Cobalt	*1.00*	*0.955*	*95*
Copper	*1.00*	*1.10*	*110*
Iron	*210*	*205*	*98*
Lithium	*1.00*	*1.23*	*123*
Magnesium	*510*	*535*	*105*
Manganese	*1.00*	*0.972*	*97*
Molybdenum	*1.00*	*1.00*	*100*
Nickel	*1.00*	*0.946*	*95*
Potassium	*10.0*	*14.3*	*143*
Selenium	*1.00*	*1.02*	*102*
Silicon	*1.00*	*0.977*	*98*
Silver	*0.500*	*0.542*	*108*
Sodium	*10.0*	*13.9*	*139*
Strontium	*0.500*	*0.500*	*100*
Thallium	*1.00*	*0.954*	*95*
Tin	*1.00*	*1.02*	*102*
Titanium	*1.00*	*1.01*	*101*
Vanadium	*1.00*	*1.00*	*100*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSA 600-71033/100 Instrument ID: TJA1

Lab File ID: A012712 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0008**	
Lead		**0.0051**	
Aluminum	*500*	*483*	*97*
Antimony		*0.0007*	
Arsenic		*0.0005*	
Barium		*0.0017*	
Beryllium		*-0.0010*	
Boron		*-0.0013*	
Calcium	*500*	*438*	*88*
Chromium		*0.0013*	
Cobalt		*-0.0001*	
Copper		*0.0105*	
Iron	*200*	*189*	*95*
Lithium		*0.0036*	
Magnesium	*500*	*475*	*95*
Manganese		*-0.0067*	
Molybdenum		*-0.0013*	
Nickel		*0.0007*	
Potassium		*-0.555*	
Selenium		*-0.0157*	
Silicon		*0.0023*	
Silver		*-0.0009*	
Sodium		*0.139*	
Strontium		*-0.0088*	
Thallium		*-0.0067*	
Tin		*-0.0061*	
Titanium		*-0.0025*	
Vanadium		*0.0040*	
Zinc		*-0.0081*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Lab Sample ID: ICSAB 600-71033/101 Instrument ID: TJA1

Lab File ID: A012712 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.461**	**92**
Lead	**1.00**	**0.896**	**90**
Aluminum	*510*	*488*	*96*
Antimony	*1.00*	*1.00*	*100*
Arsenic	*1.00*	*1.00*	*100*
Barium	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.447*	*89*
Boron	*1.00*	*1.02*	*102*
Calcium	*510*	*441*	*86*
Chromium	*1.00*	*0.871*	*87*
Cobalt	*1.00*	*0.826*	*83*
Copper	*1.00*	*1.03*	*103*
Iron	*210*	*197*	*94*
Lithium	*1.00*	*1.22*	*122*
Magnesium	*510*	*478*	*94*
Manganese	*1.00*	*0.884*	*88*
Molybdenum	*1.00*	*0.939*	*94*
Nickel	*1.00*	*0.744*	*74*
Potassium	*10.0*	*14.4*	*144*
Selenium	*1.00*	*0.939*	*94*
Silicon	*1.00*	*0.910*	*91*
Silver	*0.500*	*0.506*	*101*
Sodium	*10.0*	*13.8*	*138*
Strontium	*0.500*	*0.491*	*98*
Thallium	*1.00*	*0.980*	*98*
Tin	*1.00*	*0.879*	*88*
Titanium	*1.00*	*0.965*	*97*
Vanadium	*1.00*	*0.922*	*92*
Zinc	*1.00*	*0.941*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-SED-21 MS
Lab ID: 600-48830-12 MS
Lab Name: TestAmerica Houston
Job No.: 600-48830-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 88.8

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	16.59		1.11		27.1	57	75-125	N	6010B
Lead	50.86		10.4		54.1	75	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-SED-21 MSD
Lab ID: 600-48830-12 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48830-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 88.8

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	19.80		28.1	66	75-125	18	20	N	6010B
Lead	48.14		56.3	67	75-125	6	20	N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

6-IN
DUPLICATES
METALS

Client ID: 2012-SED-21 DU | Lab ID: 600-48830-12 DU

Lab Name: TestAmerica Houston | Job No.: 600-48830-1

SDG No.:

% Solids for Sample: 88.8 | % Solids for Duplicate: 88.8

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.271	1.11		0.9093		20		6010B
Lead	0.541	10.4		7.478		33	F	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70081/2-A

Lab Name: TestAmerica Houston Job No.: 600-48830-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.4742		95	80	120		6010B
Lead	1.00	0.9558		96	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70081/2-A

Lab Name: TestAmerica Houston Job No.: 600-48830-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.4888		98	80	120		6010B
Lead	1.00	0.9759		98	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70087/2-A

Lab Name: TestAmerica Houston Job No.: 600-48830-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	67.65		95	81	119		6010B
Lead	144	133.6		93	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-48830-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70081/1-A	01/14/2012 08:30	70081		50	50
LCS 600-70081/2-A	01/14/2012 08:30	70081		50	50
600-48830-17	01/14/2012 08:30	70081		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-70087/1-A	01/14/2012 11:21	70087	1.00		50
LCS 600-70087/2-A	01/14/2012 11:21	70087	0.50		50
600-48830-1	01/14/2012 11:21	70087	1.01		50
600-48830-2	01/14/2012 11:21	70087	1.03		50
600-48830-3	01/14/2012 11:21	70087	1.02		50
600-48830-5	01/14/2012 11:21	70087	1.04		50
600-48830-6	01/14/2012 11:21	70087	1.00		50
600-48830-7	01/14/2012 11:21	70087	1.05		50
600-48830-8	01/14/2012 11:21	70087	1.05		50
600-48830-9	01/14/2012 11:21	70087	1.04		50
600-48830-10	01/14/2012 11:21	70087	1.04		50
600-48830-11	01/14/2012 11:21	70087	1.04		50
600-48830-12	01/14/2012 11:21	70087	1.02		50
600-48830-12 DU	01/14/2012 11:21	70087	1.04		50
600-48830-12 MS	01/14/2012 11:21	70087	1.04		50
600-48830-12 MSD	01/14/2012 11:21	70087	1.00		50
600-48830-13	01/14/2012 11:21	70087	1.01		50
600-48830-14	01/14/2012 11:21	70087	1.05		50
600-48830-15	01/14/2012 11:21	70087	1.03		50
600-48830-16	01/14/2012 11:21	70087	1.01		50
600-48830-4	01/16/2012 08:09	70087	1.04		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 11:47 End Date: 01/14/2012 16:10

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-70097/1			11:47																					
RINSE 600-70097/2			11:50																					
ZZZZZZ			11:52																					
ZZZZZZ			11:55																					
CALIBSTD 600-70097/5 IC			11:58	X	X																			
CALIBSTD 600-70097/6 IC			12:00	X	X																			
CALIBSTD 600-70097/7 IC			12:03	X	X																			
CALIBSTD 600-70097/8 IC			12:05	X	X																			
ICV 600-70097/9	1		12:08	X	X																			
ZZZZZZ			12:10																					
ICB 600-70097/11	1		12:13	X	X																			
ICSA 600-70097/12	1		12:15	X	X																			
ICSAB 600-70097/13	1		12:18	X	X																			
CCV 600-70097/14			12:20																					
ZZZZZZ			12:23																					
CCB 600-70097/16			12:26																					
ZZZZZZ			12:28																					
ZZZZZZ			12:31																					
ZZZZZZ			12:33																					
ZZZZZZ			12:36																					
ZZZZZZ			12:39																					
ZZZZZZ			12:41																					
ZZZZZZ			12:44																					
ZZZZZZ			12:47																					
ZZZZZZ			12:50																					
ZZZZZZ			12:52																					
CCV 600-70097/27	1		12:55	X	X																			
ZZZZZZ			12:57																					
CCB 600-70097/29	1		13:00	X	X																			
ZZZZZZ			13:03																					
ZZZZZZ			13:05																					
ZZZZZZ			13:08																					
ZZZZZZ			13:11																					
ZZZZZZ			13:13																					
MB 600-70081/1-A	1	T	13:16	X	X																			
LCS 600-70081/2-A	1	T	13:18	X	X																			
ZZZZZZ			13:21																					
ZZZZZZ			13:24																					
ZZZZZZ			13:26																					
CCV 600-70097/40	1		13:29	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 11:47 End Date: 01/14/2012 16:10

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			13:31																					
CCB 600-70097/42	1		13:34	X	X																			
ZZZZZZ			13:37																					
ZZZZZZ			13:39																					
ZZZZZZ			13:42																					
CCV 600-70097/46			13:44																					
ZZZZZZ			13:47																					
CCB 600-70097/48			13:50																					
ZZZZZZ			13:52																					
ZZZZZZ			13:55																					
ZZZZZZ			13:57																					
ZZZZZZ			14:00																					
ZZZZZZ			14:03																					
ZZZZZZ			14:05																					
ZZZZZZ			14:08																					
ZZZZZZ			14:10																					
ZZZZZZ			14:13																					
ZZZZZZ			14:16																					
CCV 600-70097/59			14:18																					
ZZZZZZ			14:21																					
CCB 600-70097/61			14:23																					
ZZZZZZ			14:26																					
ZZZZZZ			14:29																					
ZZZZZZ			14:31																					
ZZZZZZ			14:34																					
ZZZZZZ			14:36																					
ZZZZZZ			14:39																					
ZZZZZZ			14:42																					
ZZZZZZ			14:44																					
ZZZZZZ			14:47																					
ZZZZZZ			14:50																					
CCV 600-70097/72			14:53																					
ZZZZZZ			14:55																					
CCB 600-70097/74			14:58																					
ZZZZZZ			15:00																					
ZZZZZZ			15:03																					
ZZZZZZ			15:06																					
ZZZZZZ			15:08																					
ZZZZZZ			15:11																					
ZZZZZZ			15:13																					
ZZZZZZ			15:16																					
ZZZZZZ			15:19																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/14/2012 11:47 End Date: 01/14/2012 16:10

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			15:21																					
ZZZZZZ			15:24																					
CCV 600-70097/85			15:26																					
ZZZZZZ			15:29																					
CCB 600-70097/87			15:31																					
ZZZZZZ			15:34																					
ZZZZZZ			15:37																					
ZZZZZZ			15:39																					
ZZZZZZ			15:42																					
ZZZZZZ			15:44																					
ZZZZZZ			15:47																					
CCV 600-70097/94			15:49																					
ZZZZZZ			15:52																					
CCB 600-70097/96			15:55																					
ICSA 600-70097/97	1		15:57	X	X																			
ICSAB 600-70097/98	1		16:00	X	X																			
CCV 600-70097/99			16:02																					
CCB 600-70097/100			16:05																					
RINSE 600-70097/101			16:08																					
RINSE 600-70097/102			16:10																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-70835/1			08:00																					
RINSE 600-70835/2			08:02																					
ZZZZZZ			08:05																					
ZZZZZZ			08:08																					
CALIBSTD 600-70835/5 IC			08:10	X	X																			
CALIBSTD 600-70835/6 IC			08:13	X	X																			
CALIBSTD 600-70835/7 IC			08:15	X	X																			
CALIBSTD 600-70835/8 IC			08:18	X	X																			
ICV 600-70835/9	1		08:20	X	X																			
ZZZZZZ			08:22																					
ICB 600-70835/11	1		08:25	X	X																			
ICSA 600-70835/12	1		08:28	X	X																			
ICSAB 600-70835/13	1		08:30	X	X																			
CCV 600-70835/14	1		08:33	X	X																			
ZZZZZZ			08:35																					
CCB 600-70835/16	1		08:38	X	X																			
ZZZZZZ			08:40																					
ZZZZZZ			08:43																					
ZZZZZZ			08:45																					
ZZZZZZ			08:48																					
ZZZZZZ			08:51																					
ZZZZZZ			08:53																					
ZZZZZZ			08:56																					
ZZZZZZ			08:58																					
ZZZZZZ			09:01																					
MB 600-70081/1-A	1	T	09:03	X	X																			
CCV 600-70835/27	1		09:06	X	X																			
ZZZZZZ			09:09																					
CCB 600-70835/29	1		09:11	X	X																			
LCS 600-70081/2-A	1	T	09:14	X	X																			
ZZZZZZ			09:16																					
ZZZZZZ			09:19																					
ZZZZZZ			09:22																					
600-48830-17	1	T	09:24	X	X																			
ZZZZZZ			09:27																					
ZZZZZZ			09:29																					
ZZZZZZ			09:32																					
ZZZZZZ			09:34																					
ZZZZZZ			09:37																					
CCV 600-70835/40	1		09:40	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			09:42																					
CCB 600-70835/42	1		09:45	X	X																			
ZZZZZZ			09:47																					
ZZZZZZ			09:50																					
ZZZZZZ			09:52																					
ZZZZZZ			09:55																					
ZZZZZZ			09:58																					
ZZZZZZ			10:00																					
ZZZZZZ			10:03																					
ZZZZZZ			10:05																					
CCV 600-70835/51	1		10:08	X	X																			
ZZZZZZ			10:11																					
CCB 600-70835/53	1		10:13	X	X																			
ZZZZZZ			10:16																					
ZZZZZZ			10:19																					
ZZZZZZ			10:21																					
ZZZZZZ			10:24																					
ZZZZZZ			10:26																					
ZZZZZZ			10:29																					
ZZZZZZ			10:32																					
ZZZZZZ			10:35																					
ZZZZZZ			10:37																					
ZZZZZZ			10:40																					
CCV 600-70835/64			10:43																					
ZZZZZZ			10:45																					
CCB 600-70835/66			10:48																					
ZZZZZZ			10:51																					
ZZZZZZ			10:53																					
ZZZZZZ			10:56																					
ZZZZZZ			10:59																					
ZZZZZZ			11:01																					
ZZZZZZ			11:03																					
ZZZZZZ			11:06																					
ZZZZZZ			11:09																					
ZZZZZZ			11:12																					
ZZZZZZ			11:14																					
CCV 600-70835/77			11:17																					
ZZZZZZ			11:19																					
CCB 600-70835/79			11:22																					
ZZZZZZ			11:25																					
ZZZZZZ			11:27																					
ZZZZZZ			11:30																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
CCV 600-70835/83			11:32																					
ZZZZZZ			11:35																					
CCB 600-70835/85			11:37																					
ZZZZZZ			11:40																					
ZZZZZZ			11:43																					
ZZZZZZ			11:45																					
ZZZZZZ			11:48																					
ZZZZZZ			11:50																					
ZZZZZZ			11:53																					
ZZZZZZ			11:56																					
ZZZZZZ			11:58																					
ZZZZZZ			12:01																					
ZZZZZZ			12:04																					
CCV 600-70835/96			12:06																					
ZZZZZZ			12:09																					
CCB 600-70835/98			12:12																					
ZZZZZZ			12:14																					
ZZZZZZ			12:17																					
ZZZZZZ			12:19																					
ZZZZZZ			12:22																					
ZZZZZZ			12:24																					
ZZZZZZ			12:27																					
ZZZZZZ			12:30																					
ZZZZZZ			12:32																					
ZZZZZZ			12:35																					
ZZZZZZ			12:38																					
CCV 600-70835/109			12:40																					
ZZZZZZ			12:43																					
CCB 600-70835/111			12:45																					
ZZZZZZ			12:48																					
CCV 600-70835/113			12:51																					
ZZZZZZ			12:53																					
CCB 600-70835/115			12:56																					
ICSA 600-70835/116	1		15:54	X	X																			
ICSAB 600-70835/117	1		15:57	X	X																			
CCV 600-70835/118			15:59																					
CCB 600-70835/119			16:01																					
RINSE 600-70835/120			16:04																					
RINSE 600-70835/121			16:07																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/27/2012 06:44 End Date: 01/27/2012 13:25

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			06:44																					
STD 600-71033/2 IC			06:48	X	X																			
ZZZZZZ			06:52																					
ICV 600-71033/4	1		06:56	X	X																			
ICB 600-71033/5	1		06:59	X	X																			
CRI 600-71033/6	1		07:03	X	X																			
ICSA 600-71033/7	1		07:07	X	X																			
ICSAB 600-71033/8	1		07:11	X	X																			
CCV 600-71033/9			07:16																					
CCB 600-71033/10			07:20																					
ZZZZZZ			07:24																					
ZZZZZZ			07:28																					
ZZZZZZ			07:32																					
ZZZZZZ			07:36																					
ZZZZZZ			07:40																					
ZZZZZZ			07:43																					
ZZZZZZ			07:47																					
ZZZZZZ			07:51																					
ZZZZZZ			07:55																					
ZZZZZZ			07:59																					
CCV 600-71033/21			08:03																					
CCB 600-71033/22			08:06																					
ZZZZZZ			08:10																					
ZZZZZZ			08:14																					
ZZZZZZ			08:18																					
ZZZZZZ			08:22																					
ZZZZZZ			08:26																					
ZZZZZZ			08:30																					
ZZZZZZ			08:33																					
ZZZZZZ			08:37																					
ZZZZZZ			08:41																					
ZZZZZZ			08:45																					
CCV 600-71033/33			08:49																					
CCB 600-71033/34			08:53																					
ZZZZZZ			08:57																					
ZZZZZZ			09:00																					
ZZZZZZ			09:04																					
ZZZZZZ			09:08																					
ZZZZZZ			09:12																					
ZZZZZZ			09:16																					
ZZZZZZ			09:20																					
CCV 600-71033/42			09:23																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/27/2012 06:44 End Date: 01/27/2012 13:25

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
CCB 600-71033/43			09:27																				
ZZZZZZ			09:33																				
ZZZZZZ			09:37																				
ZZZZZZ			09:41																				
ZZZZZZ			09:44																				
ZZZZZZ			09:48																				
ZZZZZZ			09:52																				
ZZZZZZ			09:56																				
ZZZZZZ			10:00																				
ZZZZZZ			10:04																				
ZZZZZZ			10:08																				
CCV 600-71033/54			10:11																				
CCB 600-71033/55			10:15																				
ZZZZZZ			10:20																				
ZZZZZZ			10:24																				
ZZZZZZ			10:28																				
ZZZZZZ			10:31																				
ZZZZZZ			10:35																				
ZZZZZZ			10:39																				
CCV 600-71033/62	1		10:43	X	X																		
CCB 600-71033/63	1		10:47	X	X																		
MB 600-70087/1-A	1	T	10:53	X	X																		
LCS 600-70087/2-A	1	T	10:57	X	X																		
600-48830-1	1	T	11:01	X	X																		
600-48830-2	1	T	11:05	X	X																		
600-48830-3	1	T	11:09	X	X																		
600-48830-5	1	T	11:13	X	X																		
600-48830-6	1	T	11:17	X	X																		
600-48830-7	1	T	11:20	X	X																		
600-48830-8	1	T	11:24	X	X																		
600-48830-9	1	T	11:28	X	X																		
CCV 600-71033/74	1		11:32	X	X																		
CCB 600-71033/75	1		11:36	X	X																		
600-48830-10	1	T	11:40	X	X																		
600-48830-11	1	T	11:43	X	X																		
600-48830-12	1	T	11:47	X	X																		
600-48830-12 DU	1	T	11:51	X	X																		
600-48830-12 MS	1	T	11:55	X	X																		
600-48830-12 MSD	1	T	11:59	X	X																		
600-48830-13	1	T	12:03	X	X																		
600-48830-14	1	T	12:07	X	X																		
600-48830-15	1	T	12:10	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/27/2012 06:44 End Date: 01/27/2012 13:25

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
600-48830-16	1	T	12:14	X	X																		
CCV 600-71033/86	1		12:18	X	X																		
CCB 600-71033/87	1		12:22	X	X																		
600-48830-4	1	T	12:27	X	X																		
ZZZZZZ			12:31																				
ZZZZZZ			12:35																				
ZZZZZZ			12:39																				
ZZZZZZ			12:42																				
ZZZZZZ			12:46																				
ZZZZZZ			12:50																				
ZZZZZZ			12:54																				
ZZZZZZ			12:58																				
CCV 600-71033/97	1		13:02	X	X																		
CCB 600-71033/98	1		13:06	X	X																		
CRI 600-71033/99	1		13:09	X	X																		
ICSA 600-71033/100	1		13:13	X	X																		
ICSAB 600-71033/101	1		13:17	X	X																		
CCV 600-71033/102			13:21																				
CCB 600-71033/103			13:25																				

Prep Types

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:47:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0005	625.1	0.0002	-0.0004
Al3082	308.215	{1 In2306	ppm	0.0982	0.0679	69.15	0.1463	0.0502
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0002	161.8	0	-0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.0006	0.0028	489.9	0.0014	-0.0026
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0	9.543	-0.0004	-0.0003
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	107.1	-0.0002	0
Ca3158	315.887	{1 In2306	ppm	-0.0347	0.02	57.55	-0.0489	-0.0206
Ca3181	318.128	{1 In2306	ppm	-0.0192	0.0875	455.6	-0.0811	0.0427
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	24.92	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0.0001	16.54	0.0003	0.0003
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	23.82	-0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0011	0.0002	19.22	0.0012	0.0009
Fe2404	240.488	{1 In2306	ppm	0.0031	0.0116	370.9	0.0114	-0.0051
K_7664	766.490	{ 4 Y_3710	ppm	0.014	0.0068	48.45	0.0187	0.0092
K_7698	769.896	{ 4 Y_3710	ppm	0.1504	0.1412	93.89	0.0505	0.2502
Li6707	670.784	{ 5 Y_3710	ppm	-0.0008	0.0007	81.5	-0.0003	-0.0013
Mg2790	279.079	{1 Y_3710	ppm	-0.0557	0.0076	13.68	-0.0611	-0.0503
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0.0001	64.75	0.0001	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0.0022	0.0009	40.77	0.0029	0.0016
Mo2020	202.030	{4 Y_2243	ppm	0	0.0001	304.9	0.0001	0
Na5895	589.592	{ 5 Y_3710	ppm	-0.0081	0.0028	34.46	-0.01	-0.0061
Na8183	818.326	{ 4 Y_3710	ppm	-0.5763	0.0419	7.277	-0.6059	-0.5466
Ni2316	231.604	{4 In2306	ppm	-0.0002	0.0001	51.39	-0.0003	-0.0001
P_1782	178.284	{4 In2306	ppm	-0.002	0.0009	42.53	-0.0014	-0.0026
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0009	720.4	-0.0005	0.0008
S_1820	182.034	{4 Y_2243	ppm	3.64	0.3736	10.26	3.376	3.904
Sb2068	206.833	{4 Y_2243	ppm	0.0045	0.0003	7.178	0.0047	0.0042
Se1960	196.090	{4 Y_2243	ppm	-0.0012	0.0012	95	-0.0004	-0.002
Si2516	251.611	{1 Y_3710	ppm	-0.0113	0.0113	99.96	-0.0193	-0.0033
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	111	0.0002	0
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0.0001	39.78	-0.0004	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0003	95.88	0.0001	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0011	0.0002	20.95	0.0013	0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0018	0	0.6233	-0.0018	-0.0018
Zn2062	206.200	{4 In2306	ppm	0	0	36.02	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	53.324	1.8875	3.5397	54.659	51.99
In2306	230.606	{4 Cts/S	10601	100.48	0.94781	10530	10673
Y_2243	224.306	{4 Cts/S	13171	121.13	0.9197	13085	13256
Y_3600	360.073	{ 9 Cts/S	110040	932.64	0.84753	109380	110700
Y_3710	371.030	{ 9 Cts/S	7385.3	188.44	2.5515	7518.6	7252.1

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:50:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	11540	0	0
Al3082	308.215	{1 In2306	ppm	0.1037	0.067	64.61	0.151	0.0563
As1890	189.042	{4 Y_2243	ppm	0.0001	0.001	1800	-0.0007	0.0008
B_2496	249.678	{1 Y_3710	ppm	-0.0003	0.0099	3379	-0.0073	0.0067
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0002	371.1	0.0001	-0.0002
Be3130	313.042	{1 Y_3710	ppm	-0.0002	0.0001	46.29	-0.0001	-0.0002
Ca3158	315.887	{1 In2306	ppm	-0.0417	0.0281	67.23	-0.0616	-0.0219
Ca3181	318.128	{1 In2306	ppm	0.0996	0.1013	101.7	0.0279	0.1712
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	133.7	0.0002	0
Co2286	228.616	{4 In2306	ppm	0.0001	0	65.34	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0	4.177	-0.0002	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.001	0.0003	25.44	0.0012	0.0008
Fe2404	240.488	{1 In2306	ppm	0.0141	0.0357	253.2	-0.0111	0.0393
K_7664	766.490	{ 4 Y_3710	ppm	-0.0011	0.0187	1715	0.0122	-0.0143
K_7698	769.896	{ 4 Y_3710	ppm	0.1411	0.0981	69.53	0.2104	0.0717
Li6707	670.784	{ 5 Y_3710	ppm	-0.0006	0.0007	107.4	-0.0002	-0.0011
Mg2790	279.079	{1 Y_3710	ppm	-0.0165	0.0127	77.36	-0.0255	-0.0075
Mn2576	257.610	{1 Y_3600	ppm	0	0	8.231	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0014	0.0014	100.3	0.0024	0.0004
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0001	98.68	0	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	-0.0015	0.0009	58.23	-0.0009	-0.0022
Na8183	818.326	{ 4 Y_3710	ppm	-0.6435	0.0636	9.877	-0.6884	-0.5985
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0001	62.96	0.0001	0.0002
P_1782	178.284	{4 In2306	ppm	-0.0018	0.0006	34.03	-0.0022	-0.0013
Pb2203	220.353	{4 In2306	ppm	-0.0009	0.0005	58.89	-0.0005	-0.0013
S_1820	182.034	{4 Y_2243	ppm	4.843	0.9961	20.57	5.547	4.138
Sb2068	206.833	{4 Y_2243	ppm	0.0022	0.0001	2.648	0.0021	0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.001	204.7	-0.0012	0.0002
Si2516	251.611	{1 Y_3710	ppm	-0.0121	0.0045	37.65	-0.0088	-0.0153
Sn1899	189.989	{4 In2306	ppm	-0.0004	0.0003	68.51	-0.0006	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0004	0.0002	45.35	-0.0003	-0.0005
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0.0004	215.8	-0.0001	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0015	0	1.64	0.0015	0.0015
V_2924	292.402	{1 Y_3600	ppm	-0.0015	0	1.739	-0.0015	-0.0015
Zn2062	206.200	{4 In2306	ppm	-0.0001	0	17.22	-0.0001	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.626	1.0618	2.0176	51.875	53.377
In2306	230.606	{4 Cts/S	10660	174.94	1.6412	10536	10783
Y_2243	224.306	{4 Cts/S	13259	249.74	1.8836	13082	13435
Y_3600	360.073	{ 9 Cts/S	111130	97.936	0.08813	111200	111060
Y_3710	371.030	{ 9 Cts/S	7305.5	71.703	0.98149	7254.8	7356.2

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:52:47
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0	0	85.92	0	0.0001
Al3082	308.215	{1 In2306	Cts/S	0.1922	0.0055	2.884	0.1883	0.1961
As1890	189.042	{4 Y_2243	Cts/S	0	0	64.91	0.0001	0
B_2496	249.678	{1 Y_3710	Cts/S	0.0002	0.0001	75.5	0.0003	0.0001
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.0061	0	0.0945	0.0061	0.0061
Be3130	313.042	{1 Y_3710	Cts/S	-0.0001	0.0001	76.48	-0.0002	-0.0001
Ca3158	315.887	{1 In2306	Cts/S	-0.0861	0.0115	13.4	-0.0943	-0.0779
Ca3181	318.128	{1 In2306	Cts/S	-0.0327	0.0539	164.6	-0.0708	0.0054
Cd2288	228.802	{4 Y_2243	Cts/S	0.0004	0	4.752	0.0004	0.0004
Co2286	228.616	{4 In2306	Cts/S	-0.0002	0.0001	26.33	-0.0003	-0.0002
Cr2677	267.716	{1 Y_3600	Cts/S	0	0	55.84	0.0001	0
Cu3247	324.754	{1 Y_3600	Cts/S	0.0013	0	2.502	0.0013	0.0014
Fe2404	240.488	{1 In2306	Cts/S	0.0099	0.0293	296.4	-0.0108	0.0306
K_7664	766.490	{ 4 Y_3710	Cts/S	-0.0009	0.001	109.9	-0.0016	-0.0002
K_7698	769.896	{ 4 Y_3710	Cts/S	0.0267	0.0025	9.295	0.0284	0.0249
Li6707	670.784	{ 5 Y_3710	Cts/S	0.0025	0.0012	47.92	0.0034	0.0017
Mg2790	279.079	{1 Y_3710	Cts/S	0	0.0001	322.4	0	0.0001
Mn2576	257.610	{1 Y_3600	Cts/S	0.0001	0	28	0.0001	0
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0001	0.0001	93.57	0.0002	0
Mo2020	202.030	{4 Y_2243	Cts/S	0.0001	0	56.6	0.0001	0
Na5895	589.592	{ 5 Y_3710	Cts/S	0.0055	0.001	17.68	0.0062	0.0048
Na8183	818.326	{ 4 Y_3710	Cts/S	-0.0108	0.0012	11.45	-0.0099	-0.0117
Ni2316	231.604	{4 In2306	Cts/S	0.0002	0	2.49	0.0002	0.0002
P_1782	178.284	{4 In2306	Cts/S	0.0001	0	39.99	0.0002	0.0001
Pb2203	220.353	{4 In2306	Cts/S	-0.0002	0.0001	58.99	-0.0001	-0.0002
S_1820	182.034	{4 Y_2243	Cts/S	-0.0003	0	5.516	-0.0003	-0.0003
Sb2068	206.833	{4 Y_2243	Cts/S	-0.0001	0	53.17	0	-0.0001
Se1960	196.090	{4 Y_2243	Cts/S	0	0	281.4	0	0
Si2516	251.611	{1 Y_3710	Cts/S	0.0001	0.0001	108.4	0.0001	0
Sn1899	189.989	{4 In2306	Cts/S	0	0	34.45	0	0.0001
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.0005	0.0008	174.5	-0.0001	0.001
Ti3349	334.904	{1 Y_3600	Cts/S	0	0	377.5	0	0
Tl1908	190.856	{4 In2306	Cts/S	-0.0001	0	51.74	0	-0.0001
V_2924	292.402	{1 Y_3600	Cts/S	-0.0002	0	8.673	-0.0003	-0.0002
Zn2062	206.200	{4 In2306	Cts/S	0.0006	0.0001	15.25	0.0007	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.051	1.4412	2.7689	51.032	53.071
In2306	230.606	{4 Cts/S	10550	149.37	1.4159	10655	10444
Y_2243	224.306	{4 Cts/S	13138	192.39	1.4644	13274	13002
Y_3600	360.073	{ 9 Cts/S	109620	126.58	0.11547	109710	109530
Y_3710	371.030	{ 9 Cts/S	7265.3	156.37	2.1523	7154.7	7375.9

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:55:26
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0072	0.0001	1.166	0.0071	0.0072
Al3082	308.215	{1 In2306	Cts/S	0.9847	0.0262	2.662	1.003	0.9662
As1890	189.042	{4 Y_2243	Cts/S	0.0078	0	0.4939	0.0079	0.0078
B_2496	249.678	{1 Y_3710	Cts/S	0.0025	0	1.728	0.0025	0.0026
Ba4554	455.403	{ 7 Y_3710	Cts/S	0.4479	0.0031	0.6829	0.4501	0.4457
Be3130	313.042	{1 Y_3710	Cts/S	0.1653	0.0005	0.2763	0.1656	0.1649
Ca3158	315.887	{1 In2306	Cts/S	2.818	0.0471	1.67	2.851	2.785
Ca3181	318.128	{1 In2306	Cts/S	0.613	0.0165	2.695	0.6013	0.6246
Cd2288	228.802	{4 Y_2243	Cts/S	0.0545	0.0002	0.359	0.0546	0.0543
Co2286	228.616	{4 In2306	Cts/S	0.0882	0.0004	0.4559	0.0884	0.0879
Cr2677	267.716	{1 Y_3600	Cts/S	0.0105	0.0002	1.578	0.0104	0.0106
Cu3247	324.754	{1 Y_3600	Cts/S	0.024	0.0001	0.2559	0.024	0.0241
Fe2404	240.488	{1 In2306	Cts/S	1.686	0.0496	2.939	1.721	1.651
K_7664	766.490	{ 4 Y_3710	Cts/S	0.1278	0.003	2.357	0.1299	0.1257
K_7698	769.896	{ 4 Y_3710	Cts/S	0.0799	0.0005	0.6189	0.0803	0.0796
Li6707	670.784	{ 5 Y_3710	Cts/S	0.4862	0.0096	1.975	0.493	0.4795
Mg2790	279.079	{1 Y_3710	Cts/S	0.0042	0.0001	3.097	0.0043	0.0041
Mn2576	257.610	{1 Y_3600	Cts/S	0.0766	0.0012	1.565	0.0757	0.0774
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.0178	0.0003	1.728	0.0176	0.018
Mo2020	202.030	{4 Y_2243	Cts/S	0.0422	0.0002	0.5922	0.0423	0.042
Na5895	589.592	{ 5 Y_3710	Cts/S	0.392	0.0083	2.124	0.3978	0.3861
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0051	0.0046	91.66	0.0018	0.0083
Ni2316	231.604	{4 In2306	Cts/S	0.0524	0.0004	0.703	0.0527	0.0522
P_1782	178.284	{4 In2306	Cts/S	0.0069	0.0001	1.16	0.0069	0.0068
Pb2203	220.353	{4 In2306	Cts/S	0.0164	0.0001	0.8838	0.0165	0.0163
S_1820	182.034	{4 Y_2243	Cts/S	-0.0003	0	4.155	-0.0003	-0.0003
Sb2068	206.833	{4 Y_2243	Cts/S	0.0062	0.0001	1.446	0.0063	0.0061
Se1960	196.090	{4 Y_2243	Cts/S	0.0051	0	0.3695	0.0051	0.005
Si2516	251.611	{1 Y_3710	Cts/S	0.0009	0.0002	27.05	0.0007	0.001
Sn1899	189.989	{4 In2306	Cts/S	0.0236	0.0003	1.346	0.0239	0.0234
Sr4215	421.552	{ 8 Y_3710	Cts/S	0.2774	0.0015	0.5413	0.2784	0.2763
Ti3349	334.904	{1 Y_3600	Cts/S	0.018	0.0002	1.253	0.0178	0.0181
Tl1908	190.856	{4 In2306	Cts/S	0.0081	0	0.0195	0.0081	0.0081
V_2924	292.402	{1 Y_3600	Cts/S	0.0143	0.0001	0.4255	0.0143	0.0144
Zn2062	206.200	{4 In2306	Cts/S	0.1129	0.0007	0.5796	0.1134	0.1124

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.906	1.7813	3.4317	50.646	53.165
In2306	230.606	{4 Cts/S	10403	9.2555	0.08897	10397	10410
Y_2243	224.306	{4 Cts/S	13155	6.9347	0.05271	13151	13160
Y_3600	360.073	{ 9 Cts/S	111730	764.89	0.6846	112270	111190
Y_3710	371.030	{ 9 Cts/S	7408.9	20.046	0.27056	7394.7	7423.1

[Sample Header]
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SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 11:58:00
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	Cts/S	0.0146	0.0001	0.5678	0.0146	0.0147
Al3082	308.215	{1	In2306	Cts/S	1.806	0.0631	3.496	1.851	1.762
As1890	189.042	{4	Y_2243	Cts/S	0.016	0.0003	1.763	0.0158	0.0162
B_2496	249.678	{1	Y_3710	Cts/S	0.0051	0.0003	6.727	0.0054	0.0049
Ba4554	455.403	{ 7	Y_3710	Cts/S	0.9313	0.0437	4.697	0.9622	0.9004
Be3130	313.042	{1	Y_3710	Cts/S	0.3496	0.0163	4.676	0.3611	0.338
Ca3158	315.887	{1	In2306	Cts/S	5.744	0.2431	4.233	5.916	5.572
Ca3181	318.128	{1	In2306	Cts/S	1.225	0.0608	4.967	1.268	1.182
Cd2288	228.802	{4	Y_2243	Cts/S	0.1085	0.0013	1.199	0.1076	0.1094
Co2286	228.616	{4	In2306	Cts/S	0.1779	0.0027	1.515	0.1759	0.1798
Cr2677	267.716	{1	Y_3600	Cts/S	0.021	0.0001	0.5228	0.0211	0.021
Cu3247	324.754	{1	Y_3600	Cts/S	0.0474	0.0003	0.6964	0.0471	0.0476
Fe2404	240.488	{1	In2306	Cts/S	3.409	0.1279	3.752	3.499	3.319
K_7664	766.490	{ 4	Y_3710	Cts/S	0.2691	0.0086	3.195	0.2751	0.263
K_7698	769.896	{ 4	Y_3710	Cts/S	0.1382	0.0036	2.628	0.1407	0.1356
Li6707	670.784	{ 5	Y_3710	Cts/S	1.02	0.0406	3.983	1.049	0.9916
Mg2790	279.079	{1	Y_3710	Cts/S	0.0089	0.0007	8.04	0.0094	0.0084
Mn2576	257.610	{1	Y_3600	Cts/S	0.1532	0.0001	0.0444	0.1531	0.1532
Mn2576-2	257.610	{1	Y_3710	Cts/S	0.0383	0.0019	4.962	0.0397	0.037
Mo2020	202.030	{4	Y_2243	Cts/S	0.0851	0.0008	0.9264	0.0846	0.0857
Na5895	589.592	{ 5	Y_3710	Cts/S	0.8144	0.0283	3.475	0.8345	0.7944
Na8183	818.326	{ 4	Y_3710	Cts/S	0.0268	0.0018	6.763	0.0281	0.0255
Ni2316	231.604	{4	In2306	Cts/S	0.1057	0.0014	1.346	0.1047	0.1067
P_1782	178.284	{4	In2306	Cts/S	0.0138	0.0002	1.56	0.0137	0.014
Pb2203	220.353	{4	In2306	Cts/S	0.0334	0.0004	1.311	0.0331	0.0337
S_1820	182.034	{4	Y_2243	Cts/S	-0.0004	0	3.349	-0.0004	-0.0004
Sb2068	206.833	{4	Y_2243	Cts/S	0.0129	0.0001	0.7371	0.0128	0.013
Se1960	196.090	{4	Y_2243	Cts/S	0.0104	0.0001	0.7149	0.0103	0.0104
Si2516	251.611	{1	Y_3710	Cts/S	0.0026	0.0001	3.628	0.0027	0.0026
Sn1899	189.989	{4	In2306	Cts/S	0.0481	0.0006	1.151	0.0477	0.0485
Sr4215	421.552	{ 8	Y_3710	Cts/S	0.584	0.0272	4.661	0.6033	0.5648
Ti3349	334.904	{1	Y_3600	Cts/S	0.0364	0	0.1278	0.0363	0.0364
Tl1908	190.856	{4	In2306	Cts/S	0.0165	0.0002	1.05	0.0164	0.0166
V_2924	292.402	{1	Y_3600	Cts/S	0.0293	0.0002	0.5521	0.0292	0.0294
Zn2062	206.200	{4	In2306	Cts/S	0.2265	0.0032	1.423	0.2242	0.2288

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	52.526	1.7233	3.2808	51.308	53.745
In2306	230.606	{4	Cts/S	10265	115.98	1.1298	10347	10183
Y_2243	224.306	{4	Cts/S	13085	126.72	0.96844	13175	12995
Y_3600	360.073	{ 9	Cts/S	110990	425.01	0.38291	111300	110690
Y_3710	371.030	{ 9	Cts/S	7130.3	271.46	3.8072	6938.4	7322.3

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Custom ID3=
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Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0288	0.0007	2.564	0.0293	0.0282
Al3082	308.215	{1 In2306	Cts/S	3.349	0.0807	2.409	3.291	3.406
As1890	189.042	{4 Y_2243	Cts/S	0.032	0.0003	0.8055	0.0322	0.0319
B_2496	249.678	{1 Y_3710	Cts/S	0.0099	0.0001	0.6803	0.0099	0.0098
Ba4554	455.403	{ 7 Y_3710	Cts/S	1.797	0.0043	0.2378	1.8	1.794
Be3130	313.042	{1 Y_3710	Cts/S	0.6736	0.0017	0.2567	0.6724	0.6748
Ca3158	315.887	{1 In2306	Cts/S	11.13	0.3047	2.738	10.91	11.34
Ca3181	318.128	{1 In2306	Cts/S	2.37	0.081	3.419	2.312	2.427
Cd2288	228.802	{4 Y_2243	Cts/S	0.2169	0.0023	1.038	0.2185	0.2153
Co2286	228.616	{4 In2306	Cts/S	0.3574	0.0026	0.7285	0.3593	0.3556
Cr2677	267.716	{1 Y_3600	Cts/S	0.0422	0.0005	1.187	0.0425	0.0418
Cu3247	324.754	{1 Y_3600	Cts/S	0.0914	0.0025	2.682	0.0931	0.0896
Fe2404	240.488	{1 In2306	Cts/S	6.506	0.2066	3.175	6.36	6.652
K_7664	766.490	{ 4 Y_3710	Cts/S	0.5359	0.0008	0.1408	0.5354	0.5365
K_7698	769.896	{ 4 Y_3710	Cts/S	0.2459	0.001	0.4004	0.2453	0.2466
Li6707	670.784	{ 5 Y_3710	Cts/S	2.057	0.0078	0.3788	2.052	2.063
Mg2790	279.079	{1 Y_3710	Cts/S	0.0172	0	0.1356	0.0173	0.0172
Mn2576	257.610	{1 Y_3600	Cts/S	0.3001	0.0074	2.476	0.3054	0.2949
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.073	0.0013	1.814	0.0739	0.072
Mo2020	202.030	{4 Y_2243	Cts/S	0.1697	0.0024	1.391	0.1714	0.1681
Na5895	589.592	{ 5 Y_3710	Cts/S	1.612	0.004	0.247	1.609	1.615
Na8183	818.326	{ 4 Y_3710	Cts/S	0.0655	0.0007	1.027	0.066	0.0651
Ni2316	231.604	{4 In2306	Cts/S	0.2122	0.0018	0.8268	0.2134	0.2109
P_1782	178.284	{4 In2306	Cts/S	0.0281	0.0002	0.8349	0.0282	0.0279
Pb2203	220.353	{4 In2306	Cts/S	0.0668	0.0004	0.6234	0.0671	0.0666
S_1820	182.034	{4 Y_2243	Cts/S	-0.0004	0	6.441	-0.0004	-0.0004
Sb2068	206.833	{4 Y_2243	Cts/S	0.026	0.0004	1.42	0.0262	0.0257
Se1960	196.090	{4 Y_2243	Cts/S	0.0208	0.0003	1.312	0.021	0.0206
Si2516	251.611	{1 Y_3710	Cts/S	0.0048	0.0002	5.062	0.0046	0.005
Sn1899	189.989	{4 In2306	Cts/S	0.0967	0.0007	0.6834	0.0971	0.0962
Sr4215	421.552	{ 8 Y_3710	Cts/S	1.133	0.0037	0.3272	1.136	1.131
Ti3349	334.904	{1 Y_3600	Cts/S	0.0718	0.0015	2.114	0.0729	0.0707
Tl1908	190.856	{4 In2306	Cts/S	0.0333	0.0004	1.249	0.0336	0.033
V_2924	292.402	{1 Y_3600	Cts/S	0.0578	0.0017	2.869	0.059	0.0566
Zn2062	206.200	{4 In2306	Cts/S	0.4576	0.0033	0.7163	0.4599	0.4553

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	53.509	1.7311	3.2352	54.733	52.285
In2306	230.606	{4 Cts/S	10121	65.46	0.64677	10075	10167
Y_2243	224.306	{4 Cts/S	13100	103.49	0.79002	13027	13173
Y_3600	360.073	{ 9 Cts/S	111090	1945.8	1.7515	109710	112470
Y_3710	371.030	{ 9 Cts/S	7290.7	6.5936	0.09044	7295.3	7286

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Run Time=1/14/2012 12:03:00
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.0594	0.0005	0.7964	0.0597	0.059
Al3082	308.215	{1 In2306	Cts/S	6.742	0.2529	3.751	6.563	6.921
As1890	189.042	{4 Y_2243	Cts/S	0.0646	0.0003	0.3974	0.0644	0.0647
B_2496	249.678	{1 Y_3710	Cts/S	0.0201	0.0001	0.2912	0.0201	0.0201
Ba4554	455.403	{ 7 Y_3710	Cts/S	3.721	0.0356	0.9575	3.696	3.746
Be3130	313.042	{1 Y_3710	Cts/S	1.388	0.003	0.2182	1.385	1.39
Ca3158	315.887	{1 In2306	Cts/S	23.31	1.174	5.034	22.48	24.14
Ca3181	318.128	{1 In2306	Cts/S	4.897	0.1533	3.129	4.789	5.006
Cd2288	228.802	{4 Y_2243	Cts/S	0.4305	0.0009	0.2185	0.4298	0.4312
Co2286	228.616	{4 In2306	Cts/S	0.7165	0.0005	0.0658	0.7169	0.7162
Cr2677	267.716	{1 Y_3600	Cts/S	0.0858	0.001	1.21	0.0865	0.0851
Cu3247	324.754	{1 Y_3600	Cts/S	0.1875	0.0006	0.2968	0.1879	0.1871
Fe2404	240.488	{1 In2306	Cts/S	13.55	0.5321	3.928	13.17	13.92
K_7664	766.490	{ 4 Y_3710	Cts/S	1.117	0.0147	1.316	1.107	1.128
K_7698	769.896	{ 4 Y_3710	Cts/S	0.4726	0.0003	0.0613	0.4728	0.4724
Li6707	670.784	{ 5 Y_3710	Cts/S	4.293	0.051	1.188	4.257	4.329
Mg2790	279.079	{1 Y_3710	Cts/S	0.0358	0.0001	0.24	0.0358	0.0357
Mn2576	257.610	{1 Y_3600	Cts/S	0.6142	0.0052	0.845	0.6179	0.6105
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.1504	0.0007	0.4487	0.1499	0.1509
Mo2020	202.030	{4 Y_2243	Cts/S	0.3348	0.0001	0.0173	0.3349	0.3348
Na5895	589.592	{ 5 Y_3710	Cts/S	3.333	0.0438	1.314	3.302	3.364
Na8183	818.326	{ 4 Y_3710	Cts/S	0.1525	0.0007	0.4598	0.152	0.153
Ni2316	231.604	{4 In2306	Cts/S	0.424	0.0005	0.1137	0.4236	0.4243
P_1782	178.284	{4 In2306	Cts/S	0.0571	0.0001	0.2535	0.057	0.0572
Pb2203	220.353	{4 In2306	Cts/S	0.1341	0	0.0269	0.1341	0.1342
S_1820	182.034	{4 Y_2243	Cts/S	-0.0004	0.0001	15.13	-0.0003	-0.0004
Sb2068	206.833	{4 Y_2243	Cts/S	0.0521	0.0001	0.1705	0.0521	0.052
Se1960	196.090	{4 Y_2243	Cts/S	0.0418	0	0.0272	0.0418	0.0418
Si2516	251.611	{1 Y_3710	Cts/S	0.0103	0.0003	2.651	0.0101	0.0105
Sn1899	189.989	{4 In2306	Cts/S	0.1942	0.0005	0.2519	0.1946	0.1939
Sr4215	421.552	{ 8 Y_3710	Cts/S	2.34	0.017	0.725	2.328	2.352
Ti3349	334.904	{1 Y_3600	Cts/S	0.1476	0.0011	0.739	0.1483	0.1468
Tl1908	190.856	{4 In2306	Cts/S	0.0666	0.0003	0.3878	0.0668	0.0664
V_2924	292.402	{1 Y_3600	Cts/S	0.1196	0.0003	0.2822	0.1199	0.1194
Zn2062	206.200	{4 In2306	Cts/S	0.9212	0.0008	0.0857	0.9206	0.9218

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.989	1.7547	3.3751	53.229	50.748
In2306	230.606	{4 Cts/S	9947.5	3.3145	0.03332	9949.9	9945.2
Y_2243	224.306	{4 Cts/S	13095	19.712	0.15054	13108	13081
Y_3600	360.073	{ 9 Cts/S	107650	333.74	0.31002	107410	107890
Y_3710	371.030	{ 9 Cts/S	7128.3	23.818	0.33413	7145.1	7111.4

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:05:26
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	Cts/S	0.1148	0.0012	1.037	0.1157	0.114
Al3082	308.215	{1 In2306	Cts/S	13.75	0.49	3.564	14.1	13.4
As1890	189.042	{4 Y_2243	Cts/S	0.1325	0.0001	0.0574	0.1325	0.1326
B_2496	249.678	{1 Y_3710	Cts/S	0.04	0.0002	0.5729	0.0402	0.0399
Ba4554	455.403	{ 7 Y_3710	Cts/S	7.419	0.1384	1.866	7.517	7.321
Be3130	313.042	{1 Y_3710	Cts/S	2.782	0.0639	2.295	2.827	2.737
Ca3158	315.887	{1 In2306	Cts/S	47.77	1.823	3.816	49.06	46.49
Ca3181	318.128	{1 In2306	Cts/S	10.17	0.37	3.636	10.44	9.913
Cd2288	228.802	{4 Y_2243	Cts/S	0.8758	0.0013	0.1461	0.8749	0.8767
Co2286	228.616	{4 In2306	Cts/S	1.462	0.0015	0.0994	1.463	1.461
Cr2677	267.716	{1 Y_3600	Cts/S	0.1658	0.0025	1.51	0.1675	0.164
Cu3247	324.754	{1 Y_3600	Cts/S	0.3606	0.0038	1.058	0.3633	0.3579
Fe2404	240.488	{1 In2306	Cts/S	27.74	1.029	3.709	28.47	27.01
K_7664	766.490	{ 4 Y_3710	Cts/S	2.199	0.0522	2.372	2.236	2.162
K_7698	769.896	{ 4 Y_3710	Cts/S	0.9142	0.0228	2.494	0.9304	0.8981
Li6707	670.784	{ 5 Y_3710	Cts/S	8.418	0.2093	2.487	8.566	8.27
Mg2790	279.079	{1 Y_3710	Cts/S	0.0724	0.0017	2.32	0.0736	0.0712
Mn2576	257.610	{1 Y_3600	Cts/S	1.172	0.0142	1.209	1.182	1.162
Mn2576-2	257.610	{1 Y_3710	Cts/S	0.3031	0.0058	1.916	0.3072	0.299
Mo2020	202.030	{4 Y_2243	Cts/S	0.6761	0.002	0.2964	0.6775	0.6747
Na5895	589.592	{ 5 Y_3710	Cts/S	6.555	0.1589	2.423	6.668	6.443
Na8183	818.326	{ 4 Y_3710	Cts/S	0.3079	0.0071	2.295	0.3129	0.3029
Ni2316	231.604	{4 In2306	Cts/S	0.8641	0.0013	0.1552	0.865	0.8631
P_1782	178.284	{4 In2306	Cts/S	0.1189	0.0001	0.0918	0.119	0.1188
Pb2203	220.353	{4 In2306	Cts/S	0.2727	0.0001	0.0427	0.2728	0.2726
Sb2068	206.833	{4 Y_2243	Cts/S	0.107	0.0002	0.2196	0.1072	0.1069
Se1960	196.090	{4 Y_2243	Cts/S	0.0857	0.0001	0.0911	0.0856	0.0857
Si2516	251.611	{1 Y_3710	Cts/S	0.0213	0	0.0897	0.0213	0.0214
Sn1899	189.989	{4 In2306	Cts/S	0.3962	0.0004	0.0945	0.3959	0.3964
Sr4215	421.552	{ 8 Y_3710	Cts/S	4.654	0.0865	1.858	4.715	4.593
Ti3349	334.904	{1 Y_3600	Cts/S	0.2868	0.0049	1.707	0.2902	0.2833
Tl1908	190.856	{4 In2306	Cts/S	0.1349	0.0008	0.6084	0.1355	0.1343
V_2924	292.402	{1 Y_3600	Cts/S	0.2304	0.0025	1.065	0.2321	0.2286
Zn2062	206.200	{4 In2306	Cts/S	1.885	0.0004	0.0232	1.885	1.884

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.335	1.7421	3.461	49.104	51.567
In2306	230.606	{4 Cts/S	9439	3.1325	0.03319	9441.2	9436.8
Y_2243	224.306	{4 Cts/S	12673	19.772	0.15601	12687	12659
Y_3600	360.073	{ 9 Cts/S	107970	1021.3	0.94585	107250	108690
Y_3710	371.030	{ 9 Cts/S	7067.8	132.27	1.8715	6974.3	7161.3

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Username=admin
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Custom ID3=
Run Time=1/14/2012 12:08:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2443	0.0014	0.5595	0.2453	0.2434
Al3082	308.215	{1 In2306	ppm	2.425	0.0146	0.6033	2.435	2.414
As1890	189.042	{4 Y_2243	ppm	0.4824	0.0039	0.8076	0.4796	0.4851
B_2496	249.678	{1 Y_3710	ppm	0.4784	0.0121	2.535	0.487	0.4698
Ba4554	455.403	{ 7 Y_3710	ppm	0.4723	0.0001	0.0226	0.4724	0.4722
Be3130	313.042	{1 Y_3710	ppm	0.4812	0.0024	0.5086	0.4829	0.4794
Ca3158	315.887	{1 In2306	ppm	12.15	0.0765	0.6299	12.2	12.09
Ca3181	318.128	{1 In2306	ppm	12.14	0.0555	0.4571	12.18	12.1
Cd2288	228.802	{4 Y_2243	ppm	0.4821	0.0043	0.8877	0.4791	0.4852
Co2286	228.616	{4 In2306	ppm	0.4868	0.0062	1.276	0.4824	0.4912
Cr2677	267.716	{1 Y_3600	ppm	0.4868	0.0025	0.5062	0.4885	0.485
Cu3247	324.754	{1 Y_3600	ppm	0.4903	0.0036	0.7309	0.4928	0.4877
Fe2404	240.488	{1 In2306	ppm	2.442	0.0154	0.632	2.453	2.431
K_7664	766.490	{ 4 Y_3710	ppm	11.94	0.0115	0.0959	11.93	11.95
K_7698	769.896	{ 4 Y_3710	ppm	11.88	0.0113	0.0954	11.89	11.87
Li6707	670.784	{ 5 Y_3710	ppm	0.4689	0.0003	0.069	0.4687	0.4691
Mg2790	279.079	{1 Y_3710	ppm	4.752	0.0605	1.273	4.709	4.795
Mn2576	257.610	{1 Y_3600	ppm	0.4881	0	0.0058	0.4881	0.4881
Mn2576-2	257.610	{1 Y_3710	ppm	0.4694	0.0004	0.0876	0.4697	0.4691
Mo2020	202.030	{4 Y_2243	ppm	0.4956	0.0037	0.7489	0.493	0.4982
Na5895	589.592	{ 5 Y_3710	ppm	11.91	0.0221	0.1854	11.9	11.93
Na8183	818.326	{ 4 Y_3710	ppm	11.74	0.0151	0.1282	11.73	11.75
Ni2316	231.604	{4 In2306	ppm	0.4826	0.005	1.044	0.4791	0.4862
P_1782	178.284	{4 In2306	ppm	-0.0008	0.0014	175.6	-0.0017	0.0002
Pb2203	220.353	{4 In2306	ppm	0.4828	0.0071	1.48	0.4778	0.4879
S_1820	182.034	{4 Y_2243	ppm	-278.3	1.761	0.6329	-277	-279.5
Sb2068	206.833	{4 Y_2243	ppm	0.4858	0.0056	1.149	0.4819	0.4898
Se1960	196.090	{4 Y_2243	ppm	0.494	0.0043	0.8749	0.4909	0.497
Si2516	251.611	{1 Y_3710	ppm	0.8481	0.0116	1.365	0.84	0.8563
Sn1899	189.989	{4 In2306	ppm	0.49	0.0053	1.079	0.4862	0.4937
Sr4215	421.552	{ 8 Y_3710	ppm	0.2403	0.0003	0.1445	0.2405	0.24
Ti3349	334.904	{1 Y_3600	ppm	0.4997	0.0017	0.3327	0.4986	0.5009
Tl1908	190.856	{4 In2306	ppm	0.4967	0.0063	1.261	0.4923	0.5012
V_2924	292.402	{1 Y_3600	ppm	0.4954	0.0007	0.1382	0.4959	0.4949
Zn2062	206.200	{4 In2306	ppm	0.4834	0.0067	1.384	0.4787	0.4881

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.814	0.36193	0.69851	51.558	52.07
In2306	230.606	{4 Cts/S	9938.6	66.762	0.67174	9985.8	9891.4
Y_2243	224.306	{4 Cts/S	12959	62.762	0.48432	13003	12915
Y_3600	360.073	{ 9 Cts/S	108750	201.32	0.18513	108610	108890
Y_3710	371.030	{ 9 Cts/S	7279.4	4.2535	0.05843	7282.4	7276.4

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.005	0	0.4277	0.005	0.0051
Al3082	308.215	{1 In2306	ppm	0.1079	0.0411	38.06	0.1369	0.0789
As1890	189.042	{4 Y_2243	ppm	0.0087	0	0.131	0.0087	0.0088
B_2496	249.678	{1 Y_3710	ppm	0.0122	0.0009	7.591	0.0128	0.0115
Ba4554	455.403	{ 7 Y_3710	ppm	0.009	0.0001	1.321	0.0089	0.0091
Be3130	313.042	{1 Y_3710	ppm	0.0049	0.0001	1.232	0.0049	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0789	0.0072	9.08	0.0738	0.0839
Ca3181	318.128	{1 In2306	ppm	0.1521	0.0078	5.146	0.1465	0.1576
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0006	12.23	0.0048	0.0057
Co2286	228.616	{4 In2306	ppm	0.0098	0.0007	7.123	0.0093	0.0103
Cr2677	267.716	{1 Y_3600	ppm	0.0097	0	0.231	0.0097	0.0097
Cu3247	324.754	{1 Y_3600	ppm	0.0094	0.0004	4.618	0.0091	0.0097
Fe2404	240.488	{1 In2306	ppm	0.0832	0.0068	8.136	0.088	0.0785
K_7664	766.490	{ 4 Y_3710	ppm	0.5699	0.002	0.3475	0.5685	0.5713
K_7698	769.896	{ 4 Y_3710	ppm	0.6258	0.0791	12.64	0.5698	0.6817
Li6707	670.784	{ 5 Y_3710	ppm	0.0092	0.0001	1.584	0.0091	0.0093
Mg2790	279.079	{1 Y_3710	ppm	0.016	0.0299	186.4	-0.0051	0.0371
Mn2576	257.610	{1 Y_3600	ppm	0.0101	0	0.3168	0.0101	0.0101
Mn2576-2	257.610	{1 Y_3710	ppm	0.0094	0.0008	8.417	0.01	0.0088
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0012	10.05	0.0106	0.0123
Na5895	589.592	{ 5 Y_3710	ppm	0.5692	0.0024	0.4291	0.5675	0.571
Na8183	818.326	{ 4 Y_3710	ppm	0.5181	0.051	9.842	0.5541	0.482
Ni2316	231.604	{4 In2306	ppm	0.01	0.0011	10.52	0.0093	0.0108
P_1782	178.284	{4 In2306	ppm	0.009	0.0003	3.844	0.0088	0.0093
Pb2203	220.353	{4 In2306	ppm	0.0108	0.0009	8.738	0.0101	0.0114
S_1820	182.034	{4 Y_2243	ppm	0.0308	0.4677	1518	0.3615	-0.2999
Sb2068	206.833	{4 Y_2243	ppm	0.0164	0.0013	7.808	0.0173	0.0155
Se1960	196.090	{4 Y_2243	ppm	0.0097	0.0017	17.69	0.0084	0.0109
Si2516	251.611	{1 Y_3710	ppm	0.0157	0.0065	41.77	0.0203	0.011
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0011	10.4	0.01	0.0116
Sr4215	421.552	{ 8 Y_3710	ppm	0.0046	0.0001	1.602	0.0046	0.0045
Ti3349	334.904	{1 Y_3600	ppm	0.0107	0	0.359	0.0107	0.0106
Tl1908	190.856	{4 In2306	ppm	0.0099	0.001	10.13	0.0092	0.0106
V_2924	292.402	{1 Y_3600	ppm	0.0095	0.0004	4.231	0.0092	0.0098
Zn2062	206.200	{4 In2306	ppm	0.0097	0.0007	7.624	0.0092	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.123	0.83339	1.5989	52.713	51.534
In2306	230.606	{4 Cts/S	10543	72.686	0.68942	10595	10492
Y_2243	224.306	{4 Cts/S	13191	77.349	0.58639	13245	13136
Y_3600	360.073	{ 9 Cts/S	110830	756.58	0.68267	111360	110290
Y_3710	371.030	{ 9 Cts/S	7225.6	107.77	1.4915	7301.8	7149.4

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0	5.799	0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	0.0335	0.0294	87.92	0.0127	0.0543
As1890	189.042	{4 Y_2243	ppm	-0.0017	0.0004	25.64	-0.0014	-0.002
B_2496	249.678	{1 Y_3710	ppm	-0.0026	0.0036	138.5	-0.0052	-0.0001
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0.0004	85.78	-0.0002	-0.0007
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	136	0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.0124	0.0111	90.08	-0.0202	-0.0045
Ca3181	318.128	{1 In2306	ppm	0.0169	0.0211	124.6	0.002	0.0319
Cd2288	228.802	{4 Y_2243	ppm	0	0	256.8	0	0
Co2286	228.616	{4 In2306	ppm	0	0	41.23	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0001	53.48	-0.0004	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	-0.0001	0.0001	150.2	-0.0001	0
Fe2404	240.488	{1 In2306	ppm	-0.0096	0.002	21.19	-0.011	-0.0081
K_7664	766.490	{ 4 Y_3710	ppm	0.0304	0.0091	30.04	0.024	0.0369
K_7698	769.896	{ 4 Y_3710	ppm	0.0834	0.017	20.32	0.0715	0.0954
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0001	104	-0.0002	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0365	0.0053	14.61	-0.0328	-0.0403
Mn2576	257.610	{1 Y_3600	ppm	0	0	393.5	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0003	0.0004	131.4	-0.0006	0
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0002	55.68	0.0002	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	-0.0024	0.0006	23.34	-0.0028	-0.002
Na8183	818.326	{ 4 Y_3710	ppm	0.0551	0.1869	339.1	-0.077	0.1872
Ni2316	231.604	{4 In2306	ppm	0	0.0001	135.6	0	0.0001
P_1782	178.284	{4 In2306	ppm	-0.0003	0.0003	94.5	-0.0001	-0.0006
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0006	78.7	0.0012	0.0003
S_1820	182.034	{4 Y_2243	ppm	0.0067	0.2432	3647	0.1787	-0.1653
Sb2068	206.833	{4 Y_2243	ppm	0.0026	0.0001	2.889	0.0025	0.0026
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0.0017	628.5	-0.0015	0.0009
Si2516	251.611	{1 Y_3710	ppm	0.0171	0.0061	35.37	0.0129	0.0214
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0001	47.2	0.0003	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0	30.18	-0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0004	0.0002	44.01	0.0003	0.0005
Tl1908	190.856	{4 In2306	ppm	0.0003	0.0004	135.5	0.0005	0
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0003	70.51	-0.0007	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0	19.28	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.622	5.8246	11.506	54.741	46.504
In2306	230.606	{4 Cts/S	10513	85.338	0.81172	10453	10574
Y_2243	224.306	{4 Cts/S	13125	94.288	0.71838	13058	13192
Y_3600	360.073	{ 9 Cts/S	110590	516.67	0.46718	110230	110960
Y_3710	371.030	{ 9 Cts/S	7295.1	190.88	2.6166	7430.1	7160.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0005	651.4	0.0004	-0.0003
Al3082	308.215	{1 In2306	ppm	513.9	21.25	4.134	529	498.9
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0002	119	0	-0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.0048	0.0014	28.82	-0.0038	-0.0058
Ba4554	455.403	{ 7 Y_3710	ppm	0.0008	0.0001	12.98	0.0008	0.0007
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0002	119.3	0.0003	0
Ca3158	315.887	{1 In2306	ppm	492	25.68	5.219	510.2	473.9
Ca3181	318.128	{1 In2306	ppm	496.4	25.48	5.133	514.4	478.4
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0001	151.6	-0.0002	0
Co2286	228.616	{4 In2306	ppm	0.0004	0.0001	19.42	0.0005	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0015	0	1.288	0.0015	0.0014
Cu3247	324.754	{1 Y_3600	ppm	0.0032	0.0001	3.106	0.0032	0.0033
Fe2404	240.488	{1 In2306	ppm	193.1	9.63	4.988	199.9	186.3
K_7664	766.490	{ 4 Y_3710	ppm	0.0158	0.0185	116.9	0.0027	0.0289
K_7698	769.896	{ 4 Y_3710	ppm	-0.0057	0.0032	55.14	-0.0035	-0.008
Li6707	670.784	{ 5 Y_3710	ppm	0.0089	0.0004	4.751	0.0092	0.0086
Mg2790	279.079	{1 Y_3710	ppm	569.3	0.9843	0.1729	568.6	570
Mn2576	257.610	{1 Y_3600	ppm	-0.0052	0.0001	1.696	-0.0052	-0.0053
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0105	0.0038	36.02	-0.0078	-0.0132
Mo2020	202.030	{4 Y_2243	ppm	-0.0003	0.0003	101.5	-0.0006	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.016	0.0039	24.47	0.0132	0.0188
Na8183	818.326	{ 4 Y_3710	ppm	0.517	0.1069	20.68	0.5926	0.4414
Ni2316	231.604	{4 In2306	ppm	0.0047	0.0005	10.7	0.0051	0.0044
P_1782	178.284	{4 In2306	ppm	0.0045	0.0007	15.01	0.005	0.004
Pb2203	220.353	{4 In2306	ppm	-0.009	0.003	33.73	-0.0112	-0.0069
S_1820	182.034	{4 Y_2243	ppm	36.69	1.173	3.197	37.52	35.86
Sb2068	206.833	{4 Y_2243	ppm	-0.0067	0.0004	6	-0.0064	-0.007
Se1960	196.090	{4 Y_2243	ppm	0.0019	0.0038	196.7	0.0046	-0.0008
Si2516	251.611	{1 Y_3710	ppm	-0.0005	0.0024	524.1	-0.0022	0.0013
Sn1899	189.989	{4 In2306	ppm	0.0021	0.0002	7.679	0.0022	0.0019
Sr4215	421.552	{ 8 Y_3710	ppm	0.0021	0.0001	3.648	0.002	0.0021
Ti3349	334.904	{1 Y_3600	ppm	0.0017	0.0002	11.12	0.0018	0.0016
Tl1908	190.856	{4 In2306	ppm	-0.0005	0.0007	149.7	0	-0.0009
V_2924	292.402	{1 Y_3600	ppm	-0.0068	0.0006	8.365	-0.0072	-0.0064
Zn2062	206.200	{4 In2306	ppm	0.0041	0.0001	2.401	0.0041	0.0042

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.06	2.0403	4.2452	46.617	49.503
In2306	230.606	{4 Cts/S	7640.7	20.957	0.27428	7655.6	7625.9
Y_2243	224.306	{4 Cts/S	11401	41.201	0.36139	11430	11371
Y_3600	360.073	{ 9 Cts/S	94491	205.98	0.21799	94636	94345
Y_3710	371.030	{ 9 Cts/S	6286.9	54.833	0.87219	6325.6	6248.1

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5493	0.0397	7.236	0.5774	0.5212
Al3082	308.215	{1 In2306	ppm	545	35.65	6.54	519.8	570.2
As1890	189.042	{4 Y_2243	ppm	0.9642	0.0178	1.841	0.9768	0.9517
B_2496	249.678	{1 Y_3710	ppm	1.087	0.037	3.404	1.061	1.113
Ba4554	455.403	{ 7 Y_3710	ppm	1.119	0.0374	3.341	1.092	1.145
Be3130	313.042	{1 Y_3710	ppm	0.5267	0.0172	3.259	0.5146	0.5389
Ca3158	315.887	{1 In2306	ppm	527	38.32	7.271	499.9	554.1
Ca3181	318.128	{1 In2306	ppm	529.8	39.38	7.434	501.9	557.6
Cd2288	228.802	{4 Y_2243	ppm	0.4941	0.009	1.821	0.5005	0.4878
Co2286	228.616	{4 In2306	ppm	0.9571	0.0185	1.936	0.9702	0.944
Cr2677	267.716	{1 Y_3600	ppm	0.9229	0.0679	7.358	0.9709	0.8748
Cu3247	324.754	{1 Y_3600	ppm	1.05	0.0799	7.609	1.107	0.9937
Fe2404	240.488	{1 In2306	ppm	212.3	15.26	7.191	201.5	223.1
K_7664	766.490	{ 4 Y_3710	ppm	11.57	0.3361	2.905	11.33	11.8
K_7698	769.896	{ 4 Y_3710	ppm	11.56	0.3041	2.629	11.35	11.78
Li6707	670.784	{ 5 Y_3710	ppm	1.116	0.0304	2.722	1.094	1.137
Mg2790	279.079	{1 Y_3710	ppm	599	24.13	4.028	582	616.1
Mn2576	257.610	{1 Y_3600	ppm	0.9201	0.0687	7.465	0.9686	0.8715
Mn2576-2	257.610	{1 Y_3710	ppm	1.055	0.0375	3.554	1.029	1.082
Mo2020	202.030	{4 Y_2243	ppm	0.8896	0.0158	1.775	0.9008	0.8784
Na5895	589.592	{ 5 Y_3710	ppm	11.26	0.3153	2.799	11.04	11.49
Na8183	818.326	{ 4 Y_3710	ppm	11.59	0.2367	2.042	11.42	11.76
Ni2316	231.604	{4 In2306	ppm	0.9533	0.0175	1.838	0.9657	0.9409
P_1782	178.284	{4 In2306	ppm	1.081	0.0208	1.924	1.096	1.067
Pb2203	220.353	{4 In2306	ppm	0.9114	0.0196	2.146	0.9252	0.8976
S_1820	182.034	{4 Y_2243	ppm	37.13	1.185	3.19	37.97	36.29
Sb2068	206.833	{4 Y_2243	ppm	0.9305	0.0191	2.047	0.944	0.9171
Se1960	196.090	{4 Y_2243	ppm	0.9678	0.0191	1.974	0.9813	0.9542
Si2516	251.611	{1 Y_3710	ppm	0.9793	0.0492	5.019	0.9446	1.014
Sn1899	189.989	{4 In2306	ppm	0.9602	0.0205	2.14	0.9747	0.9457
Sr4215	421.552	{ 8 Y_3710	ppm	0.5516	0.0181	3.289	0.5388	0.5644
Ti3349	334.904	{1 Y_3600	ppm	0.957	0.069	7.212	1.006	0.9082
Tl1908	190.856	{4 In2306	ppm	0.8979	0.0159	1.776	0.9092	0.8866
V_2924	292.402	{1 Y_3600	ppm	0.9356	0.068	7.269	0.9837	0.8875
Zn2062	206.200	{4 In2306	ppm	0.9712	0.0177	1.823	0.9838	0.9587

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	45.865	2.9683	6.4718	47.964	43.766
In2306	230.606	{4 Cts/S	7674.8	108.24	1.4103	7598.3	7751.4
Y_2243	224.306	{4 Cts/S	11534	151.04	1.3096	11427	11641
Y_3600	360.073	{ 9 Cts/S	93259	5615.8	6.0217	89288	97230
Y_3710	371.030	{ 9 Cts/S	6093	188.81	3.0988	6226.5	5959.5

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Comment=
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Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:20:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2427	0.0023	0.9363	0.2411	0.2443
Al3082	308.215	{1 In2306	ppm	2.428	0.0089	0.367	2.435	2.422
As1890	189.042	{4 Y_2243	ppm	0.4889	0.0127	2.596	0.4978	0.4799
B_2496	249.678	{1 Y_3710	ppm	0.4664	0.0203	4.36	0.452	0.4808
Ba4554	455.403	{ 7 Y_3710	ppm	0.4767	0.002	0.4277	0.4782	0.4753
Be3130	313.042	{1 Y_3710	ppm	0.4897	0.0015	0.316	0.4886	0.4908
Ca3158	315.887	{1 In2306	ppm	11.95	0.1947	1.63	11.81	12.08
Ca3181	318.128	{1 In2306	ppm	11.84	0.2095	1.769	11.69	11.99
Cd2288	228.802	{4 Y_2243	ppm	0.4863	0.0122	2.506	0.4949	0.4777
Co2286	228.616	{4 In2306	ppm	0.4931	0.0113	2.289	0.501	0.4851
Cr2677	267.716	{1 Y_3600	ppm	0.4909	0.0031	0.6411	0.4886	0.4931
Cu3247	324.754	{1 Y_3600	ppm	0.4822	0.002	0.4203	0.4808	0.4837
Fe2404	240.488	{1 In2306	ppm	2.385	0.0733	3.072	2.333	2.437
K_7664	766.490	{ 4 Y_3710	ppm	12.05	0.3064	2.542	12.27	11.84
K_7698	769.896	{ 4 Y_3710	ppm	12.06	0.2109	1.75	12.2	11.91
Li6707	670.784	{ 5 Y_3710	ppm	0.4711	0.0179	3.806	0.4837	0.4584
Mg2790	279.079	{1 Y_3710	ppm	4.965	0.0178	0.3581	4.952	4.978
Mn2576	257.610	{1 Y_3600	ppm	0.4853	0.0049	1.004	0.4819	0.4888
Mn2576-2	257.610	{1 Y_3710	ppm	0.477	0.0075	1.576	0.4717	0.4824
Mo2020	202.030	{4 Y_2243	ppm	0.501	0.0138	2.762	0.5108	0.4912
Na5895	589.592	{ 5 Y_3710	ppm	12	0.3651	3.043	12.26	11.74
Na8183	818.326	{ 4 Y_3710	ppm	12.24	0.2256	1.843	12.4	12.08
Ni2316	231.604	{4 In2306	ppm	0.4915	0.0093	1.893	0.4981	0.4849
P_1782	178.284	{4 In2306	ppm	0.0006	0.001	171.3	-0.0001	0.0012
Pb2203	220.353	{4 In2306	ppm	0.492	0.0099	2.003	0.499	0.4851
S_1820	182.034	{4 Y_2243	ppm	-283.8	7.497	2.642	-289.1	-278.5
Sb2068	206.833	{4 Y_2243	ppm	0.5064	0.0132	2.607	0.5157	0.497
Se1960	196.090	{4 Y_2243	ppm	0.4989	0.0122	2.436	0.5075	0.4903
Si2516	251.611	{1 Y_3710	ppm	0.846	0.0449	5.307	0.8142	0.8777
Sn1899	189.989	{4 In2306	ppm	0.4982	0.0099	1.99	0.5052	0.4912
Sr4215	421.552	{ 8 Y_3710	ppm	0.2419	0.0007	0.2856	0.2424	0.2414
Ti3349	334.904	{1 Y_3600	ppm	0.4992	0.0025	0.5102	0.4974	0.501
Tl1908	190.856	{4 In2306	ppm	0.5055	0.0094	1.86	0.5122	0.4989
V_2924	292.402	{1 Y_3600	ppm	0.4895	0.0014	0.2939	0.4885	0.4905
Zn2062	206.200	{4 In2306	ppm	0.4894	0.0108	2.204	0.497	0.4818

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.425	0.07806	0.14889	52.481	52.37
In2306	230.606	{4 Cts/S	9790.4	153.26	1.5654	9682.1	9898.8
Y_2243	224.306	{4 Cts/S	12833	217.09	1.6917	12679	12986
Y_3600	360.073	{ 9 Cts/S	108790	574.2	0.52779	109200	108390
Y_3710	371.030	{ 9 Cts/S	7084.4	13.642	0.19257	7094	7074.7

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:23:23
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0001	1.945	0.0049	0.0048
Al3082	308.215	{1 In2306	ppm	0.0657	0.0177	26.94	0.0532	0.0782
As1890	189.042	{4 Y_2243	ppm	0.0082	0.0006	7.891	0.0077	0.0086
B_2496	249.678	{1 Y_3710	ppm	0.0087	0.0024	27.47	0.007	0.0104
Ba4554	455.403	{ 7 Y_3710	ppm	0.0094	0.0002	2.239	0.0096	0.0093
Be3130	313.042	{1 Y_3710	ppm	0.0048	0.0002	4.413	0.005	0.0047
Ca3158	315.887	{1 In2306	ppm	0.0999	0.0118	11.83	0.0915	0.1082
Ca3181	318.128	{1 In2306	ppm	0.0939	0.0245	26.07	0.1113	0.0766
Cd2288	228.802	{4 Y_2243	ppm	0.0052	0.0004	8.247	0.0049	0.0056
Co2286	228.616	{4 In2306	ppm	0.0097	0.0004	3.901	0.0094	0.01
Cr2677	267.716	{1 Y_3600	ppm	0.0093	0.0001	1.18	0.0092	0.0093
Cu3247	324.754	{1 Y_3600	ppm	0.0098	0.0003	3.244	0.01	0.0096
Fe2404	240.488	{1 In2306	ppm	0.0883	0.0161	18.28	0.0997	0.0769
K_7664	766.490	{ 4 Y_3710	ppm	0.5967	0.0244	4.093	0.5794	0.614
K_7698	769.896	{ 4 Y_3710	ppm	0.6795	0.0377	5.555	0.6528	0.7062
Li6707	670.784	{ 5 Y_3710	ppm	0.0096	0.0003	3.516	0.0093	0.0098
Mg2790	279.079	{1 Y_3710	ppm	0.0287	0.0389	135.6	0.0561	0.0012
Mn2576	257.610	{1 Y_3600	ppm	0.0099	0.0003	2.601	0.0101	0.0097
Mn2576-2	257.610	{1 Y_3710	ppm	0.0145	0.0076	52.57	0.0199	0.0091
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0009	8.208	0.0107	0.0121
Na5895	589.592	{ 5 Y_3710	ppm	0.5855	0.015	2.559	0.5749	0.5961
Na8183	818.326	{ 4 Y_3710	ppm	0.5998	0.0882	14.71	0.5374	0.6622
Ni2316	231.604	{4 In2306	ppm	0.0097	0.0002	2.075	0.0096	0.0099
P_1782	178.284	{4 In2306	ppm	0.0087	0.0011	12.53	0.0095	0.008
Pb2203	220.353	{4 In2306	ppm	0.0108	0.0003	3.068	0.0106	0.011
S_1820	182.034	{4 Y_2243	ppm	-0.5236	0.2064	39.41	-0.6696	-0.3777
Sb2068	206.833	{4 Y_2243	ppm	0.0216	0.0014	6.256	0.0226	0.0207
Se1960	196.090	{4 Y_2243	ppm	0.01	0.0003	2.875	0.0102	0.0098
Si2516	251.611	{1 Y_3710	ppm	0.0276	0.0044	15.94	0.0307	0.0245
Sn1899	189.989	{4 In2306	ppm	0.0105	0.0007	6.819	0.01	0.011
Sr4215	421.552	{ 8 Y_3710	ppm	0.0045	0	0.5749	0.0045	0.0045
Ti3349	334.904	{1 Y_3600	ppm	0.0107	0.0006	6.086	0.0111	0.0102
Tl1908	190.856	{4 In2306	ppm	0.0099	0.0009	8.922	0.0093	0.0105
V_2924	292.402	{1 Y_3600	ppm	0.0092	0.0001	0.872	0.0092	0.0091
Zn2062	206.200	{4 In2306	ppm	0.0098	0.0003	2.823	0.0096	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.424	1.9808	3.7783	53.825	51.024
In2306	230.606	{4 Cts/S	10440	134.59	1.2891	10345	10535
Y_2243	224.306	{4 Cts/S	13092	178.94	1.3668	12965	13218
Y_3600	360.073	{ 9 Cts/S	112210	2760.3	2.4599	110260	114160
Y_3710	371.030	{ 9 Cts/S	7124.3	27.109	0.38051	7143.5	7105.2

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Custom ID1=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0003	246.5	0.0001	-0.0004
Al3082	308.215	{1 In2306	ppm	0.0261	0.013	49.8	0.0169	0.0353
As1890	189.042	{4 Y_2243	ppm	-0.0007	0.0008	121.8	-0.0001	-0.0013
B_2496	249.678	{1 Y_3710	ppm	-0.0012	0.0016	138.6	-0.0023	0
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0001	545	0	0.0001
Be3130	313.042	{1 Y_3710	ppm	0	0	48.26	0	0
Ca3158	315.887	{1 In2306	ppm	-0.003	0.017	570.5	0.009	-0.015
Ca3181	318.128	{1 In2306	ppm	0.0557	0.0306	55.04	0.0773	0.034
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	59.21	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0	0.0001	291.9	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	13.37	-0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	-0.0002	0.0001	36.42	-0.0002	-0.0003
Fe2404	240.488	{1 In2306	ppm	0.0027	0.0107	399.8	-0.0049	0.0103
K_7664	766.490	{ 4 Y_3710	ppm	0.0029	0.0017	59.79	0.0017	0.0041
K_7698	769.896	{ 4 Y_3710	ppm	0.1125	0.012	10.68	0.104	0.121
Li6707	670.784	{ 5 Y_3710	ppm	-0.0004	0.0001	30.21	-0.0003	-0.0005
Mg2790	279.079	{1 Y_3710	ppm	-0.0653	0.0604	92.62	-0.108	-0.0225
Mn2576	257.610	{1 Y_3600	ppm	0	0	9.265	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0002	0.0001	67.71	-0.0003	-0.0001
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	49.73	0.0003	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.006	0.0047	77.51	0.0093	0.0027
Na8183	818.326	{ 4 Y_3710	ppm	-0.0583	0.0178	30.6	-0.0709	-0.0457
Ni2316	231.604	{4 In2306	ppm	-0.0002	0.0001	91.86	-0.0003	-0.0001
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0008	121	-0.0001	-0.0012
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0006	97.85	0.0002	0.0011
S_1820	182.034	{4 Y_2243	ppm	-0.1893	0.1376	72.66	-0.0921	-0.2866
Sb2068	206.833	{4 Y_2243	ppm	0.0028	0.0006	19.96	0.0024	0.0032
Se1960	196.090	{4 Y_2243	ppm	-0.0012	0.0013	111.1	-0.0021	-0.0003
Si2516	251.611	{1 Y_3710	ppm	0.0151	0.0119	78.93	0.0067	0.0235
Sn1899	189.989	{4 In2306	ppm	0	0.0001	178.3	0	-0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0	25.26	-0.0001	-0.0001
Ti3349	334.904	{1 Y_3600	ppm	0	0.0001	1521	0.0001	-0.0001
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0003	124.3	0	0.0004
V_2924	292.402	{1 Y_3600	ppm	-0.0005	0	4.934	-0.0005	-0.0005
Zn2062	206.200	{4 In2306	ppm	0.0001	0	35.22	0.0002	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.808	1.8348	3.4744	54.106	51.511
In2306	230.606	{4 Cts/S	10505	27.711	0.26379	10485	10525
Y_2243	224.306	{4 Cts/S	13155	46.567	0.354	13122	13187
Y_3600	360.073	{ 9 Cts/S	111070	712.28	0.64127	111580	110570
Y_3710	371.030	{ 9 Cts/S	7143.6	27.549	0.38564	7163.1	7124.2

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:28:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0.0001	21.85	-0.0002	-0.0003
Al3082	308.215	{1 In2306	ppm	0.0019	0.0276	1426	-0.0176	0.0214
As1890	189.042	{4 Y_2243	ppm	-0.0019	0.0007	37.15	-0.0014	-0.0024
B_2496	249.678	{1 Y_3710	ppm	-0.0043	0.0017	39.96	-0.0031	-0.0055
Ba4554	455.403	{ 7 Y_3710	ppm	0.0002	0	23.39	0.0002	0.0002
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	60.69	0.0002	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0123	0.013	105.3	-0.0215	-0.0031
Ca3181	318.128	{1 In2306	ppm	0.0179	0.041	228.8	-0.0111	0.047
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	592.5	0.0001	0
Co2286	228.616	{4 In2306	ppm	0.0002	0	0.7186	0.0002	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0006	0.0003	41.6	-0.0008	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0005	0	4.417	0.0005	0.0005
Fe2404	240.488	{1 In2306	ppm	0.0121	0.013	107.2	0.0214	0.0029
K_7664	766.490	{ 4 Y_3710	ppm	0.002	0.0089	439.1	-0.0043	0.0083
K_7698	769.896	{ 4 Y_3710	ppm	0.0385	0.0027	6.887	0.0404	0.0366
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	61.36	0.0001	0.0002
Mg2790	279.079	{1 Y_3710	ppm	0.0002	0.0273	12110	0.0196	-0.0191
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0.0001	92	0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0006	0.0008	138	-0.0011	0
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0	16.6	0.0001	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0036	0.0023	63.99	0.0052	0.002
Na8183	818.326	{ 4 Y_3710	ppm	-0.0651	0.0136	20.89	-0.0747	-0.0555
Ni2316	231.604	{4 In2306	ppm	-0.0003	0	13.16	-0.0003	-0.0002
P_1782	178.284	{4 In2306	ppm	0.0003	0.0006	217.5	-0.0002	0.0008
Pb2203	220.353	{4 In2306	ppm	0.0002	0.0007	461.7	-0.0003	0.0006
S_1820	182.034	{4 Y_2243	ppm	-1.025	0.2521	24.6	-1.203	-0.8467
Sb2068	206.833	{4 Y_2243	ppm	0.0009	0.0002	25.5	0.0011	0.0007
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0.0014	489.1	0.0007	-0.0013
Si2516	251.611	{1 Y_3710	ppm	0.0093	0.0183	196.4	-0.0036	0.0222
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0003	353.8	-0.0001	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	35.12	-0.0003	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0006	0.0005	74.71	0.0009	0.0003
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0007	178.5	-0.0009	0.0001
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0002	49.16	-0.0005	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0019	0	0.6479	0.0019	0.0019

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.898	0.40534	0.82894	48.612	49.185
In2306	230.606	{4 Cts/S	10402	70.272	0.67555	10353	10452
Y_2243	224.306	{4 Cts/S	13035	90.519	0.69442	12971	13099
Y_3600	360.073	{ 9 Cts/S	111560	2898.3	2.598	109510	113610
Y_3710	371.030	{ 9 Cts/S	7068.5	144.12	2.039	7170.4	6966.6

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Custom ID3=
Run Time=1/14/2012 12:31:27
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5	0.0192	3.85	0.4864	0.5136
Al3082	308.215	{1 In2306	ppm	9.538	0.0337	0.3538	9.514	9.562
As1890	189.042	{4 Y_2243	ppm	0.9692	0.042	4.335	0.9395	0.9989
B_2496	249.678	{1 Y_3710	ppm	0.959	0.0034	0.3532	0.9567	0.9614
Ba4554	455.403	{ 7 Y_3710	ppm	0.9758	0.0003	0.0337	0.9756	0.9761
Be3130	313.042	{1 Y_3710	ppm	0.4908	0.0057	1.164	0.4949	0.4868
Ca3158	315.887	{1 In2306	ppm	9.411	0.0067	0.0713	9.407	9.416
Ca3181	318.128	{1 In2306	ppm	9.471	0.0651	0.6878	9.517	9.425
Cd2288	228.802	{4 Y_2243	ppm	0.4819	0.0197	4.093	0.4679	0.4958
Co2286	228.616	{4 In2306	ppm	0.9707	0.0407	4.193	0.9419	0.9995
Cr2677	267.716	{1 Y_3600	ppm	0.9755	0.0393	4.032	0.9477	1.003
Cu3247	324.754	{1 Y_3600	ppm	0.9939	0.0366	3.687	0.968	1.02
Fe2404	240.488	{1 In2306	ppm	9.486	0.0066	0.0693	9.491	9.481
K_7664	766.490	{ 4 Y_3710	ppm	10.37	0.0238	0.2299	10.35	10.38
K_7698	769.896	{ 4 Y_3710	ppm	10.1	0.1072	1.062	10.17	10.02
Li6707	670.784	{ 5 Y_3710	ppm	0.5132	0.0043	0.8349	0.5102	0.5162
Mg2790	279.079	{1 Y_3710	ppm	9.618	0.1262	1.312	9.707	9.529
Mn2576	257.610	{1 Y_3600	ppm	0.9733	0.041	4.21	0.9443	1.002
Mn2576-2	257.610	{1 Y_3710	ppm	0.9567	0.0121	1.266	0.9653	0.9481
Mo2020	202.030	{4 Y_2243	ppm	0.9799	0.0392	4.002	0.9522	1.008
Na5895	589.592	{ 5 Y_3710	ppm	10.26	0.0268	0.2609	10.24	10.28
Na8183	818.326	{ 4 Y_3710	ppm	9.857	0.084	0.8527	9.917	9.798
Ni2316	231.604	{4 In2306	ppm	0.9692	0.0402	4.143	0.9408	0.9976
P_1782	178.284	{4 In2306	ppm	0.0001	0.0002	254.8	-0.0001	0.0002
Pb2203	220.353	{4 In2306	ppm	0.9699	0.0434	4.477	0.9392	1.001
S_1820	182.034	{4 Y_2243	ppm	-2.069	0.1034	4.999	-1.996	-2.142
Sb2068	206.833	{4 Y_2243	ppm	0.9486	0.0361	3.806	0.9231	0.9741
Se1960	196.090	{4 Y_2243	ppm	0.9915	0.0466	4.697	0.9585	1.024
Si2516	251.611	{1 Y_3710	ppm	0.8383	0.0064	0.7684	0.8338	0.8429
Sn1899	189.989	{4 In2306	ppm	0.98	0.044	4.486	0.9489	1.011
Sr4215	421.552	{ 8 Y_3710	ppm	0.492	0.002	0.406	0.4934	0.4906
Ti3349	334.904	{1 Y_3600	ppm	0.9821	0.0385	3.92	0.9549	1.009
Tl1908	190.856	{4 In2306	ppm	0.9989	0.0396	3.961	0.971	1.027
V_2924	292.402	{1 Y_3600	ppm	0.9773	0.0385	3.944	0.9501	1.005
Zn2062	206.200	{4 In2306	ppm	0.9536	0.04	4.199	0.9253	0.9819

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.366	0.15344	0.29872	51.474	51.257
In2306	230.606	{4 Cts/S	9771.7	318.31	3.2575	9996.8	9546.6
Y_2243	224.306	{4 Cts/S	12847	405.67	3.1578	13134	12560
Y_3600	360.073	{ 9 Cts/S	108350	3527.1	3.2552	110850	105860
Y_3710	371.030	{ 9 Cts/S	6980.9	41.458	0.59388	6951.6	7010.2

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0002	50.79	0.0005	0.0002
Al3082	308.215	{1 In2306	ppm	-0.0075	0.0539	722.1	-0.0456	0.0307
As1890	189.042	{4 Y_2243	ppm	0.0017	0.0017	102.1	0.0005	0.0029
B_2496	249.678	{1 Y_3710	ppm	0.0019	0.0028	150.6	-0.0001	0.0039
Ba4554	455.403	{ 7 Y_3710	ppm	0.0084	0.0001	1.653	0.0085	0.0083
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	229.8	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.2181	0.0224	10.26	0.2023	0.2339
Ca3181	318.128	{1 In2306	ppm	0.249	0.1051	42.2	0.1747	0.3233
Cd2288	228.802	{4 Y_2243	ppm	0.0011	0.0013	119.7	0.0002	0.002
Co2286	228.616	{4 In2306	ppm	0.0025	0.0029	116.2	0.0005	0.0046
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0002	43.66	-0.0005	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.002	0.0002	11.92	0.0021	0.0018
Fe2404	240.488	{1 In2306	ppm	0.0173	0.0057	32.72	0.0133	0.0213
K_7664	766.490	{ 4 Y_3710	ppm	0.0716	0.0247	34.52	0.089	0.0541
K_7698	769.896	{ 4 Y_3710	ppm	0.1056	0.0373	35.31	0.0793	0.132
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0001	127.6	-0.0001	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0115	0.0176	152.5	-0.024	0.0009
Mn2576	257.610	{1 Y_3600	ppm	0.0003	0	11.93	0.0003	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0.0004	0.0011	294	0.0011	-0.0004
Mo2020	202.030	{4 Y_2243	ppm	0.0045	0.0037	81.71	0.0019	0.0071
Na5895	589.592	{ 5 Y_3710	ppm	140.1	7.311	5.217	145.3	135
Na8183	818.326	{ 4 Y_3710	ppm	139.6	1.699	1.217	140.8	138.4
Ni2316	231.604	{4 In2306	ppm	0.0018	0.0028	157.7	-0.0002	0.0037
P_1782	178.284	{4 In2306	ppm	0.0012	0.0003	23.82	0.001	0.0014
Pb2203	220.353	{4 In2306	ppm	0.002	0.0029	141.5	0	0.0041
S_1820	182.034	{4 Y_2243	ppm	-3.094	0.5153	16.66	-3.458	-2.729
Sb2068	206.833	{4 Y_2243	ppm	0.0159	0.0026	16.06	0.0141	0.0177
Se1960	196.090	{4 Y_2243	ppm	0.0017	0.0017	95.31	0.0006	0.0029
Si2516	251.611	{1 Y_3710	ppm	0.0259	0.0003	0.9937	0.0261	0.0257
Sn1899	189.989	{4 In2306	ppm	0.004	0.0029	73.25	0.0019	0.0061
Sr4215	421.552	{ 8 Y_3710	ppm	0.0002	0.0002	89.04	0.0001	0.0004
Ti3349	334.904	{1 Y_3600	ppm	0.0018	0	2.422	0.0018	0.0018
Tl1908	190.856	{4 In2306	ppm	0.0031	0.004	128.7	0.0003	0.006
V_2924	292.402	{1 Y_3600	ppm	-0.0002	0.0003	204.3	-0.0004	0.0001
Zn2062	206.200	{4 In2306	ppm	0.0073	0.0028	37.79	0.0054	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.39	0.92605	1.875	50.045	48.735
In2306	230.606	{4 Cts/S	9302.4	15.879	0.1707	9313.6	9291.1
Y_2243	224.306	{4 Cts/S	12405	36.489	0.29415	12431	12379
Y_3600	360.073	{ 9 Cts/S	103330	169.48	0.16401	103450	103210
Y_3710	371.030	{ 9 Cts/S	7025.6	51.795	0.73723	6989	7062.2

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0002	459.7	-0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.0174	0.0303	173.8	0.0389	-0.004
As1890	189.042	{4 Y_2243	ppm	0.0007	0.0011	150.5	0.0015	0
B_2496	249.678	{1 Y_3710	ppm	0.0082	0.0024	29.09	0.0098	0.0065
Ba4554	455.403	{ 7 Y_3710	ppm	0.1014	0.0004	0.4009	0.1011	0.1017
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	123.7	0	0.0002
Ca3158	315.887	{1 In2306	ppm	37.35	1.271	3.403	36.45	38.25
Ca3181	318.128	{1 In2306	ppm	36.99	1.533	4.144	35.91	38.08
Cd2288	228.802	{4 Y_2243	ppm	0.0038	0.0002	6.222	0.0036	0.0039
Co2286	228.616	{4 In2306	ppm	0.0004	0.0001	25.59	0.0004	0.0005
Cr2677	267.716	{1 Y_3600	ppm	0	0.0001	105.8	0	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0071	0.0003	4.849	0.0073	0.0068
Fe2404	240.488	{1 In2306	ppm	0.0044	0.0057	127.9	0.0004	0.0085
K_7664	766.490	{ 4 Y_3710	ppm	0.162	0.0287	17.7	0.1823	0.1417
K_7698	769.896	{ 4 Y_3710	ppm	0.1535	0.0172	11.23	0.1656	0.1413
Li6707	670.784	{ 5 Y_3710	ppm	0.001	0.0005	51.97	0.0014	0.0006
Mg2790	279.079	{1 Y_3710	ppm	0.9775	0.036	3.679	0.9521	1.003
Mn2576	257.610	{1 Y_3600	ppm	0.109	0.0069	6.306	0.1139	0.1042
Mn2576-2	257.610	{1 Y_3710	ppm	0.1001	0.0034	3.397	0.0977	0.1025
Mo2020	202.030	{4 Y_2243	ppm	0.0005	0.0002	41.43	0.0003	0.0006
Na5895	589.592	{ 5 Y_3710	ppm	130.3	0.2801	0.215	130.1	130.4
Na8183	818.326	{ 4 Y_3710	ppm	134.8	0.2051	0.1521	134.7	134.9
Ni2316	231.604	{4 In2306	ppm	0.003	0.0004	14.12	0.0027	0.0033
P_1782	178.284	{4 In2306	ppm	0.0045	0.0002	5.028	0.0047	0.0044
Pb2203	220.353	{4 In2306	ppm	0.0247	0.0002	0.8542	0.0246	0.0249
S_1820	182.034	{4 Y_2243	ppm	-45.08	0.044	0.0975	-45.05	-45.11
Sb2068	206.833	{4 Y_2243	ppm	0.004	0.0004	11.04	0.0037	0.0043
Se1960	196.090	{4 Y_2243	ppm	-0.0004	0.0003	73.02	-0.0006	-0.0002
Si2516	251.611	{1 Y_3710	ppm	0.307	0.0247	8.035	0.3244	0.2896
Sn1899	189.989	{4 In2306	ppm	0.0004	0.0004	102.1	0.0001	0.0006
Sr4215	421.552	{ 8 Y_3710	ppm	0.1261	0.0006	0.4495	0.1257	0.1265
Ti3349	334.904	{1 Y_3600	ppm	0.0014	0.0001	5.004	0.0013	0.0014
Tl1908	190.856	{4 In2306	ppm	0.0004	0.0008	217.7	-0.0002	0.0009
V_2924	292.402	{1 Y_3600	ppm	-0.0008	0	1.699	-0.0007	-0.0008
Zn2062	206.200	{4 In2306	ppm	0.2944	0.0033	1.131	0.292	0.2967

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.483	1.5349	3.0404	51.569	49.398
In2306	230.606	{4 Cts/S	9022	62.392	0.69155	9066.1	8977.8
Y_2243	224.306	{4 Cts/S	12159	43.101	0.35449	12189	12128
Y_3600	360.073	{ 9 Cts/S	101500	4718.1	4.6483	98165	104840
Y_3710	371.030	{ 9 Cts/S	7175.6	49.814	0.69422	7210.9	7140.4

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5122	0.0002	0.0442	0.5123	0.512
Al3082	308.215	{1 In2306	ppm	10.17	0.3854	3.789	9.899	10.44
As1890	189.042	{4 Y_2243	ppm	1.001	0.019	1.896	1.014	0.9871
B_2496	249.678	{1 Y_3710	ppm	1.03	0.0134	1.303	1.021	1.04
Ba4554	455.403	{ 7 Y_3710	ppm	1.121	0.0224	2.002	1.105	1.137
Be3130	313.042	{1 Y_3710	ppm	0.5037	0.0121	2.403	0.4951	0.5122
Ca3158	315.887	{1 In2306	ppm	49.46	0.5841	1.181	49.05	49.87
Ca3181	318.128	{1 In2306	ppm	48.91	0.4881	0.9978	48.57	49.26
Cd2288	228.802	{4 Y_2243	ppm	0.4919	0.0097	1.967	0.4988	0.4851
Co2286	228.616	{4 In2306	ppm	0.9801	0.0213	2.17	0.9952	0.9651
Cr2677	267.716	{1 Y_3600	ppm	0.9658	0.0028	0.2927	0.9678	0.9638
Cu3247	324.754	{1 Y_3600	ppm	0.9957	0.001	0.0993	0.995	0.9964
Fe2404	240.488	{1 In2306	ppm	9.907	0.0827	0.835	9.849	9.966
K_7664	766.490	{ 4 Y_3710	ppm	11.13	0.3614	3.246	10.88	11.39
K_7698	769.896	{ 4 Y_3710	ppm	10.87	0.2883	2.653	10.66	11.07
Li6707	670.784	{ 5 Y_3710	ppm	0.5428	0.0155	2.852	0.5318	0.5537
Mg2790	279.079	{1 Y_3710	ppm	10.82	0.2178	2.013	10.67	10.98
Mn2576	257.610	{1 Y_3600	ppm	1.058	0.001	0.0901	1.059	1.058
Mn2576-2	257.610	{1 Y_3710	ppm	1.087	0.0184	1.695	1.073	1.1
Mo2020	202.030	{4 Y_2243	ppm	0.988	0.0235	2.374	1.005	0.9714
Na5895	589.592	{ 5 Y_3710	ppm	152	0.0103	0.0068	152	152
Na8183	818.326	{ 4 Y_3710	ppm	156.3	3.605	2.306	153.8	158.9
Ni2316	231.604	{4 In2306	ppm	0.9845	0.0213	2.165	0.9996	0.9694
P_1782	178.284	{4 In2306	ppm	0.0052	0.0015	28.26	0.0062	0.0042
Pb2203	220.353	{4 In2306	ppm	0.9926	0.0234	2.362	1.009	0.976
S_1820	182.034	{4 Y_2243	ppm	-45.94	0.4749	1.034	-46.27	-45.6
Sb2068	206.833	{4 Y_2243	ppm	0.9771	0.0204	2.089	0.9915	0.9626
Se1960	196.090	{4 Y_2243	ppm	1.03	0.0174	1.689	1.042	1.018
Si2516	251.611	{1 Y_3710	ppm	1.27	0.0251	1.978	1.252	1.287
Sn1899	189.989	{4 In2306	ppm	1.008	0.023	2.283	1.025	0.9922
Sr4215	421.552	{ 8 Y_3710	ppm	0.6467	0.0141	2.186	0.6367	0.6567
Ti3349	334.904	{1 Y_3600	ppm	1.002	0.0051	0.5121	1.006	0.9986
Tl1908	190.856	{4 In2306	ppm	0.9729	0.0272	2.791	0.9922	0.9537
V_2924	292.402	{1 Y_3600	ppm	0.9664	0.0001	0.0116	0.9663	0.9664
Zn2062	206.200	{4 In2306	ppm	1.277	0.0268	2.096	1.296	1.258

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.051	0.62612	1.2765	49.494	48.608
In2306	230.606	{4 Cts/S	8972.4	93.311	1.04	8906.4	9038.4
Y_2243	224.306	{4 Cts/S	12307	104.52	0.84924	12233	12381
Y_3600	360.073	{ 9 Cts/S	103590	148.27	0.14314	103480	103690
Y_3710	371.030	{ 9 Cts/S	6802.3	139.44	2.0498	6900.9	6703.7

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5067	0.0123	2.42	0.498	0.5154
Al3082	308.215	{1 In2306	ppm	10.35	0.4011	3.876	10.07	10.63
As1890	189.042	{4 Y_2243	ppm	0.9966	0.0318	3.194	1.019	0.9741
B_2496	249.678	{1 Y_3710	ppm	1.012	0.0091	0.8954	1.006	1.019
Ba4554	455.403	{ 7 Y_3710	ppm	1.124	0.0043	0.3848	1.121	1.127
Be3130	313.042	{1 Y_3710	ppm	0.501	0.0056	1.116	0.497	0.5049
Ca3158	315.887	{1 In2306	ppm	49.99	2.065	4.13	48.53	51.45
Ca3181	318.128	{1 In2306	ppm	49.4	2.406	4.872	47.69	51.1
Cd2288	228.802	{4 Y_2243	ppm	0.4902	0.019	3.881	0.5037	0.4768
Co2286	228.616	{4 In2306	ppm	0.9816	0.0358	3.648	1.007	0.9563
Cr2677	267.716	{1 Y_3600	ppm	0.951	0.0287	3.019	0.9307	0.9714
Cu3247	324.754	{1 Y_3600	ppm	0.987	0.0246	2.49	0.9696	1.004
Fe2404	240.488	{1 In2306	ppm	10.08	0.3938	3.908	9.8	10.36
K_7664	766.490	{ 4 Y_3710	ppm	11.24	0.0709	0.6309	11.29	11.19
K_7698	769.896	{ 4 Y_3710	ppm	10.92	0.0125	0.1147	10.91	10.93
Li6707	670.784	{ 5 Y_3710	ppm	0.5501	0.0078	1.419	0.5556	0.5446
Mg2790	279.079	{1 Y_3710	ppm	10.63	0.1099	1.034	10.55	10.71
Mn2576	257.610	{1 Y_3600	ppm	1.048	0.0297	2.837	1.027	1.069
Mn2576-2	257.610	{1 Y_3710	ppm	1.077	0.0188	1.745	1.064	1.09
Mo2020	202.030	{4 Y_2243	ppm	0.9876	0.038	3.846	1.014	0.9607
Na5895	589.592	{ 5 Y_3710	ppm	150.3	0.9922	0.6599	149.6	151
Na8183	818.326	{ 4 Y_3710	ppm	155.6	0.2599	0.1671	155.4	155.8
Ni2316	231.604	{4 In2306	ppm	0.9897	0.0348	3.517	1.014	0.9651
P_1782	178.284	{4 In2306	ppm	0.0044	0.0002	3.851	0.0043	0.0045
Pb2203	220.353	{4 In2306	ppm	0.9946	0.0358	3.604	1.02	0.9692
S_1820	182.034	{4 Y_2243	ppm	-44.64	0.9506	2.129	-45.32	-43.97
Sb2068	206.833	{4 Y_2243	ppm	0.9813	0.0421	4.285	1.011	0.9516
Se1960	196.090	{4 Y_2243	ppm	1.031	0.038	3.687	1.058	1.004
Si2516	251.611	{1 Y_3710	ppm	1.256	0.0558	4.441	1.217	1.295
Sn1899	189.989	{4 In2306	ppm	1.009	0.0343	3.396	1.033	0.9846
Sr4215	421.552	{ 8 Y_3710	ppm	0.6474	0.0033	0.5033	0.6451	0.6497
Ti3349	334.904	{1 Y_3600	ppm	0.9808	0.0139	1.417	0.971	0.9906
Tl1908	190.856	{4 In2306	ppm	0.983	0.0349	3.547	1.008	0.9583
V_2924	292.402	{1 Y_3600	ppm	0.9564	0.0253	2.644	0.9385	0.9742
Zn2062	206.200	{4 In2306	ppm	1.274	0.0444	3.485	1.306	1.243

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.11	1.7492	3.6358	49.347	46.873
In2306	230.606	{4 Cts/S	8996.3	262.74	2.9205	8810.5	9182.1
Y_2243	224.306	{4 Cts/S	12380	390.07	3.1507	12104	12656
Y_3600	360.073	{ 9 Cts/S	104420	2432.8	2.3299	106140	102700
Y_3710	371.030	{ 9 Cts/S	6813.5	53.119	0.77961	6851.1	6775.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0	2.419	-0.0002	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0958	0.0113	11.78	0.1038	0.0878
As1890	189.042	{4 Y_2243	ppm	0.0034	0.0069	204.9	-0.0015	0.0083
B_2496	249.678	{1 Y_3710	ppm	0.0235	0.0041	17.64	0.0264	0.0205
Ba4554	455.403	{ 7 Y_3710	ppm	0.0495	0.0007	1.458	0.049	0.05
Be3130	313.042	{1 Y_3710	ppm	0	0	10.05	0	0
Ca3158	315.887	{1 In2306	ppm	20.01	0.6346	3.171	20.46	19.56
Ca3181	318.128	{1 In2306	ppm	19.83	0.537	2.708	20.21	19.45
Cd2288	228.802	{4 Y_2243	ppm	0.0027	0.0032	117.8	0.0004	0.0049
Co2286	228.616	{4 In2306	ppm	0.0057	0.0067	118.2	0.0009	0.0104
Cr2677	267.716	{1 Y_3600	ppm	0.0002	0.0002	85.09	0.0003	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0013	0.0002	16.37	0.0014	0.0011
Fe2404	240.488	{1 In2306	ppm	0.0396	0.0089	22.42	0.0334	0.0459
K_7664	766.490	{ 4 Y_3710	ppm	0.1128	0.0104	9.254	0.1055	0.1202
K_7698	769.896	{ 4 Y_3710	ppm	0.1703	0.0035	2.078	0.1678	0.1728
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0007	152.6	0	0.0009
Mg2790	279.079	{1 Y_3710	ppm	2.777	0.0591	2.128	2.735	2.819
Mn2576	257.610	{1 Y_3600	ppm	0.0291	0.0012	4.136	0.0299	0.0282
Mn2576-2	257.610	{1 Y_3710	ppm	0.0272	0.0013	4.799	0.0262	0.0281
Mo2020	202.030	{4 Y_2243	ppm	0.0089	0.0084	95.36	0.0029	0.0148
Na5895	589.592	{ 5 Y_3710	ppm	126.5	2.263	1.79	124.9	128.1
Na8183	818.326	{ 4 Y_3710	ppm	130.4	1.48	1.135	129.4	131.5
Ni2316	231.604	{4 In2306	ppm	0.0059	0.0069	116.8	0.001	0.0108
P_1782	178.284	{4 In2306	ppm	0.0005	0.0006	105.5	0.0009	0.0001
Pb2203	220.353	{4 In2306	ppm	0.0058	0.0058	98.9	0.0018	0.0099
S_1820	182.034	{4 Y_2243	ppm	-177	0.3715	0.2099	-177.2	-176.7
Sb2068	206.833	{4 Y_2243	ppm	0.0208	0.0054	25.78	0.017	0.0246
Se1960	196.090	{4 Y_2243	ppm	0.0051	0.0041	80.84	0.0022	0.008
Si2516	251.611	{1 Y_3710	ppm	0.2588	0.0304	11.73	0.2374	0.2803
Sn1899	189.989	{4 In2306	ppm	0.0081	0.0079	97.53	0.0025	0.0137
Sr4215	421.552	{ 8 Y_3710	ppm	0.0618	0.0009	1.382	0.0612	0.0624
Ti3349	334.904	{1 Y_3600	ppm	0.0055	0.0006	10.96	0.0059	0.0051
Tl1908	190.856	{4 In2306	ppm	0.0067	0.0059	87.81	0.0025	0.0108
V_2924	292.402	{1 Y_3600	ppm	0	0.0002	488.1	0.0001	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0136	0.0084	61.97	0.0077	0.0196

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.036	1.9701	3.8602	49.643	52.429
In2306	230.606	{4 Cts/S	9171	50.24	0.54781	9206.6	9135.5
Y_2243	224.306	{4 Cts/S	12354	36.381	0.29449	12380	12328
Y_3600	360.073	{ 9 Cts/S	104330	3351.2	3.2121	101960	106700
Y_3710	371.030	{ 9 Cts/S	7228.1	103.88	1.4372	7301.6	7154.7

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:47:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0002	201.3	0	-0.0002
Al3082	308.215	{1 In2306	ppm	0.1099	0.0125	11.34	0.1011	0.1187
As1890	189.042	{4 Y_2243	ppm	0	0.0001	2068	0.0001	-0.0001
B_2496	249.678	{1 Y_3710	ppm	0.0158	0.0044	27.55	0.0189	0.0127
Ba4554	455.403	{ 7 Y_3710	ppm	0.0047	0.0005	9.891	0.005	0.0044
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	81.52	0.0003	0.0001
Ca3158	315.887	{1 In2306	ppm	1.585	0.0039	0.2466	1.583	1.588
Ca3181	318.128	{1 In2306	ppm	1.593	0.0594	3.727	1.551	1.635
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	31.85	0.0001	0.0002
Co2286	228.616	{4 In2306	ppm	0.0005	0.0002	35.03	0.0003	0.0006
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0002	142	-0.0003	0
Cu3247	324.754	{1 Y_3600	ppm	0.0005	0.0001	22.87	0.0004	0.0005
Fe2404	240.488	{1 In2306	ppm	0.0293	0.0015	5.13	0.0282	0.0304
K_7664	766.490	{ 4 Y_3710	ppm	0.4046	0.0164	4.049	0.4162	0.393
K_7698	769.896	{ 4 Y_3710	ppm	0.5371	0.0948	17.66	0.6041	0.47
Li6707	670.784	{ 5 Y_3710	ppm	0.0056	0.0007	12.31	0.0061	0.0051
Mg2790	279.079	{1 Y_3710	ppm	1.427	0.0304	2.131	1.449	1.406
Mn2576	257.610	{1 Y_3600	ppm	0.0172	0.0009	4.979	0.0166	0.0178
Mn2576-2	257.610	{1 Y_3710	ppm	0.0172	0	0.0062	0.0172	0.0172
Mo2020	202.030	{4 Y_2243	ppm	0.0008	0.0003	35.9	0.0006	0.001
Na5895	589.592	{ 5 Y_3710	ppm	145.8	8.749	6	152	139.6
Na8183	818.326	{ 4 Y_3710	ppm	149.8	7.957	5.313	155.4	144.2
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0005	89.52	0.0002	0.0008
P_1782	178.284	{4 In2306	ppm	18.63	0.5567	2.988	19.02	18.23
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0008	91.28	0.0003	0.0014
S_1820	182.034	{4 Y_2243	ppm	-687.8	16.99	2.471	-699.8	-675.8
Sb2068	206.833	{4 Y_2243	ppm	0.004	0.0007	16.71	0.0045	0.0035
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0	2	-0.0003	-0.0003
Si2516	251.611	{1 Y_3710	ppm	0.1381	0.0077	5.603	0.1435	0.1326
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0001	18.19	0.0006	0.0007
Sr4215	421.552	{ 8 Y_3710	ppm	0.013	0.0005	3.772	0.0133	0.0126
Ti3349	334.904	{1 Y_3600	ppm	0.0005	0.0005	102	0.0001	0.0008
Tl1908	190.856	{4 In2306	ppm	0	0.0001	347.1	0	-0.0001
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0004	105.7	-0.0001	-0.0007
Zn2062	206.200	{4 In2306	ppm	0.0328	0.0008	2.587	0.0334	0.0322

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.786	0.20373	0.4092	49.642	49.931
In2306	230.606	{4 Cts/S	9264.5	172.24	1.8592	9142.7	9386.3
Y_2243	224.306	{4 Cts/S	12438	213.06	1.7129	12288	12589
Y_3600	360.073	{ 9 Cts/S	107470	3951.1	3.6766	110260	104670
Y_3710	371.030	{ 9 Cts/S	6792.5	288.64	4.2494	6588.4	6996.6

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0003	419.5	0.0001	-0.0003
Al3082	308.215	{1 In2306	ppm	0.0721	0.112	155.5	-0.0072	0.1513
As1890	189.042	{4 Y_2243	ppm	-0.0015	0.0009	64.53	-0.0021	-0.0008
B_2496	249.678	{1 Y_3710	ppm	-0.0077	0.0028	36.76	-0.0057	-0.0097
Ba4554	455.403	{ 7 Y_3710	ppm	0.0184	0.001	5.287	0.0177	0.0191
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	2471	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	67.57	4.869	7.206	64.13	71.01
Ca3181	318.128	{1 In2306	ppm	67.11	4.792	7.141	63.73	70.5
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	276.1	0	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0.0002	88.51	0.0003	0.0001
Cr2677	267.716	{1 Y_3600	ppm	0.0021	0.0006	28.85	0.0025	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.0006	0	6.403	0.0005	0.0006
Fe2404	240.488	{1 In2306	ppm	0.0103	0.0087	83.81	0.0042	0.0164
K_7664	766.490	{ 4 Y_3710	ppm	0.3481	0.0214	6.136	0.333	0.3632
K_7698	769.896	{ 4 Y_3710	ppm	0.3762	0.0109	2.889	0.3685	0.3839
Li6707	670.784	{ 5 Y_3710	ppm	0.0022	0.0001	5.953	0.0022	0.0023
Mg2790	279.079	{1 Y_3710	ppm	0.0256	0.0149	58.27	0.0362	0.0151
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	12.86	0.0002	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	0	0.0009	39910	-0.0006	0.0006
Mo2020	202.030	{4 Y_2243	ppm	0.0006	0.0003	52.03	0.0008	0.0004
Na5895	589.592	{ 5 Y_3710	ppm	135.9	3.895	2.866	133.2	138.7
Na8183	818.326	{ 4 Y_3710	ppm	138.2	6.635	4.801	133.5	142.9
Ni2316	231.604	{4 In2306	ppm	-0.0006	0.0001	11.65	-0.0006	-0.0005
P_1782	178.284	{4 In2306	ppm	0.0654	0.081	123.8	0.0081	0.1227
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0001	76.86	0.0001	0.0002
S_1820	182.034	{4 Y_2243	ppm	-659	14.72	2.233	-648.6	-669.4
Sb2068	206.833	{4 Y_2243	ppm	0.001	0.0021	203.4	-0.0004	0.0025
Se1960	196.090	{4 Y_2243	ppm	0.0012	0.0011	87.07	0.0005	0.002
Si2516	251.611	{1 Y_3710	ppm	3.109	0.1217	3.915	3.023	3.195
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0001	49.35	0.0003	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.2434	0.0119	4.881	0.235	0.2518
Ti3349	334.904	{1 Y_3600	ppm	0.0005	0.0002	36.97	0.0006	0.0004
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0005	125.4	0	-0.0008
V_2924	292.402	{1 Y_3600	ppm	0.0023	0.0006	24.19	0.0019	0.0027
Zn2062	206.200	{4 In2306	ppm	0.0026	0.0002	8.064	0.0024	0.0027

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.79	3.6006	7.0891	53.336	48.244
In2306	230.606	{4 Cts/S	8801	173.49	1.9713	8923.7	8678.3
Y_2243	224.306	{4 Cts/S	11892	221.65	1.8639	12048	11735
Y_3600	360.073	{ 9 Cts/S	102500	104.12	0.10159	102420	102570
Y_3710	371.030	{ 9 Cts/S	7154.7	302.72	4.231	7368.7	6940.6

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0004	228.2	-0.0001	0.0005
Al3082	308.215	{1 In2306	ppm	-0.0466	0.0271	58.06	-0.0657	-0.0275
As1890	189.042	{4 Y_2243	ppm	0.0003	0.0006	235.1	-0.0002	0.0007
B_2496	249.678	{1 Y_3710	ppm	0.014	0.0083	59.41	0.0081	0.0198
Ba4554	455.403	{ 7 Y_3710	ppm	0.0033	0.0001	3.831	0.0032	0.0034
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	401	0.0001	0
Ca3158	315.887	{1 In2306	ppm	0.1385	0.0016	1.149	0.1396	0.1374
Ca3181	318.128	{1 In2306	ppm	0.1362	0.0219	16.08	0.1207	0.1517
Cd2288	228.802	{4 Y_2243	ppm	0	0	75	0	0
Co2286	228.616	{4 In2306	ppm	0.0001	0.0002	115.3	0.0003	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0005	0.0003	68.2	-0.0007	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0004	0.0003	81.36	0.0006	0.0002
Fe2404	240.488	{1 In2306	ppm	0.0242	0.0163	67.17	0.0127	0.0357
K_7664	766.490	{ 4 Y_3710	ppm	0.0307	0.0024	7.726	0.0324	0.029
K_7698	769.896	{ 4 Y_3710	ppm	0.1043	0.0293	28.12	0.125	0.0835
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0005	105.5	0.0001	0.0008
Mg2790	279.079	{1 Y_3710	ppm	-0.0423	0.0478	113.2	-0.0761	-0.0084
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	3.733	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0008	0.0006	78.83	-0.0004	-0.0013
Mo2020	202.030	{4 Y_2243	ppm	0.0028	0.0001	2.028	0.0029	0.0028
Na5895	589.592	{ 5 Y_3710	ppm	0.8904	0.0124	1.392	0.8816	0.8991
Na8183	818.326	{ 4 Y_3710	ppm	0.8488	0.0717	8.451	0.8995	0.7981
Ni2316	231.604	{4 In2306	ppm	-0.0005	0	0.1044	-0.0005	-0.0005
P_1782	178.284	{4 In2306	ppm	0.0026	0.0004	13.74	0.0028	0.0023
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0008	99.07	0.0014	0.0003
S_1820	182.034	{4 Y_2243	ppm	-1.18	0.3391	28.74	-0.9402	-1.42
Sb2068	206.833	{4 Y_2243	ppm	0.0016	0.0004	23.92	0.0013	0.0019
Se1960	196.090	{4 Y_2243	ppm	0.0009	0.0006	62.19	0.0013	0.0005
Si2516	251.611	{1 Y_3710	ppm	0.0216	0.0364	168.2	-0.0041	0.0474
Sn1899	189.989	{4 In2306	ppm	-0.0001	0.0002	130.8	0	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0001	1389	-0.0001	0.0001
Ti3349	334.904	{1 Y_3600	ppm	0.0006	0.0001	8.17	0.0007	0.0006
Tl1908	190.856	{4 In2306	ppm	0.0001	0.0001	138.3	0.0001	0
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0002	165.2	-0.0002	0
Zn2062	206.200	{4 In2306	ppm	0.0034	0.0001	1.825	0.0034	0.0035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.898	0.41465	0.831	50.191	49.605
In2306	230.606	{4 Cts/S	10431	177.85	1.7051	10556	10305
Y_2243	224.306	{4 Cts/S	13151	247.77	1.884	13326	12976
Y_3600	360.073	{ 9 Cts/S	114350	358.16	0.31322	114600	114090
Y_3710	371.030	{ 9 Cts/S	6998.2	149.93	2.1425	7104.2	6892.1

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:55:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2428	0.0004	0.1643	0.2431	0.2426
Al3082	308.215	{1 In2306	ppm	2.465	0.0021	0.0871	2.466	2.463
As1890	189.042	{4 Y_2243	ppm	0.4736	0.0026	0.5565	0.4718	0.4755
B_2496	249.678	{1 Y_3710	ppm	0.4747	0.003	0.6302	0.4768	0.4726
Ba4554	455.403	{ 7 Y_3710	ppm	0.4908	0.0041	0.8378	0.4879	0.4937
Be3130	313.042	{1 Y_3710	ppm	0.4893	0.0016	0.3192	0.4882	0.4904
Ca3158	315.887	{1 In2306	ppm	11.95	0.0262	0.2194	11.93	11.96
Ca3181	318.128	{1 In2306	ppm	11.85	0.0115	0.0967	11.84	11.85
Cd2288	228.802	{4 Y_2243	ppm	0.4644	0.0029	0.6176	0.4624	0.4665
Co2286	228.616	{4 In2306	ppm	0.4728	0.0029	0.6046	0.4708	0.4749
Cr2677	267.716	{1 Y_3600	ppm	0.4826	0.0005	0.106	0.483	0.4823
Cu3247	324.754	{1 Y_3600	ppm	0.4852	0.0123	2.526	0.4939	0.4765
Fe2404	240.488	{1 In2306	ppm	2.393	0.0555	2.317	2.432	2.354
K_7664	766.490	{ 4 Y_3710	ppm	13.1	0.0225	0.1721	13.08	13.11
K_7698	769.896	{ 4 Y_3710	ppm	12.54	0.0637	0.5082	12.5	12.59
Li6707	670.784	{ 5 Y_3710	ppm	0.5164	0.0044	0.8502	0.5133	0.5195
Mg2790	279.079	{1 Y_3710	ppm	4.678	0.1008	2.155	4.607	4.75
Mn2576	257.610	{1 Y_3600	ppm	0.4837	0.0008	0.162	0.4843	0.4832
Mn2576-2	257.610	{1 Y_3710	ppm	0.4821	0.0007	0.1509	0.4815	0.4826
Mo2020	202.030	{4 Y_2243	ppm	0.4854	0.002	0.4095	0.484	0.4868
Na5895	589.592	{ 5 Y_3710	ppm	12.93	0.0783	0.6057	12.87	12.98
Na8183	818.326	{ 4 Y_3710	ppm	12.23	0.0083	0.0678	12.23	12.24
Ni2316	231.604	{4 In2306	ppm	0.4784	0.0028	0.5844	0.4765	0.4804
P_1782	178.284	{4 In2306	ppm	-0.0006	0.001	175.1	0.0001	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.4772	0.007	1.459	0.4723	0.4821
S_1820	182.034	{4 Y_2243	ppm	-276.8	1.573	0.5685	-275.7	-277.9
Sb2068	206.833	{4 Y_2243	ppm	0.4694	0.0003	0.058	0.4692	0.4695
Se1960	196.090	{4 Y_2243	ppm	0.4887	0.0034	0.6982	0.4863	0.4911
Si2516	251.611	{1 Y_3710	ppm	0.8793	0.0148	1.682	0.8688	0.8897
Sn1899	189.989	{4 In2306	ppm	0.4855	0.0037	0.7653	0.4828	0.4881
Sr4215	421.552	{ 8 Y_3710	ppm	0.2514	0.0022	0.8895	0.2498	0.2529
Ti3349	334.904	{1 Y_3600	ppm	0.497	0.0025	0.4996	0.4987	0.4952
Tl1908	190.856	{4 In2306	ppm	0.4952	0.0023	0.4668	0.4935	0.4968
V_2924	292.402	{1 Y_3600	ppm	0.4771	0.0015	0.3244	0.4782	0.476
Zn2062	206.200	{4 In2306	ppm	0.4684	0.003	0.6309	0.4664	0.4705

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.604	0.19645	0.3882	50.743	50.465
In2306	230.606	{4 Cts/S	9879.8	72.92	0.73808	9931.3	9828.2
Y_2243	224.306	{4 Cts/S	13012	89.583	0.68846	13075	12949
Y_3600	360.073	{ 9 Cts/S	109110	385.07	0.35293	108830	109380
Y_3710	371.030	{ 9 Cts/S	6926.1	16.143	0.23307	6937.5	6914.7

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 12:57:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0053	0.0003	6.018	0.005	0.0055
Al3082	308.215	{1 In2306	ppm	0.1211	0.0025	2.076	0.1194	0.1229
As1890	189.042	{4 Y_2243	ppm	0.0077	0.001	13.18	0.007	0.0085
B_2496	249.678	{1 Y_3710	ppm	0.0039	0.0148	381.5	-0.0066	0.0143
Ba4554	455.403	{ 7 Y_3710	ppm	0.0093	0.0002	2.245	0.0092	0.0095
Be3130	313.042	{1 Y_3710	ppm	0.0049	0.0001	1.439	0.0048	0.0049
Ca3158	315.887	{1 In2306	ppm	0.0795	0.0038	4.833	0.0767	0.0822
Ca3181	318.128	{1 In2306	ppm	0.164	0.0501	30.55	0.1286	0.1994
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0006	12.2	0.0048	0.0057
Co2286	228.616	{4 In2306	ppm	0.0099	0.0008	7.876	0.0094	0.0105
Cr2677	267.716	{1 Y_3600	ppm	0.0089	0.0001	1.428	0.0089	0.009
Cu3247	324.754	{1 Y_3600	ppm	0.0096	0.0002	1.847	0.0095	0.0098
Fe2404	240.488	{1 In2306	ppm	0.0932	0.0041	4.422	0.0961	0.0902
K_7664	766.490	{ 4 Y_3710	ppm	0.6035	0.01	1.659	0.6106	0.5965
K_7698	769.896	{ 4 Y_3710	ppm	0.6872	0.0549	7.992	0.6484	0.726
Li6707	670.784	{ 5 Y_3710	ppm	0.0097	0.0004	3.919	0.0094	0.01
Mg2790	279.079	{1 Y_3710	ppm	0.0754	0.0376	49.89	0.0488	0.102
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0	0.3293	0.0098	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0092	0.0021	22.44	0.0078	0.0107
Mo2020	202.030	{4 Y_2243	ppm	0.0116	0.0013	11.21	0.0107	0.0125
Na5895	589.592	{ 5 Y_3710	ppm	0.62	0.0049	0.7976	0.6165	0.6235
Na8183	818.326	{ 4 Y_3710	ppm	0.863	0.1007	11.67	0.9342	0.7918
Ni2316	231.604	{4 In2306	ppm	0.0102	0.0009	8.987	0.0095	0.0108
P_1782	178.284	{4 In2306	ppm	0.0096	0.0007	7.328	0.0091	0.0101
Pb2203	220.353	{4 In2306	ppm	0.0099	0.0002	1.755	0.0097	0.01
S_1820	182.034	{4 Y_2243	ppm	-0.0494	0.013	26.23	-0.0402	-0.0585
Sb2068	206.833	{4 Y_2243	ppm	0.0165	0.0014	8.225	0.0156	0.0175
Se1960	196.090	{4 Y_2243	ppm	0.0094	0.0009	9.074	0.0088	0.0101
Si2516	251.611	{1 Y_3710	ppm	0.0199	0.0016	7.85	0.0188	0.021
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0006	5.351	0.0104	0.0112
Sr4215	421.552	{ 8 Y_3710	ppm	0.0048	0	0.4138	0.0048	0.0049
Ti3349	334.904	{1 Y_3600	ppm	0.01	0.0002	2.399	0.0102	0.0099
Tl1908	190.856	{4 In2306	ppm	0.0105	0.0003	2.977	0.0103	0.0107
V_2924	292.402	{1 Y_3600	ppm	0.0089	0.0002	1.7	0.0088	0.009
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0009	8.891	0.009	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.111	0.84629	1.6558	51.71	50.513
In2306	230.606	{4 Cts/S	10403	10.143	0.09751	10396	10410
Y_2243	224.306	{4 Cts/S	13158	22.564	0.17149	13142	13173
Y_3600	360.073	{ 9 Cts/S	113900	1149.7	1.0094	114710	113080
Y_3710	371.030	{ 9 Cts/S	7021.9	38.052	0.54191	7048.8	6995

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:00:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0007	2822	0.0004	-0.0005
Al3082	308.215	{1 In2306	ppm	-0.0146	0.0121	83.12	-0.006	-0.0232
As1890	189.042	{4 Y_2243	ppm	-0.0017	0.0005	27.87	-0.0021	-0.0014
B_2496	249.678	{1 Y_3710	ppm	-0.0022	0.0015	67.22	-0.0032	-0.0011
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0.0001	26.09	-0.0003	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	404.2	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0088	0.0049	55.72	-0.0122	-0.0053
Ca3181	318.128	{1 In2306	ppm	0.0063	0.0481	765	0.0403	-0.0277
Cd2288	228.802	{4 Y_2243	ppm	0	0.0002	330.2	-0.0001	0.0002
Co2286	228.616	{4 In2306	ppm	0	0	42.65	0	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0.0004	129.9	0	-0.0006
Cu3247	324.754	{1 Y_3600	ppm	0	0	54.16	0	0.0001
Fe2404	240.488	{1 In2306	ppm	-0.0042	0.0171	403.5	-0.0164	0.0079
K_7664	766.490	{ 4 Y_3710	ppm	0.0244	0.042	172.3	0.0541	-0.0053
K_7698	769.896	{ 4 Y_3710	ppm	0.111	0.0407	36.64	0.0822	0.1397
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0	10.85	0.0002	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0231	0.0118	51.14	-0.0315	-0.0148
Mn2576	257.610	{1 Y_3600	ppm	0	0	157.9	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	0.0003	0.0006	211.2	0.0007	-0.0001
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0	11.7	0.0003	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.0147	0.0012	7.971	0.0139	0.0156
Na8183	818.326	{ 4 Y_3710	ppm	0.1086	0.0516	47.5	0.0721	0.145
Ni2316	231.604	{4 In2306	ppm	0	0	81.69	0.0001	0
P_1782	178.284	{4 In2306	ppm	0.0002	0.0007	360.1	-0.0003	0.0007
Pb2203	220.353	{4 In2306	ppm	0.0006	0.0004	71.46	0.0009	0.0003
S_1820	182.034	{4 Y_2243	ppm	0.1742	0.4903	281.5	-0.1725	0.5208
Sb2068	206.833	{4 Y_2243	ppm	0.0024	0.0007	30.9	0.0018	0.0029
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0009	552	-0.0008	0.0005
Si2516	251.611	{1 Y_3710	ppm	-0.0073	0.0096	131.3	-0.0005	-0.0141
Sn1899	189.989	{4 In2306	ppm	0	0.0001	159	0	-0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0	5.521	-0.0003	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	-0.0001	0	30.89	-0.0002	-0.0001
Tl1908	190.856	{4 In2306	ppm	0.0001	0.0004	544.3	-0.0002	0.0004
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0	4.513	-0.0004	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0001	0	24.01	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.596	1.3314	2.5314	53.538	51.655
In2306	230.606	{4 Cts/S	10442	115.67	1.1078	10523	10360
Y_2243	224.306	{4 Cts/S	13126	129.85	0.98925	13218	13034
Y_3600	360.073	{ 9 Cts/S	113510	112.86	0.09943	113590	113430
Y_3710	371.030	{ 9 Cts/S	6975	9.476	0.13586	6968.3	6981.7

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:03:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0003	521.6	0.0003	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0044	0.0072	163.5	-0.0007	0.0095
As1890	189.042	{4 Y_2243	ppm	-0.0023	0.0008	36.79	-0.0028	-0.0017
B_2496	249.678	{1 Y_3710	ppm	0.0141	0.0027	19.18	0.016	0.0122
Ba4554	455.403	{ 7 Y_3710	ppm	0.3735	0.0066	1.754	0.3781	0.3689
Be3130	313.042	{1 Y_3710	ppm	0	0	88.68	0	0
Ca3158	315.887	{1 In2306	ppm	314.4	7.223	2.298	319.5	309.3
Ca3181	318.128	{1 In2306	ppm	314.2	7.222	2.299	319.3	309
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	66.05	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0	16.98	0.0002	0.0002
Cr2677	267.716	{1 Y_3600	ppm	0.0007	0.0003	37.43	0.0009	0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0019	0.0001	3.813	0.0019	0.0018
Fe2404	240.488	{1 In2306	ppm	-0.0167	0.0158	94.78	-0.0279	-0.0055
K_7664	766.490	{ 4 Y_3710	ppm	3.349	0.0556	1.66	3.388	3.31
K_7698	769.896	{ 4 Y_3710	ppm	3.35	0.0673	2.008	3.398	3.303
Li6707	670.784	{ 5 Y_3710	ppm	0.0183	0.0001	0.4232	0.0184	0.0183
Mg2790	279.079	{1 Y_3710	ppm	-0.0819	0.0505	61.74	-0.1176	-0.0461
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	26.11	0.0002	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0012	0.0017	149.3	-0.0001	0.0024
Mo2020	202.030	{4 Y_2243	ppm	0.0046	0.0002	4.793	0.0048	0.0045
Na5895	589.592	{ 5 Y_3710	ppm	29.08	0.4776	1.642	29.42	28.74
Na8183	818.326	{ 4 Y_3710	ppm	27.94	0.4429	1.585	28.26	27.63
Ni2316	231.604	{4 In2306	ppm	-0.0001	0.0002	157	-0.0002	0
P_1782	178.284	{4 In2306	ppm	0.0073	0.0011	15.54	0.0081	0.0065
Pb2203	220.353	{4 In2306	ppm	0.01	0.0008	7.981	0.0105	0.0094
S_1820	182.034	{4 Y_2243	ppm	-251.7	5.054	2.008	-255.3	-248.2
Sb2068	206.833	{4 Y_2243	ppm	0.0004	0.0013	360.9	-0.0006	0.0013
Se1960	196.090	{4 Y_2243	ppm	0.0019	0.0007	35.36	0.0024	0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0287	0.0329	114.8	0.0054	0.052
Sn1899	189.989	{4 In2306	ppm	0.0005	0.0001	14.19	0.0004	0.0005
Sr4215	421.552	{ 8 Y_3710	ppm	0.3457	0.0067	1.939	0.3505	0.341
Ti3349	334.904	{1 Y_3600	ppm	0.0014	0.0001	7.593	0.0013	0.0015
Tl1908	190.856	{4 In2306	ppm	0	0.0011	5780	0.0008	-0.0008
V_2924	292.402	{1 Y_3600	ppm	0	0.0001	297.7	-0.0001	0
Zn2062	206.200	{4 In2306	ppm	0.0193	0.0004	2.159	0.0196	0.019

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.98	1.0138	2.113	47.263	48.697
In2306	230.606	{4 Cts/S	8743.7	142.47	1.6294	8643	8844.4
Y_2243	224.306	{4 Cts/S	11863	208.75	1.7597	11715	12010
Y_3600	360.073	{ 9 Cts/S	101670	213.46	0.20996	101520	101820
Y_3710	371.030	{ 9 Cts/S	6779.1	80.224	1.1834	6722.3	6835.8

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:05:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4767	0	0.0023	0.4767	0.4767
Al3082	308.215	{1 In2306	ppm	10.15	1.121	11.05	10.94	9.352
As1890	189.042	{4 Y_2243	ppm	0.959	0.0073	0.7563	0.9641	0.9539
B_2496	249.678	{1 Y_3710	ppm	1.011	0.0881	8.712	1.073	0.9487
Ba4554	455.403	{ 7 Y_3710	ppm	1.133	0.1097	9.677	1.211	1.056
Be3130	313.042	{1 Y_3710	ppm	0.4944	0.0517	10.46	0.531	0.4579
Ca3158	315.887	{1 In2306	ppm	48.46	5.356	11.05	52.24	44.67
Ca3181	318.128	{1 In2306	ppm	47.7	5.389	11.3	51.51	43.89
Cd2288	228.802	{4 Y_2243	ppm	0.4656	0.0019	0.4031	0.467	0.4643
Co2286	228.616	{4 In2306	ppm	0.9303	0.0024	0.2621	0.932	0.9286
Cr2677	267.716	{1 Y_3600	ppm	0.9072	0.0036	0.402	0.9098	0.9046
Cu3247	324.754	{1 Y_3600	ppm	0.9405	0.005	0.5292	0.944	0.937
Fe2404	240.488	{1 In2306	ppm	9.591	1.118	11.66	10.38	8.801
K_7664	766.490	{ 4 Y_3710	ppm	11.37	0.9184	8.078	12.02	10.72
K_7698	769.896	{ 4 Y_3710	ppm	11	0.9316	8.469	11.66	10.34
Li6707	670.784	{ 5 Y_3710	ppm	1.119	0.0927	8.285	1.184	1.053
Mg2790	279.079	{1 Y_3710	ppm	10.52	1.172	11.14	11.34	9.687
Mn2576	257.610	{1 Y_3600	ppm	1.009	0.0021	0.2088	1.01	1.007
Mn2576-2	257.610	{1 Y_3710	ppm	1.099	0.1135	10.33	1.179	1.018
Mo2020	202.030	{4 Y_2243	ppm	0.9309	0.0061	0.655	0.9352	0.9265
Na5895	589.592	{ 5 Y_3710	ppm	150.2	5.157	3.433	153.8	146.6
Na8183	818.326	{ 4 Y_3710	ppm	158.3	14.54	9.181	168.6	148.1
Ni2316	231.604	{4 In2306	ppm	0.9543	0.0038	0.3931	0.957	0.9517
P_1782	178.284	{4 In2306	ppm	0.9955	0.0036	0.3598	0.993	0.998
Pb2203	220.353	{4 In2306	ppm	0.9594	0.0022	0.2335	0.961	0.9578
S_1820	182.034	{4 Y_2243	ppm	-42.95	0.7131	1.66	-42.44	-43.45
Sb2068	206.833	{4 Y_2243	ppm	0.9383	0.0086	0.9122	0.9444	0.9323
Se1960	196.090	{4 Y_2243	ppm	0.9743	0.0013	0.1304	0.9752	0.9734
Si2516	251.611	{1 Y_3710	ppm	1.361	0.0974	7.155	1.43	1.292
Sn1899	189.989	{4 In2306	ppm	0.9614	0.0035	0.3628	0.9639	0.959
Sr4215	421.552	{ 8 Y_3710	ppm	0.6514	0.0629	9.659	0.6959	0.6069
Ti3349	334.904	{1 Y_3600	ppm	0.9362	0.0054	0.5746	0.94	0.9324
Tl1908	190.856	{4 In2306	ppm	0.9421	0.006	0.6369	0.9463	0.9378
V_2924	292.402	{1 Y_3600	ppm	0.8933	0.0041	0.4551	0.8962	0.8904
Zn2062	206.200	{4 In2306	ppm	1.223	0.006	0.4945	1.227	1.219

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.802	4.1033	8.5839	44.9	50.703
In2306	230.606	{4 Cts/S	8898.3	10.43	0.11721	8890.9	8905.7
Y_2243	224.306	{4 Cts/S	12309	23.814	0.19347	12292	12326
Y_3600	360.073	{ 9 Cts/S	104900	293.47	0.27975	104700	105110
Y_3710	371.030	{ 9 Cts/S	6542	508.71	7.7761	6182.2	6901.7

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:08:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	78.34	0.0001	0.0002
Al3082	308.215	{1 In2306	ppm	0.0356	0.0215	60.44	0.0508	0.0204
As1890	189.042	{4 Y_2243	ppm	-0.0007	0.0005	77.71	-0.0011	-0.0003
B_2496	249.678	{1 Y_3710	ppm	-0.001	0.0049	491	-0.0045	0.0025
Ba4554	455.403	{ 7 Y_3710	ppm	0.0211	0.0001	0.6859	0.021	0.0212
Be3130	313.042	{1 Y_3710	ppm	0.0003	0.0002	85.15	0.0004	0.0001
Ca3158	315.887	{1 In2306	ppm	7.732	0.4182	5.409	7.436	8.027
Ca3181	318.128	{1 In2306	ppm	7.616	0.3407	4.474	7.375	7.857
Cd2288	228.802	{4 Y_2243	ppm	0.0011	0.0006	51.18	0.0007	0.0015
Co2286	228.616	{4 In2306	ppm	0.0008	0.0011	130.3	0.0001	0.0016
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	5.681	-0.0003	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0013	0.0003	20.87	0.0015	0.0011
Fe2404	240.488	{1 In2306	ppm	-0.0019	0.0021	109	-0.0004	-0.0034
K_7664	766.490	{ 4 Y_3710	ppm	0.0307	0.0034	11.01	0.0331	0.0283
K_7698	769.896	{ 4 Y_3710	ppm	0.1372	0.0399	29.05	0.109	0.1654
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0003	92.9	0.0001	0.0006
Mg2790	279.079	{1 Y_3710	ppm	0.1931	0.0111	5.757	0.201	0.1853
Mn2576	257.610	{1 Y_3600	ppm	0.0225	0.0007	2.978	0.023	0.022
Mn2576-2	257.610	{1 Y_3710	ppm	0.0213	0.001	4.577	0.0206	0.022
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0015	65.3	0.0013	0.0035
Na5895	589.592	{ 5 Y_3710	ppm	29.31	0.1068	0.3645	29.38	29.23
Na8183	818.326	{ 4 Y_3710	ppm	28.32	0.2252	0.7951	28.16	28.48
Ni2316	231.604	{4 In2306	ppm	0.0011	0.001	92.04	0.0004	0.0018
P_1782	178.284	{4 In2306	ppm	0.0009	0.0006	67.19	0.0005	0.0013
Pb2203	220.353	{4 In2306	ppm	0.0059	0.0004	6.733	0.0056	0.0062
S_1820	182.034	{4 Y_2243	ppm	-8.133	0.0083	0.1026	-8.139	-8.127
Sb2068	206.833	{4 Y_2243	ppm	0.008	0.0017	21.46	0.0068	0.0092
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.0015	321.7	-0.0015	0.0006
Si2516	251.611	{1 Y_3710	ppm	0.089	0.0154	17.35	0.0999	0.0781
Sn1899	189.989	{4 In2306	ppm	0.0024	0.0014	59.66	0.0014	0.0034
Sr4215	421.552	{ 8 Y_3710	ppm	0.0268	0.0002	0.6585	0.0267	0.0269
Ti3349	334.904	{1 Y_3600	ppm	0.0023	0.0003	14.41	0.002	0.0025
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0014	390.9	-0.0014	0.0006
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0001	21.22	-0.0005	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.06	0.0021	3.558	0.0585	0.0615

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.906	2.4138	4.8368	51.613	48.199
In2306	230.606	{4 Cts/S	9741.2	169.96	1.7448	9861.4	9621
Y_2243	224.306	{4 Cts/S	12655	238.71	1.8863	12824	12486
Y_3600	360.073	{ 9 Cts/S	106060	2375.9	2.2402	104380	107740
Y_3710	371.030	{ 9 Cts/S	6981.4	18.362	0.26301	6994.4	6968.5

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.001	0.0001	4.888	0.001	0.0011
Al3082	308.215	{1 In2306	ppm	13.21	0.6226	4.714	13.65	12.77
As1890	189.042	{4 Y_2243	ppm	0.1738	0.0056	3.247	0.1778	0.1698
B_2496	249.678	{1 Y_3710	ppm	0.0059	0.0303	515.6	0.0273	-0.0156
Ba4554	455.403	{ 7 Y_3710	ppm	0.3807	0.0032	0.8415	0.3829	0.3784
Be3130	313.042	{1 Y_3710	ppm	0.0013	0.0001	6.841	0.0012	0.0013
Ca3158	315.887	{1 In2306	ppm	266.8	12.14	4.549	275.4	258.2
Ca3181	318.128	{1 In2306	ppm	267.7	13.04	4.87	276.9	258.5
Cd2288	228.802	{4 Y_2243	ppm	0.0388	0.0008	1.952	0.0393	0.0382
Co2286	228.616	{4 In2306	ppm	0.016	0.0001	0.6255	0.0161	0.0159
Cr2677	267.716	{1 Y_3600	ppm	0.0275	0.0003	1.261	0.0277	0.0272
Cu3247	324.754	{1 Y_3600	ppm	0.3548	0.001	0.2717	0.3541	0.3555
Fe2404	240.488	{1 In2306	ppm	49.91	2.396	4.8	51.61	48.22
K_7664	766.490	{ 4 Y_3710	ppm	1.872	0.0278	1.487	1.852	1.891
K_7698	769.896	{ 4 Y_3710	ppm	1.92	0.0241	1.255	1.937	1.903
Li6707	670.784	{ 5 Y_3710	ppm	0.0107	0.0002	1.413	0.0108	0.0106
Mg2790	279.079	{1 Y_3710	ppm	2.634	0.0496	1.882	2.669	2.599
Mn2576	257.610	{1 Y_3600	ppm	1.184	0.0024	0.2059	1.182	1.186
Mn2576-2	257.610	{1 Y_3710	ppm	1.241	0.016	1.293	1.252	1.229
Mo2020	202.030	{4 Y_2243	ppm	0.0043	0.0003	7.064	0.0045	0.004
Na5895	589.592	{ 5 Y_3710	ppm	0.8191	0.0058	0.7131	0.8232	0.8149
Na8183	818.326	{ 4 Y_3710	ppm	0.9678	0.041	4.239	0.9388	0.9968
Ni2316	231.604	{4 In2306	ppm	0.7583	0.0135	1.786	0.7679	0.7487
P_1782	178.284	{4 In2306	ppm	1.34	0.0185	1.379	1.353	1.327
Pb2203	220.353	{4 In2306	ppm	10.96	0.1611	1.47	11.07	10.84
S_1820	182.034	{4 Y_2243	ppm	-1441	28.75	1.994	-1462	-1421
Sb2068	206.833	{4 Y_2243	ppm	0.0471	0.0013	2.732	0.0462	0.048
Se1960	196.090	{4 Y_2243	ppm	0.01	0.0017	17.06	0.0113	0.0088
Si2516	251.611	{1 Y_3710	ppm	0.8618	0.0412	4.778	0.8909	0.8327
Sn1899	189.989	{4 In2306	ppm	0.103	0.002	1.964	0.1045	0.1016
Sr4215	421.552	{ 8 Y_3710	ppm	0.8634	0.0051	0.5849	0.867	0.8599
Ti3349	334.904	{1 Y_3600	ppm	0.0282	0.0003	1.118	0.028	0.0285
Tl1908	190.856	{4 In2306	ppm	-0.002	0.0008	38.2	-0.0026	-0.0015
V_2924	292.402	{1 Y_3600	ppm	0.0699	0.0001	0.1729	0.0698	0.07
Zn2062	206.200	{4 In2306	ppm	0.2215	0.0033	1.508	0.2238	0.2191

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.077	1.8082	3.6845	47.798	50.355
In2306	230.606	{4 Cts/S	8827.8	134.53	1.524	8732.7	8922.9
Y_2243	224.306	{4 Cts/S	12287	199.67	1.6251	12145	12428
Y_3600	360.073	{ 9 Cts/S	104600	49.251	0.04709	104560	104630
Y_3710	371.030	{ 9 Cts/S	6725	17.514	0.26043	6712.6	6737.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	96.15	-0.0003	-0.0001
Al3082	308.215	{1 In2306	ppm	19.71	0.3687	1.871	19.45	19.97
As1890	189.042	{4 Y_2243	ppm	0.1495	0.0034	2.29	0.1471	0.152
B_2496	249.678	{1 Y_3710	ppm	0.0863	0.0066	7.679	0.091	0.0816
Ba4554	455.403	{ 7 Y_3710	ppm	1.068	0.0218	2.036	1.053	1.084
Be3130	313.042	{1 Y_3710	ppm	0.0013	0	0.2308	0.0013	0.0013
Ca3158	315.887	{1 In2306	ppm	191.4	2.702	1.411	189.5	193.3
Ca3181	318.128	{1 In2306	ppm	191.6	2.562	1.338	189.8	193.4
Cd2288	228.802	{4 Y_2243	ppm	0.0781	0.0019	2.388	0.0767	0.0794
Co2286	228.616	{4 In2306	ppm	0.0274	0.0008	2.76	0.0269	0.0279
Cr2677	267.716	{1 Y_3600	ppm	0.0556	0.001	1.755	0.0563	0.0549
Cu3247	324.754	{1 Y_3600	ppm	2.209	0.0163	0.7358	2.22	2.197
Fe2404	240.488	{1 In2306	ppm	143	1.974	1.381	141.6	144.4
K_7664	766.490	{ 4 Y_3710	ppm	3.197	0.0831	2.598	3.138	3.255
K_7698	769.896	{ 4 Y_3710	ppm	3.153	0.077	2.443	3.098	3.207
Li6707	670.784	{ 5 Y_3710	ppm	0.0162	0.0009	5.746	0.0156	0.0169
Mg2790	279.079	{1 Y_3710	ppm	3.305	0.1049	3.174	3.231	3.38
Mn2576	257.610	{1 Y_3600	ppm	1.772	0.0192	1.086	1.786	1.758
Mn2576-2	257.610	{1 Y_3710	ppm	1.809	0.0357	1.972	1.784	1.835
Mo2020	202.030	{4 Y_2243	ppm	0.0243	0.0004	1.755	0.024	0.0246
Na5895	589.592	{ 5 Y_3710	ppm	4.719	0.1157	2.452	4.637	4.801
Na8183	818.326	{ 4 Y_3710	ppm	4.997	0.0492	0.9843	4.962	5.031
Ni2316	231.604	{4 In2306	ppm	0.1744	0.0071	4.078	0.1694	0.1794
P_1782	178.284	{4 In2306	ppm	1.713	0.0466	2.724	1.68	1.746
Pb2203	220.353	{4 In2306	ppm	13.35	0.3609	2.703	13.1	13.61
S_1820	182.034	{4 Y_2243	ppm	-7608	167.1	2.196	-7490	-7726
Sb2068	206.833	{4 Y_2243	ppm	0.0351	0	0.1313	0.0351	0.0351
Se1960	196.090	{4 Y_2243	ppm	0.0447	0.0015	3.359	0.0436	0.0458
Si2516	251.611	{1 Y_3710	ppm	1.016	0.0127	1.246	1.007	1.025
Sn1899	189.989	{4 In2306	ppm	1.083	0.0233	2.151	1.066	1.099
Sr4215	421.552	{ 8 Y_3710	ppm	0.6099	0.0127	2.075	0.6009	0.6188
Ti3349	334.904	{1 Y_3600	ppm	0.0615	0.0003	0.5382	0.0618	0.0613
Tl1908	190.856	{4 In2306	ppm	-0.0023	0.0004	17.86	-0.0026	-0.002
V_2924	292.402	{1 Y_3600	ppm	0.0938	0.0008	0.8145	0.0944	0.0933
Zn2062	206.200	{4 In2306	ppm	0.5023	0.0158	3.147	0.4912	0.5135

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.343	0.66414	1.3459	49.813	48.874
In2306	230.606	{4 Cts/S	8994.1	166.28	1.8488	9111.7	8876.5
Y_2243	224.306	{4 Cts/S	12421	211.68	1.7042	12570	12271
Y_3600	360.073	{ 9 Cts/S	103930	751.03	0.72264	103400	104460
Y_3710	371.030	{ 9 Cts/S	6806.9	138.98	2.0417	6905.2	6708.6

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0	34.55	0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.0402	0.022	54.81	0.0558	0.0246
As1890	189.042	{4 Y_2243	ppm	-0.0022	0.0009	40.26	-0.0016	-0.0028
B_2496	249.678	{1 Y_3710	ppm	0.0025	0.004	164.5	0.0053	-0.0004
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0002	53.1	-0.0002	-0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	372.2	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.013	0.0099	76.56	-0.02	-0.0059
Ca3181	318.128	{1 In2306	ppm	0.0381	0.0479	125.6	0.0719	0.0043
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0.0003	104.1	0.0001	0.0005
Co2286	228.616	{4 In2306	ppm	0.0002	0.0002	87.34	0.0001	0.0003
Cr2677	267.716	{1 Y_3600	ppm	-0.0006	0.0002	24.25	-0.0007	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0001	38.81	0.0002	0.0001
Fe2404	240.488	{1 In2306	ppm	0.0112	0.0208	185.2	0.026	-0.0035
K_7664	766.490	{ 4 Y_3710	ppm	-0.009	0.0183	203.3	-0.0219	0.0039
K_7698	769.896	{ 4 Y_3710	ppm	0.1025	0.0711	69.36	0.1528	0.0522
Li6707	670.784	{ 5 Y_3710	ppm	0.0006	0.0005	75.06	0.0003	0.001
Mg2790	279.079	{1 Y_3710	ppm	-0.0261	0.0178	68.42	-0.0135	-0.0387
Mn2576	257.610	{1 Y_3600	ppm	0.0002	0	12.8	0.0002	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0008	0.0015	190.7	0.0003	-0.0019
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0002	63.67	0.0002	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	0.0358	0.009	25.14	0.0422	0.0294
Na8183	818.326	{ 4 Y_3710	ppm	0.2505	0.0437	17.44	0.2196	0.2814
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0008	307.6	-0.0003	0.0008
P_1782	178.284	{4 In2306	ppm	0.0041	0.0053	128.9	0.0004	0.0078
Pb2203	220.353	{4 In2306	ppm	0.0336	0.0443	132.1	0.0022	0.0649
S_1820	182.034	{4 Y_2243	ppm	-15.71	19.03	121.2	-2.25	-29.16
Sb2068	206.833	{4 Y_2243	ppm	0.0018	0.0006	34.9	0.0013	0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0012	154.7	-0.0016	0.0001
Si2516	251.611	{1 Y_3710	ppm	0.0373	0.0428	114.7	0.0676	0.007
Sn1899	189.989	{4 In2306	ppm	0.0052	0.0055	104.4	0.0014	0.0091
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0002	444	0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0001	0.0005	399.1	0.0005	-0.0002
Tl1908	190.856	{4 In2306	ppm	-0.0009	0.0005	51.18	-0.0006	-0.0013
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0002	325.4	0.0001	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0033	0.002	61.76	0.0019	0.0048

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.63	3.2098	6.6005	46.36	50.899
In2306	230.606	{4 Cts/S	10461	213.55	2.0415	10612	10310
Y_2243	224.306	{4 Cts/S	13225	284.57	2.1517	13426	13024
Y_3600	360.073	{ 9 Cts/S	114820	89.825	0.07823	114750	114880
Y_3710	371.030	{ 9 Cts/S	6906	470.75	6.8166	6573.1	7238.9

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.494	0.0013	0.2584	0.4931	0.4949
Al3082	308.215	{1 In2306	ppm	10.43	0.8123	7.79	9.853	11
As1890	189.042	{4 Y_2243	ppm	0.9631	0.0117	1.219	0.9714	0.9548
B_2496	249.678	{1 Y_3710	ppm	1.02	0.0786	7.704	0.9642	1.075
Ba4554	455.403	{ 7 Y_3710	ppm	1.04	0.0903	8.687	0.9757	1.103
Be3130	313.042	{1 Y_3710	ppm	0.51	0.0415	8.137	0.4807	0.5394
Ca3158	315.887	{1 In2306	ppm	9.84	0.6364	6.468	9.39	10.29
Ca3181	318.128	{1 In2306	ppm	9.79	0.7588	7.75	9.253	10.33
Cd2288	228.802	{4 Y_2243	ppm	0.4742	0.0068	1.441	0.479	0.4693
Co2286	228.616	{4 In2306	ppm	0.9515	0.0123	1.289	0.9602	0.9429
Cr2677	267.716	{1 Y_3600	ppm	0.9619	0	0.0046	0.9618	0.9619
Cu3247	324.754	{1 Y_3600	ppm	0.9805	0.0038	0.3904	0.9832	0.9778
Fe2404	240.488	{1 In2306	ppm	9.9	0.6899	6.969	9.413	10.39
K_7664	766.490	{ 4 Y_3710	ppm	11.65	1.174	10.08	10.82	12.48
K_7698	769.896	{ 4 Y_3710	ppm	10.98	1.107	10.09	10.19	11.76
Li6707	670.784	{ 5 Y_3710	ppm	0.5848	0.0664	11.36	0.5378	0.6317
Mg2790	279.079	{1 Y_3710	ppm	9.681	0.7871	8.131	9.125	10.24
Mn2576	257.610	{1 Y_3600	ppm	0.9544	0.0022	0.2354	0.9529	0.956
Mn2576-2	257.610	{1 Y_3710	ppm	0.9908	0.0712	7.191	0.9404	1.041
Mo2020	202.030	{4 Y_2243	ppm	0.9887	0.0161	1.631	1	0.9773
Na5895	589.592	{ 5 Y_3710	ppm	11.49	1.199	10.43	10.64	12.34
Na8183	818.326	{ 4 Y_3710	ppm	10.53	0.8131	7.718	9.959	11.11
Ni2316	231.604	{4 In2306	ppm	0.9597	0.0121	1.261	0.9682	0.9511
P_1782	178.284	{4 In2306	ppm	0.0003	0.0014	562.7	-0.0008	0.0013
Pb2203	220.353	{4 In2306	ppm	0.9558	0.01	1.042	0.9628	0.9487
S_1820	182.034	{4 Y_2243	ppm	0.5087	0.3949	77.64	0.7879	0.2294
Sb2068	206.833	{4 Y_2243	ppm	0.9547	0.0165	1.724	0.9664	0.9431
Se1960	196.090	{4 Y_2243	ppm	0.9885	0.0113	1.143	0.9965	0.9805
Si2516	251.611	{1 Y_3710	ppm	0.9304	0.0995	10.7	0.86	1.001
Sn1899	189.989	{4 In2306	ppm	0.9853	0.0135	1.366	0.9948	0.9758
Sr4215	421.552	{ 8 Y_3710	ppm	0.5282	0.0451	8.548	0.4963	0.5601
Ti3349	334.904	{1 Y_3600	ppm	0.9885	0.003	0.3074	0.9863	0.9906
Tl1908	190.856	{4 In2306	ppm	0.9932	0.014	1.414	1.003	0.9832
V_2924	292.402	{1 Y_3600	ppm	0.9398	0.0028	0.3024	0.9378	0.9418
Zn2062	206.200	{4 In2306	ppm	0.9271	0.0106	1.146	0.9347	0.9196

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.298	2.9442	6.0959	50.379	46.216
In2306	230.606	{4 Cts/S	9734.5	96.494	0.99125	9666.3	9802.8
Y_2243	224.306	{4 Cts/S	12802	148.3	1.1584	12697	12907
Y_3600	360.073	{ 9 Cts/S	109580	24.958	0.02278	109560	109590
Y_3710	371.030	{ 9 Cts/S	6709.7	458.79	6.8377	7034.2	6385.3

[Sample Header]
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:21:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0004	398.5	0.0004	-0.0002
Al3082	308.215	{1 In2306	ppm	0.0971	0.0371	38.22	0.0709	0.1233
As1890	189.042	{4 Y_2243	ppm	0.0081	0.0062	77.16	0.0037	0.0125
B_2496	249.678	{1 Y_3710	ppm	0.2755	0.0173	6.283	0.2632	0.2877
Ba4554	455.403	{ 7 Y_3710	ppm	0.1658	0.0136	8.205	0.1562	0.1755
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	10.64	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	64.26	5.643	8.781	60.27	68.25
Ca3181	318.128	{1 In2306	ppm	63.64	5.617	8.825	59.67	67.61
Cd2288	228.802	{4 Y_2243	ppm	0.0027	0.0032	121.2	0.0004	0.005
Co2286	228.616	{4 In2306	ppm	0.0064	0.0068	106.1	0.0016	0.0112
Cr2677	267.716	{1 Y_3600	ppm	0.0005	0.0003	53.28	0.0007	0.0003
Cu3247	324.754	{1 Y_3600	ppm	0.0033	0.0002	5.834	0.0031	0.0034
Fe2404	240.488	{1 In2306	ppm	0.0362	0.0075	20.69	0.0415	0.0309
K_7664	766.490	{ 4 Y_3710	ppm	25.51	1.897	7.435	24.17	26.86
K_7698	769.896	{ 4 Y_3710	ppm	24.82	1.868	7.527	23.5	26.14
Li6707	670.784	{ 5 Y_3710	ppm	0.0283	0.0029	10.32	0.0262	0.0304
Mg2790	279.079	{1 Y_3710	ppm	20.83	1.679	8.063	19.64	22.01
Mn2576	257.610	{1 Y_3600	ppm	0.0251	0.0001	0.2472	0.0251	0.025
Mn2576-2	257.610	{1 Y_3710	ppm	0.0248	0.0029	11.57	0.0228	0.0269
Mo2020	202.030	{4 Y_2243	ppm	0.2194	0.0066	3.026	0.2147	0.2241
Na5895	589.592	{ 5 Y_3710	ppm	389.2	37.23	9.566	362.8	415.5
Na8183	818.326	{ 4 Y_3710	ppm	433.6	34.27	7.903	409.4	457.8
Ni2316	231.604	{4 In2306	ppm	0.0214	0.0063	29.57	0.0169	0.0258
P_1782	178.284	{4 In2306	ppm	0.1245	0.0019	1.502	0.1258	0.1232
Pb2203	220.353	{4 In2306	ppm	0.0055	0.0049	90.64	0.002	0.0089
S_1820	182.034	{4 Y_2243	ppm	-42180	112.6	0.2668	-42260	-42100
Sb2068	206.833	{4 Y_2243	ppm	0.0252	0.007	27.71	0.0203	0.0301
Se1960	196.090	{4 Y_2243	ppm	0.007	0.0052	74.5	0.0033	0.0107
Si2516	251.611	{1 Y_3710	ppm	3.611	0.3567	9.879	3.358	3.863
Sn1899	189.989	{4 In2306	ppm	0.0082	0.0079	97.21	0.0026	0.0138
Sr4215	421.552	{ 8 Y_3710	ppm	0.8835	0.0719	8.14	0.8327	0.9344
Ti3349	334.904	{1 Y_3600	ppm	0.0026	0.0001	3.803	0.0027	0.0026
Tl1908	190.856	{4 In2306	ppm	0.0053	0.0087	163.9	-0.0008	0.0114
V_2924	292.402	{1 Y_3600	ppm	0.0081	0	0.448	0.0081	0.0081
Zn2062	206.200	{4 In2306	ppm	0.0197	0.0064	32.51	0.0152	0.0243

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.954	3.7006	7.5593	51.571	46.337
In2306	230.606	{4 Cts/S	8290.6	31.558	0.38064	8313	8268.3
Y_2243	224.306	{4 Cts/S	11625	73.628	0.63334	11677	11573
Y_3600	360.073	{ 9 Cts/S	97453	22.776	0.02337	97469	97437
Y_3710	371.030	{ 9 Cts/S	6965.4	449.83	6.4581	7283.5	6647.3

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0004	115.6	0.0001	0.0006
Al3082	308.215	{1 In2306	ppm	-0.0216	0.0191	88.24	-0.0351	-0.0081
As1890	189.042	{4 Y_2243	ppm	0.0024	0.0008	35.38	0.0018	0.003
B_2496	249.678	{1 Y_3710	ppm	0.2569	0.0229	8.898	0.2408	0.2731
Ba4554	455.403	{ 7 Y_3710	ppm	0.1606	0.0041	2.529	0.1577	0.1635
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0002	265.5	-0.0001	0.0002
Ca3158	315.887	{1 In2306	ppm	60.9	1.524	2.502	59.82	61.98
Ca3181	318.128	{1 In2306	ppm	60	1.392	2.319	59.02	60.99
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0.0003	99.97	0.0001	0.0005
Co2286	228.616	{4 In2306	ppm	0.0014	0.0004	32.57	0.0011	0.0017
Cr2677	267.716	{1 Y_3600	ppm	0.0003	0.0002	73.51	0.0005	0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.003	0.0003	8.794	0.0032	0.0028
Fe2404	240.488	{1 In2306	ppm	0.0353	0.0128	36.27	0.0444	0.0263
K_7664	766.490	{ 4 Y_3710	ppm	24.86	0.825	3.319	24.28	25.44
K_7698	769.896	{ 4 Y_3710	ppm	24.1	0.9447	3.919	23.44	24.77
Li6707	670.784	{ 5 Y_3710	ppm	0.0273	0.0016	5.884	0.0262	0.0284
Mg2790	279.079	{1 Y_3710	ppm	19.85	0.4919	2.479	19.5	20.19
Mn2576	257.610	{1 Y_3600	ppm	0.0236	0.0001	0.4183	0.0235	0.0236
Mn2576-2	257.610	{1 Y_3710	ppm	0.0234	0.0016	6.881	0.0245	0.0222
Mo2020	202.030	{4 Y_2243	ppm	0.2014	0.0045	2.251	0.2046	0.1982
Na5895	589.592	{ 5 Y_3710	ppm	370.4	6.407	1.73	365.9	375
Na8183	818.326	{ 4 Y_3710	ppm	420.6	12.61	2.999	411.7	429.5
Ni2316	231.604	{4 In2306	ppm	0.0149	0.0003	1.753	0.0148	0.0151
P_1782	178.284	{4 In2306	ppm	0.1164	0.0028	2.415	0.1184	0.1144
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0013	184.2	-0.0002	0.0016
S_1820	182.034	{4 Y_2243	ppm	-39890	1123	2.814	-40690	-39100
Sb2068	206.833	{4 Y_2243	ppm	0.0092	0.002	21.96	0.0078	0.0106
Se1960	196.090	{4 Y_2243	ppm	0.0014	0.0011	77.28	0.0006	0.0022
Si2516	251.611	{1 Y_3710	ppm	3.476	0.0763	2.195	3.422	3.53
Sn1899	189.989	{4 In2306	ppm	0.0008	0.0003	40.14	0.0006	0.001
Sr4215	421.552	{ 8 Y_3710	ppm	0.8577	0.0228	2.653	0.8416	0.8738
Ti3349	334.904	{1 Y_3600	ppm	0.001	0.0003	28.95	0.0013	0.0008
Tl1908	190.856	{4 In2306	ppm	-0.0002	0.001	489.8	-0.0009	0.0005
V_2924	292.402	{1 Y_3600	ppm	0.0073	0.0004	5.443	0.007	0.0076
Zn2062	206.200	{4 In2306	ppm	0.0126	0.0003	2.423	0.0124	0.0128

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.124	0.9336	1.9005	49.784	48.464
In2306	230.606	{4 Cts/S	8407.2	177.54	2.1118	8281.6	8532.7
Y_2243	224.306	{4 Cts/S	11778	261.95	2.224	11593	11963
Y_3600	360.073	{ 9 Cts/S	98795	373.88	0.37844	99059	98531
Y_3710	371.030	{ 9 Cts/S	6864	122.71	1.7877	6950.8	6777.3

[Sample Header]
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Comment=
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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:26:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5106	0.002	0.3986	0.5092	0.512
Al3082	308.215	{1 In2306	ppm	10.16	0.1523	1.499	10.05	10.27
As1890	189.042	{4 Y_2243	ppm	0.9879	0.0063	0.6381	0.9924	0.9835
B_2496	249.678	{1 Y_3710	ppm	1.235	0.0062	0.4999	1.239	1.23
Ba4554	455.403	{ 7 Y_3710	ppm	1.141	0.0013	0.1123	1.141	1.14
Be3130	313.042	{1 Y_3710	ppm	0.4702	0.0006	0.133	0.4697	0.4706
Ca3158	315.887	{1 In2306	ppm	73.34	0.441	0.6014	73.03	73.65
Ca3181	318.128	{1 In2306	ppm	72.73	0.1548	0.2129	72.62	72.84
Cd2288	228.802	{4 Y_2243	ppm	0.4764	0.0028	0.5847	0.4784	0.4744
Co2286	228.616	{4 In2306	ppm	0.9534	0.0047	0.4879	0.9567	0.9502
Cr2677	267.716	{1 Y_3600	ppm	0.9091	0.0008	0.0905	0.9085	0.9096
Cu3247	324.754	{1 Y_3600	ppm	0.9717	0.0059	0.6052	0.9676	0.9759
Fe2404	240.488	{1 In2306	ppm	9.663	0.0975	1.009	9.594	9.732
K_7664	766.490	{ 4 Y_3710	ppm	36.06	0.1366	0.3788	35.96	36.15
K_7698	769.896	{ 4 Y_3710	ppm	35.15	0.0215	0.0611	35.16	35.13
Li6707	670.784	{ 5 Y_3710	ppm	0.5518	0.0037	0.6653	0.5492	0.5544
Mg2790	279.079	{1 Y_3710	ppm	29.81	0.0305	0.1023	29.84	29.79
Mn2576	257.610	{1 Y_3600	ppm	0.9296	0.0033	0.3519	0.9273	0.932
Mn2576-2	257.610	{1 Y_3710	ppm	0.9501	0.0012	0.129	0.9492	0.951
Mo2020	202.030	{4 Y_2243	ppm	1.14	0.0074	0.649	1.145	1.134
Na5895	589.592	{ 5 Y_3710	ppm	395.7	0.9584	0.2422	396.4	395
Na8183	818.326	{ 4 Y_3710	ppm	441.7	0.2636	0.0597	441.8	441.5
Ni2316	231.604	{4 In2306	ppm	0.9699	0.0044	0.4558	0.973	0.9667
P_1782	178.284	{4 In2306	ppm	0.1194	0.0008	0.6426	0.1188	0.1199
Pb2203	220.353	{4 In2306	ppm	0.9338	0.0007	0.0707	0.9343	0.9334
S_1820	182.034	{4 Y_2243	ppm	-40520	12.24	0.0302	-40510	-40530
Sb2068	206.833	{4 Y_2243	ppm	0.9652	0.0081	0.8432	0.971	0.9595
Se1960	196.090	{4 Y_2243	ppm	1.023	0.0048	0.4736	1.027	1.02
Si2516	251.611	{1 Y_3710	ppm	4.481	0.0276	0.6153	4.461	4.5
Sn1899	189.989	{4 In2306	ppm	0.9819	0.0037	0.3761	0.9845	0.9793
Sr4215	421.552	{ 8 Y_3710	ppm	1.366	0.0009	0.0655	1.367	1.365
Ti3349	334.904	{1 Y_3600	ppm	0.9574	0.0001	0.0139	0.9575	0.9573
Tl1908	190.856	{4 In2306	ppm	0.9253	0.0069	0.7475	0.9302	0.9204
V_2924	292.402	{1 Y_3600	ppm	0.9197	0.0081	0.8769	0.914	0.9254
Zn2062	206.200	{4 In2306	ppm	0.9774	0.0044	0.4532	0.9805	0.9743

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.501	0.61764	1.3003	47.938	47.064
In2306	230.606	{4 Cts/S	8276.6	0.09767	0.00118	8276.5	8276.7
Y_2243	224.306	{4 Cts/S	11759	8.5788	0.07295	11753	11765
Y_3600	360.073	{ 9 Cts/S	98473	364.7	0.37036	98731	98215
Y_3710	371.030	{ 9 Cts/S	6813.3	18.089	0.2655	6826.1	6800.5

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:29:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2412	0.0024	1.004	0.2394	0.2429
Al3082	308.215	{1 In2306	ppm	2.406	0.0534	2.217	2.369	2.444
As1890	189.042	{4 Y_2243	ppm	0.4767	0.0002	0.0383	0.4766	0.4769
B_2496	249.678	{1 Y_3710	ppm	0.467	0.0132	2.831	0.4577	0.4764
Ba4554	455.403	{ 7 Y_3710	ppm	0.4786	0.013	2.71	0.4695	0.4878
Be3130	313.042	{1 Y_3710	ppm	0.4769	0.0126	2.641	0.468	0.4858
Ca3158	315.887	{1 In2306	ppm	11.38	0.3771	3.314	11.11	11.65
Ca3181	318.128	{1 In2306	ppm	11.3	0.4538	4.015	10.98	11.62
Cd2288	228.802	{4 Y_2243	ppm	0.4693	0.0012	0.2596	0.4701	0.4684
Co2286	228.616	{4 In2306	ppm	0.4748	0.0007	0.1507	0.4743	0.4753
Cr2677	267.716	{1 Y_3600	ppm	0.4826	0.0032	0.6593	0.4804	0.4849
Cu3247	324.754	{1 Y_3600	ppm	0.4807	0.0066	1.364	0.4761	0.4853
Fe2404	240.488	{1 In2306	ppm	2.288	0.0648	2.831	2.242	2.334
K_7664	766.490	{ 4 Y_3710	ppm	13.15	0.3116	2.37	12.93	13.37
K_7698	769.896	{ 4 Y_3710	ppm	12.53	0.3254	2.597	12.3	12.76
Li6707	670.784	{ 5 Y_3710	ppm	0.5148	0.0124	2.415	0.506	0.5236
Mg2790	279.079	{1 Y_3710	ppm	4.534	0.1454	3.206	4.431	4.637
Mn2576	257.610	{1 Y_3600	ppm	0.4781	0.0051	1.066	0.4745	0.4817
Mn2576-2	257.610	{1 Y_3710	ppm	0.4625	0.0146	3.155	0.4522	0.4728
Mo2020	202.030	{4 Y_2243	ppm	0.4954	0.0008	0.1699	0.496	0.4948
Na5895	589.592	{ 5 Y_3710	ppm	12.96	0.3189	2.461	12.73	13.19
Na8183	818.326	{ 4 Y_3710	ppm	12.14	0.1594	1.313	12.03	12.25
Ni2316	231.604	{4 In2306	ppm	0.4813	0.0004	0.087	0.481	0.4816
P_1782	178.284	{4 In2306	ppm	0.0001	0.0008	1268	0.0007	-0.0005
Pb2203	220.353	{4 In2306	ppm	0.4786	0.0007	0.1497	0.4791	0.4781
S_1820	182.034	{4 Y_2243	ppm	-302.5	22.88	7.564	-286.4	-318.7
Sb2068	206.833	{4 Y_2243	ppm	0.4904	0.0014	0.2895	0.4914	0.4894
Se1960	196.090	{4 Y_2243	ppm	0.4918	0.0021	0.4329	0.4933	0.4903
Si2516	251.611	{1 Y_3710	ppm	0.8706	0.0289	3.317	0.8502	0.891
Sn1899	189.989	{4 In2306	ppm	0.4926	0	0.0009	0.4926	0.4926
Sr4215	421.552	{ 8 Y_3710	ppm	0.2454	0.0061	2.502	0.2411	0.2498
Ti3349	334.904	{1 Y_3600	ppm	0.499	0.0033	0.661	0.4967	0.5013
Tl1908	190.856	{4 In2306	ppm	0.5008	0.0023	0.4609	0.5024	0.4992
V_2924	292.402	{1 Y_3600	ppm	0.4666	0.0061	1.297	0.4624	0.4709
Zn2062	206.200	{4 In2306	ppm	0.4687	0.0005	0.1034	0.4684	0.469

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.404	1.3	2.5289	52.323	50.485
In2306	230.606	{4 Cts/S	9744.4	5.1367	0.05271	9748	9740.7
Y_2243	224.306	{4 Cts/S	12810	0.83579	0.00652	12810	12811
Y_3600	360.073	{ 9 Cts/S	109130	1053.8	0.96568	109870	108380
Y_3710	371.030	{ 9 Cts/S	7005.8	122.73	1.7518	7092.6	6919

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Custom ID1=
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Custom ID3=
Run Time=1/14/2012 13:31:46
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0004	7.438	0.0046	0.0051
Al3082	308.215	{1 In2306	ppm	0.0633	0.0624	98.61	0.0191	0.1074
As1890	189.042	{4 Y_2243	ppm	0.0086	0.0005	5.954	0.0082	0.0089
B_2496	249.678	{1 Y_3710	ppm	0.006	0.0037	61.69	0.0087	0.0034
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0.0002	1.843	0.0093	0.0096
Be3130	313.042	{1 Y_3710	ppm	0.0047	0.0001	1.558	0.0047	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0737	0.0176	23.94	0.0612	0.0862
Ca3181	318.128	{1 In2306	ppm	0.1258	0.0115	9.102	0.1339	0.1177
Cd2288	228.802	{4 Y_2243	ppm	0.0053	0.0006	11.39	0.0048	0.0057
Co2286	228.616	{4 In2306	ppm	0.0098	0.0006	5.764	0.0094	0.0102
Cr2677	267.716	{1 Y_3600	ppm	0.0091	0.0003	3.669	0.0089	0.0093
Cu3247	324.754	{1 Y_3600	ppm	0.0095	0.0006	6.265	0.0099	0.0091
Fe2404	240.488	{1 In2306	ppm	0.0918	0.0015	1.639	0.0929	0.0907
K_7664	766.490	{ 4 Y_3710	ppm	0.648	0.02	3.082	0.6621	0.6338
K_7698	769.896	{ 4 Y_3710	ppm	0.7551	0.0045	0.5906	0.7582	0.7519
Li6707	670.784	{ 5 Y_3710	ppm	0.0095	0.0011	11.8	0.0103	0.0087
Mg2790	279.079	{1 Y_3710	ppm	0.0486	0.0197	40.48	0.0625	0.0347
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0	0.1722	0.0098	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0097	0.0001	1.356	0.0096	0.0098
Mo2020	202.030	{4 Y_2243	ppm	0.0118	0.0011	9.686	0.011	0.0127
Na5895	589.592	{ 5 Y_3710	ppm	0.6642	0.0001	0.0152	0.6642	0.6643
Na8183	818.326	{ 4 Y_3710	ppm	0.7527	0.0048	0.6365	0.756	0.7493
Ni2316	231.604	{4 In2306	ppm	0.0104	0.0005	4.866	0.01	0.0107
P_1782	178.284	{4 In2306	ppm	0.0089	0.0001	0.939	0.009	0.0088
Pb2203	220.353	{4 In2306	ppm	0.01	0.0005	5.151	0.0097	0.0104
S_1820	182.034	{4 Y_2243	ppm	-4.276	0.386	9.026	-4.549	-4.003
Sb2068	206.833	{4 Y_2243	ppm	0.0209	0.0006	2.816	0.0204	0.0213
Se1960	196.090	{4 Y_2243	ppm	0.0103	0.0008	7.567	0.0109	0.0098
Si2516	251.611	{1 Y_3710	ppm	0.0241	0.0238	98.49	0.041	0.0073
Sn1899	189.989	{4 In2306	ppm	0.0107	0.0006	6.033	0.0102	0.0111
Sr4215	421.552	{ 8 Y_3710	ppm	0.0046	0.0002	5.165	0.0045	0.0048
Ti3349	334.904	{1 Y_3600	ppm	0.0108	0.0003	3.189	0.011	0.0105
Tl1908	190.856	{4 In2306	ppm	0.0106	0.0016	15.05	0.0095	0.0117
V_2924	292.402	{1 Y_3600	ppm	0.0091	0.0001	1.168	0.009	0.0092
Zn2062	206.200	{4 In2306	ppm	0.0097	0.0006	6.012	0.0093	0.0101

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.184	1.3622	2.6104	53.147	51.221
In2306	230.606	{4 Cts/S	10241	92.399	0.90224	10176	10306
Y_2243	224.306	{4 Cts/S	12932	105.17	0.81328	12858	13006
Y_3600	360.073	{ 9 Cts/S	113440	181.83	0.16029	113310	113570
Y_3710	371.030	{ 9 Cts/S	7057.2	34.437	0.48797	7081.5	7032.8

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:34:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0004	0.0004	123.5	0	0.0007
Al3082	308.215	{1 In2306	ppm	-0.0239	0.04	167.4	-0.0521	0.0044
As1890	189.042	{4 Y_2243	ppm	-0.0009	0.0016	183.3	0.0003	-0.002
B_2496	249.678	{1 Y_3710	ppm	-0.0117	0.0145	123.3	-0.022	-0.0015
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0	23	-0.0001	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	222.1	0	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0051	0.0062	120.9	-0.0007	-0.0095
Ca3181	318.128	{1 In2306	ppm	0.0238	0.1056	442.9	-0.0508	0.0985
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	39.5	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0	0	167	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0003	70.13	-0.0006	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0002	200.2	0.0002	0
Fe2404	240.488	{1 In2306	ppm	0.0321	0.0078	24.36	0.0266	0.0376
K_7664	766.490	{ 4 Y_3710	ppm	0.0184	0.0216	117.4	0.0337	0.0031
K_7698	769.896	{ 4 Y_3710	ppm	0.1824	0.0535	29.34	0.1446	0.2203
Li6707	670.784	{ 5 Y_3710	ppm	0.0001	0	41.06	0.0001	0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.0515	0.0853	165.5	-0.1118	0.0088
Mn2576	257.610	{1 Y_3600	ppm	0	0	47.74	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0012	0.0005	41.82	-0.0008	-0.0015
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0	6.795	0.0004	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.0457	0.0019	4.071	0.0444	0.047
Na8183	818.326	{ 4 Y_3710	ppm	0.4317	0.0354	8.203	0.4568	0.4067
Ni2316	231.604	{4 In2306	ppm	0.0003	0.0001	33.61	0.0003	0.0002
P_1782	178.284	{4 In2306	ppm	0.0003	0.0002	64.97	0.0001	0.0004
Pb2203	220.353	{4 In2306	ppm	0.001	0.001	103.4	0.0003	0.0017
S_1820	182.034	{4 Y_2243	ppm	-2.536	0.5302	20.91	-2.911	-2.161
Sb2068	206.833	{4 Y_2243	ppm	0.002	0.0002	11.61	0.0019	0.0022
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0003	44.65	-0.001	-0.0005
Si2516	251.611	{1 Y_3710	ppm	0.0215	0.0184	85.66	0.0085	0.0346
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	186.3	0.0002	0
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	38.31	-0.0001	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0001	0.0003	178.2	0	-0.0003
Tl1908	190.856	{4 In2306	ppm	-0.0003	0.0005	147.4	-0.0007	0
V_2924	292.402	{1 Y_3600	ppm	-0.0005	0	6.96	-0.0004	-0.0005
Zn2062	206.200	{4 In2306	ppm	0	0.0001	725.3	0.0001	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.868	1.3543	2.7158	50.826	48.911
In2306	230.606	{4 Cts/S	10236	260.23	2.5422	10052	10420
Y_2243	224.306	{4 Cts/S	12867	341.71	2.6558	12625	13108
Y_3600	360.073	{ 9 Cts/S	112390	2918.6	2.5967	114460	110330
Y_3710	371.030	{ 9 Cts/S	6909.1	119.87	1.7349	6993.8	6824.3

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:37:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5088	0.0052	1.031	0.5125	0.5051
Al3082	308.215	{1 In2306	ppm	9.298	0.377	4.055	9.565	9.032
As1890	189.042	{4 Y_2243	ppm	1.003	0.0022	0.2155	1.002	1.005
B_2496	249.678	{1 Y_3710	ppm	1.212	0.0195	1.612	1.198	1.226
Ba4554	455.403	{ 7 Y_3710	ppm	1.137	0.0058	0.512	1.141	1.133
Be3130	313.042	{1 Y_3710	ppm	0.4686	0.0004	0.09	0.4683	0.4689
Ca3158	315.887	{1 In2306	ppm	66.25	1.349	2.036	67.21	65.3
Ca3181	318.128	{1 In2306	ppm	65.43	1.644	2.512	66.6	64.27
Cd2288	228.802	{4 Y_2243	ppm	0.4808	0.0001	0.0184	0.4807	0.4809
Co2286	228.616	{4 In2306	ppm	0.9671	0.0013	0.1313	0.9662	0.968
Cr2677	267.716	{1 Y_3600	ppm	0.9052	0.0012	0.1318	0.9061	0.9044
Cu3247	324.754	{1 Y_3600	ppm	0.9646	0.0154	1.599	0.9755	0.9537
Fe2404	240.488	{1 In2306	ppm	8.798	0.2332	2.65	8.963	8.633
K_7664	766.490	{ 4 Y_3710	ppm	36.28	0.024	0.0661	36.26	36.29
K_7698	769.896	{ 4 Y_3710	ppm	35.14	0.0071	0.0203	35.14	35.15
Li6707	670.784	{ 5 Y_3710	ppm	0.5582	0.0014	0.2475	0.5592	0.5572
Mg2790	279.079	{1 Y_3710	ppm	29.24	0.2118	0.7244	29.09	29.39
Mn2576	257.610	{1 Y_3600	ppm	0.9281	0.0008	0.0853	0.9287	0.9276
Mn2576-2	257.610	{1 Y_3710	ppm	0.9438	0.0115	1.219	0.9357	0.9519
Mo2020	202.030	{4 Y_2243	ppm	1.152	0.0021	0.1791	1.153	1.15
Na5895	589.592	{ 5 Y_3710	ppm	398	7.109	1.786	403	393
Na8183	818.326	{ 4 Y_3710	ppm	438.5	0.5332	0.1216	438.1	438.9
Ni2316	231.604	{4 In2306	ppm	0.9884	0.002	0.198	0.9898	0.987
P_1782	178.284	{4 In2306	ppm	0.1198	0.0003	0.2226	0.1196	0.12
Pb2203	220.353	{4 In2306	ppm	0.949	0.0051	0.541	0.9454	0.9527
S_1820	182.034	{4 Y_2243	ppm	-40700	43.1	0.1059	-40670	-40730
Sb2068	206.833	{4 Y_2243	ppm	0.9804	0.0054	0.5519	0.9843	0.9766
Se1960	196.090	{4 Y_2243	ppm	1.039	0.0053	0.5085	1.036	1.043
Si2516	251.611	{1 Y_3710	ppm	4.416	0.0106	0.2408	4.424	4.409
Sn1899	189.989	{4 In2306	ppm	1.001	0.0021	0.2054	1.002	0.9992
Sr4215	421.552	{ 8 Y_3710	ppm	1.358	0.0022	0.1591	1.36	1.357
Ti3349	334.904	{1 Y_3600	ppm	0.9484	0.0035	0.3694	0.9509	0.946
Tl1908	190.856	{4 In2306	ppm	0.9365	0.0042	0.4525	0.9395	0.9335
V_2924	292.402	{1 Y_3600	ppm	0.913	0.0074	0.8067	0.9182	0.9078
Zn2062	206.200	{4 In2306	ppm	0.9902	0.002	0.2047	0.9888	0.9916

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.655	1.5699	3.0391	50.545	52.765
In2306	230.606	{4 Cts/S	8143.5	16.44	0.20188	8155.1	8131.9
Y_2243	224.306	{4 Cts/S	11580	30.92	0.26702	11601	11558
Y_3600	360.073	{ 9 Cts/S	98884	426.32	0.43113	98583	99186
Y_3710	371.030	{ 9 Cts/S	6822.3	31.342	0.45941	6844.4	6800.1

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:39:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5001	0.0048	0.961	0.5035	0.4967
Al3082	308.215	{1 In2306	ppm	9.891	0.365	3.691	10.15	9.633
As1890	189.042	{4 Y_2243	ppm	0.998	0.0105	1.057	1.005	0.9905
B_2496	249.678	{1 Y_3710	ppm	1.228	0.0774	6.3	1.283	1.173
Ba4554	455.403	{ 7 Y_3710	ppm	1.146	0.076	6.633	1.2	1.093
Be3130	313.042	{1 Y_3710	ppm	0.4654	0.0346	7.426	0.4898	0.4409
Ca3158	315.887	{1 In2306	ppm	71.15	2.335	3.282	72.8	69.5
Ca3181	318.128	{1 In2306	ppm	70.64	2.563	3.629	72.45	68.83
Cd2288	228.802	{4 Y_2243	ppm	0.477	0.0028	0.5918	0.479	0.4751
Co2286	228.616	{4 In2306	ppm	0.9487	0.0083	0.8733	0.9546	0.9429
Cr2677	267.716	{1 Y_3600	ppm	0.9058	0.0129	1.426	0.915	0.8967
Cu3247	324.754	{1 Y_3600	ppm	0.9593	0.0081	0.8472	0.965	0.9535
Fe2404	240.488	{1 In2306	ppm	9.165	0.444	4.845	9.479	8.851
K_7664	766.490	{ 4 Y_3710	ppm	36.93	2.557	6.924	38.74	35.13
K_7698	769.896	{ 4 Y_3710	ppm	35.89	2.493	6.945	37.65	34.13
Li6707	670.784	{ 5 Y_3710	ppm	1.093	0.0755	6.91	1.147	1.04
Mg2790	279.079	{1 Y_3710	ppm	29.9	1.931	6.458	31.27	28.54
Mn2576	257.610	{1 Y_3600	ppm	0.9353	0.0127	1.363	0.9444	0.9263
Mn2576-2	257.610	{1 Y_3710	ppm	0.9623	0.0725	7.538	1.014	0.911
Mo2020	202.030	{4 Y_2243	ppm	1.138	0.012	1.059	1.146	1.129
Na5895	589.592	{ 5 Y_3710	ppm	401.6	39.87	9.926	429.8	373.4
Na8183	818.326	{ 4 Y_3710	ppm	449.7	29.37	6.531	470.4	428.9
Ni2316	231.604	{4 In2306	ppm	0.9833	0.0104	1.059	0.9907	0.976
P_1782	178.284	{4 In2306	ppm	1.197	0.0179	1.491	1.21	1.184
Pb2203	220.353	{4 In2306	ppm	0.9383	0.0126	1.348	0.9473	0.9294
S_1820	182.034	{4 Y_2243	ppm	-41190	355.8	0.8639	-41440	-40940
Sb2068	206.833	{4 Y_2243	ppm	0.9943	0.0134	1.348	1.004	0.9848
Se1960	196.090	{4 Y_2243	ppm	1.014	0.0066	0.647	1.019	1.009
Si2516	251.611	{1 Y_3710	ppm	4.637	0.3233	6.973	4.865	4.408
Sn1899	189.989	{4 In2306	ppm	0.98	0.0116	1.181	0.9882	0.9718
Sr4215	421.552	{ 8 Y_3710	ppm	1.379	0.0946	6.86	1.446	1.312
Ti3349	334.904	{1 Y_3600	ppm	0.9419	0.0117	1.238	0.9502	0.9337
Tl1908	190.856	{4 In2306	ppm	0.9192	0.0109	1.183	0.9269	0.9115
V_2924	292.402	{1 Y_3600	ppm	0.9014	0.0106	1.172	0.9089	0.8939
Zn2062	206.200	{4 In2306	ppm	0.9839	0.0118	1.197	0.9923	0.9756

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.626	1.1614	2.3885	47.805	49.448
In2306	230.606	{4 Cts/S	8166.7	47.749	0.58468	8132.9	8200.4
Y_2243	224.306	{4 Cts/S	11632	40.633	0.34932	11603	11661
Y_3600	360.073	{ 9 Cts/S	98813	743.06	0.75198	98288	99339
Y_3710	371.030	{ 9 Cts/S	6751.1	398.87	5.9083	6469.1	7033.2

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:42:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0008	1128	0.0007	-0.0005
Al3082	308.215	{1 In2306	ppm	0.0087	0.0398	455.4	-0.0194	0.0369
As1890	189.042	{4 Y_2243	ppm	0.0014	0.0033	232.3	-0.0009	0.0038
B_2496	249.678	{1 Y_3710	ppm	0.0565	0.0092	16.34	0.05	0.0631
Ba4554	455.403	{ 7 Y_3710	ppm	0.0341	0.0015	4.327	0.033	0.0351
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	21.61	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	12.62	0.6445	5.105	12.17	13.08
Ca3181	318.128	{1 In2306	ppm	12.6	0.7604	6.037	12.06	13.13
Cd2288	228.802	{4 Y_2243	ppm	0.0012	0.0014	121	0.0002	0.0022
Co2286	228.616	{4 In2306	ppm	0.0025	0.0031	123.2	0.0003	0.0047
Cr2677	267.716	{1 Y_3600	ppm	0.0001	0.0001	118.7	0	0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0009	0.0003	31.82	0.0007	0.0011
Fe2404	240.488	{1 In2306	ppm	0.0146	0.0134	91.77	0.0241	0.0051
K_7664	766.490	{ 4 Y_3710	ppm	5.421	0.1502	2.771	5.315	5.527
K_7698	769.896	{ 4 Y_3710	ppm	5.24	0.1856	3.542	5.109	5.372
Li6707	670.784	{ 5 Y_3710	ppm	0.0064	0.0003	4.491	0.0062	0.0066
Mg2790	279.079	{1 Y_3710	ppm	4.115	0.1313	3.191	4.022	4.207
Mn2576	257.610	{1 Y_3600	ppm	0.0051	0	0.1906	0.0051	0.0051
Mn2576-2	257.610	{1 Y_3710	ppm	0.0033	0.0022	66.25	0.0049	0.0018
Mo2020	202.030	{4 Y_2243	ppm	0.0478	0.004	8.314	0.0449	0.0506
Na5895	589.592	{ 5 Y_3710	ppm	91.22	2.816	3.088	89.23	93.21
Na8183	818.326	{ 4 Y_3710	ppm	89.55	3.025	3.379	87.41	91.69
Ni2316	231.604	{4 In2306	ppm	0.0053	0.0033	61.88	0.003	0.0077
P_1782	178.284	{4 In2306	ppm	0.024	0.0025	10.27	0.0223	0.0258
Pb2203	220.353	{4 In2306	ppm	0.0032	0.0013	40.84	0.0023	0.0041
S_1820	182.034	{4 Y_2243	ppm	-8176	95.86	1.173	-8243	-8108
Sb2068	206.833	{4 Y_2243	ppm	0.0156	0.0043	27.89	0.0125	0.0186
Se1960	196.090	{4 Y_2243	ppm	0.0022	0.0022	97.62	0.0007	0.0038
Si2516	251.611	{1 Y_3710	ppm	0.7559	0.0311	4.112	0.7339	0.7779
Sn1899	189.989	{4 In2306	ppm	0.0039	0.004	102.8	0.0011	0.0068
Sr4215	421.552	{ 8 Y_3710	ppm	0.1833	0.0069	3.74	0.1785	0.1882
Ti3349	334.904	{1 Y_3600	ppm	0.0016	0.0005	31.91	0.0012	0.0019
Tl1908	190.856	{4 In2306	ppm	0.0021	0.0024	113.1	0.0004	0.0037
V_2924	292.402	{1 Y_3600	ppm	0.0014	0.0002	14.32	0.0012	0.0015
Zn2062	206.200	{4 In2306	ppm	0.0073	0.0028	39.27	0.0052	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.818	2.262	4.5405	51.418	48.219
In2306	230.606	{4 Cts/S	9402.9	138.72	1.4752	9304.9	9501
Y_2243	224.306	{4 Cts/S	12525	201.58	1.6093	12383	12668
Y_3600	360.073	{ 9 Cts/S	105620	353.25	0.33445	105370	105870
Y_3710	371.030	{ 9 Cts/S	6822.4	212.23	3.1107	6972.4	6672.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2435	0.0036	1.463	0.241	0.246
Al3082	308.215 {1	In2306	ppm	2.509	0.0206	0.8198	2.524	2.495
As1890	189.042 {4	Y_2243	ppm	0.4803	0.0149	3.095	0.4908	0.4698
B_2496	249.678 {1	Y_3710	ppm	0.464	0.0044	0.948	0.4671	0.4609
Ba4554	455.403 { 7	Y_3710	ppm	0.4864	0.0057	1.176	0.4904	0.4824
Be3130	313.042 {1	Y_3710	ppm	0.4772	0.0033	0.691	0.4795	0.4748
Ca3158	315.887 {1	In2306	ppm	12.15	0.2157	1.775	12.3	12
Ca3181	318.128 {1	In2306	ppm	11.97	0.2093	1.748	12.12	11.83
Cd2288	228.802 {4	Y_2243	ppm	0.4686	0.0111	2.371	0.4764	0.4607
Co2286	228.616 {4	In2306	ppm	0.4744	0.0098	2.062	0.4813	0.4675
Cr2677	267.716 {1	Y_3600	ppm	0.4774	0.0068	1.419	0.4726	0.4821
Cu3247	324.754 {1	Y_3600	ppm	0.4855	0.006	1.232	0.4812	0.4897
Fe2404	240.488 {1	In2306	ppm	2.414	0.0752	3.114	2.467	2.361
K_7664	766.490 { 4	Y_3710	ppm	13.3	0.1415	1.064	13.4	13.2
K_7698	769.896 { 4	Y_3710	ppm	12.55	0.1118	0.8913	12.62	12.47
Li6707	670.784 { 5	Y_3710	ppm	0.5181	0.0056	1.084	0.522	0.5141
Mg2790	279.079 {1	Y_3710	ppm	4.572	0.0022	0.0481	4.573	4.57
Mn2576	257.610 {1	Y_3600	ppm	0.4806	0.0056	1.162	0.4767	0.4846
Mn2576-2	257.610 {1	Y_3710	ppm	0.4704	0.0047	1.003	0.4737	0.467
Mo2020	202.030 {4	Y_2243	ppm	0.4937	0.0132	2.667	0.503	0.4844
Na5895	589.592 { 5	Y_3710	ppm	13	0.124	0.9543	13.08	12.91
Na8183	818.326 { 4	Y_3710	ppm	12.32	0.1677	1.362	12.44	12.2
Ni2316	231.604 {4	In2306	ppm	0.4808	0.0109	2.27	0.4885	0.4731
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0016	173.1	0.0002	-0.0021
Pb2203	220.353 {4	In2306	ppm	0.4772	0.0093	1.952	0.4838	0.4706
S_1820	182.034 {4	Y_2243	ppm	-287.5	4.331	1.506	-290.6	-284.4
Sb2068	206.833 {4	Y_2243	ppm	0.4821	0.012	2.479	0.4906	0.4737
Se1960	196.090 {4	Y_2243	ppm	0.4966	0.0135	2.715	0.5062	0.4871
Si2516	251.611 {1	Y_3710	ppm	0.8728	0.016	1.835	0.8615	0.8841
Sn1899	189.989 {4	In2306	ppm	0.4893	0.0116	2.38	0.4976	0.4811
Sr4215	421.552 { 8	Y_3710	ppm	0.2485	0.0028	1.117	0.2505	0.2465
Ti3349	334.904 {1	Y_3600	ppm	0.4958	0.0059	1.194	0.4916	0.4999
Tl1908	190.856 {4	In2306	ppm	0.4984	0.0085	1.711	0.5045	0.4924
V_2924	292.402 {1	Y_3600	ppm	0.4694	0.0044	0.938	0.4663	0.4725
Zn2062	206.200 {4	In2306	ppm	0.4655	0.0099	2.117	0.4725	0.4585

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.876	1.0678	2.1848	48.121	49.631
In2306	230.606 {4	Cts/S	9684.4	155.7	1.6077	9574.3	9794.5
Y_2243	224.306 {4	Cts/S	12715	242.19	1.9048	12543	12886
Y_3600	360.073 { 9	Cts/S	108860	1015.3	0.93273	109570	108140
Y_3710	371.030 { 9	Cts/S	6999.5	64.92	0.9275	6953.6	7045.4

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Custom ID3=
Run Time=1/14/2012 13:47:19
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0049	0.0001	2.277	0.005	0.0048
Al3082	308.215	{1 In2306	ppm	0.1021	0.0264	25.88	0.1208	0.0834
As1890	189.042	{4 Y_2243	ppm	0.0088	0.0001	1.234	0.0089	0.0088
B_2496	249.678	{1 Y_3710	ppm	0.0061	0.0123	202.5	-0.0026	0.0148
Ba4554	455.403	{ 7 Y_3710	ppm	0.0091	0.0004	4.021	0.0094	0.0088
Be3130	313.042	{1 Y_3710	ppm	0.0046	0.0002	5.275	0.0048	0.0044
Ca3158	315.887	{1 In2306	ppm	0.0697	0.0012	1.657	0.0705	0.0688
Ca3181	318.128	{1 In2306	ppm	0.0751	0.058	77.24	0.1161	0.0341
Cd2288	228.802	{4 Y_2243	ppm	0.0051	0.0004	8.804	0.0047	0.0054
Co2286	228.616	{4 In2306	ppm	0.0096	0.0003	2.703	0.0094	0.0097
Cr2677	267.716	{1 Y_3600	ppm	0.0093	0.0002	2.64	0.0095	0.0091
Cu3247	324.754	{1 Y_3600	ppm	0.0097	0.0001	1.448	0.0098	0.0096
Fe2404	240.488	{1 In2306	ppm	0.0935	0.0057	6.126	0.0976	0.0895
K_7664	766.490	{ 4 Y_3710	ppm	0.7059	0.0172	2.432	0.718	0.6938
K_7698	769.896	{ 4 Y_3710	ppm	0.7913	0.0894	11.29	0.8545	0.7281
Li6707	670.784	{ 5 Y_3710	ppm	0.0106	0.0008	7.445	0.0112	0.0101
Mg2790	279.079	{1 Y_3710	ppm	0.0399	0.0142	35.66	0.0298	0.0499
Mn2576	257.610	{1 Y_3600	ppm	0.0098	0.0001	0.8294	0.0098	0.0097
Mn2576-2	257.610	{1 Y_3710	ppm	0.0098	0.0012	11.9	0.0106	0.009
Mo2020	202.030	{4 Y_2243	ppm	0.0112	0.0007	6.617	0.0106	0.0117
Na5895	589.592	{ 5 Y_3710	ppm	0.6635	0.0209	3.144	0.6782	0.6487
Na8183	818.326	{ 4 Y_3710	ppm	0.6305	0.027	4.285	0.6496	0.6114
Ni2316	231.604	{4 In2306	ppm	0.0098	0.0007	7.087	0.0094	0.0103
P_1782	178.284	{4 In2306	ppm	0.0095	0.0003	3.606	0.0097	0.0092
Pb2203	220.353	{4 In2306	ppm	0.0109	0.001	9.109	0.0102	0.0116
S_1820	182.034	{4 Y_2243	ppm	-4.075	0.2412	5.918	-4.246	-3.905
Sb2068	206.833	{4 Y_2243	ppm	0.016	0.0018	11.43	0.0147	0.0173
Se1960	196.090	{4 Y_2243	ppm	0.011	0.0016	14.37	0.0099	0.0121
Si2516	251.611	{1 Y_3710	ppm	0.0324	0.0153	47.04	0.0432	0.0216
Sn1899	189.989	{4 In2306	ppm	0.0105	0.0008	7.655	0.0099	0.011
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0.0001	1.904	0.0047	0.0046
Ti3349	334.904	{1 Y_3600	ppm	0.011	0.0005	4.74	0.0114	0.0106
Tl1908	190.856	{4 In2306	ppm	0.0101	0.0002	1.517	0.01	0.0102
V_2924	292.402	{1 Y_3600	ppm	0.0084	0.0003	3.173	0.0086	0.0082
Zn2062	206.200	{4 In2306	ppm	0.0093	0.0004	4.525	0.009	0.0096

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.625	1.5774	3.1158	49.509	51.74
In2306	230.606	{4 Cts/S	10193	17.473	0.17142	10181	10205
Y_2243	224.306	{4 Cts/S	12889	5.581	0.0433	12893	12885
Y_3600	360.073	{ 9 Cts/S	113100	904.15	0.79944	112460	113740
Y_3710	371.030	{ 9 Cts/S	6999.1	123.16	1.7596	6912	7086.2

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0	45.52	-0.0001	-0.0001
Al3082	308.215	{1 In2306	ppm	0.0295	0.0958	325.2	-0.0383	0.0972
As1890	189.042	{4 Y_2243	ppm	-0.0017	0.0001	5.514	-0.0016	-0.0018
B_2496	249.678	{1 Y_3710	ppm	-0.0109	0.0103	93.86	-0.0037	-0.0182
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0	7.59	-0.0004	-0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0.0002	460.2	0.0002	-0.0001
Ca3158	315.887	{1 In2306	ppm	0.0069	0.017	245.2	0.0189	-0.0051
Ca3181	318.128	{1 In2306	ppm	0.0454	0.054	118.9	0.0837	0.0072
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	66.58	0	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0	23.94	0.0002	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0003	0	13.3	-0.0003	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0001	203.4	0.0001	0
Fe2404	240.488	{1 In2306	ppm	0.0354	0.0237	66.84	0.0521	0.0187
K_7664	766.490	{ 4 Y_3710	ppm	0.063	0.0039	6.181	0.0602	0.0658
K_7698	769.896	{ 4 Y_3710	ppm	0.1349	0.0406	30.08	0.1636	0.1062
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0007	174.7	0.0009	-0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.1055	0.0517	49.02	-0.1421	-0.0689
Mn2576	257.610	{1 Y_3600	ppm	0	0	43.13	0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0003	0.0016	485.4	-0.0014	0.0008
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0003	88.01	0.0001	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	0.0385	0.0112	28.98	0.0464	0.0306
Na8183	818.326	{ 4 Y_3710	ppm	0.3873	0.0867	22.39	0.4486	0.326
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0002	89.16	0.0003	0.0001
P_1782	178.284	{4 In2306	ppm	0	0.0012	2770	-0.0009	0.0008
Pb2203	220.353	{4 In2306	ppm	0.0004	0.0002	51.89	0.0006	0.0003
S_1820	182.034	{4 Y_2243	ppm	-3.266	0.0643	1.967	-3.312	-3.221
Sb2068	206.833	{4 Y_2243	ppm	0.0007	0.0008	112.5	0.0012	0.0001
Se1960	196.090	{4 Y_2243	ppm	-0.0008	0.0002	24.92	-0.0006	-0.0009
Si2516	251.611	{1 Y_3710	ppm	0.0038	0.0074	198	-0.0015	0.009
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0002	55.28	0.0002	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0	5.386	-0.0003	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0003	86.81	0.0006	0.0001
Tl1908	190.856	{4 In2306	ppm	0.0005	0.0004	78.28	0.0008	0.0002
V_2924	292.402	{1 Y_3600	ppm	-0.0006	0.0005	80.3	-0.0009	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0	22.44	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.526	1.1066	2.1901	49.744	51.308
In2306	230.606	{4 Cts/S	10259	78.955	0.76965	10314	10203
Y_2243	224.306	{4 Cts/S	12898	124.83	0.96787	12986	12809
Y_3600	360.073	{ 9 Cts/S	112880	3078.6	2.7274	110700	115050
Y_3710	371.030	{ 9 Cts/S	6850.6	119.24	1.7406	6934.9	6766.2

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	130.5	-0.0003	0
Al3082	308.215	{1 In2306	ppm	-0.0128	0.0439	342.2	0.0182	-0.0439
As1890	189.042	{4 Y_2243	ppm	-0.0023	0.0002	7.293	-0.0022	-0.0024
B_2496	249.678	{1 Y_3710	ppm	-0.0022	0.0019	85.44	-0.0035	-0.0009
Ba4554	455.403	{ 7 Y_3710	ppm	0.0026	0.0003	10.29	0.0028	0.0024
Be3130	313.042	{1 Y_3710	ppm	0	0	139.2	0.0001	0
Ca3158	315.887	{1 In2306	ppm	0.0173	0.016	92.5	0.006	0.0286
Ca3181	318.128	{1 In2306	ppm	0.062	0.0186	30.04	0.0488	0.0752
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	453.1	0	0.0001
Co2286	228.616	{4 In2306	ppm	0	0.0001	309.4	0.0001	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0	11.21	-0.0004	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0014	0.0003	19.29	0.0016	0.0012
Fe2404	240.488	{1 In2306	ppm	0.0042	0.0094	225.4	-0.0025	0.0108
K_7664	766.490	{ 4 Y_3710	ppm	0.0413	0.0153	36.93	0.0521	0.0305
K_7698	769.896	{ 4 Y_3710	ppm	0.1382	0.0282	20.39	0.1182	0.1581
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0002	55.87	0.0002	0.0005
Mg2790	279.079	{1 Y_3710	ppm	-0.017	0.0225	132.5	-0.0329	-0.0011
Mn2576	257.610	{1 Y_3600	ppm	0.0011	0	0.0207	0.0011	0.0011
Mn2576-2	257.610	{1 Y_3710	ppm	0.0016	0.0014	90.8	0.0026	0.0006
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	27.26	0.0002	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.042	0.0064	15.29	0.0466	0.0375
Na8183	818.326	{ 4 Y_3710	ppm	0.0906	0.007	7.758	0.0956	0.0857
Ni2316	231.604	{4 In2306	ppm	-0.0002	0	13.59	-0.0002	-0.0002
P_1782	178.284	{4 In2306	ppm	0	0.0011	3386	0.0008	-0.0008
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0003	35.06	0.0011	0.0007
S_1820	182.034	{4 Y_2243	ppm	-4.166	0.6359	15.26	-4.616	-3.716
Sb2068	206.833	{4 Y_2243	ppm	-0.0005	0.0005	99.6	-0.0008	-0.0001
Se1960	196.090	{4 Y_2243	ppm	0.0004	0.0014	323.2	0.0014	-0.0006
Si2516	251.611	{1 Y_3710	ppm	0.0188	0.0005	2.694	0.0184	0.0192
Sn1899	189.989	{4 In2306	ppm	-0.0001	0.0001	40.97	-0.0001	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0002	0.0001	35.15	0.0003	0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0002	0.0001	47.87	-0.0001	-0.0002
Tl1908	190.856	{4 In2306	ppm	-0.0008	0.0003	35.08	-0.0006	-0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0001	82.88	-0.0002	0
Zn2062	206.200	{4 In2306	ppm	0.0032	0.0001	3.367	0.0033	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.054	0.03309	0.06746	49.077	49.031
In2306	230.606	{4 Cts/S	10293	0.6289	0.00611	10294	10293
Y_2243	224.306	{4 Cts/S	12984	11.114	0.0856	12992	12977
Y_3600	360.073	{ 9 Cts/S	113610	3880.7	3.4157	110870	116360
Y_3710	371.030	{ 9 Cts/S	6993.9	48.811	0.6979	7028.5	6959.4

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4971	0.0073	1.476	0.5023	0.4919
Al3082	308.215	{1 In2306	ppm	10.42	0.4841	4.645	10.08	10.76
As1890	189.042	{4 Y_2243	ppm	0.9798	0.0275	2.808	0.9993	0.9603
B_2496	249.678	{1 Y_3710	ppm	1.028	0.0121	1.182	1.019	1.036
Ba4554	455.403	{ 7 Y_3710	ppm	1.051	0.0254	2.421	1.033	1.069
Be3130	313.042	{1 Y_3710	ppm	0.51	0.0141	2.757	0.5001	0.52
Ca3158	315.887	{1 In2306	ppm	9.869	0.3268	3.311	9.638	10.1
Ca3181	318.128	{1 In2306	ppm	9.771	0.2919	2.987	9.564	9.977
Cd2288	228.802	{4 Y_2243	ppm	0.4823	0.0138	2.863	0.4921	0.4725
Co2286	228.616	{4 In2306	ppm	0.9712	0.029	2.987	0.9917	0.9506
Cr2677	267.716	{1 Y_3600	ppm	0.9565	0.007	0.7352	0.9615	0.9515
Cu3247	324.754	{1 Y_3600	ppm	0.9846	0.0117	1.193	0.9929	0.9763
Fe2404	240.488	{1 In2306	ppm	9.907	0.3302	3.333	9.674	10.14
K_7664	766.490	{ 4 Y_3710	ppm	11.85	0.286	2.414	11.65	12.05
K_7698	769.896	{ 4 Y_3710	ppm	11.14	0.2409	2.163	10.97	11.31
Li6707	670.784	{ 5 Y_3710	ppm	0.5868	0.0147	2.497	0.5764	0.5971
Mg2790	279.079	{1 Y_3710	ppm	9.639	0.1205	1.25	9.554	9.724
Mn2576	257.610	{1 Y_3600	ppm	0.9587	0.0103	1.078	0.966	0.9514
Mn2576-2	257.610	{1 Y_3710	ppm	0.9989	0.0213	2.133	0.9838	1.014
Mo2020	202.030	{4 Y_2243	ppm	1.005	0.0333	3.307	1.029	0.9819
Na5895	589.592	{ 5 Y_3710	ppm	11.57	0.2693	2.328	11.38	11.76
Na8183	818.326	{ 4 Y_3710	ppm	10.73	0.2423	2.257	10.56	10.9
Ni2316	231.604	{4 In2306	ppm	0.9808	0.0299	3.044	1.002	0.9597
P_1782	178.284	{4 In2306	ppm	0.0001	0	10.78	0.0001	0.0001
Pb2203	220.353	{4 In2306	ppm	0.9794	0.0287	2.928	0.9997	0.9591
S_1820	182.034	{4 Y_2243	ppm	-1.936	0.4812	24.86	-2.276	-1.595
Sb2068	206.833	{4 Y_2243	ppm	0.9771	0.0325	3.324	1	0.9541
Se1960	196.090	{4 Y_2243	ppm	1.013	0.0255	2.512	1.031	0.9951
Si2516	251.611	{1 Y_3710	ppm	0.9567	0.0652	6.816	0.9106	1.003
Sn1899	189.989	{4 In2306	ppm	1.004	0.0313	3.12	1.027	0.9822
Sr4215	421.552	{ 8 Y_3710	ppm	0.5324	0.0138	2.586	0.5226	0.5421
Ti3349	334.904	{1 Y_3600	ppm	0.9892	0.0091	0.918	0.9956	0.9827
Tl1908	190.856	{4 In2306	ppm	1.019	0.0306	3.002	1.04	0.997
V_2924	292.402	{1 Y_3600	ppm	0.9301	0.0114	1.227	0.9382	0.922
Zn2062	206.200	{4 In2306	ppm	0.947	0.0256	2.7	0.9651	0.9289

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.779	1.4187	2.9083	49.782	47.776
In2306	230.606	{4 Cts/S	9666.4	181.87	1.8814	9537.8	9795
Y_2243	224.306	{4 Cts/S	12769	246.97	1.9342	12594	12943
Y_3600	360.073	{ 9 Cts/S	111540	904.75	0.81113	110900	112180
Y_3710	371.030	{ 9 Cts/S	6749.9	126.47	1.8736	6839.4	6660.5

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 13:57:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0002	174.4	0.0002	0
Al3082	308.215	{1 In2306	ppm	0.1213	0.0504	41.59	0.0856	0.1569
As1890	189.042	{4 Y_2243	ppm	0.0065	0.0014	21.52	0.0055	0.0074
B_2496	249.678	{1 Y_3710	ppm	0.3934	0.0023	0.583	0.3918	0.395
Ba4554	455.403	{ 7 Y_3710	ppm	0.2408	0.0003	0.1114	0.241	0.2406
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	22.04	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	51.76	0.171	0.3304	51.88	51.64
Ca3181	318.128	{1 In2306	ppm	51.02	0.1057	0.2073	51.09	50.94
Cd2288	228.802	{4 Y_2243	ppm	0.0013	0.0015	120.8	0.0002	0.0023
Co2286	228.616	{4 In2306	ppm	0.0036	0.003	82.78	0.0015	0.0057
Cr2677	267.716	{1 Y_3600	ppm	0.0014	0.0005	33.92	0.0017	0.0011
Cu3247	324.754	{1 Y_3600	ppm	0.0028	0.0002	7.162	0.003	0.0027
Fe2404	240.488	{1 In2306	ppm	0.0517	0.0029	5.67	0.0496	0.0538
K_7664	766.490	{ 4 Y_3710	ppm	58.46	0.1451	0.2481	58.36	58.57
K_7698	769.896	{ 4 Y_3710	ppm	57.18	0.1056	0.1847	57.11	57.26
Li6707	670.784	{ 5 Y_3710	ppm	0.0437	0.0003	0.7344	0.0439	0.0435
Mg2790	279.079	{1 Y_3710	ppm	20.51	0.0228	0.1114	20.49	20.53
Mn2576	257.610	{1 Y_3600	ppm	0.0831	0.0008	0.9803	0.0837	0.0825
Mn2576-2	257.610	{1 Y_3710	ppm	0.0814	0.0022	2.713	0.0799	0.083
Mo2020	202.030	{4 Y_2243	ppm	0.034	0.0042	12.49	0.031	0.0369
Na5895	589.592	{ 5 Y_3710	ppm	771.1	3.754	0.4868	773.8	768.5
Na8183	818.326	{ 4 Y_3710	ppm	912.5	2.007	0.2199	911.1	914
Ni2316	231.604	{4 In2306	ppm	0.0062	0.0034	54.62	0.0038	0.0086
P_1782	178.284	{4 In2306	ppm	1.386	0.0012	0.0883	1.385	1.387
Pb2203	220.353	{4 In2306	ppm	0.0014	0.0011	79.14	0.0006	0.0022
S_1820	182.034	{4 Y_2243	ppm	-81030	386.9	0.4774	-80760	-81310
Sb2068	206.833	{4 Y_2243	ppm	0.0193	0.0026	13.62	0.0175	0.0212
Se1960	196.090	{4 Y_2243	ppm	0.104	0.003	2.911	0.1018	0.1061
Si2516	251.611	{1 Y_3710	ppm	2.701	0.0424	1.571	2.671	2.731
Sn1899	189.989	{4 In2306	ppm	0.0046	0.0042	90.72	0.0016	0.0075
Sr4215	421.552	{ 8 Y_3710	ppm	1.314	0.0007	0.0532	1.314	1.313
Ti3349	334.904	{1 Y_3600	ppm	0.0027	0	1.449	0.0026	0.0027
Tl1908	190.856	{4 In2306	ppm	0.0027	0.0051	192.3	-0.001	0.0063
V_2924	292.402	{1 Y_3600	ppm	0.0097	0.0002	1.732	0.0096	0.0098
Zn2062	206.200	{4 In2306	ppm	0.0848	0.0028	3.314	0.0829	0.0868

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.35	0.23115	0.48819	47.186	47.513
In2306	230.606	{4 Cts/S	7621.1	34.946	0.45854	7645.8	7596.4
Y_2243	224.306	{4 Cts/S	10946	97.72	0.89272	11015	10877
Y_3600	360.073	{ 9 Cts/S	92753	877.98	0.94658	92133	93374
Y_3710	371.030	{ 9 Cts/S	6743.9	13.362	0.19813	6753.4	6734.5

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	53.1	0.0002	0.0001
Al3082	308.215	{1 In2306	ppm	0.1882	0.0085	4.534	0.1942	0.1821
As1890	189.042	{4 Y_2243	ppm	0.0038	0.0002	6.293	0.0036	0.004
B_2496	249.678	{1 Y_3710	ppm	0.4039	0.004	0.9961	0.4068	0.4011
Ba4554	455.403	{ 7 Y_3710	ppm	0.2489	0.0002	0.0934	0.249	0.2487
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	38.78	0.0001	0.0002
Ca3158	315.887	{1 In2306	ppm	50.29	1.59	3.162	51.41	49.16
Ca3181	318.128	{1 In2306	ppm	49.78	1.561	3.136	50.89	48.68
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	15.36	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0012	0.0003	25.46	0.001	0.0014
Cr2677	267.716	{1 Y_3600	ppm	0.0017	0.0002	11.83	0.0018	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.0032	0.0001	3.422	0.0031	0.0033
Fe2404	240.488	{1 In2306	ppm	0.0223	0.0303	135.8	0.0438	0.0009
K_7664	766.490	{ 4 Y_3710	ppm	60.19	0.031	0.0515	60.17	60.21
K_7698	769.896	{ 4 Y_3710	ppm	59.09	0.1116	0.1889	59.17	59.01
Li6707	670.784	{ 5 Y_3710	ppm	0.0457	0.0003	0.7067	0.046	0.0455
Mg2790	279.079	{1 Y_3710	ppm	21.04	0.0965	0.4589	21.1	20.97
Mn2576	257.610	{1 Y_3600	ppm	0.0846	0	0.0407	0.0847	0.0846
Mn2576-2	257.610	{1 Y_3710	ppm	0.0831	0.001	1.194	0.0838	0.0824
Mo2020	202.030	{4 Y_2243	ppm	0.0301	0.0004	1.259	0.0298	0.0304
Na5895	589.592	{ 5 Y_3710	ppm	772.8	7.027	0.9093	767.8	777.8
Na8183	818.326	{ 4 Y_3710	ppm	934.2	0.1073	0.0115	934.3	934.1
Ni2316	231.604	{4 In2306	ppm	0.0037	0.0001	2.269	0.0037	0.0038
P_1782	178.284	{4 In2306	ppm	1.401	0.0018	0.1316	1.399	1.402
Pb2203	220.353	{4 In2306	ppm	0	0.0004	61770	-0.0003	0.0003
S_1820	182.034	{4 Y_2243	ppm	-81860	178.3	0.2178	-81730	-81990
Sb2068	206.833	{4 Y_2243	ppm	0.0038	0	0.0632	0.0038	0.0038
Se1960	196.090	{4 Y_2243	ppm	0.1025	0.0007	0.6532	0.102	0.103
Si2516	251.611	{1 Y_3710	ppm	2.761	0.0112	0.4073	2.753	2.769
Sn1899	189.989	{4 In2306	ppm	0.0005	0.0002	51.27	0.0006	0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	1.345	0.0007	0.0493	1.345	1.346
Ti3349	334.904	{1 Y_3600	ppm	0.0008	0.0001	12.84	0.0007	0.0008
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.001	240.3	0.0003	-0.0011
V_2924	292.402	{1 Y_3600	ppm	0.01	0.0006	5.931	0.0096	0.0105
Zn2062	206.200	{4 In2306	ppm	0.0836	0.0001	0.163	0.0835	0.0837

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.419	1.6464	3.3315	48.255	50.583
In2306	230.606	{4 Cts/S	7707.9	29.622	0.38431	7728.9	7687
Y_2243	224.306	{4 Cts/S	11047	39.538	0.35791	11075	11019
Y_3600	360.073	{ 9 Cts/S	92863	88.666	0.09548	92926	92801
Y_3710	371.030	{ 9 Cts/S	6705.9	41.148	0.6136	6735	6676.8

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Custom ID3=
Run Time=1/14/2012 14:03:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5757	0.0097	1.68	0.5825	0.5688
Al3082	308.215	{1 In2306	ppm	10.88	0.2877	2.645	11.08	10.67
As1890	189.042	{4 Y_2243	ppm	1.067	0.0145	1.354	1.057	1.077
B_2496	249.678	{1 Y_3710	ppm	1.404	0.0231	1.644	1.42	1.388
Ba4554	455.403	{ 7 Y_3710	ppm	1.277	0.0067	0.5243	1.282	1.273
Be3130	313.042	{1 Y_3710	ppm	0.4871	0.0015	0.3145	0.486	0.4882
Ca3158	315.887	{1 In2306	ppm	62.91	1.516	2.41	63.98	61.84
Ca3181	318.128	{1 In2306	ppm	62.13	1.439	2.316	63.15	61.11
Cd2288	228.802	{4 Y_2243	ppm	0.5118	0.0114	2.221	0.5038	0.5199
Co2286	228.616	{4 In2306	ppm	1.009	0.023	2.277	0.9925	1.025
Cr2677	267.716	{1 Y_3600	ppm	0.973	0.0182	1.871	0.9858	0.9601
Cu3247	324.754	{1 Y_3600	ppm	1.063	0.0312	2.939	1.085	1.041
Fe2404	240.488	{1 In2306	ppm	10.09	0.2541	2.518	10.27	9.914
K_7664	766.490	{ 4 Y_3710	ppm	70.08	0.5243	0.7482	70.45	69.71
K_7698	769.896	{ 4 Y_3710	ppm	69.18	0.3361	0.4859	69.41	68.94
Li6707	670.784	{ 5 Y_3710	ppm	0.5919	0.006	1.013	0.5961	0.5876
Mg2790	279.079	{1 Y_3710	ppm	30.27	0.1762	0.5819	30.15	30.4
Mn2576	257.610	{1 Y_3600	ppm	1.058	0.0207	1.957	1.073	1.044
Mn2576-2	257.610	{1 Y_3710	ppm	1.06	0.0029	0.2716	1.062	1.058
Mo2020	202.030	{4 Y_2243	ppm	1.004	0.0149	1.482	0.9931	1.014
Na5895	589.592	{ 5 Y_3710	ppm	780.6	12.82	1.642	789.7	771.6
Na8183	818.326	{ 4 Y_3710	ppm	934.7	4.666	0.4992	938	931.4
Ni2316	231.604	{4 In2306	ppm	1.018	0.0224	2.197	1.003	1.034
P_1782	178.284	{4 In2306	ppm	1.353	0.0266	1.964	1.334	1.371
Pb2203	220.353	{4 In2306	ppm	0.9781	0.0204	2.086	0.9637	0.9925
S_1820	182.034	{4 Y_2243	ppm	-78960	1675	2.122	-77770	-80140
Sb2068	206.833	{4 Y_2243	ppm	1.022	0.0146	1.431	1.012	1.033
Se1960	196.090	{4 Y_2243	ppm	1.209	0.0242	2.003	1.192	1.226
Si2516	251.611	{1 Y_3710	ppm	3.459	0.0129	0.3716	3.45	3.468
Sn1899	189.989	{4 In2306	ppm	1.046	0.0175	1.67	1.033	1.058
Sr4215	421.552	{ 8 Y_3710	ppm	1.846	0.0097	0.5278	1.852	1.839
Ti3349	334.904	{1 Y_3600	ppm	1.024	0.0169	1.651	1.036	1.012
Tl1908	190.856	{4 In2306	ppm	0.9583	0.02	2.086	0.9441	0.9724
V_2924	292.402	{1 Y_3600	ppm	0.9827	0.0221	2.252	0.9983	0.967
Zn2062	206.200	{4 In2306	ppm	1.117	0.0316	2.832	1.095	1.139

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.101	1.2047	2.5576	46.249	47.953
In2306	230.606	{4 Cts/S	7720.4	127.29	1.6488	7810.4	7630.3
Y_2243	224.306	{4 Cts/S	11229	160.98	1.4336	11343	11115
Y_3600	360.073	{ 9 Cts/S	92200	1401	1.5195	91210	93191
Y_3710	371.030	{ 9 Cts/S	6747.2	14.103	0.20902	6737.3	6757.2

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.583	0.0293	5.019	0.5623	0.6037
Al3082	308.215	{1 In2306	ppm	11.37	0.1109	0.9752	11.29	11.45
As1890	189.042	{4 Y_2243	ppm	1.072	0.0054	0.4995	1.076	1.068
B_2496	249.678	{1 Y_3710	ppm	1.5	0.1083	7.217	1.577	1.423
Ba4554	455.403	{ 7 Y_3710	ppm	1.354	0.0932	6.883	1.42	1.288
Be3130	313.042	{1 Y_3710	ppm	0.5133	0.0373	7.263	0.5396	0.4869
Ca3158	315.887	{1 In2306	ppm	66.15	0.0567	0.0857	66.19	66.11
Ca3181	318.128	{1 In2306	ppm	65.28	0.1702	0.2607	65.16	65.4
Cd2288	228.802	{4 Y_2243	ppm	0.5146	0.004	0.7688	0.5174	0.5118
Co2286	228.616	{4 In2306	ppm	1.016	0.0056	0.5539	1.019	1.012
Cr2677	267.716	{1 Y_3600	ppm	0.9976	0.0496	4.975	0.9625	1.033
Cu3247	324.754	{1 Y_3600	ppm	1.079	0.053	4.916	1.041	1.116
Fe2404	240.488	{1 In2306	ppm	10.47	0.0762	0.728	10.52	10.41
K_7664	766.490	{ 4 Y_3710	ppm	76	4.715	6.204	79.34	72.67
K_7698	769.896	{ 4 Y_3710	ppm	74.88	4.736	6.325	78.23	71.53
Li6707	670.784	{ 5 Y_3710	ppm	0.6315	0.039	6.174	0.659	0.6039
Mg2790	279.079	{1 Y_3710	ppm	32.55	2.343	7.198	34.21	30.89
Mn2576	257.610	{1 Y_3600	ppm	1.074	0.0535	4.978	1.037	1.112
Mn2576-2	257.610	{1 Y_3710	ppm	1.12	0.0871	7.784	1.181	1.058
Mo2020	202.030	{4 Y_2243	ppm	1.012	0.0066	0.6536	1.017	1.008
Na5895	589.592	{ 5 Y_3710	ppm	841.6	26.41	3.138	860.3	822.9
Na8183	818.326	{ 4 Y_3710	ppm	1012	66.75	6.593	1060	965.2
Ni2316	231.604	{4 In2306	ppm	1.028	0.0019	0.1853	1.03	1.027
P_1782	178.284	{4 In2306	ppm	1.397	0.0017	0.1214	1.398	1.396
Pb2203	220.353	{4 In2306	ppm	0.9865	0.005	0.5025	0.99	0.983
S_1820	182.034	{4 Y_2243	ppm	-81380	434.2	0.5335	-81680	-81070
Sb2068	206.833	{4 Y_2243	ppm	1.04	0.0209	2.011	1.055	1.025
Se1960	196.090	{4 Y_2243	ppm	1.222	0.0129	1.057	1.231	1.213
Si2516	251.611	{1 Y_3710	ppm	3.65	0.2468	6.763	3.825	3.476
Sn1899	189.989	{4 In2306	ppm	1.05	0.0017	0.1641	1.052	1.049
Sr4215	421.552	{ 8 Y_3710	ppm	1.983	0.1368	6.897	2.08	1.886
Ti3349	334.904	{1 Y_3600	ppm	1.046	0.0567	5.426	1.006	1.086
Tl1908	190.856	{4 In2306	ppm	0.9635	0.0068	0.7032	0.9683	0.9587
V_2924	292.402	{1 Y_3600	ppm	0.9929	0.049	4.937	0.9583	1.028
Zn2062	206.200	{4 In2306	ppm	1.132	0.0039	0.347	1.134	1.129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	45.74	0.93527	2.0448	46.401	45.079
In2306	230.606	{4 Cts/S	7647.2	13.103	0.17134	7638	7656.5
Y_2243	224.306	{4 Cts/S	11175	49.008	0.43855	11140	11210
Y_3600	360.073	{ 9 Cts/S	90576	3915.1	4.3225	93344	87807
Y_3710	371.030	{ 9 Cts/S	6442.1	338.78	5.2589	6202.5	6681.6

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:08:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5239	0.0019	0.3696	0.5253	0.5225
Al3082	308.215	{1 In2306	ppm	10.19	0.7893	7.742	9.636	10.75
As1890	189.042	{4 Y_2243	ppm	1.018	0.0088	0.8673	1.011	1.024
B_2496	249.678	{1 Y_3710	ppm	1.346	0.0805	5.979	1.289	1.403
Ba4554	455.403	{ 7 Y_3710	ppm	1.243	0.0727	5.848	1.192	1.294
Be3130	313.042	{1 Y_3710	ppm	0.4623	0.03	6.496	0.4411	0.4835
Ca3158	315.887	{1 In2306	ppm	60.99	4.539	7.443	57.78	64.2
Ca3181	318.128	{1 In2306	ppm	60.36	4.588	7.601	57.11	63.6
Cd2288	228.802	{4 Y_2243	ppm	0.4829	0.0035	0.7222	0.4804	0.4853
Co2286	228.616	{4 In2306	ppm	0.951	0.0083	0.8736	0.9451	0.9568
Cr2677	267.716	{1 Y_3600	ppm	0.8942	0.0026	0.2916	0.8961	0.8924
Cu3247	324.754	{1 Y_3600	ppm	0.9788	0.007	0.7193	0.9838	0.9738
Fe2404	240.488	{1 In2306	ppm	9.445	0.6883	7.287	8.958	9.931
K_7664	766.490	{ 4 Y_3710	ppm	69.9	4.502	6.44	66.72	73.09
K_7698	769.896	{ 4 Y_3710	ppm	68.82	4.41	6.408	65.7	71.93
Li6707	670.784	{ 5 Y_3710	ppm	1.106	0.0674	6.098	1.058	1.153
Mg2790	279.079	{1 Y_3710	ppm	29.72	1.616	5.438	28.58	30.87
Mn2576	257.610	{1 Y_3600	ppm	0.9839	0.0037	0.3792	0.9866	0.9813
Mn2576-2	257.610	{1 Y_3710	ppm	1.04	0.0653	6.283	0.9933	1.086
Mo2020	202.030	{4 Y_2243	ppm	0.9483	0.0076	0.8028	0.9429	0.9537
Na5895	589.592	{ 5 Y_3710	ppm	768.2	49.52	6.446	733.2	803.2
Na8183	818.326	{ 4 Y_3710	ppm	934.8	57.21	6.12	894.3	975.2
Ni2316	231.604	{4 In2306	ppm	0.9782	0.0093	0.9458	0.9717	0.9848
P_1782	178.284	{4 In2306	ppm	2.456	0.0117	0.4756	2.448	2.465
Pb2203	220.353	{4 In2306	ppm	0.9331	0.0002	0.023	0.9332	0.9329
S_1820	182.034	{4 Y_2243	ppm	-77830	556.7	0.7153	-77430	-78220
Sb2068	206.833	{4 Y_2243	ppm	0.9996	0.0094	0.9394	0.993	1.006
Se1960	196.090	{4 Y_2243	ppm	1.135	0.0135	1.188	1.125	1.144
Si2516	251.611	{1 Y_3710	ppm	4.118	0.329	7.989	3.886	4.351
Sn1899	189.989	{4 In2306	ppm	0.9917	0.01	1.009	0.9846	0.9987
Sr4215	421.552	{ 8 Y_3710	ppm	1.823	0.111	6.09	1.744	1.901
Ti3349	334.904	{1 Y_3600	ppm	0.9401	0.0001	0.0065	0.9401	0.9401
Tl1908	190.856	{4 In2306	ppm	0.9077	0.0034	0.3799	0.9052	0.9101
V_2924	292.402	{1 Y_3600	ppm	0.8927	0.0041	0.4539	0.8956	0.8898
Zn2062	206.200	{4 In2306	ppm	1.067	0.0059	0.5518	1.063	1.071

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.326	2.8623	6.0481	49.35	45.302
In2306	230.606	{4 Cts/S	7694.8	51.672	0.67152	7731.3	7658.3
Y_2243	224.306	{4 Cts/S	11241	77.26	0.68733	11295	11186
Y_3600	360.073	{ 9 Cts/S	94166	366.64	0.38935	93906	94425
Y_3710	371.030	{ 9 Cts/S	6609.6	331.5	5.0154	6844	6375.2

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Custom ID2=
Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0004	300	-0.0004	0.0002
Al3082	308.215	{1 In2306	ppm	0.023	0.004	17.33	0.0258	0.0202
As1890	189.042	{4 Y_2243	ppm	0.0106	0.0134	126.4	0.0011	0.02
B_2496	249.678	{1 Y_3710	ppm	0.0798	0.0135	16.86	0.0703	0.0893
Ba4554	455.403	{ 7 Y_3710	ppm	0.0483	0.0001	0.2994	0.0484	0.0482
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	8.047	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	10.34	0.1643	1.588	10.46	10.23
Ca3181	318.128	{1 In2306	ppm	10.36	0.1339	1.293	10.46	10.27
Cd2288	228.802	{4 Y_2243	ppm	0.0061	0.0071	116.4	0.0011	0.0112
Co2286	228.616	{4 In2306	ppm	0.0129	0.015	116.5	0.0023	0.0235
Cr2677	267.716	{1 Y_3600	ppm	0	0.0005	1053	0.0003	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0011	0.0002	21.59	0.0009	0.0013
Fe2404	240.488	{1 In2306	ppm	0.0123	0.007	56.82	0.0172	0.0073
K_7664	766.490	{ 4 Y_3710	ppm	12.01	0.0476	0.3959	11.98	12.04
K_7698	769.896	{ 4 Y_3710	ppm	11.64	0.0722	0.6203	11.59	11.69
Li6707	670.784	{ 5 Y_3710	ppm	0.0095	0.0001	1.142	0.0095	0.0096
Mg2790	279.079	{1 Y_3710	ppm	4.107	0.1136	2.765	4.188	4.027
Mn2576	257.610	{1 Y_3600	ppm	0.0177	0.0009	4.85	0.0171	0.0183
Mn2576-2	257.610	{1 Y_3710	ppm	0.0154	0.0019	12.45	0.0168	0.0141
Mo2020	202.030	{4 Y_2243	ppm	0.0231	0.0174	75.28	0.0108	0.0354
Na5895	589.592	{ 5 Y_3710	ppm	176.4	3.938	2.233	179.1	173.6
Na8183	818.326	{ 4 Y_3710	ppm	182.3	0.1723	0.0945	182.4	182.2
Ni2316	231.604	{4 In2306	ppm	0.0139	0.0157	112.8	0.0028	0.025
P_1782	178.284	{4 In2306	ppm	0.2693	0.0267	9.932	0.2504	0.2882
Pb2203	220.353	{4 In2306	ppm	0.0107	0.013	121	0.0015	0.0199
S_1820	182.034	{4 Y_2243	ppm	-16510	646.7	3.917	-16050	-16970
Sb2068	206.833	{4 Y_2243	ppm	0.0264	0.0156	59.06	0.0154	0.0374
Se1960	196.090	{4 Y_2243	ppm	0.0294	0.0127	43.29	0.0204	0.0384
Si2516	251.611	{1 Y_3710	ppm	0.5853	0.0016	0.2674	0.5864	0.5842
Sn1899	189.989	{4 In2306	ppm	0.0161	0.0167	103.4	0.0043	0.0279
Sr4215	421.552	{ 8 Y_3710	ppm	0.2679	0.0005	0.2011	0.2683	0.2675
Ti3349	334.904	{1 Y_3600	ppm	0.0024	0	0.9041	0.0023	0.0024
Tl1908	190.856	{4 In2306	ppm	0.0121	0.0142	117	0.0021	0.0221
V_2924	292.402	{1 Y_3600	ppm	0.0016	0.0001	6.998	0.0017	0.0015
Zn2062	206.200	{4 In2306	ppm	0.0314	0.0158	50.4	0.0202	0.0425

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.631	0.54082	1.1121	48.249	49.014
In2306	230.606	{4 Cts/S	8923.8	23.782	0.2665	8907	8940.7
Y_2243	224.306	{4 Cts/S	12143	27.54	0.2268	12123	12162
Y_3600	360.073	{ 9 Cts/S	100440	3311.5	3.2969	102780	98100
Y_3710	371.030	{ 9 Cts/S	6849.1	16.687	0.24363	6860.9	6837.3

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0003	123.3	0	0.0005
Al3082	308.215	{1 In2306	ppm	-0.0514	0.0478	92.99	-0.0852	-0.0176
As1890	189.042	{4 Y_2243	ppm	-0.0012	0.0007	62.05	-0.0017	-0.0007
B_2496	249.678	{1 Y_3710	ppm	-0.0027	0.0073	269.8	0.0024	-0.0078
Ba4554	455.403	{ 7 Y_3710	ppm	0.0017	0.0001	7.814	0.0018	0.0016
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	44.36	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0102	0.0047	46	-0.0069	-0.0136
Ca3181	318.128	{1 In2306	ppm	0.0872	0.0258	29.54	0.1054	0.069
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0.0003	133.9	0	0.0005
Co2286	228.616	{4 In2306	ppm	0.0005	0.0003	70.5	0.0002	0.0007
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0	12.41	-0.0002	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0014	0.0003	19.41	0.0012	0.0015
Fe2404	240.488	{1 In2306	ppm	0.0127	0.0095	75.01	0.0059	0.0194
K_7664	766.490	{ 4 Y_3710	ppm	0.2309	0.0039	1.675	0.2337	0.2282
K_7698	769.896	{ 4 Y_3710	ppm	0.4531	0.0482	10.64	0.4871	0.419
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	25.13	0.0003	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.037	0.0014	3.886	-0.038	-0.036
Mn2576	257.610	{1 Y_3600	ppm	0.0004	0	3.173	0.0004	0.0004
Mn2576-2	257.610	{1 Y_3710	ppm	0.0001	0.0005	308.5	0.0005	-0.0002
Mo2020	202.030	{4 Y_2243	ppm	0.0011	0.001	92.54	0.0004	0.0018
Na5895	589.592	{ 5 Y_3710	ppm	0.2886	0.0068	2.372	0.2935	0.2838
Na8183	818.326	{ 4 Y_3710	ppm	0.0694	0.2502	360.6	0.2463	-0.1075
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0006	142	0	0.0009
P_1782	178.284	{4 In2306	ppm	0.0013	0.0016	119.4	0.0002	0.0025
Pb2203	220.353	{4 In2306	ppm	0.001	0.0013	135.6	0	0.0019
S_1820	182.034	{4 Y_2243	ppm	-84.17	92.31	109.7	-18.9	-149.4
Sb2068	206.833	{4 Y_2243	ppm	0.0053	0.0014	27.14	0.0043	0.0064
Se1960	196.090	{4 Y_2243	ppm	0.0006	0.0012	187.1	-0.0002	0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0172	0.0108	62.7	0.0248	0.0096
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0007	106.1	0.0002	0.0011
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0	0.296	-0.0003	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0002	0	14.91	0.0002	0.0002
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0002	78.16	0.0001	0.0003
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0002	52.17	-0.0002	-0.0004
Zn2062	206.200	{4 In2306	ppm	0.003	0.0007	23.05	0.0025	0.0035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.891	2.2309	4.4715	51.468	48.313
In2306	230.606	{4 Cts/S	10371	18.122	0.17474	10358	10383
Y_2243	224.306	{4 Cts/S	13137	60.622	0.46145	13095	13180
Y_3600	360.073	{ 9 Cts/S	115660	1781.3	1.5402	116920	114400
Y_3710	371.030	{ 9 Cts/S	6790.7	65.013	0.95737	6836.7	6744.8

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5001	0.0001	0.023	0.5	0.5001
Al3082	308.215	{1 In2306	ppm	10.22	0.2848	2.787	10.42	10.02
As1890	189.042	{4 Y_2243	ppm	0.9788	0.0008	0.0856	0.9782	0.9794
B_2496	249.678	{1 Y_3710	ppm	1.006	0.0112	1.109	1.014	0.9982
Ba4554	455.403	{ 7 Y_3710	ppm	1.036	0.0095	0.916	1.043	1.03
Be3130	313.042	{1 Y_3710	ppm	0.5024	0.0039	0.7843	0.5052	0.4996
Ca3158	315.887	{1 In2306	ppm	9.53	0.1909	2.004	9.665	9.394
Ca3181	318.128	{1 In2306	ppm	9.374	0.1625	1.733	9.489	9.259
Cd2288	228.802	{4 Y_2243	ppm	0.4779	0.0009	0.1967	0.4772	0.4785
Co2286	228.616	{4 In2306	ppm	0.965	0.0009	0.097	0.9657	0.9644
Cr2677	267.716	{1 Y_3600	ppm	0.9604	0.0031	0.3226	0.9582	0.9626
Cu3247	324.754	{1 Y_3600	ppm	0.9947	0.0052	0.5261	0.9984	0.991
Fe2404	240.488	{1 In2306	ppm	9.556	0.2096	2.194	9.704	9.408
K_7664	766.490	{ 4 Y_3710	ppm	12.07	0.1755	1.454	12.19	11.95
K_7698	769.896	{ 4 Y_3710	ppm	11.35	0.1402	1.235	11.45	11.25
Li6707	670.784	{ 5 Y_3710	ppm	0.5949	0.0103	1.731	0.6022	0.5876
Mg2790	279.079	{1 Y_3710	ppm	9.493	0.1022	1.077	9.565	9.42
Mn2576	257.610	{1 Y_3600	ppm	0.9615	0.001	0.1067	0.9607	0.9622
Mn2576-2	257.610	{1 Y_3710	ppm	0.9772	0.0052	0.5326	0.9809	0.9735
Mo2020	202.030	{4 Y_2243	ppm	1.003	0.0008	0.0823	1.004	1.003
Na5895	589.592	{ 5 Y_3710	ppm	11.83	0.1947	1.646	11.97	11.69
Na8183	818.326	{ 4 Y_3710	ppm	10.64	0.0524	0.4924	10.68	10.61
Ni2316	231.604	{4 In2306	ppm	0.9813	0.0021	0.209	0.9828	0.9799
P_1782	178.284	{4 In2306	ppm	0.0002	0.0007	343	-0.0003	0.0007
Pb2203	220.353	{4 In2306	ppm	0.9794	0.001	0.1066	0.9801	0.9786
S_1820	182.034	{4 Y_2243	ppm	-15.66	5.073	32.4	-12.07	-19.25
Sb2068	206.833	{4 Y_2243	ppm	0.9723	0.001	0.0979	0.973	0.9716
Se1960	196.090	{4 Y_2243	ppm	1.006	0.0016	0.158	1.005	1.007
Si2516	251.611	{1 Y_3710	ppm	0.9119	0.0123	1.352	0.9206	0.9032
Sn1899	189.989	{4 In2306	ppm	1.006	0.0074	0.7343	1.011	1
Sr4215	421.552	{ 8 Y_3710	ppm	0.525	0.004	0.7671	0.5278	0.5221
Ti3349	334.904	{1 Y_3600	ppm	0.9974	0.0002	0.0193	0.9975	0.9972
Tl1908	190.856	{4 In2306	ppm	1.018	0.0041	0.4067	1.021	1.015
V_2924	292.402	{1 Y_3600	ppm	0.9344	0.0009	0.092	0.9337	0.935
Zn2062	206.200	{4 In2306	ppm	0.9438	0.0024	0.2592	0.9455	0.9421

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.012	1.3467	2.7476	48.06	49.964
In2306	230.606	{4 Cts/S	9591.9	35.683	0.37201	9617.2	9566.7
Y_2243	224.306	{4 Cts/S	12700	70.677	0.5565	12750	12650
Y_3600	360.073	{ 9 Cts/S	110010	102.24	0.09294	109940	110080
Y_3710	371.030	{ 9 Cts/S	6703.6	59.91	0.89369	6661.3	6746

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2389	0.0011	0.4582	0.2397	0.2381
Al3082	308.215	{1 In2306	ppm	2.334	0.1919	8.225	2.198	2.469
As1890	189.042	{4 Y_2243	ppm	0.4784	0.0029	0.6084	0.4764	0.4805
B_2496	249.678	{1 Y_3710	ppm	0.4791	0.0068	1.417	0.4743	0.4839
Ba4554	455.403	{ 7 Y_3710	ppm	0.4905	0.0044	0.9029	0.4874	0.4936
Be3130	313.042	{1 Y_3710	ppm	0.4802	0.0052	1.081	0.4765	0.4838
Ca3158	315.887	{1 In2306	ppm	11.69	0.6778	5.8	11.21	12.17
Ca3181	318.128	{1 In2306	ppm	11.52	0.6857	5.952	11.04	12.01
Cd2288	228.802	{4 Y_2243	ppm	0.4686	0.0028	0.5884	0.4666	0.4705
Co2286	228.616	{4 In2306	ppm	0.4796	0.005	1.036	0.4761	0.4831
Cr2677	267.716	{1 Y_3600	ppm	0.4694	0.0012	0.2464	0.4702	0.4685
Cu3247	324.754	{1 Y_3600	ppm	0.4763	0.0037	0.7773	0.4789	0.4737
Fe2404	240.488	{1 In2306	ppm	2.346	0.0961	4.098	2.278	2.414
K_7664	766.490	{ 4 Y_3710	ppm	13.64	0.1433	1.051	13.53	13.74
K_7698	769.896	{ 4 Y_3710	ppm	12.9	0.1438	1.115	12.8	13
Li6707	670.784	{ 5 Y_3710	ppm	0.5317	0.0037	0.7017	0.529	0.5343
Mg2790	279.079	{1 Y_3710	ppm	4.545	0.0336	0.7399	4.521	4.569
Mn2576	257.610	{1 Y_3600	ppm	0.4708	0.0007	0.1563	0.4714	0.4703
Mn2576-2	257.610	{1 Y_3710	ppm	0.4717	0.0077	1.627	0.4663	0.4772
Mo2020	202.030	{4 Y_2243	ppm	0.4986	0.0071	1.416	0.4936	0.5036
Na5895	589.592	{ 5 Y_3710	ppm	13.35	0.1292	0.9676	13.26	13.44
Na8183	818.326	{ 4 Y_3710	ppm	12.42	0.0111	0.0893	12.43	12.41
Ni2316	231.604	{4 In2306	ppm	0.4879	0.0048	0.9816	0.4845	0.4913
P_1782	178.284	{4 In2306	ppm	0.0009	0.0001	15.3	0.0008	0.0009
Pb2203	220.353	{4 In2306	ppm	0.4836	0.0028	0.5844	0.4816	0.4856
S_1820	182.034	{4 Y_2243	ppm	-290.9	0.1625	0.0559	-291	-290.7
Sb2068	206.833	{4 Y_2243	ppm	0.501	0.0009	0.1708	0.5004	0.5016
Se1960	196.090	{4 Y_2243	ppm	0.499	0.0061	1.225	0.4947	0.5034
Si2516	251.611	{1 Y_3710	ppm	0.9001	0.0057	0.6317	0.8961	0.9041
Sn1899	189.989	{4 In2306	ppm	0.4993	0.0046	0.9299	0.496	0.5026
Sr4215	421.552	{ 8 Y_3710	ppm	0.251	0.0017	0.6769	0.2498	0.2522
Ti3349	334.904	{1 Y_3600	ppm	0.4909	0.0005	0.1107	0.4913	0.4905
Tl1908	190.856	{4 In2306	ppm	0.5093	0.01	1.97	0.5022	0.5164
V_2924	292.402	{1 Y_3600	ppm	0.4585	0.0012	0.2688	0.4593	0.4576
Zn2062	206.200	{4 In2306	ppm	0.4701	0.0027	0.5823	0.4682	0.4721

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.253	2.4419	4.8592	51.98	48.526
In2306	230.606	{4 Cts/S	9607	67.405	0.70163	9654.7	9559.3
Y_2243	224.306	{4 Cts/S	12671	110.12	0.86907	12749	12593
Y_3600	360.073	{ 9 Cts/S	110370	471.24	0.42697	110030	110700
Y_3710	371.030	{ 9 Cts/S	6890.8	50.913	0.73885	6926.8	6854.8

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:21:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0051	0.0001	1.062	0.005	0.0051
Al3082	308.215	{1 In2306	ppm	0.0393	0.0962	244.8	0.1073	-0.0287
As1890	189.042	{4 Y_2243	ppm	0.0078	0.0001	1.02	0.0078	0.0079
B_2496	249.678	{1 Y_3710	ppm	0.0019	0.0109	588	0.0096	-0.0059
Ba4554	455.403	{ 7 Y_3710	ppm	0.0093	0.0001	0.5676	0.0093	0.0092
Be3130	313.042	{1 Y_3710	ppm	0.0046	0.0003	5.691	0.0048	0.0044
Ca3158	315.887	{1 In2306	ppm	0.094	0.035	37.28	0.1187	0.0692
Ca3181	318.128	{1 In2306	ppm	0.0326	0.0502	154	-0.0029	0.0681
Cd2288	228.802	{4 Y_2243	ppm	0.0049	0.0005	10.31	0.0045	0.0052
Co2286	228.616	{4 In2306	ppm	0.0094	0.0006	6.773	0.0089	0.0098
Cr2677	267.716	{1 Y_3600	ppm	0.0099	0.001	10.34	0.0092	0.0106
Cu3247	324.754	{1 Y_3600	ppm	0.0102	0.0006	6.253	0.0098	0.0107
Fe2404	240.488	{1 In2306	ppm	0.0928	0.0308	33.16	0.1146	0.0711
K_7664	766.490	{ 4 Y_3710	ppm	0.7623	0.0632	8.294	0.807	0.7176
K_7698	769.896	{ 4 Y_3710	ppm	0.9104	0.0562	6.168	0.9502	0.8707
Li6707	670.784	{ 5 Y_3710	ppm	0.0107	0.0008	7.707	0.0113	0.0101
Mg2790	279.079	{1 Y_3710	ppm	0.0224	0.0558	249.2	0.0618	-0.0171
Mn2576	257.610	{1 Y_3600	ppm	0.0101	0.0008	7.655	0.0096	0.0107
Mn2576-2	257.610	{1 Y_3710	ppm	0.0089	0.0006	6.502	0.0085	0.0093
Mo2020	202.030	{4 Y_2243	ppm	0.011	0.0008	7.339	0.0105	0.0116
Na5895	589.592	{ 5 Y_3710	ppm	0.7381	0.0455	6.17	0.7703	0.7059
Na8183	818.326	{ 4 Y_3710	ppm	0.631	0.0011	0.171	0.6303	0.6318
Ni2316	231.604	{4 In2306	ppm	0.0097	0.0008	8.758	0.0091	0.0103
P_1782	178.284	{4 In2306	ppm	0.0083	0.0011	12.96	0.0091	0.0076
Pb2203	220.353	{4 In2306	ppm	0.0109	0.0002	1.943	0.0111	0.0108
S_1820	182.034	{4 Y_2243	ppm	-8.244	0.5804	7.04	-7.834	-8.654
Sb2068	206.833	{4 Y_2243	ppm	0.019	0.0013	6.738	0.0181	0.0199
Se1960	196.090	{4 Y_2243	ppm	0.0092	0.0005	5.682	0.0096	0.0089
Si2516	251.611	{1 Y_3710	ppm	0.0302	0.0039	13.02	0.033	0.0274
Sn1899	189.989	{4 In2306	ppm	0.0105	0.0006	5.963	0.01	0.0109
Sr4215	421.552	{ 8 Y_3710	ppm	0.0045	0.0001	3.069	0.0046	0.0044
Ti3349	334.904	{1 Y_3600	ppm	0.0113	0.0008	6.896	0.0107	0.0118
Tl1908	190.856	{4 In2306	ppm	0.0096	0.0005	5.262	0.0099	0.0092
V_2924	292.402	{1 Y_3600	ppm	0.0091	0.0009	10.38	0.0084	0.0098
Zn2062	206.200	{4 In2306	ppm	0.0092	0.0005	5.888	0.0088	0.0095

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.958	1.7215	3.3133	50.741	53.176
In2306	230.606	{4 Cts/S	10318	94.383	0.9147	10385	10252
Y_2243	224.306	{4 Cts/S	13089	133.78	1.0221	13184	12995
Y_3600	360.073	{ 9 Cts/S	109580	6895.3	6.2924	114460	104710
Y_3710	371.030	{ 9 Cts/S	7067.7	218.84	3.0964	6913	7222.4

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0	16.28	-0.0001	-0.0002
Al3082	308.215	{1 In2306	ppm	-0.0113	0.0157	139.5	-0.0002	-0.0224
As1890	189.042	{4 Y_2243	ppm	-0.0011	0.0003	25.1	-0.0009	-0.0013
B_2496	249.678	{1 Y_3710	ppm	-0.0099	0	0.0603	-0.0099	-0.0099
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0003	0.0003	102.6	-0.0005	-0.0001
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	96.72	-0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.0098	0.0121	124.1	-0.0183	-0.0012
Ca3181	318.128	{1 In2306	ppm	0.0042	0.1218	2918	-0.082	0.0903
Cd2288	228.802	{4 Y_2243	ppm	0	0.0001	263.1	-0.0001	0
Co2286	228.616	{4 In2306	ppm	0.0001	0	40.2	0.0001	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0005	281.3	0.0002	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0001	0.0002	158.1	0.0002	0
Fe2404	240.488	{1 In2306	ppm	0.0038	0.0022	59.37	0.0053	0.0022
K_7664	766.490	{ 4 Y_3710	ppm	0.1301	0.0075	5.746	0.1354	0.1249
K_7698	769.896	{ 4 Y_3710	ppm	0.2908	0.0192	6.607	0.3044	0.2772
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0001	50.27	0.0002	0.0003
Mg2790	279.079	{1 Y_3710	ppm	-0.0093	0.031	332.6	-0.0313	0.0126
Mn2576	257.610	{1 Y_3600	ppm	0	0	440.6	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0005	0.0008	163.4	-0.001	0.0001
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0	18.15	0.0002	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.1083	0.003	2.773	0.1062	0.1104
Na8183	818.326	{ 4 Y_3710	ppm	0.476	0.0838	17.6	0.5352	0.4168
Ni2316	231.604	{4 In2306	ppm	0	0	27.2	0	0.0001
P_1782	178.284	{4 In2306	ppm	-0.0003	0.0004	114.6	-0.0006	-0.0001
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0003	40.8	0.0005	0.0009
S_1820	182.034	{4 Y_2243	ppm	-6.773	0.1321	1.95	-6.867	-6.68
Sb2068	206.833	{4 Y_2243	ppm	0.0029	0	1.065	0.0028	0.0029
Se1960	196.090	{4 Y_2243	ppm	-0.0001	0.001	687.3	-0.0008	0.0006
Si2516	251.611	{1 Y_3710	ppm	0.0001	0.0167	22130	-0.0117	0.0119
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0004	511.5	-0.0002	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0.0001	36.12	-0.0003	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0003	0.0003	106.3	-0.0001	-0.0006
Tl1908	190.856	{4 In2306	ppm	-0.0004	0.0006	128.3	0	-0.0008
V_2924	292.402	{1 Y_3600	ppm	-0.0003	0.0005	189.5	-0.0006	0.0001
Zn2062	206.200	{4 In2306	ppm	0	0.0001	163.6	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.084	0.57694	1.152	50.492	49.676
In2306	230.606	{4 Cts/S	10268	171.8	1.6731	10390	10147
Y_2243	224.306	{4 Cts/S	12935	224.31	1.7341	13093	12776
Y_3600	360.073	{ 9 Cts/S	113270	48.231	0.04258	113230	113300
Y_3710	371.030	{ 9 Cts/S	6820.8	26.542	0.38913	6802.1	6839.6

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:26:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0	76.95	0	0
Al3082	308.215	{1 In2306	ppm	0.1634	0.0203	12.41	0.1491	0.1778
As1890	189.042	{4 Y_2243	ppm	-0.0005	0.0008	149.1	-0.001	0
B_2496	249.678	{1 Y_3710	ppm	-0.0045	0.0078	172.9	0.001	-0.01
Ba4554	455.403	{ 7 Y_3710	ppm	0.0054	0.0001	1.068	0.0054	0.0055
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	1019	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	2.125	0.0701	3.299	2.076	2.175
Ca3181	318.128	{1 In2306	ppm	2.181	0.0176	0.8056	2.169	2.194
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	7.231	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	17.01	0.0002	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0002	0	6.246	0.0003	0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0007	0.0002	35.49	0.0005	0.0009
Fe2404	240.488	{1 In2306	ppm	0.2699	0.0197	7.3	0.2559	0.2838
K_7664	766.490	{ 4 Y_3710	ppm	0.3324	0.009	2.707	0.3388	0.326
K_7698	769.896	{ 4 Y_3710	ppm	0.4736	0.0373	7.873	0.4473	0.5
Li6707	670.784	{ 5 Y_3710	ppm	0	0.0003	841.7	-0.0002	0.0003
Mg2790	279.079	{1 Y_3710	ppm	0.0912	0.0009	0.9325	0.0918	0.0906
Mn2576	257.610	{1 Y_3600	ppm	0.0111	0.0001	1.332	0.0112	0.011
Mn2576-2	257.610	{1 Y_3710	ppm	0.0112	0.0008	7.387	0.0117	0.0106
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0001	30.93	0.0004	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.3444	0.006	1.746	0.3402	0.3487
Na8183	818.326	{ 4 Y_3710	ppm	0.4255	0.1119	26.31	0.5047	0.3463
Ni2316	231.604	{4 In2306	ppm	0.0005	0.0002	31.4	0.0006	0.0004
P_1782	178.284	{4 In2306	ppm	0.0168	0.0003	1.964	0.0166	0.017
Pb2203	220.353	{4 In2306	ppm	0.0113	0.0003	2.299	0.0115	0.0111
S_1820	182.034	{4 Y_2243	ppm	-36.86	0.3331	0.9039	-36.62	-37.09
Sb2068	206.833	{4 Y_2243	ppm	0.0018	0.0007	41.16	0.0013	0.0023
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0	13.38	-0.0002	-0.0002
Si2516	251.611	{1 Y_3710	ppm	0.3417	0.0225	6.587	0.3576	0.3258
Sn1899	189.989	{4 In2306	ppm	0	0.0001	113.6	0.0001	0
Sr4215	421.552	{ 8 Y_3710	ppm	0.0058	0.0002	3.459	0.0057	0.006
Ti3349	334.904	{1 Y_3600	ppm	0.0061	0.0004	5.979	0.0064	0.0059
Tl1908	190.856	{4 In2306	ppm	-0.0002	0.0003	150	0	-0.0005
V_2924	292.402	{1 Y_3600	ppm	0.0005	0.0003	58.18	0.0003	0.0007
Zn2062	206.200	{4 In2306	ppm	0.0044	0	0.4811	0.0044	0.0043

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.223	0.22485	0.46628	48.382	48.064
In2306	230.606	{4 Cts/S	10282	93.604	0.91035	10348	10216
Y_2243	224.306	{4 Cts/S	13031	126.94	0.97411	13121	12941
Y_3600	360.073	{ 9 Cts/S	112590	825.46	0.73314	112010	113180
Y_3710	371.030	{ 9 Cts/S	6812.7	161.08	2.3644	6926.6	6698.8

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Username=admin
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Custom ID1=
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Custom ID3=
Run Time=1/14/2012 14:29:14
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	157.8	-0.0001	0
Al3082	308.215	{1 In2306	ppm	0.2112	0.0444	21.01	0.1798	0.2426
As1890	189.042	{4 Y_2243	ppm	-0.0014	0.0001	5.57	-0.0014	-0.0015
B_2496	249.678	{1 Y_3710	ppm	-0.0108	0.0031	29.05	-0.0131	-0.0086
Ba4554	455.403	{ 7 Y_3710	ppm	0.0027	0	0.195	0.0028	0.0027
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0002	81.07	0.0004	0.0001
Ca3158	315.887	{1 In2306	ppm	2.066	0.0546	2.642	2.028	2.105
Ca3181	318.128	{1 In2306	ppm	2.01	0.0181	0.9021	1.997	2.023
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	22.34	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	13.29	0.0003	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0003	0.0004	129.3	0	0.0006
Cu3247	324.754	{1 Y_3600	ppm	0.0009	0.0001	11.88	0.0009	0.001
Fe2404	240.488	{1 In2306	ppm	0.2465	0.0043	1.737	0.2495	0.2434
K_7664	766.490	{ 4 Y_3710	ppm	0.3005	0.0095	3.15	0.3072	0.2938
K_7698	769.896	{ 4 Y_3710	ppm	0.4193	0.1046	24.94	0.4932	0.3453
Li6707	670.784	{ 5 Y_3710	ppm	0.0001	0.0005	622	0.0005	-0.0003
Mg2790	279.079	{1 Y_3710	ppm	0.0737	0.0339	45.95	0.0977	0.0498
Mn2576	257.610	{1 Y_3600	ppm	0.011	0.0001	1.267	0.0109	0.0111
Mn2576-2	257.610	{1 Y_3710	ppm	0.0129	0.0049	38.08	0.0164	0.0094
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	36.62	0.0003	0.0002
Na5895	589.592	{ 5 Y_3710	ppm	0.2696	0.0125	4.654	0.2785	0.2607
Na8183	818.326	{ 4 Y_3710	ppm	0.3413	0.0182	5.326	0.3542	0.3285
Ni2316	231.604	{4 In2306	ppm	0.0003	0.0001	27.18	0.0004	0.0002
P_1782	178.284	{4 In2306	ppm	0.0157	0	0.1938	0.0157	0.0158
Pb2203	220.353	{4 In2306	ppm	0.0105	0.0006	5.926	0.01	0.0109
S_1820	182.034	{4 Y_2243	ppm	-28.61	0.1336	0.4668	-28.71	-28.52
Sb2068	206.833	{4 Y_2243	ppm	0.0005	0.0014	264	-0.0005	0.0015
Se1960	196.090	{4 Y_2243	ppm	0.001	0.0003	26.56	0.0012	0.0009
Si2516	251.611	{1 Y_3710	ppm	0.2741	0.0143	5.21	0.2842	0.264
Sn1899	189.989	{4 In2306	ppm	0.0002	0	16.77	0.0002	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0058	0.0001	2.222	0.0057	0.0059
Ti3349	334.904	{1 Y_3600	ppm	0.0039	0.0003	7.747	0.0037	0.0041
Tl1908	190.856	{4 In2306	ppm	-0.001	0.0003	28.22	-0.0012	-0.0008
V_2924	292.402	{1 Y_3600	ppm	0.0004	0	0.5065	0.0004	0.0004
Zn2062	206.200	{4 In2306	ppm	0.0039	0	0.8418	0.0038	0.0039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.436	1.1462	2.3186	50.246	48.625
In2306	230.606	{4 Cts/S	10207	21.377	0.20944	10192	10222
Y_2243	224.306	{4 Cts/S	12891	26.445	0.20515	12872	12909
Y_3600	360.073	{ 9 Cts/S	111020	1398.7	1.2598	112010	110030
Y_3710	371.030	{ 9 Cts/S	6901.7	45.839	0.66417	6869.3	6934.1

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:31:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4881	0.0025	0.5211	0.4899	0.4863
Al3082	308.215	{1 In2306	ppm	10.03	0.494	4.926	9.679	10.38
As1890	189.042	{4 Y_2243	ppm	0.9701	0.0112	1.156	0.978	0.9622
B_2496	249.678	{1 Y_3710	ppm	0.9827	0.047	4.78	0.9495	1.016
Ba4554	455.403	{ 7 Y_3710	ppm	1.002	0.0396	3.955	0.9743	1.03
Be3130	313.042	{1 Y_3710	ppm	0.4879	0.0208	4.264	0.4732	0.5026
Ca3158	315.887	{1 In2306	ppm	11.2	0.5335	4.765	10.82	11.57
Ca3181	318.128	{1 In2306	ppm	11.09	0.4975	4.486	10.74	11.44
Cd2288	228.802	{4 Y_2243	ppm	0.4746	0.0048	1.005	0.4779	0.4712
Co2286	228.616	{4 In2306	ppm	0.9552	0.0109	1.141	0.9629	0.9475
Cr2677	267.716	{1 Y_3600	ppm	0.9477	0.012	1.27	0.9562	0.9392
Cu3247	324.754	{1 Y_3600	ppm	0.9586	0.0016	0.1652	0.9597	0.9574
Fe2404	240.488	{1 In2306	ppm	9.477	0.5371	5.668	9.097	9.857
K_7664	766.490	{ 4 Y_3710	ppm	11.84	0.4975	4.203	11.49	12.19
K_7698	769.896	{ 4 Y_3710	ppm	11.22	0.4893	4.361	10.87	11.57
Li6707	670.784	{ 5 Y_3710	ppm	0.5802	0.0259	4.459	0.5619	0.5985
Mg2790	279.079	{1 Y_3710	ppm	9.429	0.2447	2.595	9.256	9.602
Mn2576	257.610	{1 Y_3600	ppm	0.9483	0.005	0.5287	0.9518	0.9448
Mn2576-2	257.610	{1 Y_3710	ppm	0.9601	0.0397	4.135	0.932	0.9882
Mo2020	202.030	{4 Y_2243	ppm	0.9939	0.0137	1.382	1.004	0.9842
Na5895	589.592	{ 5 Y_3710	ppm	11.62	0.5171	4.45	11.25	11.99
Na8183	818.326	{ 4 Y_3710	ppm	10.67	0.4796	4.493	10.33	11.01
Ni2316	231.604	{4 In2306	ppm	0.9699	0.0106	1.092	0.9774	0.9624
P_1782	178.284	{4 In2306	ppm	0.0166	0.0003	1.652	0.0164	0.0168
Pb2203	220.353	{4 In2306	ppm	0.9794	0.0081	0.8285	0.9851	0.9736
S_1820	182.034	{4 Y_2243	ppm	-29.07	0.2261	0.7776	-29.23	-28.91
Sb2068	206.833	{4 Y_2243	ppm	0.9625	0.0159	1.648	0.9737	0.9513
Se1960	196.090	{4 Y_2243	ppm	0.9976	0.0064	0.6443	1.002	0.9931
Si2516	251.611	{1 Y_3710	ppm	1.203	0.0625	5.195	1.159	1.247
Sn1899	189.989	{4 In2306	ppm	0.9941	0.0125	1.257	1.003	0.9853
Sr4215	421.552	{ 8 Y_3710	ppm	0.5121	0.0208	4.067	0.4974	0.5268
Ti3349	334.904	{1 Y_3600	ppm	0.9771	0.0074	0.7568	0.9824	0.9719
Tl1908	190.856	{4 In2306	ppm	1.007	0.0149	1.482	1.018	0.9965
V_2924	292.402	{1 Y_3600	ppm	0.908	0.0016	0.1779	0.9091	0.9068
Zn2062	206.200	{4 In2306	ppm	0.9299	0.01	1.077	0.937	0.9228

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.352	2.0938	4.1583	51.833	48.872
In2306	230.606	{4 Cts/S	9592	0.459	0.00479	9592.4	9591.7
Y_2243	224.306	{4 Cts/S	12682	10.415	0.08213	12689	12674
Y_3600	360.073	{ 9 Cts/S	111540	163.75	0.14681	111420	111650
Y_3710	371.030	{ 9 Cts/S	6860.9	252.19	3.6757	7039.2	6682.5

[Sample Header]
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SampleName=600-48440-A-8-D MSD
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:34:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4947	0.0032	0.6416	0.4925	0.497
Al3082	308.215	{1 In2306	ppm	10.22	0.1221	1.195	10.31	10.13
As1890	189.042	{4 Y_2243	ppm	0.9986	0.0097	0.9693	0.9917	1.005
B_2496	249.678	{1 Y_3710	ppm	1.016	0.0112	1.106	1.024	1.009
Ba4554	455.403	{ 7 Y_3710	ppm	1.029	0.0057	0.5531	1.033	1.025
Be3130	313.042	{1 Y_3710	ppm	0.5035	0.0026	0.5145	0.5054	0.5017
Ca3158	315.887	{1 In2306	ppm	11.48	0.1687	1.469	11.6	11.36
Ca3181	318.128	{1 In2306	ppm	11.24	0.3109	2.766	11.46	11.02
Cd2288	228.802	{4 Y_2243	ppm	0.4896	0.0021	0.4218	0.4881	0.491
Co2286	228.616	{4 In2306	ppm	0.9855	0.0038	0.3825	0.9828	0.9881
Cr2677	267.716	{1 Y_3600	ppm	0.9597	0.0069	0.7155	0.9549	0.9646
Cu3247	324.754	{1 Y_3600	ppm	0.9794	0.0093	0.9498	0.9728	0.986
Fe2404	240.488	{1 In2306	ppm	9.661	0.0678	0.7015	9.709	9.613
K_7664	766.490	{ 4 Y_3710	ppm	12.1	0.1144	0.9455	12.18	12.02
K_7698	769.896	{ 4 Y_3710	ppm	11.29	0.0992	0.8785	11.36	11.22
Li6707	670.784	{ 5 Y_3710	ppm	0.5899	0.0062	1.051	0.5943	0.5856
Mg2790	279.079	{1 Y_3710	ppm	9.774	0.0768	0.7859	9.828	9.72
Mn2576	257.610	{1 Y_3600	ppm	0.9584	0.0049	0.5102	0.955	0.9619
Mn2576-2	257.610	{1 Y_3710	ppm	0.9972	0.009	0.9057	1.004	0.9908
Mo2020	202.030	{4 Y_2243	ppm	1.028	0.0044	0.4238	1.025	1.031
Na5895	589.592	{ 5 Y_3710	ppm	11.81	0.1204	1.019	11.9	11.73
Na8183	818.326	{ 4 Y_3710	ppm	10.77	0.0982	0.9118	10.7	10.84
Ni2316	231.604	{4 In2306	ppm	1.003	0.0044	0.4375	0.9998	1.006
P_1782	178.284	{4 In2306	ppm	0.0175	0.0006	3.655	0.018	0.0171
Pb2203	220.353	{4 In2306	ppm	1.007	0.0046	0.4588	1.003	1.01
S_1820	182.034	{4 Y_2243	ppm	-29.84	0.0563	0.1887	-29.88	-29.8
Sb2068	206.833	{4 Y_2243	ppm	1.006	0	0.0009	1.006	1.006
Se1960	196.090	{4 Y_2243	ppm	1.029	0.0032	0.3152	1.026	1.031
Si2516	251.611	{1 Y_3710	ppm	1.27	0.0235	1.852	1.287	1.254
Sn1899	189.989	{4 In2306	ppm	1.026	0.0052	0.5048	1.022	1.029
Sr4215	421.552	{ 8 Y_3710	ppm	0.5282	0.0038	0.7172	0.5309	0.5255
Ti3349	334.904	{1 Y_3600	ppm	0.9948	0.0018	0.1794	0.9961	0.9936
Tl1908	190.856	{4 In2306	ppm	1.041	0.0016	0.1577	1.04	1.042
V_2924	292.402	{1 Y_3600	ppm	0.9206	0.0053	0.5705	0.9169	0.9243
Zn2062	206.200	{4 In2306	ppm	0.9603	0.0032	0.3297	0.958	0.9625

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.08	0.4756	0.94969	49.744	50.416
In2306	230.606	{4 Cts/S	9458.9	46.973	0.4966	9492.1	9425.7
Y_2243	224.306	{4 Cts/S	12512	60.759	0.48559	12555	12469
Y_3600	360.073	{ 9 Cts/S	110610	519.96	0.47008	110980	110240
Y_3710	371.030	{ 9 Cts/S	6736.6	52.665	0.78177	6699.4	6773.8

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:36:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0003	3127	-0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	0.8902	0.0012	0.1369	0.8911	0.8893
As1890	189.042	{4 Y_2243	ppm	0.0117	0.0063	53.79	0.0072	0.0161
B_2496	249.678	{1 Y_3710	ppm	0.3394	0.0258	7.616	0.3211	0.3577
Ba4554	455.403	{ 7 Y_3710	ppm	0.1057	0.0062	5.856	0.1013	0.11
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	89.96	0.0003	0.0001
Ca3158	315.887	{1 In2306	ppm	60.86	1.856	3.05	59.54	62.17
Ca3181	318.128	{1 In2306	ppm	59.72	1.954	3.273	58.33	61.1
Cd2288	228.802	{4 Y_2243	ppm	0.0037	0.0042	115.9	0.0007	0.0066
Co2286	228.616	{4 In2306	ppm	0.0097	0.009	93.11	0.0033	0.016
Cr2677	267.716	{1 Y_3600	ppm	0.0021	0.0002	9.92	0.0022	0.0019
Cu3247	324.754	{1 Y_3600	ppm	0.0847	0.0008	0.9375	0.0853	0.0842
Fe2404	240.488	{1 In2306	ppm	0.5684	0.0151	2.654	0.5577	0.579
K_7664	766.490	{ 4 Y_3710	ppm	13.21	0.4106	3.108	12.92	13.5
K_7698	769.896	{ 4 Y_3710	ppm	12.59	0.5555	4.414	12.19	12.98
Li6707	670.784	{ 5 Y_3710	ppm	0.0157	0.0006	3.653	0.0153	0.0161
Mg2790	279.079	{1 Y_3710	ppm	7.314	0.543	7.425	6.93	7.698
Mn2576	257.610	{1 Y_3600	ppm	0.4551	0.0003	0.0613	0.4553	0.4549
Mn2576-2	257.610	{1 Y_3710	ppm	0.4553	0.0304	6.676	0.4339	0.4768
Mo2020	202.030	{4 Y_2243	ppm	0.0177	0.0104	58.59	0.0104	0.0251
Na5895	589.592	{ 5 Y_3710	ppm	223.3	23.19	10.39	206.9	239.6
Na8183	818.326	{ 4 Y_3710	ppm	227.2	11.84	5.212	218.8	235.6
Ni2316	231.604	{4 In2306	ppm	0.0147	0.0087	58.78	0.0086	0.0209
P_1782	178.284	{4 In2306	ppm	0.549	0.0299	5.454	0.5701	0.5278
Pb2203	220.353	{4 In2306	ppm	0.0079	0.0069	88.06	0.003	0.0128
S_1820	182.034	{4 Y_2243	ppm	-13080	619.5	4.736	-13520	-12640
Sb2068	206.833	{4 Y_2243	ppm	0.0256	0.0095	37.03	0.0189	0.0323
Se1960	196.090	{4 Y_2243	ppm	0.0066	0.0062	93.6	0.0022	0.011
Si2516	251.611	{1 Y_3710	ppm	3.983	0.2329	5.848	3.818	4.147
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0105	96.68	0.0034	0.0182
Sr4215	421.552	{ 8 Y_3710	ppm	0.5061	0.0318	6.286	0.4836	0.5286
Ti3349	334.904	{1 Y_3600	ppm	0.0051	0	0.1582	0.0051	0.0051
Tl1908	190.856	{4 In2306	ppm	0.0074	0.0093	125.6	0.0008	0.014
V_2924	292.402	{1 Y_3600	ppm	0.0023	0.0004	19.29	0.0026	0.002
Zn2062	206.200	{4 In2306	ppm	0.1866	0.0009	0.5061	0.1872	0.1859

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.507	0.05807	0.11971	48.548	48.466
In2306	230.606	{4 Cts/S	8733.6	289.56	3.3155	8528.8	8938.3
Y_2243	224.306	{4 Cts/S	12077	382.57	3.1679	11806	12347
Y_3600	360.073	{ 9 Cts/S	101750	118	0.11597	101670	101840
Y_3710	371.030	{ 9 Cts/S	6831.1	331.84	4.8577	7065.8	6596.5

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:39:31
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0	10.09	0.0001	0.0001
Al3082	308.215	{1 In2306	ppm	1.898	0.0315	1.661	1.876	1.92
As1890	189.042	{4 Y_2243	ppm	0.0003	0.0006	180	0.0008	-0.0001
B_2496	249.678	{1 Y_3710	ppm	0.0554	0.0062	11.18	0.0511	0.0598
Ba4554	455.403	{ 7 Y_3710	ppm	0.0277	0.0017	6.053	0.0265	0.0288
Be3130	313.042	{1 Y_3710	ppm	0.0002	0	19.31	0.0002	0.0002
Ca3158	315.887	{1 In2306	ppm	27.73	1.324	4.773	26.8	28.67
Ca3181	318.128	{1 In2306	ppm	27.52	1.517	5.513	26.45	28.59
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0.0001	40.77	0.0002	0.0004
Co2286	228.616	{4 In2306	ppm	0.0007	0.0003	36.28	0.0006	0.0009
Cr2677	267.716	{1 Y_3600	ppm	0.0071	0.0006	8.908	0.0075	0.0066
Cu3247	324.754	{1 Y_3600	ppm	0.0076	0.001	12.86	0.0083	0.0069
Fe2404	240.488	{1 In2306	ppm	1.429	0.1407	9.85	1.329	1.528
K_7664	766.490	{ 4 Y_3710	ppm	1.163	0.1059	9.107	1.088	1.238
K_7698	769.896	{ 4 Y_3710	ppm	1.256	0.0696	5.536	1.207	1.306
Li6707	670.784	{ 5 Y_3710	ppm	0.0024	0.0004	15.44	0.0021	0.0026
Mg2790	279.079	{1 Y_3710	ppm	0.7332	0.0439	5.992	0.7022	0.7643
Mn2576	257.610	{1 Y_3600	ppm	0.0342	0.0028	8.243	0.0362	0.0322
Mn2576-2	257.610	{1 Y_3710	ppm	0.0358	0.0039	10.81	0.0331	0.0386
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0005	21.95	0.002	0.0027
Na5895	589.592	{ 5 Y_3710	ppm	1.224	0.0704	5.748	1.175	1.274
Na8183	818.326	{ 4 Y_3710	ppm	1.177	0.0166	1.412	1.165	1.189
Ni2316	231.604	{4 In2306	ppm	0.0015	0.0001	9.823	0.0014	0.0016
P_1782	178.284	{4 In2306	ppm	0.2473	0.0004	0.1523	0.247	0.2476
Pb2203	220.353	{4 In2306	ppm	0.0108	0.0001	1.123	0.0107	0.0109
S_1820	182.034	{4 Y_2243	ppm	-279.6	39.21	14.03	-251.8	-307.3
Sb2068	206.833	{4 Y_2243	ppm	0.0082	0.0004	5.333	0.0086	0.0079
Se1960	196.090	{4 Y_2243	ppm	0.001	0.002	198.1	0.0024	-0.0004
Si2516	251.611	{1 Y_3710	ppm	4.611	0.3877	8.407	4.337	4.885
Sn1899	189.989	{4 In2306	ppm	0.0016	0.0003	21.1	0.0014	0.0019
Sr4215	421.552	{ 8 Y_3710	ppm	0.042	0.0031	7.278	0.0399	0.0442
Ti3349	334.904	{1 Y_3600	ppm	0.073	0.0075	10.25	0.0783	0.0677
Tl1908	190.856	{4 In2306	ppm	0.0009	0.0007	75	0.0014	0.0004
V_2924	292.402	{1 Y_3600	ppm	0.0039	0.0002	5.148	0.0037	0.004
Zn2062	206.200	{4 In2306	ppm	0.5839	0.0035	0.5909	0.5864	0.5815

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.247	1.4013	3.03	47.238	45.256
In2306	230.606	{4 Cts/S	9800.5	13.733	0.14013	9810.2	9790.8
Y_2243	224.306	{4 Cts/S	12640	11.887	0.09404	12649	12632
Y_3600	360.073	{ 9 Cts/S	112660	6936	6.1565	107760	117570
Y_3710	371.030	{ 9 Cts/S	6552.8	412	6.2874	6844.1	6261.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:42:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0003	0.0005	177.5	0.0007	-0.0001
Al3082	308.215	{1 In2306	ppm	4.005	0.2485	6.204	4.181	3.83
As1890	189.042	{4 Y_2243	ppm	0.0023	0.0001	5.297	0.0024	0.0022
B_2496	249.678	{1 Y_3710	ppm	0.0142	0.0171	119.8	0.0263	0.0022
Ba4554	455.403	{ 7 Y_3710	ppm	0.0679	0.0037	5.411	0.0705	0.0653
Be3130	313.042	{1 Y_3710	ppm	0.0005	0.0004	87.24	0.0002	0.0008
Ca3158	315.887	{1 In2306	ppm	52.77	3.639	6.897	55.34	50.2
Ca3181	318.128	{1 In2306	ppm	52.1	3.633	6.972	54.67	49.53
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	15.63	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0014	0	2.714	0.0014	0.0014
Cr2677	267.716	{1 Y_3600	ppm	0.0085	0.0002	2.576	0.0083	0.0087
Cu3247	324.754	{1 Y_3600	ppm	0.0151	0.0002	1.509	0.0152	0.0149
Fe2404	240.488	{1 In2306	ppm	2.271	0.1633	7.189	2.387	2.156
K_7664	766.490	{ 4 Y_3710	ppm	4.439	0.2452	5.524	4.613	4.266
K_7698	769.896	{ 4 Y_3710	ppm	4.31	0.1731	4.016	4.432	4.187
Li6707	670.784	{ 5 Y_3710	ppm	0.0045	0.0005	10.12	0.0042	0.0048
Mg2790	279.079	{1 Y_3710	ppm	4.518	0.3099	6.86	4.737	4.299
Mn2576	257.610	{1 Y_3600	ppm	0.1595	0.0008	0.4921	0.159	0.1601
Mn2576-2	257.610	{1 Y_3710	ppm	0.159	0.0079	4.979	0.1645	0.1534
Mo2020	202.030	{4 Y_2243	ppm	0.0011	0.0001	9.344	0.001	0.0011
Na5895	589.592	{ 5 Y_3710	ppm	4.305	0.2368	5.5	4.472	4.137
Na8183	818.326	{ 4 Y_3710	ppm	4.031	0.3279	8.135	4.262	3.799
Ni2316	231.604	{4 In2306	ppm	0.0033	0	1.121	0.0033	0.0032
P_1782	178.284	{4 In2306	ppm	0.4294	0.0041	0.9518	0.4323	0.4266
Pb2203	220.353	{4 In2306	ppm	0.0093	0.0017	18.6	0.0105	0.008
S_1820	182.034	{4 Y_2243	ppm	-4678	68.68	1.468	-4726	-4629
Sb2068	206.833	{4 Y_2243	ppm	0.0025	0.0006	22.06	0.0029	0.0021
Se1960	196.090	{4 Y_2243	ppm	0.0001	0.0005	437.3	0.0004	-0.0002
Si2516	251.611	{1 Y_3710	ppm	9.596	0.6125	6.383	10.03	9.163
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	69.58	0.0002	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	0.1221	0.0076	6.253	0.1275	0.1167
Ti3349	334.904	{1 Y_3600	ppm	0.1534	0.0017	1.093	0.1522	0.1545
Tl1908	190.856	{4 In2306	ppm	-0.0008	0.0019	244.1	0.0006	-0.0022
V_2924	292.402	{1 Y_3600	ppm	0.0092	0	0.2108	0.0092	0.0092
Zn2062	206.200	{4 In2306	ppm	0.0919	0.0031	3.413	0.0897	0.0942

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.831	2.7634	5.5456	47.877	51.785
In2306	230.606	{4 Cts/S	9467.1	59.44	0.62785	9425.1	9509.2
Y_2243	224.306	{4 Cts/S	12458	61.079	0.49028	12415	12501
Y_3600	360.073	{ 9 Cts/S	108880	241.38	0.2217	109050	108710
Y_3710	371.030	{ 9 Cts/S	6773.5	332.72	4.9121	6538.2	7008.7

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Username=admin
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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:44:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0003	208.4	0.0004	-0.0001
Al3082	308.215	{1 In2306	ppm	0.9497	0.0401	4.218	0.9214	0.978
As1890	189.042	{4 Y_2243	ppm	0.0056	0.0009	15.34	0.005	0.0062
B_2496	249.678	{1 Y_3710	ppm	0.3303	0.0205	6.194	0.3158	0.3447
Ba4554	455.403	{ 7 Y_3710	ppm	0.111	0.0003	0.2465	0.1108	0.1112
Be3130	313.042	{1 Y_3710	ppm	0.0002	0.0001	62.13	0.0001	0.0003
Ca3158	315.887	{1 In2306	ppm	62.37	2.027	3.25	63.8	60.94
Ca3181	318.128	{1 In2306	ppm	61.53	2.141	3.479	63.05	60.02
Cd2288	228.802	{4 Y_2243	ppm	0.0003	0	6.058	0.0003	0.0002
Co2286	228.616	{4 In2306	ppm	0.0025	0.0001	2.476	0.0025	0.0025
Cr2677	267.716	{1 Y_3600	ppm	0.0022	0.0002	8.024	0.0021	0.0024
Cu3247	324.754	{1 Y_3600	ppm	0.0866	0.0019	2.194	0.088	0.0853
Fe2404	240.488	{1 In2306	ppm	0.6508	0.018	2.759	0.6635	0.6381
K_7664	766.490	{ 4 Y_3710	ppm	13.31	0.2205	1.656	13.16	13.47
K_7698	769.896	{ 4 Y_3710	ppm	12.76	0.1978	1.55	12.62	12.9
Li6707	670.784	{ 5 Y_3710	ppm	0.0157	0.0003	1.844	0.0155	0.0159
Mg2790	279.079	{1 Y_3710	ppm	7.543	0.0088	0.1161	7.549	7.537
Mn2576	257.610	{1 Y_3600	ppm	0.4598	0.003	0.6553	0.462	0.4577
Mn2576-2	257.610	{1 Y_3710	ppm	0.4658	0.0026	0.5674	0.4677	0.4639
Mo2020	202.030	{4 Y_2243	ppm	0.0075	0.0001	1.823	0.0076	0.0074
Na5895	589.592	{ 5 Y_3710	ppm	226.3	3.055	1.35	224.1	228.4
Na8183	818.326	{ 4 Y_3710	ppm	230.2	1.539	0.6685	229.1	231.3
Ni2316	231.604	{4 In2306	ppm	0.0072	0.0004	4.982	0.0069	0.0074
P_1782	178.284	{4 In2306	ppm	0.5979	0.0013	0.2214	0.5988	0.597
Pb2203	220.353	{4 In2306	ppm	0.0015	0.0009	55.84	0.0009	0.0021
S_1820	182.034	{4 Y_2243	ppm	-13560	34.88	0.2572	-13590	-13540
Sb2068	206.833	{4 Y_2243	ppm	-0.0001	0.0005	637.6	0.0003	-0.0005
Se1960	196.090	{4 Y_2243	ppm	0.0023	0.0011	49.59	0.0015	0.0031
Si2516	251.611	{1 Y_3710	ppm	4.201	0.0038	0.0902	4.198	4.204
Sn1899	189.989	{4 In2306	ppm	0.0006	0.0001	17.99	0.0005	0.0007
Sr4215	421.552	{ 8 Y_3710	ppm	0.5128	0.0026	0.502	0.511	0.5146
Ti3349	334.904	{1 Y_3600	ppm	0.0034	0.0003	9.187	0.0032	0.0037
Tl1908	190.856	{4 In2306	ppm	-0.0009	0.0001	9.148	-0.001	-0.0009
V_2924	292.402	{1 Y_3600	ppm	0.0021	0.0003	13.99	0.0019	0.0023
Zn2062	206.200	{4 In2306	ppm	0.1822	0.0006	0.3168	0.1826	0.1818

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.501	1.1166	2.3022	47.711	49.291
In2306	230.606	{4 Cts/S	8540.1	41.279	0.48335	8569.3	8511
Y_2243	224.306	{4 Cts/S	11747	56.784	0.48339	11787	11707
Y_3600	360.073	{ 9 Cts/S	101440	453.24	0.44681	101120	101760
Y_3710	371.030	{ 9 Cts/S	6791.1	20.499	0.30185	6805.6	6776.6

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:47:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0003	216.1	0.0003	-0.0001
Al3082	308.215	{1 In2306	ppm	-0.0024	0.0087	364.3	-0.0086	0.0038
As1890	189.042	{4 Y_2243	ppm	0	0.0015	19850	-0.0011	0.0011
B_2496	249.678	{1 Y_3710	ppm	0.147	0.0159	10.8	0.1358	0.1582
Ba4554	455.403	{ 7 Y_3710	ppm	0.0536	0.0001	0.1748	0.0535	0.0537
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	2501	-0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	68.53	1.847	2.695	67.23	69.84
Ca3181	318.128	{1 In2306	ppm	67.8	1.606	2.369	66.67	68.94
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	0.0784	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	24.88	0.0003	0.0002
Cr2677	267.716	{1 Y_3600	ppm	0.0004	0.0001	12.49	0.0005	0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0017	0.0002	12.05	0.0018	0.0015
Fe2404	240.488	{1 In2306	ppm	0.1362	0.0231	16.98	0.1198	0.1525
K_7664	766.490	{ 4 Y_3710	ppm	12.24	0.1612	1.318	12.35	12.12
K_7698	769.896	{ 4 Y_3710	ppm	11.89	0.142	1.194	11.99	11.79
Li6707	670.784	{ 5 Y_3710	ppm	0.0131	0.0005	4.069	0.0135	0.0128
Mg2790	279.079	{1 Y_3710	ppm	12.4	0.0545	0.4389	12.44	12.37
Mn2576	257.610	{1 Y_3600	ppm	0.0425	0.0001	0.2359	0.0426	0.0425
Mn2576-2	257.610	{1 Y_3710	ppm	0.043	0.0009	2.165	0.0423	0.0436
Mo2020	202.030	{4 Y_2243	ppm	0.02	0.0004	2.084	0.0203	0.0197
Na5895	589.592	{ 5 Y_3710	ppm	254.6	2.271	0.8918	253	256.2
Na8183	818.326	{ 4 Y_3710	ppm	261.5	1.157	0.4425	262.3	260.7
Ni2316	231.604	{4 In2306	ppm	0.004	0	0.7471	0.0039	0.004
P_1782	178.284	{4 In2306	ppm	0.0695	0.0038	5.399	0.0669	0.0722
Pb2203	220.353	{4 In2306	ppm	0.0003	0.0007	280.9	0.0008	-0.0003
S_1820	182.034	{4 Y_2243	ppm	-21050	448	2.128	-21370	-20730
Sb2068	206.833	{4 Y_2243	ppm	0.0021	0.0001	5.728	0.002	0.0022
Se1960	196.090	{4 Y_2243	ppm	0.0004	0.0009	196.8	-0.0002	0.001
Si2516	251.611	{1 Y_3710	ppm	1.207	0.0104	0.8583	1.199	1.214
Sn1899	189.989	{4 In2306	ppm	0.0002	0.0002	94.34	0.0001	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	0.8461	0.0021	0.2457	0.8476	0.8446
Ti3349	334.904	{1 Y_3600	ppm	0.0018	0	0.4049	0.0018	0.0018
Tl1908	190.856	{4 In2306	ppm	-0.0007	0.0012	187.3	-0.0015	0.0002
V_2924	292.402	{1 Y_3600	ppm	0.0026	0.0002	9.462	0.0024	0.0027
Zn2062	206.200	{4 In2306	ppm	0.0181	0.0014	7.481	0.0172	0.0191

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.608	0.74677	1.5053	50.136	49.08
In2306	230.606	{4 Cts/S	8432.1	111.19	1.3187	8353.5	8510.7
Y_2243	224.306	{4 Cts/S	11607	152.64	1.3151	11499	11715
Y_3600	360.073	{ 9 Cts/S	101120	617.91	0.61106	100680	101560
Y_3710	371.030	{ 9 Cts/S	6782.5	30.862	0.45502	6760.7	6804.3

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Custom ID3=
Run Time=1/14/2012 14:50:13
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0048	0.0001	2.115	0.0047	0.0049
Al3082	308.215	{1 In2306	ppm	0.2104	0.0382	18.15	0.2374	0.1834
As1890	189.042	{4 Y_2243	ppm	0.0032	0.001	31.13	0.0039	0.0025
B_2496	249.678	{1 Y_3710	ppm	0.0911	0.0007	0.748	0.0906	0.0916
Ba4554	455.403	{ 7 Y_3710	ppm	0.0475	0.0002	0.3929	0.0474	0.0477
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	130.5	0.0002	0
Ca3158	315.887	{1 In2306	ppm	29.5	0.2371	0.8039	29.33	29.67
Ca3181	318.128	{1 In2306	ppm	29.24	0.412	1.409	28.95	29.54
Cd2288	228.802	{4 Y_2243	ppm	0.0004	0	4.725	0.0004	0.0005
Co2286	228.616	{4 In2306	ppm	0.0008	0	5.066	0.0008	0.0009
Cr2677	267.716	{1 Y_3600	ppm	0.0802	0.0005	0.6281	0.0805	0.0798
Cu3247	324.754	{1 Y_3600	ppm	1.864	0.0139	0.7484	1.874	1.854
Fe2404	240.488	{1 In2306	ppm	2.648	0.0051	0.1945	2.651	2.644
K_7664	766.490	{ 4 Y_3710	ppm	10.05	0.0647	0.6443	10	10.09
K_7698	769.896	{ 4 Y_3710	ppm	10.08	0.0088	0.0872	10.08	10.09
Li6707	670.784	{ 5 Y_3710	ppm	0.0079	0.0002	2.112	0.008	0.0078
Mg2790	279.079	{1 Y_3710	ppm	3.26	0.0465	1.425	3.293	3.227
Mn2576	257.610	{1 Y_3600	ppm	0.0366	0.0002	0.446	0.0367	0.0365
Mn2576-2	257.610	{1 Y_3710	ppm	0.038	0.0018	4.732	0.0367	0.0392
Mo2020	202.030	{4 Y_2243	ppm	0.0112	0.0002	1.385	0.0111	0.0113
Na5895	589.592	{ 5 Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4 Y_3710	ppm	4259	66.69	1.566	4212	4306
Ni2316	231.604	{4 In2306	ppm	0.0796	0.0029	3.627	0.0817	0.0776
P_1782	178.284	{4 In2306	ppm	1.704	0.0466	2.737	1.737	1.671
Pb2203	220.353	{4 In2306	ppm	0.007	0.0017	24.43	0.0082	0.0058
S_1820	182.034	{4 Y_2243	ppm	-33680	187.2	0.5558	-33810	-33540
Sb2068	206.833	{4 Y_2243	ppm	-0.0001	0.0005	506	-0.0005	0.0003
Se1960	196.090	{4 Y_2243	ppm	0.0017	0.0007	40	0.0012	0.0021
Si2516	251.611	{1 Y_3710	ppm	4.205	0.0148	0.3509	4.195	4.216
Sn1899	189.989	{4 In2306	ppm	0.0086	0.0002	2.09	0.0087	0.0085
Sr4215	421.552	{ 8 Y_3710	ppm	0.1956	0.0002	0.1017	0.1955	0.1957
Ti3349	334.904	{1 Y_3600	ppm	0.0017	0.0001	5.738	0.0016	0.0018
Tl1908	190.856	{4 In2306	ppm	-0.0035	0.0003	9.424	-0.0032	-0.0037
V_2924	292.402	{1 Y_3600	ppm	0.0031	0.0003	10.39	0.0034	0.0029
Zn2062	206.200	{4 In2306	ppm	0.2535	0.0066	2.623	0.2582	0.2488

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.384	0.39373	0.84885	46.663	46.106
In2306	230.606	{4 Cts/S	6387.1	46.727	0.73158	6420.2	6354.1
Y_2243	224.306	{4 Cts/S	9717.5	70.166	0.72206	9767.1	9667.9
Y_3600	360.073	{ 9 Cts/S	80316	196.84	0.24508	80177	80455
Y_3710	371.030	{ 9 Cts/S	6591.8	20.885	0.31684	6606.6	6577

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2456	0.0092	3.762	0.2521	0.2391
Al3082	308.215	{1 In2306	ppm	2.293	0.181	7.893	2.165	2.421
As1890	189.042	{4 Y_2243	ppm	0.4736	0.0024	0.5076	0.4753	0.4719
B_2496	249.678	{1 Y_3710	ppm	0.479	0.0155	3.231	0.4899	0.468
Ba4554	455.403	{ 7 Y_3710	ppm	0.4899	0.0013	0.2639	0.4908	0.489
Be3130	313.042	{1 Y_3710	ppm	0.4811	0.0008	0.1573	0.4806	0.4817
Ca3158	315.887	{1 In2306	ppm	11.22	0.7143	6.368	10.71	11.72
Ca3181	318.128	{1 In2306	ppm	11.08	0.643	5.802	10.63	11.54
Cd2288	228.802	{4 Y_2243	ppm	0.4679	0	0.0045	0.4679	0.4679
Co2286	228.616	{4 In2306	ppm	0.471	0.0004	0.0894	0.4707	0.4713
Cr2677	267.716	{1 Y_3600	ppm	0.486	0.0207	4.262	0.5007	0.4714
Cu3247	324.754	{1 Y_3600	ppm	0.4925	0.0107	2.163	0.5	0.485
Fe2404	240.488	{1 In2306	ppm	2.236	0.1557	6.961	2.126	2.346
K_7664	766.490	{ 4 Y_3710	ppm	13.57	0.1254	0.9239	13.66	13.48
K_7698	769.896	{ 4 Y_3710	ppm	12.96	0.0114	0.0882	12.97	12.95
Li6707	670.784	{ 5 Y_3710	ppm	0.5313	0.0053	0.9914	0.535	0.5276
Mg2790	279.079	{1 Y_3710	ppm	4.57	0.0402	0.8804	4.542	4.598
Mn2576	257.610	{1 Y_3600	ppm	0.485	0.0202	4.173	0.4993	0.4707
Mn2576-2	257.610	{1 Y_3710	ppm	0.471	0.0032	0.6831	0.4687	0.4733
Mo2020	202.030	{4 Y_2243	ppm	0.4907	0.0013	0.2703	0.4917	0.4898
Na5895	589.592	{ 5 Y_3710	ppm	13.93	0.1615	1.159	14.05	13.82
Na8183	818.326	{ 4 Y_3710	ppm	12.8	0.1989	1.554	12.94	12.65
Ni2316	231.604	{4 In2306	ppm	0.478	0.0003	0.0673	0.4778	0.4783
P_1782	178.284	{4 In2306	ppm	0.0011	0.0019	179.2	-0.0003	0.0024
Pb2203	220.353	{4 In2306	ppm	0.4749	0.0002	0.0421	0.4747	0.475
S_1820	182.034	{4 Y_2243	ppm	-301.8	23.95	7.937	-284.9	-318.7
Sb2068	206.833	{4 Y_2243	ppm	0.4749	0.0011	0.2403	0.4757	0.4741
Se1960	196.090	{4 Y_2243	ppm	0.491	0.0009	0.1887	0.4904	0.4917
Si2516	251.611	{1 Y_3710	ppm	0.8885	0.0235	2.643	0.8719	0.9051
Sn1899	189.989	{4 In2306	ppm	0.484	0.0008	0.1698	0.4834	0.4846
Sr4215	421.552	{ 8 Y_3710	ppm	0.25	0.0004	0.1594	0.2503	0.2497
Ti3349	334.904	{1 Y_3600	ppm	0.5021	0.0207	4.115	0.5167	0.4875
Tl1908	190.856	{4 In2306	ppm	0.4972	0.0015	0.3012	0.4983	0.4962
V_2924	292.402	{1 Y_3600	ppm	0.4725	0.0182	3.844	0.4853	0.4596
Zn2062	206.200	{4 In2306	ppm	0.4606	0.0008	0.1792	0.46	0.4612

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	52.281	2.8358	5.424	54.286	50.276
In2306	230.606	{4 Cts/S	9683	47.841	0.49407	9716.8	9649.2
Y_2243	224.306	{4 Cts/S	12705	52.879	0.41621	12742	12667
Y_3600	360.073	{ 9 Cts/S	107720	3151.2	2.9255	105490	109950
Y_3710	371.030	{ 9 Cts/S	6856.3	0.54399	0.00793	6855.9	6856.7

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.004	0.0001	2.201	0.004	0.0041
Al3082	308.215	{1 In2306	ppm	0.1318	0.0408	30.99	0.1029	0.1606
As1890	189.042	{4 Y_2243	ppm	0.0079	0.001	12.22	0.0072	0.0086
B_2496	249.678	{1 Y_3710	ppm	0.0101	0.0066	65.33	0.0054	0.0147
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0.0002	2.314	0.0094	0.0097
Be3130	313.042	{1 Y_3710	ppm	0.0048	0	0.2757	0.0047	0.0048
Ca3158	315.887	{1 In2306	ppm	0.0814	0.0161	19.75	0.0928	0.07
Ca3181	318.128	{1 In2306	ppm	0.065	0.0385	59.27	0.0922	0.0378
Cd2288	228.802	{4 Y_2243	ppm	0.0052	0.0009	16.43	0.0046	0.0058
Co2286	228.616	{4 In2306	ppm	0.0099	0.0011	11.37	0.0091	0.0107
Cr2677	267.716	{1 Y_3600	ppm	0.009	0.0005	5.639	0.0087	0.0094
Cu3247	324.754	{1 Y_3600	ppm	0.0093	0.0008	9.066	0.0087	0.0099
Fe2404	240.488	{1 In2306	ppm	0.0978	0.0057	5.858	0.1018	0.0937
K_7664	766.490	{ 4 Y_3710	ppm	0.6865	0.0009	0.1367	0.6859	0.6872
K_7698	769.896	{ 4 Y_3710	ppm	0.7807	0.024	3.078	0.7637	0.7977
Li6707	670.784	{ 5 Y_3710	ppm	0.0105	0.0002	1.6	0.0104	0.0106
Mg2790	279.079	{1 Y_3710	ppm	0.0432	0.0382	88.6	0.0161	0.0702
Mn2576	257.610	{1 Y_3600	ppm	0.0094	0.0006	6.499	0.009	0.0098
Mn2576-2	257.610	{1 Y_3710	ppm	0.0074	0.0005	6.412	0.0077	0.007
Mo2020	202.030	{4 Y_2243	ppm	0.0114	0.0017	15.28	0.0102	0.0127
Na5895	589.592	{ 5 Y_3710	ppm	1.193	0.0197	1.651	1.207	1.179
Na8183	818.326	{ 4 Y_3710	ppm	0.7829	0.0815	10.41	0.7253	0.8405
Ni2316	231.604	{4 In2306	ppm	0.0101	0.0012	12.18	0.0092	0.011
P_1782	178.284	{4 In2306	ppm	0.0089	0.0001	1.055	0.0088	0.009
Pb2203	220.353	{4 In2306	ppm	0.0106	0.0005	5.015	0.0102	0.011
S_1820	182.034	{4 Y_2243	ppm	-5.938	0.7774	13.09	-5.389	-6.488
Sb2068	206.833	{4 Y_2243	ppm	0.0163	0.0014	8.492	0.0153	0.0173
Se1960	196.090	{4 Y_2243	ppm	0.0096	0.0009	9.57	0.009	0.0103
Si2516	251.611	{1 Y_3710	ppm	0.0167	0.0345	206.2	0.0411	-0.0077
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0015	14.31	0.0097	0.0118
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0	0.8072	0.0047	0.0046
Ti3349	334.904	{1 Y_3600	ppm	0.0099	0.0007	6.751	0.0094	0.0104
Tl1908	190.856	{4 In2306	ppm	0.0098	0.0005	4.765	0.0095	0.0101
V_2924	292.402	{1 Y_3600	ppm	0.0088	0.0004	4.627	0.0085	0.0091
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0013	13.6	0.0086	0.0105

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.475	2.478	4.9094	52.227	48.723
In2306	230.606	{4 Cts/S	10160	420.26	4.1363	10457	9862.9
Y_2243	224.306	{4 Cts/S	12817	518.26	4.0436	13183	12450
Y_3600	360.073	{ 9 Cts/S	115500	5351.6	4.6334	119280	111720
Y_3710	371.030	{ 9 Cts/S	6923.3	14.569	0.21044	6913	6933.6

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 14:58:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0002	318.9	-0.0001	0.0002
Al3082	308.215	{1 In2306	ppm	0.0243	0.0975	401.8	-0.0447	0.0932
As1890	189.042	{4 Y_2243	ppm	-0.001	0.0001	13.5	-0.0009	-0.0011
B_2496	249.678	{1 Y_3710	ppm	-0.0025	0.0052	209.8	0.0012	-0.0062
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0002	0.0003	164.3	0	-0.0004
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	37.84	-0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0092	0.0234	255.8	0.0074	-0.0257
Ca3181	318.128	{1 In2306	ppm	0.0061	0.0008	13.66	0.0067	0.0055
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	4.067	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0001	0.0001	146.5	0	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0	21.34	-0.0003	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	-0.0004	0.0003	70.64	-0.0002	-0.0006
Fe2404	240.488	{1 In2306	ppm	0.0066	0.0113	170.3	-0.0014	0.0147
K_7664	766.490	{ 4 Y_3710	ppm	0.0635	0.0133	20.97	0.0541	0.0729
K_7698	769.896	{ 4 Y_3710	ppm	0.2161	0.008	3.721	0.2104	0.2218
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0	15.31	0.0001	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0191	0.0064	33.24	-0.0146	-0.0236
Mn2576	257.610	{1 Y_3600	ppm	0	0	10050	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0009	0.0011	132.3	-0.0001	-0.0016
Mo2020	202.030	{4 Y_2243	ppm	0.0002	0.0001	30.74	0.0002	0.0003
Na5895	589.592	{ 5 Y_3710	ppm	0.4339	0.0068	1.56	0.4291	0.4387
Na8183	818.326	{ 4 Y_3710	ppm	0.4788	0.0965	20.14	0.547	0.4106
Ni2316	231.604	{4 In2306	ppm	0.0002	0.0002	76.83	0.0001	0.0003
P_1782	178.284	{4 In2306	ppm	0	0.0004	906.1	0.0003	-0.0003
Pb2203	220.353	{4 In2306	ppm	0.0006	0.0005	86.66	0.0002	0.001
S_1820	182.034	{4 Y_2243	ppm	-4.37	0.187	4.28	-4.502	-4.238
Sb2068	206.833	{4 Y_2243	ppm	0.0016	0.0007	43.39	0.0011	0.0021
Se1960	196.090	{4 Y_2243	ppm	-0.0003	0	8.864	-0.0004	-0.0003
Si2516	251.611	{1 Y_3710	ppm	-0.0033	0.0032	97.28	-0.001	-0.0055
Sn1899	189.989	{4 In2306	ppm	0.0001	0	13.76	0.0001	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0.0002	163.6	0	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0002	71.34	0.0002	0.0005
Tl1908	190.856	{4 In2306	ppm	-0.0009	0.0004	49.8	-0.0006	-0.0012
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0006	498.3	0.0003	-0.0006
Zn2062	206.200	{4 In2306	ppm	0.0001	0.0001	41.32	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.567	4.952	9.9907	53.068	46.065
In2306	230.606	{4 Cts/S	10257	46.483	0.45318	10224	10290
Y_2243	224.306	{4 Cts/S	12877	21.691	0.16845	12862	12892
Y_3600	360.073	{ 9 Cts/S	113640	1057.3	0.93038	114390	112890
Y_3710	371.030	{ 9 Cts/S	6776.1	280.63	4.1415	6974.6	6577.7

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:00:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0005	592.5	-0.0004	0.0003
Al3082	308.215	{1 In2306	ppm	0.4699	0.0038	0.8116	0.4672	0.4726
As1890	189.042	{4 Y_2243	ppm	-0.0009	0.0005	51.12	-0.0013	-0.0006
B_2496	249.678	{1 Y_3710	ppm	0.0182	0.0017	9.222	0.0194	0.017
Ba4554	455.403	{ 7 Y_3710	ppm	0.0223	0.0003	1.333	0.0225	0.0221
Be3130	313.042	{1 Y_3710	ppm	0.0001	0.0001	102.3	0	0.0001
Ca3158	315.887	{1 In2306	ppm	3.933	0.1363	3.466	3.837	4.029
Ca3181	318.128	{1 In2306	ppm	3.962	0.0574	1.449	3.922	4.003
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0.0001	39.05	0.0002	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	5.079	0.0003	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.001	0.0003	34.01	0.0013	0.0008
Cu3247	324.754	{1 Y_3600	ppm	0.0044	0.0002	3.506	0.0042	0.0045
Fe2404	240.488	{1 In2306	ppm	0.3899	0.0009	0.2273	0.3893	0.3906
K_7664	766.490	{ 4 Y_3710	ppm	13.29	0.3193	2.404	13.51	13.06
K_7698	769.896	{ 4 Y_3710	ppm	12.57	0.2681	2.133	12.76	12.38
Li6707	670.784	{ 5 Y_3710	ppm	0.0009	0.0007	77.62	0.0004	0.0014
Mg2790	279.079	{1 Y_3710	ppm	0.8602	0.0353	4.109	0.8352	0.8852
Mn2576	257.610	{1 Y_3600	ppm	0.0102	0.0001	0.7197	0.0101	0.0102
Mn2576-2	257.610	{1 Y_3710	ppm	0.0093	0.0001	0.9591	0.0093	0.0092
Mo2020	202.030	{4 Y_2243	ppm	0.0007	0.0001	10.5	0.0007	0.0006
Na5895	589.592	{ 5 Y_3710	ppm	3.189	0.1009	3.164	3.261	3.118
Na8183	818.326	{ 4 Y_3710	ppm	2.78	0.043	1.547	2.75	2.81
Ni2316	231.604	{4 In2306	ppm	0.0012	0	0.208	0.0012	0.0012
P_1782	178.284	{4 In2306	ppm	0.8074	0.0034	0.4247	0.805	0.8098
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0001	13.45	0.0008	0.001
S_1820	182.034	{4 Y_2243	ppm	-657.6	4.455	0.6775	-654.5	-660.8
Sb2068	206.833	{4 Y_2243	ppm	-0.0002	0.0013	792.9	-0.0011	0.0008
Se1960	196.090	{4 Y_2243	ppm	0.0022	0.0005	20.78	0.0025	0.0019
Si2516	251.611	{1 Y_3710	ppm	1.435	0.0128	0.8929	1.444	1.426
Sn1899	189.989	{4 In2306	ppm	0	0	96.76	0	0
Sr4215	421.552	{ 8 Y_3710	ppm	0.017	0.0002	1.421	0.0171	0.0168
Ti3349	334.904	{1 Y_3600	ppm	0.0025	0.0003	10.57	0.0023	0.0027
Tl1908	190.856	{4 In2306	ppm	-0.0001	0.0004	275.6	-0.0004	0.0001
V_2924	292.402	{1 Y_3600	ppm	0.0012	0.0001	4.913	0.0012	0.0012
Zn2062	206.200	{4 In2306	ppm	0.0601	0.0005	0.7953	0.0598	0.0605

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.096	0.47712	0.99201	48.434	47.759
In2306	230.606	{4 Cts/S	9884	208.78	2.1123	10032	9736.4
Y_2243	224.306	{4 Cts/S	12681	264.96	2.0894	12869	12494
Y_3600	360.073	{ 9 Cts/S	111770	567.37	0.50763	112170	111370
Y_3710	371.030	{ 9 Cts/S	6786.1	38.665	0.56977	6758.7	6813.4

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:03:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0.0003	168.4	0.0004	0
Al3082	308.215	{1 In2306	ppm	0.4305	0.0641	14.89	0.4758	0.3852
As1890	189.042	{4 Y_2243	ppm	-0.0012	0	0.0121	-0.0012	-0.0012
B_2496	249.678	{1 Y_3710	ppm	0.0316	0.0189	59.98	0.045	0.0182
Ba4554	455.403	{ 7 Y_3710	ppm	0.0334	0.0032	9.438	0.0356	0.0312
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	356.5	0.0001	0
Ca3158	315.887	{1 In2306	ppm	5.571	0.3763	6.755	5.837	5.305
Ca3181	318.128	{1 In2306	ppm	5.579	0.2045	3.666	5.724	5.435
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	7.557	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0003	0	18.08	0.0002	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0006	0.0004	60.66	0.0009	0.0004
Cu3247	324.754	{1 Y_3600	ppm	0.0057	0.0003	4.653	0.0055	0.0059
Fe2404	240.488	{1 In2306	ppm	0.3885	0.0574	14.77	0.429	0.3479
K_7664	766.490	{ 4 Y_3710	ppm	22.47	1.955	8.699	23.85	21.09
K_7698	769.896	{ 4 Y_3710	ppm	21.25	1.755	8.262	22.49	20.01
Li6707	670.784	{ 5 Y_3710	ppm	0.0007	0.0001	12.45	0.0008	0.0007
Mg2790	279.079	{1 Y_3710	ppm	1.347	0.141	10.46	1.447	1.247
Mn2576	257.610	{1 Y_3600	ppm	0.0138	0.0001	0.8307	0.0137	0.0139
Mn2576-2	257.610	{1 Y_3710	ppm	0.0144	0.0006	4.349	0.014	0.0149
Mo2020	202.030	{4 Y_2243	ppm	0.0008	0	5.612	0.0008	0.0008
Na5895	589.592	{ 5 Y_3710	ppm	3.624	0.3272	9.029	3.855	3.393
Na8183	818.326	{ 4 Y_3710	ppm	3.189	0.2422	7.594	3.36	3.018
Ni2316	231.604	{4 In2306	ppm	0.0013	0.0001	8.963	0.0014	0.0012
P_1782	178.284	{4 In2306	ppm	1.193	0.0014	0.1202	1.192	1.194
Pb2203	220.353	{4 In2306	ppm	0.0018	0.0001	3.071	0.0019	0.0018
S_1820	182.034	{4 Y_2243	ppm	-832.4	0.7655	0.092	-831.8	-832.9
Sb2068	206.833	{4 Y_2243	ppm	-0.0009	0.0003	33.94	-0.0011	-0.0007
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0001	79.72	-0.0002	-0.0001
Si2516	251.611	{1 Y_3710	ppm	1.588	0.1249	7.86	1.677	1.5
Sn1899	189.989	{4 In2306	ppm	0	0.0003	1052	-0.0002	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0258	0.0023	8.998	0.0274	0.0241
Ti3349	334.904	{1 Y_3600	ppm	0.0028	0.0001	3.767	0.0027	0.0028
Tl1908	190.856	{4 In2306	ppm	-0.0016	0.001	59.96	-0.0009	-0.0023
V_2924	292.402	{1 Y_3600	ppm	0.0008	0.0001	18.81	0.0007	0.0009
Zn2062	206.200	{4 In2306	ppm	0.0707	0	0.0237	0.0707	0.0707

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.868	2.361	5.0375	45.198	48.537
In2306	230.606	{4 Cts/S	9793.7	9.8911	0.10099	9786.7	9800.7
Y_2243	224.306	{4 Cts/S	12590	9.795	0.0778	12597	12583
Y_3600	360.073	{ 9 Cts/S	110780	532.56	0.48074	111160	110400
Y_3710	371.030	{ 9 Cts/S	6545.4	430.37	6.5751	6241	6849.7

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0004	616.9	0.0002	-0.0003
Al3082	308.215	{1 In2306	ppm	1.745	0.0686	3.933	1.696	1.793
As1890	189.042	{4 Y_2243	ppm	0.0023	0.0005	23.28	0.0019	0.0027
B_2496	249.678	{1 Y_3710	ppm	-0.0032	0.0092	284.5	0.0033	-0.0097
Ba4554	455.403	{ 7 Y_3710	ppm	0.0634	0	0.0286	0.0634	0.0634
Be3130	313.042	{1 Y_3710	ppm	0.0004	0.0001	32.42	0.0003	0.0005
Ca3158	315.887	{1 In2306	ppm	32.23	0.5968	1.852	31.81	32.65
Ca3181	318.128	{1 In2306	ppm	31.67	0.719	2.27	31.16	32.18
Cd2288	228.802	{4 Y_2243	ppm	0.0002	0	0.4043	0.0002	0.0002
Co2286	228.616	{4 In2306	ppm	0.0013	0.0001	4.114	0.0013	0.0014
Cr2677	267.716	{1 Y_3600	ppm	0.0044	0.0004	9.816	0.0041	0.0047
Cu3247	324.754	{1 Y_3600	ppm	0.0413	0.0004	0.9686	0.041	0.0416
Fe2404	240.488	{1 In2306	ppm	1.502	0.0409	2.72	1.473	1.531
K_7664	766.490	{ 4 Y_3710	ppm	1.932	0.0307	1.588	1.954	1.91
K_7698	769.896	{ 4 Y_3710	ppm	1.972	0.0007	0.0373	1.972	1.973
Li6707	670.784	{ 5 Y_3710	ppm	0.0026	0.0004	14.72	0.0023	0.0029
Mg2790	279.079	{1 Y_3710	ppm	2.058	0.0285	1.384	2.038	2.078
Mn2576	257.610	{1 Y_3600	ppm	0.1325	0.0018	1.37	0.1312	0.1338
Mn2576-2	257.610	{1 Y_3710	ppm	0.1341	0.0014	1.053	0.1351	0.1331
Mo2020	202.030	{4 Y_2243	ppm	0.0009	0.0001	9.332	0.0009	0.0008
Na5895	589.592	{ 5 Y_3710	ppm	4.482	0.0074	0.1659	4.487	4.476
Na8183	818.326	{ 4 Y_3710	ppm	3.986	0.057	1.431	4.026	3.946
Ni2316	231.604	{4 In2306	ppm	0.0026	0.0001	5.251	0.0025	0.0027
P_1782	178.284	{4 In2306	ppm	0.228	0.0062	2.74	0.2236	0.2324
Pb2203	220.353	{4 In2306	ppm	0.0135	0.0007	5.547	0.013	0.0141
S_1820	182.034	{4 Y_2243	ppm	-1302	1.122	0.0862	-1302	-1301
Sb2068	206.833	{4 Y_2243	ppm	0.001	0.0009	85.1	0.0017	0.0004
Se1960	196.090	{4 Y_2243	ppm	0.0003	0.002	800.1	-0.0012	0.0017
Si2516	251.611	{1 Y_3710	ppm	3.305	0.0416	1.257	3.334	3.275
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0002	195	0	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	0.0705	0.0004	0.6157	0.0708	0.0702
Ti3349	334.904	{1 Y_3600	ppm	0.0121	0.0001	0.9739	0.0121	0.0122
Tl1908	190.856	{4 In2306	ppm	-0.0015	0.001	68.05	-0.0008	-0.0022
V_2924	292.402	{1 Y_3600	ppm	0.006	0.0003	5.709	0.0057	0.0062
Zn2062	206.200	{4 In2306	ppm	0.1834	0.0005	0.246	0.1837	0.1831

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.084	0.82554	1.7169	48.668	47.5
In2306	230.606	{4 Cts/S	9782.3	17.522	0.17911	9794.7	9769.9
Y_2243	224.306	{4 Cts/S	12734	24.128	0.18948	12751	12717
Y_3600	360.073	{ 9 Cts/S	110590	784.87	0.70973	111140	110030
Y_3710	371.030	{ 9 Cts/S	6674.5	30.851	0.46222	6652.7	6696.4

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Username=admin
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Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:08:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4635	0.0025	0.5354	0.4618	0.4653
Al3082	308.215	{1 In2306	ppm	9.436	0.0052	0.0551	9.432	9.439
As1890	189.042	{4 Y_2243	ppm	0.922	0.0104	1.129	0.9293	0.9146
B_2496	249.678	{1 Y_3710	ppm	0.9563	0.0192	2.007	0.9698	0.9427
Ba4554	455.403	{ 7 Y_3710	ppm	0.983	0.0121	1.231	0.9916	0.9744
Be3130	313.042	{1 Y_3710	ppm	0.4721	0.005	1.069	0.4756	0.4685
Ca3158	315.887	{1 In2306	ppm	10.57	0.1096	1.037	10.49	10.65
Ca3181	318.128	{1 In2306	ppm	10.47	0.0441	0.4209	10.43	10.5
Cd2288	228.802	{4 Y_2243	ppm	0.4585	0.0038	0.8233	0.4612	0.4559
Co2286	228.616	{4 In2306	ppm	0.9073	0.0058	0.6365	0.9114	0.9033
Cr2677	267.716	{1 Y_3600	ppm	0.9123	0.0062	0.6755	0.908	0.9167
Cu3247	324.754	{1 Y_3600	ppm	0.9251	0.004	0.4344	0.9222	0.9279
Fe2404	240.488	{1 In2306	ppm	8.863	0.017	0.1919	8.851	8.875
K_7664	766.490	{ 4 Y_3710	ppm	11.37	0.258	2.269	11.55	11.19
K_7698	769.896	{ 4 Y_3710	ppm	10.76	0.212	1.969	10.91	10.61
Li6707	670.784	{ 5 Y_3710	ppm	1.117	0.0285	2.556	1.137	1.096
Mg2790	279.079	{1 Y_3710	ppm	9.189	0.1439	1.566	9.291	9.087
Mn2576	257.610	{1 Y_3600	ppm	0.9229	0.0041	0.4412	0.92	0.9258
Mn2576-2	257.610	{1 Y_3710	ppm	0.9518	0.0052	0.5438	0.9555	0.9482
Mo2020	202.030	{4 Y_2243	ppm	0.9438	0.0092	0.9695	0.9502	0.9373
Na5895	589.592	{ 5 Y_3710	ppm	11.31	0.2601	2.299	11.5	11.13
Na8183	818.326	{ 4 Y_3710	ppm	10.2	0.0426	0.4173	10.23	10.17
Ni2316	231.604	{4 In2306	ppm	0.9244	0.0061	0.6628	0.9287	0.9201
P_1782	178.284	{4 In2306	ppm	0.9312	0.0021	0.2279	0.9327	0.9297
Pb2203	220.353	{4 In2306	ppm	0.936	0.0001	0.013	0.9361	0.9359
S_1820	182.034	{4 Y_2243	ppm	-34.62	2.7	7.799	-32.71	-36.53
Sb2068	206.833	{4 Y_2243	ppm	0.9421	0.0104	1.101	0.9494	0.9348
Se1960	196.090	{4 Y_2243	ppm	0.9396	0.0074	0.7835	0.9448	0.9344
Si2516	251.611	{1 Y_3710	ppm	1.305	0.0215	1.644	1.29	1.32
Sn1899	189.989	{4 In2306	ppm	0.9304	0.008	0.8651	0.9361	0.9247
Sr4215	421.552	{ 8 Y_3710	ppm	0.4971	0.0077	1.555	0.5025	0.4916
Ti3349	334.904	{1 Y_3600	ppm	0.9421	0.0038	0.4065	0.9394	0.9448
Tl1908	190.856	{4 In2306	ppm	0.9575	0.0066	0.6904	0.9621	0.9528
V_2924	292.402	{1 Y_3600	ppm	0.8744	0.0054	0.6201	0.8706	0.8782
Zn2062	206.200	{4 In2306	ppm	0.8953	0.0058	0.6496	0.8994	0.8912

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	50.785	0.10892	0.21447	50.708	50.862
In2306	230.606	{4 Cts/S	9563.7	1.2161	0.01272	9562.8	9564.5
Y_2243	224.306	{4 Cts/S	12586	18.018	0.14317	12573	12598
Y_3600	360.073	{ 9 Cts/S	109330	421.62	0.38562	109630	109040
Y_3710	371.030	{ 9 Cts/S	6652.1	96.029	1.4436	6584.2	6720

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:11:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0	0.0001	491.9	-0.0001	0
Al3082	308.215	{1 In2306	ppm	0.065	0.0591	91.06	0.0231	0.1068
As1890	189.042	{4 Y_2243	ppm	0.0125	0.0181	145	-0.0003	0.0253
B_2496	249.678	{1 Y_3710	ppm	0	0.0036	25890	0.0026	-0.0026
Ba4554	455.403	{ 7 Y_3710	ppm	0.0012	0.0002	17.33	0.001	0.0013
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	161.9	0	0.0001
Ca3158	315.887	{1 In2306	ppm	0.4515	0.0123	2.715	0.4428	0.4601
Ca3181	318.128	{1 In2306	ppm	0.4663	0.0213	4.567	0.4512	0.4813
Cd2288	228.802	{4 Y_2243	ppm	0.0075	0.0092	123.5	0.001	0.014
Co2286	228.616	{4 In2306	ppm	0.0159	0.0192	121.1	0.0023	0.0295
Cr2677	267.716	{1 Y_3600	ppm	-0.0005	0	9.968	-0.0005	-0.0005
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0001	30.48	0.0002	0.0002
Fe2404	240.488	{1 In2306	ppm	0.0224	0.0002	0.6855	0.0223	0.0225
K_7664	766.490	{ 4 Y_3710	ppm	0.0755	0.0171	22.65	0.0876	0.0634
K_7698	769.896	{ 4 Y_3710	ppm	0.2722	0.0672	24.69	0.3197	0.2247
Li6707	670.784	{ 5 Y_3710	ppm	0.0005	0.0003	63.04	0.0007	0.0003
Mg2790	279.079	{1 Y_3710	ppm	-0.0109	0.0009	7.878	-0.0103	-0.0115
Mn2576	257.610	{1 Y_3600	ppm	0.0024	0.0001	2.102	0.0024	0.0025
Mn2576-2	257.610	{1 Y_3710	ppm	0.0005	0.0035	688.7	0.003	-0.002
Mo2020	202.030	{4 Y_2243	ppm	0.0203	0.0224	110.8	0.0044	0.0361
Na5895	589.592	{ 5 Y_3710	ppm	0.1606	0.0059	3.644	0.1647	0.1564
Na8183	818.326	{ 4 Y_3710	ppm	0.0864	0.0144	16.71	0.0762	0.0966
Ni2316	231.604	{4 In2306	ppm	0.0163	0.0198	121.1	0.0023	0.0303
P_1782	178.284	{4 In2306	ppm	0.0173	0.017	98.44	0.0053	0.0293
Pb2203	220.353	{4 In2306	ppm	0.0166	0.0177	106.9	0.0041	0.0291
S_1820	182.034	{4 Y_2243	ppm	-12.2	1.203	9.865	-11.35	-13.05
Sb2068	206.833	{4 Y_2243	ppm	0.0256	0.0228	89.4	0.0094	0.0417
Se1960	196.090	{4 Y_2243	ppm	0.0126	0.0167	132.2	0.0008	0.0245
Si2516	251.611	{1 Y_3710	ppm	0.0691	0.0048	6.951	0.0657	0.0725
Sn1899	189.989	{4 In2306	ppm	0.019	0.021	110.6	0.0041	0.0339
Sr4215	421.552	{ 8 Y_3710	ppm	0.0009	0.0001	14.51	0.0008	0.001
Ti3349	334.904	{1 Y_3600	ppm	0.0033	0.0004	11.68	0.0036	0.003
Tl1908	190.856	{4 In2306	ppm	0.0096	0.0121	126.1	0.001	0.0181
V_2924	292.402	{1 Y_3600	ppm	0	0.0005	976.5	-0.0004	0.0003
Zn2062	206.200	{4 In2306	ppm	0.0183	0.0185	101	0.0052	0.0314

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.61	0.03563	0.07484	47.635	47.584
In2306	230.606	{4 Cts/S	10119	49.536	0.48956	10154	10084
Y_2243	224.306	{4 Cts/S	12781	37.973	0.2971	12808	12754
Y_3600	360.073	{ 9 Cts/S	113410	92.371	0.08145	113480	113350
Y_3710	371.030	{ 9 Cts/S	6817.6	85.17	1.2493	6757.3	6877.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0	27.89	-0.0001	0
Al3082	308.215	{1 In2306	ppm	-0.0219	0.114	520.5	0.0587	-0.1025
As1890	189.042	{4 Y_2243	ppm	-0.0002	0.0018	1089	-0.0015	0.0011
B_2496	249.678	{1 Y_3710	ppm	-0.0034	0.0089	259.4	-0.0097	0.0029
Ba4554	455.403	{ 7 Y_3710	ppm	0.0005	0.0002	32.43	0.0006	0.0004
Be3130	313.042	{1 Y_3710	ppm	0	0	125.2	0	0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0074	0.0052	70.38	-0.0111	-0.0037
Ca3181	318.128	{1 In2306	ppm	0.0707	0.0045	6.317	0.0676	0.0739
Cd2288	228.802	{4 Y_2243	ppm	0.0009	0.001	110.7	0.0002	0.0016
Co2286	228.616	{4 In2306	ppm	0.0016	0.0023	143.9	0	0.0032
Cr2677	267.716	{1 Y_3600	ppm	0	0.0002	823.2	-0.0001	0.0001
Cu3247	324.754	{1 Y_3600	ppm	0.0012	0	3.921	0.0012	0.0011
Fe2404	240.488	{1 In2306	ppm	-0.0079	0.0228	286.9	0.0082	-0.0241
K_7664	766.490	{ 4 Y_3710	ppm	0.0533	0.0019	3.478	0.052	0.0546
K_7698	769.896	{ 4 Y_3710	ppm	0.0622	0.0165	26.52	0.0738	0.0505
Li6707	670.784	{ 5 Y_3710	ppm	-0.0002	0.0005	243.6	-0.0006	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0514	0.0675	131.3	-0.0037	-0.0991
Mn2576	257.610	{1 Y_3600	ppm	0.0004	0	13.58	0.0004	0.0003
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0003	0.0008	292.4	0.0003	-0.0009
Mo2020	202.030	{4 Y_2243	ppm	0.0029	0.0028	96.46	0.0009	0.0049
Na5895	589.592	{ 5 Y_3710	ppm	0.1069	0.0059	5.559	0.1111	0.1027
Na8183	818.326	{ 4 Y_3710	ppm	0.2541	0.049	19.27	0.2195	0.2888
Ni2316	231.604	{4 In2306	ppm	0.002	0.0021	107.1	0.0005	0.0035
P_1782	178.284	{4 In2306	ppm	0.0229	0.002	8.757	0.0215	0.0243
Pb2203	220.353	{4 In2306	ppm	0.0023	0.0023	99.79	0.0007	0.0039
S_1820	182.034	{4 Y_2243	ppm	-6.263	0.0225	0.3596	-6.279	-6.247
Sb2068	206.833	{4 Y_2243	ppm	0.0041	0.0027	67.41	0.0021	0.006
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0016	831.6	-0.0013	0.0009
Si2516	251.611	{1 Y_3710	ppm	0.0261	0.0104	39.89	0.0188	0.0335
Sn1899	189.989	{4 In2306	ppm	0.0297	0.0017	5.796	0.0285	0.0309
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	72.49	-0.0001	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0003	0.0001	15.15	0.0004	0.0003
Tl1908	190.856	{4 In2306	ppm	0.001	0.0022	214.1	-0.0005	0.0026
V_2924	292.402	{1 Y_3600	ppm	-0.0002	0.0001	59.65	-0.0001	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0054	0.0021	38.78	0.0039	0.0069

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.385	1.1732	2.4758	46.555	48.214
In2306	230.606	{4 Cts/S	10295	21.232	0.20624	10310	10280
Y_2243	224.306	{4 Cts/S	12920	12.943	0.10017	12911	12930
Y_3600	360.073	{ 9 Cts/S	112370	54.988	0.04894	112410	112330
Y_3710	371.030	{ 9 Cts/S	6699.5	66.03	0.9856	6652.8	6746.2

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4566	0.0076	1.661	0.462	0.4513
Al3082	308.215	{1 In2306	ppm	81.44	1.382	1.697	80.46	82.41
As1890	189.042	{4 Y_2243	ppm	1.313	0.0245	1.864	1.331	1.296
B_2496	249.678	{1 Y_3710	ppm	0.8892	0.0033	0.3708	0.8916	0.8869
Ba4554	455.403	{ 7 Y_3710	ppm	2.562	0.0451	1.759	2.594	2.53
Be3130	313.042	{1 Y_3710	ppm	1.51	0.0182	1.205	1.523	1.497
Ca3158	315.887	{1 In2306	ppm	90.57	1.566	1.73	89.46	91.67
Ca3181	318.128	{1 In2306	ppm	89.91	1.484	1.651	88.86	90.96
Cd2288	228.802	{4 Y_2243	ppm	0.7043	0.0095	1.348	0.711	0.6976
Co2286	228.616	{4 In2306	ppm	1.433	0.0212	1.479	1.448	1.418
Cr2677	267.716	{1 Y_3600	ppm	0.9674	0.0128	1.326	0.9765	0.9583
Cu3247	324.754	{1 Y_3600	ppm	1.085	0.0132	1.218	1.094	1.075
Fe2404	240.488	{1 In2306	ppm	159.7	3.057	1.914	157.6	161.9
K_7664	766.490	{ 4 Y_3710	ppm	50.68	0.9642	1.902	51.37	50
K_7698	769.896	{ 4 Y_3710	ppm	48.58	0.9157	1.885	49.23	47.94
Li6707	670.784	{ 5 Y_3710	ppm	0.0942	0.002	2.145	0.0957	0.0928
Mg2790	279.079	{1 Y_3710	ppm	38	0.5363	1.411	38.38	37.62
Mn2576	257.610	{1 Y_3600	ppm	4.734	0.0043	0.0899	4.731	4.737
Mn2576-2	257.610	{1 Y_3710	ppm	5.158	0.0689	1.335	5.206	5.109
Mo2020	202.030	{4 Y_2243	ppm	0.9176	0.0147	1.607	0.928	0.9071
Na5895	589.592	{ 5 Y_3710	ppm	6.834	0.1434	2.098	6.936	6.733
Na8183	818.326	{ 4 Y_3710	ppm	6.73	0.0847	1.258	6.79	6.67
Ni2316	231.604	{4 In2306	ppm	1.366	0.0198	1.448	1.38	1.352
P_1782	178.284	{4 In2306	ppm	8.231	0.132	1.604	8.325	8.138
Pb2203	220.353	{4 In2306	ppm	1.382	0.0119	0.8584	1.39	1.374
S_1820	182.034	{4 Y_2243	ppm	-1237	16.88	1.366	-1248	-1225
Sb2068	206.833	{4 Y_2243	ppm	0.7554	0.019	2.509	0.7688	0.742
Se1960	196.090	{4 Y_2243	ppm	1.948	0.0231	1.185	1.964	1.932
Si2516	251.611	{1 Y_3710	ppm	12.19	0.2303	1.889	12.35	12.03
Sn1899	189.989	{4 In2306	ppm	1.572	0.0246	1.567	1.59	1.555
Sr4215	421.552	{ 8 Y_3710	ppm	2.446	0.0392	1.604	2.473	2.418
Ti3349	334.904	{1 Y_3600	ppm	3.755	0.0369	0.9816	3.781	3.729
Tl1908	190.856	{4 In2306	ppm	1.606	0.0264	1.646	1.625	1.587
V_2924	292.402	{1 Y_3600	ppm	0.5703	0.0057	0.9944	0.5743	0.5663
Zn2062	206.200	{4 In2306	ppm	2.146	0.0301	1.4	2.167	2.125

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.331	0.80076	1.6918	47.897	46.764
In2306	230.606	{4 Cts/S	8685.9	112.19	1.2916	8606.6	8765.2
Y_2243	224.306	{4 Cts/S	12532	154.14	1.23	12423	12641
Y_3600	360.073	{ 9 Cts/S	107120	748.07	0.69836	106590	107650
Y_3710	371.030	{ 9 Cts/S	6650.5	90.377	1.359	6586.6	6714.4

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0003	0	14.39	-0.0003	-0.0003
Al3082	308.215	{1 In2306	ppm	167.5	3.925	2.344	164.7	170.2
As1890	189.042	{4 Y_2243	ppm	0.0841	0.0135	16.04	0.0745	0.0936
B_2496	249.678	{1 Y_3710	ppm	0.0592	0.0004	0.6613	0.0594	0.0589
Ba4554	455.403	{ 7 Y_3710	ppm	1.974	0.0585	2.966	1.932	2.015
Be3130	313.042	{1 Y_3710	ppm	0.0099	0.0006	6.155	0.0095	0.0104
Ca3158	315.887	{1 In2306	ppm	1956	55.78	2.851	1917	1996
Ca3181	318.128	{1 In2306	ppm	2074	59.49	2.868	2032	2116
Cd2288	228.802	{4 Y_2243	ppm	0.0106	0.0074	69.5	0.0054	0.0159
Co2286	228.616	{4 In2306	ppm	0.119	0.0151	12.69	0.1083	0.1297
Cr2677	267.716	{1 Y_3600	ppm	0.1281	0.0037	2.86	0.1255	0.1307
Cu3247	324.754	{1 Y_3600	ppm	0.1216	0.0057	4.656	0.1176	0.1256
Fe2404	240.488	{1 In2306	ppm	138.3	3.199	2.313	136	140.6
K_7664	766.490	{ 4 Y_3710	ppm	21.21	0.5385	2.539	20.83	21.59
K_7698	769.896	{ 4 Y_3710	ppm	20.78	0.6107	2.94	20.34	21.21
Li6707	670.784	{ 5 Y_3710	ppm	0.1265	0.0023	1.858	0.1248	0.1281
Mg2790	279.079	{1 Y_3710	ppm	30.95	1.124	3.633	30.16	31.75
Mn2576	257.610	{1 Y_3600	ppm	9.991	0.326	3.263	9.76	10.22
Mn2576-2	257.610	{1 Y_3710	ppm	12.95	0.4594	3.548	12.62	13.27
Mo2020	202.030	{4 Y_2243	ppm	0.0117	0.0107	91.02	0.0042	0.0193
Na5895	589.592	{ 5 Y_3710	ppm	1.817	0.0421	2.315	1.788	1.847
Na8183	818.326	{ 4 Y_3710	ppm	2.026	0.084	4.146	1.966	2.085
Ni2316	231.604	{4 In2306	ppm	0.2358	0.0113	4.792	0.2278	0.2438
P_1782	178.284	{4 In2306	ppm	9.112	0.0703	0.7717	9.161	9.062
Pb2203	220.353	{4 In2306	ppm	0.3498	0.0084	2.393	0.3439	0.3558
S_1820	182.034	{4 Y_2243	ppm	-2128	16.26	0.7641	-2139	-2116
Sb2068	206.833	{4 Y_2243	ppm	0.0186	0.0066	35.7	0.0139	0.0233
Se1960	196.090	{4 Y_2243	ppm	0.0258	0.0188	72.76	0.0125	0.0391
Si2516	251.611	{1 Y_3710	ppm	22.3	0.7219	3.238	21.79	22.81
Sn1899	189.989	{4 In2306	ppm	0.0616	0.0194	31.57	0.0478	0.0753
Sr4215	421.552	{ 8 Y_3710	ppm	4.877	0.1583	3.245	4.765	4.988
Ti3349	334.904	{1 Y_3600	ppm	0.2495	0.009	3.596	0.2432	0.2559
Tl1908	190.856	{4 In2306	ppm	0.0021	0.0165	796.8	-0.0096	0.0138
V_2924	292.402	{1 Y_3600	ppm	0.3409	0.0136	4	0.3313	0.3506
Zn2062	206.200	{4 In2306	ppm	0.7181	0.0108	1.504	0.7105	0.7258

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	45.483	0.8002	1.7594	46.049	44.917
In2306	230.606	{4 Cts/S	7013.2	46.356	0.66099	6980.4	7045.9
Y_2243	224.306	{4 Cts/S	11995	36.638	0.30544	11969	12021
Y_3600	360.073	{ 9 Cts/S	98040	2812.6	2.8688	100030	96051
Y_3710	371.030	{ 9 Cts/S	6235.4	164.25	2.6342	6351.6	6119.3

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Custom ID2=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0005	0.0001	9.197	-0.0005	-0.0006
Al3082	308.215	{1 In2306	ppm	164.3	6.272	3.817	159.9	168.7
As1890	189.042	{4 Y_2243	ppm	0.0703	0.0009	1.297	0.0696	0.0709
B_2496	249.678	{1 Y_3710	ppm	0.0659	0.0045	6.904	0.0626	0.0691
Ba4554	455.403	{ 7 Y_3710	ppm	1.862	0.0103	0.5546	1.855	1.87
Be3130	313.042	{1 Y_3710	ppm	0.0093	0.0001	1.213	0.0092	0.0094
Ca3158	315.887	{1 In2306	ppm	2150	74.67	3.474	2097	2202
Ca3181	318.128	{1 In2306	ppm	2294	77.53	3.379	2240	2349
Cd2288	228.802	{4 Y_2243	ppm	0.005	0.0002	3.643	0.0049	0.0051
Co2286	228.616	{4 In2306	ppm	0.1011	0.0002	0.2121	0.1012	0.1009
Cr2677	267.716	{1 Y_3600	ppm	0.1185	0.0003	0.2652	0.1183	0.1188
Cu3247	324.754	{1 Y_3600	ppm	0.1176	0.0023	1.96	0.1193	0.116
Fe2404	240.488	{1 In2306	ppm	132.8	4.24	3.192	129.8	135.8
K_7664	766.490	{ 4 Y_3710	ppm	21.12	0.1511	0.7152	21.02	21.23
K_7698	769.896	{ 4 Y_3710	ppm	20.69	0.1621	0.7834	20.57	20.8
Li6707	670.784	{ 5 Y_3710	ppm	0.1294	0.0012	0.9168	0.1285	0.1302
Mg2790	279.079	{1 Y_3710	ppm	30.55	0.1237	0.4051	30.46	30.63
Mn2576	257.610	{1 Y_3600	ppm	9.875	0.0744	0.7535	9.928	9.823
Mn2576-2	257.610	{1 Y_3710	ppm	13	0.0653	0.5021	12.96	13.05
Mo2020	202.030	{4 Y_2243	ppm	0.0021	0.0001	6.331	0.0021	0.002
Na5895	589.592	{ 5 Y_3710	ppm	1.91	0.0182	0.9535	1.897	1.923
Na8183	818.326	{ 4 Y_3710	ppm	2.132	0.05	2.344	2.096	2.167
Ni2316	231.604	{4 In2306	ppm	0.2255	0.0006	0.2666	0.226	0.2251
P_1782	178.284	{4 In2306	ppm	9.301	0.0382	0.4104	9.328	9.274
Pb2203	220.353	{4 In2306	ppm	0.3484	0.0005	0.1492	0.348	0.3488
S_1820	182.034	{4 Y_2243	ppm	-2126	9.554	0.4494	-2132	-2119
Sb2068	206.833	{4 Y_2243	ppm	-0.0022	0.0009	40.84	-0.0028	-0.0016
Se1960	196.090	{4 Y_2243	ppm	0.0104	0.0026	24.95	0.0086	0.0122
Si2516	251.611	{1 Y_3710	ppm	21.35	0.0946	0.4431	21.29	21.42
Sn1899	189.989	{4 In2306	ppm	0.046	0.001	2.213	0.0453	0.0467
Sr4215	421.552	{ 8 Y_3710	ppm	5.369	0.028	0.5211	5.349	5.389
Ti3349	334.904	{1 Y_3600	ppm	0.2768	0.0018	0.6608	0.2781	0.2755
Tl1908	190.856	{4 In2306	ppm	-0.0171	0.0019	11.11	-0.0157	-0.0184
V_2924	292.402	{1 Y_3600	ppm	0.3193	0.0038	1.192	0.322	0.3166
Zn2062	206.200	{4 In2306	ppm	0.6941	0.0032	0.4635	0.6963	0.6918

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	44.563	1.527	3.4265	45.643	43.483
In2306	230.606	{4 Cts/S	6833.6	11.665	0.17071	6825.3	6841.8
Y_2243	224.306	{4 Cts/S	11756	8.0027	0.06808	11761	11750
Y_3600	360.073	{ 9 Cts/S	99446	790.03	0.79443	98888	100000
Y_3710	371.030	{ 9 Cts/S	6131.7	30.501	0.49743	6153.3	6110.2

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.522	0.0199	3.815	0.5361	0.5079
Al3082	308.215	{1 In2306	ppm	242.9	8.706	3.585	249	236.7
As1890	189.042	{4 Y_2243	ppm	0.9966	0.0011	0.1077	0.9973	0.9958
B_2496	249.678	{1 Y_3710	ppm	0.8071	0.0039	0.4778	0.8044	0.8098
Ba4554	455.403	{ 7 Y_3710	ppm	3.059	0.0065	0.2125	3.054	3.063
Be3130	313.042	{1 Y_3710	ppm	0.507	0.0006	0.1179	0.5066	0.5074
Ca3158	315.887	{1 In2306	ppm	2237	89.01	3.98	2299	2174
Ca3181	318.128	{1 In2306	ppm	2399	95.23	3.969	2466	2332
Cd2288	228.802	{4 Y_2243	ppm	0.4649	0.0016	0.3482	0.4638	0.4661
Co2286	228.616	{4 In2306	ppm	1.094	0.0001	0.0094	1.094	1.094
Cr2677	267.716	{1 Y_3600	ppm	0.9651	0.0334	3.458	0.9887	0.9415
Cu3247	324.754	{1 Y_3600	ppm	1.085	0.0489	4.51	1.12	1.05
Fe2404	240.488	{1 In2306	ppm	174.9	7.434	4.25	180.2	169.6
K_7664	766.490	{ 4 Y_3710	ppm	39.93	0.2304	0.5768	39.77	40.1
K_7698	769.896	{ 4 Y_3710	ppm	39.52	0.2395	0.6061	39.35	39.69
Li6707	670.784	{ 5 Y_3710	ppm	0.7517	0.0035	0.4716	0.7492	0.7542
Mg2790	279.079	{1 Y_3710	ppm	50.36	0.0229	0.0455	50.35	50.38
Mn2576	257.610	{1 Y_3600	ppm	10.65	0.3213	3.016	10.88	10.43
Mn2576-2	257.610	{1 Y_3710	ppm	14.35	0.0097	0.0674	14.34	14.36
Mo2020	202.030	{4 Y_2243	ppm	0.7084	0.0002	0.0335	0.7082	0.7086
Na5895	589.592	{ 5 Y_3710	ppm	13.82	0.0647	0.4685	13.77	13.86
Na8183	818.326	{ 4 Y_3710	ppm	13.78	0.0441	0.3202	13.75	13.81
Ni2316	231.604	{4 In2306	ppm	1.233	0.0012	0.0953	1.234	1.232
P_1782	178.284	{4 In2306	ppm	9.987	0.0482	0.4831	9.953	10.02
Pb2203	220.353	{4 In2306	ppm	1.294	0.0006	0.0459	1.293	1.294
S_1820	182.034	{4 Y_2243	ppm	-2326	10.96	0.4714	-2318	-2334
Sb2068	206.833	{4 Y_2243	ppm	0.2642	0.0004	0.1578	0.2645	0.2639
Se1960	196.090	{4 Y_2243	ppm	0.9488	0.0023	0.242	0.9472	0.9505
Si2516	251.611	{1 Y_3710	ppm	22.91	0.0393	0.1716	22.88	22.93
Sn1899	189.989	{4 In2306	ppm	0.972	0.0007	0.0721	0.9725	0.9715
Sr4215	421.552	{ 8 Y_3710	ppm	6.109	0.0151	0.2478	6.098	6.119
Ti3349	334.904	{1 Y_3600	ppm	0.5602	0.0187	3.332	0.5734	0.547
Tl1908	190.856	{4 In2306	ppm	0.9104	0.0014	0.1503	0.9095	0.9114
V_2924	292.402	{1 Y_3600	ppm	1.166	0.0442	3.786	1.198	1.135
Zn2062	206.200	{4 In2306	ppm	1.792	0.0024	0.1363	1.79	1.794

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.65	1.5875	3.6369	42.528	44.773
In2306	230.606	{4 Cts/S	6687.4	33.529	0.50138	6711.1	6663.6
Y_2243	224.306	{4 Cts/S	11642	78.815	0.67698	11698	11587
Y_3600	360.073	{ 9 Cts/S	97220	2900.2	2.9831	95170	99271
Y_3710	371.030	{ 9 Cts/S	5973.8	25.838	0.43252	5992	5955.5

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2414	0.0005	0.2118	0.2418	0.2411
Al3082	308.215	{1 In2306	ppm	2.587	0.0588	2.274	2.628	2.545
As1890	189.042	{4 Y_2243	ppm	0.479	0.02	4.171	0.4931	0.4648
B_2496	249.678	{1 Y_3710	ppm	0.4685	0.0065	1.386	0.4731	0.4639
Ba4554	455.403	{ 7 Y_3710	ppm	0.4948	0.0018	0.3638	0.4961	0.4935
Be3130	313.042	{1 Y_3710	ppm	0.4826	0.0015	0.31	0.4837	0.4816
Ca3158	315.887	{1 In2306	ppm	12.34	0.1251	1.014	12.43	12.25
Ca3181	318.128	{1 In2306	ppm	12.27	0.2285	1.861	12.44	12.11
Cd2288	228.802	{4 Y_2243	ppm	0.4712	0.0139	2.955	0.481	0.4613
Co2286	228.616	{4 In2306	ppm	0.4744	0.0137	2.881	0.4841	0.4647
Cr2677	267.716	{1 Y_3600	ppm	0.4828	0.0004	0.0753	0.4831	0.4826
Cu3247	324.754	{1 Y_3600	ppm	0.4816	0.0052	1.077	0.4853	0.478
Fe2404	240.488	{1 In2306	ppm	2.408	0.0052	0.2139	2.412	2.405
K_7664	766.490	{ 4 Y_3710	ppm	13.77	0.1837	1.334	13.64	13.9
K_7698	769.896	{ 4 Y_3710	ppm	13.21	0.0909	0.6878	13.15	13.27
Li6707	670.784	{ 5 Y_3710	ppm	0.5417	0.0068	1.25	0.5369	0.5464
Mg2790	279.079	{1 Y_3710	ppm	4.523	0.0346	0.7656	4.547	4.498
Mn2576	257.610	{1 Y_3600	ppm	0.4799	0.0037	0.7664	0.4825	0.4773
Mn2576-2	257.610	{1 Y_3710	ppm	0.4612	0.0015	0.336	0.4623	0.4601
Mo2020	202.030	{4 Y_2243	ppm	0.492	0.0156	3.177	0.503	0.4809
Na5895	589.592	{ 5 Y_3710	ppm	13.53	0.1708	1.263	13.4	13.65
Na8183	818.326	{ 4 Y_3710	ppm	12.68	0.1063	0.8383	12.61	12.76
Ni2316	231.604	{4 In2306	ppm	0.4773	0.0136	2.855	0.487	0.4677
P_1782	178.284	{4 In2306	ppm	0.0022	0.0011	48.57	0.0014	0.003
Pb2203	220.353	{4 In2306	ppm	0.4743	0.0141	2.977	0.4842	0.4643
S_1820	182.034	{4 Y_2243	ppm	-281.1	6.793	2.417	-285.9	-276.3
Sb2068	206.833	{4 Y_2243	ppm	0.4792	0.0176	3.671	0.4917	0.4668
Se1960	196.090	{4 Y_2243	ppm	0.4922	0.0144	2.928	0.5024	0.4821
Si2516	251.611	{1 Y_3710	ppm	0.9695	0.0267	2.759	0.9506	0.9884
Sn1899	189.989	{4 In2306	ppm	0.4859	0.0149	3.063	0.4964	0.4754
Sr4215	421.552	{ 8 Y_3710	ppm	0.252	0.0008	0.3015	0.2526	0.2515
Ti3349	334.904	{1 Y_3600	ppm	0.4975	0.0021	0.4194	0.499	0.496
Tl1908	190.856	{4 In2306	ppm	0.4964	0.0121	2.446	0.505	0.4879
V_2924	292.402	{1 Y_3600	ppm	0.4746	0	0.0098	0.4746	0.4746
Zn2062	206.200	{4 In2306	ppm	0.4658	0.0102	2.181	0.473	0.4586

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.417	0.27938	0.60188	46.22	46.615
In2306	230.606	{4 Cts/S	9760.4	235.62	2.414	9593.8	9927
Y_2243	224.306	{4 Cts/S	12770	350.03	2.741	12523	13018
Y_3600	360.073	{ 9 Cts/S	108690	499.35	0.45941	108340	109050
Y_3710	371.030	{ 9 Cts/S	6732.8	14.958	0.22217	6722.3	6743.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0043	0.0002	3.499	0.0044	0.0042
Al3082	308.215	{1 In2306	ppm	0.0884	0.0007	0.7513	0.0889	0.088
As1890	189.042	{4 Y_2243	ppm	0.008	0.0012	15.56	0.0071	0.0089
B_2496	249.678	{1 Y_3710	ppm	0.0072	0.0089	123.1	0.0135	0.0009
Ba4554	455.403	{ 7 Y_3710	ppm	0.0096	0.0006	5.932	0.01	0.0092
Be3130	313.042	{1 Y_3710	ppm	0.0048	0.0002	4.49	0.0049	0.0046
Ca3158	315.887	{1 In2306	ppm	0.0908	0.0119	13.08	0.0991	0.0824
Ca3181	318.128	{1 In2306	ppm	0.1061	0.0163	15.38	0.1177	0.0946
Cd2288	228.802	{4 Y_2243	ppm	0.0059	0.0016	26.9	0.0048	0.0071
Co2286	228.616	{4 In2306	ppm	0.0105	0.0018	17.29	0.0092	0.0118
Cr2677	267.716	{1 Y_3600	ppm	0.0085	0.0001	1.215	0.0086	0.0084
Cu3247	324.754	{1 Y_3600	ppm	0.009	0.0001	1.136	0.009	0.0091
Fe2404	240.488	{1 In2306	ppm	0.0742	0.0369	49.74	0.0481	0.1003
K_7664	766.490	{ 4 Y_3710	ppm	0.7274	0.0633	8.703	0.7721	0.6826
K_7698	769.896	{ 4 Y_3710	ppm	0.8329	0.0317	3.803	0.8553	0.8105
Li6707	670.784	{ 5 Y_3710	ppm	0.0103	0.0001	1.435	0.0104	0.0102
Mg2790	279.079	{1 Y_3710	ppm	0.0172	0.0505	293.6	-0.0185	0.053
Mn2576	257.610	{1 Y_3600	ppm	0.0094	0	0.2296	0.0094	0.0094
Mn2576-2	257.610	{1 Y_3710	ppm	0.0064	0.0026	40.5	0.0082	0.0045
Mo2020	202.030	{4 Y_2243	ppm	0.0124	0.0026	21.05	0.0106	0.0143
Na5895	589.592	{ 5 Y_3710	ppm	0.6748	0.0122	1.808	0.6834	0.6661
Na8183	818.326	{ 4 Y_3710	ppm	0.7239	0.0926	12.79	0.7894	0.6584
Ni2316	231.604	{4 In2306	ppm	0.0109	0.0017	15.11	0.0098	0.0121
P_1782	178.284	{4 In2306	ppm	0.0085	0.0013	15.9	0.0094	0.0075
Pb2203	220.353	{4 In2306	ppm	0.0115	0.001	8.848	0.0107	0.0122
S_1820	182.034	{4 Y_2243	ppm	-2.439	0.6581	26.98	-1.974	-2.905
Sb2068	206.833	{4 Y_2243	ppm	0.0191	0.0024	12.43	0.0175	0.0208
Se1960	196.090	{4 Y_2243	ppm	0.0111	0.0014	12.99	0.0101	0.0121
Si2516	251.611	{1 Y_3710	ppm	0.0109	0.0013	12.19	0.0118	0.0099
Sn1899	189.989	{4 In2306	ppm	0.0117	0.0026	21.91	0.0099	0.0135
Sr4215	421.552	{ 8 Y_3710	ppm	0.0047	0.0002	4.59	0.0048	0.0045
Ti3349	334.904	{1 Y_3600	ppm	0.0095	0.0006	6.22	0.0099	0.0091
Tl1908	190.856	{4 In2306	ppm	0.011	0.0019	17.08	0.0096	0.0123
V_2924	292.402	{1 Y_3600	ppm	0.0085	0	0.2208	0.0086	0.0085
Zn2062	206.200	{4 In2306	ppm	0.0104	0.0017	16.4	0.0092	0.0116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	47.112	0.29674	0.62987	47.321	46.902
In2306	230.606	{4 Cts/S	10224	55.95	0.54726	10263	10184
Y_2243	224.306	{4 Cts/S	12927	91.41	0.70715	12991	12862
Y_3600	360.073	{ 9 Cts/S	116250	719.43	0.61886	115740	116760
Y_3710	371.030	{ 9 Cts/S	6726.1	76.316	1.1346	6672.1	6780

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	79.1	-0.0004	-0.0001
Al3082	308.215	{1 In2306	ppm	-0.0238	0.0004	1.724	-0.0235	-0.0241
As1890	189.042	{4 Y_2243	ppm	-0.0008	0.0009	109.4	-0.0002	-0.0014
B_2496	249.678	{1 Y_3710	ppm	-0.0055	0.001	18.39	-0.0048	-0.0063
Ba4554	455.403	{ 7 Y_3710	ppm	0.0001	0.0002	148	0.0003	0
Be3130	313.042	{1 Y_3710	ppm	0	0	101.5	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0087	0.0069	79.17	-0.0136	-0.0038
Ca3181	318.128	{1 In2306	ppm	-0.0065	0.0812	1254	0.051	-0.0639
Cd2288	228.802	{4 Y_2243	ppm	0	0	189.7	0	0
Co2286	228.616	{4 In2306	ppm	0	0	23.97	0	0
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0	3.597	-0.0004	-0.0004
Cu3247	324.754	{1 Y_3600	ppm	-0.0005	0.0001	23.8	-0.0004	-0.0005
Fe2404	240.488	{1 In2306	ppm	0.0038	0.0055	144.9	0.0077	-0.0001
K_7664	766.490	{ 4 Y_3710	ppm	0.0331	0.0067	20.22	0.0284	0.0378
K_7698	769.896	{ 4 Y_3710	ppm	0.1983	0.0056	2.805	0.2023	0.1944
Li6707	670.784	{ 5 Y_3710	ppm	-0.0001	0.0002	210.3	-0.0002	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0274	0.0086	31.23	-0.0213	-0.0334
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	4.35	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0002	0.0005	247.7	-0.0001	0.0005
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0001	16.68	0.0003	0.0004
Na5895	589.592	{ 5 Y_3710	ppm	0.0376	0.0033	8.683	0.0353	0.0399
Na8183	818.326	{ 4 Y_3710	ppm	0.1986	0.1363	68.63	0.295	0.1022
Ni2316	231.604	{4 In2306	ppm	0.0001	0.0001	75.17	0.0001	0
P_1782	178.284	{4 In2306	ppm	0	0.0005	2803	0.0004	-0.0004
Pb2203	220.353	{4 In2306	ppm	0.0009	0.0011	124.2	0.0017	0.0001
S_1820	182.034	{4 Y_2243	ppm	-1.78	0.6103	34.28	-2.212	-1.349
Sb2068	206.833	{4 Y_2243	ppm	0.0023	0.0003	11.44	0.0021	0.0025
Se1960	196.090	{4 Y_2243	ppm	-0.0005	0.0003	65.79	-0.0002	-0.0007
Si2516	251.611	{1 Y_3710	ppm	0.0136	0.0083	60.61	0.0195	0.0078
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0001	167	0.0001	0
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0.0001	46.59	-0.0001	-0.0003
Ti3349	334.904	{1 Y_3600	ppm	0.0006	0.0001	18.7	0.0005	0.0007
Tl1908	190.856	{4 In2306	ppm	0.0005	0.0007	127	0.0001	0.001
V_2924	292.402	{1 Y_3600	ppm	-0.0001	0.0002	175.9	0	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0.0001	86.72	0	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	48.029	0.02525	0.05258	48.011	48.046
In2306	230.606	{4 Cts/S	10245	29.037	0.28342	10266	10225
Y_2243	224.306	{4 Cts/S	12851	26.247	0.20424	12870	12833
Y_3600	360.073	{ 9 Cts/S	113260	1561.7	1.3789	112150	114360
Y_3710	371.030	{ 9 Cts/S	6733.6	171.53	2.5473	6612.3	6854.9

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Custom ID3=
Run Time=1/14/2012 15:34:36
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5189	0.0083	1.598	0.5248	0.513
Al3082	308.215	{1 In2306	ppm	256.1	2.737	1.069	258	254.2
As1890	189.042	{4 Y_2243	ppm	1.003	0.0047	0.4658	1.006	0.9996
B_2496	249.678	{1 Y_3710	ppm	0.8522	0.0179	2.102	0.8395	0.8649
Ba4554	455.403	{ 7 Y_3710	ppm	3.231	0.0464	1.437	3.263	3.198
Be3130	313.042	{1 Y_3710	ppm	0.5185	0.0045	0.877	0.5217	0.5153
Ca3158	315.887	{1 In2306	ppm	2123	14.01	0.6601	2133	2113
Ca3181	318.128	{1 In2306	ppm	2259	14.19	0.6281	2269	2249
Cd2288	228.802	{4 Y_2243	ppm	0.4665	0.0058	1.253	0.4707	0.4624
Co2286	228.616	{4 In2306	ppm	1.101	0.0197	1.793	1.115	1.087
Cr2677	267.716	{1 Y_3600	ppm	0.9652	0.0223	2.306	0.9809	0.9494
Cu3247	324.754	{1 Y_3600	ppm	1.11	0.0225	2.032	1.126	1.094
Fe2404	240.488	{1 In2306	ppm	176.7	1.861	1.053	178	175.4
K_7664	766.490	{ 4 Y_3710	ppm	41.73	0.6307	1.512	42.17	41.28
K_7698	769.896	{ 4 Y_3710	ppm	41.37	0.4935	1.193	41.72	41.03
Li6707	670.784	{ 5 Y_3710	ppm	0.7749	0.0141	1.825	0.7849	0.7649
Mg2790	279.079	{1 Y_3710	ppm	52.32	0.2425	0.4634	52.49	52.15
Mn2576	257.610	{1 Y_3600	ppm	10.8	0.1149	1.063	10.88	10.72
Mn2576-2	257.610	{1 Y_3710	ppm	14.56	0.1836	1.261	14.69	14.43
Mo2020	202.030	{4 Y_2243	ppm	0.7209	0.0131	1.815	0.7301	0.7116
Na5895	589.592	{ 5 Y_3710	ppm	14.1	0.1923	1.364	14.23	13.96
Na8183	818.326	{ 4 Y_3710	ppm	14.15	0.2891	2.043	14.35	13.94
Ni2316	231.604	{4 In2306	ppm	1.237	0.0236	1.909	1.254	1.22
P_1782	178.284	{4 In2306	ppm	10.58	0.2112	1.996	10.73	10.43
Pb2203	220.353	{4 In2306	ppm	1.328	0.0294	2.213	1.349	1.307
S_1820	182.034	{4 Y_2243	ppm	-2596	30.64	1.18	-2617	-2574
Sb2068	206.833	{4 Y_2243	ppm	0.2817	0.0034	1.21	0.2793	0.2842
Se1960	196.090	{4 Y_2243	ppm	0.9542	0.0096	1.002	0.9609	0.9474
Si2516	251.611	{1 Y_3710	ppm	23.95	0.2879	1.202	24.16	23.75
Sn1899	189.989	{4 In2306	ppm	0.9786	0.0211	2.155	0.9936	0.9637
Sr4215	421.552	{ 8 Y_3710	ppm	5.926	0.0732	1.235	5.978	5.874
Ti3349	334.904	{1 Y_3600	ppm	0.6395	0.0139	2.18	0.6493	0.6296
Tl1908	190.856	{4 In2306	ppm	0.9202	0.0178	1.932	0.9328	0.9076
V_2924	292.402	{1 Y_3600	ppm	1.182	0.0241	2.042	1.199	1.165
Zn2062	206.200	{4 In2306	ppm	1.854	0.0359	1.934	1.88	1.829

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	42.312	0.3349	0.7915	42.076	42.549
In2306	230.606	{4 Cts/S	6777.8	86.957	1.283	6716.3	6839.3
Y_2243	224.306	{4 Cts/S	11755	91.718	0.78024	11690	11820
Y_3600	360.073	{ 9 Cts/S	98458	1603.2	1.6283	97325	99592
Y_3710	371.030	{ 9 Cts/S	5878.8	38.744	0.65905	5851.4	5906.2

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0002	0	16.88	0.0002	0.0002
Al3082	308.215	{1 In2306	ppm	141.2	6.497	4.601	136.6	145.8
As1890	189.042	{4 Y_2243	ppm	0.0839	0.0137	16.3	0.0742	0.0936
B_2496	249.678	{1 Y_3710	ppm	0.0653	0.0018	2.823	0.064	0.0666
Ba4554	455.403	{ 7 Y_3710	ppm	1.348	0.0489	3.628	1.314	1.383
Be3130	313.042	{1 Y_3710	ppm	0.0076	0.0002	3.066	0.0074	0.0077
Ca3158	315.887	{1 In2306	ppm	2535	71.07	2.804	2485	2585
Ca3181	318.128	{1 In2306	ppm	2804	134.5	4.796	2709	2899
Cd2288	228.802	{4 Y_2243	ppm	0.0119	0.0074	61.87	0.0067	0.0171
Co2286	228.616	{4 In2306	ppm	0.0994	0.0154	15.53	0.0885	0.1104
Cr2677	267.716	{1 Y_3600	ppm	0.1184	0.0013	1.085	0.1193	0.1175
Cu3247	324.754	{1 Y_3600	ppm	0.1351	0.0003	0.1928	0.1352	0.1349
Fe2404	240.488	{1 In2306	ppm	120.6	5.665	4.698	116.6	124.6
K_7664	766.490	{ 4 Y_3710	ppm	25.01	0.7074	2.829	24.51	25.51
K_7698	769.896	{ 4 Y_3710	ppm	25.01	0.9464	3.783	24.35	25.68
Li6707	670.784	{ 5 Y_3710	ppm	0.1184	0.0052	4.419	0.1147	0.1221
Mg2790	279.079	{1 Y_3710	ppm	28.83	1.383	4.796	27.86	29.81
Mn2576	257.610	{1 Y_3600	ppm	8.42	0.0814	0.9667	8.478	8.363
Mn2576-2	257.610	{1 Y_3710	ppm	10.16	0.3722	3.665	9.894	10.42
Mo2020	202.030	{4 Y_2243	ppm	0.0173	0.0127	73.72	0.0083	0.0262
Na5895	589.592	{ 5 Y_3710	ppm	2.083	0.0519	2.492	2.047	2.12
Na8183	818.326	{ 4 Y_3710	ppm	2.289	0.0657	2.87	2.243	2.336
Ni2316	231.604	{4 In2306	ppm	0.2225	0.0146	6.556	0.2122	0.2329
P_1782	178.284	{4 In2306	ppm	9.976	0.0232	0.2327	9.992	9.96
Pb2203	220.353	{4 In2306	ppm	0.4864	0.0096	1.975	0.4796	0.4932
S_1820	182.034	{4 Y_2243	ppm	-2070	1.251	0.0605	-2071	-2069
Sb2068	206.833	{4 Y_2243	ppm	0.0082	0.0036	43.45	0.0057	0.0108
Se1960	196.090	{4 Y_2243	ppm	0.024	0.0133	55.51	0.0146	0.0334
Si2516	251.611	{1 Y_3710	ppm	20.97	0.7214	3.44	20.46	21.48
Sn1899	189.989	{4 In2306	ppm	0.0646	0.0142	22.06	0.0545	0.0747
Sr4215	421.552	{ 8 Y_3710	ppm	6.505	0.2393	3.679	6.335	6.674
Ti3349	334.904	{1 Y_3600	ppm	0.3625	0.0009	0.2443	0.3618	0.3631
Tl1908	190.856	{4 In2306	ppm	0.0012	0.0163	1327	-0.0103	0.0127
V_2924	292.402	{1 Y_3600	ppm	0.2832	0.0013	0.4414	0.2841	0.2824
Zn2062	206.200	{4 In2306	ppm	0.712	0.0124	1.742	0.7033	0.7208

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.356	1.1113	2.5631	44.142	42.57
In2306	230.606	{4 Cts/S	6605.2	0.69271	0.01049	6605.7	6604.7
Y_2243	224.306	{4 Cts/S	11206	17.232	0.15378	11218	11194
Y_3600	360.073	{ 9 Cts/S	96235	166.6	0.17312	96118	96353
Y_3710	371.030	{ 9 Cts/S	6289.1	140.74	2.2379	6388.6	6189.6

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0006	0.0002	32.14	-0.0007	-0.0004
Al3082	308.215	{1 In2306	ppm	156.5	3.384	2.162	154.1	158.9
As1890	189.042	{4 Y_2243	ppm	0.0924	0.0017	1.834	0.0912	0.0936
B_2496	249.678	{1 Y_3710	ppm	0.0686	0.0111	16.22	0.0607	0.0765
Ba4554	455.403	{ 7 Y_3710	ppm	1.444	0.0015	0.1035	1.445	1.443
Be3130	313.042	{1 Y_3710	ppm	0.0084	0.0001	1.633	0.0083	0.0085
Ca3158	315.887	{1 In2306	ppm	2457	60.67	2.469	2414	2500
Ca3181	318.128	{1 In2306	ppm	2659	63.23	2.378	2614	2703
Cd2288	228.802	{4 Y_2243	ppm	0.0068	0.0021	30.1	0.0054	0.0083
Co2286	228.616	{4 In2306	ppm	0.0872	0.005	5.766	0.0836	0.0908
Cr2677	267.716	{1 Y_3600	ppm	0.1353	0.0025	1.837	0.1371	0.1335
Cu3247	324.754	{1 Y_3600	ppm	0.1359	0.0004	0.2739	0.1356	0.1361
Fe2404	240.488	{1 In2306	ppm	131.3	3.044	2.319	129.1	133.4
K_7664	766.490	{ 4 Y_3710	ppm	21.01	0.0767	0.365	20.96	21.07
K_7698	769.896	{ 4 Y_3710	ppm	20.88	0.0054	0.0259	20.88	20.87
Li6707	670.784	{ 5 Y_3710	ppm	0.1202	0.0008	0.6803	0.1208	0.1196
Mg2790	279.079	{1 Y_3710	ppm	32.9	0.1483	0.451	32.79	33
Mn2576	257.610	{1 Y_3600	ppm	7.766	0.0199	0.2566	7.78	7.752
Mn2576-2	257.610	{1 Y_3710	ppm	9.682	0.0255	0.2633	9.664	9.7
Mo2020	202.030	{4 Y_2243	ppm	0.0062	0.0038	61.01	0.0035	0.0089
Na5895	589.592	{ 5 Y_3710	ppm	2.038	0.012	0.5873	2.046	2.03
Na8183	818.326	{ 4 Y_3710	ppm	2.043	0.0122	0.5988	2.052	2.035
Ni2316	231.604	{4 In2306	ppm	0.2061	0.0049	2.37	0.2027	0.2096
P_1782	178.284	{4 In2306	ppm	9.241	0.0854	0.9247	9.18	9.301
Pb2203	220.353	{4 In2306	ppm	0.3259	0.0095	2.924	0.3191	0.3326
S_1820	182.034	{4 Y_2243	ppm	-2321	26.58	1.145	-2302	-2340
Sb2068	206.833	{4 Y_2243	ppm	-0.0013	0.0041	315.6	-0.0042	0.0016
Se1960	196.090	{4 Y_2243	ppm	0.0119	0.0041	34.26	0.009	0.0148
Si2516	251.611	{1 Y_3710	ppm	20.25	0.0782	0.3864	20.19	20.31
Sn1899	189.989	{4 In2306	ppm	0.0542	0.005	9.198	0.0507	0.0578
Sr4215	421.552	{ 8 Y_3710	ppm	6.035	0.0041	0.0686	6.032	6.038
Ti3349	334.904	{1 Y_3600	ppm	0.3402	0.003	0.873	0.3423	0.3381
Tl1908	190.856	{4 In2306	ppm	-0.0099	0.0019	18.99	-0.0112	-0.0086
V_2924	292.402	{1 Y_3600	ppm	0.2866	0.0037	1.298	0.2892	0.284
Zn2062	206.200	{4 In2306	ppm	1.412	0.0008	0.0552	1.411	1.412

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	41.764	0.92415	2.2128	42.417	41.11
In2306	230.606	{4 Cts/S	6717.8	79.778	1.1876	6774.2	6661.4
Y_2243	224.306	{4 Cts/S	11416	147.58	1.2928	11520	11311
Y_3600	360.073	{ 9 Cts/S	97036	409.58	0.42209	96746	97325
Y_3710	371.030	{ 9 Cts/S	6078	7.6685	0.12617	6083.5	6072.6

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0007	0	4.058	-0.0007	-0.0007
Al3082	308.215	{1 In2306	ppm	272.2	7.92	2.909	266.6	277.8
As1890	189.042	{4 Y_2243	ppm	0.1077	0.0012	1.09	0.1085	0.1069
B_2496	249.678	{1 Y_3710	ppm	0.0458	0.0089	19.32	0.0396	0.0521
Ba4554	455.403	{ 7 Y_3710	ppm	2.694	0.0336	1.246	2.67	2.717
Be3130	313.042	{1 Y_3710	ppm	0.0133	0	0.3677	0.0132	0.0133
Ca3158	315.887	{1 In2306	ppm	2308	56.17	2.433	2269	2348
Ca3181	318.128	{1 In2306	ppm	2463	60.19	2.444	2421	2506
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0002	3.345	0.0053	0.0055
Co2286	228.616	{4 In2306	ppm	0.1572	0.0021	1.307	0.1587	0.1558
Cr2677	267.716	{1 Y_3600	ppm	0.1663	0.0001	0.0386	0.1663	0.1663
Cu3247	324.754	{1 Y_3600	ppm	0.124	0.0004	0.3354	0.1243	0.1237
Fe2404	240.488	{1 In2306	ppm	190	4.79	2.521	186.6	193.4
K_7664	766.490	{ 4 Y_3710	ppm	26.15	0.3878	1.483	25.88	26.42
K_7698	769.896	{ 4 Y_3710	ppm	25.8	0.4055	1.572	25.51	26.09
Li6707	670.784	{ 5 Y_3710	ppm	0.1773	0.0035	2.001	0.1748	0.1798
Mg2790	279.079	{1 Y_3710	ppm	37.48	0.2978	0.7946	37.27	37.69
Mn2576	257.610	{1 Y_3600	ppm	12.98	0.0532	0.4101	12.94	13.02
Mn2576-2	257.610	{1 Y_3710	ppm	17.33	0.1891	1.091	17.2	17.47
Mo2020	202.030	{4 Y_2243	ppm	0.0013	0.0006	49.4	0.0008	0.0017
Na5895	589.592	{ 5 Y_3710	ppm	1.747	0.0266	1.521	1.729	1.766
Na8183	818.326	{ 4 Y_3710	ppm	2.08	0.0166	0.7977	2.092	2.069
Ni2316	231.604	{4 In2306	ppm	0.3073	0.0052	1.684	0.311	0.3037
P_1782	178.284	{4 In2306	ppm	7.859	0.0766	0.9749	7.913	7.804
Pb2203	220.353	{4 In2306	ppm	0.2622	0.0022	0.8516	0.2638	0.2606
S_1820	182.034	{4 Y_2243	ppm	-1467	7.817	0.5326	-1473	-1462
Sb2068	206.833	{4 Y_2243	ppm	-0.0054	0.0005	10.05	-0.0057	-0.005
Se1960	196.090	{4 Y_2243	ppm	0.0126	0.0023	18.31	0.0109	0.0142
Si2516	251.611	{1 Y_3710	ppm	23.47	0.1626	0.6926	23.36	23.59
Sn1899	189.989	{4 In2306	ppm	0.0451	0.0003	0.7606	0.0453	0.0449
Sr4215	421.552	{ 8 Y_3710	ppm	4.088	0.0438	1.072	4.057	4.119
Ti3349	334.904	{1 Y_3600	ppm	0.2738	0.001	0.353	0.2731	0.2745
Tl1908	190.856	{4 In2306	ppm	-0.0155	0.0018	11.49	-0.0142	-0.0168
V_2924	292.402	{1 Y_3600	ppm	0.4514	0.0027	0.5999	0.4533	0.4494
Zn2062	206.200	{4 In2306	ppm	0.7863	0.0019	0.2377	0.785	0.7876

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	38.96	0.97055	2.4911	39.646	38.274
In2306	230.606	{4 Cts/S	6846.6	57.936	0.84619	6805.7	6887.6
Y_2243	224.306	{4 Cts/S	12122	90.458	0.74625	12058	12186
Y_3600	360.073	{ 9 Cts/S	101460	246.76	0.24321	101290	101640
Y_3710	371.030	{ 9 Cts/S	6032.2	63.535	1.0533	6077.1	5987.3

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.4672	0.0387	8.277	0.4945	0.4398
Al3082	308.215	{1 In2306	ppm	192.5	1.389	0.7218	193.4	191.5
As1890	189.042	{4 Y_2243	ppm	0.982	0.0126	1.283	0.991	0.9731
B_2496	249.678	{1 Y_3710	ppm	1.032	0.0425	4.121	1.062	1.002
Ba4554	455.403	{ 7 Y_3710	ppm	3.103	0.1007	3.246	3.174	3.032
Be3130	313.042	{1 Y_3710	ppm	0.4812	0.0154	3.195	0.4921	0.4703
Ca3158	315.887	{1 In2306	ppm	2130	8.829	0.4145	2136	2124
Ca3181	318.128	{1 In2306	ppm	2258	13.86	0.6136	2268	2248
Cd2288	228.802	{4 Y_2243	ppm	0.4465	0.0036	0.8101	0.4491	0.444
Co2286	228.616	{4 In2306	ppm	1.047	0.0052	0.4947	1.051	1.044
Cr2677	267.716	{1 Y_3600	ppm	0.8636	0.0669	7.745	0.9108	0.8163
Cu3247	324.754	{1 Y_3600	ppm	0.9788	0.0826	8.444	1.037	0.9203
Fe2404	240.488	{1 In2306	ppm	150.7	0.9105	0.604	151.4	150.1
K_7664	766.490	{ 4 Y_3710	ppm	33.79	1.154	3.415	34.6	32.97
K_7698	769.896	{ 4 Y_3710	ppm	33.31	1.135	3.409	34.11	32.5
Li6707	670.784	{ 5 Y_3710	ppm	1.271	0.048	3.779	1.305	1.237
Mg2790	279.079	{1 Y_3710	ppm	40	1.204	3.01	40.85	39.15
Mn2576	257.610	{1 Y_3600	ppm	10.08	0.8118	8.05	10.66	9.51
Mn2576-2	257.610	{1 Y_3710	ppm	13.38	0.4449	3.325	13.7	13.07
Mo2020	202.030	{4 Y_2243	ppm	0.8036	0.0085	1.055	0.8096	0.7976
Na5895	589.592	{ 5 Y_3710	ppm	13.33	0.4696	3.522	13.67	13
Na8183	818.326	{ 4 Y_3710	ppm	12.93	0.4423	3.422	13.24	12.61
Ni2316	231.604	{4 In2306	ppm	1.171	0.0047	0.3989	1.174	1.167
P_1782	178.284	{4 In2306	ppm	10.29	0.0634	0.6162	10.33	10.24
Pb2203	220.353	{4 In2306	ppm	1.253	0.0048	0.3847	1.257	1.25
S_1820	182.034	{4 Y_2243	ppm	-2140	15.46	0.7225	-2151	-2129
Sb2068	206.833	{4 Y_2243	ppm	0.8908	0.0155	1.74	0.9017	0.8798
Se1960	196.090	{4 Y_2243	ppm	0.9298	0.0032	0.3391	0.932	0.9275
Si2516	251.611	{1 Y_3710	ppm	19.8	0.6131	3.097	20.23	19.36
Sn1899	189.989	{4 In2306	ppm	1.001	0.0063	0.6323	1.005	0.996
Sr4215	421.552	{ 8 Y_3710	ppm	5.517	0.1736	3.147	5.64	5.395
Ti3349	334.904	{1 Y_3600	ppm	1.037	0.0856	8.26	1.097	0.976
Tl1908	190.856	{4 In2306	ppm	0.8774	0.0047	0.5314	0.8807	0.8742
V_2924	292.402	{1 Y_3600	ppm	1.064	0.0847	7.959	1.124	1.004
Zn2062	206.200	{4 In2306	ppm	1.627	0.0061	0.3746	1.631	1.623

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	39.528	0.05687	0.14387	39.568	39.488
In2306	230.606	{4 Cts/S	6875.7	20.164	0.29326	6861.4	6890
Y_2243	224.306	{4 Cts/S	11750	56.245	0.4787	11710	11789
Y_3600	360.073	{ 9 Cts/S	103050	6679.7	6.4821	98325	107770
Y_3710	371.030	{ 9 Cts/S	5889.2	152.02	2.5813	5781.7	5996.7

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0002	123.4	0	-0.0002
Al3082	308.215	{1 In2306	ppm	35.64	0.3608	1.012	35.9	35.38
As1890	189.042	{4 Y_2243	ppm	0.0185	0.009	48.67	0.0122	0.0249
B_2496	249.678	{1 Y_3710	ppm	-0.0056	0.009	159.5	0.0007	-0.012
Ba4554	455.403	{ 7 Y_3710	ppm	0.3916	0.0177	4.519	0.4041	0.3791
Be3130	313.042	{1 Y_3710	ppm	0.0021	0.0003	13.31	0.0023	0.0019
Ca3158	315.887	{1 In2306	ppm	452.3	1.328	0.2936	451.3	453.2
Ca3181	318.128	{1 In2306	ppm	452.8	1.678	0.3705	451.6	454
Cd2288	228.802	{4 Y_2243	ppm	0.0034	0.0033	96.86	0.0011	0.0057
Co2286	228.616	{4 In2306	ppm	0.0281	0.0083	29.56	0.0222	0.034
Cr2677	267.716	{1 Y_3600	ppm	0.0288	0	0.0091	0.0288	0.0288
Cu3247	324.754	{1 Y_3600	ppm	0.0253	0.0006	2.214	0.0249	0.0257
Fe2404	240.488	{1 In2306	ppm	28.82	0.0087	0.0303	28.82	28.81
K_7664	766.490	{ 4 Y_3710	ppm	4.224	0.2812	6.657	4.423	4.025
K_7698	769.896	{ 4 Y_3710	ppm	4.178	0.1936	4.633	4.315	4.041
Li6707	670.784	{ 5 Y_3710	ppm	0.0263	0.0014	5.369	0.0273	0.0253
Mg2790	279.079	{1 Y_3710	ppm	6.067	0.1551	2.556	6.177	5.958
Mn2576	257.610	{1 Y_3600	ppm	2.419	0.0352	1.456	2.394	2.443
Mn2576-2	257.610	{1 Y_3710	ppm	2.521	0.0886	3.513	2.584	2.458
Mo2020	202.030	{4 Y_2243	ppm	0.0083	0.0083	100.4	0.0024	0.0142
Na5895	589.592	{ 5 Y_3710	ppm	0.3836	0.0206	5.359	0.3981	0.3691
Na8183	818.326	{ 4 Y_3710	ppm	0.4654	0.021	4.521	0.4505	0.4802
Ni2316	231.604	{4 In2306	ppm	0.0525	0.0093	17.71	0.046	0.0591
P_1782	178.284	{4 In2306	ppm	1.764	0.0689	3.904	1.715	1.813
Pb2203	220.353	{4 In2306	ppm	0.0776	0.0077	9.957	0.0722	0.0831
S_1820	182.034	{4 Y_2243	ppm	-475.3	9.022	1.898	-468.9	-481.7
Sb2068	206.833	{4 Y_2243	ppm	0.0178	0.0058	32.63	0.0137	0.0218
Se1960	196.090	{4 Y_2243	ppm	0.0064	0.005	78.21	0.0029	0.0099
Si2516	251.611	{1 Y_3710	ppm	3.63	0.0924	2.545	3.695	3.565
Sn1899	189.989	{4 In2306	ppm	0.0175	0.0094	53.68	0.0109	0.0242
Sr4215	421.552	{ 8 Y_3710	ppm	0.9913	0.0437	4.409	1.022	0.9604
Ti3349	334.904	{1 Y_3600	ppm	0.0549	0.0006	1.111	0.0545	0.0554
Tl1908	190.856	{4 In2306	ppm	0.0028	0.0062	217.4	-0.0015	0.0072
V_2924	292.402	{1 Y_3600	ppm	0.0748	0.001	1.292	0.0741	0.0755
Zn2062	206.200	{4 In2306	ppm	0.1557	0.0127	8.128	0.1468	0.1647

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	41.636	0.00196	0.00472	41.637	41.634
In2306	230.606	{4 Cts/S	8397.7	77.724	0.92553	8452.7	8342.7
Y_2243	224.306	{4 Cts/S	12163	72.059	0.59244	12214	12112
Y_3600	360.073	{ 9 Cts/S	104820	672.87	0.64191	105300	104350
Y_3710	371.030	{ 9 Cts/S	6282.2	205.8	3.2759	6136.7	6427.7

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2398	0.0037	1.533	0.2424	0.2372
Al3082	308.215	{1 In2306	ppm	2.673	0.0446	1.669	2.642	2.705
As1890	189.042	{4 Y_2243	ppm	0.4836	0.0033	0.6763	0.4859	0.4812
B_2496	249.678	{1 Y_3710	ppm	0.4518	0.0128	2.831	0.4427	0.4608
Ba4554	455.403	{ 7 Y_3710	ppm	0.505	0.0126	2.49	0.4961	0.5139
Be3130	313.042	{1 Y_3710	ppm	0.4844	0.0123	2.545	0.4757	0.4932
Ca3158	315.887	{1 In2306	ppm	12.52	0.0787	0.6287	12.47	12.58
Ca3181	318.128	{1 In2306	ppm	12.45	0.1891	1.52	12.31	12.58
Cd2288	228.802	{4 Y_2243	ppm	0.4766	0.0063	1.312	0.4811	0.4722
Co2286	228.616	{4 In2306	ppm	0.478	0.0033	0.6977	0.4804	0.4757
Cr2677	267.716	{1 Y_3600	ppm	0.4779	0.0142	2.974	0.4879	0.4678
Cu3247	324.754	{1 Y_3600	ppm	0.4764	0.0102	2.136	0.4836	0.4692
Fe2404	240.488	{1 In2306	ppm	2.302	0.0435	1.89	2.271	2.333
K_7664	766.490	{ 4 Y_3710	ppm	14.07	0.3899	2.771	13.8	14.35
K_7698	769.896	{ 4 Y_3710	ppm	13.53	0.3209	2.372	13.3	13.75
Li6707	670.784	{ 5 Y_3710	ppm	0.5577	0.0111	1.993	0.5499	0.5656
Mg2790	279.079	{1 Y_3710	ppm	4.498	0.0817	1.817	4.44	4.555
Mn2576	257.610	{1 Y_3600	ppm	0.4729	0.011	2.325	0.4807	0.4651
Mn2576-2	257.610	{1 Y_3710	ppm	0.4484	0.0105	2.343	0.441	0.4558
Mo2020	202.030	{4 Y_2243	ppm	0.4966	0.0081	1.633	0.5023	0.4909
Na5895	589.592	{ 5 Y_3710	ppm	13.92	0.3383	2.43	13.69	14.16
Na8183	818.326	{ 4 Y_3710	ppm	13.35	0.242	1.813	13.18	13.52
Ni2316	231.604	{4 In2306	ppm	0.4808	0.0037	0.7715	0.4834	0.4782
P_1782	178.284	{4 In2306	ppm	0.0021	0.0034	157.2	-0.0002	0.0045
Pb2203	220.353	{4 In2306	ppm	0.4798	0.0018	0.3821	0.4811	0.4785
S_1820	182.034	{4 Y_2243	ppm	-283.3	1.877	0.6624	-284.6	-282
Sb2068	206.833	{4 Y_2243	ppm	0.4861	0.008	1.643	0.4918	0.4805
Se1960	196.090	{4 Y_2243	ppm	0.4986	0.0056	1.12	0.5026	0.4947
Si2516	251.611	{1 Y_3710	ppm	0.8867	0.0253	2.858	0.8688	0.9046
Sn1899	189.989	{4 In2306	ppm	0.4878	0.0044	0.8945	0.4908	0.4847
Sr4215	421.552	{ 8 Y_3710	ppm	0.2577	0.0064	2.491	0.2532	0.2623
Ti3349	334.904	{1 Y_3600	ppm	0.4906	0.0109	2.231	0.4984	0.4829
Tl1908	190.856	{4 In2306	ppm	0.4982	0.0049	0.9888	0.5017	0.4947
V_2924	292.402	{1 Y_3600	ppm	0.464	0.01	2.163	0.4711	0.4569
Zn2062	206.200	{4 In2306	ppm	0.4674	0.0012	0.246	0.4682	0.4666

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.917	0.20355	0.46348	44.061	43.773
In2306	230.606	{4 Cts/S	9634.7	67.828	0.704	9586.7	9682.7
Y_2243	224.306	{4 Cts/S	12570	137.85	1.0967	12473	12667
Y_3600	360.073	{ 9 Cts/S	109320	1583.3	1.4482	108200	110440
Y_3710	371.030	{ 9 Cts/S	6484.5	147.74	2.2784	6588.9	6380

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0048	0.0003	6.584	0.0051	0.0046
Al3082	308.215	{1 In2306	ppm	0.1232	0.0206	16.76	0.1378	0.1086
As1890	189.042	{4 Y_2243	ppm	0.0088	0.0013	14.76	0.0079	0.0097
B_2496	249.678	{1 Y_3710	ppm	0.0011	0.0028	264.4	0.003	-0.0009
Ba4554	455.403	{ 7 Y_3710	ppm	0.0095	0	0.4486	0.0095	0.0096
Be3130	313.042	{1 Y_3710	ppm	0.0047	0.0003	5.591	0.0049	0.0045
Ca3158	315.887	{1 In2306	ppm	0.0902	0.0034	3.734	0.0878	0.0926
Ca3181	318.128	{1 In2306	ppm	0.1123	0.023	20.48	0.096	0.1285
Cd2288	228.802	{4 Y_2243	ppm	0.0054	0.0008	14.69	0.0048	0.0059
Co2286	228.616	{4 In2306	ppm	0.01	0.0011	11.18	0.0092	0.0108
Cr2677	267.716	{1 Y_3600	ppm	0.0088	0.0003	3.66	0.0086	0.0091
Cu3247	324.754	{1 Y_3600	ppm	0.0094	0.0004	4.69	0.0091	0.0097
Fe2404	240.488	{1 In2306	ppm	0.0977	0.0157	16.06	0.1087	0.0866
K_7664	766.490	{ 4 Y_3710	ppm	0.7173	0.0258	3.592	0.7355	0.6991
K_7698	769.896	{ 4 Y_3710	ppm	0.7801	0.0375	4.801	0.7536	0.8066
Li6707	670.784	{ 5 Y_3710	ppm	0.0109	0.0004	3.618	0.0112	0.0107
Mg2790	279.079	{1 Y_3710	ppm	0.0895	0.0184	20.51	0.1025	0.0765
Mn2576	257.610	{1 Y_3600	ppm	0.0096	0.0001	1.035	0.0095	0.0097
Mn2576-2	257.610	{1 Y_3710	ppm	0.0081	0.0003	3.351	0.0079	0.0083
Mo2020	202.030	{4 Y_2243	ppm	0.0116	0.0011	9.914	0.0107	0.0124
Na5895	589.592	{ 5 Y_3710	ppm	0.6673	0.0024	0.3552	0.6656	0.669
Na8183	818.326	{ 4 Y_3710	ppm	0.7406	0.2283	30.83	0.5791	0.9021
Ni2316	231.604	{4 In2306	ppm	0.0098	0.0008	8.366	0.0092	0.0103
P_1782	178.284	{4 In2306	ppm	0.0091	0.0005	6.001	0.0095	0.0087
Pb2203	220.353	{4 In2306	ppm	0.0101	0.0009	8.704	0.0095	0.0107
S_1820	182.034	{4 Y_2243	ppm	-1.474	0.4146	28.13	-1.767	-1.18
Sb2068	206.833	{4 Y_2243	ppm	0.0174	0.0013	7.652	0.0164	0.0183
Se1960	196.090	{4 Y_2243	ppm	0.0088	0.0027	30.26	0.007	0.0107
Si2516	251.611	{1 Y_3710	ppm	0.0209	0.0261	124.8	0.0394	0.0025
Sn1899	189.989	{4 In2306	ppm	0.0108	0.0009	8.465	0.0101	0.0114
Sr4215	421.552	{ 8 Y_3710	ppm	0.0048	0.0001	1.185	0.0048	0.0048
Ti3349	334.904	{1 Y_3600	ppm	0.0102	0.0003	2.718	0.0104	0.01
Tl1908	190.856	{4 In2306	ppm	0.0105	0.0013	11.91	0.0096	0.0114
V_2924	292.402	{1 Y_3600	ppm	0.0088	0.0001	1.43	0.0087	0.0089
Zn2062	206.200	{4 In2306	ppm	0.0096	0.0009	9.581	0.009	0.0103

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	40.539	1.6208	3.9982	41.685	39.393
In2306	230.606	{4 Cts/S	10241	45.188	0.44125	10209	10273
Y_2243	224.306	{4 Cts/S	12871	86.907	0.6752	12810	12933
Y_3600	360.073	{ 9 Cts/S	113950	1249.9	1.0969	114830	113060
Y_3710	371.030	{ 9 Cts/S	6589.8	66.482	1.0089	6636.8	6542.8

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0001	49.94	-0.0003	-0.0001
Al3082	308.215	{1 In2306	ppm	0.0747	0.0168	22.49	0.0866	0.0628
As1890	189.042	{4 Y_2243	ppm	0	0.0003	2180	0.0002	-0.0002
B_2496	249.678	{1 Y_3710	ppm	-0.0077	0.0013	17.5	-0.0067	-0.0086
Ba4554	455.403	{ 7 Y_3710	ppm	0.0001	0.0001	62.09	0.0001	0.0002
Be3130	313.042	{1 Y_3710	ppm	0	0	97.78	0	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.013	0.0058	44.55	-0.0089	-0.017
Ca3181	318.128	{1 In2306	ppm	-0.0047	0.0041	86.22	-0.0018	-0.0076
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0.0001	195.2	0	0.0002
Co2286	228.616	{4 In2306	ppm	0.0001	0.0001	99.58	0	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0002	0.0001	23.48	-0.0002	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0	0.0003	720.1	-0.0002	0.0002
Fe2404	240.488	{1 In2306	ppm	0.0018	0.0001	5.36	0.0019	0.0017
K_7664	766.490	{ 4 Y_3710	ppm	0.008	0.011	137.7	0.0002	0.0157
K_7698	769.896	{ 4 Y_3710	ppm	0.1903	0.0386	20.31	0.1629	0.2176
Li6707	670.784	{ 5 Y_3710	ppm	0.0003	0.0003	110.4	0.0005	0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.0611	0.0941	154	0.0054	-0.1277
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	8.093	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0013	0.0003	19.59	-0.0015	-0.0012
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0004	129	0	0.0006
Na5895	589.592	{ 5 Y_3710	ppm	0.0201	0.005	24.83	0.0165	0.0236
Na8183	818.326	{ 4 Y_3710	ppm	0.3709	0.0853	23.01	0.4312	0.3105
Ni2316	231.604	{4 In2306	ppm	0	0.0001	1544	0.0001	-0.0001
P_1782	178.284	{4 In2306	ppm	0.0002	0.0003	152.3	0.0005	0
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0001	55.98	0.0002	0.0001
S_1820	182.034	{4 Y_2243	ppm	-0.8401	0.5891	70.12	-1.257	-0.4235
Sb2068	206.833	{4 Y_2243	ppm	0.0021	0.0006	27.59	0.0025	0.0017
Se1960	196.090	{4 Y_2243	ppm	0.0009	0.0007	76.2	0.0004	0.0014
Si2516	251.611	{1 Y_3710	ppm	0.0101	0.018	179	0.0228	-0.0027
Sn1899	189.989	{4 In2306	ppm	0.0002	0	2.729	0.0002	0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0	10.92	-0.0002	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	-0.0002	0.0003	177.6	0	-0.0004
Tl1908	190.856	{4 In2306	ppm	0.0013	0.0013	96.27	0.0023	0.0004
V_2924	292.402	{1 Y_3600	ppm	-0.0002	0.0001	32.9	-0.0001	-0.0002
Zn2062	206.200	{4 In2306	ppm	0.0001	0.0001	85.85	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	42.418	2.1874	5.1568	43.965	40.871
In2306	230.606	{4 Cts/S	10287	24.017	0.23347	10270	10304
Y_2243	224.306	{4 Cts/S	12900	33.367	0.25866	12877	12924
Y_3600	360.073	{ 9 Cts/S	111990	1882.1	1.6806	113320	110660
Y_3710	371.030	{ 9 Cts/S	6454.2	327.21	5.0697	6685.6	6222.8

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SampleName=ICSA 742832
Username=admin
Comment=
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Custom ID2=
Custom ID3=
Run Time=1/14/2012 15:57:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0009	781	0.0005	-0.0007
Al3082	308.215	{1 In2306	ppm	559.1	9.337	1.67	552.5	565.7
As1890	189.042	{4 Y_2243	ppm	0	0.0009	4377	-0.0006	0.0007
B_2496	249.678	{1 Y_3710	ppm	0.0083	0.0134	160.6	0.0178	-0.0011
Ba4554	455.403	{ 7 Y_3710	ppm	0.0007	0.0002	30.79	0.0006	0.0009
Be3130	313.042	{1 Y_3710	ppm	0	0.0001	289.7	0.0001	0
Ca3158	315.887	{1 In2306	ppm	519.3	5.976	1.151	515.1	523.5
Ca3181	318.128	{1 In2306	ppm	520.1	6.062	1.165	515.8	524.4
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0002	282	0.0001	-0.0002
Co2286	228.616	{4 In2306	ppm	0.0004	0.0001	12.79	0.0005	0.0004
Cr2677	267.716	{1 Y_3600	ppm	0.0018	0.0004	20.09	0.0021	0.0016
Cu3247	324.754	{1 Y_3600	ppm	0.0034	0.0003	8.494	0.0036	0.0032
Fe2404	240.488	{1 In2306	ppm	189.2	2.326	1.229	187.6	190.9
K_7664	766.490	{ 4 Y_3710	ppm	0.0388	0.0184	47.3	0.0258	0.0518
K_7698	769.896	{ 4 Y_3710	ppm	0.1193	0.0041	3.44	0.1222	0.1164
Li6707	670.784	{ 5 Y_3710	ppm	0.0097	0.0001	1.028	0.0097	0.0096
Mg2790	279.079	{1 Y_3710	ppm	543.9	14.38	2.644	554.1	533.7
Mn2576	257.610	{1 Y_3600	ppm	-0.005	0	0.5735	-0.005	-0.005
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0074	0.0023	30.93	-0.0058	-0.0091
Mo2020	202.030	{4 Y_2243	ppm	-0.0004	0	4.994	-0.0004	-0.0004
Na5895	589.592	{ 5 Y_3710	ppm	0.0564	0.0046	8.087	0.0531	0.0596
Na8183	818.326	{ 4 Y_3710	ppm	0.5319	0.1515	28.48	0.6391	0.4248
Ni2316	231.604	{4 In2306	ppm	0.005	0.0002	3.228	0.0052	0.0049
P_1782	178.284	{4 In2306	ppm	0.0045	0.0012	26.43	0.0037	0.0054
Pb2203	220.353	{4 In2306	ppm	-0.0158	0.0023	14.68	-0.0141	-0.0174
S_1820	182.034	{4 Y_2243	ppm	33.5	0.9265	2.766	34.15	32.84
Sb2068	206.833	{4 Y_2243	ppm	-0.0067	0.0051	75.9	-0.0031	-0.0103
Se1960	196.090	{4 Y_2243	ppm	0.004	0.0036	89.5	0.0066	0.0015
Si2516	251.611	{1 Y_3710	ppm	0.0087	0.046	530.5	0.0412	-0.0238
Sn1899	189.989	{4 In2306	ppm	0.0016	0.0008	50.17	0.0011	0.0022
Sr4215	421.552	{ 8 Y_3710	ppm	0.0021	0.0004	17.66	0.0024	0.0019
Ti3349	334.904	{1 Y_3600	ppm	0.002	0.0001	5.094	0.0019	0.0021
Tl1908	190.856	{4 In2306	ppm	-0.005	0.0001	2.265	-0.0051	-0.0049
V_2924	292.402	{1 Y_3600	ppm	-0.0072	0.0005	7.55	-0.0075	-0.0068
Zn2062	206.200	{4 In2306	ppm	0.0043	0.0003	6.417	0.0045	0.0041

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	40.3	0.76403	1.8959	40.84	39.76
In2306	230.606	{4 Cts/S	7329.1	140.41	1.9158	7229.8	7428.4
Y_2243	224.306	{4 Cts/S	10980	205.04	1.8673	10835	11125
Y_3600	360.073	{ 9 Cts/S	94952	1725.3	1.817	93732	96172
Y_3710	371.030	{ 9 Cts/S	5646.4	110.88	1.9638	5568	5724.8

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Custom ID2=
Custom ID3=
Run Time=1/14/2012 16:00:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5393	0.0057	1.063	0.5353	0.5434
Al3082	308.215	{1 In2306	ppm	582.6	10.95	1.88	574.8	590.3
As1890	189.042	{4 Y_2243	ppm	0.9918	0.0071	0.7186	0.9969	0.9868
B_2496	249.678	{1 Y_3710	ppm	1.017	0.0066	0.6521	1.022	1.013
Ba4554	455.403	{ 7 Y_3710	ppm	1.147	0.0029	0.2566	1.149	1.145
Be3130	313.042	{1 Y_3710	ppm	0.5083	0.0026	0.5099	0.5101	0.5065
Ca3158	315.887	{1 In2306	ppm	536.8	14.04	2.615	526.9	546.7
Ca3181	318.128	{1 In2306	ppm	537.4	14.11	2.626	527.4	547.4
Cd2288	228.802	{4 Y_2243	ppm	0.4993	0.0062	1.25	0.5037	0.4949
Co2286	228.616	{4 In2306	ppm	0.9635	0.011	1.144	0.9713	0.9557
Cr2677	267.716	{1 Y_3600	ppm	0.892	0.0165	1.853	0.8803	0.9036
Cu3247	324.754	{1 Y_3600	ppm	1.032	0.016	1.551	1.02	1.043
Fe2404	240.488	{1 In2306	ppm	201	5.348	2.66	197.2	204.8
K_7664	766.490	{ 4 Y_3710	ppm	12.97	0.1861	1.435	13.11	12.84
K_7698	769.896	{ 4 Y_3710	ppm	12.49	0.1883	1.508	12.62	12.36
Li6707	670.784	{ 5 Y_3710	ppm	1.262	0.0162	1.284	1.273	1.251
Mg2790	279.079	{1 Y_3710	ppm	547.6	0.5446	0.0995	548	547.2
Mn2576	257.610	{1 Y_3600	ppm	0.8874	0.0148	1.664	0.8769	0.8978
Mn2576-2	257.610	{1 Y_3710	ppm	0.9689	0.0044	0.4543	0.972	0.9658
Mo2020	202.030	{4 Y_2243	ppm	0.9171	0.0151	1.643	0.9277	0.9064
Na5895	589.592	{ 5 Y_3710	ppm	12.55	0.1524	1.215	12.65	12.44
Na8183	818.326	{ 4 Y_3710	ppm	12.47	0.0202	0.1618	12.46	12.49
Ni2316	231.604	{4 In2306	ppm	0.9713	0.0128	1.322	0.9803	0.9622
P_1782	178.284	{4 In2306	ppm	1.106	0.0106	0.9586	1.114	1.099
Pb2203	220.353	{4 In2306	ppm	0.9297	0.013	1.401	0.9389	0.9205
S_1820	182.034	{4 Y_2243	ppm	38.14	0.2742	0.7189	38.33	37.94
Sb2068	206.833	{4 Y_2243	ppm	0.9694	0.0205	2.116	0.9839	0.9549
Se1960	196.090	{4 Y_2243	ppm	0.9994	0.0105	1.055	1.007	0.9919
Si2516	251.611	{1 Y_3710	ppm	0.9403	0.0023	0.2402	0.9387	0.9419
Sn1899	189.989	{4 In2306	ppm	0.9869	0.0112	1.137	0.9948	0.9789
Sr4215	421.552	{ 8 Y_3710	ppm	0.5666	0.0022	0.3902	0.5682	0.5651
Ti3349	334.904	{1 Y_3600	ppm	0.9388	0.0136	1.452	0.9291	0.9484
Tl1908	190.856	{4 In2306	ppm	0.9317	0.011	1.183	0.9395	0.9239
V_2924	292.402	{1 Y_3600	ppm	0.8721	0.0161	1.844	0.8608	0.8835
Zn2062	206.200	{4 In2306	ppm	0.9645	0.0092	0.9531	0.971	0.958

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	39.268	0.95349	2.4281	39.942	38.594
In2306	230.606	{4 Cts/S	7282.1	55.516	0.76237	7242.8	7321.3
Y_2243	224.306	{4 Cts/S	11002	101.3	0.92074	10930	11073
Y_3600	360.073	{ 9 Cts/S	94006	1122.1	1.1937	94799	93212
Y_3710	371.030	{ 9 Cts/S	5637.9	24.678	0.43771	5620.4	5655.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2324	0.0022	0.9537	0.2308	0.234
Al3082	308.215	{1 In2306	ppm	2.6	0.1173	4.513	2.683	2.517
As1890	189.042	{4 Y_2243	ppm	0.4791	0.0003	0.0596	0.4793	0.4789
B_2496	249.678	{1 Y_3710	ppm	0.4456	0.0039	0.876	0.4484	0.4428
Ba4554	455.403	{ 7 Y_3710	ppm	0.4943	0.0071	1.432	0.4993	0.4893
Be3130	313.042	{1 Y_3710	ppm	0.4733	0.0064	1.355	0.4778	0.4687
Ca3158	315.887	{1 In2306	ppm	12.28	0.0243	0.1976	12.3	12.26
Ca3181	318.128	{1 In2306	ppm	12.28	0.2182	1.777	12.43	12.12
Cd2288	228.802	{4 Y_2243	ppm	0.4703	0.0011	0.2428	0.4695	0.4711
Co2286	228.616	{4 In2306	ppm	0.4739	0.0013	0.2817	0.4729	0.4748
Cr2677	267.716	{1 Y_3600	ppm	0.4628	0.0021	0.4529	0.4613	0.4642
Cu3247	324.754	{1 Y_3600	ppm	0.4625	0.0017	0.365	0.4613	0.4637
Fe2404	240.488	{1 In2306	ppm	2.308	0.0662	2.87	2.354	2.261
K_7664	766.490	{ 4 Y_3710	ppm	13.78	0.3431	2.491	14.02	13.54
K_7698	769.896	{ 4 Y_3710	ppm	13.26	0.3991	3.011	13.54	12.98
Li6707	670.784	{ 5 Y_3710	ppm	0.5483	0.019	3.471	0.5617	0.5348
Mg2790	279.079	{1 Y_3710	ppm	4.435	0.0366	0.8246	4.409	4.461
Mn2576	257.610	{1 Y_3600	ppm	0.4598	0.0057	1.23	0.4558	0.4638
Mn2576-2	257.610	{1 Y_3710	ppm	0.436	0.001	0.2257	0.4353	0.4367
Mo2020	202.030	{4 Y_2243	ppm	0.4938	0.0005	0.0948	0.4941	0.4934
Na5895	589.592	{ 5 Y_3710	ppm	13.67	0.3703	2.71	13.93	13.41
Na8183	818.326	{ 4 Y_3710	ppm	12.7	0.1637	1.289	12.81	12.58
Ni2316	231.604	{4 In2306	ppm	0.4786	0.0008	0.1648	0.4781	0.4792
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0004	61.04	-0.001	-0.0004
Pb2203	220.353	{4 In2306	ppm	0.4768	0.0007	0.1423	0.4763	0.4773
S_1820	182.034	{4 Y_2243	ppm	-280.4	0.6658	0.2375	-279.9	-280.9
Sb2068	206.833	{4 Y_2243	ppm	0.4992	0.0001	0.0108	0.4992	0.4993
Se1960	196.090	{4 Y_2243	ppm	0.4917	0.0006	0.1289	0.4912	0.4921
Si2516	251.611	{1 Y_3710	ppm	0.8196	0.017	2.078	0.8317	0.8076
Sn1899	189.989	{4 In2306	ppm	0.4865	0.0018	0.3706	0.4852	0.4877
Sr4215	421.552	{ 8 Y_3710	ppm	0.2519	0.0034	1.349	0.2543	0.2495
Ti3349	334.904	{1 Y_3600	ppm	0.4803	0.0058	1.217	0.4761	0.4844
Tl1908	190.856	{4 In2306	ppm	0.4962	0.0041	0.8174	0.4991	0.4934
V_2924	292.402	{1 Y_3600	ppm	0.4488	0.005	1.107	0.4453	0.4523
Zn2062	206.200	{4 In2306	ppm	0.4645	0.0008	0.172	0.4639	0.4651

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.549	0.92244	2.1182	42.896	44.201
In2306	230.606	{4 Cts/S	9705.3	5.8537	0.06031	9709.4	9701.1
Y_2243	224.306	{4 Cts/S	12712	7.7855	0.06125	12717	12706
Y_3600	360.073	{ 9 Cts/S	111690	1094.3	0.97978	112470	110920
Y_3710	371.030	{ 9 Cts/S	6524.8	53.305	0.81696	6487.1	6562.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0001	0.0001	56.19	-0.0001	-0.0001
Al3082	308.215	{1 In2306	ppm	0.1252	0.0608	48.56	0.1682	0.0822
As1890	189.042	{4 Y_2243	ppm	0	0.0014	27080	-0.001	0.001
B_2496	249.678	{1 Y_3710	ppm	-0.0006	0.002	346	0.0008	-0.002
Ba4554	455.403	{ 7 Y_3710	ppm	0	0.0001	575.3	0	0
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	265.2	-0.0001	0
Ca3158	315.887	{1 In2306	ppm	-0.0122	0.002	16.3	-0.0136	-0.0108
Ca3181	318.128	{1 In2306	ppm	-0.0519	0.017	32.8	-0.0639	-0.0398
Cd2288	228.802	{4 Y_2243	ppm	0.0009	0.0012	134.6	0	0.0018
Co2286	228.616	{4 In2306	ppm	0.0011	0.0014	131.4	0.0001	0.0021
Cr2677	267.716	{1 Y_3600	ppm	-0.0001	0.0004	396.7	-0.0004	0.0002
Cu3247	324.754	{1 Y_3600	ppm	-0.0001	0	68.69	0	-0.0001
Fe2404	240.488	{1 In2306	ppm	-0.0032	0.0039	120.1	-0.006	-0.0005
K_7664	766.490	{ 4 Y_3710	ppm	0.0092	0.0106	115.8	0.0017	0.0167
K_7698	769.896	{ 4 Y_3710	ppm	0.1644	0.0866	52.68	0.2256	0.1031
Li6707	670.784	{ 5 Y_3710	ppm	0.0004	0.0004	93.47	0.0007	0.0001
Mg2790	279.079	{1 Y_3710	ppm	-0.0399	0.0227	56.93	-0.056	-0.0239
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0	44.07	0.0001	0.0001
Mn2576-2	257.610	{1 Y_3710	ppm	0.0005	0.0019	379.5	0.0018	-0.0008
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0021	86.26	0.0009	0.0039
Na5895	589.592	{ 5 Y_3710	ppm	0.022	0.002	9.287	0.0234	0.0205
Na8183	818.326	{ 4 Y_3710	ppm	0.1567	0.4557	290.7	0.4789	-0.1655
Ni2316	231.604	{4 In2306	ppm	0.0008	0.0012	151.8	-0.0001	0.0017
P_1782	178.284	{4 In2306	ppm	-0.0005	0.0004	71.19	-0.0003	-0.0008
Pb2203	220.353	{4 In2306	ppm	0.0008	0.0002	21.2	0.0007	0.0009
S_1820	182.034	{4 Y_2243	ppm	-1.044	1.047	100.2	-0.3041	-1.784
Sb2068	206.833	{4 Y_2243	ppm	0.0122	0.0018	14.7	0.011	0.0135
Se1960	196.090	{4 Y_2243	ppm	0	0.0017	131200	-0.0012	0.0012
Si2516	251.611	{1 Y_3710	ppm	0.0143	0.0011	7.752	0.0135	0.015
Sn1899	189.989	{4 In2306	ppm	0.0019	0.0018	94.43	0.0006	0.0032
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0001	0.0002	215.3	0	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0.0009	0.0002	17.16	0.0008	0.001
Tl1908	190.856	{4 In2306	ppm	0.0016	0.0007	43.35	0.0011	0.0021
V_2924	292.402	{1 Y_3600	ppm	-0.0006	0.0005	83.89	-0.001	-0.0003
Zn2062	206.200	{4 In2306	ppm	0.0011	0.0013	121.5	0.0001	0.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	40.524	0.37054	0.91439	40.786	40.262
In2306	230.606	{4 Cts/S	10317	39.274	0.38065	10345	10290
Y_2243	224.306	{4 Cts/S	12915	56.619	0.43838	12956	12875
Y_3600	360.073	{ 9 Cts/S	110690	2993.6	2.7045	112810	108570
Y_3710	371.030	{ 9 Cts/S	6477.5	5.887	0.09088	6473.4	6481.7

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	-0.0002	0.0002	77.03	-0.0003	-0.0001
Al3082	308.215	{1 In2306	ppm	0.0448	0.0065	14.6	0.0494	0.0402
As1890	189.042	{4 Y_2243	ppm	-0.0006	0.0001	12.57	-0.0005	-0.0007
B_2496	249.678	{1 Y_3710	ppm	-0.0095	0.0028	29	-0.0115	-0.0076
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0.0003	81.66	-0.0006	-0.0002
Be3130	313.042	{1 Y_3710	ppm	0	0.0002	2497	0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0205	0.0179	87.13	-0.0332	-0.0079
Ca3181	318.128	{1 In2306	ppm	0.0625	0.0071	11.4	0.0574	0.0675
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0.0001	75.52	-0.0002	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	44.66	0.0002	0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0001	22.24	-0.0004	-0.0003
Cu3247	324.754	{1 Y_3600	ppm	0	0	71.1	0	-0.0001
Fe2404	240.488	{1 In2306	ppm	-0.0042	0.023	553.8	-0.0204	0.0121
K_7664	766.490	{ 4 Y_3710	ppm	0.0171	0.0031	18.18	0.0193	0.0149
K_7698	769.896	{ 4 Y_3710	ppm	-0.396	0.0116	2.93	-0.3877	-0.4042
Li6707	670.784	{ 5 Y_3710	ppm	0.0005	0.0002	45.25	0.0003	0.0006
Mg2790	279.079	{1 Y_3710	ppm	-0.1158	0.0353	30.46	-0.1407	-0.0908
Mn2576	257.610	{1 Y_3600	ppm	0	0	1146	0	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0001	0.0024	3127	0.0016	-0.0018
Mo2020	202.030	{4 Y_2243	ppm	0	0.0002	798	-0.0002	0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0144	0.0023	15.89	0.0128	0.016
Na8183	818.326	{ 4 Y_3710	ppm	0.1073	0.0525	48.94	0.0702	0.1445
Ni2316	231.604	{4 In2306	ppm	-0.0003	0	10.78	-0.0003	-0.0003
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0008	119	-0.0001	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.0013	0.0005	37.24	0.001	0.0017
S_1820	182.034	{4 Y_2243	ppm	-0.1841	0.2431	132	-0.356	-0.0122
Sb2068	206.833	{4 Y_2243	ppm	-0.0009	0.0006	64.23	-0.0005	-0.0014
Se1960	196.090	{4 Y_2243	ppm	-0.0002	0.0019	1025	-0.0016	0.0012
Si2516	251.611	{1 Y_3710	ppm	0.0264	0.0101	38.41	0.0192	0.0336
Sn1899	189.989	{4 In2306	ppm	-0.0005	0.0002	47.53	-0.0006	-0.0003
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0002	0	9.872	-0.0002	-0.0002
Ti3349	334.904	{1 Y_3600	ppm	0	0	39.36	0	0
Tl1908	190.856	{4 In2306	ppm	0.0006	0.0003	44.95	0.0004	0.0008
V_2924	292.402	{1 Y_3600	ppm	-0.0005	0.0001	17.04	-0.0006	-0.0005
Zn2062	206.200	{4 In2306	ppm	-0.0003	0.0001	44.65	-0.0004	-0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	44.083	1.6687	3.7855	45.263	42.903
In2306	230.606	{4 Cts/S	10427	176.68	1.6944	10302	10552
Y_2243	224.306	{4 Cts/S	12827	221.24	1.7248	12671	12983
Y_3600	360.073	{ 9 Cts/S	117900	1340.5	1.1369	118850	116960
Y_3710	371.030	{ 9 Cts/S	6878.7	98.399	1.4305	6948.3	6809.1

[Sample Header]
Method=ICP6500Metals_TRY3(v621)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/14/2012 16:10:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0001	96.95	0.0002	0
Al3082	308.215	{1 In2306	ppm	0.0593	0.0044	7.432	0.0562	0.0624
As1890	189.042	{4 Y_2243	ppm	-0.0008	0.0006	74.47	-0.0012	-0.0004
B_2496	249.678	{1 Y_3710	ppm	0.0016	0.005	320.1	0.0051	-0.002
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0004	0.0001	34.37	-0.0003	-0.0005
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	6.629	-0.0001	-0.0001
Ca3158	315.887	{1 In2306	ppm	-0.0233	0.0032	13.87	-0.021	-0.0255
Ca3181	318.128	{1 In2306	ppm	0.0565	0.019	33.57	0.07	0.0431
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	21.96	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	0.0001	0.0001	70.32	0.0001	0.0002
Cr2677	267.716	{1 Y_3600	ppm	-0.0004	0.0002	43.37	-0.0005	-0.0002
Cu3247	324.754	{1 Y_3600	ppm	0.0002	0.0003	147.2	0.0005	0
Fe2404	240.488	{1 In2306	ppm	0.011	0.0008	7.237	0.0104	0.0115
K_7664	766.490	{ 4 Y_3710	ppm	0.0459	0.0078	17.02	0.0514	0.0404
K_7698	769.896	{ 4 Y_3710	ppm	-0.398	0.0361	9.071	-0.3724	-0.4235
Li6707	670.784	{ 5 Y_3710	ppm	0.0003	0.0002	46.94	0.0004	0.0002
Mg2790	279.079	{1 Y_3710	ppm	-0.0525	0.0065	12.44	-0.0479	-0.0571
Mn2576	257.610	{1 Y_3600	ppm	0	0.0001	216.3	-0.0001	0
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0013	0.0011	88.71	-0.0021	-0.0005
Mo2020	202.030	{4 Y_2243	ppm	0.0001	0.0002	261.8	0.0002	-0.0001
Na5895	589.592	{ 5 Y_3710	ppm	0.0161	0.0048	29.76	0.0127	0.0195
Na8183	818.326	{ 4 Y_3710	ppm	0.0528	0.0285	53.87	0.0327	0.073
Ni2316	231.604	{4 In2306	ppm	-0.0003	0.0001	20.1	-0.0004	-0.0003
P_1782	178.284	{4 In2306	ppm	-0.0007	0.0007	101.3	-0.0002	-0.0013
Pb2203	220.353	{4 In2306	ppm	0.0007	0.0012	171.3	0.0016	-0.0002
S_1820	182.034	{4 Y_2243	ppm	0.7777	0.1063	13.67	0.8528	0.7025
Sb2068	206.833	{4 Y_2243	ppm	-0.0019	0.0009	46.65	-0.0013	-0.0026
Se1960	196.090	{4 Y_2243	ppm	0.0011	0.0006	54.26	0.0015	0.0007
Si2516	251.611	{1 Y_3710	ppm	0.01	0.0029	29.27	0.012	0.0079
Sn1899	189.989	{4 In2306	ppm	-0.0002	0	18.91	-0.0003	-0.0002
Sr4215	421.552	{ 8 Y_3710	ppm	-0.0003	0.0002	59.32	-0.0002	-0.0004
Ti3349	334.904	{1 Y_3600	ppm	-0.0002	0.0001	80.82	-0.0001	-0.0003
Tl1908	190.856	{4 In2306	ppm	0.001	0.0004	34.82	0.0013	0.0008
V_2924	292.402	{1 Y_3600	ppm	-0.0004	0.0002	41.02	-0.0005	-0.0003
Zn2062	206.200	{4 In2306	ppm	-0.0003	0	0.899	-0.0003	-0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	43.261	0.14209	0.32845	43.161	43.362
In2306	230.606	{4 Cts/S	10490	177.22	1.6894	10615	10365
Y_2243	224.306	{4 Cts/S	12907	223.91	1.7348	13066	12749
Y_3600	360.073	{ 9 Cts/S	111310	860.76	0.77331	111920	110700
Y_3710	371.030	{ 9 Cts/S	6598.4	271.41	4.1133	6406.4	6790.3

[Sample Header]
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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:00:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0003	0.0006	241.3	0.0002	-0.0007
Al3082	308.215	{1	In2306	ppm	0.0248	0.0603	242.9	-0.0178	0.0674
As1890	189.042	{4	Y_2243	ppm	0.0004	0.0002	45.86	0.0003	0.0005
B_2496	249.678	{1	Y_3710	ppm	-0.0001	0.0024	1824	-0.0018	0.0016
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0003	0.0001	18.5	-0.0003	-0.0002
Be3130	313.042	{1	Y_3710	ppm	0.0002	0.0001	41.34	0.0003	0.0001
Ca3158	315.887	{1	In2306	ppm	-0.0184	0.0173	94.05	-0.0062	-0.0307
Ca3181	318.128	{1	In2306	ppm	-0.0073	0.048	658.3	0.0266	-0.0412
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0	41.79	-0.0001	-0.0001
Co2286	228.616	{4	In2306	ppm	0.0001	0	41.33	0.0001	0.0001
Cr2677	267.716	{1	Y_3600	ppm	-0.0003	0.0002	77.57	-0.0001	-0.0005
Cu3247	324.754	{1	Y_3600	ppm	-0.0005	0.0007	150	0	-0.001
Fe2404	240.488	{1	In2306	ppm	0.0092	0.0013	14.45	0.0102	0.0083
K_7664	766.490	{ 4	Y_3710	ppm	0.0114	0.0024	21.18	0.0097	0.0131
K_7698	769.896	{ 4	Y_3710	ppm	-0.3328	0.0371	11.14	-0.359	-0.3066
Li6707	670.784	{ 5	Y_3710	ppm	0.0002	0.0002	108.8	0	0.0003
Mg2790	279.079	{1	Y_3710	ppm	0.0297	0.0244	82.16	0.047	0.0125
Mn2576	257.610	{1	Y_3600	ppm	0	0.0001	150.7	0	-0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0017	0.0004	24.61	-0.0014	-0.002
Mo2020	202.030	{4	Y_2243	ppm	0.0001	0.0001	59.55	0.0001	0.0002
Na5895	589.592	{ 5	Y_3710	ppm	-0.0618	0.001	1.571	-0.0611	-0.0625
Na8183	818.326	{ 4	Y_3710	ppm	-0.0098	0.0444	452.4	-0.0412	0.0216
Ni2316	231.604	{4	In2306	ppm	-0.0002	0.0001	47.57	-0.0001	-0.0002
P_1782	178.284	{4	In2306	ppm	-0.0014	0.0004	28.79	-0.0011	-0.0017
Pb2203	220.353	{4	In2306	ppm	0.001	0.0008	85.61	0.0016	0.0004
S_1820	182.034	{4	Y_2243	ppm	0.0904	0.0879	97.24	0.1526	0.0282
Sb2068	206.833	{4	Y_2243	ppm	0.003	0.0004	13.21	0.0028	0.0033
Se1960	196.090	{4	Y_2243	ppm	-0.0005	0.0003	58	-0.0008	-0.0003
Si2516	251.611	{1	Y_3710	ppm	0.006	0.0305	505.7	-0.0156	0.0276
Sn1899	189.989	{4	In2306	ppm	-0.0002	0.0001	29.74	-0.0001	-0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	-0.0001	0.0001	163.5	-0.0001	0
Ti3349	334.904	{1	Y_3600	ppm	0.0002	0.0001	24.13	0.0002	0.0003
Tl1908	190.856	{4	In2306	ppm	-0.0015	0.0008	49.27	-0.001	-0.0021
V_2924	292.402	{1	Y_3600	ppm	-0.0001	0.0001	200.2	0	-0.0002
Zn2062	206.200	{4	In2306	ppm	-0.0008	0	0.9309	-0.0008	-0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	62.79	0.25795	0.41081	62.607	62.972
In2306	230.606	{4	Cts/S	10038	18.347	0.18277	10051	10025
Y_2243	224.306	{4	Cts/S	12269	24.654	0.20094	12286	12252
Y_3600	360.073	{ 9	Cts/S	47460	101.79	0.21446	47532	47388

Y_3710	371.030 {	¦	Cts/S	8638.3	39.515	0.45744	8610.4	8666.3

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:02:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0002	0.0007	284.8	0.0007	-0.0002
Al3082	308.215	{1	In2306	ppm	0.0746	0.0231	30.97	0.0582	0.0909
As1890	189.042	{4	Y_2243	ppm	0.0022	0.0009	40.37	0.0028	0.0016
B_2496	249.678	{1	Y_3710	ppm	-0.0038	0.0004	11.88	-0.0034	-0.0041
Ba4554	455.403	{ 7	Y_3710	ppm	0	0	78.97	0.0001	0
Be3130	313.042	{1	Y_3710	ppm	0.0002	0.0001	37.37	0.0002	0.0003
Ca3158	315.887	{1	In2306	ppm	0.0709	0.0013	1.791	0.07	0.0718
Ca3181	318.128	{1	In2306	ppm	0.1133	0.0101	8.93	0.1061	0.1204
Cd2288	228.802	{4	Y_2243	ppm	-0.0002	0	5.03	-0.0002	-0.0002
Co2286	228.616	{4	In2306	ppm	0.0002	0.0001	48.33	0.0001	0.0002
Cr2677	267.716	{1	Y_3600	ppm	-0.0002	0	8.849	-0.0002	-0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0008	0.0002	21.25	-0.0009	-0.0007
Fe2404	240.488	{1	In2306	ppm	0.0155	0.0021	13.77	0.0171	0.014
K_7664	766.490	{ 4	Y_3710	ppm	0.0211	0.0047	22.2	0.0244	0.0178
K_7698	769.896	{ 4	Y_3710	ppm	-0.3044	0.0333	10.95	-0.2808	-0.328
Li6707	670.784	{ 5	Y_3710	ppm	0.0003	0	7.206	0.0003	0.0003
Mg2790	279.079	{1	Y_3710	ppm	0.0479	0.0449	93.89	0.0797	0.0161
Mn2576	257.610	{1	Y_3600	ppm	0.0002	0.0001	29.97	0.0002	0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0005	0	0.7494	-0.0005	-0.0005
Mo2020	202.030	{4	Y_2243	ppm	-0.0002	0	18.61	-0.0003	-0.0002
Na5895	589.592	{ 5	Y_3710	ppm	-0.0513	0.0003	0.6485	-0.0515	-0.051
Na8183	818.326	{ 4	Y_3710	ppm	-0.0139	0.0404	289.7	-0.0425	0.0146
Ni2316	231.604	{4	In2306	ppm	0.0001	0	16.96	0.0001	0.0002
P_1782	178.284	{4	In2306	ppm	-0.0006	0.0003	51.16	-0.0008	-0.0004
Pb2203	220.353	{4	In2306	ppm	0.0011	0.0004	33.4	0.0008	0.0013
S_1820	182.034	{4	Y_2243	ppm	-0.0724	0.0069	9.55	-0.0675	-0.0773
Sb2068	206.833	{4	Y_2243	ppm	0.0012	0.0014	120.3	0.0002	0.0022
Se1960	196.090	{4	Y_2243	ppm	0.0009	0.0007	80.48	0.0014	0.0004
Si2516	251.611	{1	Y_3710	ppm	-0.0162	0.0055	34.09	-0.0201	-0.0123
Sn1899	189.989	{4	In2306	ppm	0.0001	0.0003	438.1	0.0003	-0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	0.0001	0	55.05	0.0001	0.0001
Ti3349	334.904	{1	Y_3600	ppm	-0.0003	0.0007	261.5	-0.0008	0.0002
Tl1908	190.856	{4	In2306	ppm	-0.0009	0.0015	169.3	-0.0019	0.0002
V_2924	292.402	{1	Y_3600	ppm	0.0006	0.0001	18.45	0.0005	0.0006
Zn2062	206.200	{4	In2306	ppm	0.0019	0.0001	5.869	0.002	0.0018

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	63.008	0.15112	0.23985	63.115	62.901
In2306	230.606	{4	Cts/S	10070	4.0575	0.04029	10073	10067
Y_2243	224.306	{4	Cts/S	12389	0.63845	0.00515	12388	12389
Y_3600	360.073	{ 9	Cts/S	47476	24.806	0.05225	47494	47459

Y_3710	371.030 { 9	Cts/S	8717.2	15.789	0.18113	8728.4	8706.1	

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:05:39
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0001	0.0002	251.2	-0.0001	0.0002
Al3082	308.215 {1	In2306	Cts/S	0.1816	0.0321	17.68	0.1589	0.2043
As1890	189.042 {4	Y_2243	Cts/S	0	0	222.4	0	0
B_2496	249.678 {1	Y_3710	Cts/S	0.0001	0.0003	444.3	-0.0002	0.0003
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0047	0.0009	18.38	0.0041	0.0053
Be3130	313.042 {1	Y_3710	Cts/S	0.0002	0.0001	33.48	0.0002	0.0003
Ca3158	315.887 {1	In2306	Cts/S	-0.0989	0.0088	8.931	-0.0927	-0.1052
Ca3181	318.128 {1	In2306	Cts/S	-0.0551	0.003	5.379	-0.053	-0.0572
Cd2288	228.802 {4	Y_2243	Cts/S	0.0005	0.0001	13	0.0006	0.0005
Co2286	228.616 {4	In2306	Cts/S	-0.0002	0	18.68	-0.0002	-0.0003
Cr2677	267.716 {1	Y_3600	Cts/S	0	0.0001	220.8	0.0001	0
Cu3247	324.754 {1	Y_3600	Cts/S	0.008	0.0001	1.215	0.0081	0.008
Fe2404	240.488 {1	In2306	Cts/S	0.0283	0.018	63.61	0.0156	0.041
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0021	0.001	48.08	-0.0028	-0.0014
K_7698	769.896 { 4	Y_3710	Cts/S	0.0353	0.0004	1.137	0.0356	0.035
Li6707	670.784 { 5	Y_3710	Cts/S	0.0007	0.0008	121.6	0.0001	0.0012
Mg2790	279.079 {1	Y_3710	Cts/S	0	0.0001	379.7	0	-0.0001
Mn2576	257.610 {1	Y_3600	Cts/S	0.0002	0.0001	29.72	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	Cts/S	0	0.0001	463	0	-0.0001
Mo2020	202.030 {4	Y_2243	Cts/S	0.0001	0	48.5	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	Cts/S	0.0167	0.0007	4.21	0.0172	0.0162
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0058	0.0004	7.566	-0.0055	-0.0061
Ni2316	231.604 {4	In2306	Cts/S	0	0.0001	5460	0.0001	-0.0001
P_1782	178.284 {4	In2306	Cts/S	0.0002	0	1.985	0.0002	0.0002
Pb2203	220.353 {4	In2306	Cts/S	-0.0001	0.0001	82.19	-0.0002	0
S_1820	182.034 {4	Y_2243	Cts/S	-0.0002	0	15.28	-0.0002	-0.0002
Sb2068	206.833 {4	Y_2243	Cts/S	-0.0001	0	15.93	-0.0001	-0.0001
Se1960	196.090 {4	Y_2243	Cts/S	0	0.0001	223.8	0.0001	0
Si2516	251.611 {1	Y_3710	Cts/S	0.0004	0	1.856	0.0004	0.0004
Sn1899	189.989 {4	In2306	Cts/S	0.0002	0	9.318	0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	Cts/S	0.0004	0.0003	84.53	0.0006	0.0001
Ti3349	334.904 {1	Y_3600	Cts/S	0	0.0001	143.6	0	-0.0001
Tl1908	190.856 {4	In2306	Cts/S	-0.0002	0.0001	40.65	-0.0001	-0.0002
V_2924	292.402 {1	Y_3600	Cts/S	-0.0017	0	1.584	-0.0017	-0.0017
Zn2062	206.200 {4	In2306	Cts/S	0.0013	0.0001	5.068	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.643	0.80812	1.311	61.071	62.214
In2306	230.606 {4	Cts/S	9998.6	29.104	0.29108	9978	10019
Y_2243	224.306 {4	Cts/S	12342	16.749	0.13571	12330	12353

Y_3600	360.073 { 9	Cts/S	46746	165.96	0.35502	46628	46863
Y_3710	371.030 { 9	Cts/S	8401.1	199.84	2.3787	8259.8	8542.4

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:08:17
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0094	0.0005	5.123	0.0097	0.0091
Al3082	308.215 {1	In2306	Cts/S	0.9363	0.0035	0.3751	0.9338	0.9387
As1890	189.042 {4	Y_2243	Cts/S	0.0066	0.0002	3.806	0.0067	0.0064
B_2496	249.678 {1	Y_3710	Cts/S	0.002	0	2.304	0.0021	0.002
Ba4554	455.403 { 7	Y_3710	Cts/S	0.4571	0.0022	0.4866	0.4555	0.4586
Be3130	313.042 {1	Y_3710	Cts/S	0.1327	0.0003	0.2496	0.133	0.1325
Ca3158	315.887 {1	In2306	Cts/S	1.857	0.022	1.182	1.841	1.872
Ca3181	318.128 {1	In2306	Cts/S	0.3702	0.0113	3.061	0.3783	0.3622
Cd2288	228.802 {4	Y_2243	Cts/S	0.0491	0.002	4.035	0.0505	0.0477
Co2286	228.616 {4	In2306	Cts/S	0.0777	0.0027	3.523	0.0797	0.0758
Cr2677	267.716 {1	Y_3600	Cts/S	0.0128	0.0006	4.447	0.0132	0.0124
Cu3247	324.754 {1	Y_3600	Cts/S	0.0399	0.0015	3.67	0.0409	0.0389
Fe2404	240.488 {1	In2306	Cts/S	1.314	0.023	1.747	1.331	1.298
K_7664	766.490 { 4	Y_3710	Cts/S	0.1684	0.0038	2.245	0.1657	0.1711
K_7698	769.896 { 4	Y_3710	Cts/S	0.0893	0.0003	0.3184	0.0891	0.0895
Li6707	670.784 { 5	Y_3710	Cts/S	0.6486	0.0103	1.582	0.6414	0.6559
Mg2790	279.079 {1	Y_3710	Cts/S	0.0034	0	0.1453	0.0034	0.0034
Mn2576	257.610 {1	Y_3600	Cts/S	0.0871	0.0042	4.862	0.0901	0.0841
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0141	0.0005	3.846	0.0145	0.0137
Mo2020	202.030 {4	Y_2243	Cts/S	0.0354	0.0015	4.271	0.0365	0.0343
Na5895	589.592 { 5	Y_3710	Cts/S	0.5367	0.0078	1.452	0.5312	0.5422
Na8183	818.326 { 4	Y_3710	Cts/S	0.0123	0.0003	2.712	0.0125	0.012
Ni2316	231.604 {4	In2306	Cts/S	0.0418	0.0017	4.008	0.043	0.0406
P_1782	178.284 {4	In2306	Cts/S	0.0059	0.0002	3.737	0.0061	0.0058
Pb2203	220.353 {4	In2306	Cts/S	0.0134	0.0006	4.177	0.0138	0.013
S_1820	182.034 {4	Y_2243	Cts/S	-0.0003	0	8.343	-0.0004	-0.0003
Sb2068	206.833 {4	Y_2243	Cts/S	0.0056	0.0002	4.002	0.0058	0.0055
Se1960	196.090 {4	Y_2243	Cts/S	0.0043	0.0001	2.901	0.0044	0.0042
Si2516	251.611 {1	Y_3710	Cts/S	0.0013	0.0001	9.199	0.0012	0.0013
Sn1899	189.989 {4	In2306	Cts/S	0.0194	0.0008	4.376	0.02	0.0188
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2636	0.0003	0.095	0.2634	0.2638
Ti3349	334.904 {1	Y_3600	Cts/S	0.0201	0.0009	4.363	0.0207	0.0194
Tl1908	190.856 {4	In2306	Cts/S	0.0061	0.0004	6.934	0.0064	0.0058
V_2924	292.402 {1	Y_3600	Cts/S	0.0173	0.0007	3.928	0.0178	0.0168
Zn2062	206.200 {4	In2306	Cts/S	0.0882	0.0037	4.218	0.0908	0.0855

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	65.805	0.61608	0.93623	66.241	65.369
In2306	230.606 {4	Cts/S	10076	99.74	0.98992	10005	10146

Y_2243	224.306 {4	Cts/S	12597	106.73	0.84728	12521	12672
Y_3600	360.073 { 9	Cts/S	47804	1872	3.916	46481	49128
Y_3710	371.030 { 9	Cts/S	8916.9	28.786	0.32282	8937.3	8896.6

[Sample Header]
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SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:10:48
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0189	0.0001	0.5773	0.019	0.0188
Al3082	308.215 {1	In2306	Cts/S	1.763	0.0485	2.751	1.729	1.797
As1890	189.042 {4	Y_2243	Cts/S	0.0138	0	0.0585	0.0138	0.0138
B_2496	249.678 {1	Y_3710	Cts/S	0.0043	0.0004	9.525	0.004	0.0046
Ba4554	455.403 { 7	Y_3710	Cts/S	0.919	0.0043	0.4722	0.9221	0.916
Be3130	313.042 {1	Y_3710	Cts/S	0.2676	0.0008	0.2887	0.2681	0.267
Ca3158	315.887 {1	In2306	Cts/S	3.861	0.1704	4.412	3.741	3.982
Ca3181	318.128 {1	In2306	Cts/S	0.865	0.0182	2.11	0.8779	0.8521
Cd2288	228.802 {4	Y_2243	Cts/S	0.1013	0.0003	0.2681	0.1012	0.1015
Co2286	228.616 {4	In2306	Cts/S	0.162	0.0001	0.0636	0.1621	0.1619
Cr2677	267.716 {1	Y_3600	Cts/S	0.0254	0	0.0318	0.0254	0.0254
Cu3247	324.754 {1	Y_3600	Cts/S	0.0721	0.0003	0.4673	0.0719	0.0723
Fe2404	240.488 {1	In2306	Cts/S	2.657	0.0744	2.8	2.604	2.709
K_7664	766.490 { 4	Y_3710	Cts/S	0.3502	0.0137	3.905	0.3599	0.3405
K_7698	769.896 { 4	Y_3710	Cts/S	0.165	0.0048	2.933	0.1684	0.1615
Li6707	670.784 { 5	Y_3710	Cts/S	1.37	0.0621	4.532	1.414	1.327
Mg2790	279.079 {1	Y_3710	Cts/S	0.0069	0.0001	1.79	0.007	0.0068
Mn2576	257.610 {1	Y_3600	Cts/S	0.1744	0.001	0.5512	0.1751	0.1737
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0286	0	0.1663	0.0286	0.0287
Mo2020	202.030 {4	Y_2243	Cts/S	0.0734	0.0001	0.1157	0.0735	0.0733
Na5895	589.592 { 5	Y_3710	Cts/S	1.101	0.0473	4.296	1.135	1.068
Na8183	818.326 { 4	Y_3710	Cts/S	0.0332	0.0003	1.049	0.033	0.0335
Ni2316	231.604 {4	In2306	Cts/S	0.087	0.0005	0.6218	0.0873	0.0866
P_1782	178.284 {4	In2306	Cts/S	0.0123	0.0001	0.4169	0.0123	0.0122
Pb2203	220.353 {4	In2306	Cts/S	0.0278	0	0.1306	0.0278	0.0278
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	2.749	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0118	0.0001	0.9908	0.0117	0.0119
Se1960	196.090 {4	Y_2243	Cts/S	0.0089	0	0.2797	0.0089	0.0089
Si2516	251.611 {1	Y_3710	Cts/S	0.0021	0.0001	4.599	0.0022	0.0021
Sn1899	189.989 {4	In2306	Cts/S	0.041	0.0001	0.2194	0.041	0.0409
Sr4215	421.552 { 8	Y_3710	Cts/S	0.5334	0.0022	0.411	0.5349	0.5318
Ti3349	334.904 {1	Y_3600	Cts/S	0.0401	0.0003	0.6373	0.0403	0.0399
Tl1908	190.856 {4	In2306	Cts/S	0.0136	0.0002	1.208	0.0137	0.0135
V_2924	292.402 {1	Y_3600	Cts/S	0.0359	0.0001	0.1419	0.036	0.0359
Zn2062	206.200 {4	In2306	Cts/S	0.1832	0.001	0.5188	0.1839	0.1825

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.865	0.88185	1.4028	63.489	62.242

In2306	230.606 {4	Cts/S	9819.9	16.796	0.17104	9831.7	9808
Y_2243	224.306 {4	Cts/S	12399	39.057	0.31499	12427	12372
Y_3600	360.073 { 9	Cts/S	47836	67.503	0.14111	47788	47884
Y_3710	371.030 { 9	Cts/S	8774.6	53.921	0.61451	8736.5	8812.7

[Sample Header]
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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:13:17
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0381	0	0.1252	0.038	0.0381
Al3082	308.215 {1	In2306	Cts/S	3.258	0.1153	3.539	3.177	3.34
As1890	189.042 {4	Y_2243	Cts/S	0.0277	0.0002	0.731	0.0278	0.0275
B_2496	249.678 {1	Y_3710	Cts/S	0.0086	0	0.1286	0.0086	0.0086
Ba4554	455.403 { 7	Y_3710	Cts/S	1.833	0.0007	0.0408	1.832	1.833
Be3130	313.042 {1	Y_3710	Cts/S	0.5439	0.0008	0.1401	0.5444	0.5434
Ca3158	315.887 {1	In2306	Cts/S	7.742	0.1392	1.798	7.644	7.841
Ca3181	318.128 {1	In2306	Cts/S	1.707	0.0012	0.0714	1.706	1.707
Cd2288	228.802 {4	Y_2243	Cts/S	0.2023	0.0004	0.1853	0.2021	0.2026
Co2286	228.616 {4	In2306	Cts/S	0.3262	0.0001	0.0171	0.3262	0.3261
Cr2677	267.716 {1	Y_3600	Cts/S	0.0512	0	0.0595	0.0512	0.0513
Cu3247	324.754 {1	Y_3600	Cts/S	0.138	0.0001	0.0852	0.1379	0.1381
Fe2404	240.488 {1	In2306	Cts/S	5.161	0.1179	2.285	5.078	5.244
K_7664	766.490 { 4	Y_3710	Cts/S	0.7036	0.0124	1.766	0.6948	0.7124
K_7698	769.896 { 4	Y_3710	Cts/S	0.3109	0.0056	1.808	0.3069	0.3149
Li6707	670.784 { 5	Y_3710	Cts/S	2.731	0.0603	2.207	2.689	2.774
Mg2790	279.079 {1	Y_3710	Cts/S	0.0134	0	0.0025	0.0134	0.0134
Mn2576	257.610 {1	Y_3600	Cts/S	0.3455	0.0015	0.4294	0.3466	0.3445
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0573	0.0002	0.385	0.0575	0.0572
Mo2020	202.030 {4	Y_2243	Cts/S	0.1457	0.0001	0.0897	0.1458	0.1456
Na5895	589.592 { 5	Y_3710	Cts/S	2.181	0.0439	2.012	2.15	2.212
Na8183	818.326 { 4	Y_3710	Cts/S	0.068	0.0001	0.1702	0.0679	0.0681
Ni2316	231.604 {4	In2306	Cts/S	0.1746	0.0003	0.1501	0.1748	0.1744
P_1782	178.284 {4	In2306	Cts/S	0.025	0.0001	0.2948	0.0251	0.025
Pb2203	220.353 {4	In2306	Cts/S	0.0558	0.0002	0.3532	0.0559	0.0557
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	2.98	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0239	0.0001	0.3856	0.0238	0.0239
Se1960	196.090 {4	Y_2243	Cts/S	0.0179	0	0.2048	0.0178	0.0179
Si2516	251.611 {1	Y_3710	Cts/S	0.0043	0.0001	3.461	0.0041	0.0044
Sn1899	189.989 {4	In2306	Cts/S	0.0822	0	0.0265	0.0822	0.0822
Sr4215	421.552 { 8	Y_3710	Cts/S	1.07	0.0039	0.3617	1.067	1.072
Ti3349	334.904 {1	Y_3600	Cts/S	0.081	0	0.0262	0.0811	0.081
Tl1908	190.856 {4	In2306	Cts/S	0.0278	0.0003	1.139	0.0281	0.0276
V_2924	292.402 {1	Y_3600	Cts/S	0.0749	0.0002	0.2037	0.075	0.0747
Zn2062	206.200 {4	In2306	Cts/S	0.3705	0.0016	0.4449	0.3717	0.3693

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	64.249	1.5521	2.4158	65.346	63.151
In2306	230.606 {4	Cts/S	9647	41.93	0.43465	9676.6	9617.3
Y_2243	224.306 {4	Cts/S	12399	66.561	0.53683	12446	12352
Y_3600	360.073 { 9	Cts/S	48009	47.588	0.09912	47975	48043
Y_3710	371.030 { 9	Cts/S	8669.3	11.126	0.12834	8677.2	8661.5

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:15:44
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0768	0	0.0496	0.0768	0.0767
Al3082	308.215 {1	In2306	Cts/S	6.584	0.0489	0.743	6.549	6.619
As1890	189.042 {4	Y_2243	Cts/S	0.0556	0.0001	0.1246	0.0555	0.0556
B_2496	249.678 {1	Y_3710	Cts/S	0.017	0.0002	1.058	0.0169	0.0171
Ba4554	455.403 { 7	Y_3710	Cts/S	3.723	0.0104	0.2798	3.716	3.73
Be3130	313.042 {1	Y_3710	Cts/S	1.095	0.0009	0.0835	1.094	1.095
Ca3158	315.887 {1	In2306	Cts/S	16.33	0.0324	0.1985	16.3	16.35
Ca3181	318.128 {1	In2306	Cts/S	3.611	0.0023	0.063	3.613	3.61
Cd2288	228.802 {4	Y_2243	Cts/S	0.4025	0.0004	0.0976	0.4027	0.4022
Co2286	228.616 {4	In2306	Cts/S	0.6606	0.0018	0.2794	0.6619	0.6593
Cr2677	267.716 {1	Y_3600	Cts/S	0.1032	0.0001	0.0667	0.1033	0.1032
Cu3247	324.754 {1	Y_3600	Cts/S	0.2741	0.0004	0.148	0.2744	0.2739
Fe2404	240.488 {1	In2306	Cts/S	10.62	0.0186	0.1754	10.61	10.64
K_7664	766.490 { 4	Y_3710	Cts/S	1.423	0.0232	1.632	1.407	1.44
K_7698	769.896 { 4	Y_3710	Cts/S	0.6084	0.0071	1.166	0.6034	0.6134
Li6707	670.784 { 5	Y_3710	Cts/S	5.573	0.0913	1.638	5.509	5.638
Mg2790	279.079 {1	Y_3710	Cts/S	0.0277	0.0002	0.6589	0.0276	0.0278
Mn2576	257.610 {1	Y_3600	Cts/S	0.6947	0.0016	0.2298	0.6958	0.6936
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1146	0.0003	0.2541	0.1144	0.1149
Mo2020	202.030 {4	Y_2243	Cts/S	0.2873	0.0002	0.0763	0.2875	0.2872
Na5895	589.592 { 5	Y_3710	Cts/S	4.396	0.0597	1.358	4.354	4.439
Na8183	818.326 { 4	Y_3710	Cts/S	0.1477	0.0001	0.0545	0.1477	0.1478
Ni2316	231.604 {4	In2306	Cts/S	0.3522	0.0005	0.1323	0.3525	0.3518
P_1782	178.284 {4	In2306	Cts/S	0.0513	0.0002	0.3592	0.0511	0.0514
Pb2203	220.353 {4	In2306	Cts/S	0.113	0.0001	0.1031	0.1131	0.1129
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	5.119	-0.0004	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0479	0.0001	0.1476	0.0479	0.0478
Se1960	196.090 {4	Y_2243	Cts/S	0.0357	0.0001	0.23	0.0358	0.0357
Si2516	251.611 {1	Y_3710	Cts/S	0.0086	0.0003	3.55	0.0084	0.0089
Sn1899	189.989 {4	In2306	Cts/S	0.1674	0.0007	0.4036	0.1679	0.167
Sr4215	421.552 { 8	Y_3710	Cts/S	2.151	0.007	0.3276	2.146	2.156
Ti3349	334.904 {1	Y_3600	Cts/S	0.1648	0.0002	0.1492	0.165	0.1646
Tl1908	190.856 {4	In2306	Cts/S	0.0564	0.0005	0.9717	0.0568	0.056
V_2924	292.402 {1	Y_3600	Cts/S	0.1532	0.0006	0.3721	0.1528	0.1536
Zn2062	206.200 {4	In2306	Cts/S	0.755	0.0034	0.4495	0.7574	0.7526

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.511	0.42824	0.69621	61.813	61.208
In2306	230.606 {4	Cts/S	9401.5	1.7123	0.01821	9400.2	9402.7
Y_2243	224.306 {4	Cts/S	12386	32.591	0.26314	12409	12363
Y_3600	360.073 { 9	Cts/S	47863	184.56	0.38561	47732	47993
Y_3710	371.030 { 9	Cts/S	8608.4	17.315	0.20115	8620.7	8596.2

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:18:07
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1543	0.0005	0.3306	0.1547	0.154
Al3082	308.215 {1	In2306	Cts/S	12.6	0.4178	3.317	12.3	12.89
As1890	189.042 {4	Y_2243	Cts/S	0.1119	0.0001	0.0596	0.1119	0.1118
B_2496	249.678 {1	Y_3710	Cts/S	0.0344	0.0002	0.4817	0.0342	0.0345
Ba4554	455.403 { 7	Y_3710	Cts/S	7.452	0.0159	0.213	7.441	7.463
Be3130	313.042 {1	Y_3710	Cts/S	2.181	0.0025	0.1156	2.183	2.179
Ca3158	315.887 {1	In2306	Cts/S	31.57	0.8041	2.547	31	32.14
Ca3181	318.128 {1	In2306	Cts/S	6.913	0.1688	2.442	6.793	7.032
Cd2288	228.802 {4	Y_2243	Cts/S	0.8044	0.0006	0.0737	0.8048	0.804
Co2286	228.616 {4	In2306	Cts/S	1.327	0.0022	0.1682	1.328	1.325
Cr2677	267.716 {1	Y_3600	Cts/S	0.2024	0.0007	0.325	0.2029	0.202
Cu3247	324.754 {1	Y_3600	Cts/S	0.5489	0.001	0.1876	0.5497	0.5482
Fe2404	240.488 {1	In2306	Cts/S	20.57	0.5876	2.857	20.16	20.99
K_7664	766.490 { 4	Y_3710	Cts/S	2.766	0.0051	0.1829	2.762	2.769
K_7698	769.896 { 4	Y_3710	Cts/S	1.176	0.0033	0.2772	1.174	1.178
Li6707	670.784 { 5	Y_3710	Cts/S	10.95	0.0359	0.3274	10.93	10.98
Mg2790	279.079 {1	Y_3710	Cts/S	0.0554	0.0004	0.7293	0.0557	0.0551
Mn2576	257.610 {1	Y_3600	Cts/S	1.369	0.0029	0.2115	1.371	1.366
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2286	0.0011	0.4967	0.2294	0.2278
Mo2020	202.030 {4	Y_2243	Cts/S	0.5686	0.0009	0.1516	0.5692	0.568
Na5895	589.592 { 5	Y_3710	Cts/S	8.571	0.0262	0.3062	8.552	8.589
Na8183	818.326 { 4	Y_3710	Cts/S	0.295	0.0017	0.5855	0.2938	0.2962
Ni2316	231.604 {4	In2306	Cts/S	0.7058	0.0013	0.1779	0.7067	0.7049
P_1782	178.284 {4	In2306	Cts/S	0.1053	0.0001	0.1315	0.1054	0.1052
Pb2203	220.353 {4	In2306	Cts/S	0.2251	0.0005	0.2251	0.2255	0.2247
Sb2068	206.833 {4	Y_2243	Cts/S	0.0965	0	0.0493	0.0965	0.0965
Se1960	196.090 {4	Y_2243	Cts/S	0.072	0	0.0574	0.072	0.0719
Si2516	251.611 {1	Y_3710	Cts/S	0.0176	0.0004	2.099	0.0173	0.0179
Sn1899	189.989 {4	In2306	Cts/S	0.3356	0.0005	0.1582	0.3359	0.3352
Sr4215	421.552 { 8	Y_3710	Cts/S	4.287	0	0.0011	4.287	4.287
Ti3349	334.904 {1	Y_3600	Cts/S	0.3267	0.0011	0.3444	0.3275	0.3259
Tl1908	190.856 {4	In2306	Cts/S	0.1121	0.0011	0.9862	0.1129	0.1114
V_2924	292.402 {1	Y_3600	Cts/S	0.3044	0.0005	0.1712	0.3047	0.304
Zn2062	206.200 {4	In2306	Cts/S	1.517	0.0047	0.3095	1.521	1.514

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.26	2.0948	3.3113	64.741	61.779
In2306	230.606 {4	Cts/S	9016.8	2.2153	0.02457	9018.3	9015.2
Y_2243	224.306 {4	Cts/S	12125	9.7085	0.08007	12132	12118
Y_3600	360.073 { 9	Cts/S	48185	90.6	0.18802	48121	48249
Y_3710	371.030 { 9	Cts/S	8555.8	4.1696	0.04873	8552.8	8558.7

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2408	0.0004	0.1665	0.2411	0.2405
Al3082	308.215 {1	In2306	ppm	2.414	0.0597	2.475	2.372	2.456
As1890	189.042 {4	Y_2243	ppm	0.4856	0.0015	0.3135	0.4867	0.4846
B_2496	249.678 {1	Y_3710	ppm	0.5015	0.0026	0.5279	0.4997	0.5034
Ba4554	455.403 { 7	Y_3710	ppm	0.4815	0.0025	0.5278	0.4797	0.4833
Be3130	313.042 {1	Y_3710	ppm	0.4936	0.0006	0.1287	0.4932	0.4941
Ca3158	315.887 {1	In2306	ppm	12.03	0.0397	0.3301	12.06	12
Ca3181	318.128 {1	In2306	ppm	12.02	0.0089	0.0741	12.01	12.03
Cd2288	228.802 {4	Y_2243	ppm	0.4883	0.0003	0.065	0.4881	0.4885
Co2286	228.616 {4	In2306	ppm	0.4914	0.0005	0.1011	0.4911	0.4918
Cr2677	267.716 {1	Y_3600	ppm	0.483	0.0021	0.4327	0.4845	0.4815
Cu3247	324.754 {1	Y_3600	ppm	0.4828	0.0012	0.2563	0.4836	0.4819
Fe2404	240.488 {1	In2306	ppm	2.432	0.0407	1.671	2.403	2.461
K_7664	766.490 { 4	Y_3710	ppm	12.54	0.503	4.01	12.19	12.9
K_7698	769.896 { 4	Y_3710	ppm	12.67	0.5447	4.3	12.28	13.05
Li6707	670.784 { 5	Y_3710	ppm	0.5003	0.022	4.4	0.4847	0.5158
Mg2790	279.079 {1	Y_3710	ppm	4.823	0.0306	0.6334	4.845	4.802
Mn2576	257.610 {1	Y_3600	ppm	0.4801	0.0006	0.1342	0.4805	0.4796
Mn2576-2	257.610 {1	Y_3710	ppm	0.4785	0.0039	0.8155	0.4812	0.4757
Mo2020	202.030 {4	Y_2243	ppm	0.4991	0.0004	0.0754	0.4989	0.4994
Na5895	589.592 { 5	Y_3710	ppm	12.53	0.5603	4.472	12.13	12.93
Na8183	818.326 { 4	Y_3710	ppm	12.27	0.2991	2.438	12.06	12.48
Ni2316	231.604 {4	In2306	ppm	0.4834	0.0005	0.1053	0.4831	0.4838
P_1782	178.284 {4	In2306	ppm	0.0007	0.0005	66.18	0.0004	0.0011
Pb2203	220.353 {4	In2306	ppm	0.4843	0.0012	0.2502	0.4851	0.4834
S_1820	182.034 {4	Y_2243	ppm	-42.91	0.2039	0.4753	-43.05	-42.76
Sb2068	206.833 {4	Y_2243	ppm	0.491	0.0023	0.4593	0.4894	0.4926
Se1960	196.090 {4	Y_2243	ppm	0.4902	0.0017	0.3397	0.4914	0.489
Si2516	251.611 {1	Y_3710	ppm	0.8283	0.0267	3.22	0.8094	0.8471
Sn1899	189.989 {4	In2306	ppm	0.5006	0.0013	0.2664	0.4997	0.5016
Sr4215	421.552 { 8	Y_3710	ppm	0.2471	0.0014	0.5603	0.2461	0.2481
Ti3349	334.904 {1	Y_3600	ppm	0.4926	0.0017	0.3418	0.4937	0.4914
Tl1908	190.856 {4	In2306	ppm	0.4993	0.0032	0.6356	0.5016	0.4971
V_2924	292.402 {1	Y_3600	ppm	0.4906	0.0011	0.2333	0.4914	0.4898
Zn2062	206.200 {4	In2306	ppm	0.486	0.0006	0.1287	0.4865	0.4856

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.418	1.0969	1.7296	64.194	62.643
In2306	230.606 {4	Cts/S	9469.9	31.567	0.33334	9492.2	9447.6
Y_2243	224.306 {4	Cts/S	12347	36.971	0.29944	12373	12321
Y_3600	360.073 { 9	Cts/S	48295	325.65	0.6743	48065	48525
Y_3710	371.030 { 9	Cts/S	8641.8	51.746	0.59879	8678.4	8605.2

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0054	0.0009	16.17	0.0048	0.006
Al3082	308.215 {1	In2306	ppm	0.0336	0.0028	8.453	0.0356	0.0316
As1890	189.042 {4	Y_2243	ppm	0.0086	0.001	11.03	0.008	0.0093
B_2496	249.678 {1	Y_3710	ppm	0.02	0.0071	35.55	0.0251	0.015
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0003	3.127	0.01	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.1048	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0856	0.0016	1.896	0.0867	0.0844
Ca3181	318.128 {1	In2306	ppm	0.1628	0.0232	14.27	0.1464	0.1792
Cd2288	228.802 {4	Y_2243	ppm	0.0052	0.0006	11.28	0.0048	0.0057
Co2286	228.616 {4	In2306	ppm	0.0101	0.0007	7.23	0.0096	0.0107
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0002	2.33	0.0096	0.0099
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0001	1.05	0.0085	0.0086
Fe2404	240.488 {1	In2306	ppm	0.0879	0.0186	21.2	0.1011	0.0747
K_7664	766.490 { 4	Y_3710	ppm	0.611	0.0201	3.283	0.6252	0.5968
K_7698	769.896 { 4	Y_3710	ppm	0.3493	0.0019	0.5336	0.3507	0.348
Li6707	670.784 { 5	Y_3710	ppm	0.01	0.0002	1.6	0.0101	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.1402	0.0241	17.15	0.1572	0.1232
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0	0.1548	0.0101	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0105	0.0002	2.215	0.0103	0.0107
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.001	8.556	0.011	0.0124
Na5895	589.592 { 5	Y_3710	ppm	0.6328	0.0004	0.0564	0.6331	0.6326
Na8183	818.326 { 4	Y_3710	ppm	0.8201	0.0282	3.433	0.8002	0.84
Ni2316	231.604 {4	In2306	ppm	0.01	0.0002	1.701	0.0099	0.0101
P_1782	178.284 {4	In2306	ppm	0.0096	0.0005	5.079	0.0093	0.0099
Pb2203	220.353 {4	In2306	ppm	0.0096	0.0004	3.832	0.0093	0.0099
S_1820	182.034 {4	Y_2243	ppm	0.4397	0.0764	17.37	0.3857	0.4937
Sb2068	206.833 {4	Y_2243	ppm	0.019	0	0.0528	0.019	0.019
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0007	7.628	0.0091	0.0102
Si2516	251.611 {1	Y_3710	ppm	-0.0204	0.0112	54.94	-0.0125	-0.0283
Sn1899	189.989 {4	In2306	ppm	0.0099	0.0005	5.301	0.0095	0.0102
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.4509	0.0049	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0	0.2011	0.0109	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0144	0.0017	11.84	0.0132	0.0156
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0001	0.7426	0.0096	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0087	0.0006	6.579	0.0083	0.0091

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.729	0.31747	0.49046	64.505	64.954
In2306	230.606 {4	Cts/S	10077	9.4564	0.09385	10070	10083
Y_2243	224.306 {4	Cts/S	12589	28.166	0.22375	12569	12608
Y_3600	360.073 { 9	Cts/S	47074	224.04	0.47592	47233	46916
Y_3710	371.030 { 9	Cts/S	8761.7	13.12	0.14974	8752.4	8771

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0007	128.5	0.001	0
Al3082	308.215 {1	In2306	ppm	-0.0275	0.0503	183.1	0.0081	-0.0631
As1890	189.042 {4	Y_2243	ppm	0.0006	0	5.262	0.0006	0.0006
B_2496	249.678 {1	Y_3710	ppm	-0.0126	0.0002	1.794	-0.0128	-0.0124
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	33370	-0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	17.49	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0148	0.0126	84.98	-0.0059	-0.0237
Ca3181	318.128 {1	In2306	ppm	0.1315	0.1071	81.45	0.0558	0.2072
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	6751	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	9.98	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0005	87.26	-0.0002	-0.0008
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0	3.607	-0.0014	-0.0013
Fe2404	240.488 {1	In2306	ppm	-0.0104	0.0102	98.1	-0.0176	-0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.004	0.0054	136.7	0.0001	0.0078
K_7698	769.896 { 4	Y_3710	ppm	0.0039	0.0131	339.7	-0.0054	0.0131
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0002	48.84	0.0004	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0189	0.066	349	0.0656	-0.0278
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	18.8	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0005	67.91	0.001	0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0001	14.92	0.0004	0.0005
Na5895	589.592 { 5	Y_3710	ppm	-0.0004	0.0056	1330	0.0036	-0.0044
Na8183	818.326 { 4	Y_3710	ppm	0.1429	0.0275	19.27	0.1234	0.1623
Ni2316	231.604 {4	In2306	ppm	0.0003	0	1.637	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0003	45.81	-0.0009	-0.0004
Pb2203	220.353 {4	In2306	ppm	0.0001	0	40.74	0.0001	0.0001
S_1820	182.034 {4	Y_2243	ppm	0.1259	0.0048	3.852	0.1293	0.1225
Sb2068	206.833 {4	Y_2243	ppm	0.0062	0.0001	1.435	0.0062	0.0061
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0011	148.4	0.0016	0
Si2516	251.611 {1	Y_3710	ppm	-0.0213	0.0178	83.41	-0.0339	-0.0087
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0004	590.9	-0.0004	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0	97.84	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	276.7	-0.0004	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0005	0	7.64	0.0005	0.0005
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0003	56.61	-0.0008	-0.0003

Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	101.8	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.605	2.4398	3.7765	66.33	62.879
In2306	230.606 {4	Cts/S	10060	8.8197	0.08767	10054	10066
Y_2243	224.306 {4	Cts/S	12539	21.434	0.17094	12523	12554
Y_3600	360.073 { 9	Cts/S	46334	16.882	0.03644	46323	46346
Y_3710	371.030 { 9	Cts/S	8545	39.434	0.46149	8517.1	8572.8

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0009	219.4	0.0002	-0.001
Al3082	308.215 {1	In2306	ppm	532.7	27.83	5.224	552.4	513
As1890	189.042 {4	Y_2243	ppm	0.0042	0.0013	31.94	0.0051	0.0032
B_2496	249.678 {1	Y_3710	ppm	-0.0061	0.0103	168.4	-0.0134	0.0012
Ba4554	455.403 { 7	Y_3710	ppm	0.0006	0	5.543	0.0006	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	155.5	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	517.2	23.4	4.523	533.8	500.7
Ca3181	318.128 {1	In2306	ppm	522.7	23.88	4.568	539.6	505.8
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	37.28	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	34.33	0.0006	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0022	0.0002	9.81	0.0024	0.0021
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0002	10.36	0.0026	0.0022
Fe2404	240.488 {1	In2306	ppm	202.2	9.31	4.603	208.8	195.7
K_7664	766.490 { 4	Y_3710	ppm	0.0188	0.0004	2.336	0.0185	0.0191
K_7698	769.896 { 4	Y_3710	ppm	-0.2856	0.0219	7.658	-0.2701	-0.3011
Li6707	670.784 { 5	Y_3710	ppm	0.0072	0	0.4285	0.0072	0.0072
Mg2790	279.079 {1	Y_3710	ppm	586.1	1.649	0.2813	585	587.3
Mn2576	257.610 {1	Y_3600	ppm	-0.0053	0.0003	5.976	-0.0051	-0.0056
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0051	0	0.7956	-0.0051	-0.0051
Mo2020	202.030 {4	Y_2243	ppm	-0.0009	0.0002	23.93	-0.0011	-0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.0078	0.0001	0.6934	0.0078	0.0078
Na8183	818.326 { 4	Y_3710	ppm	0.9267	0.0561	6.058	0.9664	0.887
Ni2316	231.604 {4	In2306	ppm	0.0055	0.0003	4.575	0.0057	0.0054
P_1782	178.284 {4	In2306	ppm	0.003	0.0005	16.6	0.0034	0.0027
Pb2203	220.353 {4	In2306	ppm	-0.0141	0.0012	8.4	-0.0149	-0.0132
S_1820	182.034 {4	Y_2243	ppm	8.068	0.2631	3.261	8.254	7.882
Sb2068	206.833 {4	Y_2243	ppm	-0.0082	0.0001	1.207	-0.0083	-0.0081
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0007	34.43	0.0016	0.0027
Si2516	251.611 {1	Y_3710	ppm	-0.0228	0.0098	42.85	-0.0159	-0.0298
Sn1899	189.989 {4	In2306	ppm	0.001	0.0019	186.3	0.0023	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0022	0	1.558	0.0022	0.0021
Ti3349	334.904 {1	Y_3600	ppm	0.0033	0.0011	33.4	0.0041	0.0025
Tl1908	190.856 {4	In2306	ppm	-0.0085	0.0027	31.26	-0.0066	-0.0104

V_2924	292.402 {1	Y_3600	ppm	-0.0056	0	0.815	-0.0057	-0.0056
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0001	2.788	0.0031	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.045	2.8093	4.8398	56.058	60.031
In2306	230.606 {4	Cts/S	7206	19.693	0.27328	7219.9	7192.1
Y_2243	224.306 {4	Cts/S	10959	36.549	0.33349	10985	10934
Y_3600	360.073 { 9	Cts/S	46756	43.483	0.093	46726	46787
Y_3710	371.030 { 9	Cts/S	7500.8	1.588	0.02117	7499.7	7501.9

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Username=admin
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Custom ID3=
Run Time=1/25/2012 8:30:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5553	0.0028	0.498	0.5534	0.5573
Al3082	308.215 {1	In2306	ppm	564.5	13.17	2.334	573.8	555.2
As1890	189.042 {4	Y_2243	ppm	0.9922	0.0045	0.4511	0.9954	0.9891
B_2496	249.678 {1	Y_3710	ppm	1.137	0.0112	0.9824	1.145	1.129
Ba4554	455.403 { 7	Y_3710	ppm	1.102	0.0079	0.7184	1.108	1.096
Be3130	313.042 {1	Y_3710	ppm	0.5382	0.0019	0.3511	0.5395	0.5369
Ca3158	315.887 {1	In2306	ppm	536.5	3.535	0.6588	539	534
Ca3181	318.128 {1	In2306	ppm	543.3	2.739	0.5042	545.2	541.3
Cd2288	228.802 {4	Y_2243	ppm	0.5127	0.0008	0.1566	0.5132	0.5121
Co2286	228.616 {4	In2306	ppm	0.9918	0.003	0.3037	0.9939	0.9897
Cr2677	267.716 {1	Y_3600	ppm	0.9712	0.0055	0.5619	0.9673	0.975
Cu3247	324.754 {1	Y_3600	ppm	1.188	0.0067	0.5612	1.193	1.184
Fe2404	240.488 {1	In2306	ppm	215.5	2.137	0.9916	217	214
K_7664	766.490 { 4	Y_3710	ppm	11.4	0.4206	3.691	11.69	11.1
K_7698	769.896 { 4	Y_3710	ppm	11.48	0.4159	3.623	11.77	11.19
Li6707	670.784 { 5	Y_3710	ppm	1.117	0.0479	4.283	1.151	1.084
Mg2790	279.079 {1	Y_3710	ppm	601.4	1.426	0.2371	602.4	600.4
Mn2576	257.610 {1	Y_3600	ppm	0.9679	0.0023	0.2377	0.9663	0.9695
Mn2576-2	257.610 {1	Y_3710	ppm	1.064	0	0.0038	1.064	1.064
Mo2020	202.030 {4	Y_2243	ppm	0.8985	0.0059	0.6522	0.9026	0.8944
Na5895	589.592 { 5	Y_3710	ppm	11.07	0.4132	3.731	11.37	10.78
Na8183	818.326 { 4	Y_3710	ppm	12.31	0.1946	1.581	12.45	12.17
Ni2316	231.604 {4	In2306	ppm	0.9739	0.0044	0.4513	0.977	0.9708
P_1782	178.284 {4	In2306	ppm	1.135	0.0035	0.3111	1.138	1.133
Pb2203	220.353 {4	In2306	ppm	0.939	0.0035	0.3772	0.9415	0.9365
S_1820	182.034 {4	Y_2243	ppm	8.506	0.1149	1.35	8.587	8.425
Sb2068	206.833 {4	Y_2243	ppm	0.9621	0.0064	0.6673	0.9667	0.9576
Se1960	196.090 {4	Y_2243	ppm	0.9837	0.0068	0.6918	0.9885	0.9789
Si2516	251.611 {1	Y_3710	ppm	1.006	0.0062	0.6125	1.001	1.01
Sn1899	189.989 {4	In2306	ppm	0.9902	0.0014	0.1453	0.9912	0.9892
Sr4215	421.552 { 8	Y_3710	ppm	0.5468	0.0048	0.8835	0.5502	0.5433
Ti3349	334.904 {1	Y_3600	ppm	1.022	0.0031	0.3044	1.02	1.024

Tl1908	190.856 {4	In2306	ppm	0.9213	0.0089	0.9652	0.9276	0.9151
V_2924	292.402 {1	Y_3600	ppm	1.002	0.0037	0.3665	0.9997	1.005
Zn2062	206.200 {4	In2306	ppm	1.007	0.0039	0.3908	1.01	1.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.157	1.0566	1.9157	54.41	55.904
In2306	230.606 {4	Cts/S	7085.3	1.6002	0.02259	7086.4	7084.2
Y_2243	224.306 {4	Cts/S	10862	2.0216	0.01861	10863	10860
Y_3600	360.073 { 9	Cts/S	46303	28.617	0.06181	46323	46283
Y_3710	371.030 { 9	Cts/S	7239.8	64.615	0.89249	7194.1	7285.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2409	0.0013	0.5364	0.2418	0.24
Al3082	308.215 {1	In2306	ppm	2.392	0.0088	0.3669	2.386	2.399
As1890	189.042 {4	Y_2243	ppm	0.4839	0.0011	0.2318	0.4831	0.4847
B_2496	249.678 {1	Y_3710	ppm	0.481	0.005	1.046	0.4845	0.4774
Ba4554	455.403 { 7	Y_3710	ppm	0.4815	0.0004	0.0734	0.4818	0.4813
Be3130	313.042 {1	Y_3710	ppm	0.4944	0.0007	0.1425	0.4939	0.4949
Ca3158	315.887 {1	In2306	ppm	11.82	0.0227	0.1918	11.83	11.8
Ca3181	318.128 {1	In2306	ppm	11.91	0.1149	0.9643	12	11.83
Cd2288	228.802 {4	Y_2243	ppm	0.488	0.0006	0.114	0.4884	0.4876
Co2286	228.616 {4	In2306	ppm	0.489	0.001	0.209	0.4883	0.4897
Cr2677	267.716 {1	Y_3600	ppm	0.4929	0.0003	0.0632	0.4927	0.4931
Cu3247	324.754 {1	Y_3600	ppm	0.4869	0.0001	0.0265	0.4868	0.487
Fe2404	240.488 {1	In2306	ppm	2.348	0.0147	0.627	2.358	2.338
K_7664	766.490 { 4	Y_3710	ppm	12.71	0.0419	0.3299	12.74	12.68
K_7698	769.896 { 4	Y_3710	ppm	12.85	0.0932	0.7251	12.91	12.78
Li6707	670.784 { 5	Y_3710	ppm	0.5011	0.0052	1.028	0.5047	0.4974
Mg2790	279.079 {1	Y_3710	ppm	4.857	0.0321	0.6617	4.834	4.88
Mn2576	257.610 {1	Y_3600	ppm	0.4817	0.0019	0.3998	0.4831	0.4804
Mn2576-2	257.610 {1	Y_3710	ppm	0.4704	0.002	0.4246	0.469	0.4718
Mo2020	202.030 {4	Y_2243	ppm	0.4957	0.0022	0.4425	0.4941	0.4972
Na5895	589.592 { 5	Y_3710	ppm	12.57	0.0841	0.6691	12.63	12.51
Na8183	818.326 { 4	Y_3710	ppm	12.41	0.0424	0.3415	12.44	12.38
Ni2316	231.604 {4	In2306	ppm	0.4818	0.0011	0.2348	0.481	0.4826
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0003	124.5	0	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.4832	0.0024	0.5041	0.4814	0.4849
S_1820	182.034 {4	Y_2243	ppm	-42.65	0.1844	0.4322	-42.78	-42.52
Sb2068	206.833 {4	Y_2243	ppm	0.4999	0.0012	0.2428	0.5008	0.499
Se1960	196.090 {4	Y_2243	ppm	0.4904	0.0007	0.1518	0.4899	0.4909
Si2516	251.611 {1	Y_3710	ppm	0.7961	0.0257	3.234	0.7779	0.8143
Sn1899	189.989 {4	In2306	ppm	0.4963	0.0008	0.1624	0.4957	0.4969
Sr4215	421.552 { 8	Y_3710	ppm	0.2455	0.0002	0.0641	0.2456	0.2454

Ti3349	334.904 {1	Y_3600	ppm	0.5023	0.0001	0.0177	0.5024	0.5023
Tl1908	190.856 {4	In2306	ppm	0.4964	0.0025	0.5113	0.4982	0.4946
V_2924	292.402 {1	Y_3600	ppm	0.5009	0.0008	0.1504	0.5015	0.5004
Zn2062	206.200 {4	In2306	ppm	0.4837	0.0014	0.2841	0.4827	0.4847

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.118	0.58578	0.9136	63.704	64.532
In2306	230.606 {4	Cts/S	9486.2	18.503	0.19505	9499.3	9473.1
Y_2243	224.306 {4	Cts/S	12368	17.854	0.14435	12381	12355
Y_3600	360.073 { 9	Cts/S	47934	110.31	0.23013	47856	48012
Y_3710	371.030 { 9	Cts/S	8562.8	18.969	0.22153	8549.3	8576.2

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Run Time=1/25/2012 8:35:36
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0005	8.826	0.0049	0.0055
Al3082	308.215 {1	In2306	ppm	0.0562	0.0047	8.41	0.0595	0.0528
As1890	189.042 {4	Y_2243	ppm	0.0089	0.0011	11.92	0.0082	0.0097
B_2496	249.678 {1	Y_3710	ppm	0.0076	0.0047	61.46	0.0043	0.0109
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0001	0.7953	0.0097	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	2.841	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0895	0.015	16.74	0.0789	0.1001
Ca3181	318.128 {1	In2306	ppm	0.2004	0.0748	37.32	0.2533	0.1475
Cd2288	228.802 {4	Y_2243	ppm	0.0053	0.0007	13.54	0.0048	0.0058
Co2286	228.616 {4	In2306	ppm	0.0102	0.0007	6.479	0.0098	0.0107
Cr2677	267.716 {1	Y_3600	ppm	0.0092	0.0003	2.83	0.0094	0.009
Cu3247	324.754 {1	Y_3600	ppm	0.0095	0.0004	4.034	0.0098	0.0092
Fe2404	240.488 {1	In2306	ppm	0.0933	0.011	11.83	0.1011	0.0855
K_7664	766.490 { 4	Y_3710	ppm	0.6082	0.0105	1.722	0.6156	0.6008
K_7698	769.896 { 4	Y_3710	ppm	0.3381	0.0241	7.126	0.3552	0.3211
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0.0006	6.119	0.01	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.0658	0.0322	48.97	0.0886	0.043
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.2014	0.0101	0.01
Mn2576-2	257.610 {1	Y_3710	ppm	0.0093	0.0018	19.76	0.008	0.0106
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.0013	11.15	0.0108	0.0126
Na5895	589.592 { 5	Y_3710	ppm	0.6293	0.0145	2.308	0.6396	0.619
Na8183	818.326 { 4	Y_3710	ppm	0.6835	0.0864	12.64	0.7446	0.6224
Ni2316	231.604 {4	In2306	ppm	0.0104	0.0009	9.065	0.0097	0.011
P_1782	178.284 {4	In2306	ppm	0.0103	0.001	9.424	0.0096	0.011
Pb2203	220.353 {4	In2306	ppm	0.0096	0.0001	1.105	0.0097	0.0095
S_1820	182.034 {4	Y_2243	ppm	0.3901	0.0413	10.58	0.4193	0.3609
Sb2068	206.833 {4	Y_2243	ppm	0.0204	0.0017	8.54	0.0192	0.0216
Se1960	196.090 {4	Y_2243	ppm	0.0093	0.0007	7.205	0.0089	0.0098
Si2516	251.611 {1	Y_3710	ppm	-0.0151	0.0153	101.1	-0.0043	-0.0259
Sn1899	189.989 {4	In2306	ppm	0.0102	0.0012	12.03	0.0093	0.011

Sr4215	421.552 {	8	Y_3710	ppm	0.0047	0.0001	1.208	0.0047	0.0048
Ti3349	334.904 {1		Y_3600	ppm	0.0104	0.0002	1.637	0.0105	0.0103
Tl1908	190.856 {4		In2306	ppm	0.0138	0.0029	20.78	0.0117	0.0158
V_2924	292.402 {1		Y_3600	ppm	0.01	0.0004	4.459	0.0103	0.0097
Zn2062	206.200 {4		In2306	ppm	0.0088	0.0007	8.399	0.0083	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.628	0.28483	0.44764	63.83	63.427
In2306	230.606 {4	Cts/S	10068	14.516	0.14417	10058	10079
Y_2243	224.306 {4	Cts/S	12550	18.902	0.15061	12537	12564
Y_3600	360.073 {	9	Cts/S	47109	27.77	0.05895	47090	47129
Y_3710	371.030 {	9	Cts/S	8748.9	55.086	0.62964	8709.9	8787.8

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	78.69	0.0004	0.0001
Al3082	308.215 {1	In2306	ppm	0.0034	0.0314	918.5	-0.0188	0.0256
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0006	43.01	-0.0009	-0.0017
B_2496	249.678 {1	Y_3710	ppm	-0.0026	0.0056	211.7	0.0013	-0.0066
Ba4554	455.403 {	7	Y_3710	ppm	-0.0001	0.0002	244.1	-0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	36.78	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0172	0.0038	22.25	0.0199	0.0145
Ca3181	318.128 {1	In2306	ppm	0.1014	0.1499	147.9	0.2073	-0.0046
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	86.01	0	-0.0001
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	117.6	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0002	366.1	0.0002	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0001	38.7	-0.0004	-0.0002
Fe2404	240.488 {1	In2306	ppm	-0.0107	0.0025	23.57	-0.0124	-0.0089
K_7664	766.490 {	4	Y_3710	ppm	0.0035	0.0055	157.5	-0.0004	0.0073
K_7698	769.896 {	4	Y_3710	ppm	-0.0078	0.0101	129.5	-0.0007	-0.015
Li6707	670.784 {	5	Y_3710	ppm	0	0	81.1	0	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0104	0.012	115.6	-0.0188	-0.0019
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	106	0	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0003	0.0004	134	0	-0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	27.14	0.0003	0.0004
Na5895	589.592 {	5	Y_3710	ppm	0.0031	0.0002	5.408	0.003	0.0032
Na8183	818.326 {	4	Y_3710	ppm	0.0127	0.0632	495.9	0.0574	-0.032
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0004	174.3	0	0.0005
P_1782	178.284 {4	In2306	ppm	-0.0001	0.0006	1086	0.0004	-0.0005
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0001	71.65	-0.0001	-0.0003
S_1820	182.034 {4	Y_2243	ppm	0.2282	0.0154	6.754	0.2173	0.2391
Sb2068	206.833 {4	Y_2243	ppm	0.0032	0.0014	44.11	0.0022	0.0041
Se1960	196.090 {4	Y_2243	ppm	-0.0023	0.0004	19.28	-0.0026	-0.0019
Si2516	251.611 {1	Y_3710	ppm	-0.0059	0.0178	302.2	-0.0184	0.0067

Sn1899	189.989 {4	In2306	ppm	0	0.0004	15400	-0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	28.57	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	253.4	-0.0003	0.0001
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0016	1474	0.001	-0.0012
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	2363	0.0001	-0.0001
Zn2062	206.200 {4	In2306	ppm	0	0.0001	261.4	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.892	0.39042	0.62077	62.616	63.168
In2306	230.606 {4	Cts/S	10066	17.364	0.1725	10054	10079
Y_2243	224.306 {4	Cts/S	12552	40.016	0.3188	12524	12580
Y_3600	360.073 { 9	Cts/S	46252	326.83	0.70662	46483	46021
Y_3710	371.030 { 9	Cts/S	8484.9	52.547	0.61929	8447.8	8522.1

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SampleName=MB 600-70294/1-A
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:40:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	391.8	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.057	0.053	92.89	-0.0196	-0.0945
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.0001	6.156	-0.0011	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0062	0.0052	84.84	-0.0098	-0.0025
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	12.09	0.0008	0.0006
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	206.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0052	0.0008	15.26	-0.0047	-0.0058
Ca3181	318.128 {1	In2306	ppm	0.0808	0.0405	50.1	0.0522	0.1094
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	49.08	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0	1.449	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	134.5	0.0003	0
Cu3247	324.754 {1	Y_3600	ppm	-0.0014	0.0001	6.06	-0.0013	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0142	0.0129	90.65	-0.0233	-0.0051
K_7664	766.490 { 4	Y_3710	ppm	0.0088	0.0124	141.2	0.0176	0
K_7698	769.896 { 4	Y_3710	ppm	-0.2744	0.0096	3.496	-0.2812	-0.2677
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0001	134.7	0	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0445	0.0038	8.482	0.0471	0.0418
Mn2576	257.610 {1	Y_3600	ppm	0	0	153.5	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0007	917.2	0.0005	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	235.7	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0088	0.0001	1.096	0.0089	0.0087
Na8183	818.326 { 4	Y_3710	ppm	0.1917	0.0299	15.57	0.2128	0.1706
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	105.7	0	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0001	54.14	-0.0004	-0.0002
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0014	238.5	0.0016	-0.0004
S_1820	182.034 {4	Y_2243	ppm	0.4324	0.0896	20.72	0.4957	0.369
Sb2068	206.833 {4	Y_2243	ppm	0.002	0.0004	22.5	0.0023	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0003	36.59	0.001	0.0006

Si2516	251.611 {1	Y_3710	ppm	-0.0295	0.0177	59.87	-0.017	-0.042
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0003	84.28	-0.0001	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0	0	34.14	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0007	0.0004	50.51	-0.0005	-0.001
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0003	42.68	0.0006	0.001
V_2924	292.402 {1	Y_3600	ppm	0.0001	0	27.01	0.0001	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0013	0.0001	4.67	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.36	0.42095	0.66438	63.062	63.658
In2306	230.606 {4	Cts/S	10220	90.878	0.88918	10156	10285
Y_2243	224.306 {4	Cts/S	12813	111.1	0.8671	12734	12891
Y_3600	360.073 { 9	Cts/S	46608	36.843	0.07905	46582	46634
Y_3710	371.030 { 9	Cts/S	8774.6	83.677	0.95363	8833.8	8715.4

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:43:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5045	0.0009	0.1709	0.5051	0.5038
Al3082	308.215 {1	In2306	ppm	10.53	0.1407	1.336	10.63	10.43
As1890	189.042 {4	Y_2243	ppm	0.9684	0.0165	1.704	0.9801	0.9567
B_2496	249.678 {1	Y_3710	ppm	1.001	0.0059	0.5915	1.005	0.9964
Ba4554	455.403 { 7	Y_3710	ppm	1.007	0.0067	0.6627	1.011	1.002
Be3130	313.042 {1	Y_3710	ppm	0.5087	0.0029	0.5691	0.5067	0.5108
Ca3158	315.887 {1	In2306	ppm	10.02	0.0019	0.0187	10.02	10.02
Ca3181	318.128 {1	In2306	ppm	10.17	0.0664	0.6526	10.22	10.13
Cd2288	228.802 {4	Y_2243	ppm	0.4899	0.0087	1.773	0.496	0.4838
Co2286	228.616 {4	In2306	ppm	0.9815	0.0188	1.915	0.9948	0.9682
Cr2677	267.716 {1	Y_3600	ppm	1.008	0	0.0024	1.008	1.008
Cu3247	324.754 {1	Y_3600	ppm	1.016	0.0023	0.2288	1.017	1.014
Fe2404	240.488 {1	In2306	ppm	10.16	0.0226	0.2222	10.14	10.18
K_7664	766.490 { 4	Y_3710	ppm	11.28	0.3345	2.966	11.51	11.04
K_7698	769.896 { 4	Y_3710	ppm	11.29	0.3423	3.031	11.53	11.05
Li6707	670.784 { 5	Y_3710	ppm	0.557	0.0211	3.781	0.5719	0.5421
Mg2790	279.079 {1	Y_3710	ppm	10.02	0.0327	0.3268	10.04	9.994
Mn2576	257.610 {1	Y_3600	ppm	0.9872	0.0013	0.1323	0.9863	0.9881
Mn2576-2	257.610 {1	Y_3710	ppm	0.9614	0.008	0.8287	0.9558	0.967
Mo2020	202.030 {4	Y_2243	ppm	0.9784	0.0186	1.903	0.9916	0.9652
Na5895	589.592 { 5	Y_3710	ppm	11.19	0.3587	3.206	11.44	10.93
Na8183	818.326 { 4	Y_3710	ppm	10.43	0.1738	1.666	10.56	10.31
Ni2316	231.604 {4	In2306	ppm	0.9602	0.0177	1.843	0.9727	0.9477
P_1782	178.284 {4	In2306	ppm	-0.001	0.0004	41.89	-0.0012	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.9659	0.015	1.552	0.9765	0.9553
S_1820	182.034 {4	Y_2243	ppm	0.5453	0.157	28.79	0.6563	0.4343
Sb2068	206.833 {4	Y_2243	ppm	0.9568	0.0206	2.149	0.9714	0.9423

Se1960	196.090 {4	Y_2243	ppm	0.984	0.0093	0.9447	0.9906	0.9774
Si2516	251.611 {1	Y_3710	ppm	0.8632	0.0027	0.3134	0.8613	0.8651
Sn1899	189.989 {4	In2306	ppm	0.9861	0.0246	2.496	1.003	0.9687
Sr4215	421.552 { 8	Y_3710	ppm	0.5035	0.0028	0.5479	0.5055	0.5016
Ti3349	334.904 {1	Y_3600	ppm	1.025	0.0038	0.3677	1.022	1.027
Tl1908	190.856 {4	In2306	ppm	0.9719	0.0338	3.477	0.9958	0.948
V_2924	292.402 {1	Y_3600	ppm	1.032	0.0042	0.4114	1.029	1.035
Zn2062	206.200 {4	In2306	ppm	0.9634	0.0177	1.837	0.9759	0.9509

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.713	1.0293	1.7237	58.985	60.441
In2306	230.606 {4	Cts/S	9421.8	13.391	0.14213	9412.3	9431.2
Y_2243	224.306 {4	Cts/S	12350	8.3382	0.06752	12356	12344
Y_3600	360.073 { 9	Cts/S	47240	86.135	0.18233	47301	47179
Y_3710	371.030 { 9	Cts/S	8405.4	42.324	0.50354	8375.4	8435.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	124.3	0.0005	0
Al3082	308.215 {1	In2306	ppm	0.0516	0.0305	59	0.0732	0.0301
As1890	189.042 {4	Y_2243	ppm	0.003	0.002	65.48	0.0016	0.0044
B_2496	249.678 {1	Y_3710	ppm	0.1375	0.0031	2.288	0.1353	0.1398
Ba4554	455.403 { 7	Y_3710	ppm	0.0048	0.0004	7.569	0.0051	0.0045
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	5.53	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	3.876	0.225	5.805	3.717	4.035
Ca3181	318.128 {1	In2306	ppm	4.041	0.154	3.81	3.932	4.15
Cd2288	228.802 {4	Y_2243	ppm	0.001	0.0015	143.3	0	0.002
Co2286	228.616 {4	In2306	ppm	0.0018	0.0028	151	-0.0001	0.0038
Cr2677	267.716 {1	Y_3600	ppm	0	0.0001	1116	-0.0001	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0.0001	5.48	-0.0028	-0.0026
Fe2404	240.488 {1	In2306	ppm	-0.0129	0.011	85.56	-0.0207	-0.0051
K_7664	766.490 { 4	Y_3710	ppm	4.102	0.0038	0.0938	4.099	4.105
K_7698	769.896 { 4	Y_3710	ppm	4.063	0.0444	1.092	4.095	4.032
Li6707	670.784 { 5	Y_3710	ppm	0.0024	0.0002	10.27	0.0022	0.0026
Mg2790	279.079 {1	Y_3710	ppm	0.3791	0.0724	19.1	0.4303	0.3279
Mn2576	257.610 {1	Y_3600	ppm	0.0204	0	0.0035	0.0204	0.0204
Mn2576-2	257.610 {1	Y_3710	ppm	0.0224	0.0019	8.471	0.0211	0.0238
Mo2020	202.030 {4	Y_2243	ppm	0.3031	0.0023	0.7725	0.3015	0.3048
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	1876	2.588	0.1379	1878	1874
Ni2316	231.604 {4	In2306	ppm	0.0085	0.0033	38.93	0.0062	0.0109
P_1782	178.284 {4	In2306	ppm	0.016	0.0018	11.28	0.0173	0.0147
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0015	177.4	-0.0002	0.0019
S_1820	182.034 {4	Y_2243	ppm	-47210	45.68	0.0968	-47240	-47170

Sb2068	206.833 {4	Y_2243	ppm	0.0145	0.0002	1.16	0.0147	0.0144
Se1960	196.090 {4	Y_2243	ppm	0.004	0.0018	44.77	0.0027	0.0053
Si2516	251.611 {1	Y_3710	ppm	0.159	0.0047	2.926	0.1557	0.1623
Sn1899	189.989 {4	In2306	ppm	0.0037	0.0037	101.4	0.001	0.0063
Sr4215	421.552 { 8	Y_3710	ppm	0.0201	0	0.2451	0.0201	0.0201
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0003	42	0.0004	0.0008
Tl1908	190.856 {4	In2306	ppm	0.006	0.0068	114.1	0.0011	0.0108
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0007	54.28	0.0008	0.0018
Zn2062	206.200 {4	In2306	ppm	0.0065	0.0033	50.85	0.0042	0.0089

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.08	2.9996	5.1647	60.201	55.959
In2306	230.606 {4	Cts/S	6983.7	10.909	0.15621	6976	6991.4
Y_2243	224.306 {4	Cts/S	10453	21.058	0.20146	10438	10467
Y_3600	360.073 { 9	Cts/S	51125	89.266	0.1746	51062	51188
Y_3710	371.030 { 9	Cts/S	8184.3	37.811	0.46199	8157.6	8211.1

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:48:39
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	168.2	0	0.0002
Al3082	308.215 {1	In2306	ppm	0.224	0.0012	0.5328	0.2248	0.2231
As1890	189.042 {4	Y_2243	ppm	0.0134	0.0018	13.61	0.0147	0.0122
B_2496	249.678 {1	Y_3710	ppm	0.3233	0.0051	1.592	0.3197	0.327
Ba4554	455.403 { 7	Y_3710	ppm	0.1649	0.0014	0.8483	0.1659	0.1639
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	222.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	116.7	2.071	1.775	118.1	115.2
Ca3181	318.128 {1	In2306	ppm	117.5	1.984	1.688	118.9	116.1
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	125.4	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0.0003	109.3	0.0001	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0.0003	3.535	0.0101	0.0096
Cu3247	324.754 {1	Y_3600	ppm	0.0428	0.0005	1.277	0.0424	0.0432
Fe2404	240.488 {1	In2306	ppm	0.405	0.0312	7.713	0.4271	0.3829
K_7664	766.490 { 4	Y_3710	ppm	20.18	0.2653	1.314	20.37	19.99
K_7698	769.896 { 4	Y_3710	ppm	20.79	0.2464	1.185	20.96	20.62
Li6707	670.784 { 5	Y_3710	ppm	0.0241	0.0001	0.4982	0.0242	0.024
Mg2790	279.079 {1	Y_3710	ppm	13.36	0.0012	0.0093	13.36	13.36
Mn2576	257.610 {1	Y_3600	ppm	0.0274	0.0002	0.6897	0.0275	0.0273
Mn2576-2	257.610 {1	Y_3710	ppm	0.0291	0.0001	0.3201	0.0291	0.0292
Mo2020	202.030 {4	Y_2243	ppm	0.0166	0.0011	6.867	0.0158	0.0174
Na5895	589.592 { 5	Y_3710	ppm	262	6.119	2.335	266.3	257.7
Na8183	818.326 { 4	Y_3710	ppm	307	2.706	0.8811	309	305.1
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0001	0.8282	0.0114	0.0113
P_1782	178.284 {4	In2306	ppm	2.48	0.0116	0.4687	2.488	2.472
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0007	258.9	-0.0007	0.0002

S_1820	182.034 {4	Y_2243	ppm	-10970	80.75	0.7363	-10910	-11020
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0002	8.644	0.003	0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0007	43.02	0.0011	0.002
Si2516	251.611 {1	Y_3710	ppm	8.353	0.0081	0.0966	8.347	8.359
Sn1899	189.989 {4	In2306	ppm	-0.0001	0	44.98	0	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.8374	0.0027	0.3268	0.8394	0.8355
Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0005	16.08	0.0035	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0005	60.2	0.0012	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0064	0.0003	4.718	0.0062	0.0066
Zn2062	206.200 {4	In2306	ppm	0.0555	0.0004	0.6706	0.0553	0.0558

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.708	1.6044	2.687	58.574	60.843
In2306	230.606 {4	Cts/S	8043.2	6.713	0.08346	8038.5	8048
Y_2243	224.306 {4	Cts/S	11208	18.364	0.16384	11195	11221
Y_3600	360.073 { 9	Cts/S	49002	118.43	0.24167	49086	48919
Y_3710	371.030 { 9	Cts/S	8187.5	1.1868	0.0145	8188.3	8186.6

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:51:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	11.67	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	0.2203	0.0364	16.53	0.246	0.1945
As1890	189.042 {4	Y_2243	ppm	0.0139	0.0006	4.252	0.0135	0.0144
B_2496	249.678 {1	Y_3710	ppm	0.3301	0.0023	0.6862	0.3285	0.3317
Ba4554	455.403 { 7	Y_3710	ppm	0.1767	0.0005	0.2558	0.1764	0.177
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	272.8	0	0.0001
Ca3158	315.887 {1	In2306	ppm	126.2	3.34	2.646	128.6	123.9
Ca3181	318.128 {1	In2306	ppm	126.6	2.974	2.349	128.7	124.5
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	115.8	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	27.39	0.0004	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0002	2.319	0.0101	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0891	0.0003	0.3791	0.0893	0.0889
Fe2404	240.488 {1	In2306	ppm	0.3948	0.008	2.037	0.4005	0.3891
K_7664	766.490 { 4	Y_3710	ppm	21.33	0.0821	0.3848	21.27	21.38
K_7698	769.896 { 4	Y_3710	ppm	22.07	0.1376	0.6234	21.97	22.17
Li6707	670.784 { 5	Y_3710	ppm	0.0248	0.0004	1.787	0.0245	0.0251
Mg2790	279.079 {1	Y_3710	ppm	13.76	0.1569	1.141	13.87	13.65
Mn2576	257.610 {1	Y_3600	ppm	0.0323	0.0001	0.1808	0.0323	0.0324
Mn2576-2	257.610 {1	Y_3710	ppm	0.0324	0.0003	1.052	0.0326	0.0321
Mo2020	202.030 {4	Y_2243	ppm	0.0154	0.0001	0.9005	0.0153	0.0155
Na5895	589.592 { 5	Y_3710	ppm	268.8	2.508	0.933	270.6	267.1
Na8183	818.326 { 4	Y_3710	ppm	322.1	0.9215	0.2861	321.5	322.8
Ni2316	231.604 {4	In2306	ppm	0.0127	0.0001	1.08	0.0128	0.0126
P_1782	178.284 {4	In2306	ppm	2.503	0.0013	0.0505	2.504	2.502

Pb2203	220.353 {4	In2306	ppm	0.0016	0	2.663	0.0016	0.0017
S_1820	182.034 {4	Y_2243	ppm	-10680	12.26	0.1148	-10690	-10670
Sb2068	206.833 {4	Y_2243	ppm	0.0016	0.0001	3.635	0.0016	0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0005	41.3	0.0009	0.0017
Si2516	251.611 {1	Y_3710	ppm	8.472	0.014	0.1652	8.462	8.482
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	65.85	-0.0002	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.8796	0.0044	0.4966	0.8765	0.8827
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0.0001	2.089	0.0025	0.0026
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0001	6.538	0.002	0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0062	0.0002	2.556	0.0061	0.0063
Zn2062	206.200 {4	In2306	ppm	0.1758	0.001	0.577	0.1765	0.1751

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.455	1.0081	1.7245	57.742	59.167
In2306	230.606 {4	Cts/S	8016.9	12.943	0.16144	8026.1	8007.8
Y_2243	224.306 {4	Cts/S	11166	35.539	0.31829	11191	11141
Y_3600	360.073 { 9	Cts/S	49282	93.122	0.18896	49216	49347
Y_3710	371.030 { 9	Cts/S	8220.2	62.052	0.75488	8264.1	8176.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.514	0.0025	0.4859	0.5122	0.5158
Al3082	308.215 {1	In2306	ppm	10.78	0.2462	2.284	10.95	10.6
As1890	189.042 {4	Y_2243	ppm	1.055	0.0148	1.404	1.066	1.045
B_2496	249.678 {1	Y_3710	ppm	1.366	0.0078	0.5712	1.36	1.371
Ba4554	455.403 { 7	Y_3710	ppm	1.153	0.0035	0.2997	1.15	1.155
Be3130	313.042 {1	Y_3710	ppm	0.504	0.0004	0.0748	0.5043	0.5038
Ca3158	315.887 {1	In2306	ppm	133.8	3.377	2.524	136.2	131.4
Ca3181	318.128 {1	In2306	ppm	134.6	3.291	2.444	137	132.3
Cd2288	228.802 {4	Y_2243	ppm	0.5117	0.0077	1.508	0.5171	0.5062
Co2286	228.616 {4	In2306	ppm	1.015	0.0179	1.767	1.028	1.003
Cr2677	267.716 {1	Y_3600	ppm	0.9557	0.0016	0.163	0.9568	0.9546
Cu3247	324.754 {1	Y_3600	ppm	1.154	0.0029	0.2506	1.156	1.152
Fe2404	240.488 {1	In2306	ppm	10.41	0.2727	2.62	10.6	10.22
K_7664	766.490 { 4	Y_3710	ppm	31.9	0.3443	1.079	31.65	32.14
K_7698	769.896 { 4	Y_3710	ppm	33.29	0.3413	1.025	33.05	33.53
Li6707	670.784 { 5	Y_3710	ppm	0.557	0.0068	1.222	0.5521	0.5618
Mg2790	279.079 {1	Y_3710	ppm	23.85	0.0867	0.3637	23.79	23.91
Mn2576	257.610 {1	Y_3600	ppm	0.9666	0.001	0.1043	0.9659	0.9673
Mn2576-2	257.610 {1	Y_3710	ppm	0.9867	0.0078	0.7913	0.9812	0.9922
Mo2020	202.030 {4	Y_2243	ppm	0.9918	0.019	1.915	1.005	0.9784
Na5895	589.592 { 5	Y_3710	ppm	286.6	4.71	1.643	283.3	289.9
Na8183	818.326 { 4	Y_3710	ppm	331.5	2.3	0.6938	329.9	333.2
Ni2316	231.604 {4	In2306	ppm	0.9998	0.0187	1.874	1.013	0.9866

P_1782	178.284 {4	In2306	ppm	2.439	0.013	0.5329	2.449	2.43
Pb2203	220.353 {4	In2306	ppm	0.9735	0.0157	1.612	0.9846	0.9624
S_1820	182.034 {4	Y_2243	ppm	-10420	42.12	0.4044	-10450	-10390
Sb2068	206.833 {4	Y_2243	ppm	1.002	0.0157	1.564	1.013	0.991
Se1960	196.090 {4	Y_2243	ppm	1.075	0.0118	1.097	1.083	1.067
Si2516	251.611 {1	Y_3710	ppm	9.478	0.0762	0.8039	9.424	9.532
Sn1899	189.989 {4	In2306	ppm	1.023	0.0224	2.194	1.039	1.007
Sr4215	421.552 { 8	Y_3710	ppm	1.366	0.004	0.2943	1.364	1.369
Ti3349	334.904 {1	Y_3600	ppm	0.9903	0.0059	0.5999	0.9945	0.9861
Tl1908	190.856 {4	In2306	ppm	0.9303	0.0293	3.149	0.951	0.9096
V_2924	292.402 {1	Y_3600	ppm	0.9907	0.0011	0.1124	0.9915	0.9899
Zn2062	206.200 {4	In2306	ppm	1.228	0.0248	2.018	1.245	1.21

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.812	1.2966	2.2046	57.895	59.729
In2306	230.606 {4	Cts/S	7928.7	11.998	0.15132	7937.2	7920.2
Y_2243	224.306 {4	Cts/S	11115	37.916	0.34111	11142	11089
Y_3600	360.073 { 9	Cts/S	49000	20.988	0.04283	48985	49015
Y_3710	371.030 { 9	Cts/S	8134	34.786	0.42767	8158.6	8109.4

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:56:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5292	0.0021	0.3877	0.5278	0.5307
Al3082	308.215 {1	In2306	ppm	11.06	0.2496	2.258	11.23	10.88
As1890	189.042 {4	Y_2243	ppm	1.099	0.0059	0.5377	1.104	1.095
B_2496	249.678 {1	Y_3710	ppm	1.363	0.0005	0.0336	1.363	1.363
Ba4554	455.403 { 7	Y_3710	ppm	1.184	0.0027	0.2279	1.186	1.182
Be3130	313.042 {1	Y_3710	ppm	0.5179	0.0013	0.2475	0.5169	0.5188
Ca3158	315.887 {1	In2306	ppm	131	0.9717	0.7417	131.7	130.3
Ca3181	318.128 {1	In2306	ppm	132	1.371	1.039	132.9	131
Cd2288	228.802 {4	Y_2243	ppm	0.5309	0.0033	0.6264	0.5332	0.5285
Co2286	228.616 {4	In2306	ppm	1.057	0.0045	0.425	1.06	1.054
Cr2677	267.716 {1	Y_3600	ppm	0.9901	0.0023	0.231	0.9917	0.9885
Cu3247	324.754 {1	Y_3600	ppm	1.18	0.0033	0.2773	1.182	1.178
Fe2404	240.488 {1	In2306	ppm	10.52	0.1342	1.275	10.61	10.42
K_7664	766.490 { 4	Y_3710	ppm	32.57	0.656	2.014	33.03	32.11
K_7698	769.896 { 4	Y_3710	ppm	33.97	0.6787	1.998	34.45	33.49
Li6707	670.784 { 5	Y_3710	ppm	0.576	0.0127	2.199	0.5849	0.567
Mg2790	279.079 {1	Y_3710	ppm	24.04	0.046	0.1912	24.01	24.07
Mn2576	257.610 {1	Y_3600	ppm	0.996	0.0006	0.0653	0.9964	0.9955
Mn2576-2	257.610 {1	Y_3710	ppm	1.011	0.002	0.1962	1.01	1.012
Mo2020	202.030 {4	Y_2243	ppm	1.018	0.0081	0.7948	1.024	1.012
Na5895	589.592 { 5	Y_3710	ppm	269.8	6.936	2.571	264.9	274.7
Na8183	818.326 { 4	Y_3710	ppm	333	3.456	1.038	335.4	330.5

Ni2316	231.604 {4	In2306	ppm	1.042	0.0062	0.5941	1.047	1.038
P_1782	178.284 {4	In2306	ppm	2.441	0.0124	0.5075	2.45	2.432
Pb2203	220.353 {4	In2306	ppm	1.008	0.008	0.7963	1.014	1.003
S_1820	182.034 {4	Y_2243	ppm	-10360	26.34	0.2541	-10380	-10350
Sb2068	206.833 {4	Y_2243	ppm	1.037	0.0049	0.4763	1.041	1.034
Se1960	196.090 {4	Y_2243	ppm	1.115	0.0011	0.0997	1.115	1.116
Si2516	251.611 {1	Y_3710	ppm	9.496	0.018	0.1899	9.509	9.483
Sn1899	189.989 {4	In2306	ppm	1.052	0.0075	0.7153	1.058	1.047
Sr4215	421.552 { 8	Y_3710	ppm	1.383	0.0013	0.0947	1.384	1.382
Ti3349	334.904 {1	Y_3600	ppm	1.006	0.0063	0.6212	1.011	1.002
Tl1908	190.856 {4	In2306	ppm	0.9634	0.0218	2.261	0.9788	0.948
V_2924	292.402 {1	Y_3600	ppm	1.026	0.0029	0.2872	1.028	1.024
Zn2062	206.200 {4	In2306	ppm	1.256	0.0071	0.5647	1.261	1.251

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.51	0.989	1.6619	58.811	60.21
In2306	230.606 {4	Cts/S	7884.5	41.985	0.5325	7914.2	7854.8
Y_2243	224.306 {4	Cts/S	11059	61.37	0.55494	11102	11015
Y_3600	360.073 { 9	Cts/S	49206	150.97	0.30681	49099	49313
Y_3710	371.030 { 9	Cts/S	8114.7	30.608	0.37719	8093	8136.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5074	0.0047	0.9352	0.5041	0.5108
Al3082	308.215 {1	In2306	ppm	10.91	0.4209	3.859	10.61	11.21
As1890	189.042 {4	Y_2243	ppm	1.058	0.0037	0.3483	1.06	1.055
B_2496	249.678 {1	Y_3710	ppm	1.331	0.0115	0.8613	1.339	1.323
Ba4554	455.403 { 7	Y_3710	ppm	1.14	0.0025	0.2211	1.138	1.142
Be3130	313.042 {1	Y_3710	ppm	0.4925	0.002	0.4162	0.494	0.4911
Ca3158	315.887 {1	In2306	ppm	131.7	5.654	4.293	127.7	135.7
Ca3181	318.128 {1	In2306	ppm	132.8	5.636	4.244	128.8	136.8
Cd2288	228.802 {4	Y_2243	ppm	0.5162	0.0011	0.21	0.5169	0.5154
Co2286	228.616 {4	In2306	ppm	1.02	0.0025	0.2428	1.022	1.018
Cr2677	267.716 {1	Y_3600	ppm	0.9645	0.0028	0.2927	0.9625	0.9665
Cu3247	324.754 {1	Y_3600	ppm	1.103	0.0042	0.381	1.106	1.1
Fe2404	240.488 {1	In2306	ppm	10.73	0.4771	4.448	10.39	11.07
K_7664	766.490 { 4	Y_3710	ppm	29.91	0.1406	0.4702	29.81	30.01
K_7698	769.896 { 4	Y_3710	ppm	31.21	0.1154	0.3698	31.13	31.29
Li6707	670.784 { 5	Y_3710	ppm	1.068	0.0077	0.7199	1.062	1.073
Mg2790	279.079 {1	Y_3710	ppm	23.12	0.1413	0.6112	23.22	23.02
Mn2576	257.610 {1	Y_3600	ppm	0.9796	0.0071	0.7207	0.9746	0.9846
Mn2576-2	257.610 {1	Y_3710	ppm	0.9906	0.0018	0.1846	0.9919	0.9893
Mo2020	202.030 {4	Y_2243	ppm	0.9848	0.0036	0.3613	0.9873	0.9822
Na5895	589.592 { 5	Y_3710	ppm	260.4	6.15	2.362	264.7	256

Na8183	818.326 {	4	Y_3710	ppm	312.3	1.254	0.4015	311.4	313.2
Ni2316	231.604 {	4	In2306	ppm	1.017	0	0.0048	1.017	1.017
P_1782	178.284 {	4	In2306	ppm	3.558	0.002	0.0559	3.559	3.557
Pb2203	220.353 {	4	In2306	ppm	0.9828	0.0034	0.351	0.9853	0.9804
S_1820	182.034 {	4	Y_2243	ppm	-10720	25.58	0.2387	-10740	-10700
Sb2068	206.833 {	4	Y_2243	ppm	1.023	0.009	0.8812	1.029	1.016
Se1960	196.090 {	4	Y_2243	ppm	1.061	0.0045	0.4262	1.064	1.058
Si2516	251.611 {	1	Y_3710	ppm	9.212	0.0434	0.471	9.181	9.243
Sn1899	189.989 {	4	In2306	ppm	1.023	0.0015	0.1481	1.024	1.022
Sr4215	421.552 {	8	Y_3710	ppm	1.308	0.0013	0.0986	1.307	1.309
Ti3349	334.904 {	1	Y_3600	ppm	0.9855	0.0005	0.0546	0.9851	0.9859
Tl1908	190.856 {	4	In2306	ppm	0.9799	0.0024	0.2472	0.9781	0.9816
V_2924	292.402 {	1	Y_3600	ppm	0.9839	0.0025	0.2557	0.9857	0.9821
Zn2062	206.200 {	4	In2306	ppm	1.106	0.0031	0.2774	1.108	1.104

[Internal Standards]

Elem	WL		Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {	1	Cts/S	57.197	2.5963	4.5392	59.033	55.361
In2306	230.606 {	4	Cts/S	8004.5	9.0964	0.11364	7998.1	8010.9
Y_2243	224.306 {	4	Cts/S	11269	13.139	0.11659	11260	11278
Y_3600	360.073 {	9	Cts/S	48940	287.5	0.58746	49143	48736
Y_3710	371.030 {	9	Cts/S	8223.8	4.8196	0.05861	8227.2	8220.4

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Custom ID3=
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Repeats=2

[Results]

Elem	WL		ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {	1	Y_3600	ppm	-0.0005	0	9.77	-0.0005	-0.0004
Al3082	308.215 {	1	In2306	ppm	0.0156	0.0349	223.6	0.0403	-0.0091
As1890	189.042 {	4	Y_2243	ppm	0.0072	0.0055	75.23	0.0034	0.0111
B_2496	249.678 {	1	Y_3710	ppm	0.0611	0.0042	6.905	0.0581	0.064
Ba4554	455.403 {	7	Y_3710	ppm	0.0326	0.0001	0.2337	0.0326	0.0325
Be3130	313.042 {	1	Y_3710	ppm	-0.0002	0	19.15	-0.0001	-0.0002
Ca3158	315.887 {	1	In2306	ppm	23.06	0.2903	1.259	23.26	22.85
Ca3181	318.128 {	1	In2306	ppm	23.31	0.2388	1.025	23.48	23.14
Cd2288	228.802 {	4	Y_2243	ppm	0.0026	0.0034	132.7	0.0002	0.005
Co2286	228.616 {	4	In2306	ppm	0.006	0.0074	123.3	0.0008	0.0113
Cr2677	267.716 {	1	Y_3600	ppm	0.002	0.0001	2.703	0.002	0.0019
Cu3247	324.754 {	1	Y_3600	ppm	0.006	0.0007	10.89	0.0065	0.0056
Fe2404	240.488 {	1	In2306	ppm	0.0547	0.0151	27.54	0.0653	0.044
K_7664	766.490 {	4	Y_3710	ppm	3.978	0.0185	0.4641	3.991	3.965
K_7698	769.896 {	4	Y_3710	ppm	3.825	0.0256	0.6703	3.843	3.807
Li6707	670.784 {	5	Y_3710	ppm	0.0048	0.0001	1.883	0.0047	0.0048
Mg2790	279.079 {	1	Y_3710	ppm	2.582	0.0233	0.9017	2.566	2.599
Mn2576	257.610 {	1	Y_3600	ppm	0.0057	0.0001	1.048	0.0057	0.0056
Mn2576-2	257.610 {	1	Y_3710	ppm	0.0063	0.0002	3.89	0.0061	0.0064
Mo2020	202.030 {	4	Y_2243	ppm	0.0118	0.0086	72.7	0.0057	0.0179

Na5895	589.592 { 5	Y_3710	ppm	57.24	1.216	2.125	56.38	58.1
Na8183	818.326 { 4	Y_3710	ppm	58.88	0.0964	0.1637	58.95	58.82
Ni2316	231.604 {4	In2306	ppm	0.0079	0.0072	90.74	0.0028	0.013
P_1782	178.284 {4	In2306	ppm	0.4488	0.0169	3.768	0.4368	0.4607
Pb2203	220.353 {4	In2306	ppm	0.0049	0.0046	93.65	0.0017	0.0082
S_1820	182.034 {4	Y_2243	ppm	-2136	38.88	1.821	-2108	-2163
Sb2068	206.833 {4	Y_2243	ppm	0.0166	0.0094	56.89	0.0099	0.0232
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0037	110.2	0.0007	0.006
Si2516	251.611 {1	Y_3710	ppm	1.56	0.022	1.413	1.576	1.545
Sn1899	189.989 {4	In2306	ppm	0.0074	0.0083	111.5	0.0016	0.0132
Sr4215	421.552 { 8	Y_3710	ppm	0.1652	0.0005	0.2757	0.1655	0.1648
Ti3349	334.904 {1	Y_3600	ppm	0.0019	0	1.171	0.0019	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0042	0.0044	103.3	0.0011	0.0073
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0005	35.94	0.001	0.0017
Zn2062	206.200 {4	In2306	ppm	0.0217	0.0074	34.32	0.0164	0.0269

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.409	1.177	1.9166	60.577	62.241
In2306	230.606 {4	Cts/S	9236	29.257	0.31678	9256.7	9215.3
Y_2243	224.306 {4	Cts/S	12240	22.563	0.18433	12256	12224
Y_3600	360.073 { 9	Cts/S	48519	325.5	0.67088	48289	48749
Y_3710	371.030 { 9	Cts/S	8513.4	4.1606	0.04887	8510.5	8516.4

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0002	33.89	0.0006	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0524	0.0104	19.79	-0.0597	-0.0451
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0008	296.3	0.0008	-0.0003
B_2496	249.678 {1	Y_3710	ppm	0	0.001	3552	-0.0007	0.0008
Ba4554	455.403 { 7	Y_3710	ppm	-0.0002	0	9.094	-0.0002	-0.0002
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	11.16	-0.0003	-0.0003
Ca3158	315.887 {1	In2306	ppm	-0.0146	0.0069	47.51	-0.0195	-0.0097
Ca3181	318.128 {1	In2306	ppm	0.085	0.0524	61.6	0.1221	0.048
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	57.39	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	57.83	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0002	81.07	0.0005	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0001	10.76	-0.0012	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0315	0.0098	31.15	-0.0246	-0.0385
K_7664	766.490 { 4	Y_3710	ppm	0.0503	0.0155	30.85	0.0613	0.0393
K_7698	769.896 { 4	Y_3710	ppm	-0.2289	0.0066	2.898	-0.2336	-0.2242
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	118.9	0	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0127	0.0123	96.46	-0.0214	-0.0041
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	2.214	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0015	1550	0.0009	-0.0011

Mo2020	202.030 {4	Y_2243	ppm	0.0004	0	9.464	0.0004	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0716	0.0004	0.5861	0.0719	0.0713
Na8183	818.326 { 4	Y_3710	ppm	-0.0368	0.014	38.05	-0.0269	-0.0466
Ni2316	231.604 {4	In2306	ppm	0	0.0001	237.9	0	0.0001
P_1782	178.284 {4	In2306	ppm	0.0001	0.0002	147.9	0	0.0003
Pb2203	220.353 {4	In2306	ppm	0.0001	0	35.09	0.0001	0.0001
S_1820	182.034 {4	Y_2243	ppm	-3.643	2.014	55.28	-2.219	-5.067
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0009	40.29	0.003	0.0017
Se1960	196.090 {4	Y_2243	ppm	-0.0015	0.0001	8.192	-0.0016	-0.0014
Si2516	251.611 {1	Y_3710	ppm	-0.024	0.0096	40.1	-0.0309	-0.0172
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0001	20.81	-0.0003	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	104.8	-0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0006	303.6	0.0006	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.001	0.0009	86.3	0.0017	0.0004
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	453.4	-0.0002	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0127	0.0003	1.98	0.0125	0.0129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.479	0.2711	0.44096	61.671	61.288
In2306	230.606 {4	Cts/S	10119	24.176	0.23893	10102	10136
Y_2243	224.306 {4	Cts/S	12653	80.292	0.63456	12596	12710
Y_3600	360.073 { 9	Cts/S	46314	58.665	0.12667	46355	46272
Y_3710	371.030 { 9	Cts/S	8534.5	18.91	0.22157	8521.2	8547.9

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:06:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2437	0.0016	0.6634	0.2448	0.2425
Al3082	308.215 {1	In2306	ppm	2.454	0.0684	2.789	2.405	2.502
As1890	189.042 {4	Y_2243	ppm	0.4798	0.0012	0.2558	0.4807	0.479
B_2496	249.678 {1	Y_3710	ppm	0.4785	0.0094	1.974	0.4718	0.4852
Ba4554	455.403 { 7	Y_3710	ppm	0.479	0.0005	0.1041	0.4786	0.4793
Be3130	313.042 {1	Y_3710	ppm	0.4933	0.0021	0.4247	0.4918	0.4948
Ca3158	315.887 {1	In2306	ppm	12.32	0.0414	0.3359	12.29	12.35
Ca3181	318.128 {1	In2306	ppm	12.34	0.1	0.8102	12.27	12.41
Cd2288	228.802 {4	Y_2243	ppm	0.4868	0.0004	0.0724	0.4871	0.4866
Co2286	228.616 {4	In2306	ppm	0.4927	0.0003	0.0557	0.4925	0.4929
Cr2677	267.716 {1	Y_3600	ppm	0.4967	0.0038	0.7611	0.4994	0.4941
Cu3247	324.754 {1	Y_3600	ppm	0.4874	0.0041	0.8514	0.4903	0.4844
Fe2404	240.488 {1	In2306	ppm	2.467	0.0412	1.67	2.496	2.438
K_7664	766.490 { 4	Y_3710	ppm	12.51	0.1464	1.17	12.41	12.61
K_7698	769.896 { 4	Y_3710	ppm	12.63	0.1924	1.524	12.49	12.76
Li6707	670.784 { 5	Y_3710	ppm	0.4896	0.0069	1.417	0.4847	0.4945
Mg2790	279.079 {1	Y_3710	ppm	4.866	0.0081	0.1666	4.86	4.872
Mn2576	257.610 {1	Y_3600	ppm	0.4855	0.0039	0.8038	0.4883	0.4827

Mn2576-2	257.610 {1	Y_3710	ppm	0.4685	0.001	0.2118	0.4692	0.4678
Mo2020	202.030 {4	Y_2243	ppm	0.4877	0.0011	0.2298	0.4885	0.4869
Na5895	589.592 { 5	Y_3710	ppm	12.4	0.1509	1.217	12.29	12.5
Na8183	818.326 { 4	Y_3710	ppm	12.3	0.1055	0.8583	12.22	12.37
Ni2316	231.604 {4	In2306	ppm	0.4813	0	0.0095	0.4812	0.4813
P_1782	178.284 {4	In2306	ppm	-0.0026	0	0.7264	-0.0026	-0.0026
Pb2203	220.353 {4	In2306	ppm	0.484	0.0004	0.0784	0.4837	0.4843
S_1820	182.034 {4	Y_2243	ppm	-44.04	0.066	0.1498	-44.08	-43.99
Sb2068	206.833 {4	Y_2243	ppm	0.4754	0.0019	0.4067	0.4767	0.474
Se1960	196.090 {4	Y_2243	ppm	0.484	0.0001	0.0287	0.4839	0.4841
Si2516	251.611 {1	Y_3710	ppm	0.7834	0.0015	0.1917	0.7845	0.7823
Sn1899	189.989 {4	In2306	ppm	0.5009	0.0006	0.1138	0.5013	0.5005
Sr4215	421.552 { 8	Y_3710	ppm	0.2437	0.0008	0.346	0.2431	0.2443
Ti3349	334.904 {1	Y_3600	ppm	0.5068	0.0062	1.216	0.5111	0.5024
Tl1908	190.856 {4	In2306	ppm	0.5005	0.0047	0.9449	0.5038	0.4972
V_2924	292.402 {1	Y_3600	ppm	0.5077	0.0056	1.113	0.5117	0.5037
Zn2062	206.200 {4	In2306	ppm	0.4898	0.0007	0.1406	0.4893	0.4903

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.88	0.62471	1.0096	62.321	61.438
In2306	230.606 {4	Cts/S	9533.3	1.7071	0.01791	9534.5	9532.1
Y_2243	224.306 {4	Cts/S	12536	17.4	0.1388	12524	12549
Y_3600	360.073 { 9	Cts/S	47223	328.96	0.69661	46990	47456
Y_3710	371.030 { 9	Cts/S	8570.2	53.523	0.62452	8608	8532.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0055	0.0002	3.299	0.0053	0.0056
Al3082	308.215 {1	In2306	ppm	0.0574	0.0178	31.05	0.07	0.0448
As1890	189.042 {4	Y_2243	ppm	0.0099	0.0016	16	0.0087	0.011
B_2496	249.678 {1	Y_3710	ppm	0.0047	0.0005	10.98	0.0051	0.0043
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0	0.2365	0.0098	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	3.219	0.0046	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1052	0.0082	7.751	0.0995	0.111
Ca3181	318.128 {1	In2306	ppm	0.1755	0.019	10.83	0.189	0.1621
Cd2288	228.802 {4	Y_2243	ppm	0.0063	0.002	31.98	0.0049	0.0078
Co2286	228.616 {4	In2306	ppm	0.0115	0.0022	18.87	0.0099	0.013
Cr2677	267.716 {1	Y_3600	ppm	0.0096	0.0002	1.699	0.0095	0.0097
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0004	4.547	0.0088	0.0083
Fe2404	240.488 {1	In2306	ppm	0.0709	0.0169	23.86	0.0829	0.059
K_7664	766.490 { 4	Y_3710	ppm	0.6615	0.0022	0.3378	0.6631	0.6599
K_7698	769.896 { 4	Y_3710	ppm	0.4322	0.0114	2.636	0.4403	0.4242
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0005	4.604	0.0105	0.0098
Mg2790	279.079 {1	Y_3710	ppm	0.0352	0.018	51.04	0.0225	0.0479

Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	0.6	0.0102	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0103	0.0013	12.31	0.0094	0.0112
Mo2020	202.030 {4	Y_2243	ppm	0.013	0.0028	21.79	0.011	0.015
Na5895	589.592 { 5	Y_3710	ppm	0.7069	0.0079	1.118	0.7125	0.7013
Na8183	818.326 { 4	Y_3710	ppm	0.6149	0.0304	4.942	0.5934	0.6364
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0024	20.87	0.0096	0.013
P_1782	178.284 {4	In2306	ppm	0.0105	0.0001	0.5112	0.0106	0.0105
Pb2203	220.353 {4	In2306	ppm	0.0109	0.0022	20.09	0.0093	0.0124
S_1820	182.034 {4	Y_2243	ppm	-1.229	0.0112	0.9145	-1.236	-1.221
Sb2068	206.833 {4	Y_2243	ppm	0.0184	0.0022	11.99	0.0168	0.02
Se1960	196.090 {4	Y_2243	ppm	0.0104	0.0014	13.36	0.0094	0.0114
Si2516	251.611 {1	Y_3710	ppm	-0.0108	0.0081	75.25	-0.0165	-0.0051
Sn1899	189.989 {4	In2306	ppm	0.012	0.0025	20.97	0.0102	0.0137
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0.0001	2.439	0.0048	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.0101	0.0008	7.696	0.0107	0.0096
Tl1908	190.856 {4	In2306	ppm	0.0154	0.0041	26.66	0.0125	0.0183
V_2924	292.402 {1	Y_3600	ppm	0.0102	0.0002	1.785	0.0103	0.0101
Zn2062	206.200 {4	In2306	ppm	0.0101	0.0021	21.05	0.0086	0.0116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.253	0.2981	0.47128	63.464	63.043
In2306	230.606 {4	Cts/S	10129	18.687	0.18448	10143	10116
Y_2243	224.306 {4	Cts/S	12752	11.896	0.09329	12744	12760
Y_3600	360.073 { 9	Cts/S	46344	63.703	0.13746	46299	46389
Y_3710	371.030 { 9	Cts/S	8641.6	12.069	0.13966	8633	8650.1

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0007	94.08	0.0002	0.0012
Al3082	308.215 {1	In2306	ppm	-0.048	0.0085	17.8	-0.054	-0.0419
As1890	189.042 {4	Y_2243	ppm	-0.0012	0	2.723	-0.0012	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0009	0.0014	154.5	0.0001	-0.0019
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0001	122.6	0	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	258.8	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0021	0.0138	655	-0.0077	0.0119
Ca3181	318.128 {1	In2306	ppm	0.1478	0.0358	24.22	0.1731	0.1224
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	266.5	0	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0003	1027	-0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0006	112.6	0.0009	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0014	0.0006	43.22	-0.001	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0076	0.0153	200.4	-0.0185	0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.0235	0.0098	41.5	0.0166	0.0304
K_7698	769.896 { 4	Y_3710	ppm	-0.0076	0.0288	379.3	-0.028	0.0128
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0003	51.25	0.0007	0.0003

Mg2790	279.079 {1	Y_3710	ppm	-0.0477	0.0255	53.4	-0.0658	-0.0297
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0.0001	49.3	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0004	0.0011	297.9	0.0011	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	25.86	0.0004	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0531	0.0002	0.3735	0.0532	0.0529
Na8183	818.326 { 4	Y_3710	ppm	0.1787	0.0173	9.659	0.1665	0.1909
Ni2316	231.604 {4	In2306	ppm	0.0003	0	3.712	0.0002	0.0003
P_1782	178.284 {4	In2306	ppm	0.0005	0.0005	96.79	0.0009	0.0002
Pb2203	220.353 {4	In2306	ppm	0	0.0001	424.7	0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-2.48	0.0119	0.4811	-2.472	-2.489
Sb2068	206.833 {4	Y_2243	ppm	0.0042	0.0002	3.87	0.0041	0.0043
Se1960	196.090 {4	Y_2243	ppm	-0.001	0.0001	7.396	-0.0011	-0.001
Si2516	251.611 {1	Y_3710	ppm	-0.0233	0.0389	167	-0.0507	0.0042
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	43.52	0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	452.6	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0	0	17.41	-0.0001	0
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0012	86.71	0.0005	0.0022
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0003	126.7	0	-0.0005
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	81.56	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.273	0.19668	0.32099	61.134	61.412
In2306	230.606 {4	Cts/S	10114	18.557	0.18348	10127	10101
Y_2243	224.306 {4	Cts/S	12723	29.156	0.22916	12744	12702
Y_3600	360.073 { 9	Cts/S	45654	207.11	0.45366	45507	45800
Y_3710	371.030 { 9	Cts/S	8478.6	59.397	0.70055	8436.6	8520.6

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5036	0.0044	0.8769	0.5005	0.5067
Al3082	308.215 {1	In2306	ppm	10.16	0.2101	2.068	10.01	10.31
As1890	189.042 {4	Y_2243	ppm	0.9726	0.0008	0.0861	0.9732	0.972
B_2496	249.678 {1	Y_3710	ppm	0.9916	0.009	0.9047	0.998	0.9853
Ba4554	455.403 { 7	Y_3710	ppm	0.9932	0.0053	0.5296	0.9895	0.9969
Be3130	313.042 {1	Y_3710	ppm	0.5022	0.0004	0.0878	0.5025	0.5019
Ca3158	315.887 {1	In2306	ppm	9.859	0.1196	1.213	9.774	9.943
Ca3181	318.128 {1	In2306	ppm	9.82	0.0201	0.2046	9.834	9.806
Cd2288	228.802 {4	Y_2243	ppm	0.4888	0.0017	0.3514	0.49	0.4876
Co2286	228.616 {4	In2306	ppm	0.9936	0.004	0.4019	0.9964	0.9908
Cr2677	267.716 {1	Y_3600	ppm	1.005	0.0014	0.1355	1.004	1.006
Cu3247	324.754 {1	Y_3600	ppm	0.9983	0.0026	0.2614	1	0.9965
Fe2404	240.488 {1	In2306	ppm	9.889	0.0941	0.9516	9.823	9.956
K_7664	766.490 { 4	Y_3710	ppm	10.9	0.2095	1.922	10.75	11.05
K_7698	769.896 { 4	Y_3710	ppm	10.89	0.2135	1.96	10.74	11.04

Li6707	670.784 { 5	Y_3710	ppm	0.5337	0.0107	2.001	0.5261	0.5412
Mg2790	279.079 {1	Y_3710	ppm	9.903	0.0374	0.3781	9.93	9.877
Mn2576	257.610 {1	Y_3600	ppm	0.9901	0.0052	0.5218	0.9864	0.9937
Mn2576-2	257.610 {1	Y_3710	ppm	0.9597	0.0029	0.2989	0.9617	0.9577
Mo2020	202.030 {4	Y_2243	ppm	0.9818	0.0023	0.2293	0.9833	0.9802
Na5895	589.592 { 5	Y_3710	ppm	10.8	0.1878	1.739	10.67	10.93
Na8183	818.326 { 4	Y_3710	ppm	10.39	0.0336	0.3231	10.37	10.41
Ni2316	231.604 {4	In2306	ppm	0.9687	0.0031	0.3173	0.9709	0.9665
P_1782	178.284 {4	In2306	ppm	-0.0012	0.0008	69.42	-0.0006	-0.0017
Pb2203	220.353 {4	In2306	ppm	0.9759	0.0047	0.485	0.9792	0.9725
S_1820	182.034 {4	Y_2243	ppm	-0.6693	0.0155	2.312	-0.6802	-0.6583
Sb2068	206.833 {4	Y_2243	ppm	0.9518	0.0028	0.2938	0.9538	0.9498
Se1960	196.090 {4	Y_2243	ppm	0.9784	0.0012	0.1197	0.9792	0.9776
Si2516	251.611 {1	Y_3710	ppm	0.8446	0.0106	1.25	0.8371	0.852
Sn1899	189.989 {4	In2306	ppm	1.009	0.0082	0.8158	1.015	1.003
Sr4215	421.552 { 8	Y_3710	ppm	0.4961	0.0021	0.4171	0.4946	0.4976
Ti3349	334.904 {1	Y_3600	ppm	1.022	0.0064	0.6291	1.017	1.026
Tl1908	190.856 {4	In2306	ppm	1.001	0.0142	1.42	1.011	0.991
V_2924	292.402 {1	Y_3600	ppm	1.022	0.0048	0.4666	1.018	1.025
Zn2062	206.200 {4	In2306	ppm	0.9806	0.0038	0.3868	0.9833	0.9779

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.322	1.2614	2.024	63.214	61.43
In2306	230.606 {4	Cts/S	9513.1	5.6653	0.05955	9517.1	9509.1
Y_2243	224.306 {4	Cts/S	12577	28.92	0.22994	12598	12557
Y_3600	360.073 { 9	Cts/S	47176	203.78	0.43195	47320	47032
Y_3710	371.030 { 9	Cts/S	8583.6	32.841	0.38261	8606.8	8560.4

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Custom ID3=
Run Time=1/25/2012 9:16:46
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	245.2	-0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	0.1188	0.0479	40.3	0.1527	0.085
As1890	189.042 {4	Y_2243	ppm	0.01	0.0048	47.78	0.0066	0.0133
B_2496	249.678 {1	Y_3710	ppm	0.2814	0.0134	4.745	0.272	0.2909
Ba4554	455.403 { 7	Y_3710	ppm	0.1067	0.0001	0.07	0.1067	0.1066
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	106	0	0.0001
Ca3158	315.887 {1	In2306	ppm	62.33	2.296	3.683	63.95	60.71
Ca3181	318.128 {1	In2306	ppm	63.19	1.874	2.966	64.52	61.87
Cd2288	228.802 {4	Y_2243	ppm	0.0021	0.0028	132.9	0.0001	0.0041
Co2286	228.616 {4	In2306	ppm	0.0055	0.0061	110.7	0.0012	0.0099
Cr2677	267.716 {1	Y_3600	ppm	0.0029	0.0007	22.49	0.0034	0.0025
Cu3247	324.754 {1	Y_3600	ppm	0.0073	0.0001	1.709	0.0072	0.0074
Fe2404	240.488 {1	In2306	ppm	0.274	0.003	1.106	0.2761	0.2718
K_7664	766.490 { 4	Y_3710	ppm	15.23	0.6289	4.13	14.78	15.67

K_7698	769.896 { 4	Y_3710	ppm	15.44	0.6915	4.479	14.95	15.93
Li6707	670.784 { 5	Y_3710	ppm	0.0209	0.0009	4.504	0.0203	0.0216
Mg2790	279.079 {1	Y_3710	ppm	8.152	0.0554	0.679	8.192	8.113
Mn2576	257.610 {1	Y_3600	ppm	0.0224	0.0002	0.8271	0.0225	0.0223
Mn2576-2	257.610 {1	Y_3710	ppm	0.0243	0.0021	8.72	0.0228	0.0258
Mo2020	202.030 {4	Y_2243	ppm	0.0168	0.0066	39.49	0.0121	0.0215
Na5895	589.592 { 5	Y_3710	ppm	180.9	11.49	6.351	172.8	189
Na8183	818.326 { 4	Y_3710	ppm	196.6	2.692	1.369	194.7	198.5
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0059	57.84	0.006	0.0143
P_1782	178.284 {4	In2306	ppm	1.951	0.0259	1.329	1.97	1.933
Pb2203	220.353 {4	In2306	ppm	0.0043	0.0054	126.1	0.0005	0.0081
S_1820	182.034 {4	Y_2243	ppm	-2578	14.55	0.5643	-2588	-2567
Sb2068	206.833 {4	Y_2243	ppm	0.0182	0.0045	24.96	0.015	0.0214
Se1960	196.090 {4	Y_2243	ppm	0.0043	0.0042	97.11	0.0014	0.0073
Si2516	251.611 {1	Y_3710	ppm	5.845	0.055	0.9405	5.807	5.884
Sn1899	189.989 {4	In2306	ppm	0.0066	0.0076	116.1	0.0012	0.0119
Sr4215	421.552 { 8	Y_3710	ppm	0.4788	0.0011	0.2396	0.478	0.4796
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0003	15.8	0.0018	0.0014
Tl1908	190.856 {4	In2306	ppm	0.01	0.0077	76.7	0.0046	0.0154
V_2924	292.402 {1	Y_3600	ppm	0.0049	0	0.4421	0.005	0.0049
Zn2062	206.200 {4	In2306	ppm	0.5736	0.0006	0.0966	0.5732	0.574

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.42	0.80801	1.3598	58.849	59.991
In2306	230.606 {4	Cts/S	8535.2	16.34	0.19144	8523.7	8546.8
Y_2243	224.306 {4	Cts/S	11773	11.672	0.09914	11765	11781
Y_3600	360.073 { 9	Cts/S	48487	29.266	0.06036	48508	48467
Y_3710	371.030 { 9	Cts/S	8262.2	64.178	0.77676	8307.6	8216.8

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:19:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0006	89.15	0.0003	0.0011
Al3082	308.215 {1	In2306	ppm	1.993	0.0105	0.5287	1.986	2.001
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0001	5.977	0.0017	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0714	0.0065	9.13	0.0668	0.076
Ba4554	455.403 { 7	Y_3710	ppm	0.0772	0.0002	0.2302	0.0771	0.0773
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	700.2	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	10.87	0.0695	0.6393	10.92	10.82
Ca3181	318.128 {1	In2306	ppm	10.91	0.0266	0.2436	10.89	10.93
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	1379	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0011	0.0003	25.43	0.0009	0.0013
Cr2677	267.716 {1	Y_3600	ppm	0.004	0.0003	6.628	0.0042	0.0038
Cu3247	324.754 {1	Y_3600	ppm	0.0288	0.0002	0.7685	0.029	0.0286
Fe2404	240.488 {1	In2306	ppm	1.73	0.0103	0.5962	1.722	1.737

K_7664	766.490 { 4	Y_3710	ppm	7.94	0.0383	0.4823	7.913	7.967
K_7698	769.896 { 4	Y_3710	ppm	7.792	0.0643	0.8257	7.747	7.838
Li6707	670.784 { 5	Y_3710	ppm	0.0043	0.0002	4.582	0.0045	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.525	0.0257	1.019	2.507	2.543
Mn2576	257.610 {1	Y_3600	ppm	0.0319	0.0002	0.6162	0.0317	0.032
Mn2576-2	257.610 {1	Y_3710	ppm	0.0308	0.0002	0.5855	0.0309	0.0306
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0.0005	21.53	0.0018	0.0025
Na5895	589.592 { 5	Y_3710	ppm	33.7	0.1369	0.4063	33.6	33.79
Na8183	818.326 { 4	Y_3710	ppm	31.84	0.2098	0.659	31.69	31.99
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0002	14.04	0.0014	0.0017
P_1782	178.284 {4	In2306	ppm	0.2586	0.0142	5.476	0.2486	0.2686
Pb2203	220.353 {4	In2306	ppm	0.0023	0.0003	14.87	0.0025	0.0021
S_1820	182.034 {4	Y_2243	ppm	-302.4	13.64	4.509	-292.8	-312.1
Sb2068	206.833 {4	Y_2243	ppm	0.0031	0.0011	36.92	0.0023	0.0039
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0014	122.5	-0.0021	-0.0002
Si2516	251.611 {1	Y_3710	ppm	3.618	0.0127	0.3501	3.609	3.627
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0006	363.8	-0.0006	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0815	0.0003	0.3939	0.0813	0.0818
Ti3349	334.904 {1	Y_3600	ppm	0.0127	0.0002	1.345	0.0126	0.0128
Tl1908	190.856 {4	In2306	ppm	0.0022	0.0017	76.55	0.001	0.0035
V_2924	292.402 {1	Y_3600	ppm	0.0054	0.0007	12.36	0.0059	0.005
Zn2062	206.200 {4	In2306	ppm	0.0303	0.0042	13.79	0.0273	0.0333

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.091	0.0489	0.07876	62.057	62.126
In2306	230.606 {4	Cts/S	9488.5	27.024	0.28481	9507.6	9469.4
Y_2243	224.306 {4	Cts/S	12482	41.408	0.33173	12512	12453
Y_3600	360.073 { 9	Cts/S	47218	17.323	0.03669	47230	47205
Y_3710	371.030 { 9	Cts/S	8415.7	26.698	0.31724	8396.8	8434.6

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	73.08	-0.0001	-0.0004
Al3082	308.215 {1	In2306	ppm	0.4085	0.0161	3.947	0.4199	0.3971
As1890	189.042 {4	Y_2243	ppm	0.0067	0.0011	16.52	0.0075	0.006
B_2496	249.678 {1	Y_3710	ppm	0.1382	0.0104	7.547	0.1308	0.1456
Ba4554	455.403 { 7	Y_3710	ppm	0.1673	0.0007	0.4329	0.1668	0.1678
Be3130	313.042 {1	Y_3710	ppm	-0.0005	0.0001	10.79	-0.0005	-0.0006
Ca3158	315.887 {1	In2306	ppm	51.01	0.1066	0.2089	50.94	51.09
Ca3181	318.128 {1	In2306	ppm	51.03	0.143	0.2803	50.93	51.13
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	129.8	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0001	22.31	0.0006	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0	1.552	0.0016	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0059	0.0001	1.115	0.0058	0.0059

Fe2404	240.488 {1	In2306	ppm	0.3722	0.0057	1.544	0.3762	0.3681
K_7664	766.490 { 4	Y_3710	ppm	9.028	0.051	0.5654	8.992	9.064
K_7698	769.896 { 4	Y_3710	ppm	8.982	0.033	0.3678	8.959	9.005
Li6707	670.784 { 5	Y_3710	ppm	0.0142	0.0001	0.6407	0.0142	0.0141
Mg2790	279.079 {1	Y_3710	ppm	8.434	0.0291	0.3453	8.414	8.455
Mn2576	257.610 {1	Y_3600	ppm	0.0543	0.0004	0.799	0.0546	0.054
Mn2576-2	257.610 {1	Y_3710	ppm	0.054	0.001	1.816	0.0533	0.0547
Mo2020	202.030 {4	Y_2243	ppm	0.148	0.0004	0.2632	0.1483	0.1477
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	59.15
Na8183	818.326 { 4	Y_3710	ppm	59.33	0.1581	0.2665	59.21	59.44
Ni2316	231.604 {4	In2306	ppm	0.1845	0.0011	0.5746	0.1852	0.1837
P_1782	178.284 {4	In2306	ppm	0.0949	0.0005	0.5462	0.0945	0.0952
Pb2203	220.353 {4	In2306	ppm	0.0014	0.0007	47.35	0.0019	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1818	1.846	0.1015	-1819	-1817
Sb2068	206.833 {4	Y_2243	ppm	0.0047	0.001	20.95	0.0054	0.004
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0004	51.56	0.0005	0.0011
Si2516	251.611 {1	Y_3710	ppm	2.374	0.0156	0.6568	2.363	2.385
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0005	108.2	-0.0001	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.4138	0.0002	0.0518	0.414	0.4137
Ti3349	334.904 {1	Y_3600	ppm	0.0059	0.0007	11.4	0.0063	0.0054
Tl1908	190.856 {4	In2306	ppm	-0.0016	0.0009	54.74	-0.0022	-0.001
V_2924	292.402 {1	Y_3600	ppm	8.386	0.0149	0.1772	8.397	8.376
Zn2062	206.200 {4	In2306	ppm	0.0623	0.0004	0.6153	0.0621	0.0626

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.524	0.38546	0.62652	61.797	61.251
In2306	230.606 {4	Cts/S	9005.8	11.528	0.128	8997.7	9014
Y_2243	224.306 {4	Cts/S	12010	26.852	0.22358	11991	12029
Y_3600	360.073 { 9	Cts/S	47696	139.01	0.29146	47794	47597
Y_3710	371.030 { 9	Cts/S	8544	2.5927	0.03035	8545.8	8542.2

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0007	384.9	0.0003	-0.0007
Al3082	308.215 {1	In2306	ppm	-0.0091	0.0157	171.8	-0.0202	0.002
As1890	189.042 {4	Y_2243	ppm	-0.0015	0.001	65.27	-0.0022	-0.0008
B_2496	249.678 {1	Y_3710	ppm	-0.0025	0.0062	252.9	0.0019	-0.0068
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	10.25	0.0008	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	496.9	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.4622	0.0028	0.6158	0.4602	0.4642
Ca3181	318.128 {1	In2306	ppm	0.5128	0.0255	4.978	0.5309	0.4948
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	28.45	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	690.8	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0.0008	74.21	0.0017	0.0005

Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0003	23.35	-0.0013	-0.0009
Fe2404	240.488 {1	In2306	ppm	0.0228	0.0001	0.5514	0.0229	0.0227
K_7664	766.490 { 4	Y_3710	ppm	0.0492	0.0032	6.526	0.0469	0.0514
K_7698	769.896 { 4	Y_3710	ppm	-0.2085	0.0045	2.159	-0.2053	-0.2117
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	34.53	0.0006	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0238	0.0178	74.69	0.0363	0.0112
Mn2576	257.610 {1	Y_3600	ppm	0.0026	0.0001	4.517	0.0027	0.0025
Mn2576-2	257.610 {1	Y_3710	ppm	0.0019	0.0006	29.55	0.0023	0.0015
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0023	93.35	0.0008	0.0041
Na5895	589.592 { 5	Y_3710	ppm	0.0776	0.0003	0.3919	0.0778	0.0774
Na8183	818.326 { 4	Y_3710	ppm	-0.0286	0.0642	224.6	0.0168	-0.074
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0027	76.03	0.0017	0.0055
P_1782	178.284 {4	In2306	ppm	0.003	0.0013	42.84	0.0021	0.0039
Pb2203	220.353 {4	In2306	ppm	0.0016	0.0007	44.96	0.0021	0.0011
S_1820	182.034 {4	Y_2243	ppm	-17.07	19.56	114.6	-3.241	-30.9
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0005	31.39	0.0019	0.0012
Se1960	196.090 {4	Y_2243	ppm	0	0.0009	4116	-0.0006	0.0006
Si2516	251.611 {1	Y_3710	ppm	0.0457	0.0121	26.46	0.0543	0.0372
Sn1899	189.989 {4	In2306	ppm	0.0075	0.0007	9.817	0.008	0.007
Sr4215	421.552 { 8	Y_3710	ppm	0.002	0	1.986	0.0019	0.002
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0006	108.6	0.001	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0008	97.7	0.0013	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0004	125.7	0	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0036	0.0007	19.97	0.0031	0.0041

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.839	0.3283	0.52244	63.071	62.607
In2306	230.606 {4	Cts/S	10105	31.023	0.30701	10127	10083
Y_2243	224.306 {4	Cts/S	12720	11.931	0.0938	12728	12712
Y_3600	360.073 { 9	Cts/S	45535	377.32	0.82864	45269	45802
Y_3710	371.030 { 9	Cts/S	8613.7	35.179	0.4084	8638.6	8588.8

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	130.8	0	0.0007
Al3082	308.215 {1	In2306	ppm	2.654	0.0165	0.6231	2.665	2.642
As1890	189.042 {4	Y_2243	ppm	0.0008	0.001	122.8	0.0015	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0255	0.0158	62.08	0.0366	0.0143
Ba4554	455.403 { 7	Y_3710	ppm	0.0586	0.0001	0.1636	0.0585	0.0586
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0002	99.37	0.0003	0
Ca3158	315.887 {1	In2306	ppm	66.16	1.163	1.757	66.98	65.33
Ca3181	318.128 {1	In2306	ppm	66.2	0.8058	1.217	66.77	65.63
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	17.37	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.0011	0.0001	6.56	0.0012	0.0011

Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0001	0.579	0.01	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.0102	0.0005	5.249	0.0105	0.0098
Fe2404	240.488 {1	In2306	ppm	2.594	0.0615	2.373	2.637	2.55
K_7664	766.490 { 4	Y_3710	ppm	12.65	0.0328	0.2591	12.63	12.68
K_7698	769.896 { 4	Y_3710	ppm	12.77	0.0259	0.2028	12.79	12.75
Li6707	670.784 { 5	Y_3710	ppm	0.0054	0	0.1627	0.0054	0.0054
Mg2790	279.079 {1	Y_3710	ppm	6.979	0.0073	0.1041	6.984	6.974
Mn2576	257.610 {1	Y_3600	ppm	0.1404	0.0002	0.1208	0.1406	0.1403
Mn2576-2	257.610 {1	Y_3710	ppm	0.1355	0.0011	0.7813	0.1363	0.1348
Mo2020	202.030 {4	Y_2243	ppm	0.0032	0.0001	1.771	0.0032	0.0031
Na5895	589.592 { 5	Y_3710	ppm	39.26	0.1386	0.3531	39.16	39.36
Na8183	818.326 { 4	Y_3710	ppm	37.69	0.0041	0.011	37.68	37.69
Ni2316	231.604 {4	In2306	ppm	0.0051	0.0001	2.718	0.005	0.0052
P_1782	178.284 {4	In2306	ppm	3.612	0.0227	0.6277	3.628	3.596
Pb2203	220.353 {4	In2306	ppm	0.0048	0.0006	12.83	0.0052	0.0043
S_1820	182.034 {4	Y_2243	ppm	-262.5	0.9698	0.3694	-263.2	-261.8
Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.0023	123.3	0.0002	0.0035
Se1960	196.090 {4	Y_2243	ppm	-0.0008	0.0007	86.12	-0.0013	-0.0003
Si2516	251.611 {1	Y_3710	ppm	7.683	0.0361	0.4696	7.708	7.657
Sn1899	189.989 {4	In2306	ppm	0.0011	0.0002	16.72	0.0009	0.0012
Sr4215	421.552 { 8	Y_3710	ppm	0.1564	0.0002	0.1261	0.1563	0.1565
Ti3349	334.904 {1	Y_3600	ppm	0.0331	0.0001	0.2491	0.0331	0.033
Tl1908	190.856 {4	In2306	ppm	0.002	0.0009	44.25	0.0026	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0147	0.0002	1.042	0.0146	0.0148
Zn2062	206.200 {4	In2306	ppm	0.1182	0.0001	0.1004	0.1183	0.1181

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.457	0.8178	1.3307	60.879	62.036
In2306	230.606 {4	Cts/S	9025.4	0.24649	0.00273	9025.2	9025.5
Y_2243	224.306 {4	Cts/S	12166	29.488	0.24237	12146	12187
Y_3600	360.073 { 9	Cts/S	47250	99.884	0.21139	47179	47321
Y_3710	371.030 { 9	Cts/S	8315.1	1.1428	0.01374	8315.9	8314.3

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	148.3	-0.0004	0
Al3082	308.215 {1	In2306	ppm	0.0368	0.0579	157.4	-0.0042	0.0777
As1890	189.042 {4	Y_2243	ppm	0	0.0001	514.6	-0.0001	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0191	0.0053	27.65	0.0154	0.0228
Ba4554	455.403 { 7	Y_3710	ppm	0.0198	0.0001	0.5524	0.0198	0.0197
Be3130	313.042 {1	Y_3710	ppm	0	0	20.61	0	0
Ca3158	315.887 {1	In2306	ppm	13.99	0.3094	2.212	13.77	14.21
Ca3181	318.128 {1	In2306	ppm	14.2	0.3547	2.499	13.95	14.45
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	83.4	-0.0001	0

Co2286	228.616 {4	In2306	ppm	0.0003	0	3.865	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0003	119.2	0.0005	0
Cu3247	324.754 {1	Y_3600	ppm	0.0016	0.0005	33.92	0.0019	0.0012
Fe2404	240.488 {1	In2306	ppm	0.0301	0.0095	31.68	0.0368	0.0233
K_7664	766.490 { 4	Y_3710	ppm	8.749	0.1908	2.181	8.884	8.614
K_7698	769.896 { 4	Y_3710	ppm	8.688	0.1933	2.225	8.825	8.552
Li6707	670.784 { 5	Y_3710	ppm	0.0018	0.0002	13.19	0.002	0.0016
Mg2790	279.079 {1	Y_3710	ppm	3.319	0.0004	0.0125	3.319	3.318
Mn2576	257.610 {1	Y_3600	ppm	0.0138	0.0002	1.391	0.014	0.0137
Mn2576-2	257.610 {1	Y_3710	ppm	0.0139	0.0008	6.086	0.0133	0.0145
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0001	5.857	0.0023	0.0022
Na5895	589.592 { 5	Y_3710	ppm	27.73	0.5724	2.064	28.14	27.33
Na8183	818.326 { 4	Y_3710	ppm	26.51	0.1675	0.6316	26.63	26.39
Ni2316	231.604 {4	In2306	ppm	0.0009	0	3.885	0.0009	0.0009
P_1782	178.284 {4	In2306	ppm	2.307	0.0003	0.0111	2.307	2.307
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	44.86	0.0002	0.0004
S_1820	182.034 {4	Y_2243	ppm	-186.7	0.0016	0.0009	-186.7	-186.7
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0013	57.82	0.0032	0.0013
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0028	433.4	-0.0026	0.0013
Si2516	251.611 {1	Y_3710	ppm	1.934	0.0175	0.9071	1.922	1.947
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	55.26	-0.0002	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0658	0.0004	0.676	0.0655	0.0662
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0003	113.4	0.0004	0
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0001	5.667	0.0016	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0044	0.0002	4.79	0.0045	0.0042
Zn2062	206.200 {4	In2306	ppm	0.0132	0.0006	4.497	0.0128	0.0137

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.277	1.2493	2.0387	62.161	60.394
In2306	230.606 {4	Cts/S	9488.8	20.546	0.21653	9474.2	9503.3
Y_2243	224.306 {4	Cts/S	12418	32.842	0.26447	12395	12442
Y_3600	360.073 { 9	Cts/S	46760	144.04	0.30804	46862	46658
Y_3710	371.030 { 9	Cts/S	8490.5	15.081	0.17762	8501.1	8479.8

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0011	243.5	0.0012	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0503	0.0251	49.83	0.0326	0.068
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0015	1006	0.0009	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0076	0.009	118.4	-0.0012	-0.0139
Ba4554	455.403 { 7	Y_3710	ppm	0.009	0.0001	0.6465	0.0089	0.009
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	321.1	-0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	5.803	0.0387	0.667	5.83	5.775
Ca3181	318.128 {1	In2306	ppm	5.953	0.0731	1.228	6.005	5.901

Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	14.28	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0	16.12	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0	3.543	0.0004	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0001	0.0001	186.3	-0.0002	0
Fe2404	240.488 {1	In2306	ppm	0.3122	0.01	3.191	0.3051	0.3192
K_7664	766.490 { 4	Y_3710	ppm	0.7137	0.0025	0.3459	0.7155	0.712
K_7698	769.896 { 4	Y_3710	ppm	0.4546	0.007	1.545	0.4596	0.4497
Li6707	670.784 { 5	Y_3710	ppm	0.0009	0.0002	21.76	0.0011	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.1389	0.0009	0.6271	0.1382	0.1395
Mn2576	257.610 {1	Y_3600	ppm	0.0064	0	0.1381	0.0064	0.0064
Mn2576-2	257.610 {1	Y_3710	ppm	0.0061	0.0007	12.31	0.0055	0.0066
Mo2020	202.030 {4	Y_2243	ppm	0.0014	0.0002	17.15	0.0016	0.0013
Na5895	589.592 { 5	Y_3710	ppm	0.821	0.0007	0.0881	0.8205	0.8215
Na8183	818.326 { 4	Y_3710	ppm	0.9201	0.0436	4.743	0.951	0.8893
Ni2316	231.604 {4	In2306	ppm	0.0032	0.0001	3.272	0.0032	0.0033
P_1782	178.284 {4	In2306	ppm	0.0593	0.0432	72.73	0.0288	0.0899
Pb2203	220.353 {4	In2306	ppm	0.0007	0	4.874	0.0007	0.0007
S_1820	182.034 {4	Y_2243	ppm	-23.53	2.591	11.01	-21.7	-25.36
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0003	13.5	0.0021	0.0025
Se1960	196.090 {4	Y_2243	ppm	-0.0001	0.0008	767.4	0.0004	-0.0006
Si2516	251.611 {1	Y_3710	ppm	0.3857	0.0024	0.6263	0.384	0.3874
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	10.4	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0179	0.0001	0.3679	0.0179	0.0178
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0.0008	31.02	0.003	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0011	0.0001	8.898	0.001	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0.0003	68.3	-0.0005	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0297	0.0005	1.645	0.03	0.0293

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.142	0.02305	0.03709	62.158	62.125
In2306	230.606 {4	Cts/S	10031	23.448	0.23376	10048	10015
Y_2243	224.306 {4	Cts/S	12746	28.117	0.22059	12766	12726
Y_3600	360.073 { 9	Cts/S	45704	49.034	0.10729	45669	45739
Y_3710	371.030 { 9	Cts/S	8614.1	35.964	0.4175	8639.5	8588.6

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0004	179.9	-0.0005	0.0001
Al3082	308.215 {1	In2306	ppm	0.1225	0.01	8.152	0.1155	0.1296
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0003	25.19	0.001	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0219	0.0007	3.066	0.0215	0.0224
Ba4554	455.403 { 7	Y_3710	ppm	0.0138	0	0.13	0.0138	0.0137
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	8.435	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	11.53	0.0307	0.2663	11.55	11.5

Ca3181	318.128 {1	In2306	ppm	11.74	0.0972	0.8278	11.81	11.67
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	33.11	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	28.53	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0003	25.64	0.001	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.0039	0.0004	9.58	0.0042	0.0036
Fe2404	240.488 {1	In2306	ppm	0.2736	0.0195	7.12	0.2874	0.2599
K_7664	766.490 { 4	Y_3710	ppm	4.674	0.0701	1.501	4.624	4.723
K_7698	769.896 { 4	Y_3710	ppm	4.469	0.0371	0.8302	4.443	4.495
Li6707	670.784 { 5	Y_3710	ppm	0.0034	0.0002	4.372	0.0035	0.0033
Mg2790	279.079 {1	Y_3710	ppm	0.3749	0.005	1.332	0.3713	0.3784
Mn2576	257.610 {1	Y_3600	ppm	0.0077	0.0002	2.544	0.0078	0.0075
Mn2576-2	257.610 {1	Y_3710	ppm	0.0064	0	0.6207	0.0064	0.0064
Mo2020	202.030 {4	Y_2243	ppm	0.0037	0.0001	1.869	0.0037	0.0036
Na5895	589.592 { 5	Y_3710	ppm	4.452	0.0859	1.93	4.392	4.513
Na8183	818.326 { 4	Y_3710	ppm	4.197	0.046	1.096	4.164	4.229
Ni2316	231.604 {4	In2306	ppm	0.0017	0.0002	10.29	0.0016	0.0018
P_1782	178.284 {4	In2306	ppm	0.0327	0.0039	11.95	0.0299	0.0355
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0006	91.09	0.0011	0.0002
S_1820	182.034 {4	Y_2243	ppm	-76.43	1.268	1.659	-77.32	-75.53
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.0004	56.43	0.001	0.0004
Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0004	38.7	-0.0007	-0.0012
Si2516	251.611 {1	Y_3710	ppm	1.036	0.0049	0.4698	1.039	1.032
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	208.4	0	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0452	0.0002	0.3408	0.045	0.0453
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0004	39.4	0.0012	0.0007
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0004	94.4	-0.0008	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0012	0.0002	14.87	0.0013	0.0011
Zn2062	206.200 {4	In2306	ppm	0.0651	0.0006	0.8911	0.0655	0.0647

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.632	0.09325	0.1538	60.698	60.566
In2306	230.606 {4	Cts/S	9822	34.504	0.35129	9797.6	9846.4
Y_2243	224.306 {4	Cts/S	12517	75.953	0.60681	12463	12570
Y_3600	360.073 { 9	Cts/S	46011	74.499	0.16192	45958	46064
Y_3710	371.030 { 9	Cts/S	8437.8	3.7361	0.04428	8435.2	8440.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	43.94	0.0004	0.0002
Al3082	308.215 {1	In2306	ppm	0.2015	0.002	0.9836	0.2029	0.2001
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0002	31.22	0.0006	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.8464	0.018	2.132	0.8336	0.8591
Ba4554	455.403 { 7	Y_3710	ppm	0.0465	0.0004	0.9102	0.0468	0.0462
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	517	0.0001	0

Ca3158	315.887 {1	In2306	ppm	146.8	2.058	1.402	145.3	148.2
Ca3181	318.128 {1	In2306	ppm	148.7	1.979	1.331	147.3	150.1
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	29.59	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0011	0	2.405	0.0011	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0002	10.57	0.0021	0.0018
Cu3247	324.754 {1	Y_3600	ppm	0.0008	0.0006	71.83	0.0004	0.0012
Fe2404	240.488 {1	In2306	ppm	0.1547	0.0146	9.429	0.1444	0.165
K_7664	766.490 { 4	Y_3710	ppm	1.892	0.0128	0.6746	1.883	1.901
K_7698	769.896 { 4	Y_3710	ppm	1.679	0.0204	1.215	1.694	1.665
Li6707	670.784 { 5	Y_3710	ppm	0.0272	0.0001	0.4279	0.0272	0.0271
Mg2790	279.079 {1	Y_3710	ppm	192.1	0.1369	0.0713	192.2	192
Mn2576	257.610 {1	Y_3600	ppm	0.9304	0.0052	0.5637	0.9341	0.9267
Mn2576-2	257.610 {1	Y_3710	ppm	0.9818	0.0038	0.3821	0.9792	0.9845
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0.0002	18.09	0.0011	0.0015
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2175	2.594	0.1193	2177	2173
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0004	11.97	0.004	0.0033
P_1782	178.284 {4	In2306	ppm	0.2841	0.0017	0.6008	0.2829	0.2853
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0017	1167	0.0011	-0.0014
S_1820	182.034 {4	Y_2243	ppm	-5850	39.65	0.6779	-5878	-5822
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0014	151.3	0.0019	-0.0001
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0012	57.39	0.0029	0.0012
Si2516	251.611 {1	Y_3710	ppm	9.082	0.0658	0.7244	9.036	9.129
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0007	203.5	0.0002	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	1.905	0.0025	0.1315	1.903	1.906
Ti3349	334.904 {1	Y_3600	ppm	0.0042	0.0001	1.761	0.0043	0.0042
Tl1908	190.856 {4	In2306	ppm	-0.0034	0.0005	15.21	-0.0038	-0.003
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0004	55.45	0.001	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0061	0.0003	4.914	0.0059	0.0063

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.487	0.79654	1.4355	56.05	54.924
In2306	230.606 {4	Cts/S	6482.3	7.5455	0.1164	6477	6487.7
Y_2243	224.306 {4	Cts/S	9684.6	15.669	0.16179	9673.5	9695.6
Y_3600	360.073 { 9	Cts/S	48388	85.014	0.17569	48448	48328
Y_3710	371.030 { 9	Cts/S	7831	12.107	0.15461	7839.6	7822.5

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2439	0.0002	0.0885	0.244	0.2437
Al3082	308.215 {1	In2306	ppm	2.383	0.0506	2.124	2.347	2.418
As1890	189.042 {4	Y_2243	ppm	0.4744	0.0037	0.7707	0.477	0.4718
B_2496	249.678 {1	Y_3710	ppm	0.4867	0.0062	1.267	0.4823	0.491
Ba4554	455.403 { 7	Y_3710	ppm	0.483	0.0008	0.1741	0.4836	0.4825

Be3130	313.042 {1	Y_3710	ppm	0.4928	0.0009	0.1867	0.4934	0.4921
Ca3158	315.887 {1	In2306	ppm	11.71	0.1816	1.551	11.58	11.84
Ca3181	318.128 {1	In2306	ppm	11.89	0.1774	1.492	11.76	12.01
Cd2288	228.802 {4	Y_2243	ppm	0.4781	0.0044	0.9127	0.4812	0.475
Co2286	228.616 {4	In2306	ppm	0.4875	0.0054	1.114	0.4913	0.4836
Cr2677	267.716 {1	Y_3600	ppm	0.4977	0.0045	0.9078	0.5009	0.4945
Cu3247	324.754 {1	Y_3600	ppm	0.4844	0.0011	0.2361	0.4836	0.4852
Fe2404	240.488 {1	In2306	ppm	2.336	0.0816	3.491	2.278	2.394
K_7664	766.490 { 4	Y_3710	ppm	13.07	0.0446	0.3411	13.11	13.04
K_7698	769.896 { 4	Y_3710	ppm	13.17	0.0215	0.1636	13.15	13.18
Li6707	670.784 { 5	Y_3710	ppm	0.5133	0.0014	0.263	0.5142	0.5123
Mg2790	279.079 {1	Y_3710	ppm	4.92	0.0673	1.368	4.967	4.872
Mn2576	257.610 {1	Y_3600	ppm	0.4866	0.0004	0.0792	0.4869	0.4864
Mn2576-2	257.610 {1	Y_3710	ppm	0.4654	0.0023	0.5005	0.467	0.4637
Mo2020	202.030 {4	Y_2243	ppm	0.4768	0.0064	1.337	0.4813	0.4723
Na5895	589.592 { 5	Y_3710	ppm	13.23	0.1118	0.8452	13.31	13.15
Na8183	818.326 { 4	Y_3710	ppm	12.83	0.128	0.9974	12.93	12.74
Ni2316	231.604 {4	In2306	ppm	0.4739	0.0059	1.238	0.4781	0.4698
P_1782	178.284 {4	In2306	ppm	0.0047	0.0009	18.4	0.0041	0.0053
Pb2203	220.353 {4	In2306	ppm	0.4784	0.0076	1.59	0.4838	0.473
S_1820	182.034 {4	Y_2243	ppm	-66.89	30.63	45.8	-45.23	-88.55
Sb2068	206.833 {4	Y_2243	ppm	0.4632	0.0048	1.027	0.4666	0.4598
Se1960	196.090 {4	Y_2243	ppm	0.4781	0.0021	0.4452	0.4796	0.4766
Si2516	251.611 {1	Y_3710	ppm	0.8207	0.016	1.948	0.832	0.8094
Sn1899	189.989 {4	In2306	ppm	0.4961	0.0075	1.522	0.5014	0.4907
Sr4215	421.552 { 8	Y_3710	ppm	0.2439	0.0001	0.0284	0.244	0.2439
Ti3349	334.904 {1	Y_3600	ppm	0.5072	0.0004	0.0864	0.5075	0.5068
Tl1908	190.856 {4	In2306	ppm	0.48	0.0168	3.501	0.4919	0.4681
V_2924	292.402 {1	Y_3600	ppm	0.5051	0.0002	0.0315	0.5052	0.505
Zn2062	206.200 {4	In2306	ppm	0.485	0.006	1.227	0.4892	0.4808

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.79	1.105	1.7323	64.571	63.009
In2306	230.606 {4	Cts/S	9504	116.06	1.2211	9586.1	9421.9
Y_2243	224.306 {4	Cts/S	12601	111.42	0.88421	12679	12522
Y_3600	360.073 { 9	Cts/S	47156	26.488	0.05617	47175	47137
Y_3710	371.030 { 9	Cts/S	8529.7	17.222	0.2019	8517.5	8541.9

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:42:39
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0001	1.375	0.0047	0.0046
Al3082	308.215 {1	In2306	ppm	0.0657	0.0117	17.74	0.074	0.0575
As1890	189.042 {4	Y_2243	ppm	0.0092	0.0001	0.9143	0.0093	0.0091
B_2496	249.678 {1	Y_3710	ppm	0.0061	0.0043	70.44	0.0031	0.0092

Ba4554	455.403 { 7	Y_3710	ppm	0.0095	0.0001	0.5619	0.0094	0.0095
Be3130	313.042 {1	Y_3710	ppm	0.0046	0.0001	3.157	0.0047	0.0045
Ca3158	315.887 {1	In2306	ppm	0.0925	0.0028	3.049	0.0905	0.0945
Ca3181	318.128 {1	In2306	ppm	0.2579	0.0492	19.07	0.2927	0.2231
Cd2288	228.802 {4	Y_2243	ppm	0.005	0.0005	9.387	0.0047	0.0054
Co2286	228.616 {4	In2306	ppm	0.01	0.0004	3.754	0.0098	0.0103
Cr2677	267.716 {1	Y_3600	ppm	0.0095	0	0.2282	0.0095	0.0095
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0003	3.536	0.0084	0.0088
Fe2404	240.488 {1	In2306	ppm	0.0897	0.0182	20.23	0.1026	0.0769
K_7664	766.490 { 4	Y_3710	ppm	0.6231	0.0233	3.731	0.6396	0.6067
K_7698	769.896 { 4	Y_3710	ppm	0.3371	0.0415	12.32	0.3664	0.3077
Li6707	670.784 { 5	Y_3710	ppm	0.0095	0.0001	1.209	0.0095	0.0094
Mg2790	279.079 {1	Y_3710	ppm	0.0793	0.0242	30.5	0.0622	0.0963
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0	0.3287	0.0101	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0104	0.0026	24.59	0.0086	0.0122
Mo2020	202.030 {4	Y_2243	ppm	0.011	0.0007	6.04	0.0105	0.0114
Na5895	589.592 { 5	Y_3710	ppm	0.7561	0.0127	1.683	0.7651	0.7471
Na8183	818.326 { 4	Y_3710	ppm	0.6254	0.0913	14.6	0.6899	0.5608
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0007	7.108	0.0096	0.0106
P_1782	178.284 {4	In2306	ppm	0.0122	0.0001	0.918	0.0123	0.0121
Pb2203	220.353 {4	In2306	ppm	0.0106	0.0006	5.839	0.0102	0.011
S_1820	182.034 {4	Y_2243	ppm	-0.5811	0.03	5.156	-0.5599	-0.6023
Sb2068	206.833 {4	Y_2243	ppm	0.0156	0.0005	3.186	0.0153	0.016
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0002	2.33	0.0099	0.0095
Si2516	251.611 {1	Y_3710	ppm	-0.0075	0.0032	42.92	-0.0098	-0.0052
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0005	4.807	0.0098	0.0104
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0003	5.456	0.0049	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0097	0.0002	1.895	0.0098	0.0096
Tl1908	190.856 {4	In2306	ppm	0.0123	0.0015	11.81	0.0113	0.0133
V_2924	292.402 {1	Y_3600	ppm	0.0101	0.0004	4.069	0.0104	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0088	0.0005	5.525	0.0085	0.0092

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.937	1.4889	2.3657	61.884	63.99
In2306	230.606 {4	Cts/S	10197	15.848	0.15541	10208	10186
Y_2243	224.306 {4	Cts/S	12903	20.083	0.15565	12917	12889
Y_3600	360.073 { 9	Cts/S	46429	23.658	0.05095	46446	46413
Y_3710	371.030 { 9	Cts/S	8757.5	67.448	0.77018	8709.8	8805.2

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:45:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0	4.327	0.0004	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0399	0.031	77.73	-0.0618	-0.018
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0009	136.1	0	0.0013

B_2496	249.678 {1	Y_3710	ppm	0.0016	0.0003	18.83	0.0014	0.0018
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0	54.81	0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0002	75.76	-0.0003	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0084	0.0063	75.08	-0.0129	-0.0039
Ca3181	318.128 {1	In2306	ppm	0.1019	0.0407	39.92	0.0731	0.1307
Cd2288	228.802 {4	Y_2243	ppm	0	0.0002	424.4	-0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	81.59	0.0001	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	47.09	0.0003	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	3.407	-0.0016	-0.0015
Fe2404	240.488 {1	In2306	ppm	-0.004	0.0019	47.75	-0.0026	-0.0053
K_7664	766.490 { 4	Y_3710	ppm	0.0254	0.0019	7.4	0.0267	0.024
K_7698	769.896 { 4	Y_3710	ppm	-0.0302	0.0012	4.087	-0.0311	-0.0293
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0	4.953	0.0003	0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0217	0.0086	39.58	-0.0278	-0.0157
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	14.91	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0006	0.0006	90.98	-0.0002	-0.001
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0003	63.01	0.0002	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.0726	0.0049	6.79	0.0761	0.0691
Na8183	818.326 { 4	Y_3710	ppm	0.1754	0.0566	32.27	0.1354	0.2154
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	92.49	0	0.0002
P_1782	178.284 {4	In2306	ppm	0.0008	0.0007	85.77	0.0012	0.0003
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0004	127.9	0	0.0006
S_1820	182.034 {4	Y_2243	ppm	-0.9523	0.1762	18.5	-0.8277	-1.077
Sb2068	206.833 {4	Y_2243	ppm	0.0046	0.0009	19	0.004	0.0052
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0002	14.77	-0.0012	-0.0015
Si2516	251.611 {1	Y_3710	ppm	-0.0074	0.0211	283.4	-0.0224	0.0075
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0002	397.6	-0.0001	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	44.41	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0002	29.27	-0.0007	-0.0005
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0003	47.83	0.0009	0.0004
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0001	81.82	-0.0002	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0002	75.3	0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.16	0.11998	0.19943	60.245	60.076
In2306	230.606 {4	Cts/S	10174	18.284	0.17972	10187	10161
Y_2243	224.306 {4	Cts/S	12894	36.113	0.28007	12920	12869
Y_3600	360.073 { 9	Cts/S	45323	30.69	0.06771	45301	45344
Y_3710	371.030 { 9	Cts/S	8423.6	81.736	0.97032	8365.8	8481.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:47:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	21.06	0.0004	0.0005
Al3082	308.215 {1	In2306	ppm	0.2448	0.0081	3.317	0.239	0.2505

As1890	189.042 {4	Y_2243	ppm	0.0003	0.0012	407.8	0.0011	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.8167	0.0219	2.678	0.8013	0.8322
Ba4554	455.403 { 7	Y_3710	ppm	0.0433	0.0001	0.2061	0.0433	0.0432
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	33.76	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	150.8	1.044	0.6923	151.5	150
Ca3181	318.128 {1	In2306	ppm	153	0.9585	0.6265	153.7	152.3
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	16.24	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.001	0.0002	19.04	0.0008	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0007	36.01	0.0015	0.0026
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	11.54	-0.0022	-0.0019
Fe2404	240.488 {1	In2306	ppm	0.1552	0.0178	11.49	0.1678	0.1426
K_7664	766.490 { 4	Y_3710	ppm	1.74	0.0348	1.998	1.716	1.765
K_7698	769.896 { 4	Y_3710	ppm	1.547	0.0579	3.745	1.506	1.588
Li6707	670.784 { 5	Y_3710	ppm	0.025	0.001	3.87	0.0243	0.0257
Mg2790	279.079 {1	Y_3710	ppm	194.8	0.3015	0.1548	195	194.5
Mn2576	257.610 {1	Y_3600	ppm	0.9318	0.0039	0.4154	0.9291	0.9345
Mn2576-2	257.610 {1	Y_3710	ppm	0.9856	0.0014	0.1423	0.9866	0.9846
Mo2020	202.030 {4	Y_2243	ppm	0.0016	0.0002	15.39	0.0014	0.0017
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2071	26.13	1.262	2053	2090
Ni2316	231.604 {4	In2306	ppm	0.0034	0	0.8725	0.0033	0.0034
P_1782	178.284 {4	In2306	ppm	0.2906	0.0001	0.0201	0.2905	0.2906
Pb2203	220.353 {4	In2306	ppm	-0.0001	0	28.24	-0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-5719	19.33	0.338	-5732	-5705
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0014	225.7	0.0016	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0002	18.54	0.001	0.0013
Si2516	251.611 {1	Y_3710	ppm	8.838	0.0887	1.004	8.775	8.9
Sn1899	189.989 {4	In2306	ppm	0.0004	0	2.386	0.0004	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	1.86	0.0128	0.6871	1.851	1.869
Ti3349	334.904 {1	Y_3600	ppm	0.0044	0.0014	32.82	0.0054	0.0034
Tl1908	190.856 {4	In2306	ppm	-0.0028	0.0007	23.56	-0.0033	-0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	22.26	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0046	0.0001	1.882	0.0046	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.343	0.1653	0.29338	56.46	56.226
In2306	230.606 {4	Cts/S	6615.9	9.8627	0.14907	6622.9	6609
Y_2243	224.306 {4	Cts/S	10002	16.122	0.16119	10013	9990.6
Y_3600	360.073 { 9	Cts/S	48716	68.765	0.14115	48765	48667
Y_3710	371.030 { 9	Cts/S	7965	38.957	0.4891	7992.5	7937.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:50:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5592	0.0018	0.3304	0.5605	0.5579

Al3082	308.215 {1	In2306	ppm	11.51	0.0964	0.8375	11.58	11.44
As1890	189.042 {4	Y_2243	ppm	1.084	0.001	0.0938	1.083	1.084
B_2496	249.678 {1	Y_3710	ppm	1.881	0.0003	0.0181	1.881	1.88
Ba4554	455.403 { 7	Y_3710	ppm	0.9899	0.0018	0.1815	0.9886	0.9911
Be3130	313.042 {1	Y_3710	ppm	0.4819	0.0004	0.0902	0.4822	0.4816
Ca3158	315.887 {1	In2306	ppm	161.5	0.0221	0.0137	161.5	161.5
Ca3181	318.128 {1	In2306	ppm	164.9	0.0065	0.004	164.9	164.9
Cd2288	228.802 {4	Y_2243	ppm	0.5557	0.003	0.543	0.5578	0.5536
Co2286	228.616 {4	In2306	ppm	1.03	0.006	0.5859	1.034	1.025
Cr2677	267.716 {1	Y_3600	ppm	0.9131	0.0041	0.4438	0.916	0.9102
Cu3247	324.754 {1	Y_3600	ppm	1.141	0.0016	0.1429	1.142	1.14
Fe2404	240.488 {1	In2306	ppm	10.46	0.0967	0.9246	10.53	10.39
K_7664	766.490 { 4	Y_3710	ppm	12.48	0.0389	0.3117	12.51	12.45
K_7698	769.896 { 4	Y_3710	ppm	12.86	0.0749	0.5821	12.92	12.81
Li6707	670.784 { 5	Y_3710	ppm	0.4906	0.0014	0.2821	0.4916	0.4896
Mg2790	279.079 {1	Y_3710	ppm	205.2	0.7448	0.3629	204.7	205.8
Mn2576	257.610 {1	Y_3600	ppm	1.836	0.0053	0.2894	1.84	1.832
Mn2576-2	257.610 {1	Y_3710	ppm	1.919	0.0092	0.4819	1.926	1.912
Mo2020	202.030 {4	Y_2243	ppm	0.9176	0.0094	1.025	0.9242	0.9109
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2160	0.0936	0.0043	2160	2160
Ni2316	231.604 {4	In2306	ppm	0.9876	0.0052	0.5268	0.9913	0.984
P_1782	178.284 {4	In2306	ppm	0.2805	0.0014	0.4971	0.2795	0.2815
Pb2203	220.353 {4	In2306	ppm	0.9636	0.0072	0.7458	0.9687	0.9585
S_1820	182.034 {4	Y_2243	ppm	-5755	13.21	0.2295	-5764	-5745
Sb2068	206.833 {4	Y_2243	ppm	1.037	0.0064	0.6204	1.041	1.032
Se1960	196.090 {4	Y_2243	ppm	1.092	0.002	0.1813	1.093	1.09
Si2516	251.611 {1	Y_3710	ppm	10.17	0.0585	0.5751	10.21	10.13
Sn1899	189.989 {4	In2306	ppm	1.053	0.0069	0.653	1.058	1.048
Sr4215	421.552 { 8	Y_3710	ppm	2.36	0.0016	0.0671	2.359	2.361
Ti3349	334.904 {1	Y_3600	ppm	0.989	0.0073	0.7333	0.9942	0.9839
Tl1908	190.856 {4	In2306	ppm	0.9199	0.0148	1.604	0.9303	0.9094
V_2924	292.402 {1	Y_3600	ppm	0.9802	0.0028	0.2842	0.9822	0.9782
Zn2062	206.200 {4	In2306	ppm	1.084	0.0087	0.8043	1.09	1.077

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.284	0.24772	0.45633	54.109	54.459
In2306	230.606 {4	Cts/S	6493.8	20.065	0.30898	6508	6479.7
Y_2243	224.306 {4	Cts/S	9932.7	29.618	0.29819	9953.7	9911.8
Y_3600	360.073 { 9	Cts/S	47795	307.04	0.6424	47578	48012
Y_3710	371.030 { 9	Cts/S	7809.8	10.823	0.13858	7802.1	7817.4

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SampleName=600-48796-C-1-D MSD
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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:52:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.5619	0.0003	0.0601	0.5621	0.5616
Al3082	308.215 {1	In2306	ppm	11.31	0.2099	1.856	11.16	11.45
As1890	189.042 {4	Y_2243	ppm	1.088	0.0009	0.0805	1.089	1.088
B_2496	249.678 {1	Y_3710	ppm	1.897	0.0108	0.5683	1.904	1.889
Ba4554	455.403 { 7	Y_3710	ppm	0.9995	0.0054	0.5417	1.003	0.9957
Be3130	313.042 {1	Y_3710	ppm	0.49	0.0028	0.5703	0.488	0.492
Ca3158	315.887 {1	In2306	ppm	161.8	2.907	1.797	159.7	163.8
Ca3181	318.128 {1	In2306	ppm	164.6	3.283	1.995	162.3	166.9
Cd2288	228.802 {4	Y_2243	ppm	0.5639	0.0004	0.0621	0.5641	0.5636
Co2286	228.616 {4	In2306	ppm	1.044	0.0037	0.3566	1.046	1.041
Cr2677	267.716 {1	Y_3600	ppm	0.9337	0.0029	0.3089	0.9316	0.9357
Cu3247	324.754 {1	Y_3600	ppm	1.161	0.0001	0.0048	1.161	1.161
Fe2404	240.488 {1	In2306	ppm	10.52	0.2472	2.349	10.35	10.7
K_7664	766.490 { 4	Y_3710	ppm	12.49	0.1209	0.9683	12.57	12.4
K_7698	769.896 { 4	Y_3710	ppm	12.8	0.1184	0.9257	12.88	12.71
Li6707	670.784 { 5	Y_3710	ppm	0.486	0.0074	1.515	0.4912	0.4808
Mg2790	279.079 {1	Y_3710	ppm	209	1.814	0.8681	207.7	210.3
Mn2576	257.610 {1	Y_3600	ppm	1.859	0.0054	0.2922	1.863	1.855
Mn2576-2	257.610 {1	Y_3710	ppm	1.961	0.0067	0.3392	1.956	1.965
Mo2020	202.030 {4	Y_2243	ppm	0.9252	0.0026	0.2834	0.9271	0.9234
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2163	16.39	0.7577	2174	2151
Ni2316	231.604 {4	In2306	ppm	0.9931	0.0014	0.1431	0.9921	0.9941
P_1782	178.284 {4	In2306	ppm	0.2855	0.0003	0.1023	0.2857	0.2853
Pb2203	220.353 {4	In2306	ppm	0.9712	0.0005	0.0488	0.9715	0.9708
S_1820	182.034 {4	Y_2243	ppm	-5750	3.089	0.0537	-5752	-5748
Sb2068	206.833 {4	Y_2243	ppm	1.061	0.0004	0.0331	1.061	1.061
Se1960	196.090 {4	Y_2243	ppm	1.101	0.0017	0.1581	1.099	1.102
Si2516	251.611 {1	Y_3710	ppm	10.21	0.0239	0.234	10.19	10.22
Sn1899	189.989 {4	In2306	ppm	1.068	0.0068	0.6362	1.073	1.063
Sr4215	421.552 { 8	Y_3710	ppm	2.376	0.0022	0.0924	2.377	2.374
Ti3349	334.904 {1	Y_3600	ppm	1.016	0.0017	0.1664	1.015	1.017
Tl1908	190.856 {4	In2306	ppm	0.9492	0.016	1.681	0.9605	0.9379
V_2924	292.402 {1	Y_3600	ppm	1.01	0.004	0.3974	1.013	1.008
Zn2062	206.200 {4	In2306	ppm	1.099	0.0066	0.5986	1.104	1.094

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.258	0.6447	1.1667	55.714	54.802
In2306	230.606 {4	Cts/S	6476.1	7.7022	0.11893	6481.5	6470.6
Y_2243	224.306 {4	Cts/S	9939.9	29.277	0.29454	9960.6	9919.2
Y_3600	360.073 { 9	Cts/S	47504	144.18	0.30351	47605	47402
Y_3710	371.030 { 9	Cts/S	7793.5	15.07	0.19337	7804.2	7782.8

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0008	0.0005	61.08	0.0012	0.0005
Al3082	308.215	{1	In2306	ppm	0.0902	0.0765	84.76	0.0362	0.1443
As1890	189.042	{4	Y_2243	ppm	0.1219	0.0956	78.37	0.0544	0.1895
B_2496	249.678	{1	Y_3710	ppm	0.6629	0.012	1.817	0.6714	0.6544
Ba4554	455.403	{ 7	Y_3710	ppm	0.1191	0.0002	0.2095	0.1192	0.1189
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0.0001	58.12	-0.0001	-0.0002
Ca3158	315.887	{1	In2306	ppm	2319	30.98	1.336	2297	2341
Ca3181	318.128	{1	In2306	ppm	2562	32.94	1.286	2539	2585
Cd2288	228.802	{4	Y_2243	ppm	0.0654	0.0499	76.27	0.0301	0.1006
Co2286	228.616	{4	In2306	ppm	0.1059	0.0755	71.23	0.0526	0.1593
Cr2677	267.716	{1	Y_3600	ppm	0.0015	0.0013	91.06	0.0005	0.0024
Cu3247	324.754	{1	Y_3600	ppm	-0.0028	0.0001	2.928	-0.0028	-0.0029
Fe2404	240.488	{1	In2306	ppm	-0.0028	0.0107	386.1	-0.0104	0.0048
K_7664	766.490	{ 4	Y_3710	ppm	24.95	0.0465	0.1865	24.98	24.91
K_7698	769.896	{ 4	Y_3710	ppm	26.4	0.0381	0.1442	26.43	26.38
Li6707	670.784	{ 5	Y_3710	ppm	0.3568	0.0009	0.2524	0.3575	0.3562
Mg2790	279.079	{1	Y_3710	ppm	976.9	2.783	0.2849	974.9	978.9
Mn2576	257.610	{1	Y_3600	ppm	6.76	0.0259	0.3824	6.778	6.741
Mn2576-2	257.610	{1	Y_3710	ppm	7.627	0.0079	0.1035	7.621	7.633
Mo2020	202.030	{4	Y_2243	ppm	0.0998	0.0681	68.26	0.0516	0.148
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	4042	24.09	0.5961	4025	4059
Ni2316	231.604	{4	In2306	ppm	0.0986	0.0704	71.38	0.0488	0.1484
P_1782	178.284	{4	In2306	ppm	0.0611	0.0174	28.45	0.0488	0.0734
Pb2203	220.353	{4	In2306	ppm	0.0919	0.077	83.83	0.0374	0.1463
S_1820	182.034	{4	Y_2243	ppm	-20970	1509	7.193	-22040	-19910
Sb2068	206.833	{4	Y_2243	ppm	0.1267	0.0819	64.63	0.0688	0.1846
Se1960	196.090	{4	Y_2243	ppm	0.1262	0.1023	81.1	0.0538	0.1986
Si2516	251.611	{1	Y_3710	ppm	8.619	0.0031	0.0358	8.621	8.617
Sn1899	189.989	{4	In2306	ppm	0.1055	0.0722	68.48	0.0544	0.1565
Sr4215	421.552	{ 8	Y_3710	ppm	13.85	0.1192	0.8605	13.77	13.94
Ti3349	334.904	{1	Y_3600	ppm	0.017	0.0005	2.919	0.0167	0.0174
Tl1908	190.856	{4	In2306	ppm	0.0943	0.0752	79.71	0.0412	0.1475
V_2924	292.402	{1	Y_3600	ppm	-0.0055	0.0005	9.793	-0.0059	-0.0051
Zn2062	206.200	{4	In2306	ppm	0.1117	0.0764	68.38	0.0577	0.1658

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.635	0.30279	0.59798	50.849	50.421
In2306	230.606	{4	Cts/S	5042.9	76.744	1.5218	4988.6	5097.2
Y_2243	224.306	{4	Cts/S	7817.8	100.28	1.2827	7746.9	7888.7
Y_3600	360.073	{ 9	Cts/S	44352	78.324	0.1766	44408	44297
Y_3710	371.030	{ 9	Cts/S	7176.7	11.775	0.16407	7168.4	7185

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.001	790.5	0.0008	-0.0006
Al3082	308.215	{1	In2306	ppm	0.0306	0.0044	14.23	0.0276	0.0337
As1890	189.042	{4	Y_2243	ppm	0.0239	0.0032	13.4	0.0216	0.0262
B_2496	249.678	{1	Y_3710	ppm	1.028	0.015	1.455	1.039	1.017
Ba4554	455.403	{ 7	Y_3710	ppm	0.1094	0.0006	0.5835	0.1099	0.109
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	140.6	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	997.4	18.73	1.878	984.2	1011
Ca3181	318.128	{1	In2306	ppm	1034	21.6	2.089	1019	1050
Cd2288	228.802	{4	Y_2243	ppm	0.0024	0.0025	104.9	0.0006	0.0042
Co2286	228.616	{4	In2306	ppm	0.004	0.0045	112.8	0.0008	0.0072
Cr2677	267.716	{1	Y_3600	ppm	0.0012	0.0005	40.35	0.0016	0.0009
Cu3247	324.754	{1	Y_3600	ppm	-0.0032	0.0003	9.624	-0.003	-0.0034
Fe2404	240.488	{1	In2306	ppm	10.66	0.2275	2.135	10.49	10.82
K_7664	766.490	{ 4	Y_3710	ppm	20.28	0.1805	0.89	20.41	20.16
K_7698	769.896	{ 4	Y_3710	ppm	21.23	0.223	1.051	21.38	21.07
Li6707	670.784	{ 5	Y_3710	ppm	0.1981	0.0015	0.764	0.1992	0.197
Mg2790	279.079	{1	Y_3710	ppm	608	3.63	0.597	605.4	610.6
Mn2576	257.610	{1	Y_3600	ppm	3.35	0.0029	0.0854	3.348	3.352
Mn2576-2	257.610	{1	Y_3710	ppm	3.578	0.0028	0.0779	3.58	3.576
Mo2020	202.030	{4	Y_2243	ppm	0.0089	0.0037	41.36	0.0063	0.0115
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	2252	9.428	0.4187	2258	2245
Ni2316	231.604	{4	In2306	ppm	0.0044	0.0045	102.4	0.0012	0.0076
P_1782	178.284	{4	In2306	ppm	0.1379	0.0052	3.751	0.1416	0.1343
Pb2203	220.353	{4	In2306	ppm	0.0013	0.0021	165.7	-0.0002	0.0027
S_1820	182.034	{4	Y_2243	ppm	-6880	75.53	1.098	-6933	-6826
Sb2068	206.833	{4	Y_2243	ppm	0.0054	0.0042	77.89	0.0024	0.0084
Se1960	196.090	{4	Y_2243	ppm	0.0066	0.0054	82.84	0.0027	0.0104
Si2516	251.611	{1	Y_3710	ppm	9.447	0.0237	0.2511	9.431	9.464
Sn1899	189.989	{4	In2306	ppm	0.0049	0.0053	107.4	0.0012	0.0086
Sr4215	421.552	{ 8	Y_3710	ppm	8.619	0.0318	0.3688	8.596	8.641
Ti3349	334.904	{1	Y_3600	ppm	0.0059	0.0007	11.8	0.0064	0.0054
Tl1908	190.856	{4	In2306	ppm	-0.0003	0.0048	1762	-0.0037	0.0032
V_2924	292.402	{1	Y_3600	ppm	-0.0048	0.0002	4.927	-0.0046	-0.005
Zn2062	206.200	{4	In2306	ppm	0.0118	0.0044	37.2	0.0087	0.0149

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.959	0.82155	1.6122	51.54	50.378
In2306	230.606	{4	Cts/S	6000.4	133.35	2.2224	5906.1	6094.7
Y_2243	224.306	{4	Cts/S	9147.1	198.55	2.1706	9006.7	9287.5
Y_3600	360.073	{ 9	Cts/S	46511	115.32	0.24794	46430	46593
Y_3710	371.030	{ 9	Cts/S	7561.9	2.2449	0.02969	7563.5	7560.3

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0003	0.0003	112.4	-0.0005	-0.0001
Al3082	308.215	{1	In2306	ppm	0.0974	0.03	30.78	0.1185	0.0762
As1890	189.042	{4	Y_2243	ppm	-0.0011	0.0009	76.5	-0.0005	-0.0018
B_2496	249.678	{1	Y_3710	ppm	0.5946	0.0089	1.495	0.5883	0.6009
Ba4554	455.403	{ 7	Y_3710	ppm	0.0615	0.0005	0.7361	0.0612	0.0619
Be3130	313.042	{1	Y_3710	ppm	-0.0003	0	5.105	-0.0002	-0.0003
Ca3158	315.887	{1	In2306	ppm	150.6	1.361	0.9042	151.5	149.6
Ca3181	318.128	{1	In2306	ppm	153.3	1.129	0.7367	154.1	152.5
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0.0001	29.61	0.0002	0.0003
Co2286	228.616	{4	In2306	ppm	0.0001	0.0004	345.7	-0.0002	0.0004
Cr2677	267.716	{1	Y_3600	ppm	0.0004	0.0004	91.59	0.0007	0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0024	0	0.1665	-0.0023	-0.0024
Fe2404	240.488	{1	In2306	ppm	0.041	0.0272	66.25	0.0602	0.0218
K_7664	766.490	{ 4	Y_3710	ppm	1.899	0.0213	1.123	1.884	1.915
K_7698	769.896	{ 4	Y_3710	ppm	1.708	0.0384	2.248	1.681	1.735
Li6707	670.784	{ 5	Y_3710	ppm	0.0241	0.0006	2.298	0.0237	0.0245
Mg2790	279.079	{1	Y_3710	ppm	146.6	0.6951	0.4741	147.1	146.1
Mn2576	257.610	{1	Y_3600	ppm	0.1134	0.0001	0.1023	0.1134	0.1135
Mn2576-2	257.610	{1	Y_3710	ppm	0.1146	0.0001	0.0812	0.1146	0.1145
Mo2020	202.030	{4	Y_2243	ppm	0.0013	0.0002	16.72	0.0012	0.0015
Na5895	589.592	{ 5	Y_3710	ppm	892.4	23.63	2.648	875.7	909.1
Na8183	818.326	{ 4	Y_3710	ppm	1423	14.58	1.024	1413	1434
Ni2316	231.604	{4	In2306	ppm	0.002	0	0.362	0.002	0.002
P_1782	178.284	{4	In2306	ppm	0.2922	0	0.0145	0.2921	0.2922
Pb2203	220.353	{4	In2306	ppm	-0.0005	0.0006	123.7	-0.0009	-0.0001
S_1820	182.034	{4	Y_2243	ppm	-3093	6.915	0.2235	-3089	-3098
Sb2068	206.833	{4	Y_2243	ppm	0.0017	0.0001	8.511	0.0018	0.0016
Se1960	196.090	{4	Y_2243	ppm	-0.0005	0.0015	285.9	-0.0016	0.0005
Si2516	251.611	{1	Y_3710	ppm	7.172	0.0046	0.0648	7.169	7.175
Sn1899	189.989	{4	In2306	ppm	-0.0002	0.0002	127.1	-0.0003	0
Sr4215	421.552	{ 8	Y_3710	ppm	1.44	0.0014	0.0943	1.439	1.441
Ti3349	334.904	{1	Y_3600	ppm	0.0019	0.0001	4.707	0.002	0.0018
Tl1908	190.856	{4	In2306	ppm	-0.0006	0.0016	269.8	0.0005	-0.0017
V_2924	292.402	{1	Y_3600	ppm	-0.0001	0.0001	59.24	-0.0001	-0.0002
Zn2062	206.200	{4	In2306	ppm	0.0058	0	0.2747	0.0058	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	55.871	0.17665	0.31618	55.996	55.746
In2306	230.606	{4	Cts/S	6917.2	2.4106	0.03485	6918.9	6915.5
Y_2243	224.306	{4	Cts/S	10264	10.956	0.10674	10256	10272
Y_3600	360.073	{ 9	Cts/S	48197	82.519	0.17121	48139	48255
Y_3710	371.030	{ 9	Cts/S	7901.6	0.84792	0.01073	7902.2	7901

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Custom ID3=
Run Time=1/25/2012 10:03:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5508	0.0004	0.0692	0.5511	0.5506
Al3082	308.215 {1	In2306	ppm	11.81	0.1171	0.9923	11.89	11.72
As1890	189.042 {4	Y_2243	ppm	1.082	0.0018	0.1624	1.08	1.083
B_2496	249.678 {1	Y_3710	ppm	1.841	0.0121	0.6546	1.85	1.833
Ba4554	455.403 { 7	Y_3710	ppm	1.005	0.0019	0.1916	1.007	1.004
Be3130	313.042 {1	Y_3710	ppm	0.4728	0.0031	0.6648	0.475	0.4706
Ca3158	315.887 {1	In2306	ppm	164.3	2.195	1.337	165.8	162.7
Ca3181	318.128 {1	In2306	ppm	167.2	2.438	1.458	168.9	165.5
Cd2288	228.802 {4	Y_2243	ppm	0.5581	0.0004	0.0749	0.5584	0.5578
Co2286	228.616 {4	In2306	ppm	1.029	0.0009	0.083	1.029	1.028
Cr2677	267.716 {1	Y_3600	ppm	0.9193	0.0002	0.0263	0.9195	0.9192
Cu3247	324.754 {1	Y_3600	ppm	1.14	0.0067	0.59	1.135	1.145
Fe2404	240.488 {1	In2306	ppm	10.59	0.0722	0.6818	10.64	10.54
K_7664	766.490 { 4	Y_3710	ppm	12.78	0.0057	0.0448	12.78	12.78
K_7698	769.896 { 4	Y_3710	ppm	13.14	0.0447	0.3403	13.1	13.17
Li6707	670.784 { 5	Y_3710	ppm	0.9819	0.0003	0.0296	0.9821	0.9817
Mg2790	279.079 {1	Y_3710	ppm	200.5	1.695	0.8454	201.7	199.3
Mn2576	257.610 {1	Y_3600	ppm	1.842	0.0065	0.3533	1.847	1.838
Mn2576-2	257.610 {1	Y_3710	ppm	1.899	0.0092	0.4857	1.905	1.892
Mo2020	202.030 {4	Y_2243	ppm	0.9042	0.0021	0.23	0.9056	0.9027
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2167	3.058	0.1411	2170	2165
Ni2316	231.604 {4	In2306	ppm	0.9886	0.0025	0.2576	0.9904	0.9868
P_1782	178.284 {4	In2306	ppm	1.609	0.006	0.3758	1.613	1.605
Pb2203	220.353 {4	In2306	ppm	0.9646	0.0008	0.0845	0.9651	0.964
S_1820	182.034 {4	Y_2243	ppm	-5625	2.429	0.0432	-5626	-5623
Sb2068	206.833 {4	Y_2243	ppm	1.052	0.0001	0.011	1.052	1.052
Se1960	196.090 {4	Y_2243	ppm	1.078	0.0017	0.161	1.08	1.077
Si2516	251.611 {1	Y_3710	ppm	9.789	0.0386	0.3946	9.816	9.761
Sn1899	189.989 {4	In2306	ppm	1.041	0.0033	0.3186	1.044	1.039
Sr4215	421.552 { 8	Y_3710	ppm	2.337	0.0058	0.2477	2.341	2.333
Ti3349	334.904 {1	Y_3600	ppm	0.9928	0.0023	0.2283	0.9944	0.9912
Tl1908	190.856 {4	In2306	ppm	0.9242	0.0091	0.9823	0.9307	0.9178
V_2924	292.402 {1	Y_3600	ppm	0.9771	0.0034	0.3458	0.9748	0.9795
Zn2062	206.200 {4	In2306	ppm	1.09	0.0002	0.0192	1.09	1.091

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.789	0.62577	1.2083	51.347	52.232
In2306	230.606 {4	Cts/S	6478	15.277	0.23583	6467.2	6488.8
Y_2243	224.306 {4	Cts/S	9941.9	20.828	0.2095	9927.2	9956.6
Y_3600	360.073 { 9	Cts/S	47467	48.992	0.10321	47501	47432
Y_3710	371.030 { 9	Cts/S	7728.1	31.919	0.41302	7705.5	7750.7

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=sd 600-48796-C-1-A@5
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:05:57
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0002	330.7	-0.0002	0.0001
Al3082	308.215	{1	In2306	ppm	0.0667	0.0161	24.11	0.0781	0.0554
As1890	189.042	{4	Y_2243	ppm	0.002	0.004	200.2	-0.0008	0.0048
B_2496	249.678	{1	Y_3710	ppm	0.1631	0.0035	2.153	0.1607	0.1656
Ba4554	455.403	{ 7	Y_3710	ppm	0.0094	0	0.3417	0.0094	0.0094
Be3130	313.042	{1	Y_3710	ppm	0	0	61.94	0	0.0001
Ca3158	315.887	{1	In2306	ppm	29.56	0.2934	0.9925	29.35	29.77
Ca3181	318.128	{1	In2306	ppm	29.85	0.41	1.373	29.56	30.14
Cd2288	228.802	{4	Y_2243	ppm	0.0022	0.0027	123.7	0.0003	0.0041
Co2286	228.616	{4	In2306	ppm	0.0048	0.006	126.7	0.0005	0.009
Cr2677	267.716	{1	Y_3600	ppm	0.0003	0.0001	31.18	0.0004	0.0003
Cu3247	324.754	{1	Y_3600	ppm	-0.0026	0.0002	9.063	-0.0027	-0.0024
Fe2404	240.488	{1	In2306	ppm	0.0214	0.0097	45.42	0.0282	0.0145
K_7664	766.490	{ 4	Y_3710	ppm	0.3967	0.0104	2.619	0.4041	0.3894
K_7698	769.896	{ 4	Y_3710	ppm	0.1048	0.0102	9.737	0.1121	0.0976
Li6707	670.784	{ 5	Y_3710	ppm	0.0053	0.0006	10.94	0.0057	0.0049
Mg2790	279.079	{1	Y_3710	ppm	36.92	0.1807	0.4894	37.05	36.79
Mn2576	257.610	{1	Y_3600	ppm	0.1961	0.0001	0.03	0.1961	0.1961
Mn2576-2	257.610	{1	Y_3710	ppm	0.1935	0.0029	1.484	0.1955	0.1914
Mo2020	202.030	{4	Y_2243	ppm	0.0074	0.0068	92.96	0.0025	0.0122
Na5895	589.592	{ 5	Y_3710	ppm	319.2	3.718	1.165	316.6	321.8
Na8183	818.326	{ 4	Y_3710	ppm	411	0.8654	0.2106	411.6	410.4
Ni2316	231.604	{4	In2306	ppm	0.0051	0.0058	112.8	0.001	0.0092
P_1782	178.284	{4	In2306	ppm	0.0639	0.0068	10.61	0.0591	0.0687
Pb2203	220.353	{4	In2306	ppm	0.0025	0.0035	138.1	0.0001	0.005
S_1820	182.034	{4	Y_2243	ppm	-1089	19.21	1.764	-1075	-1103
Sb2068	206.833	{4	Y_2243	ppm	0.014	0.0056	39.97	0.0101	0.018
Se1960	196.090	{4	Y_2243	ppm	0.0032	0.004	124.4	0.0004	0.0061
Si2516	251.611	{1	Y_3710	ppm	1.616	0.029	1.795	1.596	1.637
Sn1899	189.989	{4	In2306	ppm	0.0064	0.0075	116.9	0.0011	0.0117
Sr4215	421.552	{ 8	Y_3710	ppm	0.3762	0	0.0111	0.3761	0.3762
Ti3349	334.904	{1	Y_3600	ppm	0.0028	0.0003	9.099	0.0027	0.003
Tl1908	190.856	{4	In2306	ppm	0.0117	0.0088	75.23	0.0055	0.0179
V_2924	292.402	{1	Y_3600	ppm	0.0003	0.0003	103.1	0.0005	0.0001
Zn2062	206.200	{4	In2306	ppm	0.0091	0.006	65.54	0.0049	0.0133

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	57.724	0.99457	1.723	58.427	57.021
In2306	230.606	{4	Cts/S	8142	5.9652	0.07327	8146.2	8137.8
Y_2243	224.306	{4	Cts/S	11512	26.197	0.22757	11530	11493
Y_3600	360.073	{ 9	Cts/S	48482	84.186	0.17364	48423	48542
Y_3710	371.030	{ 9	Cts/S	8264.2	19.575	0.23686	8250.4	8278.1

[Sample Header]
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SampleName=CCV 775456
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:08:40
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2445	0.0006	0.2611	0.244	0.2449
Al3082	308.215	{1	In2306	ppm	2.537	0.0346	1.363	2.561	2.512
As1890	189.042	{4	Y_2243	ppm	0.4725	0.0014	0.2862	0.4716	0.4735
B_2496	249.678	{1	Y_3710	ppm	0.4836	0.0051	1.048	0.4801	0.4872
Ba4554	455.403	{ 7	Y_3710	ppm	0.4809	0.0016	0.3399	0.4821	0.4798
Be3130	313.042	{1	Y_3710	ppm	0.4936	0.0014	0.2901	0.4926	0.4946
Ca3158	315.887	{1	In2306	ppm	12.66	0.2448	1.934	12.48	12.83
Ca3181	318.128	{1	In2306	ppm	12.84	0.2166	1.687	12.69	13
Cd2288	228.802	{4	Y_2243	ppm	0.4818	0.0006	0.1226	0.4822	0.4814
Co2286	228.616	{4	In2306	ppm	0.4933	0.001	0.2116	0.494	0.4925
Cr2677	267.716	{1	Y_3600	ppm	0.5001	0.0002	0.0308	0.5002	0.5
Cu3247	324.754	{1	Y_3600	ppm	0.4858	0.0013	0.2629	0.4849	0.4867
Fe2404	240.488	{1	In2306	ppm	2.484	0.022	0.886	2.468	2.499
K_7664	766.490	{ 4	Y_3710	ppm	12.76	0.3295	2.582	13	12.53
K_7698	769.896	{ 4	Y_3710	ppm	12.86	0.2994	2.329	13.07	12.64
Li6707	670.784	{ 5	Y_3710	ppm	0.4949	0.0142	2.863	0.505	0.4849
Mg2790	279.079	{1	Y_3710	ppm	4.853	0.0736	1.517	4.801	4.905
Mn2576	257.610	{1	Y_3600	ppm	0.4903	0.0006	0.1311	0.4908	0.4899
Mn2576-2	257.610	{1	Y_3710	ppm	0.4659	0.0074	1.595	0.4607	0.4712
Mo2020	202.030	{4	Y_2243	ppm	0.4808	0.0005	0.0978	0.4811	0.4804
Na5895	589.592	{ 5	Y_3710	ppm	12.74	0.351	2.756	12.98	12.49
Na8183	818.326	{ 4	Y_3710	ppm	12.59	0.1698	1.348	12.71	12.47
Ni2316	231.604	{4	In2306	ppm	0.4775	0.0012	0.2568	0.4784	0.4767
P_1782	178.284	{4	In2306	ppm	0.0029	0.0009	30.7	0.0036	0.0023
Pb2203	220.353	{4	In2306	ppm	0.483	0.0008	0.1729	0.4836	0.4824
S_1820	182.034	{4	Y_2243	ppm	-43.05	0.2854	0.6631	-42.85	-43.25
Sb2068	206.833	{4	Y_2243	ppm	0.4698	0.0008	0.1794	0.4692	0.4704
Se1960	196.090	{4	Y_2243	ppm	0.4784	0.003	0.6188	0.4763	0.4805
Si2516	251.611	{1	Y_3710	ppm	0.8067	0.0153	1.897	0.7959	0.8175
Sn1899	189.989	{4	In2306	ppm	0.5046	0.0022	0.4305	0.5061	0.5031
Sr4215	421.552	{ 8	Y_3710	ppm	0.2428	0.0002	0.0958	0.243	0.2426
Ti3349	334.904	{1	Y_3600	ppm	0.5103	0.0002	0.035	0.5102	0.5104
Tl1908	190.856	{4	In2306	ppm	0.4988	0.0052	1.034	0.5025	0.4952
V_2924	292.402	{1	Y_3600	ppm	0.5126	0.0004	0.0736	0.5123	0.5128
Zn2062	206.200	{4	In2306	ppm	0.491	0.0009	0.188	0.4916	0.4903

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	59.516	0.27993	0.47034	59.714	59.318
In2306	230.606	{4	Cts/S	9611.1	2.1392	0.02226	9609.6	9612.7
Y_2243	224.306	{4	Cts/S	12736	7.0632	0.05546	12741	12731
Y_3600	360.073	{ 5	Cts/S	46799	94.167	0.20121	46866	46733
Y_3710	371.030	{ 5	Cts/S	8477.8	16.283	0.19206	8466.3	8489.3

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=LLCCV
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:11:06

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0049	0.0004	7.405	0.0051	0.0046
Al3082	308.215 {1	In2306	ppm	0.0653	0.0126	19.25	0.0564	0.0741
As1890	189.042 {4	Y_2243	ppm	0.0102	0.0016	15.46	0.0091	0.0114
B_2496	249.678 {1	Y_3710	ppm	0.0048	0.0089	184.5	0.0111	-0.0015
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0002	2.506	0.0099	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	1.53	0.0048	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0896	0.0029	3.275	0.0917	0.0876
Ca3181	318.128 {1	In2306	ppm	0.1308	0.0094	7.175	0.1374	0.1241
Cd2288	228.802 {4	Y_2243	ppm	0.0067	0.0027	40.24	0.0048	0.0087
Co2286	228.616 {4	In2306	ppm	0.0121	0.003	24.59	0.01	0.0142
Cr2677	267.716 {1	Y_3600	ppm	0.0093	0.0004	4.63	0.009	0.0096
Cu3247	324.754 {1	Y_3600	ppm	0.0077	0.0008	10.77	0.0083	0.0071
Fe2404	240.488 {1	In2306	ppm	0.0773	0.0154	19.96	0.0664	0.0883
K_7664	766.490 { 4	Y_3710	ppm	0.6487	0.0078	1.207	0.6432	0.6542
K_7698	769.896 { 4	Y_3710	ppm	0.3471	0.0112	3.217	0.3392	0.355
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0	0.3626	0.0099	0.0098
Mg2790	279.079 {1	Y_3710	ppm	0.1358	0.0419	30.89	0.1654	0.1061
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0.0002	1.702	0.0104	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0098	0.0009	9.459	0.0105	0.0092
Mo2020	202.030 {4	Y_2243	ppm	0.0133	0.0036	27.22	0.0107	0.0159
Na5895	589.592 { 5	Y_3710	ppm	0.8339	0.0014	0.1639	0.8348	0.8329
Na8183	818.326 { 4	Y_3710	ppm	0.8888	0.0741	8.335	0.9412	0.8364
Ni2316	231.604 {4	In2306	ppm	0.0114	0.0031	27.51	0.0092	0.0136
P_1782	178.284 {4	In2306	ppm	0.0132	0.0012	9.043	0.0141	0.0124
Pb2203	220.353 {4	In2306	ppm	0.0123	0.0017	13.74	0.0111	0.0135
S_1820	182.034 {4	Y_2243	ppm	-0.686	0.1216	17.73	-0.6	-0.772
Sb2068	206.833 {4	Y_2243	ppm	0.0189	0.0007	3.962	0.0183	0.0194
Se1960	196.090 {4	Y_2243	ppm	0.0106	0.0007	6.502	0.0101	0.0111
Si2516	251.611 {1	Y_3710	ppm	-0.0253	0.0216	85.21	-0.0101	-0.0406
Sn1899	189.989 {4	In2306	ppm	0.0127	0.0037	29.15	0.0101	0.0153
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0.0003	5.591	0.005	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0104	0.0001	0.8702	0.0104	0.0103
Tl1908	190.856 {4	In2306	ppm	0.0157	0.0045	28.28	0.0126	0.0189
V_2924	292.402 {1	Y_3600	ppm	0.0108	0.0001	0.4718	0.0108	0.0108
Zn2062	206.200 {4	In2306	ppm	0.0106	0.0028	26.01	0.0087	0.0126

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.892	0.71019	1.1858	60.394	59.39
In2306	230.606 {4	Cts/S	10211	2.0427	0.02001	10212	10209
Y_2243	224.306 {4	Cts/S	12964	8.3326	0.06427	12958	12970
Y_3600	360.073 { 9	Cts/S	46043	194.97	0.42345	45905	46181
Y_3710	371.030 { 9	Cts/S	8639.7	26.039	0.30139	8658.1	8621.2

[Sample Header]
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SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/25/2012 10:13:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0005	71.31	0.001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.048	0.0358	74.54	-0.0733	-0.0227
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0004	238.3	0.0001	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.0001	0.0183	24030	-0.0128	0.013
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	205.7	0	0.0002
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	7.134	-0.0003	-0.0003
Ca3158	315.887 {1	In2306	ppm	0.0086	0.0027	31	0.0104	0.0067
Ca3181	318.128 {1	In2306	ppm	0.1718	0.0648	37.73	0.2177	0.126
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0005	153.8	0	0.0007
Co2286	228.616 {4	In2306	ppm	0.0006	0.0004	68.68	0.0003	0.0009
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0007	517.2	-0.0006	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0023	0.0006	26.82	-0.0019	-0.0028
Fe2404	240.488 {1	In2306	ppm	-0.0091	0.0077	83.78	-0.0146	-0.0037
K_7664	766.490 { 4	Y_3710	ppm	0.0381	0.0208	54.62	0.0528	0.0234
K_7698	769.896 { 4	Y_3710	ppm	-0.0781	0.0123	15.8	-0.0694	-0.0868
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0004	93.33	0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0335	0.0405	120.8	-0.0622	-0.0049
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	10.01	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0.0009	521.6	0.0008	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0009	93.02	0.0003	0.0015
Na5895	589.592 { 5	Y_3710	ppm	0.1812	0.0137	7.579	0.1715	0.1909
Na8183	818.326 { 4	Y_3710	ppm	0.1693	0.0386	22.79	0.1966	0.142
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0004	96.26	0.0001	0.0007
P_1782	178.284 {4	In2306	ppm	0.0011	0.0009	85.93	0.0004	0.0017
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0003	557.1	-0.0003	0.0002
S_1820	182.034 {4	Y_2243	ppm	-1.459	0.0935	6.409	-1.525	-1.393
Sb2068	206.833 {4	Y_2243	ppm	0.0037	0.0009	24.6	0.0044	0.0031
Se1960	196.090 {4	Y_2243	ppm	-0.0007	0.0002	37.42	-0.0008	-0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0236	0.0181	76.91	-0.0108	-0.0364
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0007	115.6	0.0001	0.0011
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	196	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	71.56	0.0001	0.0002
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0008	104.7	0.0002	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0008	212.8	-0.0002	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0005	0.0004	92.93	0.0002	0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.978	1.862	3.0535	62.295	59.662
In2306	230.606 {4	Cts/S	10167	54.173	0.53281	10129	10206
Y_2243	224.306 {4	Cts/S	12922	80.819	0.62542	12865	12980
Y_3600	360.073 { 9	Cts/S	46694	2217.8	4.7496	45125	48262
Y_3710	371.030 { 9	Cts/S	8454.3	0.67195	0.00795	8453.9	8454.8

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=MB 600-70481/1-A
Username=admin
Comment=
Custom ID1=

Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:16:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0008	803.7	-0.0007	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0382	0.0598	156.6	-0.0804	0.0041
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0003	22.68	-0.0011	-0.0015
B_2496	249.678 {1	Y_3710	ppm	0.0053	0.0043	80.08	0.0023	0.0084
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0	46.12	-0.0001	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	25.14	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0073	0.0132	182	0.0021	-0.0166
Ca3181	318.128 {1	In2306	ppm	0.0348	0.0107	30.83	0.0272	0.0424
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	104.7	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0	0	21.86	0	0
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	1013	-0.0003	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.001	65.21	-0.0022	-0.0008
Fe2404	240.488 {1	In2306	ppm	-0.021	0.0023	10.86	-0.0194	-0.0226
K_7664	766.490 { 4	Y_3710	ppm	0.0292	0.0037	12.53	0.0266	0.0318
K_7698	769.896 { 4	Y_3710	ppm	-0.3027	0.0061	2.011	-0.2984	-0.307
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0001	33.51	0.0003	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0147	0.0833	565.8	-0.0736	0.0442
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0.0001	7.713	0.0013	0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	0.0012	0.0009	76.61	0.0019	0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	168.5	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.1624	0.0032	1.987	0.1647	0.1602
Na8183	818.326 { 4	Y_3710	ppm	0.223	0.0795	35.67	0.2793	0.1668
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0003	145.4	0	-0.0004
P_1782	178.284 {4	In2306	ppm	0.0005	0.0008	173.2	0.0011	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0001	16.41	0.0005	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1.405	0.0189	1.344	-1.391	-1.418
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0009	309.9	-0.0004	0.001
Se1960	196.090 {4	Y_2243	ppm	-0.0013	0.0011	84.63	-0.0021	-0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0373	0.0052	14.02	-0.0336	-0.041
Sn1899	189.989 {4	In2306	ppm	-0.0007	0	1.307	-0.0007	-0.0007
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	73.63	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0.0004	51.31	0.001	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0001	125.8	0	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0014	349	0.0014	-0.0006
Zn2062	206.200 {4	In2306	ppm	0.0014	0	2.555	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.001	2.9739	4.8752	63.104	58.898
In2306	230.606 {4	Cts/S	10292	4.1033	0.03987	10295	10289
Y_2243	224.306 {4	Cts/S	13005	1.8913	0.01454	13006	13004
Y_3600	360.073 { 9	Cts/S	47097	2030.2	4.3107	48532	45661
Y_3710	371.030 { 9	Cts/S	8733.7	27.594	0.31595	8753.2	8714.1

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Username=admin
Comment=

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Custom ID3=
Run Time=1/25/2012 10:19:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4839	0.0124	2.57	0.4926	0.4751
Al3082	308.215 {1	In2306	ppm	10.01	0.313	3.126	10.23	9.791
As1890	189.042 {4	Y_2243	ppm	0.9275	0.0075	0.807	0.9223	0.9328
B_2496	249.678 {1	Y_3710	ppm	0.9672	0.0109	1.123	0.9749	0.9595
Ba4554	455.403 { 7	Y_3710	ppm	0.9629	0.0026	0.2658	0.9611	0.9647
Be3130	313.042 {1	Y_3710	ppm	0.4866	0.0003	0.055	0.4864	0.4868
Ca3158	315.887 {1	In2306	ppm	10.06	0.2459	2.445	10.23	9.885
Ca3181	318.128 {1	In2306	ppm	10.17	0.1727	1.697	10.3	10.05
Cd2288	228.802 {4	Y_2243	ppm	0.4681	0.0024	0.5151	0.4664	0.4698
Co2286	228.616 {4	In2306	ppm	0.9573	0.0056	0.587	0.9533	0.9613
Cr2677	267.716 {1	Y_3600	ppm	0.966	0.0329	3.41	0.9893	0.9427
Cu3247	324.754 {1	Y_3600	ppm	0.9525	0.0316	3.319	0.9749	0.9302
Fe2404	240.488 {1	In2306	ppm	9.933	0.2285	2.3	10.09	9.771
K_7664	766.490 { 4	Y_3710	ppm	10.43	0.082	0.7867	10.37	10.48
K_7698	769.896 { 4	Y_3710	ppm	10.4	0.0968	0.9298	10.34	10.47
Li6707	670.784 { 5	Y_3710	ppm	0.5064	0.0056	1.112	0.5025	0.5104
Mg2790	279.079 {1	Y_3710	ppm	9.624	0.0856	0.8898	9.685	9.564
Mn2576	257.610 {1	Y_3600	ppm	0.9512	0.0295	3.101	0.972	0.9303
Mn2576-2	257.610 {1	Y_3710	ppm	0.9265	0.0015	0.1656	0.9276	0.9254
Mo2020	202.030 {4	Y_2243	ppm	0.9317	0.0024	0.2525	0.93	0.9334
Na5895	589.592 { 5	Y_3710	ppm	10.35	0.0822	0.7937	10.3	10.41
Na8183	818.326 { 4	Y_3710	ppm	10.06	0.0069	0.0682	10.06	10.05
Ni2316	231.604 {4	In2306	ppm	0.9287	0.0055	0.5924	0.9249	0.9326
P_1782	178.284 {4	In2306	ppm	0.0001	0.0018	1178	0.0014	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.9432	0.0102	1.085	0.9359	0.9504
S_1820	182.034 {4	Y_2243	ppm	-1.496	0.0669	4.472	-1.449	-1.543
Sb2068	206.833 {4	Y_2243	ppm	0.9072	0.0032	0.3549	0.9049	0.9094
Se1960	196.090 {4	Y_2243	ppm	0.936	0.0106	1.13	0.9285	0.9435
Si2516	251.611 {1	Y_3710	ppm	0.7852	0.0311	3.966	0.7632	0.8073
Sn1899	189.989 {4	In2306	ppm	0.9764	0.0018	0.1802	0.9751	0.9776
Sr4215	421.552 { 8	Y_3710	ppm	0.4764	0.0009	0.1936	0.4757	0.477
Ti3349	334.904 {1	Y_3600	ppm	0.9905	0.0344	3.474	1.015	0.9662
Tl1908	190.856 {4	In2306	ppm	0.947	0.0092	0.9755	0.9535	0.9405
V_2924	292.402 {1	Y_3600	ppm	0.9902	0.0288	2.906	1.011	0.9699
Zn2062	206.200 {4	In2306	ppm	0.9481	0.0044	0.4653	0.9449	0.9512

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.266	1.1062	1.8665	58.484	60.048
In2306	230.606 {4	Cts/S	9649.5	104.92	1.0874	9723.7	9575.3
Y_2243	224.306 {4	Cts/S	12822	148.14	1.1553	12927	12717
Y_3600	360.073 { 9	Cts/S	47372	979.67	2.068	46679	48064
Y_3710	371.030 { 9	Cts/S	8462.2	15.94	0.18837	8473.5	8450.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0009	171	-0.0001	0.0011
Al3082	308.215 {1	In2306	ppm	0.0236	0.003	12.57	0.0215	0.0257
As1890	189.042 {4	Y_2243	ppm	0.0076	0.0073	95.56	0.0025	0.0128
B_2496	249.678 {1	Y_3710	ppm	0.5875	0.0119	2.022	0.5959	0.5791
Ba4554	455.403 { 7	Y_3710	ppm	0.1366	0.0007	0.4771	0.137	0.1361
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	338.7	0.0001	0
Ca3158	315.887 {1	In2306	ppm	374	14.27	3.816	364	384.1
Ca3181	318.128 {1	In2306	ppm	379.5	13.89	3.66	369.7	389.3
Cd2288	228.802 {4	Y_2243	ppm	0.004	0.0047	116.4	0.0007	0.0074
Co2286	228.616 {4	In2306	ppm	0.0276	0.0092	33.22	0.0211	0.0341
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0004	26.5	0.0016	0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0022	0	0.7724	-0.0022	-0.0022
Fe2404	240.488 {1	In2306	ppm	0.3935	0.0533	13.54	0.3558	0.4312
K_7664	766.490 { 4	Y_3710	ppm	3.229	0.0138	0.427	3.238	3.219
K_7698	769.896 { 4	Y_3710	ppm	3.064	0.0313	1.023	3.086	3.042
Li6707	670.784 { 5	Y_3710	ppm	0.0312	0.0001	0.2174	0.0311	0.0312
Mg2790	279.079 {1	Y_3710	ppm	330	0.4921	0.1491	330.4	329.7
Mn2576	257.610 {1	Y_3600	ppm	7.678	0.0083	0.108	7.672	7.684
Mn2576-2	257.610 {1	Y_3710	ppm	8.208	0.0262	0.3188	8.227	8.19
Mo2020	202.030 {4	Y_2243	ppm	0.0102	0.0102	100.1	0.003	0.0174
Na5895	589.592 { 5	Y_3710	ppm	940.2	20.15	2.143	954.4	926
Na8183	818.326 { 4	Y_3710	ppm	1508	0.5304	0.0352	1508	1509
Ni2316	231.604 {4	In2306	ppm	0.0213	0.0089	41.54	0.0151	0.0276
P_1782	178.284 {4	In2306	ppm	0.1008	0.0026	2.559	0.1027	0.099
Pb2203	220.353 {4	In2306	ppm	0.0056	0.0073	131.2	0.0004	0.0108
S_1820	182.034 {4	Y_2243	ppm	-3228	24.01	0.7436	-3245	-3211
Sb2068	206.833 {4	Y_2243	ppm	0.0203	0.0065	32.02	0.0157	0.0249
Se1960	196.090 {4	Y_2243	ppm	0.0084	0.0086	101.7	0.0024	0.0145
Si2516	251.611 {1	Y_3710	ppm	6.278	0.0877	1.397	6.34	6.216
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0109	108	0.0024	0.0177
Sr4215	421.552 { 8	Y_3710	ppm	3.503	0.011	0.3136	3.511	3.495
Ti3349	334.904 {1	Y_3600	ppm	0.0036	0	1.202	0.0036	0.0036
Tl1908	190.856 {4	In2306	ppm	0.0021	0.015	715.2	-0.0085	0.0127
V_2924	292.402 {1	Y_3600	ppm	-0.004	0.0003	6.636	-0.0042	-0.0038
Zn2062	206.200 {4	In2306	ppm	0.0113	0.0098	86.78	0.0044	0.0183

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.75	1.7096	3.241	53.959	51.541
In2306	230.606 {4	Cts/S	6603.2	21.235	0.32159	6588.2	6618.2
Y_2243	224.306 {4	Cts/S	9736.9	15.965	0.16396	9725.6	9748.2
Y_3600	360.073 { 9	Cts/S	48406	12.483	0.02579	48397	48414
Y_3710	371.030 { 9	Cts/S	7841.3	32.992	0.42074	7818	7864.7

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0003	0.0008	260.8	-0.0002	0.0008
Al3082	308.215	{1	In2306	ppm	0.0447	0.0733	163.8	0.0965	-0.0071
As1890	189.042	{4	Y_2243	ppm	0.0015	0.0008	56.91	0.0009	0.0021
B_2496	249.678	{1	Y_3710	ppm	0.3886	0.0034	0.863	0.391	0.3862
Ba4554	455.403	{ 7	Y_3710	ppm	0.0466	0.0002	0.5078	0.0468	0.0464
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0	17.16	-0.0002	-0.0002
Ca3158	315.887	{1	In2306	ppm	654.7	10.4	1.589	647.4	662.1
Ca3181	318.128	{1	In2306	ppm	667	9.863	1.479	660	673.9
Cd2288	228.802	{4	Y_2243	ppm	0.0013	0.0004	34.04	0.001	0.0016
Co2286	228.616	{4	In2306	ppm	0.0015	0.0008	56.03	0.0009	0.0021
Cr2677	267.716	{1	Y_3600	ppm	0.0013	0.0009	71.14	0.0007	0.002
Cu3247	324.754	{1	Y_3600	ppm	-0.0018	0.0001	7.739	-0.0019	-0.0017
Fe2404	240.488	{1	In2306	ppm	0.022	0.0055	25.14	0.0181	0.0259
K_7664	766.490	{ 4	Y_3710	ppm	3.869	0.0685	1.77	3.917	3.821
K_7698	769.896	{ 4	Y_3710	ppm	3.757	0.0637	1.697	3.802	3.712
Li6707	670.784	{ 5	Y_3710	ppm	0.0634	0.0012	1.97	0.0643	0.0625
Mg2790	279.079	{1	Y_3710	ppm	541.9	2.004	0.3698	543.3	540.4
Mn2576	257.610	{1	Y_3600	ppm	3.776	0.004	0.1064	3.773	3.779
Mn2576-2	257.610	{1	Y_3710	ppm	4.18	0.0015	0.0351	4.179	4.181
Mo2020	202.030	{4	Y_2243	ppm	0.0021	0.001	46.67	0.0014	0.0027
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	4564	6.794	0.1489	4568	4559
Ni2316	231.604	{4	In2306	ppm	0.0054	0.0012	22.09	0.0045	0.0062
P_1782	178.284	{4	In2306	ppm	0.1101	0.0021	1.902	0.1116	0.1087
Pb2203	220.353	{4	In2306	ppm	-0.0006	0.0007	125.2	-0.0001	-0.0011
S_1820	182.034	{4	Y_2243	ppm	-27690	340.4	1.229	-27930	-27450
Sb2068	206.833	{4	Y_2243	ppm	0.0043	0.0014	32.87	0.0033	0.0054
Se1960	196.090	{4	Y_2243	ppm	0.0034	0.0013	37.77	0.0025	0.0044
Si2516	251.611	{1	Y_3710	ppm	8.768	0.0466	0.5314	8.801	8.735
Sn1899	189.989	{4	In2306	ppm	0.0004	0.0001	32.22	0.0003	0.0005
Sr4215	421.552	{ 8	Y_3710	ppm	5.049	0.008	0.1577	5.055	5.044
Ti3349	334.904	{1	Y_3600	ppm	0.0045	0.0002	3.461	0.0046	0.0044
Tl1908	190.856	{4	In2306	ppm	-0.0051	0.001	20.25	-0.0058	-0.0044
V_2924	292.402	{1	Y_3600	ppm	-0.0035	0	0.68	-0.0035	-0.0035
Zn2062	206.200	{4	In2306	ppm	0.006	0.0007	10.85	0.0056	0.0065

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.555	0.58364	1.1545	50.968	50.142
In2306	230.606	{4	Cts/S	5460.4	24.941	0.45677	5442.8	5478
Y_2243	224.306	{4	Cts/S	8420.7	61.389	0.72903	8377.3	8464.1
Y_3600	360.073	{ 9	Cts/S	46297	98.979	0.21379	46367	46227
Y_3710	371.030	{ 9	Cts/S	7392.4	26.309	0.35589	7373.8	7411

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.0006	146.8	0	0.0008
Al3082	308.215	{1	In2306	ppm	0.0466	0.0104	22.3	0.0392	0.0539
As1890	189.042	{4	Y_2243	ppm	-0.0013	0.0002	17.44	-0.0014	-0.0011
B_2496	249.678	{1	Y_3710	ppm	0.2865	0.0024	0.8545	0.2848	0.2882
Ba4554	455.403	{ 7	Y_3710	ppm	0.4829	0.002	0.4096	0.4843	0.4815
Be3130	313.042	{1	Y_3710	ppm	0	0	756	0	0
Ca3158	315.887	{1	In2306	ppm	2237	21.38	0.9558	2252	2222
Ca3181	318.128	{1	In2306	ppm	2437	23.48	0.9635	2454	2420
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0.0002	54.41	0.0002	0.0004
Co2286	228.616	{4	In2306	ppm	-0.0003	0.0004	125.7	0	-0.0006
Cr2677	267.716	{1	Y_3600	ppm	0.001	0.0001	7.375	0.0009	0.001
Cu3247	324.754	{1	Y_3600	ppm	-0.002	0.0002	9.217	-0.0022	-0.0019
Fe2404	240.488	{1	In2306	ppm	0.0455	0.0239	52.52	0.0624	0.0286
K_7664	766.490	{ 4	Y_3710	ppm	16.12	0.0564	0.3497	16.16	16.08
K_7698	769.896	{ 4	Y_3710	ppm	16.8	0.0212	0.1264	16.79	16.82
Li6707	670.784	{ 5	Y_3710	ppm	0.2794	0.0021	0.7415	0.2809	0.278
Mg2790	279.079	{1	Y_3710	ppm	210.5	0.6481	0.3079	210	211
Mn2576	257.610	{1	Y_3600	ppm	0.486	0.0011	0.2211	0.4852	0.4867
Mn2576-2	257.610	{1	Y_3710	ppm	0.5176	0	0.0021	0.5176	0.5176
Mo2020	202.030	{4	Y_2243	ppm	0.0024	0.0001	2.058	0.0025	0.0024
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	1084
Na8183	818.326	{ 4	Y_3710	ppm	1953	7.629	0.3907	1958	1947
Ni2316	231.604	{4	In2306	ppm	0.0039	0.0001	3.542	0.004	0.0038
P_1782	178.284	{4	In2306	ppm	0.1057	0.002	1.906	0.1042	0.1071
Pb2203	220.353	{4	In2306	ppm	-0.001	0.0013	132.1	-0.0001	-0.0019
S_1820	182.034	{4	Y_2243	ppm	-7655	126.9	1.658	-7565	-7745
Sb2068	206.833	{4	Y_2243	ppm	-0.0007	0.0022	330.5	0.0009	-0.0023
Se1960	196.090	{4	Y_2243	ppm	0.0029	0.0006	21.3	0.0033	0.0024
Si2516	251.611	{1	Y_3710	ppm	2.275	0.0306	1.347	2.297	2.253
Sn1899	189.989	{4	In2306	ppm	-0.0001	0	1.639	-0.0001	-0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	8.114	0.0614	0.7565	8.07	8.157
Ti3349	334.904	{1	Y_3600	ppm	0.011	0.0014	12.25	0.012	0.0101
Tl1908	190.856	{4	In2306	ppm	0.0002	0.0017	800.6	0.0014	-0.001
V_2924	292.402	{1	Y_3600	ppm	-0.0011	0.0004	37.63	-0.0008	-0.0014
Zn2062	206.200	{4	In2306	ppm	0.0034	0.0002	5.379	0.0035	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	49.201	0.71714	1.4576	48.693	49.708
In2306	230.606	{4	Cts/S	5765.6	14.279	0.24766	5775.7	5755.5
Y_2243	224.306	{4	Cts/S	8734	16.957	0.19415	8746	8722
Y_3600	360.073	{ 9	Cts/S	47016	145.88	0.31027	47119	46913
Y_3710	371.030	{ 9	Cts/S	7511	2.0977	0.02793	7509.5	7512.5

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Custom ID2=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0007	0	3.069	0.0007	0.0007
Al3082	308.215	{1 In2306	ppm	0.0068	0.0001	1.485	0.0068	0.0069
As1890	189.042	{4 Y_2243	ppm	-0.0028	0.0009	31.1	-0.0022	-0.0034
B_2496	249.678	{1 Y_3710	ppm	0.5125	0.013	2.546	0.5033	0.5217
Ba4554	455.403	{ 7 Y_3710	ppm	0.0421	0.0002	0.4753	0.0422	0.0419
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0.0001	170.2	0	-0.0002
Ca3158	315.887	{1 In2306	ppm	387.6	5.484	1.415	383.7	391.5
Ca3181	318.128	{1 In2306	ppm	394.8	5.816	1.473	390.7	399
Cd2288	228.802	{4 Y_2243	ppm	0.0005	0.0001	15.56	0.0004	0.0005
Co2286	228.616	{4 In2306	ppm	0.0002	0.0002	64.35	0.0001	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.001	0.0002	20.34	0.0011	0.0009
Cu3247	324.754	{1 Y_3600	ppm	-0.0016	0	0.4074	-0.0016	-0.0016
Fe2404	240.488	{1 In2306	ppm	-0.0126	0.0061	48.42	-0.0083	-0.017
K_7664	766.490	{ 4 Y_3710	ppm	5.099	0.0206	0.4036	5.114	5.085
K_7698	769.896	{ 4 Y_3710	ppm	4.98	0.0404	0.8114	5.009	4.952
Li6707	670.784	{ 5 Y_3710	ppm	0.0414	0.0002	0.4478	0.0416	0.0413
Mg2790	279.079	{1 Y_3710	ppm	269.9	1.093	0.4048	269.2	270.7
Mn2576	257.610	{1 Y_3600	ppm	0.0576	0.0002	0.373	0.0577	0.0574
Mn2576-2	257.610	{1 Y_3710	ppm	0.0595	0.0012	2.025	0.0604	0.0586
Mo2020	202.030	{4 Y_2243	ppm	0.0003	0.0003	86.66	0.0001	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	^ *****	-----	-----	920.8	^ -----
Na8183	818.326	{ 4 Y_3710	ppm	1494	0.8426	0.0564	1495	1493
Ni2316	231.604	{4 In2306	ppm	0.0032	0	0.1384	0.0032	0.0032
P_1782	178.284	{4 In2306	ppm	0.1703	0.0009	0.5491	0.1696	0.171
Pb2203	220.353	{4 In2306	ppm	-0.0018	0.0002	8.67	-0.0019	-0.0017
S_1820	182.034	{4 Y_2243	ppm	-6638	21.65	0.3261	-6653	-6623
Sb2068	206.833	{4 Y_2243	ppm	0.0002	0.0017	900.3	-0.001	0.0014
Se1960	196.090	{4 Y_2243	ppm	0.0016	0.0012	76.01	0.0025	0.0008
Si2516	251.611	{1 Y_3710	ppm	8	0.0176	0.2197	7.988	8.013
Sn1899	189.989	{4 In2306	ppm	-0.0003	0.0007	192.5	-0.0008	0.0001
Sr4215	421.552	{ 8 Y_3710	ppm	2.279	0.0043	0.1887	2.282	2.276
Ti3349	334.904	{1 Y_3600	ppm	0.0022	0.0007	30.33	0.0027	0.0018
Tl1908	190.856	{4 In2306	ppm	0	0.0027	10550	0.0019	-0.0019
V_2924	292.402	{1 Y_3600	ppm	-0.0018	0.001	55.33	-0.0025	-0.0011
Zn2062	206.200	{4 In2306	ppm	0.0076	0	0.3166	0.0076	0.0076

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	51.091	0.48213	0.94366	51.432	50.75
In2306	230.606	{4 Cts/S	6594.4	25.558	0.38758	6612.4	6576.3
Y_2243	224.306	{4 Cts/S	9849.8	4.0747	0.04137	9852.7	9846.9
Y_3600	360.073	{ 9 Cts/S	47838	109.18	0.22823	47761	47916
Y_3710	371.030	{ 9 Cts/S	7703.1	6.6857	0.08679	7698.3	7707.8

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0	8.669	0.0001	0.0001
Al3082	308.215	{1 In2306	ppm	0.0592	0.0055	9.315	0.0553	0.0631
As1890	189.042	{4 Y_2243	ppm	-0.001	0.0007	69.38	-0.0005	-0.0014
B_2496	249.678	{1 Y_3710	ppm	0.454	0.0117	2.581	0.4457	0.4623
Ba4554	455.403	{ 7 Y_3710	ppm	0.0955	0.0001	0.1165	0.0956	0.0955
Be3130	313.042	{1 Y_3710	ppm	-0.0003	0	5.879	-0.0003	-0.0003
Ca3158	315.887	{1 In2306	ppm	1382	57.79	4.18	1341	1423
Ca3181	318.128	{1 In2306	ppm	1454	60.19	4.138	1412	1497
Cd2288	228.802	{4 Y_2243	ppm	0.0004	0.0001	19.58	0.0005	0.0004
Co2286	228.616	{4 In2306	ppm	0.0067	0.0003	4.366	0.007	0.0065
Cr2677	267.716	{1 Y_3600	ppm	0.0012	0.0006	49.47	0.0017	0.0008
Cu3247	324.754	{1 Y_3600	ppm	-0.0029	0.0004	14.32	-0.0026	-0.0032
Fe2404	240.488	{1 In2306	ppm	0.2306	0.0245	10.61	0.2133	0.2479
K_7664	766.490	{ 4 Y_3710	ppm	14.59	0.0614	0.4204	14.64	14.55
K_7698	769.896	{ 4 Y_3710	ppm	15.14	0.0974	0.6435	15.21	15.07
Li6707	670.784	{ 5 Y_3710	ppm	0.2363	0.001	0.4074	0.237	0.2356
Mg2790	279.079	{1 Y_3710	ppm	813.7	1.715	0.2107	814.9	812.5
Mn2576	257.610	{1 Y_3600	ppm	3.997	0.016	0.4015	3.986	4.009
Mn2576-2	257.610	{1 Y_3710	ppm	4.264	0.0119	0.2786	4.272	4.255
Mo2020	202.030	{4 Y_2243	ppm	0.0014	0.0001	10.57	0.0015	0.0013
Na5895	589.592	{ 5 Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4 Y_3710	ppm	3702	36.52	0.9865	3676	3728
Ni2316	231.604	{4 In2306	ppm	0.0021	0.0004	17.93	0.0024	0.0019
P_1782	178.284	{4 In2306	ppm	0.1035	0.0033	3.145	0.1058	0.1012
Pb2203	220.353	{4 In2306	ppm	-0.0013	0.0004	31.04	-0.0016	-0.001
S_1820	182.034	{4 Y_2243	ppm	-18050	96.6	0.5353	-18110	-17980
Sb2068	206.833	{4 Y_2243	ppm	-0.0003	0.0001	21.85	-0.0003	-0.0004
Se1960	196.090	{4 Y_2243	ppm	0.0034	0.0004	11.33	0.0032	0.0037
Si2516	251.611	{1 Y_3710	ppm	9.06	0.0166	0.1833	9.048	9.072
Sn1899	189.989	{4 In2306	ppm	0.0008	0	5.3	0.0007	0.0008
Sr4215	421.552	{ 8 Y_3710	ppm	10.56	0.0143	0.1351	10.57	10.55
Ti3349	334.904	{1 Y_3600	ppm	0.0072	0.0009	12.12	0.0079	0.0066
Tl1908	190.856	{4 In2306	ppm	-0.006	0.0017	28.58	-0.0048	-0.0072
V_2924	292.402	{1 Y_3600	ppm	-0.0059	0	0.3512	-0.0059	-0.0059
Zn2062	206.200	{4 In2306	ppm	0.0061	0.0004	6.492	0.0064	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	45.775	1.7954	3.9223	47.045	44.505
In2306	230.606	{4 Cts/S	5352.6	1.5423	0.02881	5351.5	5353.7
Y_2243	224.306	{4 Cts/S	8283.3	24	0.28973	8300.3	8266.4
Y_3600	360.073	{ 9 Cts/S	44872	7.4806	0.01667	44867	44877
Y_3710	371.030	{ 9 Cts/S	7271.4	21.977	0.30223	7255.9	7286.9

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0007	0.0009	132.8	0	0.0013
Al3082	308.215	{1 In2306	ppm	-0.0028	0.0605	2172	-0.0456	0.04
As1890	189.042	{4 Y_2243	ppm	-0.0001	0.0017	1795	-0.0013	0.0011
B_2496	249.678	{1 Y_3710	ppm	0.6095	0.0004	0.0662	0.6098	0.6092
Ba4554	455.403	{ 7 Y_3710	ppm	0.0574	0.0001	0.1829	0.0575	0.0573
Be3130	313.042	{1 Y_3710	ppm	0	0.0002	3227	0.0002	-0.0002
Ca3158	315.887	{1 In2306	ppm	1153	50.3	4.362	1189	1118
Ca3181	318.128	{1 In2306	ppm	1196	52	4.346	1233	1160
Cd2288	228.802	{4 Y_2243	ppm	0.0004	0.0001	12.85	0.0005	0.0004
Co2286	228.616	{4 In2306	ppm	0.0062	0.0001	1.007	0.0062	0.0061
Cr2677	267.716	{1 Y_3600	ppm	0.0011	0	4.342	0.0011	0.0012
Cu3247	324.754	{1 Y_3600	ppm	-0.0032	0.0003	9.486	-0.003	-0.0034
Fe2404	240.488	{1 In2306	ppm	0.3	0.0197	6.55	0.2861	0.3139
K_7664	766.490	{ 4 Y_3710	ppm	7.768	0.0578	0.7442	7.809	7.728
K_7698	769.896	{ 4 Y_3710	ppm	7.893	0.048	0.6079	7.927	7.859
Li6707	670.784	{ 5 Y_3710	ppm	0.1636	0.0011	0.6994	0.1644	0.1628
Mg2790	279.079	{1 Y_3710	ppm	799.3	1.384	0.1731	798.3	800.2
Mn2576	257.610	{1 Y_3600	ppm	2.351	0.0087	0.369	2.345	2.357
Mn2576-2	257.610	{1 Y_3710	ppm	2.535	0.0057	0.2268	2.531	2.539
Mo2020	202.030	{4 Y_2243	ppm	0.0012	0	1.919	0.0012	0.0012
Na5895	589.592	{ 5 Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4 Y_3710	ppm	5436	13.82	0.2542	5427	5446
Ni2316	231.604	{4 In2306	ppm	0.0007	0	0.3933	0.0007	0.0008
P_1782	178.284	{4 In2306	ppm	0.1489	0.0001	0.0921	0.149	0.1488
Pb2203	220.353	{4 In2306	ppm	-0.0012	0.0024	195	0.0005	-0.0029
S_1820	182.034	{4 Y_2243	ppm	-25390	361.2	1.422	-25650	-25140
Sb2068	206.833	{4 Y_2243	ppm	-0.0022	0.0016	71.57	-0.0033	-0.0011
Se1960	196.090	{4 Y_2243	ppm	0.0029	0.0015	52.78	0.004	0.0018
Si2516	251.611	{1 Y_3710	ppm	9.493	0.0246	0.2591	9.476	9.511
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0002	191.7	0.0003	0
Sr4215	421.552	{ 8 Y_3710	ppm	8.704	0.0125	0.1442	8.695	8.713
Ti3349	334.904	{1 Y_3600	ppm	0.0069	0.0005	6.903	0.0065	0.0072
Tl1908	190.856	{4 In2306	ppm	-0.0048	0.0006	12.19	-0.0052	-0.0043
V_2924	292.402	{1 Y_3600	ppm	-0.0051	0	0.0269	-0.0051	-0.0051
Zn2062	206.200	{4 In2306	ppm	0.0047	0.0001	2.231	0.0048	0.0047

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.38	2.1031	4.5344	44.893	47.867
In2306	230.606	{4 Cts/S	5090.7	31.057	0.61007	5068.8	5112.7
Y_2243	224.306	{4 Cts/S	7973.6	50.149	0.62894	7938.1	8009.1
Y_3600	360.073	{ 9 Cts/S	44473	188.25	0.42329	44606	44340

Y_3710	371.030 { 9	Cts/S	7141.3	3.039	0.04255	7139.1	7143.4	

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0009	0.0001	9.224	0.001	0.0009
Al3082	308.215 {1	In2306	ppm	0.1064	0.062	58.26	0.0626	0.1502
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.0001	5.481	-0.0011	-0.001
B_2496	249.678 {1	Y_3710	ppm	0.6328	0.036	5.686	0.6073	0.6582
Ba4554	455.403 { 7	Y_3710	ppm	0.0517	0.0019	3.747	0.0503	0.053
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	53.56	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	1214	124.1	10.22	1126	1301
Ca3181	318.128 {1	In2306	ppm	1264	128.6	10.17	1173	1355
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	37.15	0.0005	0.0003
Co2286	228.616 {4	In2306	ppm	0.0045	0	0.8472	0.0045	0.0045
Cr2677	267.716 {1	Y_3600	ppm	0.0014	0.0007	47.53	0.0018	0.0009
Cu3247	324.754 {1	Y_3600	ppm	-0.0031	0.0002	6.159	-0.003	-0.0032
Fe2404	240.488 {1	In2306	ppm	0.4195	0.0401	9.551	0.3912	0.4478
K_7664	766.490 { 4	Y_3710	ppm	11.6	0.2387	2.057	11.44	11.77
K_7698	769.896 { 4	Y_3710	ppm	11.95	0.2709	2.267	11.76	12.14
Li6707	670.784 { 5	Y_3710	ppm	0.1543	0.0036	2.332	0.1518	0.1569
Mg2790	279.079 {1	Y_3710	ppm	900.2	45.02	5.001	868.4	932
Mn2576	257.610 {1	Y_3600	ppm	1.919	0.0033	0.1697	1.921	1.916
Mn2576-2	257.610 {1	Y_3710	ppm	2.136	0.1028	4.813	2.064	2.209
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0001	14.62	0.0008	0.001
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	5406	229.9	4.254	5243	5568
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0004	35.6	0.0015	0.0009
P_1782	178.284 {4	In2306	ppm	0.1782	0.0057	3.188	0.1822	0.1741
Pb2203	220.353 {4	In2306	ppm	-0.0011	0.0024	218.5	-0.0028	0.0006
S_1820	182.034 {4	Y_2243	ppm	-26470	31.62	0.1194	-26500	-26450
Sb2068	206.833 {4	Y_2243	ppm	-0.0025	0.0001	3.344	-0.0024	-0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0021	357.9	0.002	-0.0009
Si2516	251.611 {1	Y_3710	ppm	9.962	0.3215	3.227	9.735	10.19
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0002	47.17	-0.0003	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	9.643	0.1356	1.406	9.547	9.739
Ti3349	334.904 {1	Y_3600	ppm	0.0069	0.0006	8.189	0.0073	0.0065
Tl1908	190.856 {4	In2306	ppm	-0.0061	0.0018	29.51	-0.0073	-0.0048
V_2924	292.402 {1	Y_3600	ppm	-0.0062	0.0001	2.071	-0.0063	-0.0061
Zn2062	206.200 {4	In2306	ppm	0.005	0	0.381	0.005	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	43.584	3.6632	8.4049	46.175	40.994
In2306	230.606 {4	Cts/S	5083.9	20.231	0.39795	5069.6	5098.2
Y_2243	224.306 {4	Cts/S	7926.7	35.22	0.44433	7901.8	7951.6

Y_3600	360.073 { 9	Cts/S	44728	245	0.54776	44554	44901
Y_3710	371.030 { 9	Cts/S	6889.7	239.01	3.4691	7058.7	6720.7

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0006	3563	0.0004	-0.0004
Al3082	308.215 {1	In2306	ppm	0.2124	0.0069	3.231	0.2075	0.2172
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0009	49.37	0.0026	0.0012
B_2496	249.678 {1	Y_3710	ppm	0.5297	0.0192	3.629	0.5433	0.5161
Ba4554	455.403 { 7	Y_3710	ppm	0.057	0.0002	0.4199	0.0568	0.0571
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	24.22	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	620.8	15.54	2.503	609.8	631.7
Ca3181	318.128 {1	In2306	ppm	633.2	15.73	2.483	622.1	644.3
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0	10.79	0.0004	0.0004
Co2286	228.616 {4	In2306	ppm	0.0037	0.0001	2.039	0.0038	0.0037
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0005	40.78	0.0009	0.0017
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0.0004	16.27	-0.0024	-0.0031
Fe2404	240.488 {1	In2306	ppm	0.2188	0.0084	3.845	0.2128	0.2247
K_7664	766.490 { 4	Y_3710	ppm	6.184	0.0113	0.1835	6.192	6.175
K_7698	769.896 { 4	Y_3710	ppm	6.156	0.0273	0.4437	6.137	6.175
Li6707	670.784 { 5	Y_3710	ppm	0.0967	0.0004	0.3707	0.0964	0.097
Mg2790	279.079 {1	Y_3710	ppm	483.5	1.098	0.2271	482.7	484.3
Mn2576	257.610 {1	Y_3600	ppm	1.87	0.0035	0.1886	1.873	1.868
Mn2576-2	257.610 {1	Y_3710	ppm	1.952	0.003	0.1561	1.954	1.95
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0001	16.54	0.001	0.0008
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2702	7.405	0.274	2697	2708
Ni2316	231.604 {4	In2306	ppm	0.004	0	0.792	0.004	0.0039
P_1782	178.284 {4	In2306	ppm	0.0906	0.0018	2.014	0.0919	0.0893
Pb2203	220.353 {4	In2306	ppm	-0.0014	0.0021	153.5	0.0001	-0.0029
S_1820	182.034 {4	Y_2243	ppm	-12590	31.81	0.2527	-12560	-12610
Sb2068	206.833 {4	Y_2243	ppm	-0.0004	0	4.202	-0.0004	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0005	41.39	0.0016	0.0009
Si2516	251.611 {1	Y_3710	ppm	9.637	0.044	0.4571	9.606	9.668
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0006	148.8	0	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	4.795	0.0021	0.0442	4.793	4.796
Ti3349	334.904 {1	Y_3600	ppm	0.007	0.0005	7.466	0.0074	0.0067
Tl1908	190.856 {4	In2306	ppm	-0.0057	0.0031	54.93	-0.0078	-0.0035
V_2924	292.402 {1	Y_3600	ppm	-0.0031	0.0004	13.44	-0.0028	-0.0034
Zn2062	206.200 {4	In2306	ppm	0.011	0	0.3786	0.011	0.0109

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.459	0.99013	2.0863	48.159	46.759
In2306	230.606 {4	Cts/S	5894.5	14.236	0.24152	5904.6	5884.5

Y_2243	224.306 {4	Cts/S	8880.4	27.998	0.31528	8900.2	8860.6
Y_3600	360.073 { 9	Cts/S	46854	177.26	0.37832	46729	46979
Y_3710	371.030 { 9	Cts/S	7324.8	2.8436	0.03882	7322.8	7326.8

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:43:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2439	0.0004	0.184	0.2442	0.2436
Al3082	308.215 {1	In2306	ppm	2.686	0.0028	0.1056	2.688	2.684
As1890	189.042 {4	Y_2243	ppm	0.4749	0.0001	0.0179	0.4749	0.475
B_2496	249.678 {1	Y_3710	ppm	0.4562	0.0153	3.358	0.4454	0.4671
Ba4554	455.403 { 7	Y_3710	ppm	0.4843	0.0026	0.5408	0.4825	0.4862
Be3130	313.042 {1	Y_3710	ppm	0.4886	0.0008	0.1649	0.4881	0.4892
Ca3158	315.887 {1	In2306	ppm	13.42	0.3272	2.438	13.65	13.19
Ca3181	318.128 {1	In2306	ppm	13.6	0.2965	2.18	13.81	13.39
Cd2288	228.802 {4	Y_2243	ppm	0.4774	0.002	0.4141	0.4788	0.476
Co2286	228.616 {4	In2306	ppm	0.4869	0.0012	0.2457	0.4877	0.486
Cr2677	267.716 {1	Y_3600	ppm	0.493	0.002	0.4028	0.4944	0.4916
Cu3247	324.754 {1	Y_3600	ppm	0.485	0.0029	0.5915	0.487	0.483
Fe2404	240.488 {1	In2306	ppm	2.563	0.0559	2.181	2.602	2.523
K_7664	766.490 { 4	Y_3710	ppm	12.97	0.192	1.48	12.84	13.11
K_7698	769.896 { 4	Y_3710	ppm	13.11	0.1181	0.9011	13.02	13.19
Li6707	670.784 { 5	Y_3710	ppm	0.511	0.0105	2.062	0.5036	0.5185
Mg2790	279.079 {1	Y_3710	ppm	4.871	0.0329	0.6748	4.848	4.894
Mn2576	257.610 {1	Y_3600	ppm	0.4895	0.0022	0.4573	0.4879	0.4911
Mn2576-2	257.610 {1	Y_3710	ppm	0.4604	0.0031	0.6797	0.4627	0.4582
Mo2020	202.030 {4	Y_2243	ppm	0.4736	0.005	1.056	0.4772	0.4701
Na5895	589.592 { 5	Y_3710	ppm	13.43	0.1462	1.089	13.32	13.53
Na8183	818.326 { 4	Y_3710	ppm	13.23	0.0216	0.1631	13.21	13.24
Ni2316	231.604 {4	In2306	ppm	0.4724	0.0007	0.1378	0.4728	0.4719
P_1782	178.284 {4	In2306	ppm	0.0026	0.0006	25.25	0.0021	0.003
Pb2203	220.353 {4	In2306	ppm	0.4782	0.0027	0.5558	0.48	0.4763
S_1820	182.034 {4	Y_2243	ppm	-107.5	81.45	75.75	-49.93	-165.1
Sb2068	206.833 {4	Y_2243	ppm	0.4649	0.0026	0.555	0.4667	0.463
Se1960	196.090 {4	Y_2243	ppm	0.4789	0.0006	0.1356	0.4785	0.4794
Si2516	251.611 {1	Y_3710	ppm	0.7862	0.002	0.2557	0.7848	0.7876
Sn1899	189.989 {4	In2306	ppm	0.4956	0.0006	0.1285	0.4961	0.4952
Sr4215	421.552 { 8	Y_3710	ppm	0.2449	0.0001	0.0257	0.2449	0.2449
Ti3349	334.904 {1	Y_3600	ppm	0.506	0.0023	0.4542	0.5044	0.5076
Tl1908	190.856 {4	In2306	ppm	0.4771	0.0144	3.015	0.4873	0.467
V_2924	292.402 {1	Y_3600	ppm	0.505	0.0015	0.2888	0.504	0.506
Zn2062	206.200 {4	In2306	ppm	0.4834	0.0007	0.1429	0.4829	0.4839

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.522	0.74355	1.3638	53.996	55.048

In2306	230.606 {4	Cts/S	9444.3	252.83	2.6771	9623.1	9265.6
Y_2243	224.306 {4	Cts/S	12557	198.72	1.5826	12697	12416
Y_3600	360.073 { 9	Cts/S	46758	93.87	0.20075	46825	46692
Y_3710	371.030 { 9	Cts/S	8260.4	13.7	0.16585	8270.1	8250.7

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0003	6.208	0.005	0.0046
Al3082	308.215 {1	In2306	ppm	0.0811	0.0074	9.129	0.0759	0.0863
As1890	189.042 {4	Y_2243	ppm	0.0106	0.0005	4.731	0.011	0.0103
B_2496	249.678 {1	Y_3710	ppm	0.0097	0.008	82.4	0.0154	0.0041
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0001	0.7127	0.0097	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0049	0	0.2667	0.0049	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1029	0.0066	6.379	0.0983	0.1076
Ca3181	318.128 {1	In2306	ppm	0.1789	0.0484	27.06	0.2131	0.1446
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0009	16.2	0.0048	0.006
Co2286	228.616 {4	In2306	ppm	0.0104	0.001	9.86	0.0097	0.0112
Cr2677	267.716 {1	Y_3600	ppm	0.01	0	0.051	0.01	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.008	0.0002	2.894	0.0079	0.0082
Fe2404	240.488 {1	In2306	ppm	0.0935	0.0102	10.87	0.1007	0.0863
K_7664	766.490 { 4	Y_3710	ppm	0.6461	0.0008	0.1234	0.6466	0.6455
K_7698	769.896 { 4	Y_3710	ppm	0.3718	0.0092	2.474	0.3653	0.3783
Li6707	670.784 { 5	Y_3710	ppm	0.01	0	0.4092	0.0099	0.01
Mg2790	279.079 {1	Y_3710	ppm	0.0822	0.0266	32.3	0.0635	0.101
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0.0001	0.6316	0.0104	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0089	0.0006	6.537	0.0093	0.0085
Mo2020	202.030 {4	Y_2243	ppm	0.0114	0.0016	13.78	0.0103	0.0125
Na5895	589.592 { 5	Y_3710	ppm	0.9956	0.0105	1.058	1.003	0.9881
Na8183	818.326 { 4	Y_3710	ppm	0.9582	0.0043	0.4509	0.9552	0.9613
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0009	8.875	0.0094	0.0107
P_1782	178.284 {4	In2306	ppm	0.0128	0.0006	4.982	0.0132	0.0123
Pb2203	220.353 {4	In2306	ppm	0.011	0.0002	1.5	0.0108	0.0111
S_1820	182.034 {4	Y_2243	ppm	-2.168	0.8507	39.24	-1.567	-2.77
Sb2068	206.833 {4	Y_2243	ppm	0.0167	0.0009	5.096	0.0161	0.0173
Se1960	196.090 {4	Y_2243	ppm	0.0087	0.0005	5.48	0.0084	0.0091
Si2516	251.611 {1	Y_3710	ppm	-0.0323	0.0022	6.806	-0.0339	-0.0308
Sn1899	189.989 {4	In2306	ppm	0.0106	0.0017	16.06	0.0094	0.0118
Sr4215	421.552 { 8	Y_3710	ppm	0.0051	0	0.4053	0.0051	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0107	0.0007	6.296	0.0102	0.0111
Tl1908	190.856 {4	In2306	ppm	0.0149	0.0024	16.32	0.0132	0.0166
V_2924	292.402 {1	Y_3600	ppm	0.0096	0.0005	5.648	0.0093	0.01
Zn2062	206.200 {4	In2306	ppm	0.0092	0.0009	10.22	0.0085	0.0098

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	57.655	0.25022	0.43399	57.832	57.478
In2306	230.606 {4	Cts/S	10165	18.453	0.18152	10179	10152
Y_2243	224.306 {4	Cts/S	12916	32.528	0.25184	12939	12893
Y_3600	360.073 { 9	Cts/S	45742	106.56	0.23296	45666	45817
Y_3710	371.030 { 9	Cts/S	8448.1	21.452	0.25393	8463.3	8433

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	81.93	0.0001	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0672	0.0258	38.44	-0.0855	-0.049
As1890	189.042 {4	Y_2243	ppm	-0.001	0.0004	36.46	-0.0012	-0.0007
B_2496	249.678 {1	Y_3710	ppm	-0.01	0.0037	36.85	-0.0127	-0.0074
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0002	2009	-0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	33.03	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	0.0242	0.0203	84.03	0.0098	0.0385
Ca3181	318.128 {1	In2306	ppm	0.1026	0.0231	22.54	0.119	0.0863
Cd2288	228.802 {4	Y_2243	ppm	0	0	274.9	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	20.13	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0005	163.5	0	-0.0007
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	6.758	-0.0019	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0143	0.001	7.344	-0.015	-0.0135
K_7664	766.490 { 4	Y_3710	ppm	0.019	0.0026	13.5	0.0208	0.0172
K_7698	769.896 { 4	Y_3710	ppm	-0.0146	0.005	34.2	-0.0181	-0.0111
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	112.3	0.0001	0
Mg2790	279.079 {1	Y_3710	ppm	-0.009	0.0048	53.31	-0.0056	-0.0124
Mn2576	257.610 {1	Y_3600	ppm	0.0003	0	1.591	0.0003	0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0006	0.0008	120.6	-0.0001	-0.0012
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0003	104	0.0001	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.3244	0.0153	4.717	0.3136	0.3352
Na8183	818.326 { 4	Y_3710	ppm	0.2603	0.0908	34.86	0.3245	0.1962
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	96.41	0.0001	0
P_1782	178.284 {4	In2306	ppm	0.0007	0.0007	102.2	0.0011	0.0002
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.001	836.2	0.0006	-0.0008
S_1820	182.034 {4	Y_2243	ppm	-2.653	0.0178	0.6726	-2.64	-2.665
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0004	18.56	0.002	0.0026
Se1960	196.090 {4	Y_2243	ppm	-0.001	0.0004	40.11	-0.0013	-0.0007
Si2516	251.611 {1	Y_3710	ppm	-0.0168	0.0551	327.5	-0.0558	0.0222
Sn1899	189.989 {4	In2306	ppm	0.0003	0	3.54	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	33.72	0.0002	0.0003
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	42.06	0.0002	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0017	0.0006	37.2	0.0022	0.0013
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0003	225.2	0.0001	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0002	132	0	0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.57	1.0405	1.9068	53.834	55.306
In2306	230.606 {4	Cts/S	10155	33.73	0.33214	10131	10179
Y_2243	224.306 {4	Cts/S	12865	65.072	0.50583	12818	12911
Y_3600	360.073 { 9	Cts/S	45638	61.941	0.13572	45682	45594
Y_3710	371.030 { 9	Cts/S	8219.3	126.56	1.5397	8129.8	8308.7

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Custom ID3=
Run Time=1/25/2012 10:51:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0004	74.66	0.0002	0.0008
Al3082	308.215 {1	In2306	ppm	0.0055	0.0143	262.2	-0.0047	0.0156
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0016	925.8	-0.0013	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.5846	0.0139	2.376	0.5748	0.5944
Ba4554	455.403 { 7	Y_3710	ppm	0.1318	0.0005	0.3779	0.1321	0.1314
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	351.4	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	393.2	6.051	1.539	389	397.5
Ca3181	318.128 {1	In2306	ppm	399.4	5.995	1.501	395.2	403.7
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	46.86	0.0004	0.0002
Co2286	228.616 {4	In2306	ppm	0.0188	0.0002	1.078	0.0187	0.019
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0003	18.36	0.0016	0.0021
Cu3247	324.754 {1	Y_3600	ppm	-0.0025	0.0001	2.785	-0.0025	-0.0024
Fe2404	240.488 {1	In2306	ppm	0.3784	0.0404	10.67	0.3499	0.407
K_7664	766.490 { 4	Y_3710	ppm	3.409	0.045	1.321	3.441	3.378
K_7698	769.896 { 4	Y_3710	ppm	3.247	0.0377	1.16	3.274	3.22
Li6707	670.784 { 5	Y_3710	ppm	0.0319	0.0005	1.719	0.0323	0.0315
Mg2790	279.079 {1	Y_3710	ppm	336.4	1.279	0.38	335.5	337.3
Mn2576	257.610 {1	Y_3600	ppm	6.928	0.0037	0.054	6.931	6.925
Mn2576-2	257.610 {1	Y_3710	ppm	7.295	0.0167	0.2291	7.283	7.307
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	24.58	0.0003	0.0004
Na5895	589.592 { 5	Y_3710	ppm	950.1	2.681	0.2822	948.2	952
Na8183	818.326 { 4	Y_3710	ppm	1551	12.21	0.787	1560	1543
Ni2316	231.604 {4	In2306	ppm	0.0135	0.0002	1.522	0.0137	0.0134
P_1782	178.284 {4	In2306	ppm	0.1025	0.0007	0.7244	0.103	0.102
Pb2203	220.353 {4	In2306	ppm	0	0	69.9	0	0
S_1820	182.034 {4	Y_2243	ppm	-3252	25.74	0.7918	-3270	-3233
Sb2068	206.833 {4	Y_2243	ppm	-0.0001	0.0002	137.6	0	-0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0008	103.5	0.0002	0.0013
Si2516	251.611 {1	Y_3710	ppm	6.34	0.0426	0.6719	6.31	6.371
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0005	311.9	-0.0002	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	3.582	0.0044	0.1215	3.585	3.579
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0003	12.29	0.003	0.0025
Tl1908	190.856 {4	In2306	ppm	-0.0088	0.0004	4.256	-0.0091	-0.0085
V_2924	292.402 {1	Y_3600	ppm	-0.003	0	0.8253	-0.003	-0.0031
Zn2062	206.200 {4	In2306	ppm	0.0038	0.0001	2.617	0.0038	0.0037

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.175	0.45938	0.91555	50.5	49.85
In2306	230.606 {4	Cts/S	6608.3	2.4497	0.03707	6610	6606.5
Y_2243	224.306 {4	Cts/S	9760.2	8.5865	0.08797	9754.2	9766.3
Y_3600	360.073 { 9	Cts/S	48895	78.192	0.15992	48840	48950
Y_3710	371.030 { 9	Cts/S	7699.2	7.6999	0.10001	7704.7	7693.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0007	975.1	0.0005	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0215	0.0271	126.2	0.0023	0.0406
As1890	189.042 {4	Y_2243	ppm	0.025	0.0013	5.173	0.0259	0.0241
B_2496	249.678 {1	Y_3710	ppm	0.1841	0.0045	2.436	0.1872	0.1809
Ba4554	455.403 { 7	Y_3710	ppm	0.154	0.0003	0.1838	0.1538	0.1542
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	89.77	0	0.0002
Ca3158	315.887 {1	In2306	ppm	107.8	2.26	2.097	106.2	109.4
Ca3181	318.128 {1	In2306	ppm	108.7	2.761	2.54	106.8	110.7
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	247.3	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0141	0.0001	0.814	0.0142	0.0141
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0001	9.232	0.0015	0.0017
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0	0.4172	-0.0027	-0.0027
Fe2404	240.488 {1	In2306	ppm	2.406	0.0158	0.6552	2.395	2.417
K_7664	766.490 { 4	Y_3710	ppm	0.3273	0.009	2.762	0.3209	0.3337
K_7698	769.896 { 4	Y_3710	ppm	-0.0141	0.0196	138.9	-0.0003	-0.028
Li6707	670.784 { 5	Y_3710	ppm	0.0109	0	0.0134	0.0109	0.0109
Mg2790	279.079 {1	Y_3710	ppm	26.46	0.1055	0.3987	26.38	26.53
Mn2576	257.610 {1	Y_3600	ppm	0.6078	0.0023	0.3774	0.6094	0.6061
Mn2576-2	257.610 {1	Y_3710	ppm	0.5858	0.0036	0.6115	0.5883	0.5832
Mo2020	202.030 {4	Y_2243	ppm	0.0043	0.0003	6.748	0.0045	0.0041
Na5895	589.592 { 5	Y_3710	ppm	222.2	4.591	2.066	218.9	225.4
Na8183	818.326 { 4	Y_3710	ppm	252.6	1.138	0.4506	251.8	253.4
Ni2316	231.604 {4	In2306	ppm	0.003	0.0001	4.727	0.0029	0.0031
P_1782	178.284 {4	In2306	ppm	0.079	0.0021	2.686	0.0805	0.0775
Pb2203	220.353 {4	In2306	ppm	0	0.0002	2721	0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-1324	9.604	0.7251	-1318	-1331
Sb2068	206.833 {4	Y_2243	ppm	0.0002	0	14.31	0.0002	0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0008	123.9	-0.0012	-0.0001
Si2516	251.611 {1	Y_3710	ppm	10.47	0.0203	0.1935	10.48	10.45
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0003	51.6	0.0007	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.6083	0.0005	0.0897	0.6079	0.6087
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0001	25.13	0.0004	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.001	0.0001	7.09	-0.0011	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0001	33.51	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	0.01	0	0.2602	0.01	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.19	1.3129	2.4227	55.119	53.262
In2306	230.606 {4	Cts/S	8272.6	14.697	0.17766	8283	8262.2
Y_2243	224.306 {4	Cts/S	11538	25.7	0.22275	11519	11556
Y_3600	360.073 { 9	Cts/S	48657	81.745	0.168	48715	48599
Y_3710	371.030 { 9	Cts/S	8070.6	20.529	0.25437	8085.2	8056.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0005	6500	0.0004	-0.0003
Al3082	308.215 {1	In2306	ppm	0.003	0.0465	1548	-0.0299	0.0359
As1890	189.042 {4	Y_2243	ppm	0.0253	0.0002	0.8748	0.0254	0.0251
B_2496	249.678 {1	Y_3710	ppm	0.1831	0.002	1.09	0.1817	0.1846
Ba4554	455.403 { 7	Y_3710	ppm	0.1577	0.001	0.6552	0.1585	0.157
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	77.15	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	114.5	2.333	2.038	112.8	116.1
Ca3181	318.128 {1	In2306	ppm	115.1	2.817	2.448	113.1	117.1
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	71.21	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0149	0.0001	0.9812	0.015	0.0148
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0001	14.58	0.0008	0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	7.71	-0.0019	-0.0021
Fe2404	240.488 {1	In2306	ppm	2.553	0.0702	2.749	2.504	2.603
K_7664	766.490 { 4	Y_3710	ppm	0.3108	0.0143	4.616	0.321	0.3007
K_7698	769.896 { 4	Y_3710	ppm	-0.011	0.0141	127.8	-0.021	-0.0011
Li6707	670.784 { 5	Y_3710	ppm	0.011	0.0004	3.782	0.0113	0.0107
Mg2790	279.079 {1	Y_3710	ppm	26.81	0.0755	0.2816	26.76	26.87
Mn2576	257.610 {1	Y_3600	ppm	0.6184	0.0033	0.5375	0.6207	0.616
Mn2576-2	257.610 {1	Y_3710	ppm	0.5955	0.0003	0.0422	0.5953	0.5957
Mo2020	202.030 {4	Y_2243	ppm	0.0045	0	0.7895	0.0044	0.0045
Na5895	589.592 { 5	Y_3710	ppm	223.2	8.484	3.8	229.2	217.2
Na8183	818.326 { 4	Y_3710	ppm	256.7	2.352	0.9163	258.4	255
Ni2316	231.604 {4	In2306	ppm	0.0028	0.0001	5.42	0.0029	0.0027
P_1782	178.284 {4	In2306	ppm	0.0806	0.0004	0.4447	0.0804	0.0809
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0007	134.6	0.001	0
S_1820	182.034 {4	Y_2243	ppm	-1344	1.037	0.0772	-1345	-1344
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0016	259	0.0017	-0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.001	62.76	0.0023	0.0009
Si2516	251.611 {1	Y_3710	ppm	10.88	0.0433	0.3982	10.91	10.85
Sn1899	189.989 {4	In2306	ppm	-0.0007	0.0007	97.49	-0.0011	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.6214	0.0028	0.4565	0.6234	0.6194
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0002	25.07	0.0008	0.0011
Tl1908	190.856 {4	In2306	ppm	-0.0007	0.0007	100.8	-0.0012	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0001	15.46	0.001	0.0008

Zn2062	206.200 {4	In2306	ppm	0.01	0	0.0887	0.01	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.401	0.33122	0.63209	52.635	52.166
In2306	230.606 {4	Cts/S	8277.4	37.237	0.44986	8251	8303.7
Y_2243	224.306 {4	Cts/S	11501	66.886	0.58155	11454	11549
Y_3600	360.073 { 9	Cts/S	48640	67.507	0.13879	48688	48593
Y_3710	371.030 { 9	Cts/S	8088	47.197	0.58354	8054.6	8121.4

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5117	0.0031	0.6111	0.5139	0.5094
Al3082	308.215 {1	In2306	ppm	10.6	0.0388	0.3665	10.57	10.63
As1890	189.042 {4	Y_2243	ppm	1.027	0.0026	0.2508	1.029	1.025
B_2496	249.678 {1	Y_3710	ppm	1.164	0.0045	0.3872	1.167	1.16
Ba4554	455.403 { 7	Y_3710	ppm	1.126	0.0014	0.1226	1.127	1.125
Be3130	313.042 {1	Y_3710	ppm	0.4875	0.0006	0.1304	0.487	0.4879
Ca3158	315.887 {1	In2306	ppm	121.7	1.53	1.257	120.6	122.7
Ca3181	318.128 {1	In2306	ppm	122.4	1.766	1.443	121.2	123.7
Cd2288	228.802 {4	Y_2243	ppm	0.4946	0.0015	0.2981	0.4956	0.4936
Co2286	228.616 {4	In2306	ppm	1.018	0.0035	0.3416	1.02	1.015
Cr2677	267.716 {1	Y_3600	ppm	0.9467	0.0037	0.3958	0.9441	0.9494
Cu3247	324.754 {1	Y_3600	ppm	1.037	0.0029	0.2785	1.04	1.035
Fe2404	240.488 {1	In2306	ppm	12.54	0.1071	0.8541	12.47	12.62
K_7664	766.490 { 4	Y_3710	ppm	10.88	0.0237	0.2183	10.86	10.89
K_7698	769.896 { 4	Y_3710	ppm	11	0.0163	0.1485	11.01	10.99
Li6707	670.784 { 5	Y_3710	ppm	0.5291	0.0003	0.0487	0.5293	0.5289
Mg2790	279.079 {1	Y_3710	ppm	37.03	0.2865	0.7738	36.83	37.23
Mn2576	257.610 {1	Y_3600	ppm	1.553	0.003	0.1959	1.555	1.551
Mn2576-2	257.610 {1	Y_3710	ppm	1.522	0.0149	0.9789	1.511	1.532
Mo2020	202.030 {4	Y_2243	ppm	0.9449	0.0034	0.3567	0.9473	0.9426
Na5895	589.592 { 5	Y_3710	ppm	231.5	4.642	2.006	228.2	234.7
Na8183	818.326 { 4	Y_3710	ppm	270.3	0.647	0.2393	269.9	270.8
Ni2316	231.604 {4	In2306	ppm	0.9737	0.0041	0.417	0.9766	0.9708
P_1782	178.284 {4	In2306	ppm	0.0787	0.0011	1.458	0.0779	0.0795
Pb2203	220.353 {4	In2306	ppm	0.962	0.0027	0.2855	0.9639	0.96
S_1820	182.034 {4	Y_2243	ppm	-1325	0.5534	0.0418	-1326	-1325
Sb2068	206.833 {4	Y_2243	ppm	0.9601	0.0077	0.7992	0.9656	0.9547
Se1960	196.090 {4	Y_2243	ppm	1.003	0.0009	0.092	1.002	1.003
Si2516	251.611 {1	Y_3710	ppm	11.02	0.0322	0.2925	11.04	11
Sn1899	189.989 {4	In2306	ppm	1.02	0.0066	0.6516	1.025	1.015
Sr4215	421.552 { 8	Y_3710	ppm	1.107	0.0022	0.1988	1.108	1.105
Ti3349	334.904 {1	Y_3600	ppm	0.9789	0.0054	0.5516	0.9828	0.9751
Tl1908	190.856 {4	In2306	ppm	0.9427	0.0157	1.664	0.9538	0.9316

V_2924	292.402 {1	Y_3600	ppm	0.9758	0.0017	0.1723	0.9769	0.9746
Zn2062	206.200 {4	In2306	ppm	1.023	0.0028	0.2746	1.025	1.021

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.635	0.48294	0.90042	53.977	53.294
In2306	230.606 {4	Cts/S	8137	6.7109	0.08247	8141.7	8132.2
Y_2243	224.306 {4	Cts/S	11575	4.6818	0.04045	11578	11571
Y_3600	360.073 { 9	Cts/S	48254	105.3	0.21822	48180	48329
Y_3710	371.030 { 9	Cts/S	7956.1	7.8006	0.09805	7961.6	7950.5

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.514	0.0011	0.2169	0.5132	0.5148
Al3082	308.215 {1	In2306	ppm	10.89	0.297	2.726	11.1	10.68
As1890	189.042 {4	Y_2243	ppm	1.042	0.0064	0.6106	1.038	1.047
B_2496	249.678 {1	Y_3710	ppm	1.17	0.0089	0.7628	1.164	1.177
Ba4554	455.403 { 7	Y_3710	ppm	1.145	0.0043	0.373	1.148	1.142
Be3130	313.042 {1	Y_3710	ppm	0.494	0.0006	0.1194	0.4944	0.4936
Ca3158	315.887 {1	In2306	ppm	121.1	3.018	2.491	123.3	119
Ca3181	318.128 {1	In2306	ppm	121.9	2.696	2.213	123.8	120
Cd2288	228.802 {4	Y_2243	ppm	0.5015	0.0004	0.0879	0.5012	0.5018
Co2286	228.616 {4	In2306	ppm	1.029	0.0009	0.0911	1.03	1.028
Cr2677	267.716 {1	Y_3600	ppm	0.9581	0.0013	0.1339	0.9572	0.959
Cu3247	324.754 {1	Y_3600	ppm	1.052	0.0012	0.1184	1.053	1.051
Fe2404	240.488 {1	In2306	ppm	12.57	0.3292	2.619	12.8	12.34
K_7664	766.490 { 4	Y_3710	ppm	11.31	0.08	0.7074	11.36	11.25
K_7698	769.896 { 4	Y_3710	ppm	11.4	0.0386	0.3385	11.42	11.37
Li6707	670.784 { 5	Y_3710	ppm	0.5514	0.0024	0.436	0.5531	0.5497
Mg2790	279.079 {1	Y_3710	ppm	37.4	0.2374	0.6347	37.57	37.23
Mn2576	257.610 {1	Y_3600	ppm	1.565	0.0038	0.2418	1.562	1.567
Mn2576-2	257.610 {1	Y_3710	ppm	1.535	0.0071	0.4656	1.54	1.53
Mo2020	202.030 {4	Y_2243	ppm	0.9606	0.0039	0.4112	0.9578	0.9634
Na5895	589.592 { 5	Y_3710	ppm	240.5	3.222	1.339	242.8	238.3
Na8183	818.326 { 4	Y_3710	ppm	275.9	0.954	0.3458	276.5	275.2
Ni2316	231.604 {4	In2306	ppm	0.9891	0.0051	0.5196	0.9855	0.9927
P_1782	178.284 {4	In2306	ppm	0.0801	0.0014	1.725	0.0811	0.0791
Pb2203	220.353 {4	In2306	ppm	0.9737	0.0036	0.3744	0.9711	0.9762
S_1820	182.034 {4	Y_2243	ppm	-1342	4.654	0.3468	-1339	-1345
Sb2068	206.833 {4	Y_2243	ppm	0.9831	0.0027	0.2744	0.9812	0.985
Se1960	196.090 {4	Y_2243	ppm	1.019	0.0067	0.6535	1.014	1.024
Si2516	251.611 {1	Y_3710	ppm	11.21	0.1084	0.9666	11.29	11.14
Sn1899	189.989 {4	In2306	ppm	1.033	0.0027	0.2622	1.035	1.031
Sr4215	421.552 { 8	Y_3710	ppm	1.121	0.0031	0.2771	1.123	1.119
Ti3349	334.904 {1	Y_3600	ppm	0.9918	0.0005	0.053	0.9922	0.9915

Tl1908	190.856 {4	In2306	ppm	0.9588	0.0088	0.9151	0.965	0.9526
V_2924	292.402 {1	Y_3600	ppm	0.9925	0.0026	0.2585	0.9907	0.9943
Zn2062	206.200 {4	In2306	ppm	1.035	0.0011	0.1074	1.036	1.035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.509	1.5496	2.896	52.414	54.605
In2306	230.606 {4	Cts/S	8133.7	1.6023	0.0197	8134.8	8132.5
Y_2243	224.306 {4	Cts/S	11557	23.34	0.20195	11574	11541
Y_3600	360.073 { 9	Cts/S	48083	93.22	0.19387	48017	48149
Y_3710	371.030 { 9	Cts/S	7898.6	31.371	0.39718	7876.4	7920.8

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0001	14.22	0.0006	0.0007
Al3082	308.215 {1	In2306	ppm	0.0158	0.0139	88.01	0.006	0.0257
As1890	189.042 {4	Y_2243	ppm	0.0311	0.0061	19.73	0.0267	0.0354
B_2496	249.678 {1	Y_3710	ppm	0.129	0.0161	12.5	0.1404	0.1176
Ba4554	455.403 { 7	Y_3710	ppm	0.3414	0.0009	0.2699	0.3407	0.342
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	49.65	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	148.4	0.0868	0.0585	148.3	148.4
Ca3181	318.128 {1	In2306	ppm	149.8	0.2607	0.1741	149.6	150
Cd2288	228.802 {4	Y_2243	ppm	0.0026	0.0032	122.4	0.0004	0.0049
Co2286	228.616 {4	In2306	ppm	0.0142	0.0068	48.04	0.0094	0.019
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0004	46.9	0.0012	0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0001	17.24	-0.0004	-0.0006
Fe2404	240.488 {1	In2306	ppm	1.634	0.0125	0.767	1.643	1.625
K_7664	766.490 { 4	Y_3710	ppm	1.545	0.0374	2.417	1.519	1.572
K_7698	769.896 { 4	Y_3710	ppm	1.29	0.0248	1.922	1.272	1.307
Li6707	670.784 { 5	Y_3710	ppm	0.0421	0.0009	2.21	0.0414	0.0428
Mg2790	279.079 {1	Y_3710	ppm	35.01	0.1933	0.5519	35.15	34.88
Mn2576	257.610 {1	Y_3600	ppm	0.5251	0.0015	0.2774	0.5262	0.5241
Mn2576-2	257.610 {1	Y_3710	ppm	0.5122	0.0035	0.6828	0.5147	0.5097
Mo2020	202.030 {4	Y_2243	ppm	0.0087	0.0082	94.64	0.0029	0.0145
Na5895	589.592 { 5	Y_3710	ppm	249.8	4.776	1.912	253.1	246.4
Na8183	818.326 { 4	Y_3710	ppm	298.9	3.436	1.15	296.4	301.3
Ni2316	231.604 {4	In2306	ppm	0.0066	0.0064	96.73	0.0021	0.0111
P_1782	178.284 {4	In2306	ppm	0.0889	0.0013	1.475	0.0898	0.088
Pb2203	220.353 {4	In2306	ppm	0.0038	0.0046	121.1	0.0005	0.007
S_1820	182.034 {4	Y_2243	ppm	-700.9	1.293	0.1845	-700	-701.9
Sb2068	206.833 {4	Y_2243	ppm	0.0209	0.0052	24.87	0.0173	0.0246
Se1960	196.090 {4	Y_2243	ppm	0.0046	0.0045	98.86	0.0014	0.0078
Si2516	251.611 {1	Y_3710	ppm	9.946	0.0137	0.1376	9.937	9.956
Sn1899	189.989 {4	In2306	ppm	0.0079	0.0086	109	0.0018	0.0139
Sr4215	421.552 { 8	Y_3710	ppm	0.7267	0.0009	0.1176	0.7261	0.7273

Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0001	3.92	0.0031	0.0032
Tl1908	190.856 {4	In2306	ppm	0.0109	0.0124	113.7	0.0021	0.0196
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0	7.979	-0.0004	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0246	0.0068	27.56	0.0198	0.0294

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.518	0.73192	1.3184	56.035	55
In2306	230.606 {4	Cts/S	8106.2	2.0023	0.0247	8104.8	8107.6
Y_2243	224.306 {4	Cts/S	11316	14.427	0.1275	11306	11326
Y_3600	360.073 { 9	Cts/S	48885	161.09	0.32953	48999	48771
Y_3710	371.030 { 9	Cts/S	8012	13.859	0.17297	8021.8	8002.2

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Run Time=1/25/2012 11:06:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0005	86.44	-0.0009	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0216	0.0201	93.24	0.0358	0.0074
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0004	33.3	0.0014	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0824	0.0024	2.91	0.0841	0.0807
Ba4554	455.403 { 7	Y_3710	ppm	0.3211	0.0017	0.5402	0.3223	0.3199
Be3130	313.042 {1	Y_3710	ppm	0	0	44.58	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	913.9	0.6394	0.07	913.4	914.3
Ca3181	318.128 {1	In2306	ppm	939.3	2.316	0.2466	937.7	940.9
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	49.72	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0009	0.0004	46.92	0.0006	0.0012
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0004	70.78	0.0009	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.001	0.0005	43.46	-0.0014	-0.0007
Fe2404	240.488 {1	In2306	ppm	0.0961	0.01	10.38	0.0891	0.1032
K_7664	766.490 { 4	Y_3710	ppm	3.157	0.075	2.374	3.21	3.104
K_7698	769.896 { 4	Y_3710	ppm	2.987	0.0883	2.954	3.05	2.925
Li6707	670.784 { 5	Y_3710	ppm	0.0848	0.0027	3.21	0.0868	0.0829
Mg2790	279.079 {1	Y_3710	ppm	82.43	0.2199	0.2668	82.28	82.59
Mn2576	257.610 {1	Y_3600	ppm	0.0511	0.0002	0.3288	0.0512	0.051
Mn2576-2	257.610 {1	Y_3710	ppm	0.0518	0.0011	2.041	0.0525	0.051
Mo2020	202.030 {4	Y_2243	ppm	0.0012	0.0005	40.99	0.0009	0.0015
Na5895	589.592 { 5	Y_3710	ppm	562.7	6.974	1.239	557.7	567.6
Na8183	818.326 { 4	Y_3710	ppm	783.5	9.704	1.238	790.4	776.7
Ni2316	231.604 {4	In2306	ppm	0.0009	0.0004	40.08	0.0011	0.0006
P_1782	178.284 {4	In2306	ppm	0.0928	0.0032	3.434	0.0951	0.0906
Pb2203	220.353 {4	In2306	ppm	-0.0008	0.0003	37.41	-0.0006	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-1913	45.89	2.399	-1945	-1880
Sb2068	206.833 {4	Y_2243	ppm	0.0051	0.0021	42.07	0.0036	0.0066
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0001	28.14	0.0003	0.0005
Si2516	251.611 {1	Y_3710	ppm	6.779	0.0111	0.1638	6.787	6.771
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	57.8	0.0001	0.0003

Sr4215	421.552 { 8	Y_3710	ppm	3.161	0.0144	0.4548	3.171	3.151
Ti3349	334.904 {1	Y_3600	ppm	0.0041	0.0001	1.501	0.0041	0.004
Tl1908	190.856 {4	In2306	ppm	0.0024	0.0013	54.53	0.0015	0.0034
V_2924	292.402 {1	Y_3600	ppm	-0.0008	0.0002	22.06	-0.0007	-0.001
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0003	8.594	0.0029	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.918	0.56986	1.1416	49.516	50.321
In2306	230.606 {4	Cts/S	6939.5	110.06	1.586	6861.6	7017.3
Y_2243	224.306 {4	Cts/S	10064	202.74	2.0144	9920.9	10208
Y_3600	360.073 { 9	Cts/S	49057	310.55	0.63304	48838	49277
Y_3710	371.030 { 9	Cts/S	7728.4	22.573	0.29208	7712.4	7744.4

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:09:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	61.8	0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	0.0261	0.0216	82.88	0.0108	0.0414
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0001	154.5	0	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.1529	0.0014	0.9381	0.1519	0.154
Ba4554	455.403 { 7	Y_3710	ppm	0.2051	0.0007	0.3281	0.2056	0.2046
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	868.8	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	126.3	1.984	1.57	124.9	127.7
Ca3181	318.128 {1	In2306	ppm	126.8	2.445	1.928	125.1	128.6
Cd2288	228.802 {4	Y_2243	ppm	0	0	64.03	0	0
Co2286	228.616 {4	In2306	ppm	0.0042	0.0002	4.216	0.0043	0.0041
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0004	49.98	0.001	0.0005
Cu3247	324.754 {1	Y_3600	ppm	-0.0006	0.0001	24.83	-0.0007	-0.0005
Fe2404	240.488 {1	In2306	ppm	-0.0058	0.0038	66.36	-0.0085	-0.0031
K_7664	766.490 { 4	Y_3710	ppm	1.521	0.0125	0.82	1.53	1.512
K_7698	769.896 { 4	Y_3710	ppm	1.226	0.0112	0.9095	1.234	1.219
Li6707	670.784 { 5	Y_3710	ppm	0.0416	0.0005	1.123	0.0419	0.0412
Mg2790	279.079 {1	Y_3710	ppm	35.35	0.2072	0.5861	35.5	35.2
Mn2576	257.610 {1	Y_3600	ppm	0.0667	0.0001	0.1439	0.0666	0.0667
Mn2576-2	257.610 {1	Y_3710	ppm	0.0646	0.0019	2.969	0.0632	0.0659
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0001	21.65	0.0006	0.0008
Na5895	589.592 { 5	Y_3710	ppm	260.2	13.7	5.267	269.9	250.5
Na8183	818.326 { 4	Y_3710	ppm	311.4	1.055	0.3386	312.2	310.7
Ni2316	231.604 {4	In2306	ppm	0.0021	0.0002	9.077	0.002	0.0023
P_1782	178.284 {4	In2306	ppm	0.0481	0.0007	1.443	0.0486	0.0476
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0001	26.86	-0.0003	-0.0004
S_1820	182.034 {4	Y_2243	ppm	-970	4.272	0.4404	-967	-973
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0012	44.59	0.0037	0.0019
Se1960	196.090 {4	Y_2243	ppm	-0.0003	0.0004	149.8	0	-0.0005
Si2516	251.611 {1	Y_3710	ppm	9.696	0.0581	0.5994	9.655	9.737

Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0001	42.3	-0.0004	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.7022	0.0023	0.3305	0.7038	0.7005
Ti3349	334.904 {1	Y_3600	ppm	0.0012	0.0005	46.63	0.0016	0.0008
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0007	97.54	-0.0013	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	981.4	0.0001	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0143	0.0003	1.774	0.0145	0.0141

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.079	0.89227	1.7133	52.71	51.449
In2306	230.606 {4	Cts/S	8123.3	18.491	0.22763	8136.4	8110.2
Y_2243	224.306 {4	Cts/S	11293	57.883	0.51258	11333	11252
Y_3600	360.073 { 9	Cts/S	49146	32.804	0.06675	49169	49122
Y_3710	371.030 { 9	Cts/S	7960.7	14.629	0.18376	7950.4	7971.1

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Custom ID3=
Run Time=1/25/2012 11:12:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0009	150.9	0	0.0013
Al3082	308.215 {1	In2306	ppm	0.0855	0.0638	74.64	0.1307	0.0404
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0009	100.2	0.0015	0.0003
B_2496	249.678 {1	Y_3710	ppm	0.2051	0.0119	5.799	0.1966	0.2135
Ba4554	455.403 { 7	Y_3710	ppm	0.3658	0.0056	1.527	0.3698	0.3619
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	40.33	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	289.6	0.2067	0.0714	289.7	289.5
Ca3181	318.128 {1	In2306	ppm	293.7	0.336	0.1144	293.4	293.9
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	255	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0007	0	4.864	0.0008	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0006	78.09	0.0012	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0009	0.0002	25.29	-0.0008	-0.0011
Fe2404	240.488 {1	In2306	ppm	0.5651	0.0016	0.2827	0.5662	0.5639
K_7664	766.490 { 4	Y_3710	ppm	1.674	0.0881	5.264	1.736	1.612
K_7698	769.896 { 4	Y_3710	ppm	1.441	0.0974	6.76	1.51	1.372
Li6707	670.784 { 5	Y_3710	ppm	0.0775	0.0051	6.632	0.0812	0.0739
Mg2790	279.079 {1	Y_3710	ppm	83.66	0.0172	0.0206	83.67	83.65
Mn2576	257.610 {1	Y_3600	ppm	0.6852	0.0022	0.3177	0.6868	0.6837
Mn2576-2	257.610 {1	Y_3710	ppm	0.6718	0.0001	0.0155	0.6719	0.6718
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	69.21	0.0003	0.0001
Na5895	589.592 { 5	Y_3710	ppm	413.5	19.41	4.692	427.3	399.8
Na8183	818.326 { 4	Y_3710	ppm	540.2	17.01	3.148	552.2	528.2
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0003	192.4	0.0004	-0.0001
P_1782	178.284 {4	In2306	ppm	0.147	0.0008	0.5622	0.1476	0.1464
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0012	173.5	0.0002	-0.0015
S_1820	182.034 {4	Y_2243	ppm	-1772	0.5992	0.0338	-1773	-1772
Sb2068	206.833 {4	Y_2243	ppm	0.001	0.0011	110.2	0.0002	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0001	14.45	0.0004	0.0003

Si2516	251.611 {1	Y_3710	ppm	11.21	0.1461	1.303	11.31	11.11
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0003	201.1	-0.0001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	1.634	0.0202	1.239	1.648	1.619
Ti3349	334.904 {1	Y_3600	ppm	0.0023	0.0009	39.7	0.003	0.0017
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0012	222.8	0.0003	-0.0014
V_2924	292.402 {1	Y_3600	ppm	-0.0014	0.0002	16.59	-0.0016	-0.0013
Zn2062	206.200 {4	In2306	ppm	0.0055	0	0.776	0.0055	0.0055

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.254	1.4285	2.8426	49.244	51.264
In2306	230.606 {4	Cts/S	7511	21.447	0.28554	7526.2	7495.9
Y_2243	224.306 {4	Cts/S	10707	50.105	0.46795	10743	10672
Y_3600	360.073 { 9	Cts/S	48735	186.25	0.38217	48604	48867
Y_3710	371.030 { 9	Cts/S	7803.2	104.74	1.3423	7729.2	7877.3

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0008	631.4	-0.0004	0.0007
Al3082	308.215 {1	In2306	ppm	0.0016	0.0328	2001	0.0248	-0.0215
As1890	189.042 {4	Y_2243	ppm	-0.0005	0.0004	80.11	-0.0007	-0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0142	0.0019	13.72	0.0156	0.0128
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0	4.151	0.0009	0.001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	31.87	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.029	0.0068	23.54	0.0241	0.0338
Ca3181	318.128 {1	In2306	ppm	0.1841	0.0013	0.6934	0.185	0.1832
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	61.58	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	0	0	99.34	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0004	173.6	0.0001	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0004	0.0001	24.61	0.0003	0.0005
Fe2404	240.488 {1	In2306	ppm	0.0103	0.0187	182.4	0.0235	-0.003
K_7664	766.490 { 4	Y_3710	ppm	0.0296	0.0127	42.74	0.0386	0.0207
K_7698	769.896 { 4	Y_3710	ppm	-0.2906	0.0011	0.3916	-0.2898	-0.2914
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	43.11	0.0002	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0145	0.0442	304.1	-0.0167	0.0458
Mn2576	257.610 {1	Y_3600	ppm	0.0031	0.0001	3.508	0.003	0.0031
Mn2576-2	257.610 {1	Y_3710	ppm	0.0026	0.0008	29.23	0.0032	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	12.83	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.434	0.0011	0.2589	0.4332	0.4348
Na8183	818.326 { 4	Y_3710	ppm	0.3759	0.0182	4.842	0.363	0.3888
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	218.2	0.0002	0
P_1782	178.284 {4	In2306	ppm	0.0047	0.0032	67.8	0.0024	0.0069
Pb2203	220.353 {4	In2306	ppm	0.0011	0.0008	77.52	0.0005	0.0017
S_1820	182.034 {4	Y_2243	ppm	-45.21	51.38	113.7	-8.873	-81.54
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0001	7.963	0.0014	0.0016

Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0003	33.43	-0.0007	-0.0011
Si2516	251.611 {1	Y_3710	ppm	0.0679	0.0116	17.04	0.0597	0.076
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0002	53.85	-0.0003	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	222.7	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0004	110.7	-0.0001	-0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0008	0	0.834	-0.0008	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0002	53.83	0.0003	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0023	0.0002	7.757	0.0022	0.0024

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.51	0.04492	0.08241	54.542	54.478
In2306	230.606 {4	Cts/S	9788.4	347.83	3.5535	10034	9542.5
Y_2243	224.306 {4	Cts/S	12533	152.87	1.2197	12641	12425
Y_3600	360.073 { 9	Cts/S	46412	725.62	1.5634	46925	45899
Y_3710	371.030 { 9	Cts/S	8291.1	8.4576	0.10201	8297.1	8285.1

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:17:23
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2418	0.0021	0.8513	0.2403	0.2432
Al3082	308.215 {1	In2306	ppm	2.545	0.1773	6.967	2.42	2.671
As1890	189.042 {4	Y_2243	ppm	0.4584	0.0036	0.7754	0.461	0.4559
B_2496	249.678 {1	Y_3710	ppm	0.4664	0.0296	6.342	0.4455	0.4873
Ba4554	455.403 { 7	Y_3710	ppm	0.4716	0.0227	4.822	0.4556	0.4877
Be3130	313.042 {1	Y_3710	ppm	0.474	0.0199	4.207	0.4599	0.4881
Ca3158	315.887 {1	In2306	ppm	12.4	0.6907	5.572	11.91	12.88
Ca3181	318.128 {1	In2306	ppm	12.6	0.7161	5.683	12.1	13.11
Cd2288	228.802 {4	Y_2243	ppm	0.4624	0.0077	1.656	0.4678	0.457
Co2286	228.616 {4	In2306	ppm	0.4686	0.0091	1.941	0.475	0.4622
Cr2677	267.716 {1	Y_3600	ppm	0.4896	0.0013	0.273	0.4906	0.4887
Cu3247	324.754 {1	Y_3600	ppm	0.4884	0.0034	0.6884	0.4908	0.486
Fe2404	240.488 {1	In2306	ppm	2.396	0.1407	5.875	2.296	2.495
K_7664	766.490 { 4	Y_3710	ppm	12.91	0.7334	5.679	12.4	13.43
K_7698	769.896 { 4	Y_3710	ppm	13.06	0.7816	5.985	12.51	13.61
Li6707	670.784 { 5	Y_3710	ppm	0.5105	0.0341	6.688	0.4864	0.5347
Mg2790	279.079 {1	Y_3710	ppm	4.607	0.1682	3.651	4.488	4.726
Mn2576	257.610 {1	Y_3600	ppm	0.482	0.002	0.4243	0.4805	0.4834
Mn2576-2	257.610 {1	Y_3710	ppm	0.4359	0.0201	4.622	0.4216	0.4501
Mo2020	202.030 {4	Y_2243	ppm	0.4602	0.0095	2.072	0.467	0.4535
Na5895	589.592 { 5	Y_3710	ppm	12.83	0.7648	5.963	12.29	13.37
Na8183	818.326 { 4	Y_3710	ppm	12.36	0.5492	4.442	11.97	12.75
Ni2316	231.604 {4	In2306	ppm	0.4557	0.0098	2.15	0.4627	0.4488
P_1782	178.284 {4	In2306	ppm	0.0002	0.001	422.7	-0.0005	0.0009
Pb2203	220.353 {4	In2306	ppm	0.4619	0.0094	2.03	0.4685	0.4552
S_1820	182.034 {4	Y_2243	ppm	-45.52	5.785	12.71	-41.43	-49.61

Sb2068	206.833 {4	Y_2243	ppm	0.4477	0.0059	1.32	0.4519	0.4435
Se1960	196.090 {4	Y_2243	ppm	0.4639	0.0039	0.8427	0.4667	0.4611
Si2516	251.611 {1	Y_3710	ppm	0.7653	0.0639	8.346	0.7201	0.8105
Sn1899	189.989 {4	In2306	ppm	0.4755	0.012	2.52	0.484	0.467
Sr4215	421.552 { 8	Y_3710	ppm	0.2377	0.0113	4.767	0.2297	0.2457
Ti3349	334.904 {1	Y_3600	ppm	0.5038	0.0001	0.0112	0.5039	0.5038
Tl1908	190.856 {4	In2306	ppm	0.4555	0.0187	4.111	0.4688	0.4423
V_2924	292.402 {1	Y_3600	ppm	0.5032	0.0008	0.1684	0.5038	0.5026
Zn2062	206.200 {4	In2306	ppm	0.4628	0.0106	2.293	0.4703	0.4553

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.29	2.4775	4.4808	57.042	53.538
In2306	230.606 {4	Cts/S	9625.5	177.7	1.8461	9751.2	9499.9
Y_2243	224.306 {4	Cts/S	12666	252.33	1.9922	12844	12487
Y_3600	360.073 { 9	Cts/S	47079	7.388	0.01569	47085	47074
Y_3710	371.030 { 9	Cts/S	8229.1	146.34	1.7784	8332.6	8125.6

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:19:50
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0056	0.0001	2.123	0.0055	0.0057
Al3082	308.215 {1	In2306	ppm	0.09	0.0209	23.27	0.1048	0.0752
As1890	189.042 {4	Y_2243	ppm	0.0088	0.0004	4.723	0.0085	0.0091
B_2496	249.678 {1	Y_3710	ppm	0.0095	0.0076	79.95	0.0041	0.0149
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0001	0.6539	0.0101	0.01
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.2467	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0817	0.0061	7.5	0.0774	0.0861
Ca3181	318.128 {1	In2306	ppm	0.2057	0.0146	7.1	0.1954	0.216
Cd2288	228.802 {4	Y_2243	ppm	0.0049	0.0004	8.459	0.0046	0.0052
Co2286	228.616 {4	In2306	ppm	0.0098	0.0002	2.105	0.0097	0.01
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0006	6.353	0.0093	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0082	0.0005	6.561	0.0086	0.0078
Fe2404	240.488 {1	In2306	ppm	0.0826	0.0306	37	0.1042	0.061
K_7664	766.490 { 4	Y_3710	ppm	0.628	0.0058	0.92	0.6321	0.6239
K_7698	769.896 { 4	Y_3710	ppm	0.3622	0.0056	1.556	0.3582	0.3662
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0001	0.8496	0.01	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.072	0.0111	15.44	0.0799	0.0642
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	1.002	0.01	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0092	0	0.0382	0.0092	0.0092
Mo2020	202.030 {4	Y_2243	ppm	0.0108	0.0005	4.182	0.0105	0.0111
Na5895	589.592 { 5	Y_3710	ppm	0.7805	0.0093	1.196	0.7871	0.7739
Na8183	818.326 { 4	Y_3710	ppm	1.072	0.031	2.888	1.05	1.094
Ni2316	231.604 {4	In2306	ppm	0.0098	0.0001	1.423	0.0097	0.0099
P_1782	178.284 {4	In2306	ppm	0.0116	0.0004	3.618	0.0113	0.0119
Pb2203	220.353 {4	In2306	ppm	0.0101	0.0004	4.088	0.0098	0.0104

S_1820	182.034 {4	Y_2243	ppm	-0.1892	0.0204	10.8	-0.1747	-0.2036
Sb2068	206.833 {4	Y_2243	ppm	0.0167	0.0004	2.646	0.017	0.0164
Se1960	196.090 {4	Y_2243	ppm	0.0094	0.002	21.58	0.0079	0.0108
Si2516	251.611 {1	Y_3710	ppm	-0.0079	0.0118	149.2	0.0004	-0.0162
Sn1899	189.989 {4	In2306	ppm	0.0098	0.0003	3.035	0.0096	0.01
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	3.137	0.0048	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0004	4.043	0.0105	0.0099
Tl1908	190.856 {4	In2306	ppm	0.0122	0.0011	9.195	0.0114	0.013
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0001	1.118	0.0099	0.01
Zn2062	206.200 {4	In2306	ppm	0.0086	0.0003	3.015	0.0084	0.0088

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.006	0.48401	0.87992	54.664	55.349
In2306	230.606 {4	Cts/S	10266	101.37	0.98739	10194	10338
Y_2243	224.306 {4	Cts/S	13000	120.52	0.92703	12915	13085
Y_3600	360.073 { 9	Cts/S	45735	76.482	0.16723	45681	45789
Y_3710	371.030 { 9	Cts/S	8360.9	0.68134	0.00815	8360.4	8361.4

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0005	1069	-0.0003	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0144	0.0135	93.42	-0.024	-0.0049
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0004	28.62	0.0012	0.0018
B_2496	249.678 {1	Y_3710	ppm	0.0008	0.012	1492	0.0093	-0.0077
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	265.8	0	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	6.042	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0188	0.031	164.7	-0.0031	0.0407
Ca3181	318.128 {1	In2306	ppm	0.082	0.0027	3.292	0.0839	0.08
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0003	148.7	0	0.0004
Co2286	228.616 {4	In2306	ppm	0.0004	0.0004	84.77	0.0002	0.0007
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0.0004	46.02	-0.0005	-0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0008	0	4.792	-0.0007	-0.0008
Fe2404	240.488 {1	In2306	ppm	-0.0007	0.0054	788.8	0.0031	-0.0045
K_7664	766.490 { 4	Y_3710	ppm	0.0085	0.0035	40.93	0.006	0.0109
K_7698	769.896 { 4	Y_3710	ppm	-0.0159	0.0032	19.84	-0.0137	-0.0182
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0004	113.8	0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0165	0.0402	243.5	0.0119	-0.0449
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	24.39	0.0001	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0009	136.8	0	0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0008	0.0008	97.67	0.0002	0.0013
Na5895	589.592 { 5	Y_3710	ppm	0.1638	0.003	1.847	0.1617	0.1659
Na8183	818.326 { 4	Y_3710	ppm	-0.0189	0.0779	412.9	0.0362	-0.0739
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0003	147.9	0	0.0005
P_1782	178.284 {4	In2306	ppm	0.0011	0.0003	30.21	0.0014	0.0009

Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0001	56.75	-0.0004	-0.0002
S_1820	182.034 {4	Y_2243	ppm	-0.7509	0.1212	16.14	-0.6652	-0.8367
Sb2068	206.833 {4	Y_2243	ppm	0.0041	0	1.153	0.0041	0.004
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0004	31.83	-0.0017	-0.0011
Si2516	251.611 {1	Y_3710	ppm	0.0009	0.0228	2609	-0.0152	0.017
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0006	96.61	0.0002	0.001
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	99.76	0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0005	88.29	-0.0002	-0.001
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0008	604.1	-0.0004	0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0004	80.82	0.0002	0.0008
Zn2062	206.200 {4	In2306	ppm	0.0006	0.0004	62.35	0.0003	0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.608	0.15318	0.2706	56.5	56.717
In2306	230.606 {4	Cts/S	10034	187.19	1.8655	10167	9901.9
Y_2243	224.306 {4	Cts/S	12688	211.92	1.6703	12838	12538
Y_3600	360.073 { 9	Cts/S	45517	131.86	0.28969	45424	45610
Y_3710	371.030 { 9	Cts/S	8165.5	89.238	1.0929	8102.4	8228.6

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:25:09
Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	406.7	0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0578	0.0587	101.6	0.0163	0.0993
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0001	4.205	0.0016	0.0015
B_2496	249.678 {1	Y_3710	ppm	0.2176	0.0077	3.559	0.2231	0.2121
Ba4554	455.403 { 7	Y_3710	ppm	0.3995	0.0018	0.455	0.3982	0.4007
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	44.44	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	294.8	8.247	2.798	289	300.6
Ca3181	318.128 {1	In2306	ppm	300.4	8.261	2.75	294.6	306.3
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	237.8	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0007	0.0001	8.137	0.0008	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	20050	-0.0003	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	9.27	-0.0014	-0.0016
Fe2404	240.488 {1	In2306	ppm	0.5781	0.0304	5.252	0.5996	0.5567
K_7664	766.490 { 4	Y_3710	ppm	1.637	0.0217	1.324	1.622	1.653
K_7698	769.896 { 4	Y_3710	ppm	1.353	0.0088	0.6531	1.347	1.359
Li6707	670.784 { 5	Y_3710	ppm	0.075	0.001	1.294	0.0743	0.0756
Mg2790	279.079 {1	Y_3710	ppm	85.16	0.028	0.0329	85.18	85.14
Mn2576	257.610 {1	Y_3600	ppm	0.6948	0.0022	0.32	0.6964	0.6932
Mn2576-2	257.610 {1	Y_3710	ppm	0.686	0.0002	0.035	0.6859	0.6862
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	44.39	0.0003	0.0002
Na5895	589.592 { 5	Y_3710	ppm	408.6	1.961	0.48	407.2	409.9
Na8183	818.326 { 4	Y_3710	ppm	536.7	3.246	0.6048	534.4	539
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	70.97	-0.0001	0

P_1782	178.284 {4	In2306	ppm	0.1451	0.0009	0.6127	0.1457	0.1445
Pb2203	220.353 {4	In2306	ppm	-0.0018	0.0009	51.18	-0.0011	-0.0024
S_1820	182.034 {4	Y_2243	ppm	-1754	37.33	2.129	-1780	-1727
Sb2068	206.833 {4	Y_2243	ppm	0.0002	0.0005	266.7	-0.0002	0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.001	468.2	-0.0005	0.0009
Si2516	251.611 {1	Y_3710	ppm	10.87	0.1137	1.046	10.95	10.79
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0003	94.31	-0.0006	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.63	0.0009	0.0572	1.629	1.631
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0004	18.31	0.0019	0.0025
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0002	17.14	0.0015	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0007	0.0005	65.53	-0.001	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0115	0.0002	1.933	0.0116	0.0113

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.659	2.0235	3.917	53.09	50.228
In2306	230.606 {4	Cts/S	7572.6	5.5533	0.07333	7568.7	7576.5
Y_2243	224.306 {4	Cts/S	10844	19.962	0.18407	10830	10858
Y_3600	360.073 { 9	Cts/S	49064	210.05	0.42813	49212	48915
Y_3710	371.030 { 9	Cts/S	7967.2	33.977	0.42645	7991.3	7943.2

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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5087	0.001	0.2022	0.5094	0.508
Al3082	308.215 {1	In2306	ppm	10.76	0.1289	1.198	10.67	10.85
As1890	189.042 {4	Y_2243	ppm	1.035	0.0045	0.4337	1.032	1.038
B_2496	249.678 {1	Y_3710	ppm	1.152	0.0073	0.6381	1.157	1.146
Ba4554	455.403 { 7	Y_3710	ppm	1.137	0.006	0.5237	1.132	1.141
Be3130	313.042 {1	Y_3710	ppm	0.4879	0.0005	0.0932	0.4876	0.4882
Ca3158	315.887 {1	In2306	ppm	117.7	3.797	3.227	120.4	115
Ca3181	318.128 {1	In2306	ppm	118.9	4.334	3.644	122	115.9
Cd2288	228.802 {4	Y_2243	ppm	0.504	0.0013	0.2545	0.5049	0.5031
Co2286	228.616 {4	In2306	ppm	1.022	0.0013	0.1299	1.023	1.021
Cr2677	267.716 {1	Y_3600	ppm	0.9651	0.0022	0.2244	0.9635	0.9666
Cu3247	324.754 {1	Y_3600	ppm	1.047	0.0006	0.0529	1.047	1.047
Fe2404	240.488 {1	In2306	ppm	12.43	0.3577	2.878	12.68	12.18
K_7664	766.490 { 4	Y_3710	ppm	11.15	0.4124	3.698	10.86	11.44
K_7698	769.896 { 4	Y_3710	ppm	11.23	0.4014	3.576	10.94	11.51
Li6707	670.784 { 5	Y_3710	ppm	1.073	0.0457	4.262	1.041	1.106
Mg2790	279.079 {1	Y_3710	ppm	36.52	0.4174	1.143	36.81	36.22
Mn2576	257.610 {1	Y_3600	ppm	1.557	0.0028	0.1767	1.559	1.555
Mn2576-2	257.610 {1	Y_3710	ppm	1.517	0.0144	0.9487	1.527	1.506
Mo2020	202.030 {4	Y_2243	ppm	0.9445	0.0027	0.2874	0.9464	0.9426
Na5895	589.592 { 5	Y_3710	ppm	227.3	4.13	1.817	224.4	230.2
Na8183	818.326 { 4	Y_3710	ppm	265.4	4.407	1.66	262.3	268.5

Ni2316	231.604 {4	In2306	ppm	0.9907	0.0014	0.1381	0.9897	0.9916
P_1782	178.284 {4	In2306	ppm	1.194	0.0004	0.0332	1.194	1.195
Pb2203	220.353 {4	In2306	ppm	0.9799	0.0008	0.0833	0.9805	0.9793
S_1820	182.034 {4	Y_2243	ppm	-1292	0.3427	0.0265	-1292	-1293
Sb2068	206.833 {4	Y_2243	ppm	0.984	0.0035	0.3552	0.9865	0.9815
Se1960	196.090 {4	Y_2243	ppm	1.005	0.0016	0.1555	1.004	1.006
Si2516	251.611 {1	Y_3710	ppm	11.45	0.0691	0.6031	11.4	11.5
Sn1899	189.989 {4	In2306	ppm	1.014	0.0005	0.0482	1.014	1.013
Sr4215	421.552 { 8	Y_3710	ppm	1.089	0.0066	0.6082	1.084	1.093
Ti3349	334.904 {1	Y_3600	ppm	0.9938	0.002	0.2055	0.9923	0.9952
Tl1908	190.856 {4	In2306	ppm	0.9508	0.0138	1.45	0.9606	0.9411
V_2924	292.402 {1	Y_3600	ppm	0.9965	0.0016	0.1629	0.9976	0.9953
Zn2062	206.200 {4	In2306	ppm	1.042	0.0019	0.1814	1.043	1.04

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.649	0.70738	1.3185	53.149	54.149
In2306	230.606 {4	Cts/S	8183	6.7998	0.0831	8178.1	8187.8
Y_2243	224.306 {4	Cts/S	11607	10.036	0.08647	11600	11614
Y_3600	360.073 { 9	Cts/S	48064	159.42	0.33169	47951	48176
Y_3710	371.030 { 9	Cts/S	7893.1	38.092	0.48259	7920.1	7866.2

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	34.61	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0148	0.0417	282.9	0.0148	-0.0443
As1890	189.042 {4	Y_2243	ppm	0.0045	0.0013	30.19	0.0035	0.0054
B_2496	249.678 {1	Y_3710	ppm	0.0422	0.013	30.89	0.033	0.0514
Ba4554	455.403 { 7	Y_3710	ppm	0.0313	0.0002	0.6348	0.0312	0.0314
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	66.25	-0.0001	-0.0003
Ca3158	315.887 {1	In2306	ppm	21.08	0.4366	2.072	20.77	21.39
Ca3181	318.128 {1	In2306	ppm	21.07	0.4685	2.224	20.74	21.4
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0006	302.9	-0.0002	0.0006
Co2286	228.616 {4	In2306	ppm	0.0038	0.001	27.98	0.003	0.0045
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.001	741	0.0006	-0.0009
Cu3247	324.754 {1	Y_3600	ppm	-0.0023	0.0001	5.159	-0.0022	-0.0023
Fe2404	240.488 {1	In2306	ppm	0.4619	0.0064	1.383	0.4574	0.4664
K_7664	766.490 { 4	Y_3710	ppm	0.0875	0.0084	9.572	0.0816	0.0934
K_7698	769.896 { 4	Y_3710	ppm	-0.1679	0.0212	12.64	-0.1829	-0.1529
Li6707	670.784 { 5	Y_3710	ppm	0.0025	0.0005	21.43	0.0029	0.0021
Mg2790	279.079 {1	Y_3710	ppm	5.133	0.0111	0.2155	5.125	5.141
Mn2576	257.610 {1	Y_3600	ppm	0.1245	0.0002	0.1931	0.1247	0.1243
Mn2576-2	257.610 {1	Y_3710	ppm	0.1154	0.0007	0.6042	0.1159	0.1149
Mo2020	202.030 {4	Y_2243	ppm	0.0037	0.0017	46.83	0.0025	0.0049
Na5895	589.592 { 5	Y_3710	ppm	49.34	0.7827	1.586	48.79	49.89

Na8183	818.326 {	4	Y_3710	ppm	49.87	0.2651	0.5316	49.69	50.06
Ni2316	231.604 {	4	In2306	ppm	0.0013	0.0011	88.6	0.0005	0.0021
P_1782	178.284 {	4	In2306	ppm	0.0142	0.0005	3.66	0.0138	0.0145
Pb2203	220.353 {	4	In2306	ppm	0.001	0.0006	57.24	0.0006	0.0014
S_1820	182.034 {	4	Y_2243	ppm	-250.7	0.7334	0.2925	-251.2	-250.2
Sb2068	206.833 {	4	Y_2243	ppm	0.0092	0.0025	26.8	0.0074	0.0109
Se1960	196.090 {	4	Y_2243	ppm	-0.0007	0.0009	133.3	-0.0013	0
Si2516	251.611 {	1	Y_3710	ppm	2.043	0.0287	1.404	2.023	2.064
Sn1899	189.989 {	4	In2306	ppm	0.0026	0.0015	56.85	0.0015	0.0036
Sr4215	421.552 {	8	Y_3710	ppm	0.1223	0.0001	0.1139	0.1222	0.1223
Ti3349	334.904 {	1	Y_3600	ppm	0.0017	0.0004	23.48	0.002	0.0014
Tl1908	190.856 {	4	In2306	ppm	0.0051	0.0045	89.18	0.0019	0.0083
V_2924	292.402 {	1	Y_3600	ppm	0.0003	0.0003	126.4	0	0.0005
Zn2062	206.200 {	4	In2306	ppm	0.0053	0.0009	16.84	0.0047	0.006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {	1	Cts/S	56.418	1.7132	3.0366	57.629	55.206
In2306	230.606 {	4	Cts/S	9336.2	12.827	0.13739	9345.3	9327.1
Y_2243	224.306 {	4	Cts/S	12394	18.07	0.1458	12407	12381
Y_3600	360.073 {	9	Cts/S	47412	39.453	0.08321	47440	47384
Y_3710	371.030 {	9	Cts/S	8269.4	49.378	0.59712	8304.3	8234.5

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:32:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {	1	Y_3600	ppm	0.2414	0.0007	0.3074	0.2408	0.2419
Al3082	308.215 {	1	In2306	ppm	2.577	0.0517	2.007	2.613	2.54
As1890	189.042 {	4	Y_2243	ppm	0.471	0.0026	0.5454	0.4729	0.4692
B_2496	249.678 {	1	Y_3710	ppm	0.4807	0.0041	0.8535	0.4836	0.4778
Ba4554	455.403 {	7	Y_3710	ppm	0.485	0	0.0085	0.485	0.485
Be3130	313.042 {	1	Y_3710	ppm	0.4944	0.0018	0.3605	0.4931	0.4956
Ca3158	315.887 {	1	In2306	ppm	12.68	0.0639	0.5039	12.73	12.64
Ca3181	318.128 {	1	In2306	ppm	12.91	0.0084	0.0653	12.9	12.91
Cd2288	228.802 {	4	Y_2243	ppm	0.4783	0.0031	0.6508	0.4805	0.4761
Co2286	228.616 {	4	In2306	ppm	0.488	0.0045	0.9235	0.4912	0.4848
Cr2677	267.716 {	1	Y_3600	ppm	0.4985	0.0003	0.0639	0.4987	0.4983
Cu3247	324.754 {	1	Y_3600	ppm	0.4829	0.0014	0.2825	0.4838	0.4819
Fe2404	240.488 {	1	In2306	ppm	2.413	0.0135	0.5585	2.423	2.404
K_7664	766.490 {	4	Y_3710	ppm	13.16	0.153	1.163	13.05	13.27
K_7698	769.896 {	4	Y_3710	ppm	13.24	0.1037	0.7831	13.17	13.32
Li6707	670.784 {	5	Y_3710	ppm	0.516	0.009	1.751	0.5096	0.5224
Mg2790	279.079 {	1	Y_3710	ppm	4.794	0.0263	0.5478	4.813	4.776
Mn2576	257.610 {	1	Y_3600	ppm	0.4868	0.0004	0.0851	0.4871	0.4865
Mn2576-2	257.610 {	1	Y_3710	ppm	0.4528	0.0037	0.8262	0.4554	0.4502
Mo2020	202.030 {	4	Y_2243	ppm	0.4757	0.0051	1.065	0.4793	0.4722

Na5895	589.592 {	5	Y_3710	ppm	13.01	0.1576	1.211	12.9	13.12
Na8183	818.326 {	4	Y_3710	ppm	12.73	0.0714	0.5609	12.68	12.78
Ni2316	231.604 {4		In2306	ppm	0.4741	0.0047	0.987	0.4774	0.4708
P_1782	178.284 {4		In2306	ppm	0.0004	0.0004	100	0.0007	0.0001
Pb2203	220.353 {4		In2306	ppm	0.4768	0.0027	0.5665	0.4787	0.4749
S_1820	182.034 {4		Y_2243	ppm	-42.5	0.7532	1.772	-41.96	-43.03
Sb2068	206.833 {4		Y_2243	ppm	0.4645	0.0084	1.808	0.4704	0.4586
Se1960	196.090 {4		Y_2243	ppm	0.4756	0.004	0.835	0.4784	0.4728
Si2516	251.611 {1		Y_3710	ppm	0.7914	0.0156	1.968	0.7804	0.8024
Sn1899	189.989 {4		In2306	ppm	0.4978	0.004	0.8093	0.5006	0.4949
Sr4215	421.552 {	8	Y_3710	ppm	0.2435	0.0012	0.4802	0.2427	0.2444
Ti3349	334.904 {1		Y_3600	ppm	0.5116	0.0012	0.2343	0.5125	0.5108
Tl1908	190.856 {4		In2306	ppm	0.4882	0.0137	2.816	0.4979	0.4785
V_2924	292.402 {1		Y_3600	ppm	0.5149	0.002	0.3947	0.5163	0.5135
Zn2062	206.200 {4		In2306	ppm	0.4846	0.0048	0.9851	0.488	0.4812

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.318	0.64735	1.1494	56.776	55.861
In2306	230.606 {4	Cts/S	9588.1	3.6514	0.03808	9585.5	9590.7
Y_2243	224.306 {4	Cts/S	12694	4.0219	0.03168	12697	12692
Y_3600	360.073 {	9	Cts/S	46975	92.636	0.1972	47040	46909
Y_3710	371.030 {	9	Cts/S	8148.9	40.473	0.49667	8177.5	8120.3

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Custom ID1=
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Custom ID3=
Run Time=1/25/2012 11:35:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0055	0.0003	4.714	0.0053	0.0057
Al3082	308.215 {1	In2306	ppm	0.1102	0.0556	50.44	0.1496	0.0709
As1890	189.042 {4	Y_2243	ppm	0.0097	0.0001	0.9033	0.0097	0.0096
B_2496	249.678 {1	Y_3710	ppm	0.0116	0.006	51.26	0.0074	0.0158
Ba4554	455.403 {	7	Y_3710	ppm	0.01	0.0002	2.366	0.0102	0.0099
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	1.889	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0977	0.0005	0.4811	0.098	0.0974
Ca3181	318.128 {1	In2306	ppm	0.1937	0.0028	1.463	0.1917	0.1957
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0009	17.25	0.0047	0.0061
Co2286	228.616 {4	In2306	ppm	0.0105	0.0011	10.63	0.0097	0.0113
Cr2677	267.716 {1	Y_3600	ppm	0.0101	0.0001	1.418	0.01	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0079	0.0002	2.279	0.008	0.0078
Fe2404	240.488 {1	In2306	ppm	0.0778	0.004	5.117	0.075	0.0807
K_7664	766.490 {	4	Y_3710	ppm	0.6306	0.0125	1.979	0.6395	0.6218
K_7698	769.896 {	4	Y_3710	ppm	0.3617	0.0295	8.161	0.3826	0.3409
Li6707	670.784 {	5	Y_3710	ppm	0.0097	0.0007	6.745	0.0102	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.026	0.011	42.16	0.0338	0.0183
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0.0001	0.7536	0.0102	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0107	0.001	9.233	0.01	0.0114

Mo2020	202.030 {4	Y_2243	ppm	0.0115	0.0014	12.41	0.0105	0.0125
Na5895	589.592 { 5	Y_3710	ppm	0.7521	0.0261	3.469	0.7706	0.7337
Na8183	818.326 { 4	Y_3710	ppm	0.6736	0.1208	17.93	0.759	0.5882
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0009	8.908	0.0095	0.0108
P_1782	178.284 {4	In2306	ppm	0.0111	0.0002	2.246	0.0109	0.0113
Pb2203	220.353 {4	In2306	ppm	0.0103	0.0002	1.524	0.0102	0.0104
S_1820	182.034 {4	Y_2243	ppm	-0.0032	0.0281	867.4	0.0166	-0.0231
Sb2068	206.833 {4	Y_2243	ppm	0.017	0.0004	2.586	0.0167	0.0173
Se1960	196.090 {4	Y_2243	ppm	0.0098	0.0003	3.118	0.0095	0.01
Si2516	251.611 {1	Y_3710	ppm	-0.0188	0.0028	14.96	-0.0208	-0.0168
Sn1899	189.989 {4	In2306	ppm	0.0108	0.0014	12.7	0.0099	0.0118
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0	0.02	0.0048	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0.0003	2.923	0.0111	0.0107
Tl1908	190.856 {4	In2306	ppm	0.0136	0.0015	11.04	0.0126	0.0147
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0001	0.5185	0.0097	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0092	0.0011	11.91	0.0084	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.392	0.53175	0.92652	57.768	57.016
In2306	230.606 {4	Cts/S	10174	3.1365	0.03083	10176	10172
Y_2243	224.306 {4	Cts/S	12952	15.266	0.11787	12963	12941
Y_3600	360.073 { 9	Cts/S	45879	81.984	0.1787	45937	45821
Y_3710	371.030 { 9	Cts/S	8376.3	34.412	0.41083	8352	8400.6

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	201.2	-0.0001	0.0007
Al3082	308.215 {1	In2306	ppm	0.0192	0.0115	60.22	0.011	0.0273
As1890	189.042 {4	Y_2243	ppm	0.0002	0.0001	28.76	0.0002	0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.0013	0.0007	52.25	-0.0018	-0.0008
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0002	146.3	0	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	15.67	0	0
Ca3158	315.887 {1	In2306	ppm	-0.008	0.002	24.86	-0.0094	-0.0066
Ca3181	318.128 {1	In2306	ppm	0.1423	0.0149	10.47	0.1528	0.1317
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	252.5	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	99.46	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0007	698.6	0.0004	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0003	27.12	-0.0015	-0.001
Fe2404	240.488 {1	In2306	ppm	-0.0236	0.0363	154.1	0.0021	-0.0492
K_7664	766.490 { 4	Y_3710	ppm	0.0076	0.0007	9.165	0.0081	0.0071
K_7698	769.896 { 4	Y_3710	ppm	-0.0425	0.0031	7.404	-0.0447	-0.0403
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0	8.211	0.0004	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.022	0.0244	111.1	0.0393	0.0047
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	3.034	0.0002	0.0002

Mn2576-2	257.610 {1	Y_3710	ppm	-0.0008	0.0007	81.35	-0.0004	-0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0	3.525	0.0005	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.1348	0.0008	0.5749	0.1353	0.1342
Na8183	818.326 { 4	Y_3710	ppm	0.2242	0.1099	49.02	0.3019	0.1465
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	104	0	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0009	187.7	0.0002	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	59.06	0.0003	0.0008
S_1820	182.034 {4	Y_2243	ppm	-0.6399	0.1199	18.74	-0.5551	-0.7247
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0007	30.61	0.0026	0.0017
Se1960	196.090 {4	Y_2243	ppm	-0.002	0.0004	21.03	-0.0023	-0.0017
Si2516	251.611 {1	Y_3710	ppm	-0.0141	0.0147	103.9	-0.0245	-0.0038
Sn1899	189.989 {4	In2306	ppm	0	0.0001	300.9	0	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	644.5	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0	53.54	-0.0001	0
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0006	251.4	0.0002	-0.0006
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	3184	0.0001	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0001	28.99	0.0002	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.829	0.14562	0.26084	55.932	55.726
In2306	230.606 {4	Cts/S	10156	2.7644	0.02722	10154	10158
Y_2243	224.306 {4	Cts/S	12854	14.239	0.11077	12844	12864
Y_3600	360.073 { 9	Cts/S	45424	98.22	0.21623	45494	45355
Y_3710	371.030 { 9	Cts/S	8219.2	59.38	0.72246	8177.2	8261.2

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0004	117	-0.0007	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0591	0.0013	2.284	-0.06	-0.0581
As1890	189.042 {4	Y_2243	ppm	0.0002	0.001	538.6	0.0009	-0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0035	0.0002	4.895	-0.0034	-0.0036
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0003	105.3	0.0001	0.0005
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	6.462	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0033	0.0098	298.9	0.0102	-0.0036
Ca3181	318.128 {1	In2306	ppm	0.1167	0.002	1.728	0.1153	0.1181
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0	17.42	-0.0002	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	41.25	0.0003	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0001	33.06	-0.0005	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0	0.7737	-0.0018	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0212	0.0116	54.95	-0.0129	-0.0294
K_7664	766.490 { 4	Y_3710	ppm	0.0164	0.0012	7.013	0.0156	0.0173
K_7698	769.896 { 4	Y_3710	ppm	-0.2616	0.0048	1.816	-0.2583	-0.265
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0001	13.3	0.0005	0.0004

Mg2790	279.079 {1	Y_3710	ppm	-0.049	0.013	26.5	-0.0399	-0.0582
Mn2576	257.610 {1	Y_3600	ppm	0.0014	0	3.215	0.0013	0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	0.0016	0.0012	75.33	0.0025	0.0007
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	26.3	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.1403	0.0018	1.306	0.139	0.1416
Na8183	818.326 { 4	Y_3710	ppm	0.2243	0.0846	37.71	0.1645	0.2841
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	92.41	0	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0008	121.3	-0.0012	-0.0001
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0008	486.5	-0.0007	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1.364	0.1494	10.95	-1.47	-1.258
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0012	359	0.0012	-0.0005
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0014	103.6	-0.0004	-0.0024
Si2516	251.611 {1	Y_3710	ppm	-0.0081	0.0082	101.7	-0.0139	-0.0023
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	15.69	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	1265	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0001	23.17	-0.0005	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0005	76.04	0.0009	0.0003
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.001	828.5	0.0006	-0.0008
Zn2062	206.200 {4	In2306	ppm	0.0005	0.0001	11.06	0.0005	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.828	0.00594	0.0101	58.832	58.824
In2306	230.606 {4	Cts/S	10258	5.2786	0.05146	10261	10254
Y_2243	224.306 {4	Cts/S	12979	22.857	0.17611	12995	12963
Y_3600	360.073 { 9	Cts/S	46321	288.94	0.62379	46525	46116
Y_3710	371.030 { 9	Cts/S	8428.6	49.823	0.59113	8463.8	8393.3

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:43:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4876	0.0004	0.0872	0.4873	0.4879
Al3082	308.215 {1	In2306	ppm	10.3	0.1176	1.142	10.38	10.21
As1890	189.042 {4	Y_2243	ppm	0.9357	0.0055	0.5929	0.9396	0.9317
B_2496	249.678 {1	Y_3710	ppm	0.9336	0.002	0.2141	0.9322	0.935
Ba4554	455.403 { 7	Y_3710	ppm	0.9695	0.0051	0.5273	0.9659	0.9731
Be3130	313.042 {1	Y_3710	ppm	0.4889	0.0008	0.1581	0.4894	0.4883
Ca3158	315.887 {1	In2306	ppm	9.976	0.1512	1.516	10.08	9.869
Ca3181	318.128 {1	In2306	ppm	10.13	0.1542	1.522	10.24	10.02
Cd2288	228.802 {4	Y_2243	ppm	0.4716	0.0038	0.8042	0.4743	0.469
Co2286	228.616 {4	In2306	ppm	0.9645	0.0046	0.4802	0.9678	0.9612
Cr2677	267.716 {1	Y_3600	ppm	0.9755	0.0014	0.1454	0.9744	0.9765
Cu3247	324.754 {1	Y_3600	ppm	0.9682	0.0052	0.5394	0.9719	0.9645
Fe2404	240.488 {1	In2306	ppm	9.631	0.0907	0.9417	9.695	9.566
K_7664	766.490 { 4	Y_3710	ppm	11.05	0.2076	1.88	10.9	11.19
K_7698	769.896 { 4	Y_3710	ppm	11.03	0.179	1.623	10.9	11.16

Li6707	670.784 { 5	Y_3710	ppm	0.5404	0.01	1.844	0.5334	0.5475
Mg2790	279.079 {1	Y_3710	ppm	9.613	0.0027	0.028	9.615	9.611
Mn2576	257.610 {1	Y_3600	ppm	0.9609	0.0028	0.2925	0.9589	0.9629
Mn2576-2	257.610 {1	Y_3710	ppm	0.9033	0.0018	0.1961	0.9046	0.9021
Mo2020	202.030 {4	Y_2243	ppm	0.9366	0.0091	0.9761	0.9431	0.9302
Na5895	589.592 { 5	Y_3710	ppm	10.94	0.1864	1.704	10.81	11.07
Na8183	818.326 { 4	Y_3710	ppm	10.31	0.1189	1.153	10.22	10.39
Ni2316	231.604 {4	In2306	ppm	0.938	0.0061	0.6497	0.9423	0.9337
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0003	83.1	-0.0005	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.9466	0.0064	0.6734	0.9511	0.9421
S_1820	182.034 {4	Y_2243	ppm	-1.275	0.1027	8.055	-1.347	-1.202
Sb2068	206.833 {4	Y_2243	ppm	0.9078	0.0064	0.7064	0.9123	0.9032
Se1960	196.090 {4	Y_2243	ppm	0.9396	0.0088	0.9386	0.9458	0.9334
Si2516	251.611 {1	Y_3710	ppm	0.7951	0.0226	2.844	0.7792	0.8111
Sn1899	189.989 {4	In2306	ppm	0.9794	0.0069	0.6994	0.9843	0.9746
Sr4215	421.552 { 8	Y_3710	ppm	0.4787	0.0018	0.3692	0.4774	0.4799
Ti3349	334.904 {1	Y_3600	ppm	0.9898	0.0039	0.3949	0.9926	0.987
Tl1908	190.856 {4	In2306	ppm	0.9615	0.0143	1.488	0.9716	0.9514
V_2924	292.402 {1	Y_3600	ppm	0.9973	0.0006	0.0564	0.9969	0.9977
Zn2062	206.200 {4	In2306	ppm	0.9546	0.0033	0.3456	0.957	0.9523

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.051	0.44817	0.79958	55.734	56.368
In2306	230.606 {4	Cts/S	9565.2	5.0819	0.05313	9568.8	9561.7
Y_2243	224.306 {4	Cts/S	12705	5.3859	0.04239	12702	12709
Y_3600	360.073 { 9	Cts/S	46909	126.82	0.27034	46820	46999
Y_3710	371.030 { 9	Cts/S	8107.5	18.102	0.22328	8120.3	8094.7

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	102.3	0.0006	0.0001
Al3082	308.215 {1	In2306	ppm	0.0881	0.0361	40.96	0.0626	0.1136
As1890	189.042 {4	Y_2243	ppm	0.0467	0.0285	60.99	0.0266	0.0669
B_2496	249.678 {1	Y_3710	ppm	1.152	0.001	0.0841	1.153	1.151
Ba4554	455.403 { 7	Y_3710	ppm	0.6156	0.0001	0.0123	0.6156	0.6155
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0002	63.91	-0.0002	-0.0004
Ca3158	315.887 {1	In2306	ppm	181.7	2.309	1.271	180.1	183.4
Ca3181	318.128 {1	In2306	ppm	184.6	2.39	1.295	182.9	186.3
Cd2288	228.802 {4	Y_2243	ppm	0.0143	0.0157	109.6	0.0032	0.0254
Co2286	228.616 {4	In2306	ppm	0.0339	0.0313	92.32	0.0118	0.056
Cr2677	267.716 {1	Y_3600	ppm	0.0279	0.0007	2.671	0.0285	0.0274
Cu3247	324.754 {1	Y_3600	ppm	0.0077	0.0003	4.446	0.0079	0.0074
Fe2404	240.488 {1	In2306	ppm	2.013	0.0321	1.595	1.991	2.036
K_7664	766.490 { 4	Y_3710	ppm	55.55	0.4393	0.7908	55.24	55.86

K_7698	769.896 { 4	Y_3710	ppm	58.39	0.5184	0.8878	58.02	58.76
Li6707	670.784 { 5	Y_3710	ppm	0.0471	0.0004	0.7635	0.0468	0.0473
Mg2790	279.079 {1	Y_3710	ppm	58.15	0.1311	0.2254	58.24	58.05
Mn2576	257.610 {1	Y_3600	ppm	1.119	0.0077	0.687	1.125	1.114
Mn2576-2	257.610 {1	Y_3710	ppm	1.088	0.004	0.3637	1.091	1.086
Mo2020	202.030 {4	Y_2243	ppm	0.0382	0.0308	80.49	0.0165	0.06
Na5895	589.592 { 5	Y_3710	ppm	323.2	2.928	0.9058	325.3	321.1
Na8183	818.326 { 4	Y_3710	ppm	386.2	1.534	0.3971	385.1	387.3
Ni2316	231.604 {4	In2306	ppm	0.0527	0.0294	55.68	0.032	0.0735
P_1782	178.284 {4	In2306	ppm	1.107	0.0466	4.209	1.14	1.074
Pb2203	220.353 {4	In2306	ppm	0.0259	0.028	108.2	0.0061	0.0456
S_1820	182.034 {4	Y_2243	ppm	-1121	39.25	3.502	-1149	-1093
Sb2068	206.833 {4	Y_2243	ppm	0.0437	0.0277	63.39	0.0241	0.0632
Se1960	196.090 {4	Y_2243	ppm	0.0263	0.0266	101.2	0.0075	0.0451
Si2516	251.611 {1	Y_3710	ppm	7.08	0.0109	0.1533	7.087	7.072
Sn1899	189.989 {4	In2306	ppm	0.0344	0.0332	96.69	0.0109	0.0579
Sr4215	421.552 { 8	Y_3710	ppm	0.9882	0.0006	0.0567	0.9886	0.9879
Ti3349	334.904 {1	Y_3600	ppm	0.0106	0.0004	3.556	0.0103	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0341	0.0333	97.67	0.0106	0.0577
V_2924	292.402 {1	Y_3600	ppm	0.0063	0.0001	2.067	0.0062	0.0064
Zn2062	206.200 {4	In2306	ppm	0.1101	0.0271	24.62	0.0909	0.1292

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.994	0.76108	1.4925	51.532	50.456
In2306	230.606 {4	Cts/S	7817.9	12.25	0.1567	7826.6	7809.3
Y_2243	224.306 {4	Cts/S	11034	55.516	0.50315	11073	10994
Y_3600	360.073 { 9	Cts/S	48731	225.74	0.46324	48572	48891
Y_3710	371.030 { 9	Cts/S	7759.4	10.846	0.13978	7751.7	7767

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	122.8	0.0001	0.0008
Al3082	308.215 {1	In2306	ppm	-0.0193	0.022	113.6	-0.0349	-0.0038
As1890	189.042 {4	Y_2243	ppm	0.0045	0.0075	165.6	-0.0008	0.0098
B_2496	249.678 {1	Y_3710	ppm	0.0153	0.0083	54.32	0.0212	0.0094
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	30.19	0.0004	0.0003
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	18.41	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0299	0.0049	16.27	0.0265	0.0334
Ca3181	318.128 {1	In2306	ppm	0.1468	0.0223	15.17	0.1625	0.131
Cd2288	228.802 {4	Y_2243	ppm	0.0022	0.0034	154.7	-0.0002	0.0046
Co2286	228.616 {4	In2306	ppm	0.0051	0.007	136.8	0.0002	0.0101
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0006	214.6	-0.0008	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	11.87	-0.0019	-0.0022
Fe2404	240.488 {1	In2306	ppm	0.0015	0.0191	1287	0.015	-0.012

K_7664	766.490 { 4	Y_3710	ppm	0.0935	0.0112	12.01	0.1014	0.0856
K_7698	769.896 { 4	Y_3710	ppm	-0.1922	0.0035	1.823	-0.1946	-0.1897
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0	0.0679	0.0005	0.0005
Mg2790	279.079 {1	Y_3710	ppm	-0.0052	0.0445	857.7	0.0263	-0.0366
Mn2576	257.610 {1	Y_3600	ppm	0.0015	0.0001	9.303	0.0014	0.0016
Mn2576-2	257.610 {1	Y_3710	ppm	0.0014	0	1.056	0.0014	0.0014
Mo2020	202.030 {4	Y_2243	ppm	0.0062	0.008	128.2	0.0006	0.0118
Na5895	589.592 { 5	Y_3710	ppm	0.1683	0.0299	17.77	0.1894	0.1471
Na8183	818.326 { 4	Y_3710	ppm	0.2912	0.1283	44.05	0.382	0.2005
Ni2316	231.604 {4	In2306	ppm	0.0057	0.0077	134.6	0.0003	0.0111
P_1782	178.284 {4	In2306	ppm	0.0282	0.038	134.8	0.0013	0.0551
Pb2203	220.353 {4	In2306	ppm	0.0055	0.0071	130.2	0.0004	0.0105
S_1820	182.034 {4	Y_2243	ppm	-28.28	37.89	134	-1.491	-55.07
Sb2068	206.833 {4	Y_2243	ppm	0.0098	0.0076	77.87	0.0044	0.0151
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0075	208.3	-0.0017	0.0089
Si2516	251.611 {1	Y_3710	ppm	0.013	0.0251	193.3	-0.0048	0.0307
Sn1899	189.989 {4	In2306	ppm	0.0053	0.0077	146.1	-0.0002	0.0107
Sr4215	421.552 { 8	Y_3710	ppm	0	0	48.84	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0003	119.6	0	0.0005
Tl1908	190.856 {4	In2306	ppm	0.0084	0.0107	127.7	0.0008	0.0159
V_2924	292.402 {1	Y_3600	ppm	0	0.0005	2099	-0.0003	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0079	0.0097	121.9	0.0011	0.0148

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.903	2.3734	4.099	59.582	56.225
In2306	230.606 {4	Cts/S	9903.6	409.39	4.1338	10193	9614.1
Y_2243	224.306 {4	Cts/S	12578	327.69	2.6053	12810	12346
Y_3600	360.073 { 9	Cts/S	46243	29.58	0.06397	46222	46264
Y_3710	371.030 { 9	Cts/S	8464.2	193.7	2.2885	8601.2	8327.2

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	108.6	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0391	0.0347	88.89	0.0637	0.0145
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0005	84.65	0.0002	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.4959	0.012	2.427	0.5044	0.4873
Ba4554	455.403 { 7	Y_3710	ppm	0.1304	0.0007	0.5281	0.1309	0.1299
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	45.97	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	35.54	1.316	3.704	34.6	36.47
Ca3181	318.128 {1	In2306	ppm	35.87	1.285	3.584	34.96	36.78
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	158.9	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	59.81	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	33.77	0.0002	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0211	0.0002	0.7655	0.021	0.0213

Fe2404	240.488 {1	In2306	ppm	0.0144	0.0041	28.46	0.0115	0.0173
K_7664	766.490 { 4	Y_3710	ppm	14.61	0.7289	4.991	15.12	14.09
K_7698	769.896 { 4	Y_3710	ppm	14.88	0.7324	4.921	15.4	14.37
Li6707	670.784 { 5	Y_3710	ppm	0.0248	0.002	8.041	0.0262	0.0234
Mg2790	279.079 {1	Y_3710	ppm	6.246	0.0882	1.412	6.183	6.308
Mn2576	257.610 {1	Y_3600	ppm	0.0068	0	0.2036	0.0068	0.0068
Mn2576-2	257.610 {1	Y_3710	ppm	0.0069	0.0002	2.756	0.0068	0.007
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0002	9.694	0.0019	0.0021
Na5895	589.592 { 5	Y_3710	ppm	141	13.19	9.35	150.4	131.7
Na8183	818.326 { 4	Y_3710	ppm	149.7	3.603	2.407	152.2	147.1
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	68.53	0.0002	0.0001
P_1782	178.284 {4	In2306	ppm	3.021	0.0147	0.4878	3.031	3.01
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	49.6	0.0002	0.0003
S_1820	182.034 {4	Y_2243	ppm	-898.3	4.539	0.5052	-901.5	-895.1
Sb2068	206.833 {4	Y_2243	ppm	0.003	0.0005	16.13	0.0027	0.0034
Se1960	196.090 {4	Y_2243	ppm	0.0001	0	12.46	0.0001	0.0002
Si2516	251.611 {1	Y_3710	ppm	8.286	0.0473	0.5711	8.319	8.252
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	35.37	0.0004	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.4904	0.0012	0.2384	0.4912	0.4895
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0006	56.23	0.0016	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0006	43.27	0.0017	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0011	0.0002	22.13	0.0013	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0672	0.0008	1.119	0.0677	0.0667

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.793	0.68152	1.2438	55.274	54.311
In2306	230.606 {4	Cts/S	8759.4	6.175	0.0705	8763.7	8755
Y_2243	224.306 {4	Cts/S	11899	31.984	0.26878	11922	11877
Y_3600	360.073 { 9	Cts/S	48237	325.52	0.67484	48467	48006
Y_3710	371.030 { 9	Cts/S	7962.8	41.808	0.52504	7933.2	7992.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0005	99.81	0.0008	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0041	0.0179	440.7	-0.0168	0.0086
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0008	43.49	0.0024	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.1323	0.0034	2.59	0.1347	0.1298
Ba4554	455.403 { 7	Y_3710	ppm	0.1626	0.001	0.5865	0.1619	0.1633
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	576.1	0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	52.35	0.1462	0.2792	52.25	52.46
Ca3181	318.128 {1	In2306	ppm	52.4	0.3865	0.7376	52.13	52.68
Cd2288	228.802 {4	Y_2243	ppm	0	0	52.34	0.0001	0
Co2286	228.616 {4	In2306	ppm	-0.0002	0.0001	69.38	-0.0003	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0001	7.627	0.0014	0.0013

Cu3247	324.754 {1	Y_3600	ppm	0.0063	0.0006	9.486	0.0067	0.0058
Fe2404	240.488 {1	In2306	ppm	0.0037	0.0292	791.1	0.0244	-0.017
K_7664	766.490 { 4	Y_3710	ppm	7.907	0.1049	1.327	7.833	7.981
K_7698	769.896 { 4	Y_3710	ppm	7.854	0.0969	1.234	7.786	7.923
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0002	1.768	0.01	0.0103
Mg2790	279.079 {1	Y_3710	ppm	4.739	0.0615	1.299	4.783	4.696
Mn2576	257.610 {1	Y_3600	ppm	0.0017	0.0001	7.614	0.0016	0.0018
Mn2576-2	257.610 {1	Y_3710	ppm	0.0023	0.0009	41.29	0.003	0.0016
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0	7.273	0.0006	0.0006
Na5895	589.592 { 5	Y_3710	ppm	56.91	1.336	2.347	55.97	57.86
Na8183	818.326 { 4	Y_3710	ppm	55.97	0.3639	0.6503	55.71	56.23
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	257.3	0.0002	-0.0001
P_1782	178.284 {4	In2306	ppm	2.306	0.0031	0.135	2.304	2.308
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	21.8	0.0003	0.0004
S_1820	182.034 {4	Y_2243	ppm	-301.1	7.452	2.475	-295.8	-306.4
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0.0005	789.1	-0.0003	0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0007	210	-0.0002	0.0008
Si2516	251.611 {1	Y_3710	ppm	10.41	0.0621	0.5969	10.45	10.36
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0003	63.47	-0.0007	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.2129	0	0.0112	0.2129	0.2128
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0005	92.42	0.0009	0.0002
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0004	65.4	0.001	0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0035	0	0.0856	0.0035	0.0035
Zn2062	206.200 {4	In2306	ppm	0.0386	0.0001	0.2761	0.0385	0.0387

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.283	0.25236	0.4649	54.461	54.104
In2306	230.606 {4	Cts/S	9084.2	25.006	0.27527	9101.9	9066.5
Y_2243	224.306 {4	Cts/S	12169	11.931	0.09804	12177	12160
Y_3600	360.073 { 9	Cts/S	47325	83.477	0.17639	47384	47266
Y_3710	371.030 { 9	Cts/S	8119	13.58	0.16726	8128.7	8109.4

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Custom ID3=
Run Time=1/25/2012 11:56:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0009	148	0	0.0013
Al3082	308.215 {1	In2306	ppm	0.3849	0.0146	3.8	0.3745	0.3952
As1890	189.042 {4	Y_2243	ppm	0.0036	0.0006	15.49	0.0032	0.004
B_2496	249.678 {1	Y_3710	ppm	0.1212	0.0001	0.1196	0.1213	0.1211
Ba4554	455.403 { 7	Y_3710	ppm	0.182	0.0018	0.989	0.1833	0.1807
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	294.9	0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	50.03	0.6221	1.243	49.59	50.47
Ca3181	318.128 {1	In2306	ppm	50.21	1.035	2.061	49.48	50.94
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	23.63	0.0003	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	49.54	0.0004	0.0002

Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0004	30.95	0.0015	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0396	0.0002	0.5147	0.0397	0.0394
Fe2404	240.488 {1	In2306	ppm	0.1949	0.0158	8.114	0.2061	0.1837
K_7664	766.490 { 4	Y_3710	ppm	15.47	0.6158	3.982	15.9	15.03
K_7698	769.896 { 4	Y_3710	ppm	15.6	0.6778	4.343	16.08	15.13
Li6707	670.784 { 5	Y_3710	ppm	0.0121	0.0005	4.381	0.0124	0.0117
Mg2790	279.079 {1	Y_3710	ppm	5.372	0.0538	1.002	5.41	5.334
Mn2576	257.610 {1	Y_3600	ppm	0.0261	0.0001	0.384	0.0261	0.0262
Mn2576-2	257.610 {1	Y_3710	ppm	0.0253	0.0025	9.86	0.0236	0.0271
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0	1.143	0.0013	0.0013
Na5895	589.592 { 5	Y_3710	ppm	78.22	2.85	3.643	80.23	76.2
Na8183	818.326 { 4	Y_3710	ppm	74.04	1.66	2.241	75.21	72.87
Ni2316	231.604 {4	In2306	ppm	0.0011	0.0002	20.23	0.001	0.0013
P_1782	178.284 {4	In2306	ppm	6.921	0.0232	0.3352	6.937	6.905
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0002	23.67	0.0008	0.0006
S_1820	182.034 {4	Y_2243	ppm	-459.5	1.427	0.3105	-460.5	-458.5
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.001	151.1	0	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0027	0	1.304	0.0026	0.0027
Si2516	251.611 {1	Y_3710	ppm	10.49	0.0166	0.1585	10.5	10.48
Sn1899	189.989 {4	In2306	ppm	0.0028	0.0004	14.25	0.0031	0.0026
Sr4215	421.552 { 8	Y_3710	ppm	0.22	0.0015	0.6901	0.2211	0.2189
Ti3349	334.904 {1	Y_3600	ppm	0.002	0.0001	2.776	0.002	0.002
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0019	156.1	0.0025	-0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0036	0.0006	17.87	0.0041	0.0032
Zn2062	206.200 {4	In2306	ppm	0.1185	0.001	0.8514	0.1192	0.1178

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.143	0.47775	0.88239	53.806	54.481
In2306	230.606 {4	Cts/S	8942.4	8.7121	0.09742	8948.5	8936.2
Y_2243	224.306 {4	Cts/S	12005	10.387	0.08652	12013	11998
Y_3600	360.073 { 9	Cts/S	46599	251.96	0.54071	46420	46777
Y_3710	371.030 { 9	Cts/S	7847.3	75.291	0.95945	7794.1	7900.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	200.5	-0.0001	0.0007
Al3082	308.215 {1	In2306	ppm	0.1332	0.0458	34.4	0.1008	0.1656
As1890	189.042 {4	Y_2243	ppm	0.005	0.001	18.97	0.0043	0.0057
B_2496	249.678 {1	Y_3710	ppm	0.2543	0.0068	2.666	0.2495	0.2591
Ba4554	455.403 { 7	Y_3710	ppm	0.0685	0.0004	0.6102	0.0682	0.0688
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	1313	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	47.43	0.1852	0.3905	47.3	47.56
Ca3181	318.128 {1	In2306	ppm	47.88	0.2166	0.4525	47.73	48.03
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	89.67	-0.0002	0

Co2286	228.616 {4	In2306	ppm	0.0013	0.0003	21.73	0.0011	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0005	26.38	0.0016	0.0024
Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0009	77.27	-0.0005	-0.0018
Fe2404	240.488 {1	In2306	ppm	0.0982	0.014	14.31	0.0883	0.1081
K_7664	766.490 { 4	Y_3710	ppm	10.43	0.1516	1.453	10.54	10.33
K_7698	769.896 { 4	Y_3710	ppm	10.63	0.1915	1.802	10.76	10.49
Li6707	670.784 { 5	Y_3710	ppm	0.0346	0.001	2.966	0.0354	0.0339
Mg2790	279.079 {1	Y_3710	ppm	6.437	0.0676	1.05	6.389	6.485
Mn2576	257.610 {1	Y_3600	ppm	0.0053	0	0.9302	0.0052	0.0053
Mn2576-2	257.610 {1	Y_3710	ppm	0.0054	0.0011	21.31	0.0046	0.0062
Mo2020	202.030 {4	Y_2243	ppm	0.0296	0.001	3.342	0.0303	0.0289
Na5895	589.592 { 5	Y_3710	ppm	530.4	28.84	5.437	550.7	510
Na8183	818.326 { 4	Y_3710	ppm	742.6	0.1854	0.025	742.7	742.5
Ni2316	231.604 {4	In2306	ppm	0.0049	0.0001	1.764	0.005	0.0048
P_1782	178.284 {4	In2306	ppm	0.6764	0.2416	35.72	0.5056	0.8472
Pb2203	220.353 {4	In2306	ppm	0.001	0.0004	40.07	0.0007	0.0013
S_1820	182.034 {4	Y_2243	ppm	-14250	290.6	2.039	-14460	-14050
Sb2068	206.833 {4	Y_2243	ppm	0.0026	0.0004	14.93	0.0028	0.0023
Se1960	196.090 {4	Y_2243	ppm	0.0739	0.0014	1.959	0.075	0.0729
Si2516	251.611 {1	Y_3710	ppm	3.958	0.0622	1.572	3.914	4.002
Sn1899	189.989 {4	In2306	ppm	0	0.0004	894.9	-0.0002	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.4	0.0049	1.233	0.3965	0.4035
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0004	44.18	0.0013	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0005	57.62	0.0005	0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0085	0.0001	0.6746	0.0085	0.0086
Zn2062	206.200 {4	In2306	ppm	0.0523	0.0029	5.526	0.0502	0.0543

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.328	0.70827	1.3281	52.827	53.829
In2306	230.606 {4	Cts/S	7766.1	79.658	1.0257	7822.4	7709.8
Y_2243	224.306 {4	Cts/S	11153	108.54	0.9732	11230	11076
Y_3600	360.073 { 9	Cts/S	48409	653.32	1.3496	47947	48871
Y_3710	371.030 { 9	Cts/S	7803.5	51.182	0.65588	7839.7	7767.3

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	210.1	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.087	0.0052	5.979	0.0907	0.0833
As1890	189.042 {4	Y_2243	ppm	0.0069	0.0005	7.209	0.0072	0.0065
B_2496	249.678 {1	Y_3710	ppm	0.0682	0.0079	11.52	0.0627	0.0738
Ba4554	455.403 { 7	Y_3710	ppm	0.1056	0.0007	0.684	0.1051	0.1061
Be3130	313.042 {1	Y_3710	ppm	-0.0004	0.0001	19.26	-0.0003	-0.0004
Ca3158	315.887 {1	In2306	ppm	1339	3.401	0.2539	1337	1342
Ca3181	318.128 {1	In2306	ppm	1404	4.092	0.2914	1401	1407

Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	854.9	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0003	51.02	0.0004	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0035	0.0004	10.18	0.0037	0.0032
Cu3247	324.754 {1	Y_3600	ppm	-0.0028	0.0001	2.091	-0.0028	-0.0027
Fe2404	240.488 {1	In2306	ppm	0.169	0.0225	13.32	0.1531	0.1849
K_7664	766.490 { 4	Y_3710	ppm	5.682	0.0972	1.71	5.614	5.751
K_7698	769.896 { 4	Y_3710	ppm	5.808	0.0382	0.6574	5.781	5.835
Li6707	670.784 { 5	Y_3710	ppm	0.0208	0.0003	1.441	0.0206	0.021
Mg2790	279.079 {1	Y_3710	ppm	20.04	0.0659	0.3287	19.99	20.09
Mn2576	257.610 {1	Y_3600	ppm	0.0562	0.0001	0.1112	0.0562	0.0563
Mn2576-2	257.610 {1	Y_3710	ppm	0.056	0.0007	1.249	0.0565	0.0556
Mo2020	202.030 {4	Y_2243	ppm	0.0101	0	0.1415	0.0102	0.0101
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3096	31.23	1.009	3118	3074
Ni2316	231.604 {4	In2306	ppm	0.0076	0	0.1484	0.0076	0.0076
P_1782	178.284 {4	In2306	ppm	4.217	0.1312	3.111	4.31	4.124
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0005	65.2	-0.0004	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-19000	540.1	2.842	-19380	-18620
Sb2068	206.833 {4	Y_2243	ppm	0.0005	0.0011	210	-0.0003	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0001	2.72	0.0026	0.0025
Si2516	251.611 {1	Y_3710	ppm	4.734	0.003	0.0636	4.732	4.736
Sn1899	189.989 {4	In2306	ppm	0.0003	0	7.378	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	2.459	0.0026	0.1051	2.457	2.461
Ti3349	334.904 {1	Y_3600	ppm	0.0062	0.0001	1.708	0.0063	0.0062
Tl1908	190.856 {4	In2306	ppm	-0.0027	0.0002	8.687	-0.0025	-0.0028
V_2924	292.402 {1	Y_3600	ppm	0.0027	0	1.708	0.0027	0.0027
Zn2062	206.200 {4	In2306	ppm	0.0095	0.0002	2.34	0.0094	0.0097

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.437	0.50479	1.0641	47.794	47.08
In2306	230.606 {4	Cts/S	5917.4	125.74	2.1249	5828.5	6006.3
Y_2243	224.306 {4	Cts/S	9040.9	190.19	2.1037	8906.5	9175.4
Y_3600	360.073 { 9	Cts/S	47076	70.029	0.14876	47125	47026
Y_3710	371.030 { 9	Cts/S	7375.8	2.0822	0.02823	7377.3	7374.3

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0	29.76	-0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0084	0.0023	26.93	0.01	0.0068
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0003	47.3	0.0004	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0089	0.0089	100.2	0.0152	0.0026
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0.0001	8.096	0.001	0.0009
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	349.1	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.8754	0.0437	4.992	0.9063	0.8445

Ca3181	318.128 {1	In2306	ppm	1.098	0.0212	1.926	1.083	1.113
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	34.5	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	-0.0001	0	46.75	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0006	292.3	0.0002	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	7.753	-0.0019	-0.0017
Fe2404	240.488 {1	In2306	ppm	0.039	0.0009	2.261	0.0397	0.0384
K_7664	766.490 { 4	Y_3710	ppm	7.016	0.6972	9.938	6.523	7.509
K_7698	769.896 { 4	Y_3710	ppm	6.931	0.6859	9.897	6.446	7.416
Li6707	670.784 { 5	Y_3710	ppm	0.0008	0.0002	22.42	0.0009	0.0007
Mg2790	279.079 {1	Y_3710	ppm	0.0414	0.0196	47.36	0.0275	0.0553
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0.0001	4.636	0.0014	0.0013
Mn2576-2	257.610 {1	Y_3710	ppm	0.0017	0.0006	38.52	0.0012	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0007	108.5	0.0002	0.0012
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	30.62
Na8183	818.326 { 4	Y_3710	ppm	28.84	2.107	7.307	27.35	30.33
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	125.9	0.0001	0
P_1782	178.284 {4	In2306	ppm	0.2279	0.1163	51	0.1457	0.3101
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0009	720.9	0.0008	-0.0005
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	-266	^ -----
Sb2068	206.833 {4	Y_2243	ppm	0.0008	0.0023	290	-0.0008	0.0024
Se1960	196.090 {4	Y_2243	ppm	-0.0017	0.0007	42.34	-0.0012	-0.0022
Si2516	251.611 {1	Y_3710	ppm	0.0448	0.0167	37.24	0.033	0.0566
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0004	114.7	-0.0007	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.004	0.0001	1.775	0.0041	0.004
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0.0005	99.94	-0.0008	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0002	38.35	0.0008	0.0005
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0002	63.51	-0.0002	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0052	0.0007	12.81	0.0047	0.0056

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.76	0.8915	1.5707	57.39	56.13
In2306	230.606 {4	Cts/S	9083.3	540.36	5.949	9465.4	8701.2
Y_2243	224.306 {4	Cts/S	12174	366.1	3.0071	12433	11916
Y_3600	360.073 { 9	Cts/S	47248	47.296	0.1001	47281	47214
Y_3710	371.030 { 9	Cts/S	8461.4	113.69	1.3436	8541.8	8381

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2409	0.0015	0.611	0.2399	0.2419
Al3082	308.215 {1	In2306	ppm	2.602	0.09	3.46	2.666	2.538
As1890	189.042 {4	Y_2243	ppm	0.4736	0.0013	0.2686	0.4745	0.4727
B_2496	249.678 {1	Y_3710	ppm	0.4726	0.0028	0.5877	0.4745	0.4706
Ba4554	455.403 { 7	Y_3710	ppm	0.4841	0.0012	0.2507	0.485	0.4833
Be3130	313.042 {1	Y_3710	ppm	0.4927	0.0009	0.1818	0.4933	0.492

Ca3158	315.887 {1	In2306	ppm	12.32	0.1864	1.513	12.19	12.45
Ca3181	318.128 {1	In2306	ppm	12.55	0.1515	1.207	12.44	12.66
Cd2288	228.802 {4	Y_2243	ppm	0.4774	0.0044	0.9242	0.4805	0.4742
Co2286	228.616 {4	In2306	ppm	0.4857	0.004	0.8258	0.4885	0.4829
Cr2677	267.716 {1	Y_3600	ppm	0.4943	0.0014	0.2928	0.4933	0.4953
Cu3247	324.754 {1	Y_3600	ppm	0.4865	0.0002	0.042	0.4863	0.4866
Fe2404	240.488 {1	In2306	ppm	2.373	0.0326	1.374	2.35	2.396
K_7664	766.490 { 4	Y_3710	ppm	13.39	0.0316	0.2359	13.36	13.41
K_7698	769.896 { 4	Y_3710	ppm	13.48	0.002	0.0149	13.48	13.48
Li6707	670.784 { 5	Y_3710	ppm	0.5261	0.0001	0.0155	0.5261	0.526
Mg2790	279.079 {1	Y_3710	ppm	4.724	0.0408	0.8639	4.695	4.753
Mn2576	257.610 {1	Y_3600	ppm	0.4831	0.0018	0.3777	0.4818	0.4844
Mn2576-2	257.610 {1	Y_3710	ppm	0.4539	0.0024	0.52	0.4522	0.4555
Mo2020	202.030 {4	Y_2243	ppm	0.4788	0.0058	1.202	0.4829	0.4748
Na5895	589.592 { 5	Y_3710	ppm	13.27	0.0211	0.1591	13.25	13.28
Na8183	818.326 { 4	Y_3710	ppm	12.82	0.1424	1.111	12.92	12.72
Ni2316	231.604 {4	In2306	ppm	0.4744	0.0034	0.7075	0.4767	0.472
P_1782	178.284 {4	In2306	ppm	0.004	0.0061	151.7	-0.0003	0.0083
Pb2203	220.353 {4	In2306	ppm	0.4774	0.0032	0.6731	0.4797	0.4752
S_1820	182.034 {4	Y_2243	ppm	-61.46	24.37	39.65	-44.23	-78.7
Sb2068	206.833 {4	Y_2243	ppm	0.4664	0.0054	1.163	0.4703	0.4626
Se1960	196.090 {4	Y_2243	ppm	0.481	0.0029	0.6121	0.4831	0.479
Si2516	251.611 {1	Y_3710	ppm	0.7823	0.0013	0.1656	0.7832	0.7814
Sn1899	189.989 {4	In2306	ppm	0.4943	0.0042	0.8435	0.4973	0.4914
Sr4215	421.552 { 8	Y_3710	ppm	0.2435	0.0004	0.1602	0.2438	0.2432
Ti3349	334.904 {1	Y_3600	ppm	0.5066	0.0004	0.0704	0.5064	0.5069
Tl1908	190.856 {4	In2306	ppm	0.4761	0.0147	3.093	0.4865	0.4657
V_2924	292.402 {1	Y_3600	ppm	0.5057	0.0023	0.4464	0.5041	0.5073
Zn2062	206.200 {4	In2306	ppm	0.484	0.0018	0.3632	0.4853	0.4828

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.745	0.30748	0.54186	56.962	56.528
In2306	230.606 {4	Cts/S	9559	44.099	0.46133	9590.2	9527.8
Y_2243	224.306 {4	Cts/S	12613	22.975	0.18215	12629	12597
Y_3600	360.073 { 9	Cts/S	47063	156.26	0.33201	47174	46953
Y_3710	371.030 { 9	Cts/S	8107.1	19.556	0.24122	8093.2	8120.9

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Custom ID3=
Run Time=1/25/2012 12:09:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0.0002	3.296	0.005	0.0052
Al3082	308.215 {1	In2306	ppm	0.1257	0.0294	23.35	0.105	0.1465
As1890	189.042 {4	Y_2243	ppm	0.0104	0.0024	23.21	0.0087	0.0121
B_2496	249.678 {1	Y_3710	ppm	0.0121	0.0057	47.09	0.008	0.0161
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0003	3.339	0.0095	0.01

Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	4.038	0.0048	0.0045
Ca3158	315.887 {1	In2306	ppm	0.0988	0.0137	13.89	0.0891	0.1084
Ca3181	318.128 {1	In2306	ppm	0.0905	0.0286	31.58	0.0703	0.1107
Cd2288	228.802 {4	Y_2243	ppm	0.0072	0.003	41.62	0.0051	0.0093
Co2286	228.616 {4	In2306	ppm	0.0122	0.0033	26.88	0.0099	0.0146
Cr2677	267.716 {1	Y_3600	ppm	0.0093	0.0001	1.066	0.0092	0.0093
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0001	0.6214	0.0086	0.0087
Fe2404	240.488 {1	In2306	ppm	0.0762	0.0098	12.92	0.0831	0.0692
K_7664	766.490 { 4	Y_3710	ppm	0.6496	0.0008	0.1245	0.649	0.6501
K_7698	769.896 { 4	Y_3710	ppm	0.3746	0.0015	0.4047	0.3757	0.3735
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0.0004	3.909	0.0096	0.0101
Mg2790	279.079 {1	Y_3710	ppm	0.0439	0.0644	146.8	-0.0017	0.0894
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0002	2.184	0.0099	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0101	0.0015	15.27	0.009	0.0112
Mo2020	202.030 {4	Y_2243	ppm	0.0136	0.0038	27.72	0.0109	0.0163
Na5895	589.592 { 5	Y_3710	ppm	0.8035	0.0105	1.305	0.7961	0.811
Na8183	818.326 { 4	Y_3710	ppm	0.6669	0.0661	9.911	0.7137	0.6202
Ni2316	231.604 {4	In2306	ppm	0.0122	0.0028	22.75	0.0102	0.0141
P_1782	178.284 {4	In2306	ppm	0.0098	0.0003	3.01	0.0096	0.01
Pb2203	220.353 {4	In2306	ppm	0.0126	0.0026	20.73	0.0107	0.0144
S_1820	182.034 {4	Y_2243	ppm	-2.138	2.059	96.29	-0.6823	-3.594
Sb2068	206.833 {4	Y_2243	ppm	0.0187	0.0037	19.87	0.016	0.0213
Se1960	196.090 {4	Y_2243	ppm	0.0106	0.0017	15.74	0.0094	0.0118
Si2516	251.611 {1	Y_3710	ppm	-0.0282	0	0.0564	-0.0282	-0.0282
Sn1899	189.989 {4	In2306	ppm	0.0128	0.004	31.27	0.01	0.0156
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0.0001	2.654	0.0045	0.0047
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0002	2.125	0.0101	0.0104
Tl1908	190.856 {4	In2306	ppm	0.0153	0.0047	30.87	0.012	0.0186
V_2924	292.402 {1	Y_3600	ppm	0.0103	0.0004	4.129	0.0106	0.01
Zn2062	206.200 {4	In2306	ppm	0.0109	0.0031	28.6	0.0087	0.0131

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.569	1.1304	2.0342	56.369	54.77
In2306	230.606 {4	Cts/S	10166	3.0063	0.02957	10169	10164
Y_2243	224.306 {4	Cts/S	12863	44.934	0.34933	12831	12895
Y_3600	360.073 { 9	Cts/S	46327	238.52	0.51486	46158	46496
Y_3710	371.030 { 9	Cts/S	8420.3	20.507	0.24354	8434.8	8405.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	354.8	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0177	0.0004	2.105	-0.018	-0.0174
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0014	255.1	-0.0004	0.0015
B_2496	249.678 {1	Y_3710	ppm	-0.0048	0.0067	139.3	-0.0095	-0.0001

Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	2884	0	0
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0002	57.7	-0.0002	-0.0005
Ca3158	315.887 {1	In2306	ppm	-0.0115	0.0223	194.7	-0.0273	0.0043
Ca3181	318.128 {1	In2306	ppm	0.0559	0.0575	102.7	0.0153	0.0965
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	364.4	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	96.28	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	10180	0.0003	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0012	0.0002	14.22	-0.0011	-0.0013
Fe2404	240.488 {1	In2306	ppm	-0.0136	0.0076	55.75	-0.0082	-0.0189
K_7664	766.490 { 4	Y_3710	ppm	0.023	0.0232	100.7	0.0394	0.0066
K_7698	769.896 { 4	Y_3710	ppm	-0.0206	0.0077	37.57	-0.0151	-0.026
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	33.16	0.0002	0.0004
Mg2790	279.079 {1	Y_3710	ppm	-0.0484	0.1132	233.7	0.0316	-0.1285
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	19.54	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0017	0.0027	159.2	-0.0002	0.0036
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	51.9	0.0001	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.1781	0.0012	0.6979	0.1789	0.1772
Na8183	818.326 { 4	Y_3710	ppm	-0.1446	0.0821	56.81	-0.0865	-0.2027
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	174.5	0.0002	0
P_1782	178.284 {4	In2306	ppm	-0.0004	0.0001	14.46	-0.0004	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0016	487.7	-0.0008	0.0015
S_1820	182.034 {4	Y_2243	ppm	-1.182	0.0269	2.279	-1.163	-1.201
Sb2068	206.833 {4	Y_2243	ppm	0.0043	0.0004	8.823	0.0045	0.004
Se1960	196.090 {4	Y_2243	ppm	-0.0011	0.0003	31.15	-0.0009	-0.0014
Si2516	251.611 {1	Y_3710	ppm	-0.0238	0.0002	0.9862	-0.0239	-0.0236
Sn1899	189.989 {4	In2306	ppm	0	0.0002	635	-0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0	148.7	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0004	438.8	-0.0002	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0008	0	0.8025	0.0008	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0003	86.14	0.0001	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	76.28	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.886	1.2034	2.1154	56.036	57.737
In2306	230.606 {4	Cts/S	10164	4.8175	0.0474	10161	10168
Y_2243	224.306 {4	Cts/S	12825	23.921	0.18652	12808	12842
Y_3600	360.073 { 9	Cts/S	45550	32.669	0.07172	45573	45527
Y_3710	371.030 { 9	Cts/S	8197.5	51.49	0.62812	8161.1	8233.9

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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0002	159	0	0.0003
Al3082	308.215 {1	In2306	ppm	0.154	0.0323	21	0.1768	0.1311
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0007	44.22	0.001	0.0019

B_2496	249.678 {1	Y_3710	ppm	0.0901	0.003	3.364	0.0879	0.0922
Ba4554	455.403 { 7	Y_3710	ppm	0.0581	0.0007	1.281	0.0586	0.0575
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	173.4	0.0002	0
Ca3158	315.887 {1	In2306	ppm	19.2	0.2502	1.303	19.02	19.38
Ca3181	318.128 {1	In2306	ppm	19.32	0.2111	1.093	19.17	19.47
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	8.017	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	31.89	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0003	267.9	-0.0001	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0007	0.0001	15.3	-0.0006	-0.0008
Fe2404	240.488 {1	In2306	ppm	0.1566	0.0254	16.25	0.1746	0.1386
K_7664	766.490 { 4	Y_3710	ppm	4.999	0.261	5.221	5.183	4.814
K_7698	769.896 { 4	Y_3710	ppm	4.888	0.2806	5.741	5.087	4.69
Li6707	670.784 { 5	Y_3710	ppm	0.0043	0.0001	3.157	0.0044	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.242	0.0438	1.955	2.211	2.273
Mn2576	257.610 {1	Y_3600	ppm	0.0182	0.0002	1.122	0.0183	0.018
Mn2576-2	257.610 {1	Y_3710	ppm	0.0167	0.0003	1.576	0.0165	0.0169
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0	2.408	0.0015	0.0015
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	65.65	^ -----
Na8183	818.326 { 4	Y_3710	ppm	67.42	1.64	2.432	68.58	66.26
Ni2316	231.604 {4	In2306	ppm	0.0013	0.0001	10.94	0.0014	0.0012
P_1782	178.284 {4	In2306	ppm	0.1305	0	0.0259	0.1305	0.1305
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	45.29	0.0009	0.0004
S_1820	182.034 {4	Y_2243	ppm	-319.3	1.934	0.6056	-320.7	-317.9
Sb2068	206.833 {4	Y_2243	ppm	0	0.0012	5640	0.0008	-0.0009
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0005	44.56	-0.0016	-0.0008
Si2516	251.611 {1	Y_3710	ppm	1.4	0.0077	0.5471	1.405	1.394
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0004	75.74	-0.0002	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.0983	0.001	1.021	0.099	0.0976
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0009	59.16	0.0009	0.0022
Tl1908	190.856 {4	In2306	ppm	0.0003	0.0009	312.3	-0.0004	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0034	0	1.358	0.0034	0.0035
Zn2062	206.200 {4	In2306	ppm	0.0054	0.0001	1.906	0.0055	0.0054

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.316	0.42864	0.77489	55.013	55.619
In2306	230.606 {4	Cts/S	9262.9	0.47817	0.00516	9263.3	9262.6
Y_2243	224.306 {4	Cts/S	12340	4.0816	0.03308	12337	12343
Y_3600	360.073 { 9	Cts/S	48026	319.96	0.66622	47800	48252
Y_3710	371.030 { 9	Cts/S	8276.2	87.52	1.0575	8214.3	8338.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0008	254.2	-0.0002	0.0009
Al3082	308.215 {1	In2306	ppm	0.188	0.0043	2.277	0.191	0.185

As1890	189.042 {4	Y_2243	ppm	0.0022	0.0013	60.64	0.0032	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.1079	0.0009	0.8525	0.1073	0.1086
Ba4554	455.403 { 7	Y_3710	ppm	0.0584	0.0005	0.8408	0.0587	0.058
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	6.326	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	19.15	0.4196	2.191	18.85	19.45
Ca3181	318.128 {1	In2306	ppm	19.26	0.4996	2.595	18.9	19.61
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	43.63	-0.0002	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	33.01	0.0006	0.0004
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0007	179.3	-0.0008	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0002	0.0005	237.1	-0.0001	0.0005
Fe2404	240.488 {1	In2306	ppm	0.1506	0.0023	1.528	0.1522	0.149
K_7664	766.490 { 4	Y_3710	ppm	5.073	0.0303	0.5971	5.095	5.052
K_7698	769.896 { 4	Y_3710	ppm	4.92	0.0538	1.093	4.958	4.882
Li6707	670.784 { 5	Y_3710	ppm	0.0044	0.0003	6.131	0.0046	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.241	0.0892	3.98	2.304	2.178
Mn2576	257.610 {1	Y_3600	ppm	0.0182	0	0.0288	0.0182	0.0182
Mn2576-2	257.610 {1	Y_3710	ppm	0.0156	0.0021	13.64	0.0141	0.0171
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0.0001	5.207	0.0015	0.0014
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	66.36	^ -----
Na8183	818.326 { 4	Y_3710	ppm	68.16	0.059	0.0866	68.12	68.2
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0003	24.89	0.001	0.0014
P_1782	178.284 {4	In2306	ppm	0.1286	0	0.0107	0.1286	0.1286
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0011	1832	0.0007	-0.0008
S_1820	182.034 {4	Y_2243	ppm	-317.1	0.4837	0.1525	-316.8	-317.5
Sb2068	206.833 {4	Y_2243	ppm	0.0014	0.0001	5.833	0.0015	0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0013	449.3	0.0012	-0.0006
Si2516	251.611 {1	Y_3710	ppm	1.422	0.0213	1.498	1.407	1.437
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0004	94.83	-0.0008	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0988	0.0003	0.2671	0.099	0.0987
Ti3349	334.904 {1	Y_3600	ppm	0.0026	0	0.0283	0.0026	0.0026
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0004	212.9	-0.0004	0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0042	0.0003	7.286	0.0039	0.0044
Zn2062	206.200 {4	In2306	ppm	0.0051	0.0001	2.694	0.0052	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.065	1.199	2.2176	54.913	53.217
In2306	230.606 {4	Cts/S	9266.8	18.621	0.20094	9280	9253.7
Y_2243	224.306 {4	Cts/S	12350	37.464	0.30334	12377	12324
Y_3600	360.073 { 9	Cts/S	47876	536.14	1.1199	47497	48255
Y_3710	371.030 { 9	Cts/S	8149.7	19.965	0.24498	8135.6	8163.8

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Custom ID3=
Run Time=1/25/2012 12:19:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4877	0.0011	0.2211	0.4869	0.4885

Al3082	308.215 {1	In2306	ppm	10.52	0.3791	3.604	10.79	10.25
As1890	189.042 {4	Y_2243	ppm	0.9505	0.0026	0.2781	0.9524	0.9487
B_2496	249.678 {1	Y_3710	ppm	1.052	0.0099	0.937	1.059	1.046
Ba4554	455.403 { 7	Y_3710	ppm	1.021	0.0052	0.5059	1.025	1.018
Be3130	313.042 {1	Y_3710	ppm	0.487	0.0011	0.2231	0.4862	0.4877
Ca3158	315.887 {1	In2306	ppm	28.41	0.4907	1.727	28.76	28.07
Ca3181	318.128 {1	In2306	ppm	28.65	0.4577	1.597	28.98	28.33
Cd2288	228.802 {4	Y_2243	ppm	0.4762	0.0009	0.1848	0.4768	0.4756
Co2286	228.616 {4	In2306	ppm	0.979	0.0012	0.1199	0.9798	0.9781
Cr2677	267.716 {1	Y_3600	ppm	0.9624	0.0053	0.5524	0.9662	0.9587
Cu3247	324.754 {1	Y_3600	ppm	0.9858	0.0095	0.9653	0.9791	0.9926
Fe2404	240.488 {1	In2306	ppm	9.682	0.1495	1.544	9.788	9.576
K_7664	766.490 { 4	Y_3710	ppm	16.16	0.3502	2.167	16.41	15.92
K_7698	769.896 { 4	Y_3710	ppm	16.41	0.3687	2.247	16.67	16.15
Li6707	670.784 { 5	Y_3710	ppm	0.5444	0.0164	3.018	0.556	0.5328
Mg2790	279.079 {1	Y_3710	ppm	11.84	0.024	0.2028	11.82	11.86
Mn2576	257.610 {1	Y_3600	ppm	0.9608	0.0046	0.4812	0.9641	0.9576
Mn2576-2	257.610 {1	Y_3710	ppm	0.9108	0.0032	0.3535	0.9085	0.9131
Mo2020	202.030 {4	Y_2243	ppm	0.9305	0.0048	0.5145	0.9338	0.9271
Na5895	589.592 { 5	Y_3710	ppm	77.75	0.0401	0.0516	77.72	77.78
Na8183	818.326 { 4	Y_3710	ppm	80.06	1.091	1.363	80.83	79.29
Ni2316	231.604 {4	In2306	ppm	0.9474	0.0035	0.3705	0.9499	0.9449
P_1782	178.284 {4	In2306	ppm	0.1319	0.0006	0.4416	0.1315	0.1323
Pb2203	220.353 {4	In2306	ppm	0.9456	0.0004	0.0375	0.9459	0.9454
S_1820	182.034 {4	Y_2243	ppm	-313.4	1.351	0.4312	-314.3	-312.4
Sb2068	206.833 {4	Y_2243	ppm	0.9194	0.0098	1.068	0.9264	0.9125
Se1960	196.090 {4	Y_2243	ppm	0.9531	0.0064	0.6691	0.9576	0.9486
Si2516	251.611 {1	Y_3710	ppm	2.268	0.0201	0.8872	2.254	2.282
Sn1899	189.989 {4	In2306	ppm	0.9972	0.0013	0.1332	0.9981	0.9962
Sr4215	421.552 { 8	Y_3710	ppm	0.5738	0.004	0.6967	0.5767	0.571
Ti3349	334.904 {1	Y_3600	ppm	0.9882	0.001	0.0998	0.9889	0.9875
Tl1908	190.856 {4	In2306	ppm	0.9685	0.0113	1.164	0.9765	0.9605
V_2924	292.402 {1	Y_3600	ppm	0.9962	0.0023	0.2346	0.9978	0.9945
Zn2062	206.200 {4	In2306	ppm	0.9876	0.0042	0.4259	0.9847	0.9906

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.104	1.8146	3.2931	53.821	56.387
In2306	230.606 {4	Cts/S	8952.6	30.144	0.33671	8931.3	8973.9
Y_2243	224.306 {4	Cts/S	12309	76.539	0.62183	12255	12363
Y_3600	360.073 { 9	Cts/S	47413	435.58	0.91869	47721	47105
Y_3710	371.030 { 9	Cts/S	7964.1	37.881	0.47565	7937.3	7990.9

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.4939	0.0013	0.256	0.4948	0.493
Al3082	308.215 {1	In2306	ppm	10.75	0.1215	1.13	10.67	10.84
As1890	189.042 {4	Y_2243	ppm	0.9619	0.0025	0.2643	0.9601	0.9637
B_2496	249.678 {1	Y_3710	ppm	1.067	0.0035	0.3272	1.07	1.065
Ba4554	455.403 { 7	Y_3710	ppm	1.036	0.0078	0.7548	1.03	1.041
Be3130	313.042 {1	Y_3710	ppm	0.4933	0.0008	0.1655	0.4939	0.4928
Ca3158	315.887 {1	In2306	ppm	28.14	0.3029	1.076	28.35	27.92
Ca3181	318.128 {1	In2306	ppm	28.4	0.275	0.9682	28.59	28.2
Cd2288	228.802 {4	Y_2243	ppm	0.4806	0.0004	0.0914	0.4803	0.4809
Co2286	228.616 {4	In2306	ppm	0.9903	0.0012	0.1168	0.9894	0.9911
Cr2677	267.716 {1	Y_3600	ppm	0.9789	0.0071	0.7219	0.9739	0.9839
Cu3247	324.754 {1	Y_3600	ppm	1.008	0.0037	0.3666	1.011	1.006
Fe2404	240.488 {1	In2306	ppm	9.727	0.0271	0.2789	9.746	9.708
K_7664	766.490 { 4	Y_3710	ppm	16.57	0.7346	4.434	16.05	17.09
K_7698	769.896 { 4	Y_3710	ppm	16.81	0.7418	4.412	16.29	17.34
Li6707	670.784 { 5	Y_3710	ppm	0.5629	0.0284	5.045	0.5428	0.583
Mg2790	279.079 {1	Y_3710	ppm	11.97	0.0194	0.1622	11.96	11.98
Mn2576	257.610 {1	Y_3600	ppm	0.97	0.0017	0.1771	0.9688	0.9712
Mn2576-2	257.610 {1	Y_3710	ppm	0.9168	0.0077	0.8388	0.9223	0.9114
Mo2020	202.030 {4	Y_2243	ppm	0.9449	0.0017	0.1797	0.9437	0.9461
Na5895	589.592 { 5	Y_3710	ppm	79.51	0.0695	0.0875	79.46	79.56
Na8183	818.326 { 4	Y_3710	ppm	80.35	1.755	2.185	79.11	81.59
Ni2316	231.604 {4	In2306	ppm	0.9599	0.0015	0.1523	0.9589	0.9609
P_1782	178.284 {4	In2306	ppm	0.131	0.0005	0.38	0.1314	0.1307
Pb2203	220.353 {4	In2306	ppm	0.959	0.0011	0.114	0.9598	0.9582
S_1820	182.034 {4	Y_2243	ppm	-311.3	0.3674	0.118	-311	-311.5
Sb2068	206.833 {4	Y_2243	ppm	0.9431	0.0052	0.549	0.9468	0.9394
Se1960	196.090 {4	Y_2243	ppm	0.9603	0.0022	0.2317	0.9587	0.9619
Si2516	251.611 {1	Y_3710	ppm	2.311	0.0046	0.1989	2.307	2.314
Sn1899	189.989 {4	In2306	ppm	1.012	0.0001	0.0122	1.012	1.012
Sr4215	421.552 { 8	Y_3710	ppm	0.5817	0.0021	0.3615	0.5802	0.5832
Ti3349	334.904 {1	Y_3600	ppm	1.009	0.0016	0.1563	1.008	1.01
Tl1908	190.856 {4	In2306	ppm	0.9783	0.0094	0.9582	0.9849	0.9717
V_2924	292.402 {1	Y_3600	ppm	1.012	0.0015	0.1471	1.011	1.013
Zn2062	206.200 {4	In2306	ppm	0.9954	0.0009	0.0871	0.9948	0.9961

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.671	0.38719	0.70821	54.945	54.397
In2306	230.606 {4	Cts/S	8963.1	9.3891	0.10475	8969.7	8956.4
Y_2243	224.306 {4	Cts/S	12316	15.889	0.12902	12327	12305
Y_3600	360.073 { 9	Cts/S	47070	340.71	0.72383	46829	47311
Y_3710	371.030 { 9	Cts/S	7912.1	50.702	0.64082	7947.9	7876.2

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0003	13940	0.0002	-0.0002
Al3082	308.215	{1	In2306	ppm	3.967	0.1379	3.476	4.064	3.869
As1890	189.042	{4	Y_2243	ppm	0.0165	0.0153	92.47	0.0057	0.0274
B_2496	249.678	{1	Y_3710	ppm	0.1493	0.0029	1.933	0.1473	0.1514
Ba4554	455.403	{ 7	Y_3710	ppm	0.1867	0.0002	0.1251	0.1869	0.1866
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0002	167.7	0.0002	0
Ca3158	315.887	{1	In2306	ppm	50.32	2.368	4.705	52	48.65
Ca3181	318.128	{1	In2306	ppm	50.69	2.412	4.757	52.4	48.99
Cd2288	228.802	{4	Y_2243	ppm	0.0069	0.0083	119.1	0.0011	0.0128
Co2286	228.616	{4	In2306	ppm	0.0159	0.0177	111.8	0.0033	0.0284
Cr2677	267.716	{1	Y_3600	ppm	0.0082	0.0004	4.768	0.0079	0.0085
Cu3247	324.754	{1	Y_3600	ppm	0.0011	0.0001	7.159	0.0012	0.001
Fe2404	240.488	{1	In2306	ppm	2.225	0.0836	3.76	2.284	2.166
K_7664	766.490	{ 4	Y_3710	ppm	9.943	0.0593	0.5959	9.985	9.901
K_7698	769.896	{ 4	Y_3710	ppm	9.882	0.1078	1.091	9.958	9.806
Li6707	670.784	{ 5	Y_3710	ppm	0.0405	0.0003	0.8282	0.0408	0.0403
Mg2790	279.079	{1	Y_3710	ppm	14.46	0.1464	1.013	14.56	14.35
Mn2576	257.610	{1	Y_3600	ppm	0.054	0.0002	0.2996	0.0538	0.0541
Mn2576-2	257.610	{1	Y_3710	ppm	0.0512	0.0003	0.4905	0.0514	0.051
Mo2020	202.030	{4	Y_2243	ppm	0.0304	0.0183	60.31	0.0174	0.0434
Na5895	589.592	{ 5	Y_3710	ppm	70.28	0.4823	0.6863	69.94	70.62
Na8183	818.326	{ 4	Y_3710	ppm	71.81	0.0795	0.1107	71.86	71.75
Ni2316	231.604	{4	In2306	ppm	0.017	0.0172	100.8	0.0049	0.0292
P_1782	178.284	{4	In2306	ppm	0.6471	0.0136	2.099	0.6567	0.6374
Pb2203	220.353	{4	In2306	ppm	0.0142	0.0147	103.2	0.0038	0.0246
S_1820	182.034	{4	Y_2243	ppm	-831	12.43	1.496	-839.8	-822.2
Sb2068	206.833	{4	Y_2243	ppm	0.029	0.0187	64.33	0.0158	0.0422
Se1960	196.090	{4	Y_2243	ppm	0.0114	0.0121	106.7	0.0028	0.0199
Si2516	251.611	{1	Y_3710	ppm	10.42	0.0772	0.7408	10.48	10.37
Sn1899	189.989	{4	In2306	ppm	0.0185	0.0203	109.5	0.0042	0.0329
Sr4215	421.552	{ 8	Y_3710	ppm	0.395	0.0004	0.0938	0.3947	0.3953
Ti3349	334.904	{1	Y_3600	ppm	0.0338	0.0009	2.703	0.0331	0.0344
Tl1908	190.856	{4	In2306	ppm	0.025	0.0253	101.1	0.0071	0.0429
V_2924	292.402	{1	Y_3600	ppm	0.0283	0.0004	1.302	0.028	0.0286
Zn2062	206.200	{4	In2306	ppm	0.0526	0.0166	31.53	0.0408	0.0643

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.89	2.3722	4.4019	52.213	55.567
In2306	230.606	{4	Cts/S	8981.9	16.925	0.18843	8969.9	8993.8
Y_2243	224.306	{4	Cts/S	12227	60.574	0.49543	12184	12269
Y_3600	360.073	{ 9	Cts/S	47149	128.89	0.27338	47058	47240
Y_3710	371.030	{ 9	Cts/S	8043.1	13.015	0.16181	8033.9	8052.3

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0004	427.4	0.0002	-0.0004
Al3082	308.215	{1	In2306	ppm	25.93	0.2928	1.13	25.72	26.13
As1890	189.042	{4	Y_2243	ppm	0.0133	0.0002	1.702	0.0131	0.0134
B_2496	249.678	{1	Y_3710	ppm	0.3488	0.0071	2.039	0.3437	0.3538
Ba4554	455.403	{ 7	Y_3710	ppm	0.1792	0.0008	0.4611	0.1798	0.1787
Be3130	313.042	{1	Y_3710	ppm	0.0009	0	3.469	0.0009	0.001
Ca3158	315.887	{1	In2306	ppm	186.6	2.434	1.304	184.9	188.4
Ca3181	318.128	{1	In2306	ppm	191.3	2.502	1.308	189.6	193.1
Cd2288	228.802	{4	Y_2243	ppm	0.0092	0.0006	6.652	0.0088	0.0096
Co2286	228.616	{4	In2306	ppm	0.011	0.0015	13.82	0.0099	0.012
Cr2677	267.716	{1	Y_3600	ppm	0.0394	0.0003	0.6556	0.0396	0.0392
Cu3247	324.754	{1	Y_3600	ppm	0.0382	0.0012	3.047	0.0391	0.0374
Fe2404	240.488	{1	In2306	ppm	27.01	0.2668	0.9878	26.82	27.2
K_7664	766.490	{ 4	Y_3710	ppm	30.08	0.1412	0.4695	30.18	29.98
K_7698	769.896	{ 4	Y_3710	ppm	31.03	0.1819	0.586	31.16	30.91
Li6707	670.784	{ 5	Y_3710	ppm	0.1351	0.0011	0.8489	0.1359	0.1343
Mg2790	279.079	{1	Y_3710	ppm	17.64	0.1576	0.8933	17.53	17.75
Mn2576	257.610	{1	Y_3600	ppm	0.9451	0.0003	0.0306	0.9453	0.9449
Mn2576-2	257.610	{1	Y_3710	ppm	0.9358	0.0008	0.0881	0.9364	0.9352
Mo2020	202.030	{4	Y_2243	ppm	0.0105	0.0017	16.54	0.0093	0.0117
Na5895	589.592	{ 5	Y_3710	ppm	126.8	1.62	1.277	125.7	128
Na8183	818.326	{ 4	Y_3710	ppm	123.9	0.7563	0.6106	124.4	123.3
Ni2316	231.604	{4	In2306	ppm	0.0311	0.0013	4.052	0.0302	0.032
P_1782	178.284	{4	In2306	ppm	0.4935	0.0013	0.2625	0.4944	0.4926
Pb2203	220.353	{4	In2306	ppm	1.322	0.0227	1.72	1.338	1.306
S_1820	182.034	{4	Y_2243	ppm	-26770	376.1	1.405	-27040	-26510
Sb2068	206.833	{4	Y_2243	ppm	0.0171	0.0026	14.92	0.0153	0.0189
Se1960	196.090	{4	Y_2243	ppm	0.0042	0.0003	7.204	0.004	0.0044
Si2516	251.611	{1	Y_3710	ppm	31.66	0.9233	2.916	32.31	31.01
Sn1899	189.989	{4	In2306	ppm	0.0116	0.0016	13.74	0.0105	0.0127
Sr4215	421.552	{ 8	Y_3710	ppm	1.721	0.001	0.0596	1.722	1.721
Ti3349	334.904	{1	Y_3600	ppm	0.2616	0.001	0.3945	0.2623	0.2609
Tl1908	190.856	{4	In2306	ppm	0.0029	0.0024	80.27	0.0013	0.0046
V_2924	292.402	{1	Y_3600	ppm	0.0654	0.0005	0.7744	0.0657	0.065
Zn2062	206.200	{4	In2306	ppm	0.1654	0.0019	1.177	0.1668	0.164

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	54	0.77638	1.4377	54.549	53.451
In2306	230.606	{4	Cts/S	8423.9	1.0431	0.01238	8424.7	8423.2
Y_2243	224.306	{4	Cts/S	12231	48.456	0.39616	12266	12197
Y_3600	360.073	{ 9	Cts/S	46015	68.427	0.14871	45966	46063
Y_3710	371.030	{ 9	Cts/S	7456.4	9.2863	0.12454	7449.8	7462.9

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.0003	465.1	-0.0001	0.0003
Al3082	308.215	{1	In2306	ppm	0.0369	0.0256	69.35	0.055	0.0188
As1890	189.042	{4	Y_2243	ppm	0.0001	0.0011	1213	-0.0007	0.0009
B_2496	249.678	{1	Y_3710	ppm	0.011	0.0041	37.36	0.0081	0.0139
Ba4554	455.403	{ 7	Y_3710	ppm	0.0044	0	0.396	0.0044	0.0044
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0	40.07	-0.0001	-0.0001
Ca3158	315.887	{1	In2306	ppm	0.0453	0.0016	3.527	0.0442	0.0464
Ca3181	318.128	{1	In2306	ppm	0.1556	0.0493	31.7	0.1207	0.1905
Cd2288	228.802	{4	Y_2243	ppm	0.0005	0.0007	151.3	0	0.001
Co2286	228.616	{4	In2306	ppm	0.0011	0.0008	77.59	0.0005	0.0016
Cr2677	267.716	{1	Y_3600	ppm	0.0003	0.0001	47.05	0.0004	0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0012	0.0001	6.098	-0.0011	-0.0012
Fe2404	240.488	{1	In2306	ppm	-0.0186	0.0139	74.75	-0.0088	-0.0284
K_7664	766.490	{ 4	Y_3710	ppm	0.0675	0.0056	8.349	0.0635	0.0715
K_7698	769.896	{ 4	Y_3710	ppm	-0.1874	0.0238	12.71	-0.1705	-0.2042
Li6707	670.784	{ 5	Y_3710	ppm	0.0004	0.0001	32.35	0.0005	0.0003
Mg2790	279.079	{1	Y_3710	ppm	-0.0828	0.0182	21.93	-0.0956	-0.0699
Mn2576	257.610	{1	Y_3600	ppm	0.0017	0.0002	12.43	0.0016	0.0019
Mn2576-2	257.610	{1	Y_3710	ppm	0.0017	0.0019	112.7	0.003	0.0003
Mo2020	202.030	{4	Y_2243	ppm	0.0012	0.0011	90.15	0.0004	0.0019
Na5895	589.592	{ 5	Y_3710	ppm	0.1735	0.0036	2.102	0.1761	0.1709
Na8183	818.326	{ 4	Y_3710	ppm	0.284	0.0421	14.81	0.3138	0.2543
Ni2316	231.604	{4	In2306	ppm	0.0017	0.0017	99.53	0.0005	0.0028
P_1782	178.284	{4	In2306	ppm	0.0206	0.0214	104.2	0.0054	0.0357
Pb2203	220.353	{4	In2306	ppm	0.0542	0.0578	106.6	0.0134	0.0951
S_1820	182.034	{4	Y_2243	ppm	^ *****	-----	-----	-298.1	^ -----
Sb2068	206.833	{4	Y_2243	ppm	0.0038	0.0025	64.86	0.0021	0.0056
Se1960	196.090	{4	Y_2243	ppm	0.0001	0.0009	851.4	0.0008	-0.0005
Si2516	251.611	{1	Y_3710	ppm	0.1321	0.0021	1.58	0.1306	0.1336
Sn1899	189.989	{4	In2306	ppm	0.0004	0.0009	255.1	-0.0003	0.001
Sr4215	421.552	{ 8	Y_3710	ppm	0.0002	0.0001	68.18	0.0002	0.0001
Ti3349	334.904	{1	Y_3600	ppm	0.0006	0.0003	48.48	0.0008	0.0004
Tl1908	190.856	{4	In2306	ppm	0.0021	0.0022	106.2	0.0005	0.0037
V_2924	292.402	{1	Y_3600	ppm	-0.001	0.0006	63.15	-0.0005	-0.0014
Zn2062	206.200	{4	In2306	ppm	0.0109	0.0069	63.65	0.006	0.0158

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.427	0.22181	0.41516	53.584	53.27
In2306	230.606	{4	Cts/S	9915.7	203.84	2.0557	10060	9771.6
Y_2243	224.306	{4	Cts/S	12596	90.014	0.71459	12660	12533
Y_3600	360.073	{ 9	Cts/S	44328	116.58	0.26299	44410	44245
Y_3710	371.030	{ 9	Cts/S	8041.7	25.347	0.31519	8059.7	8023.8

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:32:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0007	406	0.0007	-0.0003
Al3082	308.215 {1	In2306	ppm	1.846	0.0336	1.819	1.822	1.87
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0004	53.61	-0.0005	-0.0011
B_2496	249.678 {1	Y_3710	ppm	0.1054	0.0109	10.35	0.0977	0.1131
Ba4554	455.403 { 7	Y_3710	ppm	0.065	0	0.0635	0.065	0.0649
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	126.6	0	0.0002
Ca3158	315.887 {1	In2306	ppm	222.5	1.599	0.7186	221.4	223.6
Ca3181	318.128 {1	In2306	ppm	227.7	1.813	0.7962	226.4	228.9
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	51.47	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0016	0.0001	6.936	0.0017	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.0049	0.0002	3.101	0.0048	0.005
Cu3247	324.754 {1	Y_3600	ppm	0.0049	0.001	19.64	0.0056	0.0043
Fe2404	240.488 {1	In2306	ppm	0.2725	0.0165	6.058	0.2608	0.2842
K_7664	766.490 { 4	Y_3710	ppm	21.31	0.0894	0.4197	21.24	21.37
K_7698	769.896 { 4	Y_3710	ppm	22.27	0.1842	0.8269	22.14	22.4
Li6707	670.784 { 5	Y_3710	ppm	0.0082	0.0001	1.585	0.0082	0.0081
Mg2790	279.079 {1	Y_3710	ppm	79.26	0.4676	0.5899	78.93	79.59
Mn2576	257.610 {1	Y_3600	ppm	0.1421	0.001	0.7071	0.1428	0.1414
Mn2576-2	257.610 {1	Y_3710	ppm	0.1414	0.0004	0.2701	0.1416	0.1411
Mo2020	202.030 {4	Y_2243	ppm	0.0057	0.0001	1.559	0.0058	0.0056
Na5895	589.592 { 5	Y_3710	ppm	881.2	2.501	0.2839	882.9	879.4
Na8183	818.326 { 4	Y_3710	ppm	1362	2.66	0.1953	1360	1364
Ni2316	231.604 {4	In2306	ppm	0.0218	0.0001	0.5266	0.0219	0.0217
P_1782	178.284 {4	In2306	ppm	0.0887	0.0013	1.476	0.0878	0.0896
Pb2203	220.353 {4	In2306	ppm	0.0078	0.0014	18.03	0.0068	0.0088
S_1820	182.034 {4	Y_2243	ppm	-28130	184.2	0.6549	-28260	-28000
Sb2068	206.833 {4	Y_2243	ppm	0.002	0.0002	10.43	0.0021	0.0018
Se1960	196.090 {4	Y_2243	ppm	0.0004	0	8.45	0.0004	0.0004
Si2516	251.611 {1	Y_3710	ppm	8.409	0.0975	1.159	8.34	8.478
Sn1899	189.989 {4	In2306	ppm	0	0.0002	1030	-0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.4003	0.0006	0.1583	0.3998	0.4007
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0002	5.68	0.0026	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0025	0.0002	6.325	0.0024	0.0026
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0002	37.98	0.0007	0.0004
Zn2062	206.200 {4	In2306	ppm	0.1251	0.001	0.822	0.1258	0.1244

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.287	0.55961	1.0911	51.682	50.891
In2306	230.606 {4	Cts/S	6897.9	5.9601	0.0864	6902.2	6893.7
Y_2243	224.306 {4	Cts/S	10298	7.4301	0.07215	10303	10293
Y_3600	360.073 { 9	Cts/S	48215	269.65	0.55926	48025	48406
Y_3710	371.030 { 9	Cts/S	7602.5	41.397	0.54452	7631.8	7573.2

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Custom ID3=
Run Time=1/25/2012 12:35:30
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0005	0.0006	113	0.0001	0.0009
Al3082	308.215	{1	In2306	ppm	0.28	0.1089	38.89	0.203	0.3569
As1890	189.042	{4	Y_2243	ppm	0.0017	0.0007	39.39	0.0012	0.0022
B_2496	249.678	{1	Y_3710	ppm	0.0928	0.0037	3.943	0.0902	0.0954
Ba4554	455.403	{ 7	Y_3710	ppm	0.0473	0.0004	0.8757	0.047	0.0476
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0002	177.4	0	-0.0003
Ca3158	315.887	{1	In2306	ppm	47.42	2.471	5.211	45.67	49.17
Ca3181	318.128	{1	In2306	ppm	48.07	2.433	5.061	46.35	49.79
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0	23.63	0.0001	0.0001
Co2286	228.616	{4	In2306	ppm	0.0006	0.0002	38.17	0.0005	0.0008
Cr2677	267.716	{1	Y_3600	ppm	0.0034	0.0004	11.81	0.0031	0.0037
Cu3247	324.754	{1	Y_3600	ppm	0.0023	0.0006	27.4	0.0019	0.0028
Fe2404	240.488	{1	In2306	ppm	3.185	0.1407	4.418	3.086	3.284
K_7664	766.490	{ 4	Y_3710	ppm	340.1	19.85	5.837	354.2	326.1
K_7698	769.896	{ 4	Y_3710	ppm	394.7	5.302	1.343	390.9	398.4
Li6707	670.784	{ 5	Y_3710	ppm	0.0099	0.0006	5.836	0.0095	0.0103
Mg2790	279.079	{1	Y_3710	ppm	5.135	0.0354	0.6899	5.16	5.11
Mn2576	257.610	{1	Y_3600	ppm	0.066	0.0016	2.443	0.0648	0.0671
Mn2576-2	257.610	{1	Y_3710	ppm	0.0652	0.0016	2.401	0.0641	0.0663
Mo2020	202.030	{4	Y_2243	ppm	0.0049	0.0003	6.476	0.0052	0.0047
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	1035	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	1748	15.18	0.8682	1738	1759
Ni2316	231.604	{4	In2306	ppm	0.0067	0.0008	11.42	0.0061	0.0072
P_1782	178.284	{4	In2306	ppm	8.06	0.4457	5.53	8.375	7.745
Pb2203	220.353	{4	In2306	ppm	0.0024	0.0005	20.94	0.002	0.0027
S_1820	182.034	{4	Y_2243	ppm	-12000	769.7	6.413	-11460	-12550
Sb2068	206.833	{4	Y_2243	ppm	0.0014	0.0001	10.82	0.0015	0.0013
Se1960	196.090	{4	Y_2243	ppm	-0.002	0.0009	46.44	-0.0013	-0.0026
Si2516	251.611	{1	Y_3710	ppm	4.248	0.0164	0.3852	4.259	4.236
Sn1899	189.989	{4	In2306	ppm	0.0003	0	0.3626	0.0003	0.0003
Sr4215	421.552	{ 8	Y_3710	ppm	0.2055	0.0005	0.2538	0.2051	0.2058
Ti3349	334.904	{1	Y_3600	ppm	0.0022	0.0007	32.61	0.0017	0.0028
Tl1908	190.856	{4	In2306	ppm	-0.0003	0.0009	289	0.0003	-0.001
V_2924	292.402	{1	Y_3600	ppm	0.0035	0.0008	22.29	0.0041	0.003
Zn2062	206.200	{4	In2306	ppm	0.1286	0.0016	1.259	0.1298	0.1275

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	49.502	2.723	5.5008	51.428	47.577
In2306	230.606	{4	Cts/S	6882.3	4.1548	0.06037	6879.4	6885.3
Y_2243	224.306	{4	Cts/S	10268	5.3776	0.05237	10272	10264
Y_3600	360.073	{ 9	Cts/S	48114	1043.9	2.1696	48852	47376
Y_3710	371.030	{ 9	Cts/S	7557	2.3397	0.03096	7558.7	7555.4

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Run Time=1/25/2012 12:38:14
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.4962	0.0032	0.6445	0.4939	0.4985
Al3082	308.215	{1	In2306	ppm	11.07	0.4825	4.359	11.41	10.73
As1890	189.042	{4	Y_2243	ppm	0.9776	0.0081	0.8248	0.9833	0.9719
B_2496	249.678	{1	Y_3710	ppm	1.07	0.0117	1.092	1.062	1.079
Ba4554	455.403	{ 7	Y_3710	ppm	1.052	0.0022	0.2098	1.053	1.05
Be3130	313.042	{1	Y_3710	ppm	0.4895	0.0009	0.1875	0.4889	0.4902
Ca3158	315.887	{1	In2306	ppm	28.49	1.155	4.055	29.3	27.67
Ca3181	318.128	{1	In2306	ppm	28.65	1.225	4.275	29.52	27.79
Cd2288	228.802	{4	Y_2243	ppm	0.4871	0.001	0.2114	0.4879	0.4864
Co2286	228.616	{4	In2306	ppm	0.9842	0.0057	0.5745	0.9882	0.9802
Cr2677	267.716	{1	Y_3600	ppm	0.9817	0.0037	0.3819	0.9843	0.979
Cu3247	324.754	{1	Y_3600	ppm	1.009	0.0048	0.4712	1.012	1.005
Fe2404	240.488	{1	In2306	ppm	9.938	0.4221	4.247	10.24	9.64
K_7664	766.490	{ 4	Y_3710	ppm	17.7	0.0613	0.3464	17.65	17.74
K_7698	769.896	{ 4	Y_3710	ppm	18.05	0.0966	0.5353	17.98	18.12
Li6707	670.784	{ 5	Y_3710	ppm	1.19	0.0036	0.299	1.187	1.193
Mg2790	279.079	{1	Y_3710	ppm	11.91	0.0104	0.0877	11.9	11.92
Mn2576	257.610	{1	Y_3600	ppm	0.9861	0.0001	0.0104	0.9862	0.986
Mn2576-2	257.610	{1	Y_3710	ppm	0.9289	0.0011	0.1223	0.9297	0.9281
Mo2020	202.030	{4	Y_2243	ppm	0.9426	0.0042	0.4413	0.9456	0.9397
Na5895	589.592	{ 5	Y_3710	ppm	81.25	1.015	1.25	80.53	81.97
Na8183	818.326	{ 4	Y_3710	ppm	82.14	0.3086	0.3757	81.92	82.36
Ni2316	231.604	{4	In2306	ppm	0.9635	0.0067	0.6969	0.9682	0.9587
P_1782	178.284	{4	In2306	ppm	1.17	0.0112	0.9538	1.162	1.178
Pb2203	220.353	{4	In2306	ppm	0.9608	0.0073	0.7614	0.9659	0.9556
S_1820	182.034	{4	Y_2243	ppm	-342	27.97	8.178	-322.2	-361.8
Sb2068	206.833	{4	Y_2243	ppm	0.9611	0.0008	0.0844	0.9617	0.9605
Se1960	196.090	{4	Y_2243	ppm	0.9668	0.0036	0.3701	0.9694	0.9643
Si2516	251.611	{1	Y_3710	ppm	2.437	0.0546	2.24	2.398	2.476
Sn1899	189.989	{4	In2306	ppm	0.9933	0.0052	0.5225	0.997	0.9896
Sr4215	421.552	{ 8	Y_3710	ppm	0.5863	0.001	0.1714	0.587	0.5855
Ti3349	334.904	{1	Y_3600	ppm	1.003	0.0023	0.2329	1.001	1.004
Tl1908	190.856	{4	In2306	ppm	0.9989	0.0009	0.0904	0.9995	0.9982
V_2924	292.402	{1	Y_3600	ppm	0.9983	0.0104	1.045	1.006	0.9909
Zn2062	206.200	{4	In2306	ppm	0.9871	0.0061	0.622	0.9915	0.9828

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.247	2.4349	4.5729	51.525	54.969
In2306	230.606	{4	Cts/S	8857.4	24.351	0.27492	8874.6	8840.2
Y_2243	224.306	{4	Cts/S	12104	49.609	0.40986	12139	12069
Y_3600	360.073	{ 9	Cts/S	47312	193.25	0.40846	47449	47175
Y_3710	371.030	{ 9	Cts/S	7853.7	2.8502	0.03629	7855.7	7851.6

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Run Time=1/25/2012 12:40:43

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2431	0.0002	0.0687	0.243	0.2432
Al3082	308.215 {1	In2306	ppm	2.663	0.0009	0.0352	2.662	2.663
As1890	189.042 {4	Y_2243	ppm	0.4764	0.0014	0.3038	0.4754	0.4775
B_2496	249.678 {1	Y_3710	ppm	0.4897	0.0013	0.2633	0.4887	0.4906
Ba4554	455.403 { 7	Y_3710	ppm	0.4907	0.0018	0.3676	0.4919	0.4894
Be3130	313.042 {1	Y_3710	ppm	0.4913	0.0017	0.3497	0.4901	0.4925
Ca3158	315.887 {1	In2306	ppm	12.67	0.0443	0.3493	12.7	12.64
Ca3181	318.128 {1	In2306	ppm	12.78	0.2061	1.612	12.64	12.93
Cd2288	228.802 {4	Y_2243	ppm	0.482	0.001	0.2129	0.4827	0.4813
Co2286	228.616 {4	In2306	ppm	0.4914	0.0033	0.6759	0.4891	0.4938
Cr2677	267.716 {1	Y_3600	ppm	0.4929	0.0044	0.8862	0.496	0.4898
Cu3247	324.754 {1	Y_3600	ppm	0.4885	0.0034	0.6995	0.4909	0.4861
Fe2404	240.488 {1	In2306	ppm	2.433	0.0378	1.553	2.46	2.407
K_7664	766.490 { 4	Y_3710	ppm	14.38	0.077	0.5355	14.44	14.33
K_7698	769.896 { 4	Y_3710	ppm	14.58	0.1356	0.9303	14.67	14.48
Li6707	670.784 { 5	Y_3710	ppm	0.5659	0.0077	1.355	0.5714	0.5605
Mg2790	279.079 {1	Y_3710	ppm	4.659	0.025	0.5367	4.676	4.641
Mn2576	257.610 {1	Y_3600	ppm	0.4817	0.0004	0.0788	0.482	0.4815
Mn2576-2	257.610 {1	Y_3710	ppm	0.4453	0.0043	0.9659	0.4423	0.4483
Mo2020	202.030 {4	Y_2243	ppm	0.4831	0.0029	0.6	0.4811	0.4852
Na5895	589.592 { 5	Y_3710	ppm	14.14	0.1365	0.9653	14.24	14.05
Na8183	818.326 { 4	Y_3710	ppm	13.23	0.1567	1.184	13.34	13.12
Ni2316	231.604 {4	In2306	ppm	0.4758	0.0025	0.5351	0.474	0.4776
P_1782	178.284 {4	In2306	ppm	0.006	0.0087	145.9	-0.0002	0.0121
Pb2203	220.353 {4	In2306	ppm	0.4787	0.0021	0.4349	0.4772	0.4802
S_1820	182.034 {4	Y_2243	ppm	-48.76	3.384	6.94	-46.37	-51.16
Sb2068	206.833 {4	Y_2243	ppm	0.4799	0.0038	0.7899	0.4772	0.4825
Se1960	196.090 {4	Y_2243	ppm	0.4801	0.0002	0.0313	0.48	0.4802
Si2516	251.611 {1	Y_3710	ppm	0.7884	0.0473	5.998	0.7549	0.8218
Sn1899	189.989 {4	In2306	ppm	0.5029	0.0043	0.8503	0.4999	0.5059
Sr4215	421.552 { 8	Y_3710	ppm	0.2462	0.0005	0.185	0.2466	0.2459
Ti3349	334.904 {1	Y_3600	ppm	0.5061	0.0005	0.098	0.5058	0.5065
Tl1908	190.856 {4	In2306	ppm	0.4851	0.0091	1.867	0.4915	0.4787
V_2924	292.402 {1	Y_3600	ppm	0.5054	0.001	0.2008	0.5047	0.5061
Zn2062	206.200 {4	In2306	ppm	0.4827	0.0019	0.4019	0.4813	0.484

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.266	0.64498	1.1886	53.81	54.722
In2306	230.606 {4	Cts/S	9515.3	22.56	0.23709	9531.2	9499.3
Y_2243	224.306 {4	Cts/S	12513	18.632	0.14889	12526	12500
Y_3600	360.073 { 9	Cts/S	46578	221	0.47448	46421	46734
Y_3710	371.030 { 9	Cts/S	8033.5	8.3388	0.1038	8027.6	8039.4

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=LLCCV
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/25/2012 12:43:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0049	0.0008	16.97	0.0043	0.0055
Al3082	308.215	{1	In2306	ppm	0.0618	0.0396	64.19	0.0337	0.0898
As1890	189.042	{4	Y_2243	ppm	0.011	0.0025	22.41	0.0093	0.0128
B_2496	249.678	{1	Y_3710	ppm	0.0025	0.0011	44.46	0.0017	0.0032
Ba4554	455.403	{ 7	Y_3710	ppm	0.0097	0	0.3557	0.0098	0.0097
Be3130	313.042	{1	Y_3710	ppm	0.0047	0.0001	2.511	0.0048	0.0047
Ca3158	315.887	{1	In2306	ppm	0.076	0.0032	4.218	0.0782	0.0737
Ca3181	318.128	{1	In2306	ppm	0.1382	0.091	65.87	0.2025	0.0738
Cd2288	228.802	{4	Y_2243	ppm	0.0073	0.0031	42.01	0.0051	0.0095
Co2286	228.616	{4	In2306	ppm	0.0126	0.0033	25.94	0.0103	0.0149
Cr2677	267.716	{1	Y_3600	ppm	0.0096	0.0004	4.684	0.0099	0.0093
Cu3247	324.754	{1	Y_3600	ppm	0.0077	0.0001	1.38	0.0076	0.0078
Fe2404	240.488	{1	In2306	ppm	0.0699	0.0198	28.27	0.0838	0.0559
K_7664	766.490	{ 4	Y_3710	ppm	0.8329	0.0011	0.134	0.8337	0.8321
K_7698	769.896	{ 4	Y_3710	ppm	0.5883	0.0213	3.613	0.5733	0.6033
Li6707	670.784	{ 5	Y_3710	ppm	0.0109	0.0004	3.657	0.0106	0.0112
Mg2790	279.079	{1	Y_3710	ppm	0.0656	0.0106	16.19	0.0581	0.0731
Mn2576	257.610	{1	Y_3600	ppm	0.0102	0	0.1948	0.0102	0.0102
Mn2576-2	257.610	{1	Y_3710	ppm	0.0083	0.0008	9.042	0.0078	0.0089
Mo2020	202.030	{4	Y_2243	ppm	0.0141	0.0041	28.82	0.0113	0.017
Na5895	589.592	{ 5	Y_3710	ppm	0.8479	0.0197	2.325	0.834	0.8618
Na8183	818.326	{ 4	Y_3710	ppm	0.8934	0.0121	1.35	0.8849	0.9019
Ni2316	231.604	{4	In2306	ppm	0.0119	0.0032	27.13	0.0097	0.0142
P_1782	178.284	{4	In2306	ppm	0.0088	0.0007	8.189	0.0083	0.0093
Pb2203	220.353	{4	In2306	ppm	0.0126	0.0027	21.42	0.0107	0.0145
S_1820	182.034	{4	Y_2243	ppm	-3.486	0.3523	10.11	-3.236	-3.735
Sb2068	206.833	{4	Y_2243	ppm	0.0194	0.0026	13.66	0.0175	0.0212
Se1960	196.090	{4	Y_2243	ppm	0.0102	0.0041	40.68	0.0072	0.0131
Si2516	251.611	{1	Y_3710	ppm	-0.0048	0.0075	156.1	-0.0101	0.0005
Sn1899	189.989	{4	In2306	ppm	0.0128	0.0036	28.09	0.0102	0.0153
Sr4215	421.552	{ 8	Y_3710	ppm	0.0048	0	0.6001	0.0048	0.0048
Ti3349	334.904	{1	Y_3600	ppm	0.0107	0.0005	4.474	0.0103	0.011
Tl1908	190.856	{4	In2306	ppm	0.0173	0.007	40.32	0.0124	0.0223
V_2924	292.402	{1	Y_3600	ppm	0.0105	0.0002	2.04	0.0104	0.0107
Zn2062	206.200	{4	In2306	ppm	0.0107	0.0031	28.81	0.0086	0.0129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	57.148	0.20034	0.35056	57.006	57.289
In2306	230.606	{4	Cts/S	10093	4.6227	0.0458	10097	10090
Y_2243	224.306	{4	Cts/S	12796	39.112	0.30566	12768	12824
Y_3600	360.073	{ 9	Cts/S	45384	97.178	0.21413	45452	45315
Y_3710	371.030	{ 9	Cts/S	8250.6	29.6	0.35876	8271.5	8229.6

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Username=admin
Comment=
Custom ID1=
Custom ID2=

Custom ID3=
Run Time=1/25/2012 12:45:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.001	281.1	-0.0004	0.0011
Al3082	308.215 {1	In2306	ppm	-0.0387	0.01	25.76	-0.0457	-0.0316
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0003	101.7	0.0006	0.0001
B_2496	249.678 {1	Y_3710	ppm	-0.0019	0.0084	454	0.0041	-0.0078
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	145.4	0	0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	46.19	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.0013	0.0107	846.9	-0.0063	0.0088
Ca3181	318.128 {1	In2306	ppm	0.0689	0.1368	198.5	-0.0278	0.1656
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0003	140.8	0	0.0004
Co2286	228.616 {4	In2306	ppm	0.0003	0.0005	151.2	0	0.0007
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0	3.023	-0.0002	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0021	0.0005	24.59	-0.0017	-0.0024
Fe2404	240.488 {1	In2306	ppm	-0.0308	0.011	35.73	-0.0386	-0.0231
K_7664	766.490 { 4	Y_3710	ppm	0.1603	0.0042	2.592	0.1632	0.1573
K_7698	769.896 { 4	Y_3710	ppm	0.1201	0.032	26.68	0.1428	0.0975
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0005	92.36	0.0002	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.0304	0.0487	160.2	-0.004	0.0648
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	103.2	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0001	56.83	-0.0001	-0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0008	0.0005	58.26	0.0005	0.0012
Na5895	589.592 { 5	Y_3710	ppm	0.1632	0.0011	0.6867	0.1624	0.164
Na8183	818.326 { 4	Y_3710	ppm	0.3174	0.075	23.62	0.3704	0.2644
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0004	329.8	-0.0002	0.0004
P_1782	178.284 {4	In2306	ppm	0.0004	0.0002	56.18	0.0006	0.0002
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0001	13.04	0.0008	0.0009
S_1820	182.034 {4	Y_2243	ppm	-4.083	0.0458	1.121	-4.051	-4.115
Sb2068	206.833 {4	Y_2243	ppm	0.0053	0.0001	2.673	0.0054	0.0052
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0003	45.76	-0.0004	-0.0008
Si2516	251.611 {1	Y_3710	ppm	-0.0036	0.0047	131.6	-0.0002	-0.007
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0007	143.6	0	0.001
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	21.25	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0001	17.59	0.0005	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0012	0.001	82.11	0.0005	0.0019
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0001	17.06	-0.0006	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0003	0.0003	110.4	0.0001	0.0005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.55	0.83489	1.5591	54.141	52.96
In2306	230.606 {4	Cts/S	10071	31.651	0.31427	10049	10094
Y_2243	224.306 {4	Cts/S	12764	44.37	0.34763	12732	12795
Y_3600	360.073 { 9	Cts/S	44564	226.87	0.50908	44404	44725
Y_3710	371.030 { 9	Cts/S	7960.4	104.24	1.3095	7886.7	8034.1

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Username=admin
Comment=
Custom ID1=

Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:48:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	14.81	0.0003	0.0002
Al3082	308.215 {1	In2306	ppm	0.0335	0.0104	31.2	0.0261	0.0409
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0006	277.5	0.0002	-0.0006
B_2496	249.678 {1	Y_3710	ppm	0.0078	0.013	166.7	-0.0014	0.017
Ba4554	455.403 { 7	Y_3710	ppm	0.0119	0	0.3811	0.012	0.0119
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	19.05	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	3.65	0.1197	3.279	3.565	3.734
Ca3181	318.128 {1	In2306	ppm	3.798	0.1298	3.418	3.706	3.89
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	39.62	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0002	685.6	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0.0004	57.06	-0.0005	-0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0003	15.89	-0.002	-0.0016
Fe2404	240.488 {1	In2306	ppm	0.0114	0.0076	66.47	0.0168	0.0061
K_7664	766.490 { 4	Y_3710	ppm	1.131	0.0344	3.043	1.107	1.156
K_7698	769.896 { 4	Y_3710	ppm	0.8751	0.0142	1.625	0.865	0.8851
Li6707	670.784 { 5	Y_3710	ppm	0.001	0.0002	23.8	0.0012	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.5103	0.0151	2.95	0.521	0.4997
Mn2576	257.610 {1	Y_3600	ppm	0.0038	0	0.2702	0.0038	0.0038
Mn2576-2	257.610 {1	Y_3710	ppm	0.0044	0.0008	19.02	0.0049	0.0038
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	35.24	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	14.11	0.5098	3.614	13.75	14.47
Na8183	818.326 { 4	Y_3710	ppm	13.7	0.1883	1.374	13.57	13.84
Ni2316	231.604 {4	In2306	ppm	0.0001	0	11.08	0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	0.0236	0.0009	3.654	0.0242	0.023
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0005	516.2	-0.0003	0.0005
S_1820	182.034 {4	Y_2243	ppm	-62.74	0.3723	0.5935	-63	-62.48
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0014	114.5	0.0022	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0012	244.1	-0.0003	0.0013
Si2516	251.611 {1	Y_3710	ppm	0.2557	0.0003	0.1184	0.2559	0.2555
Sn1899	189.989 {4	In2306	ppm	-0.0004	0	0.9977	-0.0004	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0196	0	0.133	0.0195	0.0196
Ti3349	334.904 {1	Y_3600	ppm	0	0	139.5	0.0001	0
Tl1908	190.856 {4	In2306	ppm	0.001	0.0007	69.06	0.0016	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0006	36.01	0.002	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0032	0.0001	3.526	0.0033	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.224	2.5498	4.4558	59.027	55.421
In2306	230.606 {4	Cts/S	9839.9	30.905	0.31407	9861.8	9818.1
Y_2243	224.306 {4	Cts/S	12698	51.222	0.40338	12734	12662
Y_3600	360.073 { 9	Cts/S	46772	80.867	0.1729	46829	46714
Y_3710	371.030 { 9	Cts/S	8348.8	36.023	0.43148	8374.2	8323.3

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SampleName=CCV 775456
Username=admin
Comment=

Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:51:07
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2437	0.0005	0.2193	0.2441	0.2433
Al3082	308.215 {1	In2306	ppm	2.675	0.0297	1.109	2.654	2.696
As1890	189.042 {4	Y_2243	ppm	0.467	0.0024	0.5155	0.4687	0.4653
B_2496	249.678 {1	Y_3710	ppm	0.4768	0.0109	2.283	0.4845	0.4691
Ba4554	455.403 { 7	Y_3710	ppm	0.484	0.0013	0.2613	0.4831	0.4849
Be3130	313.042 {1	Y_3710	ppm	0.4891	0.0013	0.2717	0.4882	0.49
Ca3158	315.887 {1	In2306	ppm	13.02	0.1047	0.8039	13.1	12.95
Ca3181	318.128 {1	In2306	ppm	13.19	0.098	0.7434	13.26	13.12
Cd2288	228.802 {4	Y_2243	ppm	0.4772	0.0005	0.1117	0.4768	0.4776
Co2286	228.616 {4	In2306	ppm	0.4889	0.0006	0.1173	0.4885	0.4893
Cr2677	267.716 {1	Y_3600	ppm	0.5	0.0022	0.4376	0.4985	0.5016
Cu3247	324.754 {1	Y_3600	ppm	0.4877	0.0026	0.5289	0.4896	0.4859
Fe2404	240.488 {1	In2306	ppm	2.473	0.0356	1.44	2.498	2.448
K_7664	766.490 { 4	Y_3710	ppm	13.44	0.1355	1.008	13.53	13.34
K_7698	769.896 { 4	Y_3710	ppm	13.57	0.0864	0.6362	13.63	13.51
Li6707	670.784 { 5	Y_3710	ppm	0.526	0.0024	0.4488	0.5277	0.5244
Mg2790	279.079 {1	Y_3710	ppm	4.761	0.0238	0.5008	4.778	4.744
Mn2576	257.610 {1	Y_3600	ppm	0.4868	0.0008	0.1601	0.4874	0.4863
Mn2576-2	257.610 {1	Y_3710	ppm	0.446	0.0017	0.3825	0.4448	0.4472
Mo2020	202.030 {4	Y_2243	ppm	0.4703	0.0015	0.3152	0.4714	0.4693
Na5895	589.592 { 5	Y_3710	ppm	13.21	0.0727	0.5505	13.26	13.15
Na8183	818.326 { 4	Y_3710	ppm	12.69	0.0014	0.0111	12.7	12.69
Ni2316	231.604 {4	In2306	ppm	0.4703	0.0004	0.0883	0.47	0.4706
P_1782	178.284 {4	In2306	ppm	-0.0007	0	1.925	-0.0007	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.4748	0.0003	0.0603	0.4746	0.475
S_1820	182.034 {4	Y_2243	ppm	-42.32	0.113	0.2671	-42.4	-42.24
Sb2068	206.833 {4	Y_2243	ppm	0.4629	0.0037	0.7976	0.4655	0.4603
Se1960	196.090 {4	Y_2243	ppm	0.4697	0	0.0021	0.4697	0.4697
Si2516	251.611 {1	Y_3710	ppm	0.7788	0.051	6.545	0.7428	0.8149
Sn1899	189.989 {4	In2306	ppm	0.5027	0.0004	0.0827	0.5024	0.503
Sr4215	421.552 { 8	Y_3710	ppm	0.2415	0.0007	0.2846	0.241	0.242
Ti3349	334.904 {1	Y_3600	ppm	0.5142	0.004	0.7866	0.517	0.5113
Tl1908	190.856 {4	In2306	ppm	0.498	0.0036	0.7245	0.5006	0.4955
V_2924	292.402 {1	Y_3600	ppm	0.5137	0.0023	0.4552	0.5153	0.512
Zn2062	206.200 {4	In2306	ppm	0.481	0.0022	0.4554	0.4795	0.4826

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.172	0.44202	0.81596	53.859	54.484
In2306	230.606 {4	Cts/S	9559.8	3.4171	0.03574	9562.2	9557.4
Y_2243	224.306 {4	Cts/S	12705	21.671	0.17057	12690	12720
Y_3600	360.073 { 9	Cts/S	46336	243.13	0.52471	46164	46508
Y_3710	371.030 { 9	Cts/S	8172.9	5.7292	0.0701	8168.9	8177

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SampleName=LLCCV
Username=admin

Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:53:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0004	9.134	0.0044	0.005
Al3082	308.215 {1	In2306	ppm	0.0745	0.0075	10.04	0.0797	0.0692
As1890	189.042 {4	Y_2243	ppm	0.0106	0.0001	1.089	0.0105	0.0107
B_2496	249.678 {1	Y_3710	ppm	0.0102	0.0048	46.75	0.0068	0.0136
Ba4554	455.403 { 7	Y_3710	ppm	0.0102	0.0001	0.8861	0.0103	0.0102
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.367	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0735	0.0074	10.1	0.0788	0.0683
Ca3181	318.128 {1	In2306	ppm	0.0874	0.0298	34.05	0.0664	0.1085
Cd2288	228.802 {4	Y_2243	ppm	0.0061	0.0019	30.67	0.0048	0.0074
Co2286	228.616 {4	In2306	ppm	0.0114	0.0021	18.45	0.0099	0.0129
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0	0.3947	0.0098	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0078	0.0003	3.785	0.008	0.0076
Fe2404	240.488 {1	In2306	ppm	0.0935	0.0081	8.654	0.0877	0.0992
K_7664	766.490 { 4	Y_3710	ppm	0.7334	0.0222	3.032	0.7491	0.7177
K_7698	769.896 { 4	Y_3710	ppm	0.4517	0.0057	1.26	0.4557	0.4477
Li6707	670.784 { 5	Y_3710	ppm	0.0104	0.0002	2.403	0.0106	0.0102
Mg2790	279.079 {1	Y_3710	ppm	0.0058	0.0688	1190	0.0545	-0.0429
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.2296	0.01	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0091	0.0007	7.388	0.0096	0.0086
Mo2020	202.030 {4	Y_2243	ppm	0.0122	0.0028	22.91	0.0102	0.0142
Na5895	589.592 { 5	Y_3710	ppm	0.7792	0.0261	3.356	0.7977	0.7607
Na8183	818.326 { 4	Y_3710	ppm	0.8809	0.0036	0.4087	0.8783	0.8834
Ni2316	231.604 {4	In2306	ppm	0.011	0.002	18.55	0.0095	0.0124
P_1782	178.284 {4	In2306	ppm	0.0093	0.0012	12.35	0.0085	0.0101
Pb2203	220.353 {4	In2306	ppm	0.0115	0.0024	21.09	0.0098	0.0132
S_1820	182.034 {4	Y_2243	ppm	-1.029	0.0484	4.708	-0.9944	-1.063
Sb2068	206.833 {4	Y_2243	ppm	0.0182	0.0018	9.976	0.0169	0.0194
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0009	9.1	0.009	0.0103
Si2516	251.611 {1	Y_3710	ppm	-0.0263	0.0149	56.85	-0.0157	-0.0369
Sn1899	189.989 {4	In2306	ppm	0.0117	0.0025	21.73	0.0099	0.0135
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	1.955	0.0047	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0105	0.0005	5.146	0.0101	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0165	0.0057	34.88	0.0124	0.0205
V_2924	292.402 {1	Y_3600	ppm	0.0104	0.001	10.02	0.0112	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0097	0.0018	18.58	0.0084	0.011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.631	0.35296	0.63446	55.88	55.381
In2306	230.606 {4	Cts/S	10113	6.134	0.06065	10118	10109
Y_2243	224.306 {4	Cts/S	12863	15.418	0.11987	12873	12852
Y_3600	360.073 { 9	Cts/S	45260	159.72	0.35288	45147	45373
Y_3710	371.030 { 9	Cts/S	8256	56.34	0.68242	8216.1	8295.8

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:56:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0007	0.0009	120.9	0.0014	0.0001
Al3082	308.215	{1	In2306	ppm	-0.0206	0.0006	2.93	-0.0201	-0.021
As1890	189.042	{4	Y_2243	ppm	-0.0001	0.0001	119.8	-0.0002	0
B_2496	249.678	{1	Y_3710	ppm	-0.0042	0.0085	203.8	-0.0101	0.0018
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0001	0	23.55	-0.0002	-0.0001
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0.0001	49.09	-0.0003	-0.0001
Ca3158	315.887	{1	In2306	ppm	-0.0232	0.0005	1.951	-0.0229	-0.0235
Ca3181	318.128	{1	In2306	ppm	0.0316	0.0095	29.95	0.0382	0.0249
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0.0002	151.3	0	0.0003
Co2286	228.616	{4	In2306	ppm	0.0006	0.0004	68.13	0.0003	0.0008
Cr2677	267.716	{1	Y_3600	ppm	-0.0005	0.0005	112.2	-0.0001	-0.0008
Cu3247	324.754	{1	Y_3600	ppm	-0.0013	0.0003	21.32	-0.0014	-0.0011
Fe2404	240.488	{1	In2306	ppm	-0.0393	0.0048	12.29	-0.0359	-0.0428
K_7664	766.490	{ 4	Y_3710	ppm	0.0827	0.0016	1.986	0.0838	0.0815
K_7698	769.896	{ 4	Y_3710	ppm	0.044	0.0045	10.34	0.0408	0.0472
Li6707	670.784	{ 5	Y_3710	ppm	0.0001	0.0001	65.94	0.0002	0.0001
Mg2790	279.079	{1	Y_3710	ppm	-0.0177	0.0217	122.7	-0.0023	-0.0331
Mn2576	257.610	{1	Y_3600	ppm	0.0001	0.0001	95.55	0.0002	0
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0002	0.0013	649.3	0.0007	-0.0011
Mo2020	202.030	{4	Y_2243	ppm	0.0006	0.0002	36.57	0.0005	0.0008
Na5895	589.592	{ 5	Y_3710	ppm	0.1134	0.0004	0.3172	0.1136	0.1131
Na8183	818.326	{ 4	Y_3710	ppm	0.2031	0.0612	30.12	0.1598	0.2463
Ni2316	231.604	{4	In2306	ppm	0.0003	0.0005	177.4	-0.0001	0.0006
P_1782	178.284	{4	In2306	ppm	-0.0002	0.0004	220.5	-0.0005	0.0001
Pb2203	220.353	{4	In2306	ppm	0.0005	0.0015	302.7	-0.0006	0.0016
S_1820	182.034	{4	Y_2243	ppm	-1.616	0.0228	1.41	-1.632	-1.6
Sb2068	206.833	{4	Y_2243	ppm	0.0046	0.0005	10.5	0.0043	0.005
Se1960	196.090	{4	Y_2243	ppm	-0.0004	0.0007	181.1	0.0001	-0.0009
Si2516	251.611	{1	Y_3710	ppm	-0.0087	0.0083	95.57	-0.0145	-0.0028
Sn1899	189.989	{4	In2306	ppm	0.0005	0.0008	171.6	-0.0001	0.0011
Sr4215	421.552	{ 8	Y_3710	ppm	0	0	5.811	0	0
Ti3349	334.904	{1	Y_3600	ppm	-0.0005	0.0003	68.25	-0.0007	-0.0002
Tl1908	190.856	{4	In2306	ppm	0.002	0.0019	96.3	0.0006	0.0033
V_2924	292.402	{1	Y_3600	ppm	-0.0006	0.0002	32.99	-0.0004	-0.0007
Zn2062	206.200	{4	In2306	ppm	0.0001	0.0003	216.4	-0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.7	0.48462	0.90245	54.042	53.357
In2306	230.606	{4	Cts/S	10083	1.511	0.01499	10082	10084
Y_2243	224.306	{4	Cts/S	12847	2.511	0.01954	12846	12849
Y_3600	360.073	{ 9	Cts/S	44629	91.329	0.20464	44693	44564
Y_3710	371.030	{ 9	Cts/S	8063.6	24.952	0.30944	8046	8081.3

[Sample Header]

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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0004	0.0002	61.28	-0.0005	-0.0002
Al3082	308.215	{1	In2306	ppm	567	7.791	1.374	572.5	561.5
As1890	189.042	{4	Y_2243	ppm	0.002	0.0032	157	0.0043	-0.0002
B_2496	249.678	{1	Y_3710	ppm	-0.0066	0.017	257.8	-0.0186	0.0054
Ba4554	455.403	{ 7	Y_3710	ppm	0.0005	0.0002	42.56	0.0007	0.0004
Be3130	313.042	{1	Y_3710	ppm	-0.0003	0	4.157	-0.0003	-0.0003
Ca3158	315.887	{1	In2306	ppm	538.7	1.807	0.3354	540	537.5
Ca3181	318.128	{1	In2306	ppm	546.9	0.4474	0.0818	547.2	546.6
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0.0001	185.5	-0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0006	0.0001	26.72	0.0005	0.0007
Cr2677	267.716	{1	Y_3600	ppm	0.0016	0.0003	21.17	0.0014	0.0019
Cu3247	324.754	{1	Y_3600	ppm	0.0017	0.0003	19.16	0.002	0.0015
Fe2404	240.488	{1	In2306	ppm	204	1.438	0.7049	205.1	203
K_7664	766.490	{ 4	Y_3710	ppm	-0.0002	0.0157	7573	0.0109	-0.0113
K_7698	769.896	{ 4	Y_3710	ppm	-0.3156	0.0043	1.37	-0.3125	-0.3186
Li6707	670.784	{ 5	Y_3710	ppm	0.0081	0.0004	4.543	0.0083	0.0078
Mg2790	279.079	{1	Y_3710	ppm	576.9	0.8761	0.1519	576.3	577.5
Mn2576	257.610	{1	Y_3600	ppm	-0.0053	0	0.1789	-0.0053	-0.0053
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0055	0.0007	12.11	-0.006	-0.0051
Mo2020	202.030	{4	Y_2243	ppm	-0.0011	0.0001	12.91	-0.0012	-0.001
Na5895	589.592	{ 5	Y_3710	ppm	0.0807	0.0013	1.558	0.0816	0.0798
Na8183	818.326	{ 4	Y_3710	ppm	0.9824	0.0662	6.735	1.029	0.9357
Ni2316	231.604	{4	In2306	ppm	0.0063	0.0002	3.418	0.0065	0.0062
P_1782	178.284	{4	In2306	ppm	0.0051	0	0.6594	0.0051	0.0052
Pb2203	220.353	{4	In2306	ppm	-0.0217	0.0008	3.704	-0.0223	-0.0211
S_1820	182.034	{4	Y_2243	ppm	7.026	0.1051	1.496	6.951	7.1
Sb2068	206.833	{4	Y_2243	ppm	-0.0033	0.0057	169.9	-0.0073	0.0007
Se1960	196.090	{4	Y_2243	ppm	-0.0029	0.0005	15.78	-0.0033	-0.0026
Si2516	251.611	{1	Y_3710	ppm	0.0204	0.0468	230.2	0.0535	-0.0128
Sn1899	189.989	{4	In2306	ppm	0.0021	0.0001	4.729	0.0022	0.0021
Sr4215	421.552	{ 8	Y_3710	ppm	0.0023	0.0002	6.476	0.0024	0.0022
Ti3349	334.904	{1	Y_3600	ppm	0.003	0	0.0015	0.003	0.003
Tl1908	190.856	{4	In2306	ppm	-0.0014	0.0031	219.9	-0.0036	0.0008
V_2924	292.402	{1	Y_3600	ppm	-0.0053	0.0004	7.633	-0.0055	-0.005
Zn2062	206.200	{4	In2306	ppm	0.0029	0.0001	3.854	0.0028	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.767	0.49864	0.98222	50.414	51.119
In2306	230.606	{4	Cts/S	7123.8	4.7625	0.06685	7120.4	7127.1
Y_2243	224.306	{4	Cts/S	10907	10.256	0.09403	10900	10915
Y_3600	360.073	{ 9	Cts/S	45267	83.894	0.18533	45207	45326
Y_3710	371.030	{ 9	Cts/S	6982.9	32.536	0.46594	6959.9	7005.9

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Run Time=1/25/2012 15:57:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.5532	0.0034	0.621	0.5508	0.5557
Al3082	308.215	{1	In2306	ppm	598.2	6.576	1.099	593.6	602.9
As1890	189.042	{4	Y_2243	ppm	0.9833	0.0043	0.4402	0.9802	0.9863
B_2496	249.678	{1	Y_3710	ppm	1.118	0.0098	0.8786	1.112	1.125
Ba4554	455.403	{ 7	Y_3710	ppm	1.107	0.0023	0.2093	1.109	1.106
Be3130	313.042	{1	Y_3710	ppm	0.5347	0.0027	0.4973	0.5365	0.5328
Ca3158	315.887	{1	In2306	ppm	555.2	7.134	1.285	550.2	560.2
Ca3181	318.128	{1	In2306	ppm	565.8	7.219	1.276	560.7	570.9
Cd2288	228.802	{4	Y_2243	ppm	0.5074	0.0016	0.3237	0.5063	0.5086
Co2286	228.616	{4	In2306	ppm	0.9902	0.0027	0.2713	0.9883	0.9921
Cr2677	267.716	{1	Y_3600	ppm	0.977	0.0033	0.336	0.9793	0.9747
Cu3247	324.754	{1	Y_3600	ppm	1.202	0.0023	0.1952	1.2	1.204
Fe2404	240.488	{1	In2306	ppm	216.4	2.512	1.161	214.7	218.2
K_7664	766.490	{ 4	Y_3710	ppm	11.97	0.0261	0.2178	11.96	11.99
K_7698	769.896	{ 4	Y_3710	ppm	12.15	0.0177	0.1454	12.13	12.16
Li6707	670.784	{ 5	Y_3710	ppm	1.178	0.0025	0.2143	1.176	1.18
Mg2790	279.079	{1	Y_3710	ppm	590.3	2.4	0.4066	592	588.6
Mn2576	257.610	{1	Y_3600	ppm	0.9655	0.0042	0.4326	0.9626	0.9685
Mn2576-2	257.610	{1	Y_3710	ppm	1.013	0.0006	0.0621	1.013	1.014
Mo2020	202.030	{4	Y_2243	ppm	0.8791	0.0008	0.0886	0.8786	0.8797
Na5895	589.592	{ 5	Y_3710	ppm	11.65	0.0265	0.2273	11.63	11.66
Na8183	818.326	{ 4	Y_3710	ppm	12.64	0.092	0.7275	12.58	12.71
Ni2316	231.604	{4	In2306	ppm	0.9601	0.0024	0.2512	0.9584	0.9618
P_1782	178.284	{4	In2306	ppm	1.138	0.0035	0.3085	1.136	1.141
Pb2203	220.353	{4	In2306	ppm	0.9176	0.0079	0.8625	0.912	0.9232
S_1820	182.034	{4	Y_2243	ppm	7.348	0.2606	3.546	7.164	7.533
Sb2068	206.833	{4	Y_2243	ppm	0.9465	0.0018	0.1923	0.9452	0.9478
Se1960	196.090	{4	Y_2243	ppm	0.9697	0.0091	0.9434	0.9633	0.9762
Si2516	251.611	{1	Y_3710	ppm	0.9618	0.0016	0.1677	0.9607	0.963
Sn1899	189.989	{4	In2306	ppm	0.9931	0.001	0.0977	0.9924	0.9938
Sr4215	421.552	{ 8	Y_3710	ppm	0.542	0.0007	0.1292	0.5425	0.5415
Ti3349	334.904	{1	Y_3600	ppm	1.03	0.0055	0.5309	1.033	1.026
Tl1908	190.856	{4	In2306	ppm	0.9104	0.0073	0.7998	0.9155	0.9052
V_2924	292.402	{1	Y_3600	ppm	1.013	0.0045	0.4408	1.016	1.009
Zn2062	206.200	{4	In2306	ppm	0.9971	0.0022	0.2196	0.9986	0.9955

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	49.347	0.70089	1.4203	49.843	48.852
In2306	230.606	{4	Cts/S	7067.2	39.699	0.56174	7095.3	7039.1
Y_2243	224.306	{4	Cts/S	10912	73.526	0.6738	10964	10860
Y_3600	360.073	{ 9	Cts/S	45357	79.614	0.17553	45414	45301
Y_3710	371.030	{ 9	Cts/S	6894.3	13.452	0.19512	6884.8	6903.8

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Custom ID2=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2385	0.0041	1.72	0.2414	0.2356
Al3082	308.215	{1	In2306	ppm	2.633	0.0132	0.5023	2.624	2.642
As1890	189.042	{4	Y_2243	ppm	0.4807	0.0014	0.289	0.4817	0.4797
B_2496	249.678	{1	Y_3710	ppm	0.4693	0.0029	0.6136	0.4672	0.4713
Ba4554	455.403	{ 7	Y_3710	ppm	0.4906	0.0012	0.242	0.4914	0.4897
Be3130	313.042	{1	Y_3710	ppm	0.4926	0.0023	0.4626	0.4942	0.4909
Ca3158	315.887	{1	In2306	ppm	12.74	0.0016	0.0124	12.74	12.74
Ca3181	318.128	{1	In2306	ppm	12.95	0.0472	0.3643	12.91	12.98
Cd2288	228.802	{4	Y_2243	ppm	0.4824	0.0013	0.2632	0.4833	0.4815
Co2286	228.616	{4	In2306	ppm	0.49	0.0012	0.2411	0.4909	0.4892
Cr2677	267.716	{1	Y_3600	ppm	0.4841	0.0106	2.184	0.4916	0.4767
Cu3247	324.754	{1	Y_3600	ppm	0.4798	0.009	1.881	0.4862	0.4734
Fe2404	240.488	{1	In2306	ppm	2.471	0.0402	1.626	2.5	2.443
K_7664	766.490	{ 4	Y_3710	ppm	13.47	0.0021	0.0159	13.47	13.46
K_7698	769.896	{ 4	Y_3710	ppm	13.58	0.0701	0.5164	13.63	13.53
Li6707	670.784	{ 5	Y_3710	ppm	0.5375	0.0021	0.3863	0.539	0.536
Mg2790	279.079	{1	Y_3710	ppm	4.827	0.0432	0.8957	4.796	4.858
Mn2576	257.610	{1	Y_3600	ppm	0.4771	0.01	2.086	0.4841	0.4701
Mn2576-2	257.610	{1	Y_3710	ppm	0.4515	0.0026	0.5772	0.4534	0.4497
Mo2020	202.030	{4	Y_2243	ppm	0.4851	0.0005	0.105	0.4848	0.4855
Na5895	589.592	{ 5	Y_3710	ppm	13.31	0.0381	0.2859	13.34	13.28
Na8183	818.326	{ 4	Y_3710	ppm	12.79	0.1184	0.9263	12.7	12.87
Ni2316	231.604	{4	In2306	ppm	0.477	0.0021	0.4446	0.4785	0.4755
P_1782	178.284	{4	In2306	ppm	0.0009	0.003	325.5	-0.0012	0.003
Pb2203	220.353	{4	In2306	ppm	0.4794	0.0047	0.9741	0.4827	0.4761
S_1820	182.034	{4	Y_2243	ppm	-42.17	0.4057	0.9621	-42.46	-41.88
Sb2068	206.833	{4	Y_2243	ppm	0.4939	0.0019	0.3901	0.4925	0.4953
Se1960	196.090	{4	Y_2243	ppm	0.4853	0.0022	0.4508	0.4838	0.4869
Si2516	251.611	{1	Y_3710	ppm	0.8072	0.004	0.4954	0.8101	0.8044
Sn1899	189.989	{4	In2306	ppm	0.4995	0.0006	0.1222	0.5	0.4991
Sr4215	421.552	{ 8	Y_3710	ppm	0.2471	0.0001	0.0338	0.247	0.2471
Ti3349	334.904	{1	Y_3600	ppm	0.4983	0.0092	1.841	0.5048	0.4918
Tl1908	190.856	{4	In2306	ppm	0.4938	0.0071	1.432	0.4988	0.4888
V_2924	292.402	{1	Y_3600	ppm	0.4946	0.0127	2.564	0.5036	0.4857
Zn2062	206.200	{4	In2306	ppm	0.4805	0.0022	0.4648	0.4821	0.4789

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	55.264	0.10406	0.1883	55.191	55.338
In2306	230.606	{4	Cts/S	9423.6	39.464	0.41878	9451.5	9395.7
Y_2243	224.306	{4	Cts/S	12395	53.683	0.43309	12433	12357
Y_3600	360.073	{ 9	Cts/S	47502	587.45	1.2367	47086	47917

Y_3710	371.030 { 9	Cts/S	8100.8	30.908	0.38155	8078.9	8122.6

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 16:01:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	24.17	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0418	0.0529	126.6	0.0044	0.0791
As1890	189.042 {4	Y_2243	ppm	0.0057	0.0088	154.7	-0.0005	0.0119
B_2496	249.678 {1	Y_3710	ppm	0.0042	0.0008	17.84	0.0047	0.0037
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	95.37	0.0004	0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0	47.83	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.022	0.0036	16.14	0.0195	0.0245
Ca3181	318.128 {1	In2306	ppm	0.0812	0.0337	41.5	0.105	0.0574
Cd2288	228.802 {4	Y_2243	ppm	0.0075	0.0102	136.3	0.0003	0.0148
Co2286	228.616 {4	In2306	ppm	0.0083	0.0112	135.6	0.0003	0.0162
Cr2677	267.716 {1	Y_3600	ppm	0	0.0002	522.8	0.0001	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0001	10.5	-0.0012	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0199	0.0215	107.9	-0.0047	-0.0351
K_7664	766.490 { 4	Y_3710	ppm	0.0125	0.0047	37.26	0.0158	0.0092
K_7698	769.896 { 4	Y_3710	ppm	0.0015	0.0184	1251	0.0145	-0.0115
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0003	124.9	0.0004	0
Mg2790	279.079 {1	Y_3710	ppm	0.0345	0.0617	178.9	0.0781	-0.0091
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	26.5	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0005	0.0007	143.1	-0.0009	0
Mo2020	202.030 {4	Y_2243	ppm	0.0112	0.0132	117.2	0.0019	0.0205
Na5895	589.592 { 5	Y_3710	ppm	0.0545	0.0024	4.485	0.0528	0.0563
Na8183	818.326 { 4	Y_3710	ppm	0.1654	0.0551	33.3	0.1265	0.2044
Ni2316	231.604 {4	In2306	ppm	0.0083	0.0108	130.6	0.0006	0.0159
P_1782	178.284 {4	In2306	ppm	0.0003	0.0012	414.1	-0.0005	0.0011
Pb2203	220.353 {4	In2306	ppm	0.0072	0.0107	149.3	-0.0004	0.0147
S_1820	182.034 {4	Y_2243	ppm	-1.123	0.6281	55.95	-0.6786	-1.567
Sb2068	206.833 {4	Y_2243	ppm	0.0185	0.0115	61.9	0.0104	0.0266
Se1960	196.090 {4	Y_2243	ppm	0.0056	0.0077	138.8	0.0001	0.011
Si2516	251.611 {1	Y_3710	ppm	-0.0019	0.001	53.27	-0.0026	-0.0012
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0126	125.4	0.0011	0.019
Sr4215	421.552 { 8	Y_3710	ppm	0	0	80.23	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0007	108	0.0011	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0122	0.016	131.6	0.0008	0.0235
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0011	195.3	-0.0013	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0073	0.0099	135.5	0.0003	0.0143

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.672	0.28854	0.51829	55.468	55.876
In2306	230.606 {4	Cts/S	10021	151.2	1.5087	10128	9914.5
Y_2243	224.306 {4	Cts/S	12647	117.25	0.92713	12730	12564

Y_3600	360.073 { 9	Cts/S	45399	59.197	0.13039	45441	45357
Y_3710	371.030 { 9	Cts/S	8031.4	13.607	0.16943	8021.8	8041.1

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 16:04:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0008	1094	0.0007	-0.0005
Al3082	308.215 {1	In2306	ppm	0.0836	0.0262	31.39	0.1022	0.0651
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0004	58.4	0.0004	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0025	0.003	116.9	0.0047	0.0004
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0002	625.6	0.0002	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	429.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0932	0.0091	9.76	0.0996	0.0867
Ca3181	318.128 {1	In2306	ppm	0.1755	0.0619	35.26	0.2192	0.1317
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0003	111.2	-0.0004	0
Co2286	228.616 {4	In2306	ppm	0.0004	0	10.9	0.0003	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0	0.0002	2426	0.0001	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	4.419	-0.0014	-0.0015
Fe2404	240.488 {1	In2306	ppm	0.034	0.0253	74.55	0.0161	0.0519
K_7664	766.490 { 4	Y_3710	ppm	0.003	0.0071	239.5	0.008	-0.0021
K_7698	769.896 { 4	Y_3710	ppm	-0.4908	0.0077	1.563	-0.4962	-0.4854
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	39.56	0.0007	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.1055	0.062	58.82	0.1493	0.0616
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	22.03	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0003	0.0016	528.3	0.0014	-0.0008
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	280.9	-0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.0435	0.0032	7.412	0.0457	0.0412
Na8183	818.326 { 4	Y_3710	ppm	0.1656	0.1174	70.87	0.2486	0.0826
Ni2316	231.604 {4	In2306	ppm	0	0.0001	161.2	-0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0002	23.24	-0.001	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.0008	0	0.1649	0.0008	0.0008
S_1820	182.034 {4	Y_2243	ppm	0.0096	0.0136	142.2	0.0192	-0.0001
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0002	61.87	0.0005	0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0007	0.0004	58.4	-0.0009	-0.0004
Si2516	251.611 {1	Y_3710	ppm	-0.0122	0.0196	160.7	0.0017	-0.0261
Sn1899	189.989 {4	In2306	ppm	-0.001	0.0002	23.4	-0.0011	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	16.94	-0.0002	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0005	162.8	0	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0026	0.0004	13.73	0.0028	0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0003	205.9	-0.0001	0.0003
Zn2062	206.200 {4	In2306	ppm	-0.0012	0.0001	6.958	-0.0013	-0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.883	1.2664	2.0801	61.778	59.987
In2306	230.606 {4	Cts/S	10465	10.761	0.10283	10457	10472

Y_2243	224.306 {4	Cts/S	12906	25.875	0.20048	12888	12924
Y_3600	360.073 { 9	Cts/S	47985	61.728	0.12864	48028	47941
Y_3710	371.030 { 9	Cts/S	8744.5	89.086	1.0188	8807.5	8681.5

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 16:07:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	37.2	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0265	0.0118	44.58	-0.0182	-0.0349
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0001	13.12	-0.0009	-0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0013	0.0007	49.38	0.0018	0.0009
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	67.4	0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	18.85	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	-0.0099	0.0301	305.1	-0.0311	0.0114
Ca3181	318.128 {1	In2306	ppm	0.0509	0.0833	163.6	-0.008	0.1098
Cd2288	228.802 {4	Y_2243	ppm	-0.0003	0	4.442	-0.0003	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	52.44	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0	1.185	-0.0004	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0004	41.01	-0.0008	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.026	0.0352	135.4	-0.0011	-0.0509
K_7664	766.490 { 4	Y_3710	ppm	0.0021	0.0079	383.9	0.0076	-0.0035
K_7698	769.896 { 4	Y_3710	ppm	-0.5252	0.0064	1.212	-0.5297	-0.5207
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0	0.9366	0.0002	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0495	0.0487	98.42	0.0839	0.015
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	483.3	0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0015	1451	0.0009	-0.0011
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0.0001	53.85	-0.0001	-0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0364	0.0004	1.177	0.0361	0.0367
Na8183	818.326 { 4	Y_3710	ppm	0.0413	0.0015	3.676	0.0424	0.0403
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	118	0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0001	17.69	-0.0007	-0.0006
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0002	132.5	-0.0003	0
S_1820	182.034 {4	Y_2243	ppm	0.0467	0.0476	101.8	0.0131	0.0804
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.0008	106.8	-0.0014	-0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0017	138.1	-0.0024	0
Si2516	251.611 {1	Y_3710	ppm	-0.0368	0.0286	77.8	-0.0165	-0.057
Sn1899	189.989 {4	In2306	ppm	-0.0011	0.0002	20.05	-0.0009	-0.0012
Sr4215	421.552 { 8	Y_3710	ppm	-0.0003	0.0002	73.52	-0.0001	-0.0004
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	201.9	0.0001	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0009	52.85	0.001	0.0022
V_2924	292.402 {1	Y_3600	ppm	0	0	63.53	-0.0001	0
Zn2062	206.200 {4	In2306	ppm	-0.0013	0.0001	11.39	-0.0014	-0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.715	0.31635	0.53878	58.939	58.492

In2306	230.606 {4	Cts/S	10312	3.8309	0.03715	10309	10315
Y_2243	224.306 {4	Cts/S	12737	24.842	0.19504	12719	12754
Y_3600	360.073 { 9	Cts/S	46933	259.53	0.55297	47117	46750
Y_3710	371.030 { 9	Cts/S	8447	77.826	0.92134	8502.1	8392

Method: 20076010 01/27/12 06:36:56 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A012712	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/27/12 06:47:47 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/27/12 06:44:25

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01078	.00273	-.00175	.00038	-.03053	.00275	.00225
SDev	.00005	.00198	.00066	.00135	.00003	.00120	.00268
%RSD	.46103	72.737	37.974	355.51	.10249	43.710	119.12
#1	.01082	.00132	-.00128	-.00057	-.03051	.00190	.00415
#2	.01075	.00413	-.00222	.00133	-.03055	.00360	.00036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00742	.00024	-.00062	.00516	.00318	.05902	.02931
SDev	.00000	.00028	.00000	.00024	.00262	.00081	.00037
%RSD	.01200	115.84	.41015	4.6585	82.225	1.3650	1.2646
#1	.00742	.00004	-.00062	.00499	.00503	.05845	.02905
#2	.00742	.00044	-.00062	.00533	.00133	.05959	.02958

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00007	.00022	-.00171	.44042	.04448	-.00016	-.00197
SDev	.00009	.00031	.00261	.00528	.00090	.00060	.00035
%RSD	141.42	141.42	152.38	1.1992	2.0291	381.27	17.883
#1	.00000	.00000	.00013	.43669	.04384	.00026	-.00172
#2	.00013	.00044	-.00355	.44416	.04512	-.00058	-.00222

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.17685	.00846	-.00166	.00130	-.00241	-.00007	.01782
SDev	.00223	.00060	.00046	.00122	.00033	.00003	.00004
%RSD	1.2599	7.0730	27.890	93.251	13.866	46.776	.23447
#1	.17528	.00804	-.00199	.00216	-.00265	-.00009	.01779
#2	.17843	.00888	-.00133	.00044	-.00218	-.00004	.01785

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00980	-.00335	-.00870	.00545

SDev	.00474	.00493	.00200	.00146
%RSD	48.356	147.01	22.991	26.840
#1	.00645	.00013	-.01011	.00442
#2	.01314	-.00684	-.00728	.00648

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22584	--	--	--	--	--	--
SDev	92.63099	--	--	--	--	--	--
%RSD	.4101529	--	--	--	--	--	--
#1	22650	--	--	--	--	--	--
#2	22519	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/27/12 06:48:02

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.2127	1.2416	1.2465	17.879	23.835	7.8355	13.730
SDev	.0023	.0012	.0003	.029	.016	.0122	.021
%RSD	.18625	.09285	.02351	.16072	.06779	.15528	.14961
#1	1.2143	1.2424	1.2463	17.899	23.847	7.8441	13.745
#2	1.2111	1.2408	1.2467	17.859	23.824	7.8269	13.716

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	3.0647	2.5450	1.5143	1.8068	5.2898	25.483	1.3465
SDev	.0038	.0029	.0022	.0048	.0068	.060	.0009
%RSD	.12366	.11230	.14229	.26660	.12865	.23611	.07044
#1	3.0673	2.5470	1.5158	1.8102	5.2947	25.525	1.3472
#2	3.0620	2.5430	1.5127	1.8034	5.2850	25.440	1.3458

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.2119	2.0405	7.0712	3.3251	1.0577	.98500	.17150
SDev	.0030	.0017	.0066	.0106	.0106	.00161	.00039
%RSD	.13354	.08549	.09355	.31948	1.0036	.16373	.22804
#1	2.2140	2.0393	7.0665	3.3326	1.0652	.98614	.17178
#2	2.2098	2.0418	7.0758	3.3175	1.0502	.98386	.17123

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.975	55.807	.38941	2.9779	14.079	.66893	3.8039
SDev	.051	.125	.00108	.0090	.024	.00105	.0049
%RSD	.24404	.22486	.27623	.30355	.16797	.15702	.12896
#1	21.011	55.896	.38865	2.9843	14.096	.66967	3.8074
#2	20.939	55.718	.39017	2.9715	14.062	.66819	3.8005

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.4308	8.6989	1.3764	1.1918
SDev	.0014	.0052	.0057	.0023
%RSD	.03075	.05983	.41213	.18918
#1	4.4317	8.7026	1.3804	1.1902
#2	4.4298	8.6952	1.3724	1.1934

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22326	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.2280377	--	--	--	--	--	--
#1	22290	--	--	--	--	--	--
#2	22362	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	16.6399	-.179405	01/27/12 06:48:02
Sb2068	206.838	STD	S0	1.61971	-.004417	01/27/12 06:48:02
As1890	189.042	STD	S0	1.58674	.002777	01/27/12 06:48:02
Ba4934	493.409	STD	S0	.111865	-.000042	01/27/12 06:48:02
Be3130	313.042	STD	S0	.041928	.001280	01/27/12 06:48:02
B_2496	249.678	STD	S0	.255337	-.000702	01/27/12 06:48:02
Cd2265	226.502	STD	S0	.072988	-.000164	01/27/12 06:48:02
Ca3179	317.933	STD	S0	6.54184	-.048518	01/27/12 06:48:02
Cr2677	267.716	STD	S0	.785931	-.000192	01/27/12 06:48:02
Co2286	228.616	STD	S0	1.32023	.000818	01/27/12 06:48:02
Cu3247	324.753	STD	S0	1.10952	-.005724	01/27/12 06:48:02
Fe2714	271.441	STD	S0	3.62648	-.011542	01/27/12 06:48:02
Li6707	670.784	STD	S0	.078667	-.004643	01/27/12 06:48:02
Pb2203	220.353		NONE	.000000	.000000	*01/27/12 06:48:02
Se1960	196.026		NONE	.000000	.000000	*01/27/12 06:48:02
Mg2790	279.078	STD	S0	15.1841	-.445090	01/27/12 06:48:02
Mn2576	257.610	STD	S0	.904414	-.000060	01/27/12 06:48:02
Mo2020	202.030	STD	S0	.980242	-.000218	01/27/12 06:48:02
Ni2316	231.604	STD	S0	.282770	.000484	01/27/12 06:48:02
K_7664	766.491	STD	S0	6.93329	-3.05358	01/27/12 06:48:02
Si2881	288.158	STD	S0	1.95577	-.086991	01/27/12 06:48:02
Ag3280	328.068	STD	S0	1.01535	.000159	01/27/12 06:48:02
Na3302	330.232	STD	S0	115.290	.227248	01/27/12 06:48:02
Na5889	588.995	STD	S0	.961619	-.170064	01/27/12 06:48:02
Sr4215	421.552	STD	S0	.017930	-.000152	01/27/12 06:48:02
Tl1908	190.864	STD	S0	5.13065	.008514	01/27/12 06:48:02
Sn1899	189.989	STD	S0	.671907	-.000876	01/27/12 06:48:02
Ti3349	334.941	STD	S0	.142033	.000343	01/27/12 06:48:02
V_2924	292.402	STD	S0	2.96091	.000196	01/27/12 06:48:02
Zn2138	213.856	STD	S0	.528894	-.009426	01/27/12 06:48:02
2203/1	220.351	STD	S0	.455031	-.004457	01/27/12 06:48:02
2203/2	220.352	STD	S0	.228964	.000768	01/27/12 06:48:02
1960/1	196.021	STD	S0	1.44577	.012573	01/27/12 06:48:02
1960/2	196.022	STD	S0	1.68231	-.009167	01/27/12 06:48:02

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	.000000	-.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/27/12 06:51:27 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/27/12 06:51:27 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/27/12 06:56:01 AM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/27/12 06:52:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.981	1.9982	1.9897	2.0006	.99991	1.9930	.99192

SDev	.033	.0084	.0146	.0041	.00459	.0064	.00653
%RSD	.16490	.42192	.73253	.20450	.45885	.32133	.65777
#1	20.005	2.0042	2.0001	2.0034	1.0032	1.9976	.99653
#2	19.958	1.9922	1.9794	1.9977	.99666	1.9885	.98730

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.855	1.9903	1.9921	2.0003	19.858	2.0027	1.9907
SDev	.111	.0100	.0092	.0039	.100	.0030	.0094
%RSD	.56121	.50315	.46056	.19695	.50301	.15188	.47352
#1	19.933	1.9974	1.9986	2.0031	19.929	2.0048	1.9974
#2	19.776	1.9832	1.9856	1.9975	19.787	2.0005	1.9841

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9938	19.885	1.9900	1.9915	1.9816	20.001	1.9607
SDev	.0119	.080	.0099	.0054	.0127	.054	.0127
%RSD	.59490	.40340	.49723	.27112	.64149	.27075	.64660
#1	2.0022	19.942	1.9970	1.9953	1.9906	20.039	1.9697
#2	1.9855	19.829	1.9830	1.9877	1.9726	19.963	1.9518

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99644	19.881	20.030	.99599	1.9795	1.9900	1.9935
SDev	.00521	.057	.017	.00198	.0005	.0095	.0060
%RSD	.52240	.28568	.08369	.19839	.02431	.47680	.29969
#1	1.0001	19.841	20.042	.99739	1.9792	1.9967	1.9977
#2	.99276	19.921	20.019	.99460	1.9798	1.9833	1.9892

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9928	1.9874	1.9892	1.9915	1.9927	1.9944
SDev	.0092	.0116	.0109	.0087	.0184	.0086
%RSD	.46154	.58295	.54565	.43750	.92400	.43049
#1	1.9993	1.9956	1.9969	1.9977	2.0057	2.0005
#2	1.9862	1.9792	1.9815	1.9853	1.9797	1.9883

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22502	--	--	--	--	--	--
SDev	183.8478	--	--	--	--	--	--
%RSD	.8170285	--	--	--	--	--	--

#1	22372	--	--	--	--	--	--
#2	22632	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 06:56:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4977	.50272	.50218	.50090	.51466	.50165	.50594
SDev	.0054	.00136	.00348	.00025	.00005	.00049	.00068
%RSD	.21544	.26996	.69281	.04928	.01029	.09721	.13378
#1	2.5015	.50176	.50464	.50107	.51462	.50199	.50642
#2	2.4939	.50368	.49972	.50072	.51470	.50130	.50546

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.652	.50399	.50833	.50795	2.5153	.47164	.50350
SDev	.009	.00008	.00014	.00041	.0039	.00003	.00001
%RSD	.07437	.01558	.02782	.08005	.15385	.00543	.00243
#1	12.659	.50393	.50843	.50766	2.5126	.47162	.50349
#2	12.646	.50404	.50823	.50824	2.5181	.47165	.50351

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51557	5.0449	.49864	.51547	.50202	11.921	.94512
SDev	.00283	.0062	.00022	.00454	.00044	.011	.00222
%RSD	.54832	.12347	.04468	.88134	.08724	.09620	.23516
#1	.51357	5.0493	.49879	.51868	.50171	11.929	.94669
#2	.51757	5.0405	.49848	.51225	.50233	11.913	.94355

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25120	12.581	11.866	.24976	.51032	.52043	.50859
SDev	.00018	.111	.004	.00009	.00760	.00156	.00005
%RSD	.07226	.88028	.03052	.03560	1.4900	.29963	.00969
#1	.25107	12.503	11.868	.24983	.51570	.52154	.50863
#2	.25133	12.659	11.863	.24970	.50494	.51933	.50856

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50904	.51143	.50417	.50316	.51575	.51554
SDev	.00037	.00101	.00032	.00018	.00050	.00449
%RSD	.07212	.19812	.06404	.03573	.09657	.87082
#1	.50930	.51215	.50440	.50304	.51610	.51236
#2	.50878	.51071	.50394	.50329	.51539	.51871

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22846	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0278565	--	--	--	--	--	--
#1	22841	--	--	--	--	--	--
#2	22850	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/27/12 06:59:58

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00258	.00076	.00275	.00035	.00032	.00272	.00016
SDev	.00150	.00104	.00005	.00007	.00000	.00014	.00009
%RSD	58.440	136.01	1.6681	21.548	.42223	5.1245	57.651
#1	-.00364	.00150	.00278	.00029	.00032	.00262	.00023
#2	-.00151	.00003	.00272	.00040	.00032	.00282	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00906	.00031	-.00003	.00068	-.01095	.00015	.00097
SDev	.00079	.00033	.00024	.00010	.01977	.00001	.00078
%RSD	8.7270	106.27	754.18	14.893	180.61	6.1873	80.311
#1	.00850	.00008	-.00020	.00061	-.02493	.00014	.00042
#2	.00962	.00055	.00014	.00075	.00303	.00016	.00153

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00153	-.00958	.00037	.00344	-.00003	-.08632	-.00079
SDev	.00548	.00095	.00000	.00131	.00048	.00087	.00042
%RSD	357.96	9.8981	.00215	38.028	1821.5	1.0107	53.002
#1	.00541	-.00891	.00037	.00437	-.00037	-.08694	-.00049
#2	-.00235	-.01025	.00037	.00252	.00031	-.08570	-.00108

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.02769	.00151	.00013	.00080	-.00052	.00038
SDev	.00062	.09452	.00031	.00000	.00312	.00088	.00002
%RSD	192.04	341.37	20.547	.02755	387.52	170.22	5.6406
#1	-.00076	-.09453	.00129	.00013	.00301	.00010	.00040
#2	.00011	.03915	.00173	.00013	-.00140	-.00114	.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	-.00173	-.00097	.00195	.00221	.00120
SDev	.00010	.00000	.00148	.00044	.00615	.00515
%RSD	15.194	.16533	152.52	22.431	278.54	431.25
#1	.00075	-.00172	-.00201	.00164	.00655	.00484

#2	.00060	-.00173	.00008	.00225	-.00214	-.00245

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23290	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0060722	--	--	--	--	--	--
#1	23289	--	--	--	--	--	--
#2	23291	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/27/12 07:03:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09486	.00948	.01378	.01049	.00538	.01077	.00525
SDev	.00207	.00137	.00044	.00003	.00000	.00046	.00009
%RSD	2.1792	14.501	3.1746	.29269	.01235	4.2247	1.7473
#1	.09633	.00851	.01347	.01047	.00538	.01109	.00519
#2	.09340	.01045	.01409	.01051	.00538	.01045	.00532

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11195	.01081	.01023	.01071	.09720	.00890	.01082
SDev	.00117	.00023	.00004	.00014	.00335	.00003	.00090
%RSD	1.0437	2.1583	.35461	1.2967	3.4507	.37194	8.3573
#1	.11113	.01097	.01025	.01061	.09483	.00893	.01018
#2	.11278	.01064	.01020	.01081	.09957	.00888	.01146

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00762	.07925	.01058	.01110	.01000	.39308	.00864
SDev	.00056	.00248	.00004	.00010	.00049	.01897	.00085
%RSD	7.3342	3.1319	.38727	.92905	4.9552	4.8253	9.7806
#1	.00802	.08100	.01060	.01117	.00965	.40650	.00924
#2	.00723	.07749	.01055	.01103	.01035	.37967	.00804

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00484	.50681	.52725	.00501	.00716	.00959	.01057
SDev	.00014	.01642	.00094	.00000	.00187	.00020	.00015
%RSD	2.8087	3.2395	.17765	.02862	26.186	2.1304	1.3809
#1	.00475	.49520	.52791	.00501	.00583	.00945	.01047
#2	.00494	.51842	.52659	.00501	.00848	.00974	.01067

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01053	.00762	.00904	.01171	.00859	.00713

SDev	.00023	.00031	.00197	.00037	.00288	.00060
%RSD	2.1758	4.0267	21.740	3.1943	33.522	8.4376
#1	.01037	.00784	.00765	.01145	.01063	.00671
#2	.01070	.00741	.01043	.01198	.00656	.00756

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23298	--	--	--	--	--	--
SDev	89.80256	--	--	--	--	--	--
%RSD	.3854601	--	--	--	--	--	--
#1	23234	--	--	--	--	--	--

#2	23361	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/27/12 07:07:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	518.25	-.00014	.00059	.00172	.00008	-.00253	.00143
SDev	.86	.00319	.00322	.00007	.00000	.00045	.00023
%RSD	.16666	2285.8	547.01	4.2860	1.0248	17.598	16.199
#1	517.64	-.00240	-.00169	.00167	.00008	-.00221	.00160
#2	518.86	.00212	.00287	.00177	.00009	-.00284	.00127

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	465.60	.00144	.00001	.01393	195.37	.00440	.00651
SDev	.73	.00032	.00000	.00010	.14	.00003	.00287
%RSD	.15650	22.045	13.184	.69571	.07288	.72882	44.146
#1	465.08	.00121	.00001	.01386	195.27	.00443	.00854
#2	466.11	.00166	.00001	.01400	195.47	.00438	.00448

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01112	523.26	-.00768	.00017	.00052	-.01447	.01295
SDev	.00296	1.15	.00001	.00036	.00058	.00344	.00121
%RSD	26.627	.22044	.15705	205.48	111.60	23.797	9.3545
#1	-.01321	522.45	-.00769	.00043	.00094	-.01691	.01209
#2	-.00902	524.08	-.00767	-.00008	.00011	-.01204	.01380

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	.07240	.16729	-.00930	-.02159	-.00001	-.00280
SDev	.00047	.14230	.00142	.00001	.00739	.00087	.00011
%RSD	128.78	196.53	.85094	.08756	34.234	13201.	4.0296
#1	-.00003	.17302	.16830	-.00929	-.01637	.00061	-.00288
#2	-.00070	-.02821	.16628	-.00930	-.02682	-.00062	-.00272

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00327	.00206	-.08703	.05328	.00339	-.01837
SDev	.00020	.00020	.00429	.00217	.00061	.00414
%RSD	5.9873	9.7087	4.9281	4.0652	17.985	22.510
#1	.00340	.00192	-.08400	.05481	.00296	-.02130
#2	.00313	.00220	-.09007	.05175	.00382	-.01545

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	21236	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1664877	--	--	--	--	--	--

#1	21261	--	--	--	--	--	--
#2	21211	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/27/12 07:11:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	529.08	1.0453	1.0412	1.0371	.50188	1.0526	.48324
SDev	.43	.0079	.0024	.0010	.00060	.0019	.00035
%RSD	.08041	.75763	.23483	.09861	.12010	.18166	.07290
#1	528.78	1.0397	1.0430	1.0363	.50146	1.0513	.48299
#2	529.39	1.0509	1.0395	1.0378	.50231	1.0540	.48349

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	474.18	.98337	.95488	1.1032	204.95	1.2307	.99052
SDev	.06	.00005	.00116	.0014	.03	.0014	.00040
%RSD	.01276	.00525	.12167	.12759	.01693	.11271	.03987
#1	474.22	.98333	.95406	1.1022	204.98	1.2297	.99024
#2	474.14	.98341	.95570	1.1042	204.93	1.2316	.99080

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0191	534.56	.97187	1.0024	.94558	14.323	.97691
SDev	.0057	.19	.00017	.0069	.00304	.032	.00048
%RSD	.55758	.03586	.01706	.68558	.32198	.22218	.04917
#1	1.0151	534.43	.97175	.99757	.94773	14.301	.97657
#2	1.0231	534.70	.97199	1.0073	.94342	14.346	.97725

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54216	12.462	13.930	.50034	.95394	1.0183	1.0072
SDev	.00063	.118	.014	.00025	.00206	.0091	.0014

%RSD	.11558	.94526	.10097	.04935	.21556	.89328	.14390
#1	.54260	12.546	13.920	.50016	.95248	1.0119	1.0062
#2	.54171	12.379	13.940	.50051	.95539	1.0247	1.0082

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0033	1.0200	.89724	1.0372	1.0308	1.0133
SDev	.0005	.0009	.00122	.0012	.0057	.0057
%RSD	.04616	.09091	.13575	.11583	.54956	.56166
#1	1.0036	1.0206	.89810	1.0363	1.0268	1.0092
#2	1.0029	1.0193	.89638	1.0380	1.0348	1.0173

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	21244	--	--	--	--	--	--

SDev	11.31371	--	--	--	--	--	--
%RSD	.0532560	--	--	--	--	--	--
#1	21236	--	--	--	--	--	--
#2	21252	--	--	--	--	--	--

Analysis Report Blank Sample 01/27/12 07:20:41 AM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 07:16:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6413	.50293	.50454	.50232	.51796	.50258	.50524
SDev	.0041	.00220	.00242	.00104	.00008	.00091	.00012
%RSD	.15348	.43819	.47951	.20667	.01571	.18026	.02353
#1	2.6442	.50449	.50283	.50305	.51802	.50322	.50532
#2	2.6384	.50138	.50625	.50159	.51791	.50194	.50516

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.782	.50716	.51186	.51278	2.5565	.47464	.50518
SDev	.004	.00061	.00047	.00077	.0044	.00060	.00063
%RSD	.02996	.11944	.09232	.15046	.17404	.12757	.12422
#1	12.779	.50673	.51152	.51333	2.5533	.47507	.50563
#2	12.785	.50759	.51219	.51223	2.5596	.47421	.50474

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51692	5.1988	.50017	.51111	.50740	11.981	.94429
SDev	.00137	.0006	.00042	.00195	.00195	.034	.00059
%RSD	.26507	.01128	.08406	.38146	.38365	.28222	.06273
#1	.51789	5.1993	.50047	.50973	.50602	12.005	.94471
#2	.51595	5.1984	.49988	.51249	.50877	11.957	.94387

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25251	12.573	11.956	.24978	.50181	.52269	.51156
SDev	.00022	.028	.027	.00056	.00455	.00071	.00041
%RSD	.08833	.22281	.22380	.22271	.90567	.13595	.07941
#1	.25235	12.553	11.975	.25018	.49859	.52319	.51185
#2	.25266	12.592	11.937	.24939	.50502	.52218	.51127

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51148	.50805	.50427	.50564	.52321	.51384
SDev	.00026	.00035	.00024	.00082	.00603	.00096
%RSD	.04999	.06899	.04771	.16237	1.1517	.18637
#1	.51166	.50830	.50444	.50622	.52747	.51316
#2	.51130	.50780	.50410	.50506	.51895	.51451

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	22880	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.2348781	--	--	--	--	--	--

#1	22842	--	--	--	--	--	--
#2	22918	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/27/12 07:20:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04224	.00124	.00178	.00046	.00051	.00157	.00016
SDev	.00168	.00008	.00259	.00002	.00002	.00041	.00004
%RSD	3.9721	6.6026	145.62	4.0888	3.3616	26.067	27.086
#1	.04106	.00130	-.00005	.00045	.00050	.00128	.00013
#2	.04343	.00118	.00361	.00047	.00053	.00186	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06291	.00027	-.00010	.00104	.01001	.00002	.00096
SDev	.00558	.00017	.00008	.00008	.00073	.00007	.00068
%RSD	8.8685	62.128	80.816	8.0031	7.2889	288.53	70.837
#1	.05897	.00039	-.00004	.00109	.00949	-.00003	.00048
#2	.06686	.00015	-.00016	.00098	.01052	.00007	.00144

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	.02375	.00043	.00214	-.00037	-.15187	-.00064
SDev	.00146	.00419	.00003	.00114	.00082	.00937	.00023
%RSD	237.89	17.636	6.7652	53.550	222.67	6.1694	36.419
#1	-.00042	.02079	.00041	.00294	.00021	-.15849	-.00047
#2	.00165	.02671	.00045	.00133	-.00095	-.14524	-.00080

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	-.10502	-.00008	.00018	.00045	.00056	.00053
SDev	.00031	.02751	.00118	.00002	.00129	.00063	.00014
%RSD	110.32	26.192	1468.4	9.8360	289.58	111.35	25.776
#1	-.00006	-.12448	-.00092	.00017	.00136	.00012	.00062
#2	-.00051	-.08557	.00076	.00020	-.00047	.00101	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	-.00395	-.00026	.00156	-.00261	.00222
SDev	.00028	.00021	.00053	.00075	.00223	.00107
%RSD	52.671	5.3623	208.12	48.050	85.554	48.211
#1	.00074	-.00410	-.00063	.00103	-.00419	.00147
#2	.00034	-.00380	.00012	.00209	-.00103	.00298

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/27/12 07:24:33 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22898	--	--	--	--	--	--
SDev	67.17515	--	--	--	--	--	--
%RSD	.2933733	--	--	--	--	--	--
#1	22945	--	--	--	--	--	--
#2	22850	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70979/1-a Operator: SRP
Run Time: 01/27/12 07:24:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00249	-.00131	.00285	.00039	.00030	.00117	-.00012
SDev	.01241	.00020	.00088	.00014	.00010	.00020	.00018
%RSD	499.23	15.335	30.887	35.285	33.063	16.858	153.31
#1	-.01126	-.00117	.00223	.00029	.00023	.00103	-.00025
#2	.00629	-.00145	.00347	.00049	.00036	.00131	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00764	.00010	.00001	.00264	-.00214	-.00008	.00048
SDev	.01374	.00007	.00016	.00007	.01049	.00008	.00097
%RSD	179.80	73.048	1241.3	2.7962	489.03	89.490	200.40
#1	-.00207	.00015	-.00010	.00259	-.00956	-.00014	-.00020
#2	.01736	.00005	.00013	.00269	.00527	-.00003	.00117

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00092	-.00080	.00037	.00047	-.00079	-.07507	.00189
SDev	.00008	.01289	.00011	.00042	.00047	.00003	.00029
%RSD	9.1081	1609.5	29.862	90.846	59.807	.04612	15.431
#1	-.00086	-.00992	.00029	.00017	-.00112	-.07510	.00169
#2	-.00098	.00831	.00045	.00077	-.00045	-.07505	.00210

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	-.05156	.00295	-.00002	.00080	-.00041	.00026
SDev	.00003	.01049	.00164	.00005	.00015	.00236	.00000
%RSD	6.3995	20.352	55.696	228.84	19.097	578.07	1.7079
#1	-.00050	-.05898	.00179	-.00006	.00069	.00126	.00026
#2	-.00046	-.04414	.00411	.00001	.00091	-.00208	.00026

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00025	-.00180	.00163	.00142	-.00209
SDev	.00000	.00009	.00045	.00168	.00286	.00130
%RSD	.91652	36.836	25.247	103.52	201.06	62.222
#1	.00046	.00032	-.00148	.00044	.00344	-.00302

#2	.00046	.00019	-.00212	.00282	-.00060	-.00117

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22950	--	--	--	--	--	--
SDev	13.43503	--	--	--	--	--	--
%RSD	.0585417	--	--	--	--	--	--
#1	22959	--	--	--	--	--	--
#2	22940	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70979/2-a Operator: SRP
Run Time: 01/27/12 07:28:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.036	.99308	1.0158	1.0028	.52226	1.0076	.50800
SDev	.042	.00369	.0048	.0053	.00236	.0062	.00213
%RSD	.41357	.37134	.47521	.52908	.45279	.61322	.41859
#1	10.065	.99568	1.0192	1.0066	.52393	1.0119	.50951
#2	10.007	.99047	1.0124	.99908	.52059	1.0032	.50650

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.243	1.0210	1.0340	1.0234	10.177	.46679	1.0149
SDev	.043	.0043	.0048	.0066	.042	.00266	.0030
%RSD	.41804	.42155	.46806	.64023	.41259	.57012	.29673
#1	10.273	1.0240	1.0374	1.0280	10.206	.46868	1.0170
#2	10.212	1.0179	1.0305	1.0188	10.147	.46491	1.0128

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0319	10.198	1.0068	1.0255	1.0276	9.5780	.93430
SDev	.0037	.051	.0049	.0027	.0088	.0623	.00466
%RSD	.35735	.49815	.48897	.26591	.85694	.65055	.49927
#1	1.0345	10.234	1.0103	1.0274	1.0338	9.6220	.93760
#2	1.0293	10.162	1.0034	1.0236	1.0214	9.5339	.93100

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50939	9.6690	9.5267	.49741	1.0012	1.0323	1.0167
SDev	.00228	.0440	.0492	.00254	.0105	.0014	.0052
%RSD	.44764	.45527	.51612	.51148	1.0456	.14011	.50902
#1	.51101	9.7001	9.5614	.49921	1.0086	1.0333	1.0203
#2	.50778	9.6379	9.4919	.49561	.99383	1.0313	1.0130

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0253	1.0172	1.0160	1.0143	1.0405	1.0276

SDev	.0059	.0057	.0051	.0019	.0016	.0047
%RSD	.57523	.56197	.50529	.19228	.15503	.45979
#1	1.0294	1.0212	1.0196	1.0157	1.0416	1.0309
#2	1.0211	1.0132	1.0124	1.0130	1.0393	1.0242

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23005	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.1659803	--	--	--	--	--	--
#1	22978	--	--	--	--	--	--
#2	23032	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-70916/1-b Operator: SRP
Run Time: 01/27/12 07:32:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00753	.00306	.00594	.01927	.00027	.00661	-.00004
SDev	.00135	.00136	.00084	.00003	.00000	.00040	.00001
%RSD	17.921	44.549	14.167	.13219	.69128	6.0142	24.912
#1	-.00848	.00210	.00535	.01925	.00027	.00689	-.00004
#2	-.00657	.00403	.00654	.01928	.00027	.00633	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07045	.00029	-.00016	.00248	-.00179	-.00003	-.00042
SDev	.00204	.00019	.00041	.00029	.01886	.00002	.00044
%RSD	2.9000	67.429	248.75	11.717	1052.2	74.521	106.26
#1	.06901	.00015	-.00045	.00228	-.01513	-.00004	-.00010
#2	.07189	.00043	.00012	.00269	.01154	-.00001	-.00073

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00323	.00317	.00034	.00283	-.00076	-.02800	.01025
SDev	.00090	.00318	.00006	.00121	.00072	.00755	.00163
%RSD	27.719	100.52	16.882	42.719	95.322	26.962	15.946
#1	.00387	.00092	.00030	.00368	-.00127	-.03334	.00910
#2	.00260	.00542	.00038	.00197	-.00025	-.02266	.01141

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	167.96	136.30	.00041	.00088	.00029	.00020
SDev	.00035	.36	.27	.00004	.00033	.00023	.00005
%RSD	265.46	.21181	.20108	8.9953	37.896	79.385	24.455
#1	-.00037	168.21	136.50	.00039	.00111	.00045	.00016
#2	.00011	167.71	136.11	.00044	.00064	.00013	.00023

Analysis Report 01/27/12 07:36:06 AM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00219	-.00243	.00059	.00448	.00261
SDev	.00001	.00002	.00210	.00038	.00392	.00331
%RSD	2.2977	.87939	86.157	64.708	87.616	126.64
#1	.00049	.00218	-.00095	.00032	.00170	.00495
#2	.00047	.00221	-.00392	.00086	.00725	.00027

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22848	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1856898	--	--	--	--	--	--
#1	22878	--	--	--	--	--	--
#2	22818	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49304-a-1-d Operator: SRP
Run Time: 01/27/12 07:36:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01131	-.00056	.00142	.07710	.00028	.01178	-.00005
SDev	.00092	.00172	.00064	.00007	.00000	.00071	.00001
%RSD	8.1579	307.80	45.468	.09582	1.1628	6.0231	20.953
#1	-.01196	.00066	.00187	.07715	.00028	.01228	-.00006
#2	-.01066	-.00177	.00096	.07705	.00028	.01128	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.920	.00033	-.00011	.00230	-.00179	.00041	.00011
SDev	.161	.00015	.00008	.00034	.00169	.00001	.00013
%RSD	.20339	44.920	73.162	14.794	94.605	3.2443	127.01
#1	79.033	.00043	-.00017	.00206	-.00299	.00042	.00020
#2	78.806	.00022	-.00005	.00254	-.00059	.00040	.00001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	1.7633	.02540	.00216	-.00053	.24500	.93080
SDev	.00544	.0063	.00002	.00067	.00005	.00572	.00363
%RSD	727.40	.35455	.06841	31.206	10.177	2.3363	.38978
#1	.00310	1.7677	.02541	.00264	-.00056	.24905	.93337
#2	-.00459	1.7589	.02539	.00168	-.00049	.24095	.92824

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	174.62	142.59	.14112	-.00214	.00028	-.00035
SDev	.00000	.20	.30	.00016	.00159	.00017	.00005

%RSD	.10652	.11178	.21334	.11643	74.568	60.156	13.801

#1	-.00029	174.76	142.80	.14124	-.00101	.00040	-.00032
#2	-.00029	174.48	142.37	.14101	-.00326	.00016	-.00038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	.00124	-.00145	.00088	-.00028	-.00098
SDev	.00001	.00004	.00039	.00001	.00549	.00541
%RSD	.56876	3.2452	26.608	.87704	1994.7	550.00
#1	.00127	.00127	-.00118	.00089	.00361	.00284
#2	.00126	.00121	-.00172	.00088	-.00416	-.00481

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22669	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0686239	--	--	--	--	--	--
#1	22658	--	--	--	--	--	--
#2	22680	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49304-a-1-e ms Operator: SRP
Run Time: 01/27/12 07:40:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.522	1.0197	1.0379	1.0851	.52252	1.0414	.49664
SDev	.019	.0008	.0004	.0017	.00044	.0006	.00107
%RSD	.18163	.08023	.03461	.16111	.08415	.05751	.21546
#1	10.536	1.0202	1.0381	1.0864	.52283	1.0419	.49740
#2	10.509	1.0191	1.0376	1.0839	.52221	1.0410	.49589

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.649	1.0099	1.0225	1.0562	9.9685	.54508	1.0062
SDev	.116	.0017	.0003	.0004	.0249	.00073	.0031
%RSD	.12988	.17135	.03009	.03550	.24942	.13440	.31061
#1	89.731	1.0111	1.0227	1.0565	9.9861	.54560	1.0084
#2	89.566	1.0087	1.0223	1.0559	9.9509	.54456	1.0040

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0680	11.842	1.0175	1.0324	1.0102	13.165	1.9516
SDev	.0049	.016	.0009	.0019	.0009	.021	.0046
%RSD	.45958	.13714	.08983	.18452	.09008	.16158	.23513
#1	1.0715	11.853	1.0181	1.0311	1.0108	13.180	1.9548
#2	1.0646	11.830	1.0168	1.0338	1.0095	13.150	1.9483

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51940	192.32	156.54	.64537	1.0150	1.0376	1.0231
SDev	.00098	.59	.31	.00101	.0026	.0013	.0013

%RSD	.18962	.30679	.19538	.15566	.25202	.12899	.12878
#1	.52010	192.74	156.76	.64608	1.0132	1.0385	1.0240
#2	.51870	191.90	156.33	.64466	1.0168	1.0366	1.0221

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0344	1.0238	1.0104	1.0041	1.0707	1.0667
SDev	.0018	.0011	.0080	.0007	.0164	.0009
%RSD	.17373	.10732	.78793	.07045	1.5355	.08037
#1	1.0357	1.0245	1.0161	1.0046	1.0823	1.0661
#2	1.0331	1.0230	1.0048	1.0036	1.0591	1.0673

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22656	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1591704	--	--	--	--	--	--
#1	22631	--	--	--	--	--	--
#2	22682	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49304-a-1-f msd Operator: SRP
Run Time: 01/27/12 07:43:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.440	1.0144	1.0380	1.0737	.52553	1.0385	.49891
SDev	.020	.0003	.0012	.0023	.00093	.0018	.00116
%RSD	.19518	.02468	.11562	.20980	.17678	.17120	.23185
#1	10.454	1.0146	1.0388	1.0753	.52618	1.0397	.49973
#2	10.426	1.0143	1.0371	1.0721	.52487	1.0372	.49809

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.906	1.0139	1.0263	1.0456	9.9875	.53810	1.0118
SDev	.176	.0022	.0015	.0019	.0211	.00090	.0034
%RSD	.19559	.22018	.14421	.18522	.21144	.16810	.33867
#1	90.031	1.0155	1.0273	1.0470	10.002	.53874	1.0142
#2	89.782	1.0123	1.0252	1.0442	9.9725	.53746	1.0094

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0738	11.856	1.0186	1.0326	1.0128	13.030	1.9412
SDev	.0024	.005	.0021	.0041	.0038	.044	.0034
%RSD	.22453	.04307	.20595	.39764	.37682	.34089	.17708

#1	1.0721	11.859	1.0201	1.0355	1.0155	13.061	1.9437
#2	1.0755	11.852	1.0171	1.0297	1.0102	12.999	1.9388

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51623	189.85	154.43	.63881	1.0082	1.0432	1.0196
SDev	.00098	.45	.48	.00125	.0015	.0015	.0020
%RSD	.19080	.23444	.30784	.19614	.14701	.14212	.19259
#1	.51693	190.16	154.76	.63969	1.0093	1.0421	1.0210
#2	.51554	189.53	154.09	.63792	1.0072	1.0442	1.0183

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0334	1.0227	1.0161	1.0097	1.0798	1.0709
SDev	.0016	.0023	.0021	.0041	.0012	.0030
%RSD	.15953	.22150	.20955	.40365	.10997	.28230
#1	1.0346	1.0243	1.0176	1.0125	1.0790	1.0687
#2	1.0322	1.0211	1.0146	1.0068	1.0806	1.0730

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22886	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1483052	--	--	--	--	--	--
#1	22862	--	--	--	--	--	--
#2	22910	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49304-a-2-d Operator: SRP
Run Time: 01/27/12 07:47:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05376	.00058	.00390	.17425	.00034	.04590	.00012
SDev	.00124	.00100	.00218	.00067	.00002	.00075	.00004
%RSD	2.3071	172.31	55.773	.38679	5.8907	1.6276	33.313
#1	.05288	.00129	.00544	.17473	.00033	.04642	.00015
#2	.05464	-.00013	.00236	.17378	.00035	.04537	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.184	.00021	.00018	.00198	.03378	.00067	-.00004
SDev	.076	.00007	.00008	.00003	.00150	.00003	.00041
%RSD	.10284	35.429	45.774	1.4120	4.4407	5.1022	935.63
#1	74.238	.00026	.00012	.00200	.03484	.00064	.00025
#2	74.130	.00015	.00024	.00196	.03272	.00069	-.00034

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	3.7731	.14099	.00769	.00022	.25206	.60560
SDev	.00057	.0081	.00021	.00134	.00044	.00764	.00250
%RSD	26.570	.21594	.15242	17.394	198.81	3.0297	.41352
#1	.00254	3.7789	.14114	.00863	.00053	.24666	.60737
#2	.00174	3.7674	.14083	.00674	-.00009	.25746	.60383

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	174.88	143.24	.18772	.00391	-.00016	.00167
SDev	.00038	.81	.61	.00064	.00480	.00121	.00008
%RSD	113.70	.46338	.42523	.33856	122.73	736.87	4.7023
#1	-.00060	175.45	143.67	.18817	.00730	-.00102	.00172
#2	-.00007	174.31	142.81	.18727	.00052	.00069	.00161

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00231	-.00114	.00050	.00167	.00238
SDev	.00026	.00004	.00065	.00029	.00184	.00177
%RSD	44.305	1.8922	57.067	58.403	110.27	74.514
#1	.00041	.00228	-.00068	.00071	.00037	.00363
#2	.00078	.00234	-.00160	.00030	.00297	.00113

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22694	--	--	--	--	--	--
SDev	19.79899	--	--	--	--	--	--
%RSD	.0872433	--	--	--	--	--	--
#1	22708	--	--	--	--	--	--
#2	22680	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49304-a-3-d Operator: SRP
Run Time: 01/27/12 07:51:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01210	-.00003	.00172	.03133	.00031	.05085	-.00008
SDev	.00032	.00057	.00164	.00014	.00003	.00044	.00003
%RSD	2.6851	1991.1	95.009	.45166	9.6576	.85741	39.011
#1	-.01187	.00037	.00288	.03143	.00028	.05116	-.00010
#2	-.01233	-.00043	.00057	.03123	.00033	.05054	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.632	.00355	.00020	.00442	-.00033	.00308	.00029
SDev	.247	.00003	.00004	.00026	.00088	.00001	.00013
%RSD	.33959	.89799	20.817	5.9422	269.34	.32702	44.637

#1	72.806	.00357	.00017	.00461	-.00095	.00309	.00038
#2	72.457	.00353	.00023	.00424	.00030	.00307	.00020

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00111	.99181	.00246	.00402	.00001	1.4134	1.7218
SDev	.00073	.00612	.00003	.00008	.00058	.0117	.0091
%RSD	65.604	.61696	1.3450	2.0890	7134.5	.82876	.52775

#1	-.00162	.99614	.00249	.00396	.00042	1.4217	1.7282
#2	-.00059	.98749	.00244	.00407	-.00040	1.4052	1.7153

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	176.33	144.49	.36096	-.00138	.00134	-.00030
SDev	.00016	.68	.46	.00104	.00307	.00024	.00007
%RSD	35.170	.38847	.32077	.28706	223.14	17.578	21.672

#1	-.00034	176.81	144.82	.36169	-.00355	.00151	-.00026
#2	-.00056	175.84	144.16	.36022	.00080	.00117	-.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00260	-.00270	-.00160	.00124	-.00056	-.00138
SDev	.00000	.00003	.00085	.00023	.00084	.00067
%RSD	.14564	1.0955	52.948	18.505	150.53	48.457

#1	.00260	-.00267	-.00100	.00107	-.00115	-.00186
#2	.00259	-.00272	-.00220	.00140	.00004	-.00091

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22577	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1941827	--	--	--	--	--	--

#1	22546	--	--	--	--	--	--
#2	22608	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49304-a-4-d Operator: SRP
Run Time: 01/27/12 07:55:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00984	.00006	.00176	.07711	.00033	.01535	.00012
SDev	.00071	.00106	.00253	.00026	.00000	.00076	.00001
%RSD	7.1727	1799.1	143.39	.34078	1.2960	4.9520	8.1512

#1	-.00934	.00081	.00355	.07729	.00033	.01588	.00013
#2	-.01034	-.00069	-.00002	.07692	.00033	.01481	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.817	.00031	-.00023	.00203	-.00051	.00037	-.00027
SDev	.260	.00022	.00008	.00013	.00314	.00002	.00032
%RSD	.31052	71.030	36.037	6.4371	612.62	5.4447	120.17

#1	84.001	.00047	-.00029	.00193	-.00273	.00039	-.00004
#2	83.633	.00016	-.00017	.00212	.00171	.00036	-.00049

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	1.2036	.05402	.00087	-.00022	.11091	1.4921

SDev	.00041	.0075	.00023	.00018	.00020	.00736	.0048
%RSD	32.306	.62313	.42337	21.371	90.966	6.6391	.32491
#1	.00157	1.2089	.05418	.00100	-.00008	.11612	1.4955
#2	.00099	1.1983	.05385	.00074	-.00037	.10571	1.4886

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	177.40	145.26	.15899	-.00252	.00068	-.00023
SDev	.00010	.78	.59	.00040	.00113	.00254	.00002
%RSD	23.790	.44043	.40410	.24905	45.080	372.33	9.8439
#1	-.00047	177.95	145.68	.15927	-.00332	-.00111	-.00025
#2	-.00033	176.85	144.85	.15871	-.00171	.00248	-.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00125	.00048	-.00231	.00076	.00337	.00024
SDev	.00018	.00014	.00061	.00017	.00080	.00022
%RSD	14.554	29.561	26.584	22.785	23.855	91.704
#1	.00112	.00059	-.00188	.00088	.00394	.00039
#2	.00138	.00038	-.00274	.00063	.00280	.00008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22620	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.1094133	--	--	--	--	--	--
#1	22602	--	--	--	--	--	--
#2	22637	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49304-a-5-d Operator: SRP
Run Time: 01/27/12 07:59:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01052	.00051	.00323	.07167	.00036	.00971	.00000
SDev	.00213	.00095	.00143	.00009	.00002	.00035	.00006

%RSD	20.218	187.37	44.156	.12874	5.6958	3.6226	18236.
#1	-.01202	-.00016	.00222	.07174	.00034	.00946	-.00004
#2	-.00902	.00118	.00424	.07161	.00037	.00996	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.063	.00027	-.00019	.00279	-.00279	.00033	-.00018
SDev	.053	.00036	.00004	.00038	.00013	.00003	.00139
%RSD	.06735	133.95	21.445	13.632	4.6079	7.9883	769.37
#1	78.100	.00001	-.00016	.00253	-.00288	.00031	.00080
#2	78.026	.00053	-.00022	.00306	-.00270	.00035	-.00116

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	1.6008	.03752	.00118	.00094	.05872	.61302
SDev	.00306	.0027	.00004	.00027	.00047	.00554	.00325
%RSD	560.42	.16876	.11475	23.252	50.168	9.4372	.53007
#1	.00162	1.5989	.03749	.00098	.00128	.05480	.61072
#2	-.00271	1.6028	.03755	.00137	.00061	.06263	.61532

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	177.06	144.68	.10495	-.00284	.00033	-.00026
SDev	.00031	.34	.28	.00018	.00048	.00050	.00011
%RSD	56.816	.19348	.19141	.17609	16.917	151.43	40.457
#1	-.00077	177.30	144.88	.10508	-.00250	.00068	-.00033
#2	-.00033	176.82	144.49	.10481	-.00318	-.00002	-.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	-.00037	-.00216	.00081	-.00275	.00056
SDev	.00046	.00020	.00259	.00078	.00408	.00255
%RSD	39.088	53.667	119.75	96.821	148.32	457.81
#1	.00085	-.00051	-.00033	.00137	.00013	.00236
#2	.00151	-.00023	-.00399	.00026	-.00563	-.00124

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22858	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0402143	--	--	--	--	--	--
#1	22865	--	--	--	--	--	--
#2	22852	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 08:03:05
Comment: TRACE 61E

Analysis Report Blank Sample 01/27/12 08:06:53 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6071	.49907	.50482	.49760	.51873	.49742	.49860
SDev	.0014	.00158	.00752	.00034	.00091	.00018	.00102
%RSD	.05374	.31595	1.4898	.06896	.17522	.03640	.20544
#1	2.6081	.49795	.49951	.49784	.51808	.49729	.49787
#2	2.6061	.50018	.51014	.49736	.51937	.49754	.49932

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.676	.50723	.51260	.51477	2.5245	.47692	.50006
SDev	.018	.00085	.00077	.00004	.0006	.00034	.00210
%RSD	.14345	.16740	.14977	.00829	.02394	.07068	.41901

#1	12.664	.50663	.51206	.51480	2.5240	.47716	.50155
#2	12.689	.50783	.51314	.51474	2.5249	.47668	.49858

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51980	5.1143	.49862	.50687	.50466	12.074	.94263
SDev	.00221	.0062	.00072	.00198	.00062	.005	.00280
%RSD	.42430	.12148	.14354	.39020	.12283	.04416	.29650

#1	.51824	5.1099	.49812	.50547	.50510	12.077	.94461
#2	.52136	5.1187	.49913	.50827	.50422	12.070	.94065

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25186	12.643	12.076	.24590	.48914	.51708	.51229
SDev	.00000	.028	.013	.00002	.00858	.00075	.00061
%RSD	.00003	.22356	.11170	.00993	1.7539	.14500	.11866

#1	.25186	12.663	12.086	.24592	.48307	.51655	.51186
#2	.25186	12.623	12.067	.24589	.49520	.51761	.51272

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51158	.49903	.50224	.49898	.52282	.51834
SDev	.00017	.00077	.00372	.00128	.00041	.00351
%RSD	.03397	.15451	.74079	.25707	.07878	.67797

#1	.51146	.49849	.50487	.49988	.52311	.51586
#2	.51170	.49958	.49961	.49807	.52253	.52083

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22988	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.3722020	--	--	--	--	--	--

#1	23048	--	--	--	--	--	--
#2	22927	--	--	--	--	--	--

Analysis Report Blank Sample 01/27/12 08:06:53 AM page 15

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/27/12 08:06:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01719	.00079	.00427	.00040	.00067	.00142	.00030
SDev	.00205	.00104	.00115	.00004	.00009	.00045	.00008
%RSD	11.958	131.09	26.927	10.745	12.893	31.767	25.482

#1	.01573	.00152	.00508	.00037	.00061	.00174	.00024
#2	.01864	.00006	.00346	.00043	.00073	.00110	.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04645	.00029	.00012	.00157	.00472	.00001	.00025

SDev	.00293	.00012	.00028	.00018	.02118	.00007	.00075
%RSD	6.3156	39.971	242.31	11.594	448.53	490.20	297.01
#1	.04438	.00021	-.00008	.00170	-.01025	-.00003	.00079
#2	.04853	.00038	.00031	.00145	.01970	.00006	-.00028

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00299	.00969	.00038	.00168	.00034	-.16209	.00023
SDev	.00109	.00216	.00008	.00104	.00107	.01225	.00045
%RSD	36.416	22.275	21.091	61.649	317.57	7.5583	192.84
#1	-.00376	.00817	.00033	.00242	-.00042	-.15343	-.00008
#2	-.00222	.01122	.00044	.00095	.00110	-.17075	.00055

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	-.01092	.00230	.00016	.00022	.00031	.00046
SDev	.00021	.09426	.00128	.00004	.00276	.00079	.00009
%RSD	174.89	863.15	55.960	27.417	1277.3	253.36	18.637
#1	-.00027	-.07757	.00139	.00013	.00217	-.00025	.00040
#2	.00003	.05573	.00320	.00019	-.00174	.00087	.00052

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	-.00499	-.00148	.00112	-.00239	-.00329
SDev	.00008	.00011	.00012	.00107	.00308	.00009
%RSD	14.874	2.1690	8.0435	95.411	129.00	2.8431
#1	.00047	-.00491	-.00140	.00188	-.00457	-.00336
#2	.00058	-.00507	-.00157	.00036	-.00021	-.00323

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23488	--	--	--	--	--	--

Analysis Report Blank Sample 01/27/12 08:10:44 AM page 16

SDev	53.74012	--	--	--	--	--	--
%RSD	.2287982	--	--	--	--	--	--
#1	23450	--	--	--	--	--	--
#2	23526	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49304-a-6-d Operator: SRP
Run Time: 01/27/12 08:10:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01003	-.00043	.00542	.08169	.00048	.00903	.00010
SDev	.00137	.00148	.00140	.00002	.00013	.00033	.00017
%RSD	13.618	347.75	25.927	.01946	27.462	3.6465	167.83
#1	-.01099	-.00147	.00443	.08170	.00039	.00926	-.00002
#2	-.00906	.00062	.00641	.08168	.00057	.00879	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.932	.00028	-.00004	.00219	.00230	.00032	-.00030
SDev	.201	.00014	.00024	.00006	.00163	.00012	.00058
%RSD	.25824	50.649	644.65	2.7596	70.931	35.600	192.51
#1	78.074	.00018	-.00021	.00215	.00114	.00024	.00011
#2	77.790	.00039	.00013	.00223	.00345	.00041	-.00071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	1.7490	.01865	.00016	.00031	.01291	.86577
SDev	.00041	.0049	.00012	.00000	.00010	.00154	.00251
%RSD	320.52	.27806	.64631	.22073	31.094	11.965	.29053
#1	-.00016	1.7524	.01857	.00016	.00024	.01182	.86755
#2	.00042	1.7455	.01874	.00016	.00037	.01400	.86399

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	172.63	141.62	.12716	.00063	.00214	-.00011
SDev	.00034	.41	.30	.00020	.00266	.00050	.00011
%RSD	872.22	.23547	.21061	.15969	420.51	23.114	101.43
#1	-.00028	172.91	141.83	.12731	.00251	.00250	-.00019
#2	.00020	172.34	141.41	.12702	-.00125	.00179	-.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	-.00122	-.00189	.00049	-.00220	.00129
SDev	.00000	.00002	.00107	.00033	.00063	.00030
%RSD	.06881	2.0252	56.979	66.584	28.775	23.158
#1	.00071	-.00123	-.00113	.00073	-.00265	.00108
#2	.00071	-.00120	-.00264	.00026	-.00175	.00150

Analysis Report 01/27/12 08:14:35 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23136	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0947475	--	--	--	--	--	--
#1	23120	--	--	--	--	--	--
#2	23151	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49307-a-1-d Operator: SRP
Run Time: 01/27/12 08:14:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00978	-.00177	.00284	.20869	.00045	.01498	.00009
SDev	.00255	.00129	.00125	.00068	.00008	.00010	.00025
%RSD	26.085	72.784	44.083	.32508	17.946	.68597	287.71

#1	-.01159	-.00086	.00196	.20917	.00040	.01490	-.00009
#2	-.00798	-.00268	.00373	.20821	.00051	.01505	.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.121	.00004	.00022	.00158	.00495	.00031	-.00118
SDev	.332	.00010	.00020	.00022	.00805	.00003	.00003
%RSD	.47393	214.37	91.262	14.121	162.71	10.735	2.3927

#1	70.356	.00011	.00008	.00174	-.00074	.00029	-.00116
#2	69.886	-.00002	.00037	.00142	.01064	.00034	-.00120

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	4.7472	.25592	-.00022	-.00017	.00124	.31398
SDev	.00394	.0259	.00125	.00012	.00053	.01274	.00168
%RSD	1055.3	.54618	.49011	54.750	313.56	1028.1	.53590

#1	.00316	4.7655	.25681	-.00030	-.00054	.01025	.31517
#2	-.00241	4.7288	.25503	-.00013	.00020	-.00777	.31279

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	170.26	139.91	.18695	-.00046	.00087	-.00015
SDev	.00019	.65	.30	.00074	.00127	.00108	.00002
%RSD	51.068	.38437	.21633	.39674	277.56	123.78	15.422

#1	-.00050	170.73	140.13	.18747	-.00136	.00011	-.00017
#2	-.00023	169.80	139.70	.18642	.00044	.00163	-.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	-.00273	-.00274	-.00041	.00266	-.00077
SDev	.00009	.00013	.00176	.00084	.00327	.00427
%RSD	34.508	4.8508	64.454	205.56	123.06	555.17

#1	.00032	-.00264	-.00149	-.00100	.00497	.00225	
#2	.00020	-.00282	-.00399	.00019	.00034	-.00379	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23249	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2858963	--	--	--	--	--	--

#1	23202	--	--	--	--	--	--
#2	23296	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49321-d-1-b Operator: SRP
Run Time: 01/27/12 08:18:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00653	-.00106	.00146	.05757	.00044	.01007	.00014
SDev	.00360	.00015	.00197	.00015	.00004	.00077	.00019

%RSD	55.152	14.550	134.91	.26032	9.0770	7.6452	133.10
#1	-.00908	-.00117	.00007	.05768	.00041	.00952	.00001
#2	-.00399	-.00095	.00285	.05747	.00047	.01061	.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.882	-.00004	-.00034	.00227	-.00298	-.00005	.00005
SDev	.012	.00040	.00012	.00046	.01677	.00006	.00054
%RSD	.09776	1011.8	34.219	20.446	563.01	127.52	1103.6
#1	11.890	-.00033	-.00042	.00194	-.01483	-.00009	-.00033
#2	11.874	.00025	-.00026	.00260	.00888	-.00000	.00043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	1.4319	.01433	-.00020	.00061	.28016	.41543
SDev	.00146	.0050	.00006	.00056	.00020	.02302	.00113
%RSD	2894.0	.34765	.42293	287.67	32.152	8.2183	.27275
#1	-.00099	1.4284	.01438	-.00059	.00075	.26388	.41623
#2	.00109	1.4354	.01429	.00020	.00047	.29644	.41463

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	166.25	135.97	.04136	-.00345	-.00112	.00016
SDev	.00043	.59	.32	.00015	.00011	.00059	.00015
%RSD	118.33	.35787	.23546	.35429	3.3064	52.613	90.440
#1	-.00066	166.67	136.20	.04147	-.00353	-.00070	.00006
#2	-.00006	165.83	135.74	.04126	-.00337	-.00154	.00026

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00143	-.00184	.00099	-.00048	.00032
SDev	.00018	.00019	.00046	.00058	.00249	.00095
%RSD	41.349	13.646	25.026	58.829	516.96	300.52
#1	.00032	.00129	-.00216	.00058	-.00224	-.00036
#2	.00058	.00156	-.00151	.00140	.00128	.00099

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23391	--	--	--	--	--	--
SDev	79.19596	--	--	--	--	--	--
%RSD	.3385745	--	--	--	--	--	--
#1	23447	--	--	--	--	--	--
#2	23335	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49268-a-1-b Operator: SRP
Run Time: 01/27/12 08:22:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01200	-.00015	.00213	.09310	.00042	.02127	-.00003
SDev	.00149	.00079	.00198	.00007	.00001	.00022	.00003
%RSD	12.416	515.53	92.989	.07686	2.4508	1.0416	102.14
#1	-.01306	-.00071	.00073	.09315	.00041	.02112	-.00005
#2	-.01095	.00041	.00354	.09305	.00043	.02143	-.00001
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.089	.00008	.00008	.00183	.01387	.00173	-.00057
SDev	.068	.00014	.00008	.00020	.00123	.00001	.00009
%RSD	.09677	181.73	101.72	11.005	8.8909	.34817	15.904
#1	70.137	-.00002	.00014	.00169	.01474	.00173	-.00050
#2	70.041	.00018	.00002	.00197	.01300	.00173	-.00063
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00091	6.5749	.15003	.00848	.00086	-.08461	.59985
SDev	.00308	.0027	.00014	.00018	.00014	.00012	.00047
%RSD	337.13	.04063	.09173	2.0936	15.997	.14212	.07862
#1	.00126	6.5767	.15013	.00836	.00076	-.08452	.59951
#2	-.00309	6.5730	.14993	.00861	.00096	-.08469	.60018
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	171.90	141.37	.23504	-.00030	.00085	-.00023
SDev	.00009	.11	.17	.00037	.00235	.00137	.00009
%RSD	16.483	.06117	.12073	.15717	777.24	162.01	39.635

#1	-.00063	171.98	141.49	.23530	-.00196	-.00012	-.00029
#2	-.00050	171.83	141.25	.23478	.00136	.00182	-.00017
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00308	-.00304	-.00229	.00030	-.00138	-.00068	
SDev	.00018	.00005	.00140	.00057	.00132	.00528	
%RSD	5.8879	1.6204	61.299	191.74	96.137	774.99	
#1	.00296	-.00300	-.00130	-.00010	-.00231	.00305	
#2	.00321	-.00307	-.00328	.00070	-.00044	-.00442	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23210	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0182794	--	--	--	--	--	--
#1	23207	--	--	--	--	--	--
#2	23213	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49268-a-1-c ms Operator: SRP
Run Time: 01/27/12 08:26:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.545	1.0179	1.0431	1.0830	.52731	1.0466	.49627
SDev	.111	.0086	.0116	.0097	.00505	.0110	.00547
%RSD	1.0502	.84482	1.1123	.89379	.95787	1.0550	1.1014
#1	10.623	1.0240	1.0513	1.0899	.53088	1.0544	.50014
#2	10.467	1.0119	1.0349	1.0762	.52374	1.0388	.49241

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.137	1.0181	1.0304	1.0516	9.9858	.54470	1.0059
SDev	.878	.0110	.0101	.0090	.1156	.00519	.0105
%RSD	1.0950	1.0768	.98359	.85586	1.1573	.95230	1.0459
#1	80.758	1.0259	1.0376	1.0580	10.068	.54837	1.0133
#2	79.517	1.0104	1.0233	1.0452	9.9041	.54103	.99842

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0791	16.721	1.1454	1.0362	1.0159	12.867	1.5871
SDev	.0047	.192	.0116	.0060	.0109	.141	.0168
%RSD	.43402	1.1487	1.0152	.57839	1.0684	1.0966	1.0569
#1	1.0824	16.857	1.1536	1.0405	1.0235	12.967	1.5990
#2	1.0758	16.586	1.1372	1.0320	1.0082	12.767	1.5753

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51797	187.80	153.52	.72854	.99470	1.0488	1.0250
SDev	.00517	1.84	1.63	.00680	.00610	.0108	.0092
%RSD	.99894	.97924	1.0636	.93316	.61280	1.0298	.89319
#1	.52163	189.10	154.67	.73334	.99901	1.0564	1.0314
#2	.51431	186.50	152.36	.72373	.99039	1.0412	1.0185

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0396	1.0138	1.0121	1.0027	1.0927	1.0723
SDev	.0092	.0101	.0108	.0104	.0012	.0064
%RSD	.88709	.99442	1.0694	1.0341	.10863	.59982
#1	1.0461	1.0209	1.0198	1.0101	1.0935	1.0768
#2	1.0331	1.0067	1.0045	.99539	1.0918	1.0677

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23322	--	--	--	--	--	--
SDev	217.7889	--	--	--	--	--	--
%RSD	.9338346	--	--	--	--	--	--
#1	23168	--	--	--	--	--	--
#2	23476	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49268-a-1-d msd Operator: SRP
Run Time: 01/27/12 08:30:04
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.570	1.0068	1.0424	1.0845	.52504	1.0409	.49284
SDev	.016	.0025	.0049	.0025	.00211	.0047	.00184
%RSD	.15531	.24927	.46693	.23455	.40180	.45331	.37285
#1	10.581	1.0086	1.0458	1.0863	.52654	1.0443	.49414
#2	10.558	1.0050	1.0390	1.0827	.52355	1.0376	.49154

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.302	1.0145	1.0266	1.0542	9.9378	.54634	1.0008
SDev	.330	.0038	.0043	.0028	.0570	.00155	.0054
%RSD	.41627	.37094	.42285	.26401	.57329	.28404	.53705
#1	79.536	1.0171	1.0297	1.0562	9.9781	.54744	1.0046
#2	79.069	1.0118	1.0235	1.0522	9.8975	.54525	.99703

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0795	16.628	1.1408	1.0378	1.0089	12.916	1.5771
SDev	.0012	.057	.0038	.0041	.0054	.048	.0046
%RSD	.11274	.34030	.33325	.39947	.53434	.36855	.29163
#1	1.0787	16.668	1.1435	1.0407	1.0127	12.950	1.5804

#2	1.0804	16.588	1.1381	1.0349	1.0050	12.882	1.5739

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51748	187.06	153.43	.72732	.99112	1.0391	1.0235
SDev	.00207	.60	.56	.00212	.00324	.0061	.0032
%RSD	.40048	.32163	.36213	.29092	.32712	.58672	.31582
#1	.51894	187.48	153.82	.72881	.98882	1.0434	1.0258
#2	.51601	186.63	153.03	.72582	.99341	1.0348	1.0212

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0381	1.0052	1.0075	.99748	1.0850	1.0768
SDev	.0029	.0023	.0095	.00330	.0014	.0011
%RSD	.27720	.22393	.94542	.33080	.13102	.10354
#1	1.0401	1.0067	1.0143	.99982	1.0840	1.0760
#2	1.0360	1.0036	1.0008	.99515	1.0860	1.0776

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23094	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.2143305	--	--	--	--	--	--
#1	23059	--	--	--	--	--	--
#2	23129	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49289-d-1-b Operator: SRP

Run Time: 01/27/12 08:33:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0031	.00700	.00223	.00796	.00046	.00771	.00008
SDev	.0139	.00186	.00186	.00002	.00000	.00062	.00002
%RSD	.34720	26.559	83.450	.20837	.47180	8.0190	19.018
#1	4.0130	.00831	.00092	.00794	.00046	.00727	.00009
#2	3.9933	.00568	.00355	.00797	.00046	.00815	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90012	.00305	-.00028	.00285	.08283	-.00023	-.00034
SDev	.00240	.00033	.00012	.00036	.00406	.00001	.00066
%RSD	.26615	10.800	43.229	12.768	4.8999	2.2098	193.00
#1	.90182	.00282	-.00036	.00259	.07996	-.00023	-.00081
#2	.89843	.00328	-.00019	.00310	.08570	-.00023	.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.01091	.00211	.00389	.00085	.86865	1.1512

SDev	.00133	.00203	.00003	.00192	.00021	.01345	.0051
%RSD	118.20	18.623	1.2427	49.315	25.022	1.5482	.44175
#1	.00019	.01235	.00209	.00525	.00100	.87816	1.1548
#2	.00207	.00948	.00213	.00253	.00070	.85914	1.1476

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	169.32	138.68	.00440	.00450	.00044	.00030
SDev	.00024	.69	.43	.00000	.00231	.00097	.00013
%RSD	169.83	.40961	.30724	.03334	51.433	221.07	42.681
#1	-.00032	169.81	138.98	.00440	.00613	-.00025	.00021
#2	.00003	168.83	138.38	.00440	.00286	.00112	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	.01117	-.00490	.00194	-.00108	.00223
SDev	.00007	.00020	.00128	.00035	.00340	.00030
%RSD	6.6809	1.7966	26.077	18.159	313.81	13.420
#1	.00100	.01131	-.00581	.00169	-.00349	.00202
#2	.00110	.01103	-.00400	.00219	.00132	.00244

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23508	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0451182	--	--	--	--	--	--
#1	23501	--	--	--	--	--	--

#2	23516	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49320-a-1-b Operator: SRP
Run Time: 01/27/12 08:37:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00792	-.00189	.00806	.01495	.00043	.01389	.01066
SDev	.00119	.00142	.00058	.00003	.00001	.00013	.00013
%RSD	15.032	74.767	7.2037	.21261	1.2736	.94833	1.1739
#1	.00876	-.00089	.00847	.01497	.00043	.01380	.01075
#2	.00707	-.00290	.00765	.01493	.00043	.01399	.01057

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.859	.00050	.00104	.00305	-.00385	-.00031	.76029
SDev	.029	.00012	.00008	.00024	.00098	.00000	.00074
%RSD	.18065	24.064	7.6501	7.9585	25.486	1.4105	.09750
#1	15.879	.00058	.00110	.00322	-.00315	-.00030	.76082

#2	15.839	.00041	.00099	.00288	-.00454	-.00031	.75977

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.43741	.41032	.00102	-.00002	.79408	.04937
SDev	.00146	.00279	.00055	.00033	.00010	.01115	.00151
%RSD	210.98	.63660	.13276	32.134	446.16	1.4035	3.0677
#1	.00172	.43544	.41071	.00125	.00005	.80196	.04829
#2	-.00034	.43938	.40994	.00078	-.00009	.78620	.05044

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	171.13	140.00	.03671	-.00003	.00185	.00110
SDev	.00003	.20	.24	.00002	.00278	.00113	.00009
%RSD	14.792	.11562	.16875	.05341	9208.0	61.335	8.2238
#1	-.00023	171.27	140.17	.03672	.00193	.00104	.00117
#2	-.00019	170.99	139.84	.03669	-.00199	.00265	.00104

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	3.7056	.76846	.75621	.00070	.00069
SDev	.00000	.0073	.00019	.00121	.00709	.00136
%RSD	3.7545	.19616	.02499	.15975	1014.3	197.90
#1	.00008	3.7107	.76832	.75706	.00572	-.00027
#2	.00008	3.7004	.76860	.75535	-.00432	.00165

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23452	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--

%RSD	.0995012	--	--	--	--	--	--
#1	23435	--	--	--	--	--	--
#2	23468	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49320-a-1-c ms Operator: SRP
Run Time: 01/27/12 08:41:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.714	1.0279	1.0633	1.0233	.53833	1.0407	.51640
SDev	.029	.0003	.0030	.0035	.00128	.0030	.00155
%RSD	.26987	.03116	.27835	.34212	.23782	.28808	.30043
#1	10.735	1.0277	1.0654	1.0258	.53924	1.0428	.51750
#2	10.694	1.0281	1.0613	1.0208	.53743	1.0386	.51531

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	26.580	1.0421	1.0601	1.0755	10.229	.54947	1.7919
SDev	.058	.0026	.0024	.0037	.024	.00170	.0059
%RSD	.21813	.24515	.22787	.34343	.23158	.31021	.33184
#1	26.621	1.0439	1.0618	1.0781	10.246	.55068	1.7961
#2	26.539	1.0402	1.0584	1.0728	10.212	.54827	1.7877

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0985	10.767	1.4352	1.0380	1.0297	13.888	1.0152
SDev	.0040	.031	.0037	.0016	.0052	.053	.0042
%RSD	.36460	.29200	.25610	.15384	.50459	.38244	.41246
#1	1.1013	10.790	1.4378	1.0392	1.0334	13.925	1.0181
#2	1.0957	10.745	1.4326	1.0369	1.0260	13.850	1.0122

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52424	190.72	155.00	.53518	1.0030	1.0648	1.0437
SDev	.00133	.73	.54	.00177	.0041	.0010	.0020
%RSD	.25327	.38196	.34531	.32981	.41300	.09141	.18807
#1	.52517	191.23	155.38	.53643	1.0001	1.0655	1.0451
#2	.52330	190.20	154.63	.53393	1.0059	1.0642	1.0423

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0537	4.6933	1.8063	1.7847	1.1120	1.0917
SDev	.0024	.0131	.0107	.0036	.0055	.0087
%RSD	.22755	.27964	.59099	.20070	.49275	.80125
#1	1.0554	4.7026	1.8138	1.7873	1.1081	1.0979
#2	1.0520	4.6840	1.7987	1.7822	1.1159	1.0855

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	23274	--	--	--	--	--	--
SDev	67.17515	--	--	--	--	--	--
%RSD	.2886336	--	--	--	--	--	--
#1	23226	--	--	--	--	--	--
#2	23321	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-70917/1-b Operator: SRP
Run Time: 01/27/12 08:45:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01265	.00057	.00376	.00755	.00046	.01285	-.00006
SDev	.00021	.00150	.00062	.00004	.00001	.00045	.00008
%RSD	1.6229	262.14	16.390	.47978	1.1639	3.4705	127.70

#1	-.01250	-.00049	.00332	.00757	.00046	.01317	-.00011
#2	-.01279	.00163	.00419	.00752	.00045	.01254	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23705	-.00002	-.00042	.00233	-.01136	-.00044	.00008
SDev	.00004	.00014	.00032	.00006	.00587	.00005	.00014
%RSD	.01742	569.51	76.756	2.4452	51.648	10.242	181.34
#1	.23702	.00008	-.00064	.00229	-.01550	-.00041	.00017
#2	.23708	-.00013	-.00019	.00237	-.00721	-.00047	-.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	-.01986	.00038	.00609	-.00022	-.29595	.01923
SDev	.00110	.00280	.00003	.00198	.00094	.01318	.00057
%RSD	224.44	14.114	7.2411	32.510	431.32	4.4532	2.9781
#1	-.00029	-.01788	.00040	.00749	.00045	-.28663	.01882
#2	.00127	-.02184	.00036	.00469	-.00088	-.30527	.01963

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	1.2700	1.2799	.00027	.00067	.00067	.00010
SDev	.00012	.0290	.0049	.00002	.00400	.00125	.00004
%RSD	27.556	2.2816	.38538	6.3201	592.57	188.24	41.755
#1	-.00053	1.2905	1.2833	.00028	.00350	.00155	.00013
#2	-.00036	1.2495	1.2764	.00026	-.00215	-.00022	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	-.00186	-.00208	.00115	.00081	.00033
SDev	.00016	.00004	.00130	.00044	.00414	.00041
%RSD	41.711	2.2510	62.502	38.445	508.79	125.22
#1	.00027	-.00183	-.00116	.00084	-.00211	.00062
#2	.00049	-.00189	-.00300	.00147	.00374	.00004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23550	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.1231083	--	--	--	--	--	--
#1	23529	--	--	--	--	--	--
#2	23570	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 08:49:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6208	.49774	.51292	.49117	.52891	.49682	.50400
SDev	.0009	.00085	.00103	.00016	.00132	.00224	.00195
%RSD	.03507	.17070	.20018	.03193	.24893	.45069	.38630
#1	2.6215	.49834	.51365	.49128	.52984	.49840	.50538
#2	2.6202	.49714	.51220	.49106	.52798	.49523	.50262

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.871	.51583	.52051	.51551	2.5465	.47744	.50321
SDev	.038	.00092	.00151	.00123	.0082	.00088	.00034
%RSD	.29476	.17884	.28998	.23956	.32227	.18476	.06749
#1	12.898	.51648	.52157	.51639	2.5523	.47806	.50345
#2	12.844	.51518	.51944	.51464	2.5407	.47681	.50297

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52778	5.1871	.50432	.50984	.50922	12.104	.95136
SDev	.00039	.0207	.00123	.00161	.00068	.037	.00108
%RSD	.07336	.39838	.24425	.31672	.13258	.30653	.11313
#1	.52806	5.2017	.50519	.51098	.50970	12.130	.95212
#2	.52751	5.1725	.50345	.50869	.50875	12.078	.95060

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25157	12.558	12.145	.24209	.48237	.52831	.51650
SDev	.00016	.049	.017	.00019	.01024	.00108	.00065
%RSD	.06266	.39252	.14177	.07721	2.1219	.20397	.12659
#1	.25168	12.523	12.157	.24223	.47514	.52907	.51696
#2	.25145	12.593	12.133	.24196	.48961	.52755	.51604

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51706	.49698	.50774	.50094	.53839	.52254
SDev	.00111	.00167	.00061	.00081	.00223	.00053
%RSD	.21418	.33538	.11957	.16228	.41466	.10245
#1	.51784	.49815	.50731	.50152	.53997	.52216

#2	.51627	.49580	.50816	.50037	.53681	.52292

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23781	--	--	--	--	--	--
SDev	83.43860	--	--	--	--	--	--
%RSD	.3508624	--	--	--	--	--	--
#1	23722	--	--	--	--	--	--
#2	23840	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/27/12 08:53:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01723	.00082	.00312	.00045	.00081	.00218	.00056
SDev	.00096	.00018	.00085	.00004	.00006	.00035	.00005
%RSD	5.5777	22.410	27.311	8.5828	7.6260	15.982	8.2244
#1	.01791	.00069	.00372	.00042	.00077	.00242	.00052
#2	.01655	.00095	.00252	.00048	.00086	.00193	.00059

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04993	.00065	.00024	.00217	.01338	-.00014	-.00039
SDev	.00151	.00035	.00043	.00025	.02434	.00006	.00117
%RSD	3.0320	54.155	183.26	11.419	181.92	44.902	297.50
#1	.04886	.00090	-.00007	.00235	-.00383	-.00018	.00043
#2	.05100	.00040	.00054	.00200	.03059	-.00009	-.00122

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00847	.00043	.00272	.00067	-.30058	.00242
SDev	.00194	.00014	.00011	.00002	.00072	.00366	.00080
%RSD	446.75	1.5979	24.510	.81154	107.25	1.2164	32.870
#1	-.00094	-.00838	.00036	.00271	.00016	-.29799	.00298
#2	.00181	-.00857	.00051	.00274	.00118	-.30316	.00186

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.01407	-.00384	.00017	.00130	.00100	.00056
SDev	.00030	.19899	.00177	.00001	.00199	.00049	.00001
%RSD	123.76	1414.5	46.271	3.4896	154.00	49.460	1.4216
#1	.00003	-.12664	-.00509	.00017	-.00012	.00065	.00055
#2	.00046	.15478	-.00258	.00018	.00271	.00135	.00056

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	-.00625	-.00334	.00108	-.00085	.00108
SDev	.00000	.00008	.00129	.00240	.00527	.00028
%RSD	.14975	1.3383	38.678	222.07	622.50	26.207

#1	.00084	-.00631	-.00426	.00278	-.00457	.00088
#2	.00084	-.00619	-.00243	-.00062	.00288	.00128

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23822	--	--	--	--	--	--
SDev	56.56854	--	--	--	--	--	--
%RSD	.2374634	--	--	--	--	--	--

#1	23782	--	--	--	--	--
#2	23862	--	--	--	--	--

Method: 20076010 Sample Name: 600-49303-a-1-c Operator: SRP
Run Time: 01/27/12 08:57:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00484	.00019	.00496	.08521	.00051	.01046	.00025
SDev	.00143	.00330	.00260	.00004	.00003	.00086	.00004
%RSD	29.621	1775.0	52.401	.04655	5.9927	8.2031	16.905
#1	.00383	.00252	.00680	.08524	.00048	.01107	.00022
#2	.00585	-.00215	.00312	.08519	.00053	.00986	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	193.55	.00008	-.00019	.00283	.00928	.00070	.00006
SDev	.27	.00024	.00004	.00004	.00335	.00002	.00012
%RSD	.14158	293.20	21.687	1.3944	36.080	2.6834	195.27
#1	193.75	.00025	-.00022	.00286	.01165	.00068	.00015
#2	193.36	-.00009	-.00016	.00280	.00691	.00071	-.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00112	1.9392	.13890	.00374	.00080	.13574	.90933
SDev	.00057	.0033	.00000	.00064	.00031	.00466	.00022
%RSD	51.205	.16888	.00165	17.048	38.299	3.4297	.02469
#1	.00071	1.9415	.13889	.00419	.00101	.13903	.90948
#2	.00152	1.9369	.13890	.00329	.00058	.13245	.90917

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	1.1412	1.2063	.23355	.00059	.00127	-.00085
SDev	.00013	.0112	.0005	.00015	.00064	.00083	.00008
%RSD	22.675	.98304	.03741	.06608	107.63	65.632	9.7055
#1	-.00046	1.1492	1.2066	.23366	.00014	.00185	-.00079
#2	-.00064	1.1333	1.2060	.23344	.00104	.00068	-.00091

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00217	.01116	-.00082	.00050	.00343	-.00004	
SDev	.00019	.00004	.00241	.00139	.00599	.00214	
%RSD	8.7534	.39445	293.09	275.31	174.40	5106.1	
#1	.00231	.01119	-.00253	.00148	-.00080	.00147	
#2	.00204	.01113	.00088	-.00048	.00767	-.00155	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/27/12 09:00:49 AM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22894	--	--	--	--	--	--
SDev	13.43503	--	--	--	--	--	--
%RSD	.0586823	--	--	--	--	--	--
#1	22885	--	--	--	--	--	--
#2	22904	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49303-a-2-c Operator: SRP
Run Time: 01/27/12 09:00:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2925	-.00006	.00169	.14027	.00077	.01762	.00060
SDev	.0036	.00049	.00165	.00034	.00001	.00003	.00014
%RSD	.27706	815.78	97.563	.23874	1.3800	.14849	23.390
#1	1.2951	.00029	.00052	.14051	.00077	.01760	.00050
#2	1.2900	-.00041	.00285	.14004	.00078	.01764	.00070

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	190.68	.00113	.00473	.00447	9.7503	.00176	.00043
SDev	.32	.00039	.00004	.00003	.0145	.00002	.00040
%RSD	.16589	33.994	.91190	.59046	.14884	.94108	92.506
#1	190.91	.00141	.00476	.00445	9.7605	.00177	.00071
#2	190.46	.00086	.00470	.00448	9.7400	.00175	.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00130	3.3761	.71785	.00093	.03139	1.8964	2.2989
SDev	.00057	.0097	.00095	.00042	.00034	.0073	.0136
%RSD	43.693	.28604	.13203	45.189	1.0883	.38501	.59113
#1	-.00171	3.3830	.71852	.00063	.03115	1.9016	2.3085
#2	-.00090	3.3693	.71718	.00122	.03163	1.8912	2.2893

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	2.4395	2.3399	.28587	-.00353	-.00022	.01056
SDev	.00022	.0584	.0016	.00025	.00172	.00129	.00061
%RSD	45.530	2.3942	.06785	.08615	48.689	582.29	5.7487
#1	-.00063	2.3982	2.3388	.28605	-.00231	-.00114	.01099
#2	-.00032	2.4808	2.3411	.28570	-.00474	.00069	.01013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.17046	-.00276	.00202	.00129	-.00260
SDev	.00018	.00000	.00053	.00033	.00291	.00231
%RSD	16.131	.00244	19.132	16.325	226.24	88.887
#1	.00123	.17046	-.00239	.00226	.00334	-.00423

#2	.00098	.17046	-.00313	.00179	-.00077	-.00097

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23112	--	--	--	--	--	--
SDev	16.26346	--	--	--	--	--	--
%RSD	.0703665	--	--	--	--	--	--
#1	23101	--	--	--	--	--	--
#2	23124	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-70950/1-b Operator: SRP
Run Time: 01/27/12 09:04:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01829	-.00140	-.00055	.00116	.00049	.03565	-.00004
SDev	.00187	.00165	.00137	.00001	.00001	.00086	.00011
%RSD	10.211	118.22	249.68	.52830	1.9304	2.4047	282.62
#1	-.01961	-.00256	-.00152	.00115	.00050	.03625	.00004
#2	-.01697	-.00023	.00042	.00116	.00048	.03504	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11005	-.00008	-.00041	.00222	.01408	-.00052	.00019
SDev	.00311	.00021	.00000	.00042	.00644	.00000	.00065
%RSD	2.8261	282.76	.68863	18.757	45.721	.91585	335.70
#1	.10785	-.00023	-.00041	.00193	.01863	-.00053	-.00026
#2	.11224	.00008	-.00041	.00252	.00953	-.00052	.00065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00180	-.04232	.00046	-.00011	-.00019	-.35291	.63666
SDev	.00254	.00093	.00003	.00044	.00024	.00935	.00102
%RSD	140.79	2.1960	6.1741	389.07	127.20	2.6485	.16085
#1	-.00360	-.04297	.00044	-.00042	-.00002	-.35952	.63738
#2	-.00001	-.04166	.00048	.00020	-.00036	-.34630	.63593

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.88916	.85769	.00006	-.00257	-.00064	.00007
SDev	.00006	.03647	.00273	.00001	.00151	.00332	.00006
%RSD	17.350	4.1018	.31814	12.324	58.794	520.74	83.909

#1	-.00031	.91495	.85961	.00006	-.00364	.00171	.00011
#2	-.00040	.86337	.85576	.00007	-.00150	-.00299	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00495	-.00119	.00088	-.00299	-.00121

SDev	.00027	.00002	.00039	.00078	.00022	.00370
%RSD	3603.8	.41619	32.675	87.820	7.4951	305.20
#1	-.00018	-.00493	-.00147	.00034	-.00315	-.00382
#2	.00020	-.00496	-.00092	.00143	-.00283	.00140

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23600	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.2307135	--	--	--	--	--	--
#1	23638	--	--	--	--	--	--
#2	23561	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49253-a-1-b Operator: SRP
Run Time: 01/27/12 09:08:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03819	-.00184	.00377	.02399	.00050	.00803	.00010
SDev	.00054	.00127	.00056	.00004	.00000	.00044	.00037
%RSD	1.4209	69.103	14.850	.16958	.05931	5.5389	365.83
#1	.03857	-.00094	.00416	.02402	.00050	.00771	-.00016
#2	.03780	-.00274	.00337	.02396	.00050	.00834	.00036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58764	.02899	.00123	.03387	20.997	-.00015	.63097
SDev	.00146	.00020	.00089	.00011	.019	.00000	.00251
%RSD	.24877	.67439	72.513	.32585	.08907	.17857	.39854
#1	.58660	.02913	.00060	.03379	20.984	-.00015	.63275
#2	.58867	.02885	.00186	.03395	21.010	-.00015	.62919

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	-.02245	.68109	.00129	.01472	-.32347	.14093
SDev	.00257	.00129	.00127	.00011	.00106	.00036	.00035
%RSD	440.47	5.7431	.18627	8.7036	7.1836	.11175	.24914
#1	.00240	-.02336	.68199	.00137	.01398	-.32372	.14118
#2	-.00123	-.02154	.68020	.00121	.01547	-.32321	.14068

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00104	.64391	.78333	.00125	-.01053	.05324	.00922
SDev	.00098	.27834	.00002	.00000	.00343	.00212	.00010

%RSD	94.164	43.226	.00209	.07253	32.549	3.9817	1.0288
#1	-.00174	.44709	.78334	.00125	-.01295	.05174	.00929
#2	-.00035	.84072	.78332	.00124	-.00810	.05474	.00915

Analysis Report 01/27/12 09:12:22 AM page 33

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00199	.10908	.63896	.62698	.00197	-.00011
SDev	.00008	.00019	.00094	.00330	.00477	.00147
%RSD	4.2406	.17908	.14774	.52634	241.66	1306.9
#1	.00205	.10922	.63963	.62931	.00535	.00093
#2	.00193	.10894	.63829	.62464	-.00140	-.00115

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24089	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1996067	--	--	--	--	--	--
#1	24123	--	--	--	--	--	--
#2	24055	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49253-a-1-c ms Operator: SRP
Run Time: 01/27/12 09:12:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9648	.94634	1.0030	.96201	.51180	.97058	.48430
SDev	.0101	.00586	.0078	.00169	.00014	.00103	.00024
%RSD	.10129	.61914	.77664	.17558	.02646	.10622	.05039
#1	9.9719	.94219	1.0085	.96321	.51189	.96985	.48413
#2	9.9576	.95048	.99746	.96082	.51170	.97131	.48447

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.243	1.0317	1.0194	1.0425	29.388	.46258	1.5660
SDev	.001	.0006	.0001	.0015	.009	.00052	.0017
%RSD	.00890	.05718	.00775	.14722	.02969	.11260	.10851
#1	10.242	1.0321	1.0193	1.0436	29.382	.46294	1.5672
#2	10.243	1.0313	1.0194	1.0414	29.394	.46221	1.5648

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0334	9.9140	1.6078	.98477	.99960	9.7837	1.0433
SDev	.0028	.0031	.0001	.00276	.00238	.0156	.0010
%RSD	.27372	.03131	.00529	.28061	.23768	.15990	.09451
#1	1.0314	9.9162	1.6078	.98281	1.0013	9.7948	1.0440
#2	1.0354	9.9118	1.6077	.98672	.99792	9.7727	1.0426

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.49747	10.321	10.365	.47072	.93301	1.0678	1.0048
SDev	.00011	.071	.010	.00075	.00463	.0018	.0006

%RSD	.02112	.68805	.10053	.15878	.49596	.17231	.05689
#1	.49754	10.271	10.372	.47124	.93628	1.0665	1.0053
#2	.49740	10.371	10.357	.47019	.92974	1.0691	1.0044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0047	1.0625	1.5884	1.5549	1.0505	1.0249
SDev	.0006	.0016	.0025	.0013	.0041	.0022
%RSD	.06420	.15301	.15639	.08406	.38626	.21604
#1	1.0051	1.0637	1.5901	1.5558	1.0476	1.0234
#2	1.0042	1.0614	1.5866	1.5539	1.0534	1.0265

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24277	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1281571	--	--	--	--	--	--
#1	24255	--	--	--	--	--	--
#2	24299	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49304-a-1-d Operator: SRP
Run Time: 01/27/12 09:16:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.567	.99568	1.0488	1.0516	.52642	1.0267	.49572
SDev	.035	.00030	.0062	.0038	.00128	.0007	.00119
%RSD	.33192	.03024	.58797	.36396	.24212	.06982	.24038
#1	10.592	.99547	1.0444	1.0544	.52732	1.0272	.49656
#2	10.543	.99590	1.0531	1.0489	.52552	1.0262	.49488

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.129	1.0311	1.0313	1.0511	9.9013	1.1057	1.0068
SDev	.226	.0011	.0021	.0036	.0393	.0042	.0033
%RSD	.25020	.10892	.20069	.34031	.39725	.38185	.32723
#1	90.289	1.0319	1.0327	1.0536	9.9291	1.1087	1.0092
#2	89.970	1.0303	1.0298	1.0486	9.8735	1.1027	1.0045

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0724	11.894	1.0383	1.0232	1.0064	13.181	1.9860
SDev	.0047	.022	.0019	.0013	.0038	.057	.0051
%RSD	.44142	.18446	.18000	.12713	.38234	.43432	.25585
#1	1.0758	11.910	1.0396	1.0242	1.0091	13.221	1.9896
#2	1.0691	11.879	1.0370	1.0223	1.0037	13.140	1.9824

Analysis Report 01/27/12 09:20:04 AM page 35

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51121	188.50	154.72	.61663	.98474	1.0417	1.0284
SDev	.00178	.49	.68	.00231	.00602	.0021	.0034
%RSD	.34811	.25751	.43756	.37385	.61094	.20112	.32702
#1	.51247	188.84	155.20	.61826	.98900	1.0432	1.0308
#2	.50996	188.15	154.24	.61500	.98049	1.0402	1.0260

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0345	1.0044	1.0222	.99916	1.0879	1.0647
SDev	.0026	.0038	.0061	.00189	.0124	.0009
%RSD	.25425	.37869	.59622	.18965	1.1358	.08663
#1	1.0364	1.0071	1.0265	1.0005	1.0966	1.0653
#2	1.0327	1.0017	1.0179	.99782	1.0791	1.0640

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23280	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1852854	--	--	--	--	--	--
#1	23249	--	--	--	--	--	--
#2	23310	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49304-a-1-d@5 Operator: SRP
Run Time: 01/27/12 09:20:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01716	.00480	.00228	.01457	.00050	.00466	.00013
SDev	.00054	.00053	.00109	.00005	.00001	.00007	.00005
%RSD	3.1559	11.137	47.976	.31753	2.4607	1.4437	34.247
#1	-.01754	.00442	.00150	.01460	.00049	.00471	.00010
#2	-.01677	.00518	.00305	.01454	.00051	.00461	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.604	.00002	-.00027	.00204	-.00696	-.00017	.00003
SDev	.039	.00007	.00036	.00010	.01042	.00002	.00003
%RSD	.24888	290.97	131.24	5.0012	149.67	14.487	97.166
#1	15.632	-.00003	-.00052	.00197	-.01433	-.00019	.00001
#2	15.577	.00007	-.00002	.00212	.00041	-.00015	.00005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.31542	.00502	.00248	-.00016	-.20630	.18255
SDev	.00007	.00202	.00000	.00070	.00110	.01362	.00040
%RSD	36.712	.64090	.02651	28.374	677.66	6.6043	.21626

Analysis Report 01/27/12 09:23:55 AM page 36

#1	.00014	.31399	.00502	.00297	-.00094	-.21593	.18283
#2	.00024	.31685	.00502	.00198	.00062	-.19666	.18227
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	28.528	26.291	.02615	-.00418	.00059	.00015
SDev	.00085	.082	.139	.00012	.00015	.00010	.00012
%RSD	238.31	.28759	.52858	.47558	3.5609	17.162	77.876
#1	-.00096	28.587	26.389	.02624	-.00429	.00052	.00023
#2	.00024	28.470	26.192	.02606	-.00408	.00066	.00007
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00041	-.00427	-.00218	.00113	-.00251	.00154	
SDev	.00026	.00016	.00199	.00103	.00031	.00026	
%RSD	63.465	3.7138	91.312	91.523	12.228	16.738	
#1	.00022	-.00438	-.00077	.00040	-.00229	.00136	
#2	.00059	-.00415	-.00358	.00186	-.00273	.00172	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23640	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0269209	--	--	--	--	--	--
#1	23644	--	--	--	--	--	--
#2	23635	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 09:23:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5935	.49722	.51110	.48777	.52675	.49424	.49638
SDev	.0014	.00316	.00241	.00024	.00031	.00128	.00071
%RSD	.05496	.63512	.47087	.04841	.05849	.25864	.14304
#1	2.5945	.49945	.51280	.48794	.52696	.49333	.49689
#2	2.5925	.49498	.50939	.48760	.52653	.49514	.49588
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.728	.51407	.51836	.51857	2.5055	.48102	.49804
SDev	.014	.00068	.00016	.00089	.0097	.00083	.00295
%RSD	.11204	.13330	.03025	.17224	.38680	.17269	.59278
#1	12.739	.51455	.51825	.51794	2.5123	.48161	.50013
#2	12.718	.51359	.51847	.51920	2.4986	.48043	.49595
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report Blank Sample 01/27/12 09:27:46 AM page 37

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52762	5.1312	.50301	.50568	.49786	12.257	.95349
SDev	.00237	.0032	.00019	.00086	.00098	.027	.00111
%RSD	.44899	.06316	.03703	.17096	.19603	.22161	.11676
#1	.52930	5.1335	.50314	.50629	.49855	12.276	.95428
#2	.52595	5.1289	.50287	.50507	.49717	12.238	.95271

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25241	12.610	12.254	.23924	.48661	.52324	.51716
SDev	.00013	.006	.030	.00019	.00468	.00545	.00039
%RSD	.05094	.04415	.24179	.07989	.96199	1.0409	.07574
#1	.25250	12.606	12.275	.23937	.48330	.51939	.51743
#2	.25232	12.614	12.233	.23910	.48992	.52709	.51688

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51707	.49068	.50634	.49389	.53062	.52618
SDev	.00028	.00041	.00611	.00137	.01188	.00239
%RSD	.05513	.08385	1.2069	.27798	2.2391	.45362
#1	.51727	.49097	.51066	.49486	.53902	.52450
#2	.51687	.49039	.50202	.49292	.52221	.52787

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23380	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.1240034	--	--	--	--	--	--
#1	23359	--	--	--	--	--	--
#2	23400	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/27/12 09:27:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00445	.00107	.00178	.00026	.00069	.00251	.00019
SDev	.00104	.00167	.00152	.00003	.00001	.00028	.00001
%RSD	23.427	156.81	85.275	11.189	1.2313	11.190	5.0093
#1	.00519	.00225	.00285	.00028	.00069	.00271	.00020
#2	.00371	-.00012	.00071	.00024	.00070	.00231	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03326	.00042	-.00027	.00242	-.00956	-.00017	.00059
SDev	.00019	.00030	.00020	.00054	.00262	.00002	.00013
%RSD	.57797	72.089	74.995	22.351	27.433	10.394	22.274

#1	.03340	.00063	-.00012	.00281	-.00770	-.00015	.00050

#2	.03313	.00021	-.00041	.00204	-.01141	-.00018	.00069

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00141	-.01624	.00024	.00209	-.00008	-.27386	.00389
SDev	.00020	.00349	.00000	.00058	.00002	.01063	.00118
%RSD	14.391	21.464	.32721	27.623	23.960	3.8825	30.314
#1	-.00127	-.01377	.00024	.00250	-.00006	-.26634	.00473
#2	-.00155	-.01870	.00025	.00168	-.00009	-.28138	.00306

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	-.10768	-.00539	.00009	-.00121	-.00103	.00033
SDev	.00021	.06944	.00078	.00001	.00308	.00046	.00009
%RSD	73.192	64.485	14.415	10.456	254.93	44.603	28.142
#1	-.00014	-.05858	-.00484	.00009	.00097	-.00071	.00040
#2	-.00044	-.15678	-.00594	.00010	-.00338	-.00136	.00026

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	-.00682	-.00294	.00236	-.00310	-.00056
SDev	.00008	.00013	.00066	.00053	.00395	.00167
%RSD	10.797	1.9432	22.448	22.382	127.45	296.32
#1	.00072	-.00691	-.00247	.00198	-.00031	-.00175
#2	.00084	-.00673	-.00340	.00273	-.00590	.00062

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23758	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.2410845	--	--	--	--	--	--
#1	23798	--	--	--	--	--	--
#2	23717	--	--	--	--	--	--

Analysis Report 01/27/12 09:37:08 AM page 1

Method: 20076010 Sample Name: mb 600-70936/1-a Operator: SRP
Run Time: 01/27/12 09:33:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01240	.00149	.00190	.00094	.00050	.00060	.00011
SDev	.00012	.00291	.00009	.00002	.00001	.00027	.00016
%RSD	.94826	194.44	4.9107	2.4827	1.1819	45.081	149.84
#1	-.01232	-.00056	.00197	.00092	.00050	.00041	-.00001
#2	-.01248	.00355	.00184	.00096	.00049	.00080	.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05059	.00036	-.00048	.03714	-.00309	-.00029	.00075
SDev	.00017	.00012	.00015	.00013	.01803	.00000	.00047
%RSD	.33647	33.369	32.467	.34033	584.17	.97227	62.949

#1	.05072	.00045	-.00037	.03723	.00967	-.00029	.00042
#2	.05047	.00028	-.00058	.03705	-.01584	-.00029	.00109

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00212	-.02706	.00044	.00030	.00092	-.22081	.00920
SDev	.00249	.00063	.00000	.00015	.00057	.00172	.00059
%RSD	117.16	2.3445	.41810	47.905	61.934	.78105	6.4503

#1	-.00388	-.02661	.00044	.00020	.00133	-.21959	.00962
#2	-.00036	-.02750	.00044	.00041	.00052	-.22203	.00878

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	-.01823	.00454	.00004	-.00296	.03254	.00015
SDev	.00040	.10332	.00102	.00000	.00042	.00118	.00001
%RSD	240.01	566.77	22.546	2.9739	14.190	3.6160	8.9155

#1	.00012	.05483	.00527	.00004	-.00267	.03338	.00014
#2	-.00045	-.09129	.00382	.00004	-.00326	.03171	.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00783	-.00012	.00119	-.00768	.00065
SDev	.00018	.00027	.00058	.00100	.00613	.00067
%RSD	240.18	3.4864	499.70	84.176	79.839	102.41

#1	.00020	.00764	.00029	.00048	-.01201	.00018
#2	-.00005	.00802	-.00052	.00189	-.00334	.00113

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23464	--	--	--	--	--	--
SDev	86.97414	--	--	--	--	--	--
%RSD	.3706626	--	--	--	--	--	--

#1	23403	--	--	--	--	--	--
#2	23526	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70936/2-a Operator: SRP
Run Time: 01/27/12 09:37:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.491	.68530	1.4177	2.6420	1.5989	.81089	.65331
SDev	.055	.00120	.0064	.0029	.0009	.00049	.00066
%RSD	.06179	.17471	.44859	.10932	.05418	.06097	.10100

#1	88.530	.68446	1.4132	2.6441	1.5983	.81124	.65378
#2	88.452	.68615	1.4222	2.6400	1.5995	.81054	.65284

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	93.667	1.0376	1.4255	1.1117	173.71	.08981	1.4109
SDev	.016	.0003	.0017	.0014	.10	.00006	.0001
%RSD	.01749	.02664	.12042	.12355	.05568	.06505	.00746
#1	93.656	1.0374	1.4267	1.1127	173.78	.08985	1.4108
#2	93.679	1.0378	1.4243	1.1107	173.64	.08977	1.4109

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9595	42.102	5.1419	.86517	1.2187	51.283	9.4968
SDev	.0056	.014	.0019	.00014	.0073	.035	.0032
%RSD	.28430	.03316	.03604	.01639	.60309	.06868	.03352
#1	1.9555	42.112	5.1432	.86527	1.2239	51.258	9.4991
#2	1.9634	42.092	5.1406	.86507	1.2135	51.308	9.4946

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47519	3.9312	6.9440	2.2794	1.5075	1.6906	4.1232
SDev	.00016	.0199	.0019	.0024	.0012	.0024	.0002
%RSD	.03389	.50667	.02735	.10728	.07976	.13913	.00482
#1	.47508	3.9452	6.9427	2.2811	1.5067	1.6923	4.1233
#2	.47531	3.9171	6.9453	2.2776	1.5084	1.6889	4.1230

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64996	2.1266	1.4198	1.4064	1.9805	1.9490
SDev	.00013	.0010	.0041	.0022	.0063	.0115
%RSD	.01959	.04714	.28583	.15551	.31652	.58956
#1	.65005	2.1273	1.4227	1.4049	1.9849	1.9408
#2	.64987	2.1259	1.4169	1.4079	1.9761	1.9571

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/27/12 09:41:00 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25182	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1881387	--	--	--	--	--	--
#1	25148	--	--	--	--	--	--
#2	25215	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49193-a-18-b Operator: SRP
Run Time: 01/27/12 09:41:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	153.32	.00522	.06926	1.3011	.00973	.05672	.00823
SDev	.61	.00104	.00415	.0044	.00004	.00098	.00028
%RSD	.39648	19.879	5.9928	.33751	.44005	1.7218	3.4191
#1	152.89	.00596	.07220	1.2979	.00976	.05742	.00843
#2	153.75	.00449	.06633	1.3042	.00970	.05603	.00803

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1126.6	.15626	.07254	.21172	118.24	.08933	.20739
SDev	.8	.00040	.00006	.00002	.10	.00048	.00192
%RSD	.06736	.25760	.08750	.00992	.08549	.53671	.92763
#1	1127.1	.15654	.07259	.21170	118.17	.08900	.20603
#2	1126.0	.15597	.07250	.21173	118.31	.08967	.20875

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00351	25.023	6.4221	.00466	.17615	22.158	13.479
SDev	.00150	.016	.0065	.00108	.00031	.164	.029
%RSD	42.613	.06233	.10177	23.114	.17386	.74005	.21384
#1	.00457	25.012	6.4175	.00542	.17637	22.042	13.459
#2	.00245	25.034	6.4267	.00390	.17593	22.274	13.500

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00117	1.5964	1.8803	3.7471	-.02573	.03867	.21505
SDev	.00012	.0819	.0098	.0105	.00226	.00090	.00009
%RSD	10.116	5.1284	.52129	.27915	8.7882	2.3368	.04349
#1	-.00109	1.6543	1.8733	3.7397	-.02413	.03930	.21498
#2	-.00125	1.5385	1.8872	3.7545	-.02733	.03803	.21511

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31580	.99112	.17299	.22459	-.00335	.00694
SDev	.00040	.00109	.00715	.00069	.00505	.00477
%RSD	.12691	.11030	4.1331	.30687	150.64	68.702
#1	.31609	.99035	.16793	.22507	-.00693	.01032

#2	.31552	.99189	.17804	.22410	.00022	.00357

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25301	--	--	--	--	--	--
SDev	94.75231	--	--	--	--	--	--
%RSD	.3745002	--	--	--	--	--	--
#1	25368	--	--	--	--	--	--
#2	25234	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49193-a-19-b Operator: SRP
Run Time: 01/27/12 09:44:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	131.62	-.00014	.05775	1.1106	.00825	.07381	.00810
SDev	.08	.00055	.00093	.0011	.00001	.00034	.00019
%RSD	.06037	407.19	1.6051	.10219	.09826	.45668	2.3401

#1	131.57	-.00053	.05840	1.1097	.00826	.07357	.00823
#2	131.68	.00025	.05709	1.1114	.00825	.07405	.00796

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1497.0	.12385	.05845	.19828	108.27	.08942	.15165
SDev	2.5	.00027	.00052	.00017	.01	.00001	.00097
%RSD	.16706	.21934	.89888	.08497	.00624	.01189	.64096

#1	1498.8	.12404	.05882	.19840	108.27	.08941	.15097
#2	1495.2	.12365	.05808	.19816	108.28	.08943	.15234

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01341	24.594	5.6930	.00157	.14962	19.837	13.885
SDev	.00003	.005	.0008	.00065	.00020	.010	.006
%RSD	.18851	.01985	.01398	41.429	.13550	.05159	.04359

#1	.01343	24.591	5.6925	.00111	.14948	19.844	13.881
#2	.01339	24.598	5.6936	.00203	.14976	19.830	13.889

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	2.2280	2.6744	6.1454	-.02780	.03764	.17586
SDev	.00035	.0164	.0025	.0035	.00184	.00065	.00001
%RSD	31.028	.73483	.09224	.05677	6.6206	1.7250	.00667

#1	-.00088	2.2164	2.6727	6.1430	-.02910	.03718	.17587
#2	-.00138	2.2395	2.6762	6.1479	-.02650	.03810	.17585

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30251	.63120	.12490	.16503	.01983	.01020

SDev	.00023	.00066	.00093	.00192	.00224	.00108
%RSD	.07479	.10441	.74155	1.1641	11.318	10.628

#1	.30235	.63073	.12556	.16367	.02141	.00943
#2	.30267	.63167	.12425	.16639	.01824	.01097

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24432	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1823298	--	--	--	--	--	--

#1	24401	--	--	--	--	--	--
#2	24464	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49193-a-20-b Operator: SRP
Run Time: 01/27/12 09:48:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58588	.00044	.00361	.02527	.00050	.03858	.00045
SDev	.00156	.00038	.00212	.00002	.00001	.00006	.00011

%RSD	.26598	87.102	58.727	.09635	1.7175	.14700	24.487
#1	.58698	.00017	.00211	.02529	.00050	.03862	.00053
#2	.58478	.00072	.00511	.02526	.00049	.03854	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.086	.00211	.00011	.18254	2.4298	.00006	.00198
SDev	.002	.00019	.00060	.00005	.0210	.00001	.00056
%RSD	.01209	8.8556	547.38	.02574	.86395	11.639	28.087
#1	20.087	.00197	.00053	.18257	2.4447	.00007	.00238
#2	20.084	.00224	-.00031	.18251	2.4150	.00006	.00159

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.32829	.19694	.00079	.00273	.13093	.88669
SDev	.00106	.00027	.00007	.00000	.00010	.00480	.00347
%RSD	181.88	.08258	.03622	.25948	3.6354	3.6653	.39101
#1	.00134	.32810	.19700	.00079	.00280	.13432	.88914
#2	-.00017	.32849	.19689	.00079	.00266	.12753	.88424

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	4.1817	3.8917	.05464	-.00499	.03284	.00946
SDev	.00028	.0010	.0153	.00002	.00206	.00179	.00001
%RSD	130.45	.02499	.39278	.03446	41.220	5.4498	.07761
#1	-.00002	4.1824	3.8808	.05463	-.00644	.03157	.00945
#2	-.00041	4.1809	3.9025	.05466	-.00353	.03411	.00946

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	.12913	.00074	.00261	-.00490	.00333
SDev	.00018	.00022	.00031	.00068	.00344	.00012
%RSD	11.398	.16885	42.580	26.041	70.133	3.7062
#1	.00173	.12897	.00096	.00309	-.00247	.00324
#2	.00147	.12928	.00051	.00213	-.00733	.00341

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23266	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.2036326	--	--	--	--	--	--
#1	23232	--	--	--	--	--	--
#2	23299	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49270-a-2-a Operator: SRP
Run Time: 01/27/12 09:52:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	82.942	.00605	.02900	1.7834	.01017	.02612	.00539
SDev	.019	.00015	.00118	.0011	.00001	.00031	.00001
%RSD	.02239	2.5645	4.0826	.05990	.08761	1.1863	.19065
#1	82.929	.00616	.02983	1.7842	.01017	.02590	.00538
#2	82.955	.00594	.02816	1.7827	.01016	.02634	.00540

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	120.80	.09951	.02940	.33101	69.824	.03877	.58890
SDev	.01	.00001	.00001	.00009	.024	.00003	.00028
%RSD	.00737	.01060	.03450	.02554	.03386	.08747	.04678
#1	120.79	.09951	.02941	.33107	69.841	.03879	.58909
#2	120.80	.09950	.02939	.33095	69.808	.03874	.58870

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00121	9.8863	.78752	.01257	.05432	3.1010	9.6952
SDev	.00158	.0076	.00037	.00117	.00013	.0035	.0042
%RSD	130.83	.07721	.04650	9.3393	.24183	.11381	.04354
#1	-.00232	9.8917	.78726	.01174	.05423	3.1035	9.6922
#2	-.00009	9.8809	.78778	.01340	.05441	3.0985	9.6981

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	.92977	.96853	.46484	-.01719	.04774	.15860
SDev	.00011	.08739	.00184	.00016	.00018	.00073	.00009

%RSD	19.244	9.3995	.18942	.03559	1.0598	1.5314	.05891
#1	-.00067	.99157	.96983	.46496	-.01732	.04825	.15866
#2	-.00051	.86797	.96724	.46473	-.01706	.04722	.15853

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24146	1.4619	.58417	.59126	-.00926	.00282
SDev	.00019	.0014	.00054	.00014	.00100	.00187
%RSD	.07924	.09513	.09287	.02400	10.749	66.223
#1	.24132	1.4629	.58456	.59136	-.00996	.00150
#2	.24159	1.4609	.58379	.59116	-.00856	.00414

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25522	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1634673	--	--	--	--	--	--
#1	25492	--	--	--	--	--	--
#2	25551	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49270-a-3-a Operator: SRP
Run Time: 01/27/12 09:56:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.244	.00914	.02287	2.4929	.00807	.02175	.00270
SDev	.056	.00058	.00199	.0015	.00003	.00047	.00002
%RSD	.06059	6.3897	8.6890	.06210	.42745	2.1774	.57576
#1	92.205	.00873	.02428	2.4918	.00805	.02142	.00269
#2	92.284	.00955	.02147	2.4940	.00810	.02209	.00271

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	772.59	.09508	.02179	.11419	65.027	.08146	6.0671
SDev	.29	.00003	.00007	.00007	.055	.00001	.0053
%RSD	.03734	.03660	.33371	.06426	.08509	.01430	.08706
#1	772.39	.09511	.02174	.11424	64.988	.08145	6.0633
#2	772.79	.09506	.02184	.11414	65.066	.08147	6.0708

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00533	30.998	2.0032	.00162	.04985	6.7917	11.029
SDev	.00010	.025	.0017	.00015	.00030	.0042	.010
%RSD	1.7925	.08222	.08301	9.1797	.60597	.06228	.09219
#1	-.00540	30.980	2.0020	.00151	.05006	6.7946	11.022
#2	-.00527	31.016	2.0044	.00172	.04964	6.7887	11.037

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00122	6.0265	6.6246	2.0473	-.01811	.13204	.19828
SDev	.00000	.0646	.0055	.0013	.00015	.00085	.00029
%RSD	.04024	1.0713	.08316	.06563	.82348	.64085	.14451
#1	-.00122	5.9808	6.6207	2.0464	-.01800	.13264	.19808
#2	-.00122	6.0721	6.6285	2.0483	-.01821	.13145	.19848

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17859	.32666	6.1680	6.0166	-.00479	-.00561
SDev	.00003	.00061	.0042	.0058	.00118	.00074
%RSD	.01477	.18586	.06793	.09686	24.732	13.124
#1	.17857	.32623	6.1651	6.0125	-.00395	-.00613
#2	.17861	.32709	6.1710	6.0207	-.00563	-.00509

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23230	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0365272	--	--	--	--	--	--
#1	23224	--	--	--	--	--	--
#2	23236	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49270-a-3-b du Operator: SRP
Run Time: 01/27/12 10:00:18
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.871	.01357	.02693	1.7134	.00789	.02059	.00422
SDev	.005	.00078	.00056	.0017	.00001	.00000	.00002
%RSD	.00538	5.7462	2.0875	.10033	.05966	.00311	.40453
#1	88.874	.01302	.02733	1.7146	.00790	.02059	.00420
#2	88.867	.01412	.02653	1.7122	.00789	.02059	.00423

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	876.23	.09626	.02405	.10078	113.61	.08045	5.3838
SDev	.36	.00028	.00010	.00007	.00	.00000	.0065
%RSD	.04087	.29545	.40458	.07390	.00104	.00042	.12107
#1	875.98	.09606	.02398	.10083	113.61	.08045	5.3791
#2	876.49	.09646	.02412	.10073	113.61	.08045	5.3884

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00479	29.028	1.6943	.00178	.05243	6.4186	11.272
SDev	.00086	.000	.0000	.00003	.00007	.0023	.001
%RSD	17.947	.00010	.00232	1.8286	.14055	.03612	.01222

#1	-.00540	29.028	1.6943	.00180	.05248	6.4202	11.271
#2	-.00418	29.028	1.6943	.00175	.05238	6.4170	11.273

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00142	7.6517	8.4745	2.5967	-.02418	.61692	.19558
SDev	.00019	.0080	.0036	.0017	.00098	.00147	.00014
%RSD	13.368	.10498	.04303	.06706	4.0672	.23844	.07158
#1	-.00156	7.6573	8.4771	2.5979	-.02488	.61588	.19548
#2	-.00129	7.6460	8.4719	2.5954	-.02349	.61796	.19568

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18927	.38474	5.4713	5.3400	-.00543	-.00447
SDev	.00025	.00028	.0016	.0090	.00132	.00195
%RSD	.13357	.07285	.02900	.16823	24.358	43.653
#1	.18909	.38493	5.4702	5.3336	-.00450	-.00585
#2	.18945	.38454	5.4724	5.3463	-.00637	-.00309

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22874	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.1081983	--	--	--	--	--	--
#1	22856	--	--	--	--	--	--
#2	22891	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49270-a-3-c ms Operator: SRP

Run Time: 01/27/12 10:04:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	155.47	.33702	.97407	2.1843	.50569	.65858	.45345
SDev	.45	.00432	.00045	.0077	.00157	.00228	.00186
%RSD	.29152	1.2818	.04650	.35430	.31128	.34597	.40898
#1	155.79	.33397	.97375	2.1898	.50681	.66019	.45476
#2	155.15	.34008	.97439	2.1788	.50458	.65697	.45214

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	910.41	1.1034	.97566	1.4396	201.03	.70167	25.432
SDev	3.00	.0042	.00346	.0059	.69	.00216	.082
%RSD	.32930	.37683	.35432	.41211	.34159	.30771	.32420
#1	912.53	1.1064	.97810	1.4438	201.52	.70319	25.491
#2	908.29	1.1005	.97321	1.4354	200.55	.70014	25.374

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92967	44.607	2.7682	.85661	.95147	21.501	14.174
SDev	.00451	.161	.0090	.00491	.00248	.037	.046
%RSD	.48529	.36184	.32485	.57328	.26071	.17385	.32349
#1	.93286	44.722	2.7746	.86008	.95322	21.528	14.207
#2	.92648	44.493	2.7619	.85314	.94971	21.475	14.142

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51164	20.765	22.711	3.2356	.86101	.95739	.61962
SDev	.00143	.186	.060	.0138	.00060	.00548	.00209
%RSD	.28027	.89511	.26587	.42688	.06962	.57218	.33704
#1	.51266	20.896	22.754	3.2454	.86143	.96126	.62109
#2	.51063	20.633	22.669	3.2259	.86059	.95351	.61814

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1876	1.6633	25.801	25.248	.93816	.92542
SDev	.0039	.0063	.096	.076	.01583	.00115
%RSD	.33041	.37940	.37149	.30004	1.6874	.12403
#1	1.1903	1.6678	25.868	25.302	.94935	.92461
#2	1.1848	1.6588	25.733	25.195	.92696	.92623

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23076	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.4749694	--	--	--	--	--	--
#1	22998	--	--	--	--	--	--

#2	23153	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49270-a-3-d msd Operator: SRP
Run Time: 01/27/12 10:08:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	158.73	.31739	.93522	2.6003	.49098	.60789	.43758
SDev	.26	.00445	.00520	.0021	.00065	.00282	.00027
%RSD	.16618	1.4004	.55637	.08054	.13169	.46459	.06258
#1	158.54	.31425	.93154	2.5988	.49053	.60589	.43777
#2	158.92	.32053	.93890	2.6018	.49144	.60989	.43739

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	640.27	1.0506	.94176	1.3992	113.43	.66655	5.2139
SDev	.90	.0011	.00055	.0013	.14	.00091	.0128
%RSD	.14072	.10899	.05818	.09337	.12245	.13590	.24546

#1	639.64	1.0498	.94137	1.3983	113.33	.66591	5.2049
#2	640.91	1.0515	.94215	1.4002	113.53	.66719	5.2230

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90330	45.331	2.2421	.82576	.91391	20.819	13.884
SDev	.00968	.065	.0022	.00119	.00232	.034	.017
%RSD	1.0714	.14433	.10030	.14390	.25374	.16303	.12096
#1	.89645	45.285	2.2405	.82492	.91555	20.795	13.872
#2	.91014	45.377	2.2437	.82660	.91227	20.843	13.896

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48960	16.549	17.925	2.3398	.85119	1.1672	.58201
SDev	.00026	.034	.028	.0025	.00160	.0038	.00078
%RSD	.05419	.20680	.15803	.10844	.18801	.32196	.13417
#1	.48978	16.573	17.905	2.3380	.85232	1.1645	.58146
#2	.48941	16.525	17.945	2.3416	.85006	1.1698	.58256

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1516	1.3296	5.2789	5.1814	.91085	.89952
SDev	.0021	.0002	.0097	.0143	.01255	.00824
%RSD	.18167	.01517	.18386	.27684	1.3778	.91634
#1	1.1501	1.3295	5.2721	5.1712	.90197	.89369
#2	1.1531	1.3298	5.2858	5.1915	.91972	.90535

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23419	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--

%RSD	.0603874	--	--	--	--	--	--
#1	23409	--	--	--	--	--	--
#2	23429	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 10:11:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6162	.50240	.51992	.48667	.53366	.49575	.50059
SDev	.0050	.00219	.00250	.00100	.00105	.00150	.00098
%RSD	.19236	.43606	.48080	.20467	.19654	.30342	.19591
#1	2.6127	.50085	.52168	.48597	.53440	.49681	.50129
#2	2.6198	.50395	.51815	.48738	.53292	.49469	.49990

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.853	.51983	.52333	.51966	2.5555	.48148	.50344
SDev	.044	.00132	.00018	.00081	.0090	.00083	.00049
%RSD	.34219	.25336	.03454	.15532	.35036	.17213	.09766
#1	12.884	.52076	.52346	.51909	2.5618	.48089	.50379
#2	12.822	.51890	.52320	.52024	2.5492	.48206	.50310

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53153	5.1792	.50796	.51212	.49004	12.317	.99315
SDev	.00188	.0120	.00085	.00278	.00018	.013	.00999
%RSD	.35347	.23222	.16644	.54359	.03730	.10752	1.0055
#1	.53020	5.1877	.50856	.51409	.48991	12.308	1.0002
#2	.53286	5.1707	.50737	.51015	.49017	12.326	.98609

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25274	12.558	12.250	.23799	.48547	.53194	.52248
SDev	.00004	.024	.026	.00053	.00349	.00116	.00002
%RSD	.01497	.19407	.20850	.22260	.71981	.21869	.00378
#1	.25272	12.540	12.232	.23761	.48794	.53277	.52246
#2	.25277	12.575	12.268	.23836	.48299	.53112	.52249

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52162	.49100	.51085	.49974	.53383	.53044
SDev	.00089	.00027	.00050	.00099	.00040	.00262
%RSD	.17101	.05441	.09804	.19767	.07561	.49322
#1	.52225	.49119	.51050	.50044	.53354	.52859
#2	.52099	.49081	.51120	.49904	.53411	.53229

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	23772	--	--	--	--	--	--
SDev	.7071068	--	--	--	--	--	--
%RSD	.0029745	--	--	--	--	--	--
#1	23773	--	--	--	--	--	--
#2	23772	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/27/12 10:15:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01153	.00209	.00402	.00051	.00086	.00228	.00034
SDev	.00031	.00081	.00065	.00004	.00005	.00034	.00007

%RSD	2.6606	38.733	16.101	8.2334	6.2915	15.158	19.236
#1	.01175	.00152	.00448	.00054	.00090	.00203	.00039
#2	.01131	.00266	.00357	.00048	.00082	.00252	.00030

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04555	.00028	.00017	.00193	-.00993	-.00013	.00042
SDev	.00296	.00016	.00023	.00009	.00586	.00003	.00031
%RSD	6.5025	57.579	138.85	4.6324	59.052	25.299	74.082
#1	.04764	.00039	.00000	.00200	-.01407	-.00011	.00063
#2	.04345	.00016	.00033	.00187	-.00578	-.00015	.00020

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	-.02062	.00046	.00271	.00057	-.34280	.01007
SDev	.00210	.00093	.00005	.00054	.00035	.00777	.00122
%RSD	114.19	4.5177	11.302	19.920	62.050	2.2679	12.130
#1	.00035	-.01996	.00050	.00309	.00082	-.33731	.01093
#2	.00332	-.02127	.00042	.00233	.00032	-.34830	.00921

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	-.13853	-.00604	.00017	.00365	-.00024	.00053
SDev	.00000	.04065	.00130	.00004	.00090	.00035	.00010
%RSD	.12208	29.342	21.598	21.522	24.702	147.62	18.029
#1	-.00047	-.10979	-.00512	.00020	.00429	-.00049	.00059
#2	-.00047	-.16727	-.00696	.00015	.00301	.00001	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	-.00749	-.00311	.00218	-.00193	.00372
SDev	.00009	.00003	.00127	.00017	.00157	.00394
%RSD	14.019	.39666	40.856	7.9795	81.322	105.66
#1	.00071	-.00746	-.00221	.00206	-.00082	.00094
#2	.00059	-.00751	-.00401	.00230	-.00304	.00651

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24271	--	--	--	--	--	--
SDev	22.62742	--	--	--	--	--	--
%RSD	.0932282	--	--	--	--	--	--
#1	24287	--	--	--	--	--	--
#2	24255	--	--	--	--	--	--

Analysis Report 01/27/12 10:24:12 AM page 1

Method: 20076010 Sample Name: 600-49341-a-1-a@10 Operator: SRP
Run Time: 01/27/12 10:20:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53196	.01379	.02024	.05713	.00185	.00255	.00352
SDev	.00019	.00226	.00034	.00010	.00001	.00052	.00008
%RSD	.03548	16.410	1.6585	.17515	.43776	20.315	2.2151
#1	.53183	.01539	.02048	.05720	.00184	.00291	.00358
#2	.53209	.01219	.02001	.05706	.00185	.00218	.00347

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0787	.02705	.00212	457.29	14.989	.00010	.52921
SDev	.0125	.00012	.00012	.91	.034	.00002	.00022
%RSD	.24666	.45233	5.7349	.19901	.22810	25.135	.04139
#1	5.0876	.02697	.00220	457.93	15.014	.00008	.52936
#2	5.0698	.02714	.00203	456.64	14.965	.00011	.52905

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00348	2.5547	.09219	.00658	.13599	-.10537	.27949
SDev	.00539	.0069	.00019	.00041	.00026	.00923	.00010
%RSD	154.97	.27001	.20390	6.2910	.18944	8.7559	.03722
#1	-.00033	2.5596	.09232	.00629	.13618	-.09885	.27942
#2	.00730	2.5498	.09205	.00687	.13581	-.11190	.27956

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05786	14.676	.14298	.00313	-.00347	.55885	.02578
SDev	.00052	.145	.00112	.00001	.00087	.00062	.00006
%RSD	.89089	.98982	.78012	.32363	25.209	.11052	.21774
#1	.05822	14.778	.14377	.00312	-.00285	.55841	.02582
#2	.05749	14.573	.14220	.00314	-.00408	.55929	.02574

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00367	43.253	.53637	.52562	.00392	.00326
SDev	.00008	.155	.00115	.00025	.00049	.00834
%RSD	2.2003	.35890	.21492	.04715	12.405	255.55
#1	.00361	43.362	.53718	.52545	.00426	-.00263
#2	.00373	43.143	.53555	.52580	.00358	.00916

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23871	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.3199176	--	--	--	--	--	--

Analysis Report 01/27/12 10:24:12 AM page 2

#1	23817	--	--	--	--	--	--
#2	23925	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49341-a-2-a@10 Operator: SRP
Run Time: 01/27/12 10:24:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35564	-.00192	.00448	.01600	.00044	.00088	.00002
SDev	.00128	.00090	.00101	.00003	.00000	.00005	.00005
%RSD	.35977	46.512	22.638	.17115	.59578	5.9759	296.33
#1	.35655	-.00256	.00520	.01602	.00044	.00084	-.00002
#2	.35474	-.00129	.00376	.01598	.00044	.00091	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53092	.00065	.00011	.04762	.41489	-.00030	.00032
SDev	.00038	.00000	.00023	.00878	.00128	.00002	.00033
%RSD	.07253	.04143	203.16	18.448	.30886	5.7194	102.31
#1	.53119	.00065	-.00005	.05383	.41580	-.00028	.00055
#2	.53065	.00065	.00028	.04141	.41398	-.00031	.00009

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	1.0730	.01124	.00006	.00030	-.43959	.25799
SDev	.00182	.0022	.00003	.00006	.00052	.00078	.00154
%RSD	144.59	.20150	.26644	88.445	170.65	.17659	.59606
#1	.00255	1.0745	.01121	.00010	.00067	-.43904	.25908
#2	-.00003	1.0714	.01126	.00002	-.00006	-.44014	.25690

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.07329	.12539	.00180	-.00151	.00430	.00139
SDev	.00000	.06360	.00121	.00000	.00164	.00037	.00005
%RSD	.03784	86.779	.96664	.18040	108.60	8.6631	3.2412
#1	-.00026	.02832	.12453	.00179	-.00035	.00404	.00142
#2	-.00026	.11826	.12625	.00180	-.00268	.00456	.00136

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00269	.01830	-.00183	.00140	.00469	-.00045
SDev	.00026	.00334	.00064	.00081	.00752	.00103
%RSD	9.5809	18.260	34.816	58.142	160.46	226.49

#1	.00287	.02066	-.00228	.00197	.01001	-.00118
#2	.00251	.01594	-.00138	.00082	-.00063	.00027

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/27/12 10:28:03 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24336	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0319623	--	--	--	--	--	--
#1	24341	--	--	--	--	--	--
#2	24330	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49341-a-3-a@10 Operator: SRP
Run Time: 01/27/12 10:28:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	-.00164	.00284	.05567	.00041	.12415	.00010
SDev	.00133	.00019	.00064	.00010	.00001	.00131	.00010
%RSD	171.94	11.385	22.498	.17054	2.2399	1.0562	103.91
#1	-.00171	-.00150	.00239	.05573	.00041	.12508	.00017
#2	.00017	-.00177	.00330	.05560	.00040	.12322	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25531	.00010	.00001	.00721	.02061	.00018	-.00017
SDev	.00094	.00005	.00015	.00012	.00416	.00001	.00054
%RSD	.36725	47.186	1320.5	1.6690	20.186	4.1353	323.40
#1	.25598	.00013	-.00010	.00712	.01766	.00019	.00021
#2	.25465	.00006	.00012	.00729	.02355	.00017	-.00055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	-.04361	.00062	.00026	-.00001	-.46802	.02066
SDev	.00121	.00024	.00003	.00017	.00016	.00263	.00097
%RSD	110.94	.55688	4.1217	64.675	2539.9	.56199	4.6813
#1	.00024	-.04344	.00060	.00014	-.00012	-.46988	.02134
#2	.00195	-.04378	.00064	.00038	.00010	-.46616	.01997

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	-.07570	-.01249	.00515	-.00424	.00635	.00013
SDev	.00003	.02971	.00002	.00000	.00208	.00135	.00007
%RSD	7.2243	39.245	.12391	.08197	49.000	21.268	54.723
#1	-.00038	-.05469	-.01250	.00515	-.00571	.00540	.00019
#2	-.00042	-.09671	-.01248	.00515	-.00277	.00731	.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00032	.00208	-.00253	.00101	.00153	.00088
SDev	.00017	.00016	.00074	.00044	.00303	.00334
%RSD	52.885	7.6933	29.098	43.518	198.36	380.37
#1	.00044	.00219	-.00201	.00133	.00367	-.00148

#2	.00020	.00196	-.00305	.00070	-.00062	.00324

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24546	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.0604968	--	--	--	--	--	--
#1	24535	--	--	--	--	--	--
#2	24556	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49341-a-4-a@10 Operator: SRP
Run Time: 01/27/12 10:31:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.556	-.00106	.00514	.02894	.00181	.08403	.00015
SDev	.155	.00036	.00117	.00011	.00001	.00007	.00001
%RSD	.65984	33.463	22.816	.38671	.46086	.08893	7.3071
#1	23.666	-.00081	.00596	.02902	.00181	.08409	.00015
#2	23.446	-.00131	.00431	.02886	.00180	.08398	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.297	.00999	.00087	.16980	3.9445	.03235	.00162
SDev	.337	.00023	.00039	.00020	.0014	.00027	.00039
%RSD	.35725	2.3422	44.233	.12015	.03436	.84628	24.298
#1	94.535	.00983	.00060	.16994	3.9455	.03254	.00134
#2	94.059	.01016	.00114	.16966	3.9436	.03215	.00190

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00195	1.1980	.26580	.00039	.00092	6.6648	.81918
SDev	.00026	.0073	.00111	.00022	.00029	.0578	.00552
%RSD	13.098	.61068	.41567	57.865	31.111	.86723	.67347
#1	.00213	1.2032	.26658	.00023	.00072	6.7057	.82309
#2	.00177	1.1929	.26502	.00055	.00112	6.6240	.81528

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	15.403	15.188	.21410	-.00282	.00459	.39621
SDev	.00024	.049	.111	.00121	.00053	.00163	.00138
%RSD	175.32	.31867	.73364	.56478	18.785	35.436	.34772
#1	-.00031	15.438	15.267	.21496	-.00245	.00574	.39719
#2	.00003	15.369	15.110	.21325	-.00320	.00344	.39524

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00357	.00402	-.00409	.00448	.00494	.00046

SDev	.00024	.00014	.00013	.00066	.00076	.00001
%RSD	6.7443	3.3567	3.2827	14.688	15.278	1.2648
#1	.00340	.00412	-.00400	.00401	.00548	.00046
#2	.00374	.00393	-.00419	.00494	.00441	.00045

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24188	--	--	--	--	--	--
SDev	153.4422	--	--	--	--	--	--
%RSD	.6343600	--	--	--	--	--	--
#1	24080	--	--	--	--	--	--
#2	24297	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49341-a-5-a@10 Operator: SRP
Run Time: 01/27/12 10:35:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42854	.00336	.01304	.01758	.00297	.00163	.00271
SDev	.00481	.00204	.00147	.00004	.00003	.00005	.00016
%RSD	1.1215	60.746	11.318	.22506	.83521	3.0896	6.0290
#1	.43194	.00192	.01199	.01761	.00299	.00167	.00282
#2	.42514	.00481	.01408	.01755	.00296	.00160	.00259

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32824	.12826	.01268	458.79	99.245	-.00008	.60246
SDev	.00297	.00047	.00003	1.43	.315	.00005	.00563
%RSD	.90535	.36967	.21002	.31076	.31743	59.857	.93411
#1	.33034	.12859	.01270	459.80	99.468	-.00011	.60643
#2	.32614	.12792	.01266	457.79	99.022	-.00005	.59848

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00232	.20957	1.0546	.01678	.21847	-.38364	.46535
SDev	.00061	.00122	.0035	.00031	.00004	.00620	.00014
%RSD	26.438	.58289	.32841	1.8438	.01754	1.6159	.03095
#1	-.00188	.20871	1.0570	.01656	.21850	-.37926	.46546
#2	-.00275	.21043	1.0521	.01700	.21844	-.38802	.46525

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03878	14.138	.13450	.00187	-.01662	.55914	.47506
SDev	.00012	.127	.00199	.00001	.00131	.00189	.00143
%RSD	.30091	.89544	1.4799	.26815	7.8537	.33847	.30119
#1	.03886	14.227	.13591	.00188	-.01570	.56048	.47607

#2	.03870	14.048	.13309	.00187	-.01754	.55780	.47405

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01675	42.176	.60811	.59963	.00189	-.00442
SDev	.00012	.145	.00260	.00714	.00057	.00063
%RSD	.72431	.34316	.42792	1.1908	30.288	14.295
#1	.01683	42.279	.60995	.60467	.00230	-.00397
#2	.01666	42.074	.60627	.59458	.00149	-.00487

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23936	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.2245159	--	--	--	--	--	--
#1	23898	--	--	--	--	--	--
#2	23974	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49349-a-1-a Operator: SRP
Run Time: 01/27/12 10:39:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00438	-.01066	.02551	.00318	.00037	.00159	-.00013
SDev	.00392	.00364	.00101	.00003	.00001	.00008	.00000
%RSD	89.384	34.114	3.9465	.80997	3.4244	5.1122	.40293
#1	-.00715	-.01323	.02622	.00316	.00038	.00165	-.00013
#2	-.00161	-.00809	.02480	.00320	.00036	.00154	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46605	.03051	.46727	.66921	.13320	-.00071	.00195
SDev	.00217	.00027	.00018	.01268	.00272	.00004	.00023
%RSD	.46597	.87545	.03929	1.8942	2.0450	5.8347	11.969
#1	.46758	.03070	.46714	.67817	.13513	-.00074	.00211
#2	.46451	.03032	.46740	.66024	.13127	-.00068	.00178

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01837	-.07296	.00299	.00516	.03987	-.54420	.01566
SDev	.00184	.00354	.00003	.00008	.00019	.02442	.00220
%RSD	10.019	4.8537	1.1278	1.5582	.48637	4.4867	14.027
#1	.01967	-.07546	.00301	.00521	.04001	-.56147	.01721
#2	.01706	-.07046	.00297	.00510	.03974	-.52694	.01410

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	.04258	.04709	.00030	-.02707	.06123	.00067
SDev	.00003	.08828	.00025	.00000	.00006	.00312	.00001

%RSD	40.729	207.29	.53925	.75868	.22106	5.0946	1.5377
#1	-.00009	-.01984	.04691	.00030	-.02703	.06343	.00068
#2	-.00005	.10500	.04727	.00030	-.02712	.05902	.00066

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.22207	.00011	.00287	.03778	.00866
SDev	.00026	.00450	.00056	.00063	.00138	.00207
%RSD	59.808	2.0277	516.13	21.980	3.6650	23.884
#1	.00025	.22525	-.00029	.00332	.03876	.01012
#2	.00061	.21888	.00051	.00242	.03680	.00720

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24626	--	--	--	--	--	--
SDev	147.7853	--	--	--	--	--	--
%RSD	.6001312	--	--	--	--	--	--
#1	24730	--	--	--	--	--	--
#2	24521	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 10:43:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5436	.49218	.51090	.47941	.52075	.48570	.49177
SDev	.0102	.00193	.00672	.00264	.00264	.00002	.00123
%RSD	.40078	.39123	1.3159	.55072	.50672	.00477	.24953
#1	2.5508	.49354	.51566	.48128	.52262	.48571	.49264
#2	2.5364	.49082	.50615	.47754	.51889	.48568	.49090

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.556	.50524	.50921	.51099	2.5162	.47230	.49629
SDev	.048	.00201	.00193	.00254	.0104	.00253	.00568
%RSD	.38023	.39845	.37821	.49642	.41475	.53477	1.1444
#1	12.589	.50666	.51057	.51278	2.5236	.47408	.50030
#2	12.522	.50382	.50785	.50919	2.5089	.47051	.49227

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52570	5.0280	.49711	.49980	.48294	12.060	.94940
SDev	.00747	.0126	.00232	.00163	.00304	.050	.00474
%RSD	1.4205	.25075	.46756	.32555	.62879	.41340	.49949
#1	.53098	5.0369	.49875	.49865	.48509	12.095	.95276
#2	.52042	5.0191	.49546	.50095	.48079	12.025	.94605

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24821	12.353	12.065	.23558	.47906	.51523	.51272
SDev	.00114	.007	.060	.00127	.00291	.00073	.00272
%RSD	.45788	.05272	.49766	.54038	.60782	.14109	.52981
#1	.24902	12.357	12.108	.23648	.47700	.51471	.51464
#2	.24741	12.348	12.023	.23468	.48112	.51574	.51080

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51100	.47936	.50020	.49433	.52299	.52711
SDev	.00255	.00222	.00088	.00808	.00027	.01133
%RSD	.49978	.46338	.17561	1.6346	.05083	2.1503
#1	.51281	.48093	.50082	.50005	.52281	.53512
#2	.50920	.47779	.49957	.48862	.52318	.51909

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24260	--	--	--	--	--	--
SDev	73.53911	--	--	--	--	--	--
%RSD	.3031291	--	--	--	--	--	--
#1	24208	--	--	--	--	--	--
#2	24312	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/27/12 10:47:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00885	.00037	.00216	.00020	.00051	.00110	.00011
SDev	.00141	.00312	.00051	.00000	.00003	.00098	.00009
%RSD	15.962	833.63	23.487	.29060	5.5699	89.326	82.615
#1	.00785	.00258	.00252	.00020	.00049	.00180	.00004
#2	.00985	-.00183	.00180	.00020	.00053	.00041	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01975	.00010	.00014	.00221	-.00331	-.00033	.00039
SDev	.00073	.00023	.00012	.00017	.00334	.00004	.00005
%RSD	3.6987	233.84	80.412	7.8616	100.92	12.589	13.597
#1	.01923	.00026	.00023	.00233	-.00095	-.00036	.00035
#2	.02026	-.00006	.00006	.00208	-.00567	-.00030	.00043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00097	-.04075	.00024	.00134	-.00024	-.41783	.00267
SDev	.00442	.00009	.00000	.00062	.00036	.00271	.00061
%RSD	455.20	.22619	.29935	46.096	147.70	.64950	22.751

#1	-.00216	-.04082	.00024	.00178	.00001	-.41975	.00224
#2	.00410	-.04069	.00024	.00091	-.00050	-.41591	.00310

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.05292	-.01597	.00003	.00024	-.00085	.00028
SDev	.00012	.00266	.00006	.00000	.00042	.00070	.00004
%RSD	341.48	5.0231	.39997	3.7057	179.13	82.237	14.768

#1	-.00005	-.05480	-.01601	.00003	-.00006	-.00036	.00031
#2	.00012	-.05104	-.01592	.00003	.00054	-.00134	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	-.00603	.00070	.00023	.00708	-.00208
SDev	.00026	.00008	.00147	.00066	.00216	.00555
%RSD	67.114	1.3777	210.78	281.24	30.464	266.46

#1	.00058	-.00598	-.00034	.00070	.00556	-.00601
#2	.00021	-.00609	.00174	-.00023	.00861	.00184

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24484	--	--	--	--	--	--
SDev	58.68986	--	--	--	--	--	--
%RSD	.2397021	--	--	--	--	--	--

#1	24526	--	--	--	--	--	--
#2	24443	--	--	--	--	--	--

Analysis Report 01/27/12 10:57:44 AM page 1

Method: 20076010 Sample Name: mb 600-70087/1-a Operator: SRP
Run Time: 01/27/12 10:53:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00123	.00075	.00288	.00286	.00031	.00044	.00018
SDev	.00034	.00078	.00032	.00002	.00000	.00015	.00000
%RSD	27.983	104.17	11.074	.57123	.48595	33.999	1.2085

#1	.00099	.00020	.00265	.00287	.00031	.00055	.00018
#2	.00148	.00129	.00310	.00285	.00031	.00034	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04025	.00027	-.00004	.00193	.01281	-.00070	.00055
SDev	.00026	.00012	.00038	.00009	.01326	.00000	.00020
%RSD	.65601	42.054	878.55	4.7064	103.56	.67582	36.281

#1	.04007	.00035	.00022	.00199	.02219	-.00070	.00041
#2	.04044	.00019	-.00031	.00187	.00343	-.00070	.00069

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	-.06832	.00068	.00000	.00018	-.50427	.00724
SDev	.00359	.00041	.00000	.00110	.00065	.01088	.00117
%RSD	248.92	.59515	.36894	25920.	353.06	2.1580	16.144

#1	.00398	-.06803	.00068	.00078	.00065	-.49657	.00806
#2	-.00110	-.06861	.00068	-.00078	-.00028	-.51196	.00641

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.07683	.02783	.00006	-.00394	.02659	.00010
SDev	.00044	.08599	.00026	.00000	.00129	.00112	.00005
%RSD	167.32	111.92	.92569	1.2916	32.691	4.2168	56.258

#1	.00057	.13763	.02801	.00006	-.00303	.02738	.00006
#2	-.00005	.01603	.02765	.00006	-.00485	.02580	.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00711	-.00046	.00106	-.00255	.00344
SDev	.00010	.00009	.00101	.00080	.00591	.00243
%RSD	25.573	1.1991	217.59	76.148	231.77	70.537

#1	.00045	.00717	.00025	.00049	.00163	.00515
#2	.00031	.00705	-.00118	.00162	-.00673	.00172

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24503	--	--	--	--	--	--
SDev	83.43860	--	--	--	--	--	--
%RSD	.3405240	--	--	--	--	--	--

#1	24444	--	--	--	--	--	--
#2	24562	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70087/2-a Operator: SRP
Run Time: 01/27/12 10:57:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.839	.73737	1.3515	2.4955	1.5522	.83781	.67652
SDev	.093	.00372	.0010	.0031	.0005	.00123	.00071
%RSD	.10986	.50401	.07508	.12327	.03080	.14728	.10437

#1	84.905	.74000	1.3522	2.4976	1.5518	.83694	.67702
#2	84.773	.73474	1.3508	2.4933	1.5525	.83869	.67603

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.594	1.0285	1.4004	1.1034	159.89	.08412	1.3361
SDev	.015	.0002	.0012	.0016	.12	.00010	.0015
%RSD	.01664	.01706	.08765	.14637	.07470	.11331	.11026

#1	90.605	1.0283	1.4013	1.1045	159.98	.08419	1.3350
#2	90.583	1.0286	1.3996	1.1023	159.81	.08405	1.3371

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.9293	39.772	5.1059	.91907	1.2142	48.726	20.407
SDev	.0001	.031	.0035	.00343	.0025	.060	.002
%RSD	.00717	.07786	.06915	.37348	.20863	.12400	.01063
#1	1.9294	39.794	5.1084	.91664	1.2160	48.768	20.408
#2	1.9292	39.750	5.1034	.92150	1.2124	48.683	20.405

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46794	3.5752	6.7233	2.3152	1.5144	1.5992	4.1721
SDev	.00117	.0148	.0132	.0017	.0017	.0067	.0023
%RSD	.25083	.41279	.19625	.07175	.11141	.41720	.05586
#1	.46877	3.5856	6.7326	2.3164	1.5156	1.5945	4.1737
#2	.46711	3.5648	6.7140	2.3141	1.5132	1.6039	4.1704

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62191	1.9453	1.3349	1.3366	1.9107	1.9386
SDev	.00012	.0015	.0017	.0031	.0036	.0016
%RSD	.01965	.07583	.12642	.22844	.18878	.08233
#1	.62182	1.9464	1.3361	1.3345	1.9133	1.9374
#2	.62199	1.9443	1.3337	1.3388	1.9082	1.9397

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/27/12 11:01:34 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26447	--	--	--	--	--	--
SDev	67.88225	--	--	--	--	--	--
%RSD	.2566728	--	--	--	--	--	--
#1	26399	--	--	--	--	--	--
#2	26495	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-1-a Operator: SRP
Run Time: 01/27/12 11:01:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.773	.00326	.21447	1.8274	.00460	.03863	.01532
SDev	.024	.00021	.00023	.0023	.00001	.00041	.00026
%RSD	.07095	6.4468	.10600	.12654	.16624	1.0660	1.7253
#1	33.790	.00311	.21431	1.8291	.00461	.03892	.01551
#2	33.756	.00341	.21463	1.8258	.00460	.03834	.01513

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1990.6	.08348	.12888	.12592	144.12	.04101	.11220
SDev	.1	.00026	.00008	.00032	.05	.00009	.00026
%RSD	.00704	.30706	.06298	.25333	.03662	.21901	.23039
#1	1990.7	.08330	.12894	.12614	144.16	.04108	.11202
#2	1990.5	.08366	.12882	.12569	144.08	.04095	.11238

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01197	19.584	19.069	.03217	.23130	10.381	15.782
SDev	.00242	.009	.012	.00143	.00022	.000	.003
%RSD	20.244	.04433	.06259	4.4411	.09387	.00442	.01671
#1	-.01025	19.590	19.077	.03318	.23114	10.381	15.784
#2	-.01368	19.578	19.061	.03116	.23145	10.381	15.780

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00215	7.0374	8.3453	12.627	-.03567	.02422	.21328
SDev	.00005	.0071	.0067	.019	.00230	.00176	.00063
%RSD	2.5468	.10024	.08085	.14880	6.4570	7.2491	.29347
#1	-.00212	7.0424	8.3501	12.641	-.03404	.02546	.21372
#2	-.00219	7.0324	8.3406	12.614	-.03730	.02297	.21284

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63222	.45190	.09899	.11880	-.01315	-.01137
SDev	.00038	.00011	.00003	.00040	.00106	.00310
%RSD	.06010	.02330	.02880	.33838	8.0669	27.282
#1	.63249	.45198	.09901	.11852	-.01240	-.00918

#2	.63196	.45183	.09897	.11908	-.01390	-.01357

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24624	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.1521987	--	--	--	--	--	--
#1	24597	--	--	--	--	--	--
#2	24650	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-2-a Operator: SRP
Run Time: 01/27/12 11:05:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.953	.00013	.16732	.54322	.00484	.04359	.01376
SDev	.030	.00008	.00192	.00047	.00001	.00031	.00003
%RSD	.06925	64.565	1.1461	.08670	.29794	.71582	.25114
#1	42.974	.00007	.16868	.54356	.00485	.04337	.01374
#2	42.932	.00019	.16597	.54289	.00483	.04381	.01379

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2005.9	.10318	.07178	.12370	136.48	.05671	.15795
SDev	1.7	.00004	.00000	.00030	.17	.00011	.00114
%RSD	.08387	.04293	.00220	.24065	.12329	.19384	.71922

#1	2007.1	.10315	.07178	.12348	136.60	.05679	.15715
#2	2004.7	.10321	.07178	.12391	136.36	.05664	.15876

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00918	37.543	7.9350	.02419	.22270	10.946	18.029
SDev	.00325	.071	.0093	.00160	.00039	.009	.014
%RSD	35.428	.18795	.11757	6.6093	.17565	.07976	.07816
#1	-.00688	37.593	7.9416	.02533	.22243	10.952	18.039
#2	-.01148	37.493	7.9284	.02306	.22298	10.940	18.019

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00225	7.8974	9.4205	12.659	-.02861	.02779	.24757
SDev	.00023	.0407	.0038	.010	.00068	.00171	.00012
%RSD	10.260	.51488	.04052	.07924	2.3825	6.1686	.04660
#1	-.00242	7.9261	9.4179	12.666	-.02813	.02900	.24749
#2	-.00209	7.8686	9.4232	12.652	-.02909	.02658	.24765

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49460	.54124	.14330	.16528	-.00381	-.01187

SDev	.00054	.00041	.00003	.00169	.00539	.00218
%RSD	.10999	.07550	.01946	1.0226	141.74	18.380
#1	.49499	.54153	.14328	.16408	.00001	-.01033
#2	.49422	.54095	.14332	.16647	-.00762	-.01341

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25117	--	--	--	--	--	--
SDev	26.87006	--	--	--	--	--	--
%RSD	.1069796	--	--	--	--	--	--
#1	25098	--	--	--	--	--	--
#2	25136	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-3-a Operator: SRP
Run Time: 01/27/12 11:09:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	103.10	.00203	.21033	1.1359	.00885	.06808	.01130
SDev	.12	.00286	.00115	.0020	.00001	.00006	.00021
%RSD	.11632	141.01	.54764	.17445	.06519	.08765	1.8221
#1	103.18	.00405	.20952	1.1373	.00885	.06813	.01115
#2	103.01	.00001	.21115	1.1345	.00886	.06804	.01144

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1485.6	.14466	.12549	.17378	200.57	.09559	.27717
SDev	.6	.00054	.00040	.00012	.09	.00016	.00074

%RSD	.03702	.37270	.32179	.06918	.04623	.16457	.26634
#1	1485.2	.14504	.12578	.17369	200.64	.09571	.27769
#2	1486.0	.14428	.12521	.17386	200.50	.09548	.27665

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01092	24.104	7.2302	.01859	.27099	26.599	21.111
SDev	.00279	.021	.0055	.00041	.00032	.020	.019
%RSD	25.538	.08838	.07545	2.2080	.11800	.07516	.08970
#1	-.01289	24.119	7.2341	.01888	.27121	26.613	21.124
#2	-.00894	24.089	7.2263	.01830	.27076	26.585	21.098

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00320	5.1323	6.2443	8.6485	-.04176	.02902	.32617
SDev	.00008	.0514	.0002	.0068	.00147	.00125	.00007
%RSD	2.4293	1.0015	.00272	.07864	3.5179	4.3173	.02046
#1	-.00315	5.0960	6.2441	8.6533	-.04072	.02990	.32622
#2	-.00326	5.1687	6.2444	8.6437	-.04279	.02813	.32612

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49260	.62830	.25236	.28958	-.00861	-.01207
SDev	.00001	.00010	.00014	.00118	.00646	.00095
%RSD	.00240	.01615	.05421	.40601	75.041	7.8771
#1	.49260	.62823	.25226	.29041	-.01318	-.01274
#2	.49261	.62837	.25245	.28875	-.00404	-.01140

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25748	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1785034	--	--	--	--	--	--
#1	25716	--	--	--	--	--	--
#2	25781	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-5-a Operator: SRP
Run Time: 01/27/12 11:13:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.519	.00066	.13998	.69040	.00392	.03426	.01675
SDev	.029	.00184	.00224	.00086	.00001	.00041	.00011
%RSD	.09341	277.44	1.5963	.12446	.15390	1.2010	.66612
#1	30.539	-.00064	.14156	.69101	.00392	.03456	.01667
#2	30.499	.00196	.13840	.68979	.00391	.03397	.01683

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1990.7	.09693	.07587	.09929	91.329	.03468	.09857
SDev	2.8	.00034	.00010	.00033	.029	.00007	.00008
%RSD	.14039	.35069	.13074	.33589	.03230	.21668	.08017
#1	1988.7	.09669	.07594	.09952	91.350	.03474	.09862
#2	1992.6	.09717	.07580	.09905	91.308	.03463	.09851

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00645	18.795	7.5291	.02975	.19993	7.7979	16.762
SDev	.00241	.022	.0032	.00091	.00119	.0187	.011
%RSD	37.448	.11608	.04310	3.0562	.59287	.23957	.06673
#1	-.00815	18.810	7.5314	.02911	.20077	7.7847	16.770
#2	-.00474	18.779	7.5268	.03040	.19909	7.8111	16.754

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00232	7.1464	8.3703	14.536	-.02008	.02351	.19518
SDev	.00036	.0534	.0072	.007	.00158	.00081	.00020

%RSD	15.704	.74698	.08598	.04530	7.8881	3.4639	.10437
#1	-.00258	7.1841	8.3754	14.532	-.02120	.02408	.19532
#2	-.00206	7.1086	8.3652	14.541	-.01896	.02293	.19503

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51220	.39695	.08620	.10475	-.00026	-.00954
SDev	.00051	.00065	.00037	.00007	.00194	.00265
%RSD	.09940	.16268	.43428	.06554	737.12	27.768
#1	.51256	.39740	.08647	.10470	-.00164	-.01141
#2	.51184	.39649	.08594	.10480	.00111	-.00766

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25902	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1801754	--	--	--	--	--	--
#1	25869	--	--	--	--	--	--
#2	25935	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-6-a Operator: SRP
Run Time: 01/27/12 11:17:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.428	.00277	.16522	.86893	.00657	.06266	.01107
SDev	.012	.00205	.00123	.00049	.00002	.00071	.00004
%RSD	.01577	74.183	.74239	.05618	.32086	1.1250	.35357
#1	76.437	.00422	.16435	.86927	.00658	.06316	.01105
#2	76.419	.00132	.16608	.86858	.00655	.06216	.01110

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1634.5	.13041	.10088	.18258	147.56	.06582	.16505
SDev	2.4	.00006	.00043	.00021	.16	.00004	.00002
%RSD	.14482	.04674	.42510	.11367	.11157	.05819	.01008
#1	1636.2	.13045	.10119	.18272	147.68	.06585	.16506
#2	1632.8	.13036	.10058	.18243	147.44	.06579	.16504

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00142	23.169	7.9151	.03884	.26748	18.787	20.208
SDev	.00013	.033	.0091	.00087	.00032	.003	.003
%RSD	9.2208	.14260	.11463	2.2490	.11893	.01527	.01511
#1	-.00133	23.192	7.9215	.03822	.26771	18.785	20.210
#2	-.00152	23.145	7.9087	.03946	.26726	18.789	20.205

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	4.7579	5.6991	9.4044	-.02982	.02764	.31947
SDev	.00008	.1156	.0045	.0041	.00033	.00284	.00042
%RSD	4.0083	2.4291	.07827	.04343	1.1138	10.278	.13126
#1	-.00192	4.8396	5.7022	9.4015	-.02959	.02563	.31976
#2	-.00203	4.6761	5.6959	9.4072	-.03006	.02965	.31917

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50898	.61531	.14404	.17555	.00112	-.00269
SDev	.00035	.00032	.00116	.00060	.00102	.00071
%RSD	.06876	.05114	.80441	.34424	91.811	26.340
#1	.50923	.61508	.14322	.17598	.00039	-.00219
#2	.50873	.61553	.14486	.17512	.00184	-.00319

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25372	--	--	--	--	--	--
SDev	71.41779	--	--	--	--	--	--
%RSD	.2814882	--	--	--	--	--	--
#1	25321	--	--	--	--	--	--
#2	25422	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-7-a Operator: SRP
Run Time: 01/27/12 11:20:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.501	.00333	.40863	4.1475	.00620	.02912	.01995
SDev	.018	.00155	.00121	.0028	.00001	.00070	.00001
%RSD	.03843	46.585	.29657	.06639	.16914	2.4065	.03189
#1	47.514	.00223	.40949	4.1494	.00621	.02962	.01995

#2	47.488	.00443	.40777	4.1455	.00619	.02862	.01996
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1787.5	.11116	.28258	.19389	177.97	.03953	.29939
SDev	3.5	.00028	.00055	.00081	.24	.00007	.00097
%RSD	.19492	.25104	.19615	.41648	.13456	.16784	.32400
#1	1790.0	.11136	.28298	.19446	178.14	.03958	.30008
#2	1785.1	.11096	.28219	.19332	177.81	.03949	.29870
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02335	26.575	38.312	.03896	.49006	10.439	16.594
SDev	.00032	.038	.073	.00007	.00199	.002	.020
%RSD	1.3681	.14304	.18984	.18049	.40718	.02322	.11838

#1	-.02313	26.601	38.363	.03891	.49147	10.437	16.608
#2	-.02358	26.548	38.260	.03901	.48865	10.440	16.580
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00074	4.6347	5.5208	10.221	-.05450	.02759	.28257
SDev	.00005	.0737	.0046	.005	.00090	.00058	.00037
%RSD	7.3175	1.5903	.08272	.04636	1.6561	2.0903	.12943
#1	-.00078	4.5825	5.5176	10.224	-.05386	.02719	.28283
#2	-.00070	4.6868	5.5240	10.218	-.05514	.02800	.28231
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.92842	.60492	.28264	.30777	-.02462	-.02272	
SDev	.00098	.00033	.00077	.00184	.00086	.00005	
%RSD	.10522	.05434	.27321	.59821	3.4978	.21432	
#1	.92911	.60516	.28209	.30907	-.02401	-.02269	
#2	.92773	.60469	.28318	.30647	-.02523	-.02275	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27636	--	--	--	--	--	--
SDev	74.24622	--	--	--	--	--	--
%RSD	.2686624	--	--	--	--	--	--
#1	27583	--	--	--	--	--	--
#2	27688	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-8-a Operator: SRP
Run Time: 01/27/12 11:24:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.547	.00026	.20486	.85896	.00719	.03862	.01332
SDev	.109	.00225	.00088	.00106	.00000	.00041	.00007
%RSD	.13158	857.35	.42958	.12295	.00065	1.0597	.54306

#1	82.470	-.00133	.20424	.85821	.00719	.03891	.01327
#2	82.623	.00185	.20548	.85971	.00719	.03833	.01337

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1580.2	.13764	.09619	.16455	159.80	.05656	.48246
SDev	1.3	.00058	.00013	.00053	.22	.00008	.00022
%RSD	.08039	.42250	.13303	.32042	.13833	.14541	.04656
#1	1579.3	.13723	.09628	.16418	159.64	.05650	.48262
#2	1581.1	.13805	.09610	.16493	159.96	.05661	.48230

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01010	22.524	8.9827	.01067	.24248	15.623	19.768
SDev	.00157	.034	.0129	.00023	.00020	.013	.037
%RSD	15.495	.15237	.14384	2.1688	.08353	.08171	.18829
#1	-.01121	22.500	8.9736	.01050	.24262	15.614	19.742
#2	-.00900	22.548	8.9918	.01083	.24234	15.632	19.795

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00291	3.8760	4.5891	7.8696	-.03178	.03533	.33107
SDev	.00021	.0206	.0080	.0162	.00146	.00031	.00025
%RSD	7.1478	.53030	.17406	.20623	4.6022	.88396	.07687
#1	-.00276	3.8906	4.5834	7.8581	-.03074	.03556	.33089
#2	-.00305	3.8615	4.5947	7.8810	-.03281	.03511	.33125

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64938	.62941	.46086	.49327	-.01092	-.00969
SDev	.00139	.00094	.00069	.00001	.00780	.00155
%RSD	.21452	.14943	.14993	.00174	71.401	16.005
#1	.64840	.62874	.46135	.49326	-.01644	-.00860
#2	.65037	.63007	.46037	.49327	-.00541	-.01079

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27963	--	--	--	--	--	--
SDev	21.21320	--	--	--	--	--	--
%RSD	.0758617	--	--	--	--	--	--
#1	27978	--	--	--	--	--	--
#2	27948	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-9-a Operator: SRP
Run Time: 01/27/12 11:28:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	55.970	.00309	.23718	1.2365	.00582	.03653	.01427
SDev	.061	.00007	.00314	.0011	.00001	.00040	.00004
%RSD	.10946	2.1728	1.3242	.09085	.11739	1.1037	.26973
#1	56.013	.00314	.23940	1.2373	.00583	.03625	.01429
#2	55.927	.00305	.23496	1.2357	.00582	.03682	.01424

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1925.8	.10839	.12715	.12495	146.86	.04182	.34962
SDev	5.7	.00025	.00054	.00034	.27	.00007	.00130
%RSD	.29797	.23361	.42805	.27399	.18146	.17780	.37234

#1	1929.8	.10857	.12753	.12520	147.04	.04187	.35055
#2	1921.7	.10821	.12676	.12471	146.67	.04177	.34870

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01193	37.191	13.647	.01625	.23129	10.815	18.238
SDev	.00067	.093	.032	.00014	.00166	.010	.027
%RSD	5.6259	.24998	.23687	.83337	.71850	.09425	.14964
#1	-.01145	37.256	13.670	.01615	.23246	10.822	18.257
#2	-.01240	37.125	13.624	.01634	.23011	10.808	18.219

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00198	4.0499	4.8798	6.9358	-.03635	.04947	.30657
SDev	.00017	.1066	.0013	.0091	.00355	.00011	.00028
%RSD	8.5236	2.6326	.02707	.13085	9.7691	.22379	.09036
#1	-.00210	4.1252	4.8807	6.9422	-.03886	.04955	.30677
#2	-.00186	3.9745	4.8788	6.9294	-.03384	.04939	.30638

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77435	.47872	.32987	.35950	-.00630	-.01474
SDev	.00122	.00055	.00140	.00125	.00012	.00107
%RSD	.15811	.11500	.42526	.34807	1.9633	7.2478
#1	.77522	.47911	.33086	.36039	-.00639	-.01399
#2	.77349	.47833	.32887	.35862	-.00621	-.01550

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26466	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.2912158	--	--	--	--	--	--
#1	26412	--	--	--	--	--	--
#2	26521	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 11:32:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5359	.48667	.50914	.48602	.50941	.48532	.49013
SDev	.0132	.00314	.00139	.00083	.00109	.00002	.00128
%RSD	.52003	.64456	.27372	.17056	.21449	.00487	.26120
#1	2.5453	.48889	.50816	.48660	.51018	.48534	.49104
#2	2.5266	.48445	.51013	.48543	.50864	.48530	.48923

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.583	.49342	.49502	.50909	2.5092	.47247	.48694
SDev	.170	.00172	.00104	.00086	.0069	.00181	.00108
%RSD	1.3476	.34931	.20986	.16902	.27546	.38314	.22075
#1	12.703	.49464	.49575	.50970	2.5043	.47375	.48770
#2	12.463	.49220	.49428	.50848	2.5141	.47119	.48618

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51237	4.9290	.48866	.49704	.44273	12.020	.97971
SDev	.00313	.0174	.00153	.00000	.00199	.042	.01698
%RSD	.61152	.35279	.31353	.00073	.44961	.34875	1.7333
#1	.51458	4.9413	.48975	.49704	.44414	12.050	.99172
#2	.51015	4.9167	.48758	.49704	.44133	11.991	.96770

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24515	12.392	12.093	.23752	.48470	.50260	.51031
SDev	.00013	.079	.055	.00052	.00645	.00094	.00166
%RSD	.05094	.63610	.45512	.21734	1.3317	.18778	.32500
#1	.24524	12.336	12.132	.23788	.48014	.50193	.51148
#2	.24506	12.447	12.054	.23715	.48927	.50326	.50914

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50476	.47645	.48400	.48840	.49958	.51882
SDev	.00202	.00070	.00100	.00211	.00648	.00146
%RSD	.40002	.14668	.20558	.43200	1.2973	.28134
#1	.50619	.47694	.48330	.48990	.50416	.51985
#2	.50333	.47595	.48470	.48691	.49500	.51779

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24926	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.0510628	--	--	--	--	--	--
#1	24917	--	--	--	--	--	--
#2	24935	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP

Run Time: 01/27/12 11:36:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02192	-.00063	.00138	.00024	.00029	.00164	.00026
SDev	.00213	.00004	.00198	.00007	.00001	.00021	.00001

%RSD	9.7340	6.4299	143.87	28.784	3.9450	12.739	2.3306
#1	.02041	-.00060	-.00002	.00019	.00028	.00149	.00027
#2	.02343	-.00066	.00278	.00029	.00030	.00179	.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05581	.00013	.00025	.00055	-.00252	-.00057	-.00015
SDev	.01475	.00020	.00037	.00013	.00624	.00002	.00001
%RSD	26.436	148.68	147.44	23.991	247.45	2.9526	5.0423
#1	.06624	-.00001	-.00001	.00046	-.00693	-.00058	-.00014
#2	.04537	.00027	.00051	.00065	.00189	-.00055	-.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	-.05649	.00046	.00121	.00045	-.55483	.00931
SDev	.00033	.00013	.00002	.00081	.00020	.00142	.00035
%RSD	22.839	.22789	5.3501	67.536	45.384	.25617	3.7653
#1	.00169	-.05658	.00047	.00178	.00059	-.55584	.00956
#2	.00122	-.05640	.00044	.00063	.00031	-.55383	.00907

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	-.02856	-.02014	.00012	.00105	-.00053	.00026
SDev	.00017	.11172	.00043	.00003	.00372	.00056	.00010
%RSD	140.05	391.24	2.1290	23.545	352.74	105.25	37.628
#1	-.00024	-.10756	-.01983	.00013	.00368	-.00093	.00019
#2	-.00000	.05044	-.02044	.00010	-.00157	-.00014	.00033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00783	-.00076	.00016	.00697	-.00130
SDev	.00001	.00000	.00034	.00016	.00551	.00226
%RSD	1.6971	.01969	44.478	98.985	78.997	173.20
#1	.00045	-.00783	-.00052	.00005	.01087	-.00290
#2	.00044	-.00782	-.00100	.00027	.00308	.00029

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25456	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1416630	--	--	--	--	--	--
#1	25482	--	--	--	--	--	--

#2	25431	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-10-a Operator: SRP
Run Time: 01/27/12 11:40:07
Comment: TRACE 61E

Analysis Report 01/27/12 11:43:55 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.164	.00547	.38175	3.7241	.00673	.03246	.01712
SDev	.078	.00266	.00473	.0041	.00002	.00014	.00009
%RSD	.13397	48.571	1.2402	.10930	.31355	.44220	.54565
#1	58.219	.00359	.37840	3.7270	.00674	.03236	.01718
#2	58.109	.00735	.38510	3.7213	.00671	.03257	.01705

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1654.1	.11620	.24969	.20751	210.78	.04159	.41052
SDev	3.8	.00009	.00095	.00014	.22	.00009	.00183
%RSD	.22882	.08006	.38052	.06511	.10227	.20983	.44526
#1	1656.8	.11626	.25036	.20761	210.93	.04165	.41181
#2	1651.5	.11613	.24901	.20742	210.62	.04153	.40923

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02246	39.965	26.227	.05449	.37767	11.869	16.914
SDev	.00273	.052	.054	.00253	.00206	.028	.007
%RSD	12.161	.13097	.20485	4.6529	.54502	.23463	.04413
#1	-.02439	40.002	26.265	.05269	.37913	11.889	16.919
#2	-.02053	39.928	26.189	.05628	.37621	11.850	16.909

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	5.2284	6.2738	8.5689	-.04606	.02592	.30223
SDev	.00041	.0511	.0081	.0050	.00230	.00071	.00011
%RSD	17.838	.97817	.12856	.05827	4.9839	2.7478	.03543
#1	-.00200	5.2645	6.2795	8.5725	-.04769	.02642	.30231
#2	-.00258	5.1922	6.2681	8.5654	-.04444	.02542	.30216

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99703	.58804	.38744	.42206	-.02092	-.02323
SDev	.00116	.00049	.00323	.00113	.00348	.00236
%RSD	.11664	.08354	.83425	.26672	16.613	10.156
#1	.99786	.58839	.38972	.42285	-.02338	-.02490
#2	.99621	.58770	.38515	.42126	-.01846	-.02156

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29151	--	--	--	--	--	--
SDev	118.7939	--	--	--	--	--	--

%RSD	.4075124	--	--	--	--	--	--
#1	29067	--	--	--	--	--	--
#2	29235	--	--	--	--	--	--

Analysis Report 01/27/12 11:43:55 AM page 15

Method: 20076010 Sample Name: 600-48830-b-11-a Operator: SRP
Run Time: 01/27/12 11:43:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.625	.00113	.20877	1.0004	.00476	.04567	.01186
SDev	.021	.00057	.00101	.0002	.00000	.00056	.00002
%RSD	.05410	50.221	.48318	.01677	.08968	1.2218	.12457
#1	38.639	.00154	.20805	1.0003	.00476	.04527	.01187
#2	38.610	.00073	.20948	1.0005	.00475	.04606	.01185

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1640.9	.08514	.10196	.09432	117.36	.03482	.20905
SDev	.2	.00021	.00009	.00008	.06	.00003	.00086
%RSD	.01361	.24993	.08369	.08625	.04946	.09501	.41158
#1	1641.1	.08529	.10202	.09438	117.32	.03480	.20844
#2	1640.8	.08499	.10190	.09427	117.41	.03485	.20966

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01466	67.311	13.276	.02085	.17520	8.5492	16.103
SDev	.00019	.010	.002	.00008	.00038	.0029	.007
%RSD	1.2733	.01541	.01341	.39204	.21748	.03417	.04428
#1	-.01453	67.304	13.275	.02079	.17547	8.5513	16.098
#2	-.01479	67.318	13.278	.02090	.17493	8.5471	16.109

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00311	7.5330	8.8377	12.841	-.02582	.02174	.31607
SDev	.00020	.1133	.0098	.015	.00390	.00166	.00028
%RSD	6.5742	1.5046	.11051	.11367	15.121	7.6396	.08935
#1	-.00296	7.6132	8.8446	12.831	-.02858	.02292	.31587
#2	-.00325	7.4529	8.8308	12.852	-.02306	.02057	.31627

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71873	.34132	.19274	.21720	-.00717	-.01840
SDev	.00036	.00035	.00031	.00113	.00278	.00167
%RSD	.04967	.10135	.16290	.52192	38.807	9.0755
#1	.71898	.34108	.19252	.21640	-.00913	-.01722
#2	.71848	.34157	.19296	.21800	-.00520	-.01959

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	30922	--	--	--	--	--	--

SDev	44.54773	--	--	--	--	--	--
%RSD	.1440625	--	--	--	--	--	--
#1	30891	--	--	--	--	--	--
#2	30954	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-12-a Operator: SRP
Run Time: 01/27/12 11:47:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.004	.00383	.38174	7.2875	.00556	.02446	.02010
SDev	.061	.00121	.00229	.0070	.00002	.00021	.00016
%RSD	.19537	31.458	.60043	.09548	.27151	.87210	.80937
#1	31.047	.00298	.38012	7.2925	.00557	.02431	.02021
#2	30.962	.00468	.38336	7.2826	.00555	.02461	.01998

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1794.4	.09207	.31462	.21729	180.53	.02880	.18856
SDev	.7	.00010	.00020	.00006	.12	.00003	.00027
%RSD	.03980	.10550	.06478	.02840	.06500	.08907	.14365
#1	1794.9	.09200	.31477	.21734	180.61	.02882	.18875
#2	1793.9	.09214	.31448	.21725	180.44	.02878	.18837

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02989	32.641	38.512	.04181	.47181	6.0819	14.578
SDev	.00020	.019	.037	.00010	.00016	.0293	.012
%RSD	.66121	.05770	.09517	.24101	.03494	.48201	.08075
#1	-.02975	32.655	38.537	.04188	.47193	6.1026	14.586
#2	-.03003	32.628	38.486	.04173	.47169	6.0611	14.570

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00155	3.6262	4.2409	11.880	-.04946	.01816	.20522
SDev	.00003	.0512	.0107	.010	.00367	.00001	.00024
%RSD	1.7113	1.4111	.25165	.08424	7.4262	.06809	.11844
#1	-.00157	3.6624	4.2484	11.887	-.04686	.01817	.20539
#2	-.00153	3.5900	4.2333	11.873	-.05206	.01815	.20504

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3707	.46023	.17118	.19725	-.02566	-.03201
SDev	.0017	.00017	.00081	.00081	.00224	.00082
%RSD	.12435	.03777	.47636	.41269	8.7142	2.5669
#1	1.3720	.46036	.17061	.19783	-.02408	-.03259
#2	1.3695	.46011	.17176	.19668	-.02724	-.03143

Analysis Report 01/27/12 11:51:38 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28306	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0649501	--	--	--	--	--	--
#1	28293	--	--	--	--	--	--
#2	28319	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-12-b du Operator: SRP
Run Time: 01/27/12 11:51:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.598	.00092	.26254	2.1100	.00390	.02995	.01681
SDev	.034	.00025	.00136	.0026	.00000	.00010	.00002
%RSD	.12313	26.857	.51802	.12504	.02968	.33337	.12000
#1	27.622	.00074	.26350	2.1118	.00390	.02988	.01679
#2	27.574	.00109	.26158	2.1081	.00390	.03002	.01682

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2062.2	.08098	.14167	.13147	131.48	.03367	.13816
SDev	2.0	.00030	.00026	.00046	.00	.00004	.00074
%RSD	.09768	.37201	.18226	.35133	.00259	.11273	.53279
#1	2060.8	.08077	.14185	.13180	131.48	.03370	.13764
#2	2063.6	.08119	.14148	.13114	131.49	.03364	.13868

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02056	24.229	21.715	.01886	.20923	8.6240	14.949
SDev	.00067	.001	.002	.00042	.00060	.0036	.012
%RSD	3.2816	.00533	.00734	2.1985	.28620	.04150	.07896
#1	-.02008	24.229	21.716	.01857	.20966	8.6265	14.957
#2	-.02103	24.228	21.714	.01916	.20881	8.6214	14.940

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00210	8.9592	10.480	16.069	-.02901	.01973	.19840
SDev	.00018	.0247	.010	.002	.00011	.00158	.00018
%RSD	8.7512	.27524	.09456	.01353	.37329	7.9874	.08878
#1	-.00197	8.9766	10.487	16.071	-.02893	.01862	.19827
#2	-.00223	8.9417	10.473	16.068	-.02908	.02084	.19852

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70680	.32551	.12272	.14589	-.02103	-.02032
SDev	.00031	.00051	.00053	.00137	.00133	.00168
%RSD	.04414	.15507	.43274	.93887	6.3391	8.2602

Analysis Report 01/27/12 11:55:29 AM page 18

#1	.70658	.32587	.12309	.14492	-.02197	-.01913
#2	.70702	.32515	.12234	.14686	-.02009	-.02150

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27047	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.1098033	--	--	--	--	--	--
#1	27026	--	--	--	--	--	--
#2	27068	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-a-12-a ms Operator: SRP
Run Time: 01/27/12 11:55:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.233	.31379	1.0636	5.4906	.31325	.66011	.30643
SDev	.193	.00244	.0014	.0068	.00076	.00245	.00127
%RSD	.28311	.77728	.13057	.12338	.24305	.37074	.41552
#1	68.370	.31206	1.0645	5.4954	.31379	.66184	.30733
#2	68.097	.31551	1.0626	5.4858	.31271	.65838	.30553

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1562.9	.69729	.81942	.91968	228.47	.48268	.93975
SDev	6.1	.00189	.00291	.00189	.58	.00103	.00183
%RSD	.38731	.27156	.35536	.20581	.25425	.21320	.19509
#1	1567.2	.69863	.82148	.92101	228.88	.48340	.94105
#2	1558.6	.69595	.81736	.91834	228.05	.48195	.93846

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61666	37.907	27.849	.63249	.83758	23.326	16.625
SDev	.00233	.098	.079	.00100	.00468	.065	.033
%RSD	.37854	.25850	.28442	.15763	.55934	.27852	.20027
#1	.61501	37.976	27.905	.63320	.84089	23.372	16.648
#2	.61831	37.838	27.793	.63179	.83426	23.280	16.601

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36820	13.521	16.234	8.4550	.58225	.71472	.85434
SDev	.00194	.135	.031	.0029	.00256	.00550	.00153
%RSD	.52813	.99994	.18813	.03480	.43912	.76893	.17885
#1	.36958	13.616	16.255	8.4571	.58406	.71861	.85542
#2	.36682	13.425	16.212	8.4529	.58044	.71084	.85326

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 01/27/12 11:59:21 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8275	1.2058	.90584	.95671	.59880	.62559
SDev	.0041	.0024	.00322	.00114	.00014	.00343
%RSD	.22198	.19492	.35510	.11934	.02301	.54868
#1	1.8303	1.2074	.90812	.95751	.59870	.62316
#2	1.8246	1.2041	.90357	.95590	.59890	.62802

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30862	--	--	--	--	--	--
SDev	86.97414	--	--	--	--	--	--
%RSD	.2818117	--	--	--	--	--	--
#1	30801	--	--	--	--	--	--
#2	30924	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-a-12-b msd Operator: SRP
Run Time: 01/27/12 11:59:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.718	.40387	1.1729	5.1198	.35402	.78419	.35166
SDev	.059	.00057	.0010	.0035	.00005	.00148	.00039
%RSD	.11505	.14063	.08944	.06802	.01261	.18887	.11021
#1	51.760	.40347	1.1736	5.1173	.35399	.78314	.35194
#2	51.676	.40427	1.1722	5.1222	.35405	.78523	.35139

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2013.4	.77387	.93136	1.0112	188.85	.55518	.85513
SDev	2.3	.00034	.00071	.0005	.06	.00059	.00107
%RSD	.11551	.04463	.07656	.04506	.03405	.10548	.12531
#1	2015.0	.77411	.93186	1.0115	188.80	.55560	.85589
#2	2011.7	.77362	.93085	1.0108	188.89	.55477	.85437

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75480	46.953	36.265	.74674	1.0642	23.825	17.498
SDev	.00206	.004	.010	.00207	.0038	.068	.000
%RSD	.27352	.00771	.02776	.27772	.35314	.28737	.00194
#1	.75626	46.950	36.272	.74528	1.0669	23.873	17.498
#2	.75334	46.955	36.258	.74821	1.0616	23.776	17.498

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43666	21.740	25.903	15.428	.68458	.72591	.81794
SDev	.00003	.117	.043	.021	.00416	.00120	.00033
%RSD	.00670	.53869	.16503	.13507	.60755	.16582	.04064

#1	.43664	21.823	25.934	15.413	.68753	.72676	.81770
#2	.43668	21.657	25.873	15.442	.68164	.72506	.81817

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8061	1.3159	.82135	.87202	.72622	.76909
SDev	.0003	.0003	.00774	.00226	.00945	.00163
%RSD	.01658	.02329	.94246	.25951	1.3012	.21169
#1	1.8064	1.3157	.82683	.87042	.73291	.76794
#2	1.8059	1.3161	.81588	.87362	.71954	.77024

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26116	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1380883	--	--	--	--	--	--
#1	26090	--	--	--	--	--	--
#2	26141	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-13-a Operator: SRP
Run Time: 01/27/12 12:03:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.512	.00335	.25802	4.0056	.00459	.02800	.01877
SDev	.079	.00197	.00012	.0043	.00001	.00063	.00020
%RSD	.21659	58.651	.04579	.10685	.24638	2.2322	1.0671
#1	36.568	.00474	.25794	4.0086	.00459	.02844	.01891
#2	36.456	.00196	.25810	4.0026	.00458	.02756	.01863

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1826.7	.09714	.20061	.16062	136.08	.03642	.18516
SDev	3.0	.00025	.00080	.00069	.18	.00010	.00045
%RSD	.16683	.25874	.39813	.42940	.13594	.28342	.24186
#1	1828.8	.09732	.20118	.16111	136.21	.03649	.18547
#2	1824.5	.09696	.20005	.16013	135.95	.03635	.18484

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01634	33.773	26.628	.03048	.30127	7.8332	15.343
SDev	.00086	.065	.050	.00166	.00085	.0221	.031
%RSD	5.2894	.19141	.18830	5.4525	.28089	.28276	.19925
#1	-.01572	33.818	26.663	.03166	.30186	7.8489	15.364
#2	-.01695	33.727	26.592	.02931	.30067	7.8175	15.321

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00151	6.0703	7.1631	9.7767	-.03061	.01964	.26297
SDev	.00035	.0445	.0218	.0019	.00056	.00034	.00054
%RSD	23.380	.73265	.30498	.01975	1.8390	1.7422	.20670

#1	-.00126	6.1017	7.1785	9.7781	-.03021	.01940	.26335
#2	-.00176	6.0388	7.1476	9.7753	-.03101	.01988	.26258

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.87318	.44866	.16657	.19445	-.01441	-.01730
SDev	.00221	.00018	.00070	.00102	.00748	.00244
%RSD	.25346	.03986	.42023	.52545	51.901	14.124
#1	.87475	.44879	.16608	.19517	-.00912	-.01903
#2	.87162	.44853	.16707	.19372	-.01970	-.01557

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28246	--	--	--	--	--	--
SDev	61.51829	--	--	--	--	--	--
%RSD	.2177986	--	--	--	--	--	--
#1	28202	--	--	--	--	--	--
#2	28289	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-14-a Operator: SRP
Run Time: 01/27/12 12:07:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.742	.00316	.24088	1.6275	.00705	.02671	.01816
SDev	.058	.00124	.00021	.0010	.00002	.00037	.00008
%RSD	.12895	39.241	.08647	.06423	.23935	1.3888	.43425
#1	44.783	.00404	.24073	1.6267	.00706	.02645	.01822
#2	44.701	.00229	.24103	1.6282	.00704	.02697	.01811

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1762.3	.08605	.15337	.12860	168.33	.03493	.20313
SDev	3.8	.00038	.00070	.00028	.23	.00002	.00001
%RSD	.21392	.44034	.45819	.21639	.13409	.06137	.00302
#1	1765.0	.08632	.15387	.12841	168.49	.03492	.20312
#2	1759.7	.08578	.15288	.12880	168.17	.03495	.20313

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02078	47.354	15.752	.02027	.23827	9.3847	16.223
SDev	.00060	.085	.025	.00151	.00143	.0186	.014
%RSD	2.8995	.18019	.15686	7.4448	.59857	.19821	.08684
#1	-.02120	47.414	15.770	.02134	.23927	9.3978	16.233

#2	-.02035	47.294	15.735	.01921	.23726	9.3715	16.213

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00247	4.1314	4.9146	7.7031	-.02575	.02334	.27631
SDev	.00030	.0490	.0058	.0081	.00189	.00079	.00056

%RSD	12.209	1.1859	.11704	.10513	7.3269	3.3661	.20241
#1	-.00226	4.1661	4.9187	7.6973	-.02442	.02389	.27671
#2	-.00269	4.0968	4.9106	7.7088	-.02708	.02278	.27592

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74324	.48430	.18327	.21305	-.01461	-.02386
SDev	.00112	.00071	.00052	.00027	.00137	.00159
%RSD	.15019	.14698	.28154	.12540	9.3641	6.6536
#1	.74403	.48480	.18364	.21286	-.01364	-.02499
#2	.74245	.48380	.18291	.21324	-.01558	-.02274

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28511	--	--	--	--	--	--
SDev	2.828427	--	--	--	--	--	--
%RSD	.0099205	--	--	--	--	--	--
#1	28509	--	--	--	--	--	--
#2	28513	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-b-15-a Operator: SRP
Run Time: 01/27/12 12:10:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.777	.00472	.25270	1.8152	.00532	.03881	.01194
SDev	.606	.00033	.00426	.0175	.00004	.00051	.00042
%RSD	1.0862	7.0648	1.6876	.96285	.83039	1.3035	3.4952
#1	56.205	.00495	.25572	1.8276	.00535	.03845	.01223
#2	55.349	.00448	.24969	1.8029	.00528	.03916	.01164

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1649.8	.12376	.15368	.15517	169.08	.04257	.31700
SDev	12.5	.00099	.00085	.00160	1.31	.00053	.00362
%RSD	.76054	.80201	.54980	1.0308	.77367	1.2356	1.1403
#1	1658.7	.12446	.15428	.15630	170.00	.04294	.31955
#2	1640.9	.12306	.15308	.15404	168.15	.04220	.31444

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01512	37.087	15.453	.02589	.27464	14.159	18.589

SDev	.00090	.322	.124	.00148	.00134	.177	.179
%RSD	5.9232	.86856	.80405	5.7153	.48808	1.2527	.96259
#1	-.01576	37.315	15.541	.02693	.27559	14.285	18.715
#2	-.01449	36.859	15.365	.02484	.27369	14.034	18.462

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00229	4.1161	4.9214	7.9642	-.02968	.02479	.25568
SDev	.00028	.0329	.0603	.0712	.00119	.00263	.00261
%RSD	12.058	.79886	1.2247	.89371	4.0025	10.591	1.0197
#1	-.00248	4.0928	4.9640	8.0145	-.02884	.02665	.25752
#2	-.00209	4.1393	4.8788	7.9139	-.03052	.02293	.25384

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72365	.67320	.29348	.32876	-.01144	-.01696
SDev	.00622	.00558	.00388	.00348	.00126	.00198
%RSD	.85991	.82826	1.3221	1.0591	11.044	11.643
#1	.72805	.67714	.29622	.33122	-.01054	-.01836
#2	.71925	.66925	.29074	.32629	-.01233	-.01557

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25747	--	--	--	--	--	--
SDev	264.4579	--	--	--	--	--	--
%RSD	1.027141	--	--	--	--	--	--
#1	25560	--	--	--	--	--	--
#2	25934	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48830-a-16-a Operator: SRP
Run Time: 01/27/12 12:14:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.682	.00487	.29052	1.5354	.00601	.02995	.01462
SDev	.013	.00281	.00008	.0004	.00002	.00025	.00004
%RSD	.03172	57.726	.02666	.02475	.24772	.83318	.29105
#1	41.692	.00288	.29057	1.5357	.00602	.03013	.01459
#2	41.673	.00686	.29046	1.5352	.00600	.02978	.01465

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1604.0	.09816	.12216	.14224	214.46	.03954	.20983
SDev	4.6	.00039	.00036	.00019	.38	.00004	.00050
%RSD	.28368	.40128	.29074	.13677	.17532	.10750	.23988
#1	1607.2	.09844	.12242	.14238	214.73	.03957	.21018

#2	1600.8	.09788	.12191	.14211	214.20	.03951	.20947

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01838	215.12	13.289	.02261	.24505	9.0617	15.402
SDev	.00228	.38	.025	.00015	.00076	.0055	.013
%RSD	12.395	.17437	.18883	.65357	.30996	.06049	.08476
#1	-.01999	215.38	13.307	.02250	.24559	9.0656	15.411
#2	-.01677	214.85	13.272	.02271	.24451	9.0578	15.393

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00344	5.0999	6.2079	8.0199	-.03178	.02355	.32552
SDev	.00022	.0343	.0033	.0027	.00232	.00134	.00060
%RSD	6.2584	.67281	.05331	.03361	7.2959	5.6674	.18364
#1	-.00329	5.1242	6.2103	8.0218	-.03342	.02450	.32594
#2	-.00359	5.0757	6.2056	8.0180	-.03014	.02261	.32509

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92775	.54355	.18839	.22055	-.01356	-.02079
SDev	.00195	.00112	.00115	.00018	.00588	.00048
%RSD	.21003	.20679	.60862	.08239	43.359	2.3002
#1	.92913	.54435	.18920	.22068	-.01771	-.02113
#2	.92638	.54276	.18758	.22042	-.00940	-.02045

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29114	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.1870107	--	--	--	--	--	--
#1	29076	--	--	--	--	--	--
#2	29153	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 12:18:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4700	.48033	.49377	.48699	.48722	.48102	.48413
SDev	.0054	.00098	.00116	.00006	.00069	.00183	.00041
%RSD	.21928	.20380	.23527	.01155	.14261	.38057	.08474
#1	2.4739	.47964	.49460	.48695	.48772	.47973	.48384
#2	2.4662	.48102	.49295	.48703	.48673	.48231	.48442

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.205	.47254	.47147	.49438	2.4726	.46464	.47428
SDev	.068	.00064	.00084	.00055	.0064	.00046	.00059
%RSD	.55442	.13430	.17858	.11096	.25831	.09992	.12360
#1	12.253	.47299	.47206	.49477	2.4680	.46496	.47470
#2	12.157	.47209	.47087	.49400	2.4771	.46431	.47387

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49478	4.7480	.47047	.48745	.40785	11.798	.95286
SDev	.00316	.0105	.00084	.00010	.00040	.011	.01277
%RSD	.63786	.22129	.17813	.02057	.09809	.08991	1.3400

#1	.49255	4.7555	.47106	.48752	.40756	11.806	.96189
#2	.49702	4.7406	.46987	.48738	.40813	11.791	.94383

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23928	12.214	11.884	.23834	.49141	.47813	.49867
SDev	.00007	.001	.003	.00013	.00676	.00113	.00018
%RSD	.02746	.00638	.02232	.05614	1.3754	.23689	.03656
#1	.23924	12.214	11.882	.23844	.48663	.47733	.49879
#2	.23933	12.213	11.885	.23825	.49619	.47893	.49854

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48772	.47090	.46026	.48130	.46598	.50924
SDev	.00070	.00032	.00007	.00092	.00664	.00141
%RSD	.14267	.06912	.01590	.19031	1.4254	.27748
#1	.48821	.47067	.46021	.48194	.46128	.50824
#2	.48722	.47113	.46031	.48065	.47068	.51024

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25310	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1815924	--	--	--	--	--	--
#1	25343	--	--	--	--	--	--
#2	25278	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/27/12 12:22:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04296	.00077	.00401	.00046	.00009	.00256	.00038
SDev	.00303	.00298	.00120	.00003	.00001	.00030	.00010
%RSD	7.0602	386.81	30.058	7.1818	11.130	11.868	26.983

#1	.04081	.00287	.00316	.00043	.00009	.00278	.00030
#2	.04510	-.00134	.00486	.00048	.00010	.00235	.00045

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03294	.00051	.00048	-.00039	.01314	-.00055	.00051
SDev	.00249	.00020	.00011	.00014	.00313	.00003	.00007
%RSD	7.5583	39.371	23.401	35.827	23.841	6.3912	13.650
#1	.03470	.00037	.00056	-.00029	.01093	-.00057	.00046
#2	.03118	.00065	.00040	-.00048	.01536	-.00052	.00056

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00022	-.06333	.00059	.00075	.00037	-.61106	.01043
SDev	.00200	.00036	.00000	.00000	.00006	.01297	.00013
%RSD	924.98	.56456	.34710	.40786	15.247	2.1222	1.2276
#1	.00163	-.06358	.00058	.00075	.00041	-.62023	.01052
#2	-.00120	-.06308	.00059	.00075	.00033	-.60190	.01034

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.03983	-.02076	.00015	.00282	-.00054	.00049
SDev	.00020	.02344	.00050	.00001	.00145	.00066	.00002
%RSD	111.27	58.852	2.4056	5.4857	51.525	121.58	4.1837
#1	.00004	-.02325	-.02111	.00014	.00385	-.00101	.00047
#2	.00032	-.05640	-.02040	.00015	.00179	-.00008	.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	-.00806	-.00210	.00182	-.00140	.00102
SDev	.00000	.00004	.00053	.00037	.00174	.00213
%RSD	.24857	.50219	25.178	20.311	124.80	208.40
#1	.00091	-.00803	-.00173	.00156	-.00016	.00253
#2	.00091	-.00808	-.00248	.00208	-.00263	-.00048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25256	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.3163663	--	--	--	--	--	--
#1	25313	--	--	--	--	--	--
#2	25200	--	--	--	--	--	--

Analysis Report 01/27/12 12:31:23 PM page 1

Method: 20076010 Sample Name: 600-48830-b-4-a Operator: SRP
Run Time: 01/27/12 12:27:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.064	.00844	.43743	3.5276	.00538	.03516	.01912
SDev	.048	.00060	.00160	.0003	.00001	.00022	.00010
%RSD	.13052	7.1016	.36586	.00879	.13072	.61383	.49511
#1	37.099	.00801	.43630	3.5274	.00538	.03501	.01919
#2	37.030	.00886	.43856	3.5278	.00537	.03532	.01905

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1841.6	.09468	.28054	.19507	226.92	.04031	.34976
SDev	7.4	.00046	.00148	.00034	.54	.00003	.00034
%RSD	.40141	.48169	.52711	.17314	.23853	.06184	.09565
#1	1846.8	.09501	.28159	.19531	227.30	.04029	.35000
#2	1836.3	.09436	.27950	.19483	226.54	.04033	.34952

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02985	33.824	31.733	.05711	.42001	8.0408	16.840
SDev	.00100	.069	.080	.00046	.00265	.0197	.012
%RSD	3.3418	.20533	.25222	.80067	.63037	.24507	.07399
#1	-.02914	33.873	31.790	.05743	.42188	8.0547	16.848
#2	-.03055	33.775	31.676	.05678	.41814	8.0268	16.831

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00190	7.5709	8.9072	12.433	-.03840	.02135	.25440
SDev	.00041	.1859	.0045	.005	.00293	.00158	.00017
%RSD	21.807	2.4561	.05102	.04039	7.6293	7.3750	.06569
#1	-.00161	7.7024	8.9104	12.437	-.03633	.02247	.25452
#2	-.00219	7.4394	8.9040	12.430	-.04048	.02024	.25428

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2448	.59665	.32350	.36289	-.02314	-.03320
SDev	.0028	.00079	.00344	.00122	.00006	.00147
%RSD	.22457	.13243	1.0626	.33535	.25203	4.4183
#1	1.2468	.59721	.32593	.36203	-.02309	-.03217
#2	1.2429	.59609	.32107	.36375	-.02318	-.03424

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27420	--	--	--	--	--	--
SDev	61.51829	--	--	--	--	--	--
%RSD	.2243596	--	--	--	--	--	--

#1	27376	--	--	--	--	--	--
#2	27463	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-71032/1-a Operator: SRP
Run Time: 01/27/12 12:31:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03742	.00014	.00338	.00165	-.00038	.00075	-.00006
SDev	.00009	.00172	.00290	.00000	.00001	.00028	.00001
%RSD	.24031	1242.9	85.858	.01220	1.3840	37.223	22.720
#1	.03749	.00136	.00543	.00165	-.00038	.00094	-.00006
#2	.03736	-.00108	.00133	.00165	-.00039	.00055	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07991	.00037	-.00021	-.00091	.01924	-.00083	.00084
SDev	.02646	.00005	.00019	.00018	.00202	.00002	.00010
%RSD	33.116	12.183	90.986	19.647	10.504	2.3890	11.345

#1	.09862	.00034	-.00007	-.00078	.02067	-.00085	.00091
#2	.06120	.00040	-.00034	-.00104	.01781	-.00082	.00078

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00194	-.06900	.00140	.00078	.00039	-.57894	.04089
SDev	.00009	.00194	.00033	.00063	.00044	.01153	.01513
%RSD	4.6142	2.8080	23.479	81.480	112.95	1.9923	36.997

#1	-.00188	-.07038	.00163	.00122	.00070	-.58709	.05159
#2	-.00201	-.06763	.00117	.00033	.00008	-.57078	.03019

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.02043	-.01870	.00015	-.00374	.02895	.00106
SDev	.00000	.03200	.00124	.00008	.00262	.00109	.00004
%RSD	.19504	156.63	6.6198	51.051	70.083	3.7715	3.6506

#1	.00008	-.04306	-.01958	.00021	-.00189	.02817	.00109
#2	.00008	.00220	-.01783	.00010	-.00559	.02972	.00103

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	-.00273	.00178	.00038	-.00725	.00071
SDev	.00008	.00006	.00008	.00010	.00074	.00050
%RSD	15.598	2.0774	4.4151	27.645	10.195	70.978

#1	.00044	-.00277	.00183	.00045	-.00777	.00107
#2	.00055	-.00269	.00172	.00030	-.00672	.00035

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/27/12 12:35:14 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25133	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1744345	--	--	--	--	--	--

#1	25164	--	--	--	--	--	--
#2	25102	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71032/2-a Operator: SRP
Run Time: 01/27/12 12:35:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.373	.75043	1.3303	2.5633	1.4540	.79578	.64592
SDev	.188	.01452	.0009	.0026	.0021	.00098	.00129
%RSD	.23958	1.9350	.06589	.10257	.14382	.12292	.19902

#1	78.506	.74016	1.3310	2.5651	1.4555	.79647	.64683
#2	78.241	.76070	1.3297	2.5614	1.4526	.79508	.64501

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.572	.94303	1.2761	1.0515	161.27	.08065	1.2889

SDev	.137	.00281	.0041	.0026	.36	.00003	.0007
%RSD	.15633	.29849	.32258	.24902	.22561	.03503	.05784
#1	87.669	.94502	1.2791	1.0534	161.53	.08067	1.2884
#2	87.475	.94104	1.2732	1.0497	161.01	.08063	1.2895

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8084	37.525	4.6830	.85533	1.0237	47.829	3.5986
SDev	.0009	.103	.0094	.00286	.0019	.013	.0095
%RSD	.04725	.27402	.20003	.33500	.18954	.02809	.26270
#1	1.8090	37.597	4.6896	.85736	1.0251	47.839	3.6052
#2	1.8078	37.452	4.6764	.85331	1.0223	47.820	3.5919

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44030	3.3769	6.5129	2.2858	1.5817	1.5063	3.7399
SDev	.00097	.0356	.0067	.0012	.0014	.0064	.0042
%RSD	.22111	1.0544	.10227	.05037	.08904	.42731	.11271
#1	.44099	3.3517	6.5176	2.2866	1.5827	1.5108	3.7429
#2	.43961	3.4021	6.5082	2.2850	1.5807	1.5017	3.7369

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58782	1.9486	1.2196	1.3236	1.6828	1.8711
SDev	.00116	.0030	.0032	.0005	.0028	.0001
%RSD	.19764	.15534	.26236	.03638	.16493	.00567
#1	.58864	1.9508	1.2173	1.3240	1.6848	1.8711

#2	.58700	1.9465	1.2218	1.3233	1.6808	1.8712

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27050	--	--	--	--	--	--
SDev	56.56854	--	--	--	--	--	--
%RSD	.2091259	--	--	--	--	--	--
#1	27010	--	--	--	--	--	--
#2	27090	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-3-d Operator: SRP
Run Time: 01/27/12 12:39:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.65	.02137	.10799	.77366	.00762	.07465	.00389
SDev	.19	.00590	.00094	.00065	.00001	.00078	.00016
%RSD	.16661	27.603	.87473	.08356	.14919	1.0401	4.0197
#1	113.78	.02555	.10732	.77411	.00762	.07410	.00400
#2	113.51	.01720	.10865	.77320	.00761	.07520	.00378

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1309.6	.16201	.05126	.08746	108.95	.05361	.13632
SDev	2.0	.00012	.00003	.00008	.09	.00013	.00022
%RSD	.15620	.07477	.04998	.08919	.07838	.23484	.16071
#1	1308.2	.16192	.05128	.08741	108.89	.05370	.13616
#2	1311.1	.16209	.05124	.08752	109.01	.05352	.13647

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00233	24.743	1.8379	.00414	.11839	32.386	5.3236
SDev	.00167	.003	.0017	.00135	.00018	.088	.0033
%RSD	71.591	.01101	.09097	32.704	.14973	.27203	.06188
#1	-.00115	24.745	1.8367	.00510	.11826	32.448	5.3259
#2	-.00351	24.741	1.8391	.00318	.11851	32.324	5.3212

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00186	.62968	.92146	.32682	-.01226	.02702	.24757
SDev	.00022	.03994	.00819	.00010	.00413	.00377	.00009
%RSD	11.640	6.3435	.88940	.03197	33.726	13.947	.03611
#1	-.00171	.60144	.91566	.32689	-.00933	.02968	.24764
#2	-.00202	.65793	.92725	.32674	-.01518	.02435	.24751

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33330	.26909	.10502	.15196	.00114	-.00406

SDev	.00046	.00034	.00082	.00074	.00256	.00122
%RSD	.13841	.12701	.78600	.48785	225.49	30.020
#1	.33298	.26885	.10561	.15144	.00295	-.00320
#2	.33363	.26933	.10444	.15249	-.00068	-.00493

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26212	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1213964	--	--	--	--	--	--
#1	26189	--	--	--	--	--	--
#2	26234	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-3-e du Operator: SRP
Run Time: 01/27/12 12:42:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	112.15	.00681	.09853	.75443	.00784	.07221	.00421
SDev	.16	.00078	.00090	.00013	.00002	.00028	.00014
%RSD	.14571	11.500	.91779	.01765	.19313	.38878	3.2015
#1	112.26	.00736	.09789	.75434	.00786	.07201	.00430
#2	112.03	.00625	.09916	.75453	.00783	.07241	.00411

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1302.0	.15627	.05073	.08819	121.29	.05321	.14052
SDev	.4	.00042	.00005	.00011	.02	.00006	.00068
%RSD	.03170	.26866	.09582	.12880	.01961	.11201	.48687
#1	1302.2	.15657	.05077	.08827	121.31	.05325	.14004
#2	1301.7	.15597	.05070	.08811	121.28	.05317	.14100

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00463	24.676	1.8198	.00134	.11990	32.565	4.6418
SDev	.00050	.012	.0012	.00089	.00006	.081	.0036
%RSD	10.789	.05022	.06523	66.527	.05182	.24825	.07796
#1	-.00428	24.684	1.8207	.00071	.11994	32.622	4.6444
#2	-.00498	24.667	1.8190	.00197	.11985	32.508	4.6393

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00156	.54748	.83435	.32192	-.01100	.02940	.23843
SDev	.00011	.05862	.00261	.00000	.00383	.00254	.00007
%RSD	6.9045	10.707	.31243	.00124	34.870	8.6373	.02903
#1	-.00149	.58893	.83619	.32192	-.00828	.03120	.23838
#2	-.00164	.50603	.83250	.32192	-.01371	.02761	.23848

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25689	.28833	.10955	.15601	.00256	-.00823
SDev	.00022	.00063	.00118	.00162	.00177	.00014
%RSD	.08498	.21907	1.0776	1.0362	69.278	1.6714
#1	.25705	.28877	.11038	.15486	.00381	-.00832
#2	.25674	.28788	.10871	.15715	.00131	-.00813

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26462	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--
%RSD	.0267216	--	--	--	--	--	--
#1	26457	--	--	--	--	--	--
#2	26467	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-3-f ms Operator: SRP
Run Time: 01/27/12 12:46:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	156.62	.30970	.97674	1.6223	.39456	.74704	.38046
SDev	.63	.00813	.00238	.0060	.00072	.00433	.00056
%RSD	.40101	2.6259	.24338	.36703	.18304	.57915	.14696

#1	156.18	.30394	.97506	1.6181	.39405	.74398	.38007
#2	157.07	.31545	.97842	1.6265	.39507	.75009	.38086

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1406.8	.95985	.77718	.96280	139.77	.60017	.88730
SDev	.6	.00199	.00161	.00233	.31	.00251	.00140
%RSD	.04321	.20718	.20730	.24186	.22496	.41753	.15761
#1	1406.4	.95844	.77604	.96115	139.54	.59840	.88631
#2	1407.2	.96126	.77832	.96445	139.99	.60195	.88829

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80136	36.662	2.5737	.69133	.76286	51.824	5.7948
SDev	.00336	.061	.0056	.00450	.00305	.198	.0136
%RSD	.41936	.16537	.21870	.65078	.39982	.38164	.23395
#1	.79898	36.619	2.5697	.68815	.76501	51.684	5.7852
#2	.80373	36.705	2.5777	.69452	.76070	51.964	5.8044

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43356	11.545	13.688	.77374	.80742	.77376	.59849
SDev	.00059	.042	.061	.00293	.00680	.00240	.00167

%RSD	.13562	.36701	.44765	.37877	.84202	.31026	.27903
#1	.43314	11.515	13.645	.77167	.80261	.77206	.59731
#2	.43398	11.575	13.732	.77581	.81223	.77546	.59967

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1613	1.1166	.81091	.92549	.74982	.82713
SDev	.0012	.0028	.00092	.00256	.00058	.00475
%RSD	.10671	.24971	.11387	.27654	.07739	.57436
#1	1.1604	1.1146	.81157	.92368	.74941	.82377
#2	1.1622	1.1186	.81026	.92730	.75023	.83048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25838	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0437871	--	--	--	--	--	--
#1	25830	--	--	--	--	--	--
#2	25846	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-3-g msd Operator: SRP
Run Time: 01/27/12 12:50:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	155.04	.33340	.99256	1.6266	.40534	.78248	.39179
SDev	.31	.00409	.00313	.0005	.00017	.00029	.00004

%RSD	.20185	1.2277	.31551	.02853	.04244	.03697	.01046
#1	155.26	.33051	.99035	1.6269	.40546	.78269	.39176
#2	154.82	.33629	.99478	1.6262	.40522	.78228	.39182

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1310.2	.94369	.79564	.97660	136.35	.60526	.90967
SDev	1.3	.00102	.00193	.00199	.01	.00065	.00064
%RSD	.10114	.10850	.24191	.20402	.00872	.10765	.06985
#1	1311.2	.94442	.79701	.97801	136.36	.60572	.90923
#2	1309.3	.94297	.79428	.97519	136.34	.60480	.91012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82052	36.405	2.5842	.72093	.77605	50.764	5.5357
SDev	.00105	.024	.0003	.00197	.00053	.109	.0049
%RSD	.12834	.06609	.01041	.27304	.06885	.21377	.08779
#1	.81977	36.422	2.5844	.72232	.77567	50.841	5.5391
#2	.82126	36.388	2.5840	.71953	.77643	50.687	5.5322

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43848	11.540	13.573	.77291	.83038	.79685	.62742
SDev	.00060	.143	.030	.00001	.00978	.00414	.00042
%RSD	.13699	1.2422	.22176	.00137	1.1774	.51953	.06778
#1	.43891	11.641	13.595	.77292	.82347	.79977	.62773
#2	.43806	11.438	13.552	.77290	.83730	.79392	.62712

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1401	1.1418	.83150	.94876	.75936	.85110
SDev	.0003	.0003	.00030	.00080	.00630	.00473
%RSD	.02202	.02366	.03642	.08451	.83015	.55593
#1	1.1403	1.1420	.83129	.94819	.76382	.84775
#2	1.1399	1.1416	.83172	.94933	.75490	.85444

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25998	--	--	--	--	--	--
SDev	70.00357	--	--	--	--	--	--
%RSD	.2692600	--	--	--	--	--	--
#1	25949	--	--	--	--	--	--
#2	26048	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49184-b-3-d Operator: SRP
Run Time: 01/27/12 12:54:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	120.47	.87563	.98522	1.6215	.39656	.94285	.39140
SDev	.03	.00642	.00066	.0006	.00106	.00140	.00085
%RSD	.02802	.73327	.06695	.03581	.26707	.14861	.21775
#1	120.49	.88017	.98475	1.6219	.39731	.94384	.39201
#2	120.44	.87109	.98569	1.6211	.39581	.94186	.39080

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1292.3	.91193	.78475	.96033	115.02	1.1470	.90358
SDev	2.7	.00156	.00228	.00164	.21	.0001	.00014
%RSD	.20939	.17064	.29062	.17085	.18446	.01016	.01547
#1	1294.2	.91303	.78636	.96149	115.17	1.1470	.90348
#2	1290.4	.91083	.78313	.95917	114.87	1.1469	.90368

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82560	31.769	2.5610	.82014	.76039	44.784	5.9127
SDev	.00713	.056	.0052	.00201	.00179	.006	.0091
%RSD	.86389	.17635	.20114	.24481	.23508	.01256	.15345

#1	.82056	31.808	2.5647	.82156	.76166	44.780	5.9191
#2	.83064	31.729	2.5574	.81872	.75913	44.788	5.9063

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43747	11.011	13.475	.74607	.82916	.81024	1.0806
SDev	.00089	.090	.001	.00029	.00238	.00236	.0015
%RSD	.20466	.81755	.00621	.03900	.28663	.29123	.13619
#1	.43810	11.074	13.475	.74627	.83084	.80857	1.0816
#2	.43683	10.947	13.476	.74586	.82748	.81191	1.0796

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1300	1.0881	.82875	.94099	.76356	.85662
SDev	.0025	.0011	.00241	.00142	.00421	.00859
%RSD	.21838	.10117	.29083	.15035	.55160	1.0031
#1	1.1318	1.0888	.83045	.93999	.76058	.85055
#2	1.1283	1.0873	.82704	.94199	.76653	.86270

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26146	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--
%RSD	.0540891	--	--	--	--	--	--
#1	26136	--	--	--	--	--	--
#2	26156	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49184-b-3-d@5 Operator: SRP
Run Time: 01/27/12 12:58:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.005	.00538	.02238	.15729	.00103	.01797	.00036
SDev	.000	.00055	.00112	.00028	.00001	.00012	.00007
%RSD	.00142	10.169	5.0068	.17855	1.1932	.64200	19.080
#1	22.006	.00576	.02317	.15709	.00104	.01805	.00040
#2	22.005	.00499	.02158	.15749	.00102	.01789	.00031

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	358.64	.03354	.01025	.01555	22.983	.00850	.02807
SDev	.35	.00000	.00019	.00007	.044	.00000	.00030
%RSD	.09746	.00415	1.8336	.43498	.19000	.03281	1.0836
#1	358.39	.03354	.01038	.01550	22.952	.00850	.02786
#2	358.88	.03354	.01012	.01559	23.014	.00850	.02829

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	5.1772	.38354	.00231	.02529	4.4698	1.0364
SDev	.00038	.0001	.00020	.00124	.00021	.0032	.0001
%RSD	135.39	.00249	.05247	53.622	.84408	.07259	.00918
#1	.00055	5.1772	.38340	.00318	.02514	4.4721	1.0364
#2	.00001	5.1771	.38369	.00143	.02544	4.4675	1.0365

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	.01810	.17905	.06387	-.00060	.00319	.05068
SDev	.00017	.06614	.00018	.00011	.00413	.00083	.00022
%RSD	34.280	365.48	.10139	.16505	694.03	25.990	.43177
#1	-.00060	-.02867	.17892	.06379	.00233	.00260	.05053
#2	-.00037	.06487	.17918	.06394	-.00352	.00378	.05084

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06743	.06220	.02149	.03137	.00130	-.00023
SDev	.00004	.00019	.00005	.00043	.00012	.00063
%RSD	.05656	.31332	.22204	1.3787	9.5526	272.41
#1	.06745	.06206	.02145	.03106	.00121	.00021
#2	.06740	.06234	.02152	.03167	.00139	-.00068

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25619	--	--	--	--	--	--
SDev	83.43860	--	--	--	--	--	--
%RSD	.3256903	--	--	--	--	--	--
#1	25678	--	--	--	--	--	--
#2	25560	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 13:02:14

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4060	.48217	.49217	.48976	.47078	.48268	.48710
SDev	.0028	.00503	.00372	.00037	.00147	.00109	.00027
%RSD	.11731	1.0439	.75663	.07531	.31251	.22505	.05500
#1	2.4080	.48573	.49481	.49002	.47182	.48344	.48729
#2	2.4040	.47861	.48954	.48950	.46974	.48191	.48691

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.982	.45806	.45208	.47980	2.4692	.45817	.46538
SDev	.029	.00206	.00144	.00052	.0137	.00042	.00042
%RSD	.23841	.44889	.31861	.10879	.55302	.09274	.08908

#1	12.003	.45952	.45310	.48017	2.4596	.45847	.46567
#2	11.962	.45661	.45106	.47943	2.4789	.45787	.46508

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48039	4.5991	.46031	.48000	.40689	11.622	.89536
SDev	.00375	.0134	.00122	.00008	.00110	.011	.00534
%RSD	.78015	.29226	.26563	.01734	.27066	.09281	.59607
#1	.47774	4.6086	.46118	.48006	.40767	11.630	.89913
#2	.48304	4.5896	.45945	.47994	.40611	11.614	.89158

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23504	11.944	11.718	.24132	.49947	.45872	.49146
SDev	.00039	.032	.012	.00013	.00304	.00019	.00103
%RSD	.16460	.27201	.10542	.05273	.60971	.04048	.20976
#1	.23531	11.967	11.727	.24141	.49732	.45885	.49219
#2	.23476	11.921	11.709	.24123	.50162	.45859	.49073

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47507	.47029	.43752	.47931	.44268	.49930
SDev	.00188	.00040	.00118	.00121	.00012	.00568
%RSD	.39501	.08499	.26864	.25235	.02685	1.1378
#1	.47640	.47057	.43669	.48016	.44277	.49529
#2	.47374	.47001	.43835	.47845	.44260	.50332

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25612	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1573649	--	--	--	--	--	--
#1	25641	--	--	--	--	--	--
#2	25584	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/27/12 13:06:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06089	.00285	.00144	.00027	-.00050	.00296	.00017
SDev	.00274	.00147	.00180	.00003	.00000	.00051	.00015
%RSD	4.4973	51.492	124.63	11.323	.86325	17.255	90.861
#1	.05895	.00389	.00017	.00029	-.00050	.00332	.00006
#2	.06282	.00181	.00272	.00025	-.00051	.00259	.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00352	.00018	.00009	-.00166	-.00551	-.00075	-.00037
SDev	.00118	.00000	.00007	.00039	.00901	.00000	.00008
%RSD	33.530	.37454	76.312	23.618	163.54	.63950	22.085
#1	.00269	.00018	.00004	-.00138	-.01187	-.00076	-.00031
#2	.00436	.00018	.00014	-.00194	.00086	-.00075	-.00043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	-.07231	.00026	.00149	-.00005	-.66279	-.00560
SDev	.00028	.00059	.00005	.00003	.00002	.00011	.00202
%RSD	17.053	.81706	19.048	2.0272	45.409	.01698	36.102
#1	.00181	-.07189	.00030	.00147	-.00004	-.66271	-.00417
#2	.00142	-.07273	.00023	.00151	-.00007	-.66287	-.00703

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.06868	-.02498	.00000	-.00023	.00005	.00026
SDev	.00003	.01012	.00022	.00003	.00073	.00078	.00015
%RSD	27.650	14.730	.87386	702.86	313.01	1692.9	55.675
#1	-.00012	-.06153	-.02483	.00003	.00028	-.00051	.00036
#2	-.00008	-.07584	-.02514	-.00002	-.00075	.00060	.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	-.00835	-.00180	.00035	.00308	.00088
SDev	.00008	.00009	.00100	.00062	.00034	.00059
%RSD	11.028	1.0429	55.412	179.50	11.143	66.222
#1	.00079	-.00829	-.00251	.00079	.00284	.00130
#2	.00068	-.00841	-.00110	-.00009	.00333	.00047

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25518	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1801122	--	--	--	--	--	--

#1	25551	--	--	--	--	--	--
#2	25486	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/27/12 13:09:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15534	.01042	.01257	.01054	.00406	.01088	.00517
SDev	.00285	.00066	.00009	.00001	.00006	.00091	.00002

%RSD	1.8333	6.3044	.67848	.07903	1.6120	8.3334	.34473
#1	.15333	.01088	.01251	.01053	.00410	.01152	.00515
#2	.15735	.00996	.01263	.01054	.00401	.01024	.00518

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10817	.00932	.00931	.00793	.10258	.00802	.00961
SDev	.00719	.00009	.00007	.00043	.00786	.00001	.00012
%RSD	6.6466	.97253	.79518	5.4356	7.6645	.16564	1.2866
#1	.11325	.00939	.00936	.00763	.10814	.00803	.00970
#2	.10309	.00926	.00925	.00824	.09702	.00802	.00953

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00976	.01294	.00989	.01027	.00863	-.10349	.00269
SDev	.00083	.00269	.00001	.00064	.00000	.00137	.00038
%RSD	8.5268	20.768	.07506	6.2318	.04883	1.3209	14.060
#1	.00917	.01483	.00989	.01072	.00864	-.10253	.00296
#2	.01035	.01104	.00988	.00982	.00863	-.10446	.00242

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	.53284	.50818	.00488	.00950	.00969	.01018
SDev	.00004	.00133	.00227	.00001	.00057	.00153	.00004
%RSD	.76027	.24866	.44636	.29664	5.9941	15.791	.37999
#1	.00484	.53190	.50658	.00487	.00990	.00861	.01016
#2	.00479	.53377	.50979	.00489	.00910	.01078	.01021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00996	.00132	.00900	.00992	.01261	.00833
SDev	.00012	.00008	.00057	.00010	.00170	.00210
%RSD	1.1909	5.8639	6.2850	.98120	13.464	25.179
#1	.00988	.00126	.00940	.00985	.01382	.00685
#2	.01004	.00137	.00860	.00999	.01141	.00981

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	25278	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.4335933	--	--	--	--	--	--
#1	25355	--	--	--	--	--	--
#2	25200	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/27/12 13:13:49
Comment: TRACE 61E

Analysis Report Blank Sample 01/27/12 01:17:36 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	482.87	.00066	.00045	.00169	-.00101	-.00131	.00084
SDev	2.48	.00197	.00203	.00002	.00000	.00014	.00001
%RSD	.51277	301.08	448.20	.95763	.44898	11.003	1.0617
#1	484.62	.00205	.00189	.00170	-.00101	-.00141	.00084
#2	481.12	-.00074	-.00098	.00167	-.00102	-.00121	.00083

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	438.09	.00126	-.00013	.01052	189.29	.00363	.00505
SDev	1.71	.00016	.00020	.00015	.87	.00004	.00135
%RSD	.39021	12.809	156.47	1.4014	.45844	1.1574	26.788
#1	439.30	.00114	.00001	.01062	189.90	.00366	.00601
#2	436.89	.00137	-.00027	.01041	188.68	.00360	.00410

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01575	474.89	-.00673	-.00126	.00073	-.55516	.00233
SDev	.00067	2.29	.00003	.00112	.00012	.00725	.00006
%RSD	4.2676	.48246	.45910	88.570	16.489	1.3050	2.6616
#1	-.01622	476.51	-.00675	-.00205	.00064	-.55004	.00229
#2	-.01527	473.27	-.00671	-.00047	.00081	-.56028	.00237

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00090	.00249	.13886	-.00878	-.00669	-.00610	-.00254
SDev	.00043	.12612	.00004	.00004	.00291	.00189	.00003
%RSD	47.936	5057.0	.02592	.46477	43.532	30.948	1.1229
#1	-.00059	.09168	.13889	-.00881	-.00463	-.00477	-.00256
#2	-.00120	-.08669	.13884	-.00875	-.00875	-.00744	-.00252

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00397	-.00809	-.08879	.05197	-.00217	-.02254
SDev	.00044	.00003	.00071	.00168	.00602	.00200
%RSD	11.190	.32537	.79615	3.2261	277.38	8.8889
#1	.00366	-.00808	-.08829	.05316	-.00643	-.02112
#2	.00429	-.00811	-.08929	.05079	.00209	-.02396

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23048	--	--	--	--	--	--
SDev	123.7437	--	--	--	--	--	--
%RSD	.5368839	--	--	--	--	--	--
#1	22961	--	--	--	--	--	--
#2	23136	--	--	--	--	--	--

Analysis Report Blank Sample 01/27/12 01:17:36 PM page 15

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/27/12 13:17:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	488.25	1.0027	1.0038	1.0244	.44659	1.0156	.46070
SDev	.24	.0063	.0015	.0030	.00063	.0029	.00041
%RSD	.04951	.63103	.14713	.29306	.14091	.28873	.08960
#1	488.08	.99821	1.0049	1.0223	.44703	1.0136	.46099
#2	488.42	1.0072	1.0028	1.0265	.44614	1.0177	.46041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	440.70	.87092	.82576	1.0277	196.51	1.2228	.89575
SDev	.98	.00124	.00146	.0025	.17	.0039	.00169
%RSD	.22320	.14278	.17731	.24235	.08850	.32034	.18823
#1	441.39	.87180	.82680	1.0259	196.63	1.2200	.89695
#2	440.00	.87004	.82473	1.0294	196.38	1.2255	.89456

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93875	478.24	.88366	.93921	.74433	14.370	.91018
SDev	.00265	.69	.00046	.00362	.00468	.029	.00058
%RSD	.28263	.14461	.05173	.38515	.62880	.20357	.06412
#1	.94063	478.73	.88399	.93665	.74764	14.349	.91060
#2	.93688	477.75	.88334	.94177	.74102	14.390	.90977

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50620	11.840	13.831	.49115	.97982	.87925	.96509
SDev	.00014	.062	.039	.00126	.00569	.00046	.00152
%RSD	.02778	.52303	.27879	.25731	.58042	.05267	.15724
#1	.50610	11.796	13.804	.49025	.97580	.87893	.96402
#2	.50630	11.883	13.859	.49204	.98384	.87958	.96617

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92156	.94052	.73225	.97750	.85654	.97986
SDev	.00092	.00065	.00741	.00118	.01553	.00379
%RSD	.10020	.06871	1.0121	.12034	1.8132	.38634
#1	.92222	.94098	.73749	.97667	.86752	.97718
#2	.92091	.94007	.72701	.97834	.84556	.98254

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23034	--	--	--	--	--	--

SDev	3.535534	--	--	--	--	--	--
%RSD	.0153495	--	--	--	--	--	--
#1	23031	--	--	--	--	--	--
#2	23036	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/27/12 13:21:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4622	.48071	.48479	.49493	.46096	.48460	.48761
SDev	.0249	.00230	.00187	.00042	.00128	.00135	.00076
%RSD	1.0098	.47788	.38485	.08507	.27781	.27876	.15523
#1	2.4798	.48233	.48611	.49463	.46187	.48555	.48814
#2	2.4446	.47908	.48347	.49522	.46006	.48364	.48707

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.901	.45053	.44246	.47435	2.4755	.45896	.46259
SDev	.039	.00087	.00079	.00104	.0030	.00031	.00042
%RSD	.32698	.19389	.17821	.21902	.12018	.06825	.09196
#1	11.928	.45115	.44301	.47508	2.4776	.45874	.46289
#2	11.873	.44992	.44190	.47361	2.4734	.45918	.46229

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47573	4.6004	.45530	.47911	.40254	11.661	.88053
SDev	.00223	.0357	.00082	.00125	.00068	.005	.00273
%RSD	.46795	.77540	.18130	.26068	.16804	.04630	.31030
#1	.47731	4.6257	.45588	.47999	.40302	11.665	.88246
#2	.47416	4.5752	.45471	.47823	.40206	11.657	.87859

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23433	11.888	11.724	.24406	.50763	.44847	.48947
SDev	.00045	.062	.017	.00014	.00187	.00181	.00038
%RSD	.19134	.52413	.14845	.05805	.36931	.40445	.07718
#1	.23465	11.932	11.711	.24396	.50895	.44975	.48974
#2	.23401	11.844	11.736	.24416	.50630	.44719	.48921

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46911	.47050	.42622	.48077	.42576	.50077
SDev	.00063	.00024	.00070	.00029	.00037	.00352
%RSD	.13362	.05095	.16469	.05972	.08647	.70361

#1	.46956	.47067	.42672	.48098	.42550	.50326
#2	.46867	.47033	.42573	.48057	.42602	.49828

Analysis Report Blank Sample 01/27/12 01:25:19 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25360	--	--	--	--	--	--
SDev	51.61879	--	--	--	--	--	--
%RSD	.2035401	--	--	--	--	--	--
#1	25324	--	--	--	--	--	--
#2	25397	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/27/12 13:25:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09075	.00316	.00443	.00049	-.00056	.00383	.00025
SDev	.02066	.00603	.00118	.00040	.00029	.00163	.00020
%RSD	22.766	190.84	26.596	81.968	52.168	42.578	78.754
#1	.10536	.00742	.00526	.00077	-.00035	.00498	.00039
#2	.07614	-.00110	.00359	.00020	-.00077	.00268	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01354	.00132	.00048	-.00114	.01244	-.00070	.00023
SDev	.02292	.00148	.00033	.00148	.01157	.00024	.00078
%RSD	169.25	112.20	68.988	129.60	93.033	34.419	346.64
#1	.02975	.00236	.00072	-.00010	.02062	-.00053	.00078
#2	-.00266	.00027	.00025	-.00218	.00426	-.00087	-.00033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00190	-.05867	.00047	.00229	.00051	-.66670	-.00882
SDev	.00101	.02137	.00039	.00043	.00002	.03999	.00653
%RSD	52.930	36.427	83.895	18.811	4.5190	5.9988	74.026
#1	.00262	-.04356	.00075	.00259	.00053	-.63842	-.00420
#2	.00119	-.07378	.00019	.00198	.00049	-.69498	-.01344

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00181	-.01919	.00009	.00208	-.00080	.00057
SDev	.00006	.05999	.00677	.00019	.00404	.00074	.00073
%RSD	137.81	3305.3	35.294	222.27	194.48	92.446	128.53
#1	.00000	.04423	-.01440	.00022	.00494	-.00028	.00109
#2	.00008	-.04060	-.02397	-.00005	-.00078	-.00133	.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00148	-.00819	.00089	-.00011	.00521	.00025
SDev	.00130	.00051	.00052	.00143	.00131	.00217
%RSD	87.495	6.2192	57.807	1340.8	25.119	870.50

#1	.00240	-.00783	.00053	.00091	.00429	.00178
#2	.00057	-.00855	.00126	-.00112	.00614	-.00128

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25612	--	--	--	--	--	--
SDev	306.1773	--	--	--	--	--	--
%RSD	1.195468	--	--	--	--	--	--
#1	25828	--	--	--	--	--	--
#2	25395	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Batch Number: 70081 Batch Start Date: 01/14/12 08:30 Batch Analyst: Lige, Derrick C

Batch Method: 200.7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00035	METHNO3 00025	METSPIKEA 00010	METSPIKEB 00011
MB 600-70081/1		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-70081/2		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#3
Pipette ID	MPH
Temperature	93.8 Degrees C.
ID number of the thermometer	#515

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Batch Number: 70081 Batch Start Date: 01/14/12 08:30 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00035	METHNO3 00025		
600-48830-B-17	EQUIPMENT BLANK 6	3010A, 6010B	T	50 mL	50 mL	2.5 mL	2.5 mL		

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#3
Pipette ID	MPH
Temperature	93.8 Degrees C.
ID number of the thermometer	#515

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Batch Number: 70087 Batch Start Date: 01/14/12 11:21 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00035	METHNO3 00025	METSLCSS 00016
MB 600-70087/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-70087/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-48830-B-1	2012-SED-10	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-2	2012-SED-11	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-3	2012-SED-12	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-5	2012-SED-14	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-6	2012-SED-15	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-7	2012-SED-16	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-8	2012-SED-17	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-9	2012-SED-18	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-10	2012-SED-19	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-11	2012-SED-20	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-12	2012-SED-21	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-12 DU	2012-SED-21	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-A-12 MS	2012-SED-21	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-A-12 MSD	2012-SED-21	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-13	2012-SED-22	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-14	2012-SED-23	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-15	2012-SED-24	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-A-16	2012-SED-25	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-48830-B-4	2012-SED-13	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
MB 600-70087/1		3050B, 6010B							
LCS 600-70087/2		3050B, 6010B							
600-48830-B-1	2012-SED-10	3050B, 6010B	T						
600-48830-B-2	2012-SED-11	3050B, 6010B	T						
600-48830-B-3	2012-SED-12	3050B, 6010B	T						
600-48830-B-5	2012-SED-14	3050B, 6010B	T						
600-48830-B-6	2012-SED-15	3050B, 6010B	T						
600-48830-B-7	2012-SED-16	3050B, 6010B	T						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Batch Number: 70087 Batch Start Date: 01/14/12 11:21 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
600-48830-B-8	2012-SED-17	3050B, 6010B	T						
600-48830-B-9	2012-SED-18	3050B, 6010B	T						
600-48830-B-10	2012-SED-19	3050B, 6010B	T						
600-48830-B-11	2012-SED-20	3050B, 6010B	T						
600-48830-B-12	2012-SED-21	3050B, 6010B	T						
600-48830-B-12 DU	2012-SED-21	3050B, 6010B	T						
600-48830-A-12 MS	2012-SED-21	3050B, 6010B	T	250 uL	250 uL				
600-48830-A-12 MSD	2012-SED-21	3050B, 6010B	T	250 uL	250 uL				
600-48830-B-13	2012-SED-22	3050B, 6010B	T						
600-48830-B-14	2012-SED-23	3050B, 6010B	T						
600-48830-B-15	2012-SED-24	3050B, 6010B	T						
600-48830-A-16	2012-SED-25	3050B, 6010B	T						
600-48830-B-4	2012-SED-13	3050B, 6010B	T						

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-SED-10	600-48830-1
2012-SED-11	600-48830-2
2012-SED-12	600-48830-3
2012-SED-13	600-48830-4
2012-SED-14	600-48830-5
2012-SED-15	600-48830-6
2012-SED-16	600-48830-7
2012-SED-17	600-48830-8
2012-SED-18	600-48830-9
2012-SED-19	600-48830-10
2012-SED-20	600-48830-11
2012-SED-21	600-48830-12
2012-SED-22	600-48830-13
2012-SED-23	600-48830-14
2012-SED-24	600-48830-15
2012-SED-25	600-48830-16

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48830-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-SED-10	600-48830-1
2012-SED-11	600-48830-2
2012-SED-12	600-48830-3
2012-SED-13	600-48830-4
2012-SED-14	600-48830-5
2012-SED-15	600-48830-6
2012-SED-16	600-48830-7
2012-SED-17	600-48830-8
2012-SED-19	600-48830-10
2012-SED-20	600-48830-11
2012-SED-21	600-48830-12
2012-SED-22	600-48830-13
2012-SED-23	600-48830-14
2012-SED-24	600-48830-15
2012-SED-25	600-48830-16
EQUIPMENT BLANK 6	600-48830-17

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-10 Lab Sample ID: 600-48830-1

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 08:33

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	6.99	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-11 Lab Sample ID: 600-48830-2

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 08:55

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	10.0	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-12 Lab Sample ID: 600-48830-3

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 09:24

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	10.7	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-13 Lab Sample ID: 600-48830-4

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 09:40

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	3.78	4.00	1.70	g/Kg	J		1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-14 Lab Sample ID: 600-48830-5

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 10:02

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	10.1	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-15 Lab Sample ID: 600-48830-6

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 10:20

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	10.7	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-16 Lab Sample ID: 600-48830-7

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 11:06

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	9.60	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-17 Lab Sample ID: 600-48830-8

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 11:31

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	13.9	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-19 Lab Sample ID: 600-48830-10

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 14:00

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	15.1	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-20 Lab Sample ID: 600-48830-11

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 14:16

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	22.1	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-21 Lab Sample ID: 600-48830-12

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 14:35

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	32.6	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-22 Lab Sample ID: 600-48830-13

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 15:06

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	26.5	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-23 Lab Sample ID: 600-48830-14

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 15:43

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	42.4	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-24 Lab Sample ID: 600-48830-15

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 16:00

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	8.68	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-SED-25 Lab Sample ID: 600-48830-16

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 16:35

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	35.5	4.00	1.70	g/Kg			1	9060A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EQUIPMENT BLANK 6 Lab Sample ID: 600-48830-17

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG ID.:

Matrix: Water Date Sampled: 01/12/2012 16:50

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	0.340	1.00	0.155	mg/L	J		1	9060A

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Analyst: GEY Batch Start Date: 01/20/2012

Reporting Units: mg/L Analytical Batch No.: 104369

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	18:20	Total Organic Carbon - Duplicates	20.15	20.0	101	90-110		TOC ICV Daily_00423
2	ICB	19:07	Total Organic Carbon - Duplicates	0.155				U	
12	CCV	22:19	Total Organic Carbon - Duplicates	25.93	25.0	104	90-110		TOC LCS Daily_00423
13	CCB	22:36	Total Organic Carbon - Duplicates	0.155				U	
24	CCV	02:41	Total Organic Carbon - Duplicates	25.17	25.0	101	90-110		TOC LCS Daily_00423
25	CCB	02:59	Total Organic Carbon - Duplicates	0.155				U	
36	CCV	06:10	Total Organic Carbon - Duplicates	25.17	25.0	101	90-110		TOC LCS Daily_00423
37	CCB	06:30	Total Organic Carbon - Duplicates	0.155				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Analyst: PMP Batch Start Date: 01/24/2012

Reporting Units: g/Kg Analytical Batch No.: 104671

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	13:13	Total Organic Carbon	120.9	120	101	90-110		STOC ICV Std_00001
2	ICB	13:19	Total Organic Carbon	1.70				U	
16	CCV	15:47	Total Organic Carbon	119.7	120	100	90-110		STOC CAL 3_00004
17	CCB	15:52	Total Organic Carbon	1.70				U	
25	CCV	16:13	Total Organic Carbon	123.2	120	103	90-110		STOC CAL 3_00004
26	CCB	16:15	Total Organic Carbon	1.70				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 104369	Date: 01/20/2012 19:58						
9060A	MB 280-104369/5	Total Organic Carbon - Duplicates	0.155	U	mg/L	1.00	1
Batch ID: 104671	Date: 01/24/2012 13:30						
9060A	MB 280-104671/5	Total Organic Carbon	1.70	U	g/Kg	4.00	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104671 Date: 01/24/2012 15:57											
9060A	600-48830-12	Total Organic Carbon	32.6		g/Kg						
9060A	600-48830-12 MS	Total Organic Carbon	170.8		g/Kg	120	115	46-130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104671 Date: 01/24/2012 16:00											
9060A	600-48830-12 MSD	Total Organic Carbon	184.8		g/Kg	120	127	46-130	8	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104671 Date: 01/24/2012 13:25											
						LCS Source: STOC LCS Std_00003					
9060A	LCS 280-104671/3	Total Organic Carbon	3.856	J	g/Kg	4.11	94	46-130	2	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104369		Date: 01/20/2012 19:22									
						LCS Source:	TOC LCS Daily_00423				
9060A	LCS 280-104369/3	Total Organic Carbon - Duplicates	25.72		mg/L	25.0	103	88-112	1	15	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104671		Date: 01/24/2012 13:28									
						LCSD Source: STOC LCS Std_00003					
9060A	LCSD 280-104671/4	Total Organic Carbon	3.949	J	g/Kg	4.11	96	46-130	2	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 104369		Date: 01/20/2012 19:41									
						LCSD Source: TOC LCS Daily_00423					
9060A	LCSD 280-104369/4	Total Organic Carbon - Duplicates	25.59		mg/L	25.0	102	88-112	1	15	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48830-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48830-1

SDG Number:

Matrix: Solid Instrument ID: WC_Leco

Method: 9060A MDL Date: 05/05/2011 09:17

Analyte	Wavelength/ Mass	RL (g/Kg)	MDL (g/Kg)
Total Organic Carbon		4	1.7

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48830-1

SDG Number:

Matrix: Solid Instrument ID: WC_Leco

Method: 9060A XMDL Date: 03/24/2010 14:20

Analyte	Wavelength/ Mass	XRL (g/Kg)	XMDL (g/Kg)
Total Organic Carbon		4	1.7

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48830-1

SDG Number:

Matrix: Water Instrument ID: WC_SHI2

Method: 9060A MDL Date: 03/28/2011 11:39

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon - Duplicates		1	0.155

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 600-48830-1

SDG Number:

Matrix: Water Instrument ID: WC_SHI2

Method: 9060A XMDL Date: 03/28/2011 11:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Organic Carbon - Duplicates		1	0.155

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/16/2012 11:32 End Date: 01/16/2012 11:32

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:32																					
ZZZZZZ			11:32																					
ZZZZZZ			11:32																					
ZZZZZZ			11:32																					
ZZZZZZ			11:32																					
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ZZZZZZ			11:32																					
600-48830-1	1	T	11:32	X	X																			
600-48830-2	1	T	11:32	X	X																			
600-48830-3	1	T	11:32	X	X																			
600-48830-4	1	T	11:32	X	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/16/2012 11:32 End Date: 01/16/2012 11:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
600-48830-5	1	T	11:32	X	X																		
600-48830-6	1	T	11:32	X	X																		
600-48830-7	1	T	11:32	X	X																		
600-48830-7 DU	1	T	11:32	X	X																		
600-48830-8	1	T	11:32	X	X																		
600-48830-9	1	T	11:32	X	X																		
600-48830-10	1	T	11:32	X	X																		
600-48830-11	1	T	11:32	X	X																		
600-48830-12	1	T	11:32	X	X																		
600-48830-13	1	T	11:32	X	X																		
600-48830-14	1	T	11:32	X	X																		
600-48830-15	1	T	11:32	X	X																		
600-48830-16	1	T	11:32	X	X																		
ZZZZZZ			11:32																				
ZZZZZZ			11:32																				
ZZZZZZ			11:32																				
ZZZZZZ			11:32																				
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ZZZZZZ			11:32																				
ZZZZZZ			11:32																				
ZZZZZZ			11:32																				
600-48830-12 MS	1	T	11:32	X	X																		
600-48830-12 MSD	1	T	11:32	X	X																		
ZZZZZZ			11:32																				
ZZZZZZ			11:32																				
ZZZZZZ			11:32																				
ZZZZZZ			11:32																				
ZZZZZZ			11:32																				
ZZZZZZ			11:32																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Instrument ID: WC_Leco Method: 9060A

Start Date: 01/24/2012 13:13 End Date: 01/24/2012 16:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOC																			
ICV 280-104671/1	1		13:13	X																			
ICB 280-104671/2	1		13:19	X																			
LCS 280-104671/3	1	T	13:25	X																			
LCSD 280-104671/4	1	T	13:28	X																			
MB 280-104671/5	1	T	13:30	X																			
600-48830-1	1	T	14:50	X																			
600-48830-2	1	T	14:52	X																			
600-48830-3	1	T	15:29	X																			
600-48830-4	1	T	15:32	X																			
600-48830-5	1	T	15:34	X																			
600-48830-6	1	T	15:36	X																			
600-48830-7	1	T	15:38	X																			
600-48830-8	1	T	15:40	X																			
600-48830-10	1	T	15:42	X																			
600-48830-11	1	T	15:45	X																			
CCV 280-104671/16	1		15:47	X																			
CCB 280-104671/17	1		15:52	X																			
600-48830-12	1	T	15:54	X																			
600-48830-12 MS	1	T	15:57	X																			
600-48830-12 MSD	1	T	16:00	X																			
600-48830-13	1	T	16:03	X																			
600-48830-14	1	T	16:05	X																			
600-48830-15	1	T	16:08	X																			
600-48830-16	1	T	16:10	X																			
CCV 280-104671/25	1		16:13	X																			
CCB 280-104671/26	1		16:15	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Instrument ID: WC_SHI2 Method: 9060A

Start Date: 01/20/2012 18:20 End Date: 01/21/2012 09:58

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOCD																			
ICV 280-104369/1	1		18:20	X																			
ICB 280-104369/2	1		19:07	X																			
LCS 280-104369/3	1	T	19:22	X																			
LCSD 280-104369/4	1	T	19:41	X																			
MB 280-104369/5	1	T	19:58	X																			
ZZZZZZ			20:19																				
ZZZZZZ			20:39																				
ZZZZZZ			20:57																				
ZZZZZZ			21:14																				
ZZZZZZ			21:42																				
ZZZZZZ			22:02																				
CCV 280-104369/12	1		22:19	X																			
CCB 280-104369/13	1		22:36	X																			
ZZZZZZ			23:05																				
ZZZZZZ			23:27																				
ZZZZZZ			23:51																				
ZZZZZZ			00:26																				
ZZZZZZ			00:49																				
ZZZZZZ			01:08																				
ZZZZZZ			01:28																				
ZZZZZZ			01:46																				
ZZZZZZ			02:04																				
ZZZZZZ			02:23																				
CCV 280-104369/24	1		02:41	X																			
CCB 280-104369/25	1		02:59	X																			
600-48830-17	1	T	03:15	X																			
ZZZZZZ			03:33																				
ZZZZZZ			03:51																				
ZZZZZZ			04:09																				
ZZZZZZ			04:26																				
ZZZZZZ			04:45																				
ZZZZZZ			05:02																				
ZZZZZZ			05:17																				
ZZZZZZ			05:33																				
ZZZZZZ			05:52																				
CCV 280-104369/36	1		06:10	X																			
CCB 280-104369/37	1		06:30	X																			
ZZZZZZ			06:45																				
ZZZZZZ			07:04																				
ZZZZZZ			07:20																				
ZZZZZZ			07:38																				
ZZZZZZ			07:58																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Instrument ID: WC_SHI2 Method: 9060A

Start Date: 01/20/2012 18:20 End Date: 01/21/2012 09:58

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOCD																			
ZZZZZZ			08:15																				
ZZZZZZ			08:31																				
ZZZZZZ			08:49																				
ZZZZZZ			09:05																				
ZZZZZZ			09:23																				
CCV 280-104369/48			09:39																				
CCB 280-104369/49			09:58																				

Prep Types

T = Total/NA

Wet Chemistry Data Review Checklist
For Tests with Calibration Curves

Test Name/ Method #: TOC / 9060 **SOP #** DUWC0048

Instrument: Lee **Analyst:** P. Plumb **Analysis Date:** 1/24/12

Lot / Sample Numbers	Matrix	Prep Batch	Batch	Method	Special Inst
600-48830-1-8, 10-16	SOL	NA	104671	9060	

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Minimum of five standards in ICAL or as specified in method?	✓			✓
2. Correlation coefficient ≥ 0.995 ?	✓			✓
3. Second-source ICV analyzed, and recovery within acceptance limits?	✓			✓
4. ICB analyzed immediately after the ICV & results < the RL	✓			✓
5. CCV analyzed after every ten samples & recovery within acceptance limits?	✓			✓
6. CCB analyzed after every CCV & results < RL?	✓			✓
7. Absolute value of the intercept is < ± ½ the RL?	✓			✓
B. Sample Results				
1. All samples greater than highest calibration standard diluted and reanalyzed?			✓	✓
2. Do associated RLs/MDLs reflect dilutions or limited sample volume?			✓	✓
3. All reported results bracketed by in control CCV results?	✓			✓
4. Sample analyses done within holding time?	✓			✓
5. Initial pH check documented for all samples? (If Applicable)			✓	✓
6. Preparation benchsheet completed and included in package?	✓			✓
7. Client requirements reviewed and met?	✓			✓
8. Were data manually transcribed from instrument printouts into TALS verified 100% including significant figures and correct units? (If Applicable)	✓			✓
9. Do the prep and analysis dates in TALS reflect the actual dates?	✓			✓
11. Raw data copies prepared, scanned, and uploaded?	✓			✓
12. Manual integrations done properly and initialed and dated?			✓	✓
13. STD/True Value information is updated and included?	✓			✓
C. Preparation/Matrix QC				
1. Method blank < RL or all reported samples > 10x blank have NCM?	✓			✓
2. Method blank < ½ RL or NCM provided?	✓			✓
3. LCS/LCSD run for batch and within QC limits?	✓			✓
4. MS/MSD run at required frequency and within limits or NCM written?	✓			✓
5. DUP run at required frequency and RPD within acceptance limits or NCM written?			✓	✓

Analyst: P. Plumb **Date:** 1/25/12

2nd Level Reviewer : [signature] **Date:** 1/25/12

Wet Chemistry Data Review Checklist
For Tests with Calibration Curves

Test Name/ Method #: TOC **SOP #** DV-WC-0006

Instrument: SHI2 **Analyst:** G Yates **Analysis Date:** 1-20-12

Lot / Sample Numbers	Matrix	Prep Batch	Batch	Method	Special Inst
24799	Aq	—	104369	9060	AA
24693, 24777, 24824		—		9060 SM5310B	—
24827, 24845, 24846		—			—
24849,		—			—
600-48724		—		9060A	—
600-48830		—			—

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Minimum of five standards in ICAL or as specified in method?	✓			✓
2. Correlation coefficient ≥ 0.995 ?	✓			✓
3. Second-source ICV analyzed, and recovery within acceptance limits?	✓			✓
4. ICB analyzed immediately after the ICV & results < the RL	✓			✓
5. CCV analyzed after every ten samples & recovery within acceptance limits?	✓			✓
6. CCB analyzed after every CCV & results < RL?	✓			✓
7. Absolute value of the intercept is < ± ½ the RL?	✓			✓
B. Sample Results				
1. All samples greater than highest calibration standard diluted and reanalyzed?	✓			✓
2. Do associated RLs/MDLs reflect dilutions or limited sample volume?	✓			✓
3. All reported results bracketed by in control CCV results?	✓			✓
4. Sample analyses done within holding time?	✓			✓
5. Initial pH check documented for all samples? (If Applicable)	✓			✓
6. Preparation benchsheet completed and included in package?			✓	✓
7. Client requirements reviewed and met?	✓			✓
8. Were data manually transcribed from instrument printouts into TALS verified 100% including significant figures and correct units? (If Applicable)			✓	✓
9. Do the prep and analysis dates in TALS reflect the actual dates?	✓			✓
11. Raw data copies prepared, scanned, and uploaded?	✓			✓
12. Manual integrations done properly and initialed and dated?			✓	✓
13. STD/True Value information is updated and included?	✓			✓
C. Preparation/Matrix QC				
1. Method blank < RL or all reported samples > 10x blank have NCM?	✓			✓
2. Method blank < ½ RL or NCM provided?	✓			✓
3. LCS/LCSD run for batch and within QC limits?	✓			✓
4. MS/MSD run at required frequency and within limits or NCM written?	✓			✓
5. DUP run at required frequency and RPD within acceptance limits or NCM written?			✓	✓

Analyst: [signature] **Date:** 1-21-12

2nd Level Reviewer : [signature] **Date:** 1/23/12

1/24

	Analysis	Sample Name	Dilution	Result	Date / Time	Vial
1	NPOC	ICV	1.000	NPOC:20.03ppm	01/20/2012 06:27:45 PM	1
2	NPOC	ICB	1.000	NPOC:0.00050ppm	01/20/2012 07:11:50 PM	2
3	NPOC	LCS	1.000	NPOC:25.56ppm	01/20/2012 07:30:17 PM	7
4	NPOC	LCSD	1.000	NPOC:25.41ppm	01/20/2012 07:48:41 PM	8
5	NPOC	MB	1.000	NPOC:0.00037ppm	01/20/2012 08:06:51 PM	9
6	NPOC	280-24693-d-1	5.000	NPOC:30.56ppm	01/20/2012 08:25:33 PM	10
7	NPOC	MS 280-24693-d-1	5.000	NPOC:167.2ppm	01/20/2012 08:46:07 PM	11
8	NPOC	MSD 280-24693-d-1	5.000	NPOC:169.7ppm	01/20/2012 09:04:14 PM	12
9	NPOC	280-24799-a-4	1.000	NPOC:7.611ppm	01/20/2012 09:20:57 PM	13
10	NPOC	280-24827-c-2	1.000	NPOC:420.8ppm	01/20/2012 09:51:12 PM	14
11	NPOC	280-24827-c-3	1.000	NPOC:19.30ppm	01/20/2012 10:08:45 PM	15
12	NPOC	CCV	1.000	NPOC:25.64ppm	01/20/2012 10:26:47 PM	16
13	NPOC	CCB	1.000	NPOC:0.02439ppm	01/20/2012 10:40:49 PM	17
14	NPOC	280-24827-c-4	1.000	NPOC:396.2ppm	01/20/2012 11:13:52 PM	18
15	NPOC	600-48724-a-10	1.000	NPOC:0.2786ppm	01/20/2012 11:32:09 PM	19
16	NPOC	280-24845-l-2	1.000	NPOC:139.7ppm	01/21/2012 12:02:31 AM	20
17	NPOC	280-24845-l-3	1.000	NPOC:340.0ppm	01/21/2012 12:35:15 AM	21
18	NPOC	280-24845-l-4	1.000	NPOC:86.89ppm	01/21/2012 12:57:23 AM	22
19	NPOC	280-24845-l-5	1.000	NPOC:25.64ppm	01/21/2012 01:15:52 AM	23
20	NPOC	280-24777-c-4	1.000	NPOC:3.027ppm	01/21/2012 01:35:48 AM	24
21	NPOC	MS 280-24777-c-4	1.000	NPOC:28.35ppm	01/21/2012 01:53:33 AM	25
22	NPOC	MSD 280-24777-c-4	1.000	NPOC:28.55ppm	01/21/2012 02:11:30 AM	26
23	NPOC	280-24777-b-8	1.000	NPOC:6.200ppm	01/21/2012 02:30:11 AM	27
24	NPOC	CCV	1.000	NPOC:25.13ppm	01/21/2012 02:48:11 AM	28
25	NPOC	CCB	1.000	NPOC:0.02369ppm	01/21/2012 03:03:46 AM	29
26	NPOC	600-48830-a-17	1.000	NPOC:0.3363ppm	01/21/2012 03:22:04 AM	30
27	NPOC	280-24846-d-1	1.000	NPOC:1.384ppm	01/21/2012 03:41:16 AM	31
28	NPOC	280-24846-d-3	1.000	NPOC:2.532ppm	01/21/2012 03:57:07 AM	32
29	NPOC	280-24846-d-4	1.000	NPOC:2.116ppm	01/21/2012 04:14:59 AM	33
30	NPOC	280-24846-d-5	1.000	NPOC:17.68ppm	01/21/2012 04:32:56 AM	34
31	NPOC	280-24846-d-8	1.000	NPOC:2.278ppm	01/21/2012 04:50:38 AM	35
32	NPOC	280-24849-b-1	1.000	NPOC:0.8010ppm	01/21/2012 05:07:43 AM	36
33	NPOC	280-24849-b-2	1.000	NPOC:0.5116ppm	01/21/2012 05:22:45 AM	37
34	NPOC	LCS	1.000	NPOC:25.29ppm	01/21/2012 05:40:50 AM	38
35	NPOC	LCSD	1.000	NPOC:24.89ppm	01/21/2012 05:59:15 AM	39
36	NPOC	CCV	1.000	NPOC:25.01ppm	01/21/2012 06:17:27 AM	40
37	NPOC	CCB	1.000	NPOC:0.05099ppm	01/21/2012 06:34:35 AM	41
38	NPOC	MB	1.000	NPOC:0.03725ppm	01/21/2012 06:50:07 AM	42
39	NPOC	280-24824-c-2	1.000	NPOC:3.360ppm	01/21/2012 07:10:05 AM	43
40	NPOC	MS 280-24824-c-2	1.000	NPOC:28.90ppm	01/21/2012 07:27:53 AM	44
41	NPOC	MSD 280-24824-c-2	1.000	NPOC:28.92ppm	01/21/2012 07:45:47 AM	45
42	NPOC	280-24824-c-3	1.000	NPOC:4.253ppm	01/21/2012 08:04:00 AM	46
43	NPOC	280-24824-c-4	1.000	NPOC:1.415ppm	01/21/2012 08:21:31 AM	47
44	NPOC	280-24824-c-5	1.000	NPOC:1.645ppm	01/21/2012 08:37:10 AM	48
45	NPOC	280-24824-c-6	1.000	NPOC:3.123ppm	01/21/2012 08:55:10 AM	49
46	NPOC	280-24824-c-7	1.000	NPOC:2.172ppm	01/21/2012 09:11:05 AM	50
47	NPOC	280-24824-c-8	1.000	NPOC:1.686ppm	01/21/2012 09:28:37 AM	51
48	NPOC	CCV	1.000	NPOC:25.08ppm	01/21/2012 09:46:43 AM	52
49	NPOC	CCB	1.000	NPOC:0.00176ppm	01/21/2012 10:02:16 AM	53

TOC-V Cal Curve Information
1-50 PPM TOC.2011_12_28_20_39_00.cal

Date of Creation	11:15:53 AM 10/28/2005
User	DEANN
System	TOC-VCSH

Cal. Curve

Sample Name:	cal
Sample ID:	CAL
Cal. Curve:	1-50 PPM TOC.2011_12_28_20_39_00.cal
Status	Completed
Comment:	

Type	Anal.
Standard	NPOC

Conc: 0.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	0.5556	50uL	1	*******		12/28/2011 08:49:03 F
2	0.5150	50uL	1	*******		12/28/2011 08:50:31 F

Acid Add.	1.500%
Sp. Time	90.00sec
Mean Area	0.5353
SD Area	0.02871
CV Area	5.36%
Vial	88

Conc: 1.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	4.704	50uL	1	*******		12/28/2011 09:00:50 F
2	4.803	50uL	1	*******		12/28/2011 09:02:47 F

Acid Add.	1.500%
Sp. Time	90.00sec
Mean Area	4.754
SD Area	0.07000
CV Area	1.47%
Vial	89

Conc: 5.000mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	21.58	50uL	1	*******		12/28/2011 09:13:27 F
2	21.68	50uL	1	*******		12/28/2011 09:15:43 F

Acid Add.	1.500%
Sp. Time	90.00sec
Mean Area	21.63
SD Area	0.07071
CV Area	0.33%
Vial	90

Conc: 10.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	41.37	50uL	1	*******		12/28/2011 09:26:24 P
2	41.01	50uL	1	*******		12/28/2011 09:28:38 P

Acid Add.	1.500%
Sp. Time	90.00sec
Mean Area	41.19
SD Area	0.2546
CV Area	0.62%
Vial	91

Conc: 25.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	108.2	50uL	1	*******		12/28/2011 09:39:36 P
2	108.2	50uL	1	*******		12/28/2011 09:42:04 P

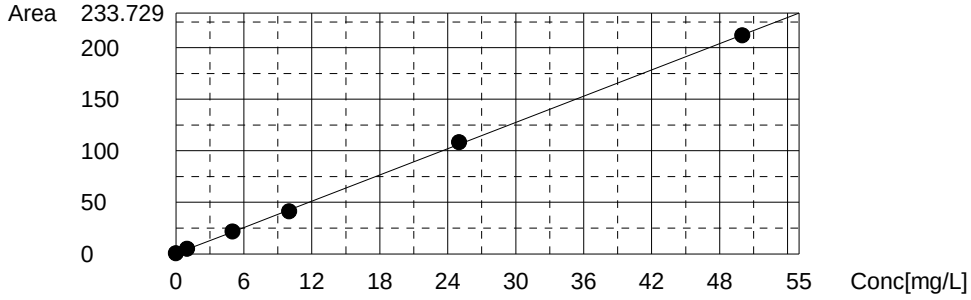
Acid Add.	1.500%
Sp. Time	90.00sec
Mean Area	108.2
SD Area	0.000
CV Area	0.00%
Vial	92

Conc: 50.00mg/L

No.	Area	Inj. Vol.	Aut. Dil.	Rem.	Ex.	Date / Time
1	211.4	50uL	1	*******		12/28/2011 09:53:12 P
2	212.4	50uL	1	*******		12/28/2011 09:55:43 P

Acid Add.	1.500%
Sp. Time	90.00sec
Mean Area	211.9
SD Area	0.7071
CV Area	0.33%
Vial	93

Slope:	4.242
Intercept	0.3572
r^2	0.9998
r	0.9999
Zero Shift	No



Instr.Information

System	TOC-VCSH(2)
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Sample

Sample Name:	ICV
Sample ID:	
Origin:	TOC .met
Status	Completed
Chk. Result	

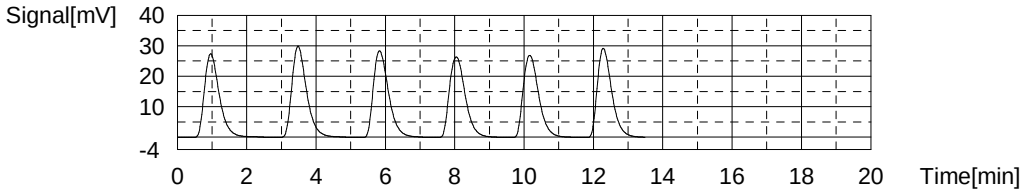
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:20.03ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	81.86	19.21ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:15:45 PM
2	88.87	20.86ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:18:19 PM
3	87.07	20.44ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:20:44 PM
4	84.60	19.86ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:23:04 PM
5	84.30	19.79ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:25:24 PM
6	85.35	20.03ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 06:27:45 PM

Mean Area 85.33
Mean Conc. 20.03ppm



Sample

Sample Name:	ICB
Sample ID:	
Origin:	TOC .met
Status	Completed
Chk. Result	

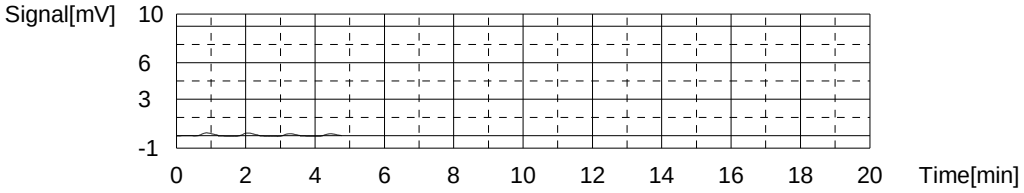
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.00050ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.3739	0.00393ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:07:40 PM
2	0.4369	0.01878ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:09:04 PM
3	0.2998	-0.01353ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:10:26 PM
4	0.3267	-0.00719ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:11:50 PM

Mean Area 0.3593
Mean Conc. 0.00050ppm



Sample

Sample Name: LCS
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

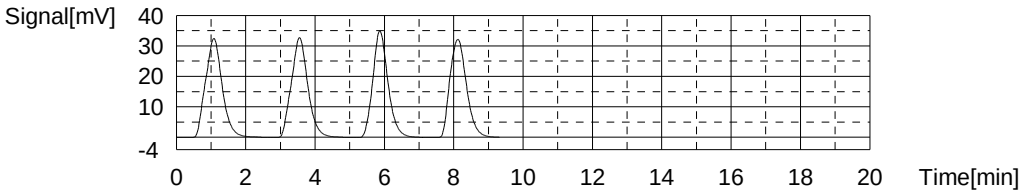
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.56ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	109.6	25.75ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:22:49 PM
2	109.3	25.68ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:25:22 PM
3	107.8	25.33ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:27:51 PM
4	108.5	25.49ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:30:17 PM

Mean Area 108.8
Mean Conc. 25.56ppm



Sample

Sample Name: LCSD
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

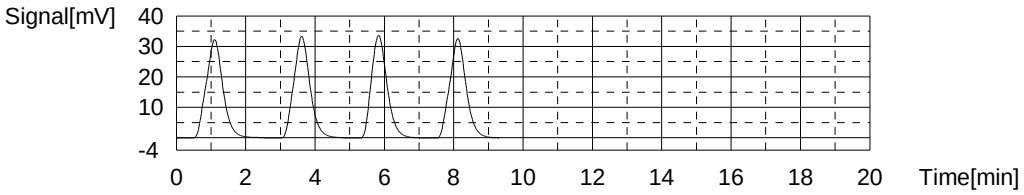
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.41ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.7	25.54ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:41:19 PM
2	109.1	25.63ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:43:48 PM
3	106.7	25.07ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:46:12 PM
4	108.1	25.40ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:48:41 PM

Mean Area 108.2
Mean Conc. 25.41ppm



Sample

Sample Name: MB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

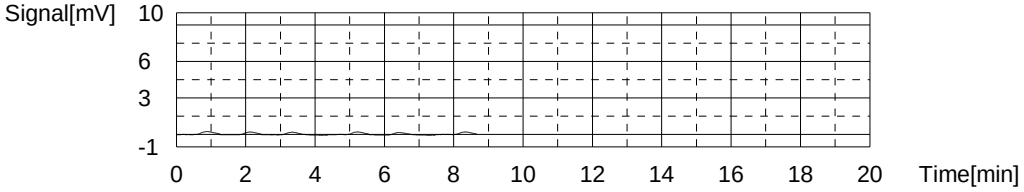
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.00037ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.4031	0.01082ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:58:26 PM
2	0.3546	-0.00062ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 07:59:50 PM
3	0.000	-0.08420ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:01:56 PM
4	0.3610	0.00089ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:03:20 PM
5	0.000	-0.08420ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:05:26 PM
6	0.3164	-0.00962ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:06:51 PM

Mean Area 0.3588
Mean Conc. 0.00037ppm



Sample

Sample Name: 280-24693-d-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

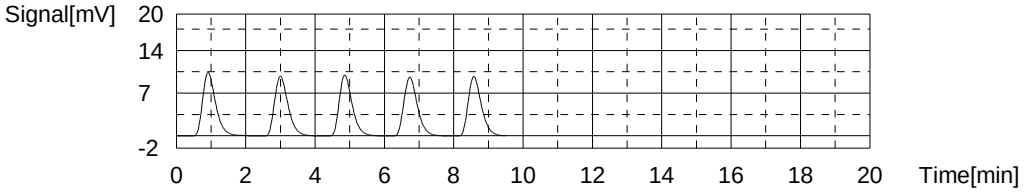
Type	Anal.	Dil.	Result
Unknown	NPOC	5.000	NPOC:30.56ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	27.33	31.79ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:17:19 PM
2	26.70	31.05ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:19:23 PM
3	26.07	30.30ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:21:26 PM
4	26.29	30.56ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:23:30 PM
5	26.08	30.32ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:25:33 PM

Mean Area 26.29
Mean Conc. 30.56ppm



Sample

Sample Name: MS 280-24693-d-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

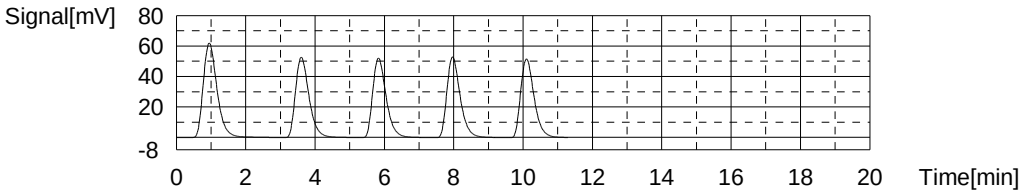
Type	Anal.	Dil.	Result
Unknown	NPOC	5.000	NPOC:167.2ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	172.6	203.0ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:36:42 PM
2	144.1	169.4ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:39:08 PM
3	141.5	166.3ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:41:28 PM
4	142.5	167.5ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:43:48 PM
5	140.7	165.4ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:46:07 PM

Mean Area 142.2
Mean Conc. 167.2ppm



Sample

Sample Name: MSD 280-24693-d-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

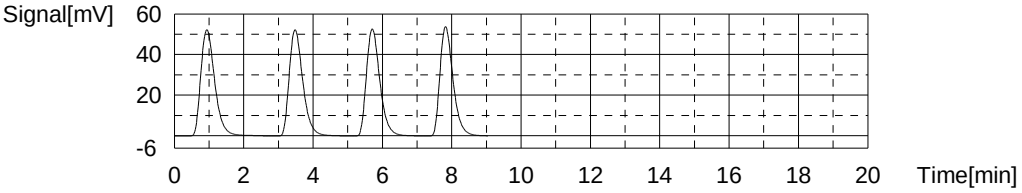
Type	Anal.	Dil.	Result
Unknown	NPOC	5.000	NPOC:169.7ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	146.9	172.7ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:57:09 PM
2	143.7	168.9ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 08:59:34 PM
3	143.8	169.1ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:01:54 PM
4	142.9	168.0ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:04:14 PM

Mean Area 144.3
Mean Conc. 169.7ppm



Sample

Sample Name: 280-24799-a-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

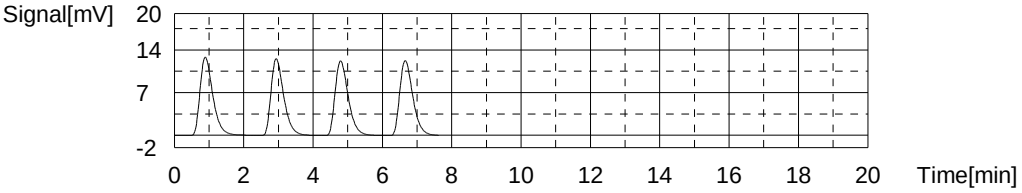
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:7.611ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	33.27	7.758ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:14:47 PM
2	32.29	7.527ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:16:49 PM
3	32.46	7.567ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:18:53 PM
4	32.56	7.591ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:20:57 PM

Mean Area 32.65
Mean Conc. 7.611ppm



Sample

Sample Name: 280-24827-c-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

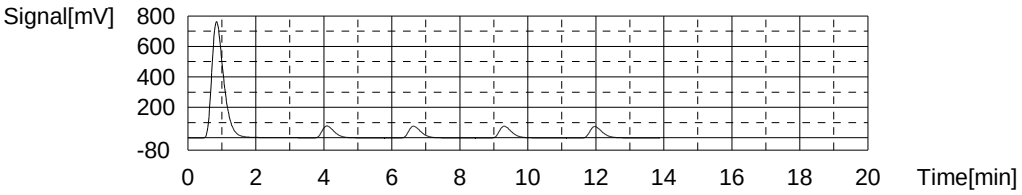
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:420.8ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1888	444.9ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:32:41 PM
2	202.6	429.0ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:42:30 PM
3	199.5	422.5ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:45:22 PM
4	198.0	419.3ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:48:14 PM
5	194.7	412.3ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 09:51:12 PM

Mean Area 198.7
Mean Conc. 420.8ppm



Sample

Sample Name: 280-24827-c-3
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

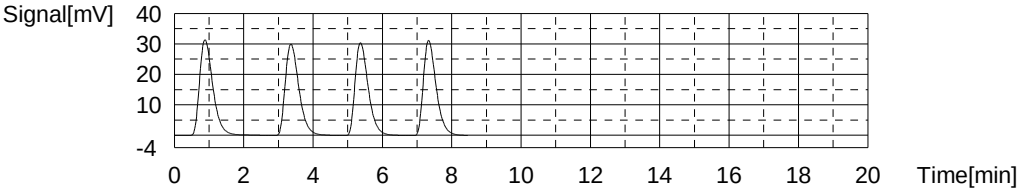
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:19.30ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	84.33	19.79ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:02:10 PM
2	82.69	19.41ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:04:23 PM
3	80.77	18.95ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:06:33 PM
4	81.15	19.04ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:08:45 PM

Mean Area 82.23
Mean Conc. 19.30ppm



Sample

Sample Name: CCV
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

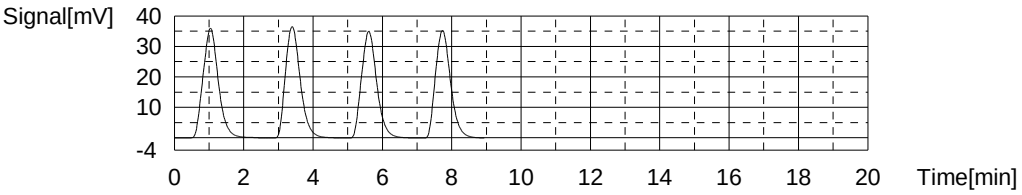
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.64ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	110.9	26.06ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:19:40 PM
2	109.8	25.80ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:22:02 PM
3	107.6	25.28ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:24:23 PM
4	108.2	25.42ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:26:47 PM

Mean Area 109.1
Mean Conc. 25.64ppm



Sample

Sample Name: CCB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

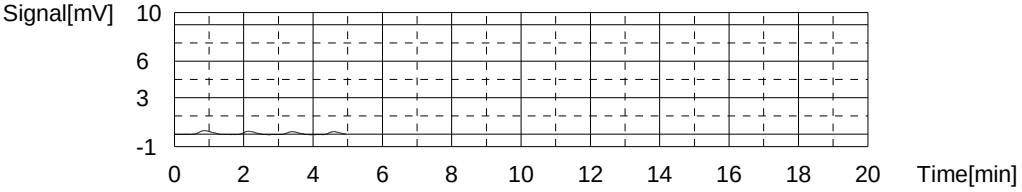
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.02439ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.5807	0.05268ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:36:34 PM
2	0.4904	0.03139ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:38:01 PM
3	0.3889	0.00747ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:39:25 PM
4	0.3827	0.00601ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:40:49 PM

Mean Area 0.4607
Mean Conc. 0.02439ppm



Sample

Sample Name: 280-24827-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

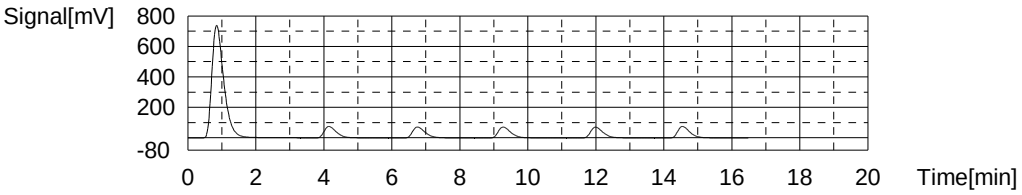
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:396.2ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1828	430.8ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 10:52:37 PM
2	194.2	411.2ppm	50uL	9	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:02:29 PM
3	189.1	400.4ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:05:12 PM
4	185.9	393.6ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:08:07 PM
5	183.5	388.5ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:10:53 PM
6	190.0	402.3ppm	50uL	9		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:13:52 PM

Mean Area 187.1
Mean Conc. 396.2ppm



Sample

Sample Name: 600-48724-a-10
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

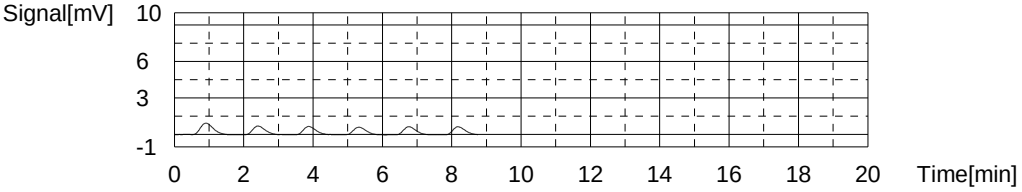
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.2786ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.330	0.4650ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:23:52 PM
2	1.716	0.3203ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:25:32 PM
3	1.614	0.2962ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:27:11 PM
4	1.470	0.2623ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:28:51 PM
5	1.528	0.2760ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:30:30 PM
6	1.545	0.2800ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:32:09 PM

Mean Area 1.539
Mean Conc. 0.2786ppm



Sample

Sample Name: 280-24845-I-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

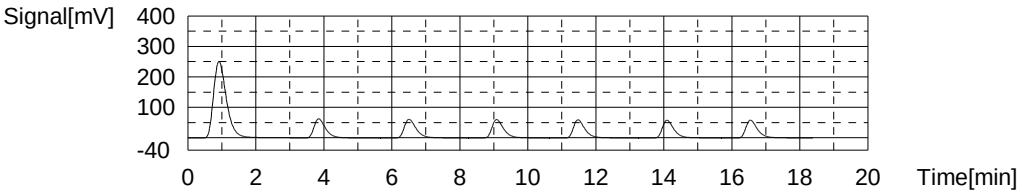
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:139.7ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	669.8	157.8ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:43:33 PM
2	151.7	148.9ppm	12uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:46:23 PM
3	152.4	149.6ppm	12uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:49:09 PM
4	146.4	143.7ppm	12uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:51:45 PM
5	143.0	140.4ppm	12uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:54:34 PM
6	139.1	136.5ppm	12uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/20/2012 11:57:13 PM
7	140.8	138.2ppm	12uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:02:31 AM

Mean Area 142.3
Mean Conc. 139.7ppm



Sample

Sample Name: 280-24845-I-3
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

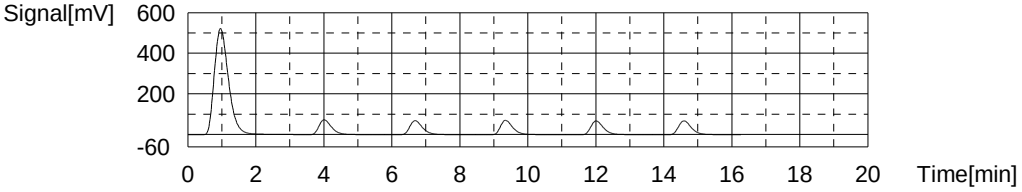
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:340.0ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1528	360.1ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:14:01 AM
2	192.1	361.6ppm	50uL	8	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:23:57 AM
3	182.2	342.9ppm	50uL	8		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:26:50 AM
4	181.1	340.8ppm	50uL	8		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:29:40 AM
5	177.3	333.7ppm	50uL	8		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:32:26 AM
6	182.0	342.5ppm	50uL	8		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:35:15 AM

Mean Area 180.7
Mean Conc. 340.0ppm



Sample

Sample Name: 280-24845-I-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

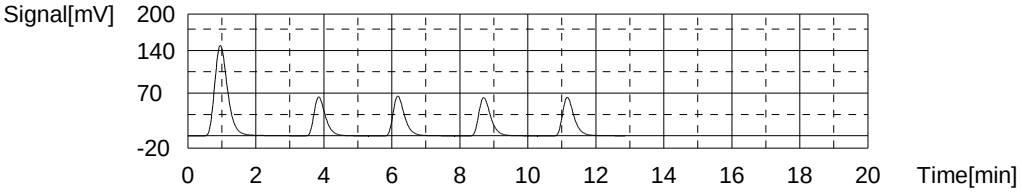
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:86.89ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	396.4	93.35ppm	50uL	1	R	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:46:43 AM
2	152.3	85.39ppm	21uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:49:14 AM
3	157.5	88.31ppm	21uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:51:57 AM
4	156.4	87.69ppm	21uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:54:37 AM
5	153.7	86.17ppm	21uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 12:57:23 AM

Mean Area 155.0
Mean Conc. 86.89ppm



Sample

Sample Name: 280-24845-I-5
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

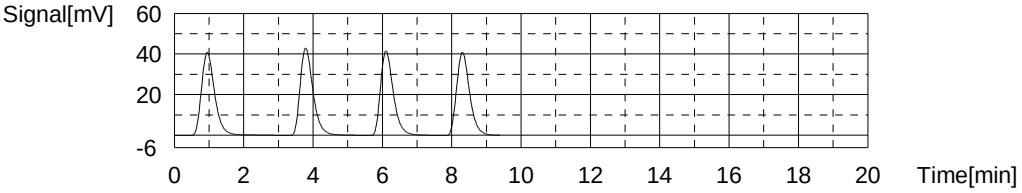
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.64ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.8	25.56ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:08:44 AM
2	111.8	26.27ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:11:15 AM
3	107.8	25.33ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:13:37 AM
4	108.1	25.40ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:15:52 AM

Mean Area 109.1
Mean Conc. 25.64ppm



Sample

Sample Name: 280-24777-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

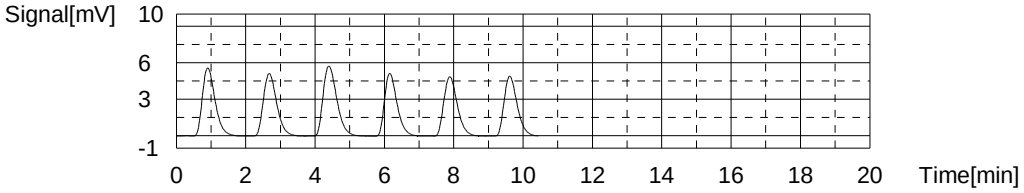
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:3.027ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	14.23	3.270ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:26:06 AM
2	13.67	3.138ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:28:03 AM
3	15.87	3.657ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:30:02 AM
4	12.96	2.971ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:31:55 AM
5	13.23	3.034ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:33:52 AM
6	12.93	2.964ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:35:48 AM

Mean Area 13.20
Mean Conc. 3.027ppm



Sample

Sample Name: MS 280-24777-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

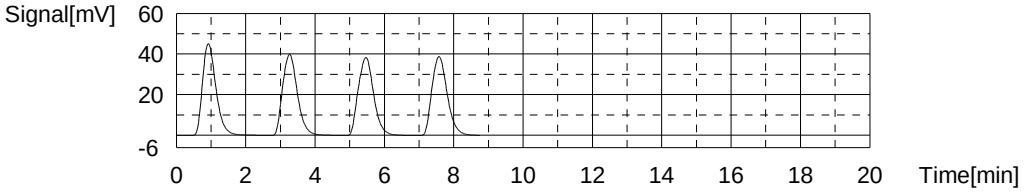
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:28.35ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	122.4	28.77ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:46:29 AM
2	119.3	28.04ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:48:51 AM
3	120.0	28.20ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:51:11 AM
4	120.9	28.41ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 01:53:33 AM

Mean Area 120.7
Mean Conc. 28.35ppm



Sample

Sample Name: MSD 280-24777-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

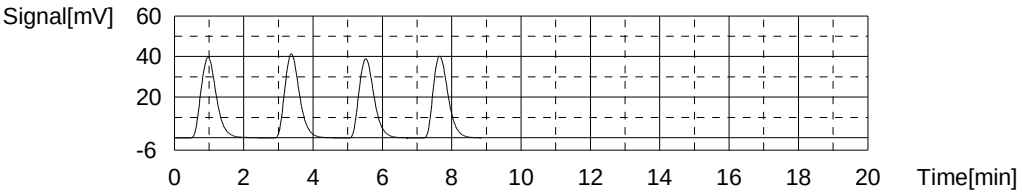
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:28.55ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	123.2	28.96ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:04:28 AM
2	123.1	28.93ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:06:49 AM
3	118.6	27.87ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:09:10 AM
4	121.1	28.46ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:11:30 AM

Mean Area 121.5
Mean Conc. 28.55ppm



Sample

Sample Name: 280-24777-b-8
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

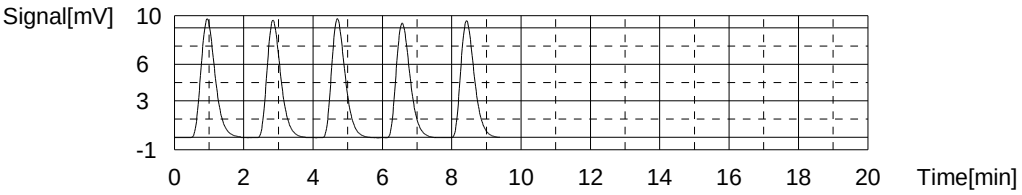
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:6.200ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	27.86	6.483ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:21:55 AM
2	26.78	6.228ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:23:59 AM
3	26.81	6.235ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:26:03 AM
4	26.53	6.169ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:28:07 AM
5	26.52	6.167ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:30:11 AM

Mean Area 26.66
Mean Conc. 6.200ppm



Sample

Sample Name: CCV
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

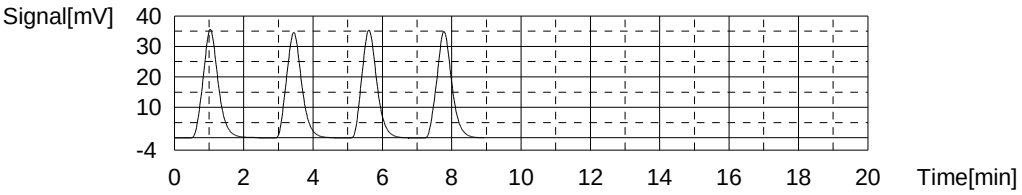
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.13ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.3	25.44ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:41:06 AM
2	106.0	24.90ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:43:28 AM
3	107.3	25.21ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:45:48 AM
4	106.3	24.97ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:48:11 AM

Mean Area 107.0
Mean Conc. 25.13ppm



Sample

Sample Name: CCB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

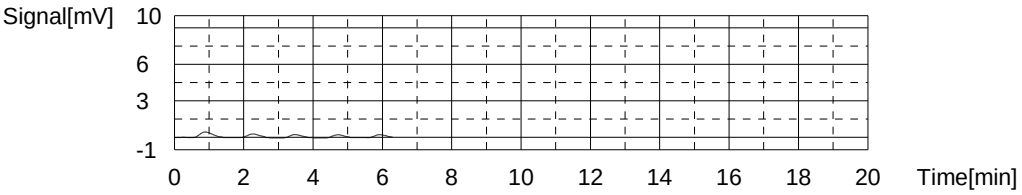
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.02369ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.082	0.1708ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:58:05 AM
2	0.4972	0.03300ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 02:59:30 AM
3	0.4998	0.03361ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:00:56 AM
4	0.3971	0.00940ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:02:21 AM
5	0.4367	0.01874ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:03:46 AM

Mean Area 0.4577
Mean Conc. 0.02369ppm



Sample

Sample Name: 600-48830-a-17
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

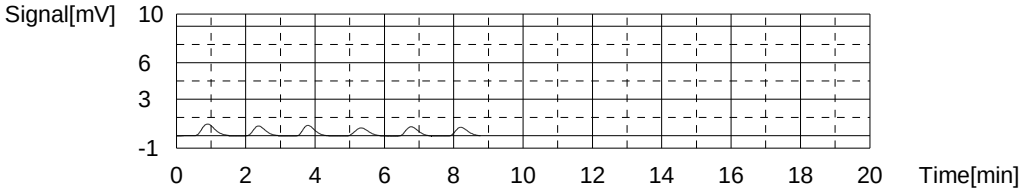
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.3363ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.452	0.4938ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:13:45 AM
2	1.885	0.3601ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:15:24 AM
3	2.010	0.3896ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:17:04 AM
4	1.711	0.3191ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:18:46 AM
5	1.842	0.3500ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:20:26 AM
6	1.698	0.3160ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:22:04 AM

Mean Area 1.784
Mean Conc. 0.3363ppm



Sample

Sample Name: 280-24846-d-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

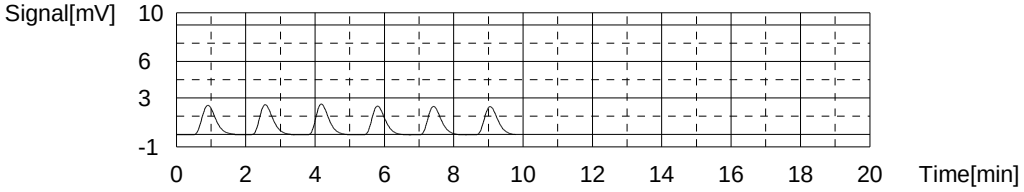
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.384ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.516	1.452ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:32:10 AM
2	6.413	1.427ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:33:59 AM
3	6.424	1.430ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:35:48 AM
4	6.130	1.361ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:37:37 AM
5	6.183	1.373ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:39:26 AM
6	6.194	1.376ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:41:16 AM

Mean Area 6.230
Mean Conc. 1.384ppm



Sample

Sample Name: 280-24846-d-3
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

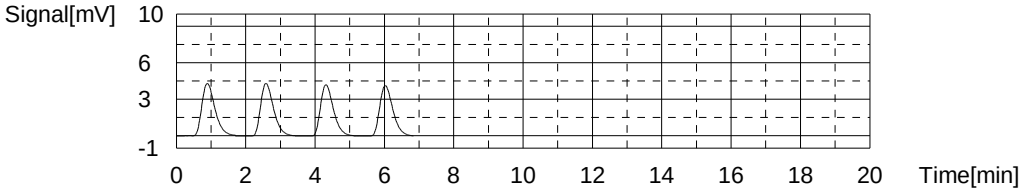
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.532ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	11.27	2.572ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:51:23 AM
2	11.24	2.565ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:53:18 AM
3	10.90	2.485ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:55:12 AM
4	10.98	2.504ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 03:57:07 AM

Mean Area 11.10
Mean Conc. 2.532ppm



Sample

Sample Name: 280-24846-d-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

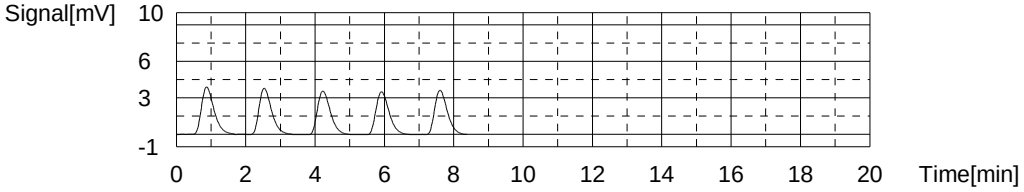
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.116ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.746	2.213ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:07:18 AM
2	9.469	2.148ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:09:20 AM
3	9.350	2.120ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:11:13 AM
4	9.295	2.107ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:13:07 AM
5	9.220	2.089ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:14:59 AM

Mean Area 9.334
Mean Conc. 2.116ppm



Sample

Sample Name: 280-24846-d-5
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

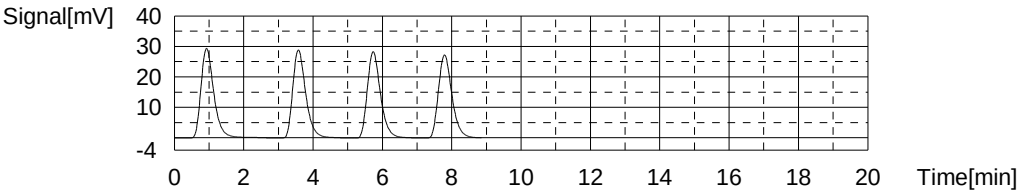
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:17.68ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	76.18	17.87ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:26:08 AM
2	75.31	17.67ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:28:28 AM
3	75.43	17.70ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:30:43 AM
4	74.58	17.50ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:32:56 AM

Mean Area 75.38
Mean Conc. 17.68ppm



Sample

Sample Name: 280-24846-d-8
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

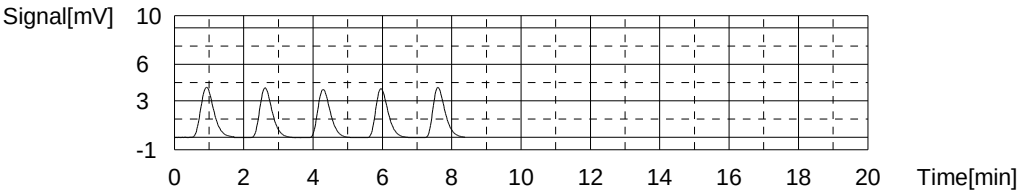
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.278ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	10.75	2.450ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:43:10 AM
2	10.17	2.313ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:45:03 AM
3	9.967	2.265ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:46:55 AM
4	9.954	2.262ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:48:47 AM
5	9.990	2.271ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 04:50:38 AM

Mean Area 10.02
Mean Conc. 2.278ppm



Sample

Sample Name: 280-24849-b-1
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

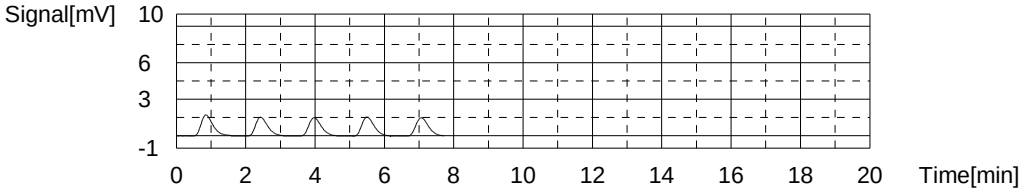
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.8010ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	4.014	0.8619ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:00:42 AM
2	3.718	0.7922ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:02:25 AM
3	3.687	0.7849ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:04:09 AM
4	3.868	0.8275ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:05:58 AM
5	3.748	0.7992ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:07:43 AM

Mean Area 3.755
Mean Conc. 0.8010ppm



Sample

Sample Name: 280-24849-b-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

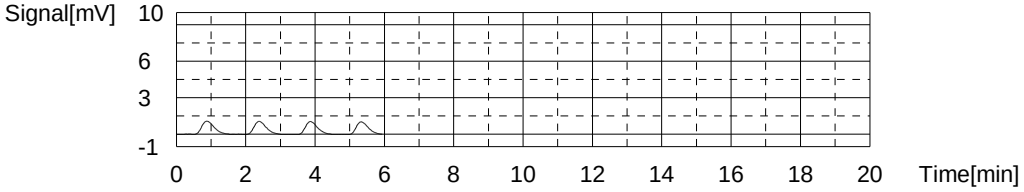
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.5116ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.620	0.5334ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:17:44 AM
2	2.562	0.5197ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:19:25 AM
3	2.504	0.5060ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:21:05 AM
4	2.425	0.4874ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:22:45 AM

Mean Area 2.528
Mean Conc. 0.5116ppm



Sample

Sample Name: LCS
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

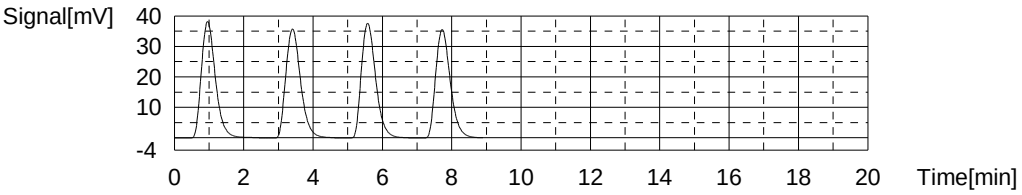
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.29ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.6	25.51ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:33:42 AM
2	107.1	25.16ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:36:05 AM
3	109.3	25.68ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:38:25 AM
4	105.6	24.81ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:40:50 AM

Mean Area 107.7
Mean Conc. 25.29ppm



Sample

Sample Name: LCSD
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

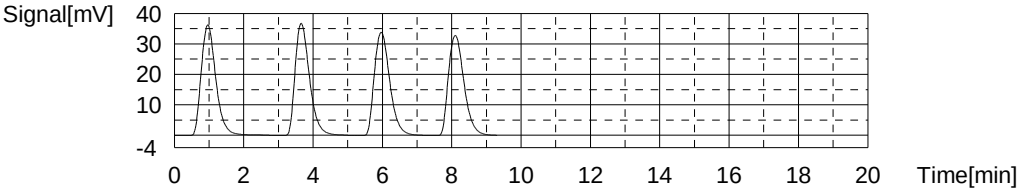
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:24.89ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	107.1	25.16ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:52:05 AM
2	106.9	25.11ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:54:33 AM
3	105.9	24.88ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:56:54 AM
4	103.9	24.41ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 05:59:15 AM

Mean Area 105.9
Mean Conc. 24.89ppm



Sample

Sample Name: CCV
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

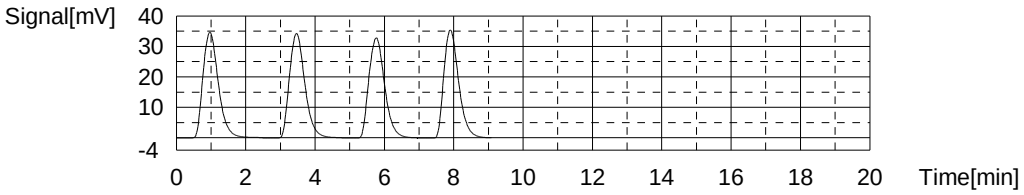
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.01ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	107.5	25.25ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:10:15 AM
2	106.8	25.09ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:12:44 AM
3	105.1	24.69ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:15:07 AM
4	106.5	25.02ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:17:27 AM

Mean Area 106.5
Mean Conc. 25.01ppm



Sample

Sample Name: CCB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

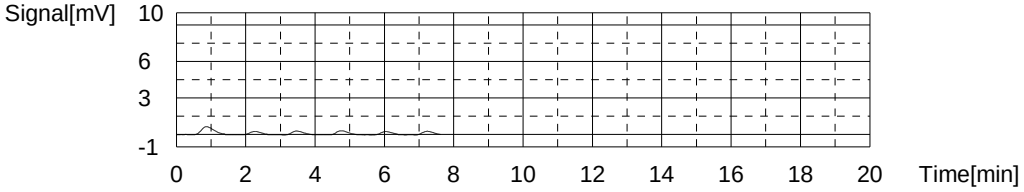
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.05099ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.487	0.2663ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:27:22 AM
2	0.4544	0.02291ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:28:47 AM
3	0.6435	0.06748ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:30:16 AM
4	0.6434	0.06746ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:31:45 AM
5	0.4625	0.02482ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:33:09 AM
6	0.5448	0.04422ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:34:35 AM

Mean Area 0.5736
Mean Conc. 0.05099ppm



Sample

Sample Name: MB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

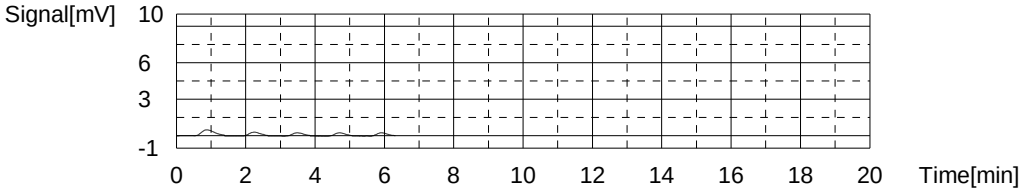
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.03725ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.088	0.1723ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:44:23 AM
2	0.6194	0.06180ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:45:50 AM
3	0.4709	0.02680ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:47:15 AM
4	0.4775	0.02835ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:48:40 AM
5	0.4931	0.03203ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 06:50:07 AM

Mean Area 0.5152
Mean Conc. 0.03725ppm



Sample

Sample Name: 280-24824-c-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

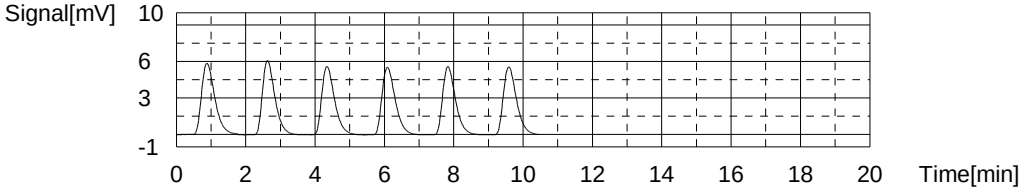
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:3.360ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	15.44	3.555ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:00:23 AM
2	15.15	3.487ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:02:17 AM
3	14.45	3.322ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:04:13 AM
4	14.79	3.402ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:06:10 AM
5	14.44	3.319ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:08:07 AM
6	14.77	3.397ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:10:05 AM

Mean Area 14.61
Mean Conc. 3.360ppm



Sample

Sample Name: MS 280-24824-c-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

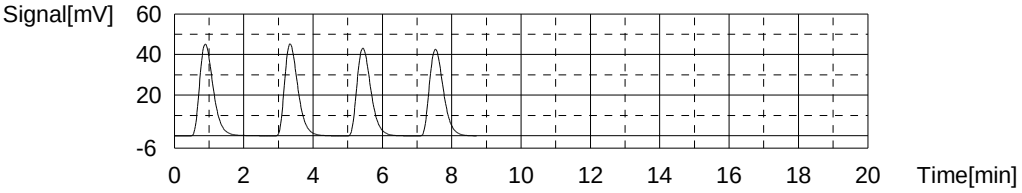
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:28.90ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	124.8	29.33ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:20:57 AM
2	122.6	28.81ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:23:13 AM
3	122.4	28.77ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:25:34 AM
4	122.0	28.67ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:27:53 AM

Mean Area 123.0
Mean Conc. 28.90ppm



Sample

Sample Name: MSD 280-24824-c-2
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

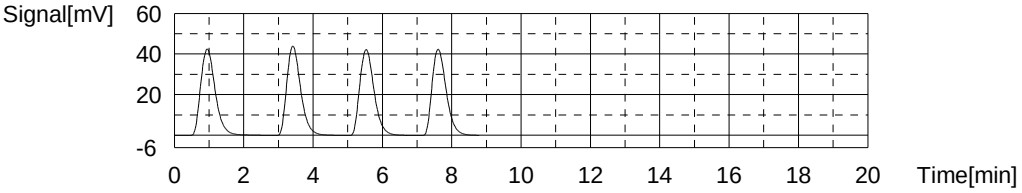
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:28.92ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	124.6	29.29ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:38:53 AM
2	123.6	29.05ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:41:11 AM
3	122.6	28.81ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:43:29 AM
4	121.4	28.53ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:45:47 AM

Mean Area 123.1
Mean Conc. 28.92ppm



Sample

Sample Name: 280-24824-c-3
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

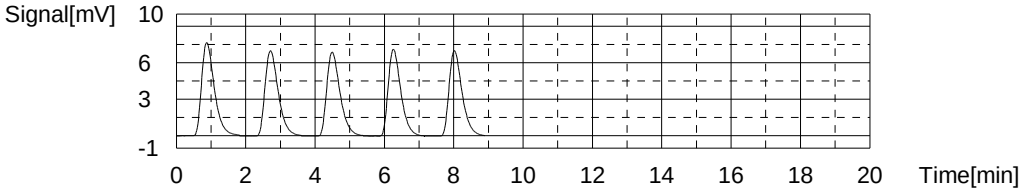
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:4.253ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	19.54	4.522ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:56:07 AM
2	18.58	4.295ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 07:58:06 AM
3	18.44	4.262ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:00:05 AM
4	18.24	4.215ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:02:02 AM
5	18.34	4.239ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:04:00 AM

Mean Area 18.40
Mean Conc. 4.253ppm



Sample

Sample Name: 280-24824-c-4
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

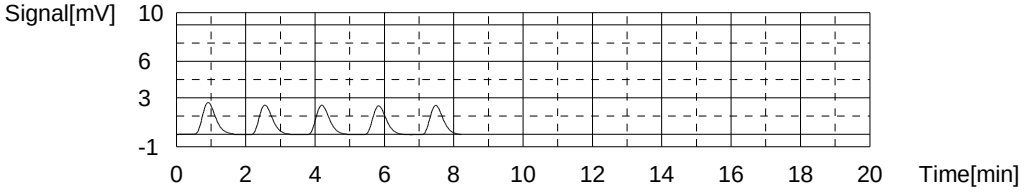
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.415ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	6.765	1.510ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:14:09 AM
2	6.417	1.428ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:15:59 AM
3	6.432	1.432ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:17:49 AM
4	6.283	1.397ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:19:40 AM
5	6.311	1.403ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:21:31 AM

Mean Area 6.361
Mean Conc. 1.415ppm



Sample

Sample Name: 280-24824-c-5
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

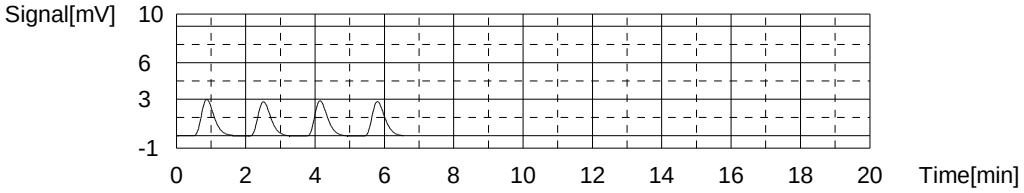
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.645ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	7.443	1.670ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:31:38 AM
2	7.291	1.634ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:33:29 AM
3	7.356	1.650ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:35:20 AM
4	7.262	1.628ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:37:10 AM

Mean Area 7.338
Mean Conc. 1.645ppm



Sample

Sample Name: 280-24824-c-6
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

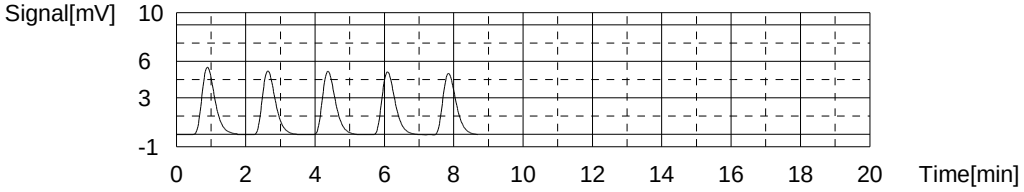
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:3.123ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	14.38	3.305ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:47:26 AM
2	13.73	3.152ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:49:22 AM
3	13.58	3.117ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:51:17 AM
4	13.65	3.133ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:53:14 AM
5	13.47	3.091ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 08:55:10 AM

Mean Area 13.61
Mean Conc. 3.123ppm



Sample

Sample Name: 280-24824-c-7
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

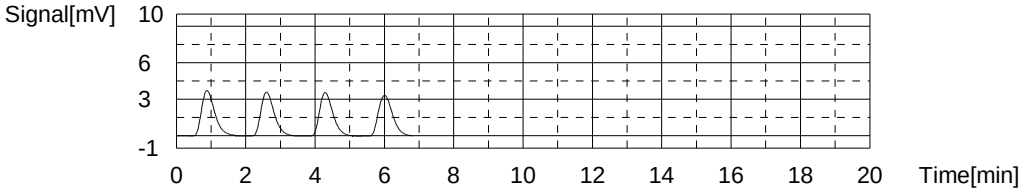
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.172ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	9.746	2.213ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:05:22 AM
2	9.534	2.163ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:07:16 AM
3	9.497	2.154ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:09:09 AM
4	9.509	2.157ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:11:05 AM

Mean Area 9.572
Mean Conc. 2.172ppm



Sample

Sample Name: 280-24824-c-8
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

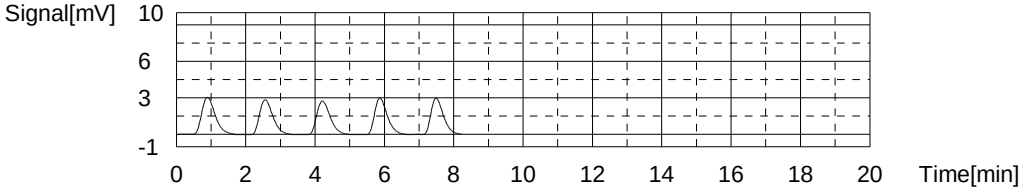
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:1.686ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.095	1.824ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:21:16 AM
2	7.658	1.721ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:23:07 AM
3	7.404	1.661ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:24:59 AM
4	7.585	1.704ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:26:49 AM
5	7.401	1.660ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:28:37 AM

Mean Area 7.512
Mean Conc. 1.686ppm



Sample

Sample Name: CCV
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

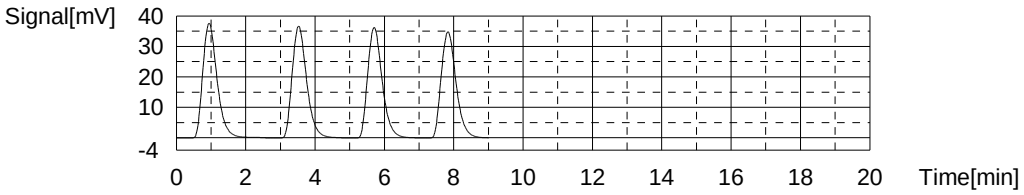
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:25.08ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	108.7	25.54ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:39:41 AM
2	107.1	25.16ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:42:04 AM
3	106.3	24.97ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:44:23 AM
4	104.9	24.64ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:46:43 AM

Mean Area 106.8
Mean Conc. 25.08ppm



Sample

Sample Name: CCB
Sample ID:
Origin: TOC .met
Status Completed
Chk. Result

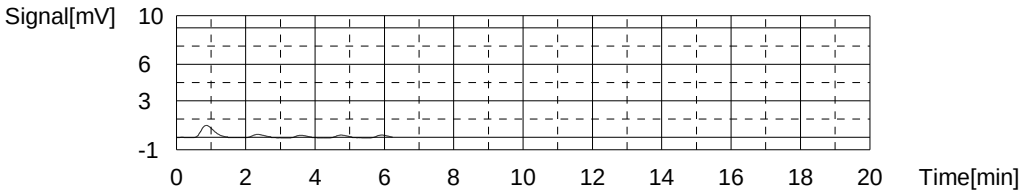
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.00176ppm

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	2.458	0.4952ppm	50uL	1	E	1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:56:43 AM
2	0.4790	0.02871ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:58:10 AM
3	0.3387	-0.00436ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 09:59:32 AM
4	0.3237	-0.00790ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 10:00:54 AM
5	0.3173	-0.00941ppm	50uL	1		1-50 PPM TOC.2011_12_28_20_39_00.cal	01/21/2012 10:02:16 AM

Mean Area 0.3647
Mean Conc. 0.00176ppm



GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48830-1

SDG No.:

Batch Number: 70134 Batch Start Date: 01/16/12 11:32 Batch Analyst: Boza, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-48830-B-1	2012-SED-10	Moisture	T	1.15 g	24.42 g	20.83 g			
600-48830-B-2	2012-SED-11	Moisture	T	1.15 g	21.01 g	18.42 g			
600-48830-B-3	2012-SED-12	Moisture	T	1.15 g	24.15 g	18.76 g			
600-48830-A-4	2012-SED-13	Moisture	T	1.15 g	27.57 g	24.30 g			
600-48830-B-5	2012-SED-14	Moisture	T	1.15 g	24.20 g	20.32 g			
600-48830-B-6	2012-SED-15	Moisture	T	1.15 g	25.58 g	20.19 g			
600-48830-B-7	2012-SED-16	Moisture	T	1.15 g	30.90 g	24.98 g			
600-48830-B-7 DU	2012-SED-16	Moisture	T	1.15 g	30.22 g	24.16 g			
600-48830-B-8	2012-SED-17	Moisture	T	1.15 g	24.08 g	19.80 g			
600-48830-B-9	2012-SED-18	Moisture	T	1.15 g	27.83 g	23.50 g			
600-48830-B-10	2012-SED-19	Moisture	T	1.15 g	23.76 g	20.23 g			
600-48830-B-11	2012-SED-20	Moisture	T	1.15 g	23.93 g	20.04 g			
600-48830-B-12	2012-SED-21	Moisture	T	1.15 g	25.13 g	22.45 g			
600-48830-B-13	2012-SED-22	Moisture	T	1.15 g	24.16 g	21.39 g			
600-48830-B-14	2012-SED-23	Moisture	T	1.15 g	25.11 g	21.95 g			
600-48830-B-15	2012-SED-24	Moisture	T	1.15 g	28.33 g	22.33 g			
600-48830-B-16	2012-SED-25	Moisture	T	1.15 g	22.45 g	19.78 g			
600-48830-A-12 MS	2012-SED-21	Moisture	T	1.15 g	25.13 g	22.45 g			
600-48830-A-12 MSD	2012-SED-21	Moisture	T	1.15 g	25.13 g	22.45 g			

Batch Notes	
Balance ID	B-2 No Unit
Oven ID	O-8

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Batch Number: 104369 Batch Start Date: 01/20/12 18:20 Batch Analyst: Yates, George E

Batch Method: 9060A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	TOC ICV Daily 00423	TOC LCS Daily 00423	AnalysisComment	
ICV 280-104369/1		9060A		20 mL	20 mL	20 mL		pH < 2	
ICB 280-104369/2		9060A		20 mL	20 mL			pH < 2	
LCS 280-104369/3		9060A		20 mL	20 mL		20 mL	pH < 2	
LCSD 280-104369/4		9060A		20 mL	20 mL		20 mL	pH < 2	
MB 280-104369/5		9060A		20 mL	20 mL			pH < 2	
CCV 280-104369/12		9060A		20 mL	20 mL		20 mL	pH < 2	
CCB 280-104369/13		9060A		20 mL	20 mL			pH < 2	
CCV 280-104369/24		9060A		20 mL	20 mL		20 mL	pH < 2	
CCB 280-104369/25		9060A		20 mL	20 mL			pH < 2	
600-48830-A-17	EQUIPMENT BLANK 6	9060A	T	20 mL	20 mL			pH < 2	
CCV 280-104369/36		9060A		20 mL	20 mL		20 mL	pH < 2	
CCB 280-104369/37		9060A		20 mL	20 mL			pH < 2	

Batch Notes	
Batch Comment	Pipettes used: WC-5000-Q, WC-1000-Q
Lot # of Phosphoric Acid	0.2% H2SO4_00024

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Batch Number: 104671 Batch Start Date: 01/24/12 13:13 Batch Analyst: Plumb, Paul M

Batch Method: 9060A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	STOC CAL 3 00004	STOC ICV Std 00001	STOC LCS Std 00003	AnalysisComment	
ICV 280-104671/1		9060A		0 g		0.2041 g		0.2041	
ICB 280-104671/2		9060A		0 g				0.2415	
LCS 280-104671/3		9060A		0 g			0.2398 g	0.2398	
LCSD 280-104671/4		9060A		0 g			0.2367 g	0.2367	
MB 280-104671/5		9060A		0 g				0.2488	
600-48830-A-1	2012-SED-10	9060A	T	0 g				0.2135	
600-48830-A-2	2012-SED-11	9060A	T	0 g				0.2136	
600-48830-A-3	2012-SED-12	9060A	T	0 g				0.2133	
600-48830-A-4	2012-SED-13	9060A	T	0 g				0.2212	
600-48830-A-5	2012-SED-14	9060A	T	0 g				0.2064	
600-48830-A-6	2012-SED-15	9060A	T	0 g				0.2320	
600-48830-A-7	2012-SED-16	9060A	T	0 g				0.2058	
600-48830-A-8	2012-SED-17	9060A	T	0 g				0.2001	
600-48830-A-10	2012-SED-19	9060A	T	0 g				0.2109	
600-48830-A-11	2012-SED-20	9060A	T	0 g				0.2426	
CCV 280-104671/16		9060A		0 g	0.2222 g			0.2222	
CCB 280-104671/17		9060A		0 g				0.2456	
600-48830-A-12	2012-SED-21	9060A	T	0 g				0.2435	
600-48830-A-12 MS	2012-SED-21	9060A	T	0 g		0.247 g		0.2470	
600-48830-A-12 MSD	2012-SED-21	9060A	T	0 g		0.21 g		0.2100	
600-48830-A-13	2012-SED-22	9060A	T	0 g				0.2126	
600-48830-A-14	2012-SED-23	9060A	T	0 g				0.2330	
600-48830-A-15	2012-SED-24	9060A	T	0 g				0.2268	
600-48830-A-16	2012-SED-25	9060A	T	0 g				0.2471	
CCV 280-104671/25		9060A		0 g	0.2133 g			0.2133	
CCB 280-104671/26		9060A		0 g				0.2474	

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 600-48830-1

SDG No.:

Batch Number: 104671 Batch Start Date: 01/24/12 13:13 Batch Analyst: Plumb, Paul M

Batch Method: 9060A Batch End Date:

Batch Notes	
Lot # of hydrochloric acid	HCL_00002
HCl Vendor	fisher

Basis	Basis Description
T	Total/NA

COVER PAGE
GEOTECHNICAL

Lab Name: TestAmerica Burlington Job Number: 600-48830-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-SED-10	600-48830-1
2012-SED-11	600-48830-2
2012-SED-12	600-48830-3
2012-SED-13	600-48830-4
2012-SED-14	600-48830-5
2012-SED-15	600-48830-6
2012-SED-16	600-48830-7
2012-SED-17	600-48830-8
2012-SED-18	600-48830-9
2012-SED-19	600-48830-10
2012-SED-20	600-48830-11
2012-SED-21	600-48830-12
2012-SED-22	600-48830-13
2012-SED-23	600-48830-14
2012-SED-24	600-48830-15
2012-SED-25	600-48830-16

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-10 | Lab Sample ID: 600-48830-1

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 08:33

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	42.2			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	42.7			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	34.6			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	6.3			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	1.8			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	83.3			% Passing			1	D422
	Silt	10.7			%			1	D422
	Clay	4.4			%			1	D422
	Sieve Size #4 - Percent Finer	57.8			% Passing			1	D422
	Sieve Size #10 - Percent Finer	23.2			% Passing			1	D422
	Sieve Size #20 - Percent Finer	18.6			% Passing			1	D422
	Sieve Size #40 - Percent Finer	16.9			% Passing			1	D422
	Sieve Size #60 - Percent Finer	16.0			% Passing			1	D422
	Sieve Size #80 - Percent Finer	15.6			% Passing			1	D422
	Sieve Size #100 - Percent Finer	15.5			% Passing			1	D422
	Sieve Size #200 - Percent Finer	15.1			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	5.2			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	5.2			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	5.2			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	4.4			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	4.4			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	4.4			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	3.6			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-11 | Lab Sample ID: 600-48830-2

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 08:55

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	53.2			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	40.6			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	26.1			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	9.5			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	5.0			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	85.6			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	68.5			% Passing			1	D422
	Silt	0.9			%			1	D422
	Clay	5.3			%			1	D422
	Sieve Size #4 - Percent Finer	46.8			% Passing			1	D422
	Sieve Size #10 - Percent Finer	20.7			% Passing			1	D422
	Sieve Size #20 - Percent Finer	13.2			% Passing			1	D422
	Sieve Size #40 - Percent Finer	11.2			% Passing			1	D422
	Sieve Size #60 - Percent Finer	9.0			% Passing			1	D422
	Sieve Size #80 - Percent Finer	7.7			% Passing			1	D422
	Sieve Size #100 - Percent Finer	7.1			% Passing			1	D422
	Sieve Size #200 - Percent Finer	6.2			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	6.1			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	6.1			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	6.1			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	5.3			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	5.3			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	5.3			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	4.4			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-12 | Lab Sample ID: 600-48830-3

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 09:24

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	35.2			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	19.8			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	9.8			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	4.3			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	5.7			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	89.2			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	77.5			% Passing			1	D422
	Silt	21.5			%			1	D422
	Clay	23.5			%			1	D422
	Sieve Size #4 - Percent Finer	64.8			% Passing			1	D422
	Sieve Size #10 - Percent Finer	55.0			% Passing			1	D422
	Sieve Size #20 - Percent Finer	52.1			% Passing			1	D422
	Sieve Size #40 - Percent Finer	50.7			% Passing			1	D422
	Sieve Size #60 - Percent Finer	49.5			% Passing			1	D422
	Sieve Size #80 - Percent Finer	48.5			% Passing			1	D422
	Sieve Size #100 - Percent Finer	47.7			% Passing			1	D422
	Sieve Size #200 - Percent Finer	45.0			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	31.6			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	29.6			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	27.6			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	25.6			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	23.5			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	21.5			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	17.5			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-13 | Lab Sample ID: 600-48830-4

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 09:40

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	41.4			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	45.9			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	31.9			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	13.0			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	1.0			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	80.3			% Passing			1	D422
	Silt	7.9			%			1	D422
	Clay	4.8			%			1	D422
	Sieve Size #4 - Percent Finer	58.6			% Passing			1	D422
	Sieve Size #10 - Percent Finer	26.7			% Passing			1	D422
	Sieve Size #20 - Percent Finer	15.4			% Passing			1	D422
	Sieve Size #40 - Percent Finer	13.7			% Passing			1	D422
	Sieve Size #60 - Percent Finer	13.2			% Passing			1	D422
	Sieve Size #80 - Percent Finer	13.1			% Passing			1	D422
	Sieve Size #100 - Percent Finer	13.0			% Passing			1	D422
	Sieve Size #200 - Percent Finer	12.7			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	5.6			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	5.6			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	5.6			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	4.9			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	4.9			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	4.1			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	3.3			% Passing			1	D422

Client Sample ID: 2012-SED-14 Lab Sample ID: 600-48830-5

Lab Name: TestAmerica Burlington Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 10:02

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	47.2			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	36.6			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	19.6			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	10.2			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	6.8			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	71.8			% Passing			1	D422
	Silt	7.7			%			1	D422
	Clay	8.5			%			1	D422
	Sieve Size #4 - Percent Finer	52.8			% Passing			1	D422
	Sieve Size #10 - Percent Finer	33.2			% Passing			1	D422
	Sieve Size #20 - Percent Finer	26.6			% Passing			1	D422
	Sieve Size #40 - Percent Finer	23.0			% Passing			1	D422
	Sieve Size #60 - Percent Finer	19.7			% Passing			1	D422
	Sieve Size #80 - Percent Finer	18.2			% Passing			1	D422
	Sieve Size #100 - Percent Finer	17.5			% Passing			1	D422
	Sieve Size #200 - Percent Finer	16.2			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	11.9			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	10.5			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	9.8			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	9.2			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	8.5			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	7.1			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	5.7			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-15 | Lab Sample ID: 600-48830-6

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 10:20

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	11.6			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	53.6			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	17.0			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	26.6			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	10.0			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	97.4			% Passing			1	D422
	Silt	20.0			%			1	D422
	Clay	14.8			%			1	D422
	Sieve Size #4 - Percent Finer	88.4			% Passing			1	D422
	Sieve Size #10 - Percent Finer	71.4			% Passing			1	D422
	Sieve Size #20 - Percent Finer	58.8			% Passing			1	D422
	Sieve Size #40 - Percent Finer	44.8			% Passing			1	D422
	Sieve Size #60 - Percent Finer	38.7			% Passing			1	D422
	Sieve Size #80 - Percent Finer	37.2			% Passing			1	D422
	Sieve Size #100 - Percent Finer	36.5			% Passing			1	D422
	Sieve Size #200 - Percent Finer	34.8			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	20.0			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	18.2			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	17.4			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	16.5			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	14.8			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	12.3			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	10.5			% Passing			1	D422

Client Sample ID: 2012-SED-16 Lab Sample ID: 600-48830-7

Lab Name: TestAmerica Burlington Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 11:06

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	30.9			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	50.5			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	31.2			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	9.9			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	9.4			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	89.3			% Passing			1	D422
	Silt	9.6			%			1	D422
	Clay	9.0			%			1	D422
	Sieve Size #4 - Percent Finer	69.1			% Passing			1	D422
	Sieve Size #10 - Percent Finer	37.9			% Passing			1	D422
	Sieve Size #20 - Percent Finer	29.9			% Passing			1	D422
	Sieve Size #40 - Percent Finer	28.0			% Passing			1	D422
	Sieve Size #60 - Percent Finer	25.6			% Passing			1	D422
	Sieve Size #80 - Percent Finer	23.1			% Passing			1	D422
	Sieve Size #100 - Percent Finer	21.6			% Passing			1	D422
	Sieve Size #200 - Percent Finer	18.6			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	12.2			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	12.2			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	11.2			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	10.1			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	9.0			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	7.9			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	6.8			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-17 | Lab Sample ID: 600-48830-8

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 11:31

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	38.4			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	44.0			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	25.2			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	7.5			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	11.3			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	85.2			% Passing			1	D422
	Silt	6.9			%			1	D422
	Clay	10.7			%			1	D422
	Sieve Size #4 - Percent Finer	61.6			% Passing			1	D422
	Sieve Size #10 - Percent Finer	36.4			% Passing			1	D422
	Sieve Size #20 - Percent Finer	32.5			% Passing			1	D422
	Sieve Size #40 - Percent Finer	28.9			% Passing			1	D422
	Sieve Size #60 - Percent Finer	24.2			% Passing			1	D422
	Sieve Size #80 - Percent Finer	21.4			% Passing			1	D422
	Sieve Size #100 - Percent Finer	20.0			% Passing			1	D422
	Sieve Size #200 - Percent Finer	17.6			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	15.6			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	14.4			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	13.2			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	11.9			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	10.7			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	9.5			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	7.6			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-18 | Lab Sample ID: 600-48830-9

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 11:51

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	34.8			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	49.5			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	35.6			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	8.5			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	5.4			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	85.9			% Passing			1	D422
	Silt	9.5			%			1	D422
	Clay	6.2			%			1	D422
	Sieve Size #4 - Percent Finer	65.2			% Passing			1	D422
	Sieve Size #10 - Percent Finer	29.6			% Passing			1	D422
	Sieve Size #20 - Percent Finer	24.7			% Passing			1	D422
	Sieve Size #40 - Percent Finer	21.1			% Passing			1	D422
	Sieve Size #60 - Percent Finer	18.3			% Passing			1	D422
	Sieve Size #80 - Percent Finer	17.1			% Passing			1	D422
	Sieve Size #100 - Percent Finer	16.6			% Passing			1	D422
	Sieve Size #200 - Percent Finer	15.7			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	8.4			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	8.4			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	7.7			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	6.9			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	6.2			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	5.5			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	4.6			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-19 Lab Sample ID: 600-48830-10

Lab Name: TestAmerica Burlington Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 14:00

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	30.8			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	57.4			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	23.5			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	25.6			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	8.3			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	90.4			% Passing			1	D422
	Silt	4.8			%			1	D422
	Clay	7.0			%			1	D422
	Sieve Size #4 - Percent Finer	69.2			% Passing			1	D422
	Sieve Size #10 - Percent Finer	45.7			% Passing			1	D422
	Sieve Size #20 - Percent Finer	29.5			% Passing			1	D422
	Sieve Size #40 - Percent Finer	20.1			% Passing			1	D422
	Sieve Size #60 - Percent Finer	14.8			% Passing			1	D422
	Sieve Size #80 - Percent Finer	13.2			% Passing			1	D422
	Sieve Size #100 - Percent Finer	12.6			% Passing			1	D422
	Sieve Size #200 - Percent Finer	11.8			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	8.5			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	8.5			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	7.8			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	7.0			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	7.0			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	5.5			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	4.7			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-20 | Lab Sample ID: 600-48830-11

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 14:16

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	39.4			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	44.1			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	24.0			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	16.4			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	3.7			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	83.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	81.5			% Passing			1	D422
	Silt	11.3			%			1	D422
	Clay	5.2			%			1	D422
	Sieve Size #4 - Percent Finer	60.6			% Passing			1	D422
	Sieve Size #10 - Percent Finer	36.6			% Passing			1	D422
	Sieve Size #20 - Percent Finer	25.8			% Passing			1	D422
	Sieve Size #40 - Percent Finer	20.2			% Passing			1	D422
	Sieve Size #60 - Percent Finer	17.8			% Passing			1	D422
	Sieve Size #80 - Percent Finer	17.2			% Passing			1	D422
	Sieve Size #100 - Percent Finer	17.0			% Passing			1	D422
	Sieve Size #200 - Percent Finer	16.5			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	6.6			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	5.9			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	5.9			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	5.2			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	5.2			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	4.5			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	3.7			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-21 Lab Sample ID: 600-48830-12

Lab Name: TestAmerica Burlington Job No.: 600-48830-1

SDG ID.:

Matrix: Solid Date Sampled: 01/12/2012 14:35

Reporting Basis: WET Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	67.6			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	24.5			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	15.9			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	7.3			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	1.3			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	84.8			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	60.1			% Passing			1	D422
	Silt	5.4			%			1	D422
	Clay	2.5			%			1	D422
	Sieve Size #4 - Percent Finer	32.4			% Passing			1	D422
	Sieve Size #10 - Percent Finer	16.5			% Passing			1	D422
	Sieve Size #20 - Percent Finer	11.1			% Passing			1	D422
	Sieve Size #40 - Percent Finer	9.2			% Passing			1	D422
	Sieve Size #60 - Percent Finer	8.4			% Passing			1	D422
	Sieve Size #80 - Percent Finer	8.2			% Passing			1	D422
	Sieve Size #100 - Percent Finer	8.1			% Passing			1	D422
	Sieve Size #200 - Percent Finer	7.9			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	3.3			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	3.3			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	3.3			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	2.5			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	2.5			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	1.7			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	1.7			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-22 | Lab Sample ID: 600-48830-13

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 15:06

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	42.5			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	38.7			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	26.0			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	11.8			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	0.9			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	80.5			% Passing			1	D422
	Silt	15.2			%			1	D422
	Clay	3.6			%			1	D422
	Sieve Size #4 - Percent Finer	57.5			% Passing			1	D422
	Sieve Size #10 - Percent Finer	31.5			% Passing			1	D422
	Sieve Size #20 - Percent Finer	21.4			% Passing			1	D422
	Sieve Size #40 - Percent Finer	19.7			% Passing			1	D422
	Sieve Size #60 - Percent Finer	19.2			% Passing			1	D422
	Sieve Size #80 - Percent Finer	19.1			% Passing			1	D422
	Sieve Size #100 - Percent Finer	19.0			% Passing			1	D422
	Sieve Size #200 - Percent Finer	18.8			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	4.4			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	4.4			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	4.3			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	3.6			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	3.6			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	2.9			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	2.2			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-23 | Lab Sample ID: 600-48830-14

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 15:43

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	52.4			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	36.1			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	22.6			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	11.0			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	2.5			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	85.7			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	71.5			% Passing			1	D422
	Silt	7.9			%			1	D422
	Clay	3.6			%			1	D422
	Sieve Size #4 - Percent Finer	47.6			% Passing			1	D422
	Sieve Size #10 - Percent Finer	25.0			% Passing			1	D422
	Sieve Size #20 - Percent Finer	16.9			% Passing			1	D422
	Sieve Size #40 - Percent Finer	14.0			% Passing			1	D422
	Sieve Size #60 - Percent Finer	12.5			% Passing			1	D422
	Sieve Size #80 - Percent Finer	12.1			% Passing			1	D422
	Sieve Size #100 - Percent Finer	11.9			% Passing			1	D422
	Sieve Size #200 - Percent Finer	11.5			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	5.0			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	5.0			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	5.0			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	4.3			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	3.6			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	2.9			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	2.2			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-24 | Lab Sample ID: 600-48830-15

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 16:00

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	28.5			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	53.2			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	14.9			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	27.8			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	10.5			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	83.1			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	78.9			% Passing			1	D422
	Silt	9.7			%			1	D422
	Clay	8.6			%			1	D422
	Sieve Size #4 - Percent Finer	71.5			% Passing			1	D422
	Sieve Size #10 - Percent Finer	56.6			% Passing			1	D422
	Sieve Size #20 - Percent Finer	40.2			% Passing			1	D422
	Sieve Size #40 - Percent Finer	28.8			% Passing			1	D422
	Sieve Size #60 - Percent Finer	21.8			% Passing			1	D422
	Sieve Size #80 - Percent Finer	20.0			% Passing			1	D422
	Sieve Size #100 - Percent Finer	19.4			% Passing			1	D422
	Sieve Size #200 - Percent Finer	18.3			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	12.2			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	11.6			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	10.4			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	9.8			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	8.6			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	7.4			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	5.5			% Passing			1	D422

1B-IN
INORGANIC ANALYSIS DATA SHEET
GEOTECHNICAL

Client Sample ID: 2012-SED-25 | Lab Sample ID: 600-48830-16

Lab Name: TestAmerica Burlington | Job No.: 600-48830-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/12/2012 16:35

Reporting Basis: WET | Date Received: 01/13/2012 09:45

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	Gravel	34.1			%			1	D422
	Sieve Size 3 inch - Percent Finer	100.0			% Passing			1	D422
	Sand	46.2			%			1	D422
	Sieve Size 2 inch - Percent Finer	100.0			% Passing			1	D422
	Coarse Sand	23.6			%			1	D422
	Sieve Size 1.5 inch - Percent Finer	100.0			% Passing			1	D422
	Medium Sand	20.5			%			1	D422
	Sieve Size 1 inch - Percent Finer	100.0			% Passing			1	D422
	Fine Sand	2.1			%			1	D422
	Sieve Size 0.75 inch - Percent Finer	100.0			% Passing			1	D422
	Sieve Size 0.375 inch - Percent Finer	83.7			% Passing			1	D422
	Silt	15.5			%			1	D422
	Clay	4.2			%			1	D422
	Sieve Size #4 - Percent Finer	65.9			% Passing			1	D422
	Sieve Size #10 - Percent Finer	42.3			% Passing			1	D422
	Sieve Size #20 - Percent Finer	27.2			% Passing			1	D422
	Sieve Size #40 - Percent Finer	21.8			% Passing			1	D422
	Sieve Size #60 - Percent Finer	20.5			% Passing			1	D422
	Sieve Size #80 - Percent Finer	20.2			% Passing			1	D422
	Sieve Size #100 - Percent Finer	20.1			% Passing			1	D422
	Sieve Size #200 - Percent Finer	19.7			% Passing			1	D422
	Hydrometer Reading 1 - Percent Finer	5.7			% Passing			1	D422
	Hydrometer Reading 2 - Percent Finer	5.7			% Passing			1	D422
	Hydrometer Reading 3 - Percent Finer	5.7			% Passing			1	D422
	Hydrometer Reading 4 - Percent Finer	4.9			% Passing			1	D422
	Hydrometer Reading 5 - Percent Finer	4.2			% Passing			1	D422
	Hydrometer Reading 6 - Percent Finer	3.4			% Passing			1	D422
	Hydrometer Reading 7 - Percent Finer	2.5			% Passing			1	D422

TestAmerica Houston
[redacted] Hwy Street
[redacted], TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Loc: 600
48830

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 2
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)				Total Number of containers	Special Instructions/Note:
			Preservation Code:				I			I					I					
2012-SED-10	1/12/12	0833	G	Sed	N	N	X			X					X				2	
2012-SED-11		0855	G	Sed			X			X					X				2	
2012-SED-12		0924					X			X					X				2	
2012-SED-13		0940					X			X					X				2	
2012-SED-14		1002					X			X					X				2	
2012-SED-15		1020					X			X					X				2	
2012-SED-16		1106					X			X					X				2	
2012-SED-17		1131					X			X					X				2	
2012-SED-18		1151					X			X					X				2	
2012-SED-19		1400					X			X					X				2	
2012-SED-20	↓	1416	↓	↓	↓	↓	X			X					X				2	

Page 600 of 614

02/10/2012

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: Shipped in 2 coolers

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1/12/12 1801	PBW	Brandi Meeks	1/13/12 0945	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Login Number: 48830

List Source: TestAmerica Houston

List Number: 1

Creator: Meeler, Brandi M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Login Number: 48830
List Number: 1
Creator: Kirchner, Benjamin

List Source: TestAmerica Burlington
List Creation: 01/17/12 12:36 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	281320
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Login Number: 48830
List Number: 2
Creator: Holt, Jamie

List Source: TestAmerica Burlington
List Creation: 01/19/12 11:35 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0ºC, IR GUN ID 154, CF 0
COC is present.	N/A	ONLY REC'D MISSING VOLUME FROM PREVIOUS SHIPMENT
COC is filled out in ink and legible.	N/A	
COC is filled out with all pertinent information.	N/A	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the sample IDs on the containers and the COC.	N/A	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Login Number: 48830
List Number: 1
Creator: Cofoid, Stephen T

List Source: TestAmerica Denver
List Creation: 01/19/12 11:35 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48830-1

Login Number: 48830
List Number: 2
Creator: Bindel, Aaron M

List Source: TestAmerica Denver
List Creation: 01/26/12 08:37 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-48993-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
2/20/2012 10:37 AM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
02/20/2012

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Report Narrative 16
Method Summary 17
Method / Analyst Summary 18
Sample Summary 19
Sample Results 20
Sample Datasheets 21
Data Qualifiers 39
QC Results 40
Qc Association Summary 41
Qc Reports 44
Raw Data 52
Client Chain of Custody 286
Sample Receipt Checklist 287

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-48993-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		02/20/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48993
Reviewer Name: BDG	Prep Batch Number(s): 600-70502 – Sulfate

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				1
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48993
Reviewer Name: BDG	Prep Batch Number(s): 600-70502 – Sulfate

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48993
Reviewer Name: BDG	Prep Batch Number(s): 600-70502 – Sulfate

ER #[1]	DESCRIPTION
1	The Sulfate SDLs for samples 600-48993-1, 2, 3, 4, 5, 6, 7, 8 and 9 were elevated due to the high concentrations of this analyte.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48993
Reviewer Name: BDG	Prep Batch Number(s): 600-70370 & 70766 - TDS

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48993
Reviewer Name: BDG	Prep Batch Number(s): 600-70370 & 70766 - TDS

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
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5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48993
Reviewer Name: BDG	Prep Batch Number(s): 600-70370 & 70766 - TDS

ER #[1]	DESCRIPTION
1	The %RPD between samples 600-48993-6 and 7 were above acceptance limits.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling, Frisco TX	Laboratory Job Number: 600-48993
Reviewer Name: TWR	Prep Batch Number(s): 600-70423- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling, Frisco TX	Laboratory Job Number: 600-48993
Reviewer Name: TWR	Prep Batch Number(s): 600-70423- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling, Frisco TX	Laboratory Job Number: 600-48993
Reviewer Name: TWR	Prep Batch Number(s): 600-70423- ICP

ER #[1]	DESCRIPTION

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Detection Check Standard

Matrix: Water
Method: 300.0, 9056
Preparation: N/A
Date Analyzed: 12/29/2011
Date Prepared: 12/29/2011
TALs Batches: N/A
Units: mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Fluoride	0.02199	0.06	0.069	0.2
Chloride	0.141347	0.4	0.643	0.4
Nitrite	0.081	0.2	0.434	0.2
Bromide	0.022912	0.06	0.095	0.2
Nitrate	0.010952	0.03	0.032	0.2
Orthophosphate	0.162	0.3	0.453	0.2
Sulfate	0.269171	0.75	1.01	0.4

Detection Check Standard

Matrix: Water
Method: 2540C
Preparation: N/A
Date Analyzed: 11/22/2011
Date Prepared: 11/22/2011
TALs Batches: N/A
Units: mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Total Dissolved Solids	3.563827	10	11	10

Comments
No additional comments.

Receipt
The following sample(s) was listed on the Chain of Custody (COC); however, no sample(s) was received: 2012-MW-17 was not received inside the cooler.

All other samples were received in good condition within temperature requirements.

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48993-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals			SW846 3010A
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals			SW846 3010A
Sample Filtration, Field			FIELD_FLTRD
Anions, Ion Chromatography	TAL HOU	MCAWW 300.0	
Solids, Total Dissolved (TDS)	TAL HOU	SM SM 2540C	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

Method	Analyst	Analyst ID
SW846 6010B	Patel, Silen R	SRP
MCAWW 300.0	Puranik, Surendra U	SUP
SM SM 2540C	Daniel, Kevin R	KRD

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-48993-1	2012-MW-13	Water	01/16/2012 1510	01/18/2012 0914
600-48993-2	2012-MW-14	Water	01/16/2012 1600	01/18/2012 0914
600-48993-3	2012-MW-12	Water	01/16/2012 1650	01/18/2012 0914
600-48993-4	2012-MW-19	Water	01/17/2012 1000	01/18/2012 0914
600-48993-5	2012-MW-18	Water	01/17/2012 1125	01/18/2012 0914
600-48993-6	2012-MW-FD	Water	01/17/2012 1125	01/18/2012 0914
600-48993-7	2012-MW-16	Water	01/17/2012 1320	01/18/2012 0914
600-48993-8	2012-MW-16S	Water	01/17/2012 1430	01/18/2012 0914
600-48993-9	2012-B5N	Water	01/17/2012 1620	01/18/2012 0914

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-13

Lab Sample ID: 600-48993-1
Client Matrix: Water

Date Sampled: 01/16/2012 15:10
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 17:37	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 17:37	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	2230			10.0	10.0	10.0	mg/L	70370	01/18/2012 17:26	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 17:41	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 17:41	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-13

Lab Sample ID: 600-48993-1 DL2
Client Matrix: Water

Date Sampled: 01/16/2012 15:10
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	1200			0.200	0.500	20.0	mg/L	70502	01/19/2012 16:53	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-14

Lab Sample ID: 600-48993-2
Client Matrix: Water

Date Sampled: 01/16/2012 16:00
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 17:45	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 17:45	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	4180			10.0	10.0	20.0	mg/L	70370	01/18/2012 17:26	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 17:48	1	SRP
Lead	7439-92-1	0.00311	J		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 17:48	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-14

Lab Sample ID: 600-48993-2 DL2
Client Matrix: Water

Date Sampled: 01/16/2012 16:00
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	2630			0.200	0.500	20.0	mg/L	70502	01/19/2012 18:05	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-12

Lab Sample ID: 600-48993-3
Client Matrix: Water

Date Sampled: 01/16/2012 16:50
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 17:52	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 17:52	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	1960			10.0	10.0	20.0	mg/L	70370	01/18/2012 17:26	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 17:56	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 17:56	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-12

Lab Sample ID: 600-48993-3 DL2
Client Matrix: Water

Date Sampled: 01/16/2012 16:50
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	2520			0.200	0.500	20.0	mg/L	70502	01/19/2012 18:41	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-19

Lab Sample ID: 600-48993-4
Client Matrix: Water

Date Sampled: 01/17/2012 10:00
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 18:19	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 18:19	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	1760			10.0	10.0	10.0	mg/L	70370	01/18/2012 17:26	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 18:23	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 18:23	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-19

Lab Sample ID: 600-48993-4 DL
Client Matrix: Water

Date Sampled: 01/17/2012 10:00
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	854			0.200	0.500	20.0	mg/L	70502	01/19/2012 19:34	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-18

Lab Sample ID: 600-48993-5
Client Matrix: Water

Date Sampled: 01/17/2012 11:25
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 18:27	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 18:27	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	1040			10.0	10.0	10.0	mg/L	70370	01/18/2012 17:26	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 18:43	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 18:43	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-18

Lab Sample ID: 600-48993-5 DL
Client Matrix: Water

Date Sampled: 01/17/2012 11:25
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	453			0.200	0.500	20.0	mg/L	70502	01/19/2012 19:52	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-FD

Lab Sample ID: 600-48993-6
Client Matrix: Water

Date Sampled: 01/17/2012 11:25
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 18:46	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 18:46	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	1220			10.0	10.0	10.0	mg/L	70370	01/18/2012 17:26	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 18:50	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 18:50	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-FD

Lab Sample ID: 600-48993-6 DL
Client Matrix: Water

Date Sampled: 01/17/2012 11:25
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	455			0.200	0.500	20.0	mg/L	70502	01/19/2012 20:10	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-16

Lab Sample ID: 600-48993-7
Client Matrix: Water

Date Sampled: 01/17/2012 13:20
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 19:02	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 19:02	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	1380			10.0	10.0	10.0	mg/L	70766	01/24/2012 14:03	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 19:06	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 19:06	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-16

Lab Sample ID: 600-48993-7 DL
Client Matrix: Water

Date Sampled: 01/17/2012 13:20
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	298			0.200	0.500	20.0	mg/L	70502	01/19/2012 20:28	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-16S

Lab Sample ID: 600-48993-8
Client Matrix: Water

Date Sampled: 01/17/2012 14:30
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 19:09	1	SRP
Lead	7439-92-1	0.00299	J		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 19:09	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	7980			10.0	10.0	20.0	mg/L	70766	01/24/2012 14:03	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 19:13	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 19:13	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-16S

Lab Sample ID: 600-48993-8 DL
Client Matrix: Water

Date Sampled: 01/17/2012 14:30
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	1080			0.200	0.500	20.0	mg/L	70502	01/19/2012 20:46	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-B5N

Lab Sample ID: 600-48993-9
Client Matrix: Water

Date Sampled: 01/17/2012 16:20
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70423	01/19/2012 12:07		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 19:17	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 19:17	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	1550			10.0	10.0	10.0	mg/L	70766	01/24/2012 14:03	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70800	01/24/2012 19:21	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70800	01/24/2012 19:21	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48993-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-B5N

Lab Sample ID: 600-48993-9 DL
Client Matrix: Water

Date Sampled: 01/17/2012 16:20
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	889			0.200	0.500	20.0	mg/L	70502	01/19/2012 21:04	100	SUP

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48993-1

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
General Chemistry		
	U	Analyte was not detected at or above the SDL.
	F	Duplicate RPD exceeds the control limit

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-70423					
LCS 600-70423/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70423/1-A	Method Blank	T	Water	3010A	
600-48993-1	2012-MW-13	D	Water	3010A	
600-48993-1	2012-MW-13	T	Water	3010A	
600-48993-2	2012-MW-14	D	Water	3010A	
600-48993-2	2012-MW-14	T	Water	3010A	
600-48993-3	2012-MW-12	D	Water	3010A	
600-48993-3	2012-MW-12	T	Water	3010A	
600-48993-3DU	Duplicate	T	Water	3010A	
600-48993-3MS	Matrix Spike	T	Water	3010A	
600-48993-3MSD	Matrix Spike Duplicate	T	Water	3010A	
600-48993-4	2012-MW-19	D	Water	3010A	
600-48993-4	2012-MW-19	T	Water	3010A	
600-48993-5	2012-MW-18	D	Water	3010A	
600-48993-5	2012-MW-18	T	Water	3010A	
600-48993-5DU	Duplicate	D	Water	3010A	
600-48993-5MS	Matrix Spike	D	Water	3010A	
600-48993-5MSD	Matrix Spike Duplicate	D	Water	3010A	
600-48993-6	2012-MW-FD	D	Water	3010A	
600-48993-6	2012-MW-FD	T	Water	3010A	
600-48993-7	2012-MW-16	D	Water	3010A	
600-48993-7	2012-MW-16	T	Water	3010A	
600-48993-8	2012-MW-16S	D	Water	3010A	
600-48993-8	2012-MW-16S	T	Water	3010A	
600-48993-9	2012-B5N	D	Water	3010A	
600-48993-9	2012-B5N	T	Water	3010A	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:600-70800					
LCS 600-70423/2-A	Lab Control Sample	T	Water	6010B	600-70423
MB 600-70423/1-A	Method Blank	T	Water	6010B	600-70423
600-48993-1	2012-MW-13	D	Water	6010B	600-70423
600-48993-1	2012-MW-13	T	Water	6010B	600-70423
600-48993-2	2012-MW-14	D	Water	6010B	600-70423
600-48993-2	2012-MW-14	T	Water	6010B	600-70423
600-48993-3	2012-MW-12	D	Water	6010B	600-70423
600-48993-3	2012-MW-12	T	Water	6010B	600-70423
600-48993-3DU	Duplicate	T	Water	6010B	600-70423
600-48993-3MS	Matrix Spike	T	Water	6010B	600-70423
600-48993-3MSD	Matrix Spike Duplicate	T	Water	6010B	600-70423
600-48993-4	2012-MW-19	D	Water	6010B	600-70423
600-48993-4	2012-MW-19	T	Water	6010B	600-70423
600-48993-5	2012-MW-18	D	Water	6010B	600-70423
600-48993-5	2012-MW-18	T	Water	6010B	600-70423
600-48993-5DU	Duplicate	D	Water	6010B	600-70423
600-48993-5MS	Matrix Spike	D	Water	6010B	600-70423
600-48993-5MSD	Matrix Spike Duplicate	D	Water	6010B	600-70423
600-48993-6	2012-MW-FD	D	Water	6010B	600-70423
600-48993-6	2012-MW-FD	T	Water	6010B	600-70423
600-48993-7	2012-MW-16	D	Water	6010B	600-70423
600-48993-7	2012-MW-16	T	Water	6010B	600-70423
600-48993-8	2012-MW-16S	D	Water	6010B	600-70423
600-48993-8	2012-MW-16S	T	Water	6010B	600-70423
600-48993-9	2012-B5N	D	Water	6010B	600-70423
600-48993-9	2012-B5N	T	Water	6010B	600-70423

Report Basis
D = Dissolved
T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-70370					
LCS 600-70370/2	Lab Control Sample	T	Water	SM 2540C	
MB 600-70370/1	Method Blank	T	Water	SM 2540C	
600-48993-1	2012-MW-13	T	Water	SM 2540C	
600-48993-2	2012-MW-14	T	Water	SM 2540C	
600-48993-3	2012-MW-12	T	Water	SM 2540C	
600-48993-4	2012-MW-19	T	Water	SM 2540C	
600-48993-5	2012-MW-18	T	Water	SM 2540C	
600-48993-6	2012-MW-FD	T	Water	SM 2540C	
600-48993-6DU	Duplicate	T	Water	SM 2540C	
Analysis Batch:600-70502					
LCS 600-70502/5	Lab Control Sample	T	Water	300.0	
MB 600-70502/4	Method Blank	T	Water	300.0	
600-48993-1DL	2012-MW-13	T	Water	300.0	
600-48993-1DL2	2012-MW-13	T	Water	300.0	
600-48993-1DUDL2	Duplicate	T	Water	300.0	
600-48993-1MSDL2	Matrix Spike	T	Water	300.0	
600-48993-2DL	2012-MW-14	T	Water	300.0	
600-48993-2DL2	2012-MW-14	T	Water	300.0	
600-48993-3DL	2012-MW-12	T	Water	300.0	
600-48993-3DL2	2012-MW-12	T	Water	300.0	
600-48993-4DL	2012-MW-19	T	Water	300.0	
600-48993-5DL	2012-MW-18	T	Water	300.0	
600-48993-6DL	2012-MW-FD	T	Water	300.0	
600-48993-7DL	2012-MW-16	T	Water	300.0	
600-48993-8DL	2012-MW-16S	T	Water	300.0	
600-48993-9DL	2012-B5N	T	Water	300.0	
Analysis Batch:600-70766					
LCS 600-70766/2	Lab Control Sample	T	Water	SM 2540C	
MB 600-70766/1	Method Blank	T	Water	SM 2540C	
600-48993-7	2012-MW-16	T	Water	SM 2540C	
600-48993-7DU	Duplicate	T	Water	SM 2540C	
600-48993-8	2012-MW-16S	T	Water	SM 2540C	
600-48993-9	2012-B5N	T	Water	SM 2540C	

Report Basis
T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

Method Blank - Batch: 600-70423

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70423/1-A	Analysis Batch:	600-70800	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70423	Lab File ID:	B012412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/24/2012 1729	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/19/2012 1207				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-70423

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70423/2-A	Analysis Batch:	600-70800	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70423	Lab File ID:	B012412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/24/2012 1733	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/19/2012 1207				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.5447	109	80 - 120	
Lead	1.00	1.019	102	80 - 120	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70423

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48993-3	Analysis Batch:	600-70800	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70423	Lab File ID:	B012412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/24/2012 1804			Final Weight/Volume:	50 mL
Prep Date:	01/19/2012 1207				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48993-3	Analysis Batch:	600-70800	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70423	Lab File ID:	B012412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/24/2012 1815			Final Weight/Volume:	50 mL
Prep Date:	01/19/2012 1207				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	103	104	75 - 125	0	20		
Lead	99	99	75 - 125	1	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70423

Method: 6010B
Preparation: 3010A
Dissolved

MS Lab Sample ID:	600-48993-5	Analysis Batch:	600-70800	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70423	Lab File ID:	B012412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/24/2012 1835			Final Weight/Volume:	50 mL
Prep Date:	01/19/2012 1207				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48993-5	Analysis Batch:	600-70800	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70423	Lab File ID:	B012412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/24/2012 1839			Final Weight/Volume:	50 mL
Prep Date:	01/19/2012 1207				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	104	104	75 - 125	0	20		
Lead	99	99	75 - 125	0	20		

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70423

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48993-3	Units: mg/L	MSD Lab Sample ID: 600-48993-3
Client Matrix:	Water		Client Matrix: Water
Dilution:	1.0		Dilution: 1.0
Analysis Date:	01/24/2012 1804		Analysis Date: 01/24/2012 1815
Prep Date:	01/19/2012 1207		Prep Date: 01/19/2012 1207
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.5156	0.5177
Lead	0.00290	U	1.00	1.00	0.9868	0.9920

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70423

Method: 6010B
Preparation: 3010A
Dissolved

MS Lab Sample ID:	600-48993-5	Units: mg/L	MSD Lab Sample ID: 600-48993-5
Client Matrix:	Water		Client Matrix: Water
Dilution:	1.0		Dilution: 1.0
Analysis Date:	01/24/2012 1835		Analysis Date: 01/24/2012 1839
Prep Date:	01/19/2012 1207		Prep Date: 01/19/2012 1207
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.5189	0.5204
Lead	0.00290	U	1.00	1.00	0.9863	0.9885

Duplicate - Batch: 600-70423

Method: 6010B
Preparation: 3010A

Lab Sample ID:	600-48993-3	Analysis Batch:	600-70800	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70423	Lab File ID:	B012412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/24/2012 1800	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/19/2012 1207				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.000350	U	0.000350	NC	20	U
Lead	0.00290	U	0.00290	NC	20	U

Duplicate - Batch: 600-70423

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	600-48993-5	Analysis Batch:	600-70800	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70423	Lab File ID:	B012412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/24/2012 1831	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/19/2012 1207				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.000350	U	0.000350	NC	20	U
Lead	0.00290	U	0.00290	NC	20	U

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48993-1

Method Blank - Batch: 600-70502

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 600-70502/4	Analysis Batch:	600-70502	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	12.0000.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/19/2012 1559	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Sulfate	0.200	U	0.200	0.500

Lab Control Sample - Batch: 600-70502

Method: 300.0
Preparation: N/A

Lab Sample ID:	LCS 600-70502/5	Analysis Batch:	600-70502	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	13.0000.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/19/2012 1617	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	20.0	21.31	107	90 - 110	

Matrix Spike - Batch: 600-70502

Method: 300.0
Preparation: N/A

Lab Sample ID:	600-48993-1DL2	Analysis Batch:	600-70502	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	17.0000.TXT
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/19/2012 1729	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A	Run Type:	DL2		
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	1200	1000	2179	98	80 - 120	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

Duplicate - Batch: 600-70502

Method: 300.0
Preparation: N/A

Lab Sample ID:	600-48993-1DL2	Analysis Batch:	600-70502	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	16.0000.TXT
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/19/2012 1711	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A	Run Type:	DL2		
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfate	1200	1180	2	20	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

Method Blank - Batch: 600-70370

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	MB 600-70370/1	Analysis Batch:	600-70370	Instrument ID:	B1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	01/18/2012 1726	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Dissolved Solids	10.0	U	10.0	10.0

Lab Control Sample - Batch: 600-70370

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	LCS 600-70370/2	Analysis Batch:	600-70370	Instrument ID:	B1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	01/18/2012 1726	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	1800	1906	106	90 - 110	

Duplicate - Batch: 600-70370

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	600-48993-6	Analysis Batch:	600-70370	Instrument ID:	B1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	01/18/2012 1726	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	1220	1090	11	10	F

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

Method Blank - Batch: 600-70766

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	MB 600-70766/1	Analysis Batch:	600-70766	Instrument ID:	B1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	01/24/2012 1403	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Dissolved Solids	10.0	U	10.0	10.0

Lab Control Sample - Batch: 600-70766

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	LCS 600-70766/2	Analysis Batch:	600-70766	Instrument ID:	B1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	01/24/2012 1403	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	1800	1848	103	90 - 110	

Duplicate - Batch: 600-70766

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	600-48993-7	Analysis Batch:	600-70766	Instrument ID:	B1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	01/24/2012 1403	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	1380	1188	15	10	F

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-MW-13	600-48993-1
2012-MW-14	600-48993-2
2012-MW-12	600-48993-3
2012-MW-19	600-48993-4
2012-MW-18	600-48993-5
2012-MW-FD	600-48993-6
2012-MW-16	600-48993-7
2012-MW-16S	600-48993-8
2012-B5N	600-48993-9

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-13 Lab Sample ID: 600-48993-1

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 15:10

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-MW-13 Lab Sample ID: 600-48993-1

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 15:10

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-14 Lab Sample ID: 600-48993-2

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 16:00

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00311	0.0100	0.00290	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-MW-14 Lab Sample ID: 600-48993-2

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 16:00

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-12 Lab Sample ID: 600-48993-3

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 16:50

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-MW-12 Lab Sample ID: 600-48993-3

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 16:50

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-19 Lab Sample ID: 600-48993-4

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 10:00

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-MW-19 Lab Sample ID: 600-48993-4

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 10:00

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-18 Lab Sample ID: 600-48993-5

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 11:25

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-MW-18 Lab Sample ID: 600-48993-5

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 11:25

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-FD
Lab Sample ID: 600-48993-6
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 11:25
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-MW-FD
Lab Sample ID: 600-48993-6
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 11:25
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-16 Lab Sample ID: 600-48993-7

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 13:20

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-MW-16 Lab Sample ID: 600-48993-7

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 13:20

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-16S
Lab Sample ID: 600-48993-8
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 14:30
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-MW-16S
Lab Sample ID: 600-48993-8
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 14:30
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00299	0.0100	0.00290	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-B5N
Lab Sample ID: 600-48993-9
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 16:20
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-B5N
Lab Sample ID: 600-48993-9
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 16:20
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-70800/4 01/24/2012 13:34				CCV 600-70800/61 01/24/2012 17:19				CCV 600-70800/73 01/24/2012 18:08			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5135		0.500	103	0.5355		0.500	107	0.5452		0.500	109
Lead	0.5071		0.500	101	0.4978		0.500	100	0.5084		0.500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-70800/85 01/24/2012 18:54				CCV 600-70800/95 01/24/2012 19:33							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5396		0.500	108	0.5486		0.500	110				
Lead	0.4970		0.500	99	0.5061		0.500	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-70800/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005440		109	50-150
Lead	0.0100	0.01073		107	50-150

Lab Sample ID: CRI 600-70800/97 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005640		113	50-150
Lead	0.0100	0.01102		110	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70800/5 01/24/2012 13:38		CCB 600-70800/62 01/24/2012 17:23		CCB 600-70800/74 01/24/2012 18:11		CCB 600-70800/86 01/24/2012 18:58	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70800/96 01/24/2012 19:36							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70423/1-A

Instrument Code: TJA1 Batch No.: 70800

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.00290	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Lab Sample ID: ICSA 600-70800/7 Instrument ID: TJA1

Lab File ID: B012412 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0050**	
Lead		**0.0103**	
Aluminum	*500*	*494*	*99*
Antimony		*0.0025*	
Arsenic		*0.0014*	
Barium		*0.0017*	
Beryllium		*-0.0003*	
Boron		*-0.0025*	
Calcium	*500*	*454*	*91*
Chromium		*0.0012*	
Cobalt		*-0.0001*	
Copper		*0.0124*	
Iron	*200*	*191*	*95*
Lithium		*0.0045*	
Magnesium	*500*	*502*	*100*
Manganese		*-0.0077*	
Molybdenum		*0.0001*	
Nickel		*0.0014*	
Potassium		*0.0769*	
Selenium		*-0.0109*	
Silicon		*0.0085*	
Silver		*-0.0005*	
Sodium		*0.161*	
Strontium		*-0.0090*	
Thallium		*0.0015*	
Tin		*-0.0004*	
Titanium		*-0.0026*	
Vanadium		*0.0045*	
Zinc		*0.0012*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Lab Sample ID: ICSAB 600-70800/8 Instrument ID: TJA1

Lab File ID: B012412 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.480**	**96**
Lead	**1.00**	**0.972**	**97**
Aluminum	*510*	*500*	*98*
Antimony	*1.00*	*1.03*	*103*
Arsenic	*1.00*	*1.02*	*102*
Barium	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.478*	*96*
Boron	*1.00*	*1.04*	*104*
Calcium	*510*	*458*	*90*
Chromium	*1.00*	*0.947*	*95*
Cobalt	*1.00*	*0.915*	*92*
Copper	*1.00*	*1.05*	*105*
Iron	*210*	*199*	*95*
Lithium	*1.00*	*1.21*	*121*
Magnesium	*510*	*508*	*100*
Manganese	*1.00*	*0.942*	*94*
Molybdenum	*1.00*	*0.985*	*99*
Nickel	*1.00*	*0.967*	*97*
Potassium	*10.0*	*14.2*	*142*
Selenium	*1.00*	*0.994*	*99*
Silicon	*1.00*	*0.956*	*96*
Silver	*0.500*	*0.526*	*105*
Sodium	*10.0*	*13.4*	*134*
Strontium	*0.500*	*0.496*	*99*
Thallium	*1.00*	*0.973*	*97*
Tin	*1.00*	*0.984*	*98*
Titanium	*1.00*	*0.980*	*98*
Vanadium	*1.00*	*0.971*	*97*
Zinc	*1.00*	*1.00*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Lab Sample ID: ICSA 600-70800/98 Instrument ID: TJA1

Lab File ID: B012412 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0032**	
Lead		**0.0132**	
Aluminum	*500*	*497*	*99*
Antimony		*0.0032*	
Arsenic		*-0.0010*	
Barium		*0.0019*	
Beryllium		*-0.0009*	
Boron		*0.0006*	
Calcium	*500*	*435*	*87*
Chromium		*0.0014*	
Cobalt		*-0.0001*	
Copper		*0.0110*	
Iron	*200*	*189*	*95*
Lithium		*0.0048*	
Magnesium	*500*	*468*	*94*
Manganese		*-0.0070*	
Molybdenum		*-0.0011*	
Nickel		*0.0006*	
Potassium		*-0.0126*	
Selenium		*-0.0177*	
Silicon		*-0.0009*	
Silver		*-0.0015*	
Sodium		*0.187*	
Strontium		*-0.0083*	
Thallium		*0.0293*	
Tin		*-0.0027*	
Titanium		*-0.0027*	
Vanadium		*0.0071*	
Zinc		*-0.0004*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Lab Sample ID: ICSAB 600-70800/99 Instrument ID: TJA1

Lab File ID: B012412 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.505**	**101**
Lead	**1.00**	**0.966**	**97**
Aluminum	*510*	*499*	*98*
Antimony	*1.00*	*1.12*	*112*
Arsenic	*1.00*	*1.06*	*106*
Barium	*1.00*	*1.12*	*112*
Beryllium	*0.500*	*0.423*	*85*
Boron	*1.00*	*1.10*	*110*
Calcium	*510*	*436*	*86*
Chromium	*1.00*	*0.880*	*88*
Cobalt	*1.00*	*0.853*	*85*
Copper	*1.00*	*0.988*	*99*
Iron	*210*	*195*	*93*
Lithium	*1.00*	*1.38*	*138*
Magnesium	*510*	*470*	*92*
Manganese	*1.00*	*0.905*	*90*
Molybdenum	*1.00*	*0.983*	*98*
Nickel	*1.00*	*1.05*	*105*
Potassium	*10.0*	*16.3*	*163*
Selenium	*1.00*	*0.991*	*99*
Silicon	*1.00*	*0.929*	*93*
Silver	*0.500*	*0.513*	*103*
Sodium	*10.0*	*15.1*	*151*
Strontium	*0.500*	*0.543*	*109*
Thallium	*1.00*	*1.10*	*110*
Tin	*1.00*	*0.973*	*97*
Titanium	*1.00*	*0.981*	*98*
Vanadium	*1.00*	*0.930*	*93*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-MW-12 MS
Lab ID: 600-48993-3 MS
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5156		0.000350	U	0.500	103	75-125		6010B
Lead	0.9868		0.00290	U	1.00	99	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: 2012-MW-18 MS
Lab ID: 600-48993-5 MS
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5189		0.000350	U	0.500	104	75-125		6010B
Lead	0.9863		0.00290	U	1.00	99	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-MW-12 MSD
Lab ID: 600-48993-3 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.5177		0.500	104	75-125	0	20		6010B
Lead	0.9920		1.00	99	75-125	1	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: 2012-MW-18 MSD
Lab ID: 600-48993-5 MSD
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.5204		0.500	104	75-125	0	20		6010B
Lead	0.9885		1.00	99	75-125	0	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-MW-12 PDS | Lab ID: 600-48993-3 PDS

Lab Name: TestAmerica Houston | Job No.: 600-48993-1

SDG No.:

Matrix: Water | Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5023		0.000350	U	0.500	100	75-125		6010B
Lead	0.9557		0.00290	U	1.00	96	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 2012-MW-12 DU | Lab ID: 600-48993-3 DU

Lab Name: TestAmerica Houston | Job No.: 600-48993-1

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.00500	0.000350	U	0.000350	U	NC		6010B
Lead	0.0100	0.00290	U	0.00290	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - DISSOLVED

Client ID: 2012-MW-18 DU | Lab ID: 600-48993-5 DU

Lab Name: TestAmerica Houston | Job No.: 600-48993-1

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.00500	0.000350	U	0.000350	U	NC		6010B
Lead	0.0100	0.00290	U	0.00290	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70423/2-A

Lab Name: TestAmerica Houston Job No.: 600-48993-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.5447		109	80	120		6010B
Lead	1.00	1.019		102	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-48993-3

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48993-1

Matrix: Water Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	0.000350	U	0.00175	U	NC		6010B
Lead	0.00290	U	0.0145	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-48993-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70423/1-A	01/19/2012 12:07	70423		50	50
LCS 600-70423/2-A	01/19/2012 12:07	70423		50	50
600-48993-1	01/19/2012 12:07	70423		50	50
600-48993-1	01/19/2012 12:07	70423		50	50
600-48993-2	01/19/2012 12:07	70423		50	50
600-48993-2	01/19/2012 12:07	70423		50	50
600-48993-3	01/19/2012 12:07	70423		50	50
600-48993-3	01/19/2012 12:07	70423		50	50
600-48993-3 DU	01/19/2012 12:07	70423		50	50
600-48993-3 MS	01/19/2012 12:07	70423		50	50
600-48993-3 MSD	01/19/2012 12:07	70423		50	50
600-48993-4	01/19/2012 12:07	70423		50	50
600-48993-4	01/19/2012 12:07	70423		50	50
600-48993-5	01/19/2012 12:07	70423		50	50
600-48993-5 DU	01/19/2012 12:07	70423		50	50
600-48993-5 MS	01/19/2012 12:07	70423		50	50
600-48993-5 MSD	01/19/2012 12:07	70423		50	50
600-48993-5	01/19/2012 12:07	70423		50	50
600-48993-6	01/19/2012 12:07	70423		50	50
600-48993-6	01/19/2012 12:07	70423		50	50
600-48993-7	01/19/2012 12:07	70423		50	50
600-48993-7	01/19/2012 12:07	70423		50	50
600-48993-8	01/19/2012 12:07	70423		50	50
600-48993-8	01/19/2012 12:07	70423		50	50
600-48993-9	01/19/2012 12:07	70423		50	50
600-48993-9	01/19/2012 12:07	70423		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/24/2012 13:23 End Date: 01/24/2012 19:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			13:23																				
STD 600-70800/2 IC			13:26	X	X																		
ZZZZZZ			13:30																				
ICV 600-70800/4	1		13:34	X	X																		
ICB 600-70800/5	1		13:38	X	X																		
CRI 600-70800/6	1		13:43	X	X																		
ICSA 600-70800/7	1		13:47	X	X																		
ICSAB 600-70800/8	1		13:51	X	X																		
CCV 600-70800/9			13:55																				
CCB 600-70800/10			13:59																				
ZZZZZZ			14:03																				
ZZZZZZ			14:07																				
ZZZZZZ			14:10																				
ZZZZZZ			14:14																				
ZZZZZZ			14:18																				
ZZZZZZ			14:22																				
ZZZZZZ			14:26																				
ZZZZZZ			14:30																				
ZZZZZZ			14:34																				
ZZZZZZ			14:37																				
CCV 600-70800/21			14:42																				
CCB 600-70800/22			14:46																				
ZZZZZZ			14:50																				
ZZZZZZ			14:54																				
ZZZZZZ			14:58																				
ZZZZZZ			15:01																				
ZZZZZZ			15:05																				
ZZZZZZ			15:09																				
ZZZZZZ			15:13																				
ZZZZZZ			15:17																				
ZZZZZZ			15:21																				
ZZZZZZ			15:25																				
CCV 600-70800/33			15:28																				
CCB 600-70800/34			15:32																				
ZZZZZZ			15:37																				
ZZZZZZ			15:41																				
ZZZZZZ			15:45																				
ZZZZZZ			15:48																				
ZZZZZZ			15:52																				
ZZZZZZ			15:56																				
ZZZZZZ			16:00																				
ZZZZZZ			16:06																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/24/2012 13:23 End Date: 01/24/2012 19:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			16:09																				
ZZZZZZ			16:13																				
CCV 600-70800/45			16:17																				
CCB 600-70800/46			16:21																				
ZZZZZZ			16:25																				
ZZZZZZ			16:29																				
ZZZZZZ			16:33																				
ZZZZZZ			16:36																				
ZZZZZZ			16:40																				
ZZZZZZ			16:44																				
ZZZZZZ			16:48																				
ZZZZZZ			16:52																				
ZZZZZZ			16:56																				
ZZZZZZ			17:00																				
CCV 600-70800/57			17:03																				
CCB 600-70800/58			17:07																				
ZZZZZZ			17:11																				
ZZZZZZ			17:15																				
CCV 600-70800/61	1		17:19	X	X																		
CCB 600-70800/62	1		17:23	X	X																		
MB 600-70423/1-A	1	T	17:29	X	X																		
LCS 600-70423/2-A	1	T	17:33	X	X																		
600-48993-1	1	D	17:37	X	X																		
600-48993-1	1	T	17:41	X	X																		
600-48993-2	1	D	17:45	X	X																		
600-48993-2	1	T	17:48	X	X																		
600-48993-3	1	D	17:52	X	X																		
600-48993-3	1	T	17:56	X	X																		
600-48993-3 DU	1	T	18:00	X	X																		
600-48993-3 MS	1	T	18:04	X	X																		
CCV 600-70800/73	1		18:08	X	X																		
CCB 600-70800/74	1		18:11	X	X																		
600-48993-3 MSD	1	T	18:15	X	X																		
600-48993-4	1	D	18:19	X	X																		
600-48993-4	1	T	18:23	X	X																		
600-48993-5	1	D	18:27	X	X																		
600-48993-5 DU	1	D	18:31	X	X																		
600-48993-5 MS	1	D	18:35	X	X																		
600-48993-5 MSD	1	D	18:39	X	X																		
600-48993-5	1	T	18:43	X	X																		
600-48993-6	1	D	18:46	X	X																		
600-48993-6	1	T	18:50	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/24/2012 13:23 End Date: 01/24/2012 19:56

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
CCV 600-70800/85	1		18:54	X	X																			
CCB 600-70800/86	1		18:58	X	X																			
600-48993-7	1	D	19:02	X	X																			
600-48993-7	1	T	19:06	X	X																			
600-48993-8	1	D	19:09	X	X																			
600-48993-8	1	T	19:13	X	X																			
600-48993-9	1	D	19:17	X	X																			
600-48993-9	1	T	19:21	X	X																			
600-48993-3 PDS	1	T	19:25	X	X																			
600-48993-3 SD	5	T	19:29	X	X																			
CCV 600-70800/95	1		19:33	X	X																			
CCB 600-70800/96	1		19:36	X	X																			
CRI 600-70800/97	1		19:40	X	X																			
ICSA 600-70800/98	1		19:44	X	X																			
ICSAB 600-70800/99	1		19:48	X	X																			
CCV 600-70800/100			19:52																					
CCB 600-70800/101			19:56																					

Prep Types

D = Dissolved

T = Total/NA

Method: 20076010 01/24/12 01:18:34 PM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : B012412	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/24/12 01:26:39 PM page 1

Method: 20076010 Standard: S0
Run Time: 01/24/12 13:23:16

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01362	.00156	-.00048	.00033	-.04653	.00738	.00104
SDev	.00015	.00012	.00015	.00041	.00006	.00023	.00179
%RSD	1.1094	7.9049	32.242	125.62	.13641	3.1028	171.39
#1	.01351	.00147	-.00037	.00004	-.04658	.00722	-.00022
#2	.01373	.00165	-.00059	.00062	-.04649	.00754	.00231

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00551	-.00006	-.00053	.00246	.00046	.04741	.02304
SDev	.00003	.00018	.00013	.00004	.00054	.00004	.00017
%RSD	.52747	328.15	23.980	1.6955	118.67	.07741	.75341
#1	.00549	-.00018	-.00044	.00243	.00007	.04739	.02316
#2	.00553	.00007	-.00062	.00249	.00084	.04744	.02291

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00006	.00013	-.00277	.32072	.03636	-.00044	-.00239
SDev	.00003	.00060	.00173	.00003	.00034	.00016	.00011
%RSD	46.771	468.78	62.416	.01064	.94106	35.744	4.7663
#1	.00004	-.00029	-.00155	.32074	.03612	-.00055	-.00247
#2	.00007	.00055	-.00399	.32069	.03660	-.00033	-.00231

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.14494	.00182	-.00198	.00180	-.00277	-.00002	-.00017
SDev	.00050	.00106	.00037	.00041	.00066	.00013	.00003
%RSD	.34371	58.224	18.741	22.685	23.818	697.28	15.303
#1	.14529	.00107	-.00225	.00151	-.00324	-.00011	-.00015
#2	.14459	.00256	-.00172	.00209	-.00231	.00007	-.00018

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00592	-.00216	-.00896	.00446

SDev	.00610	.00694	.00126	.00001
%RSD	102.97	320.99	14.079	.16663
#1	.01024	-.00707	-.00806	.00446
#2	.00161	.00275	-.00985	.00447

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27239	--	--	--	--	--	--
SDev	113.1371	--	--	--	--	--	--
%RSD	.4153496	--	--	--	--	--	--
#1	27159	--	--	--	--	--	--
#2	27319	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/24/12 13:26:52

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.0799	1.1152	1.1477	16.732	19.333	7.1458	12.058
SDev	.0019	.0036	.0019	.039	.018	.0140	.018
%RSD	.17598	.31973	.16836	.23294	.09494	.19524	.14885
#1	1.0785	1.1127	1.1463	16.704	19.321	7.1360	12.046
#2	1.0812	1.1177	1.1490	16.759	19.346	7.1557	12.071

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.6328	2.1030	1.2345	1.5803	4.7352	24.459	1.1125
SDev	.0009	.0008	.0006	.0028	.0032	.086	.0003
%RSD	.03239	.04006	.04722	.17793	.06676	.35002	.03106
#1	2.6322	2.1035	1.2341	1.5783	4.7329	24.398	1.1123
#2	2.6334	2.1024	1.2349	1.5823	4.7374	24.519	1.1128

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.8884	1.8103	5.7086	3.3162	.93139	.85916	.15710
SDev	.0009	.0064	.0321	.0047	.00231	.00039	.00053
%RSD	.04601	.35347	.56298	.14175	.24749	.04559	.33800
#1	1.8878	1.8058	5.7313	3.3129	.93302	.85944	.15748
#2	1.8890	1.8149	5.6859	3.3195	.92976	.85888	.15673

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.207	51.545	.35900	2.5019	12.645	.57862	3.3129
SDev	.056	.088	.00251	.0016	.015	.00033	.0025
%RSD	.27922	.17113	.69816	.06482	.12093	.05698	.07669
#1	20.167	51.483	.35722	2.5008	12.634	.57838	3.3111
#2	20.247	51.607	.36077	2.5030	12.656	.57885	3.3147

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.5905	7.7236	1.1365	1.1054
SDev	.0349	.0082	.0148	.0040
%RSD	.97205	.10560	1.3055	.36177
#1	3.6151	7.7293	1.1470	1.1082
#2	3.5658	7.7178	1.1260	1.1025

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26722	--	--	--	--	--	--
SDev	81.31728	--	--	--	--	--	--
%RSD	.3043141	--	--	--	--	--	--
#1	26664	--	--	--	--	--	--
#2	26779	--	--	--	--	--	--

01/24/12 01:30:19 PM page 3

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	18.7572	-.255471	01/24/12 01:26:52
Sb2068	206.838	STD	S0	1.80186	-.002811	01/24/12 01:26:52
As1890	189.042	STD	S0	1.72510	.000823	01/24/12 01:26:52
Ba4934	493.409	STD	S0	.119536	-.000039	01/24/12 01:26:52
Be3130	313.042	STD	S0	.051633	.002403	01/24/12 01:26:52
B_2496	249.678	STD	S0	.280173	-.002067	01/24/12 01:26:52
Cd2265	226.502	STD	S0	.083101	-.000087	01/24/12 01:26:52
Ca3179	317.933	STD	S0	7.61228	-.041919	01/24/12 01:26:52
Cr2677	267.716	STD	S0	.951019	.000053	01/24/12 01:26:52
Co2286	228.616	STD	S0	1.61938	.000862	01/24/12 01:26:52
Cu3247	324.753	STD	S0	1.26686	-.003116	01/24/12 01:26:52
Fe2714	271.441	STD	S0	4.04924	-.001854	01/24/12 01:26:52
Li6707	670.784	STD	S0	.081929	-.003885	01/24/12 01:26:52
Pb2203	220.353		NONE	.000000	.000000	*01/24/12 01:26:52
Se1960	196.026		NONE	.000000	.000000	*01/24/12 01:26:52
Mg2790	279.078	STD	S0	18.3572	-.422897	01/24/12 01:26:52
Mn2576	257.610	STD	S0	1.05933	-.000058	01/24/12 01:26:52
Mo2020	202.030	STD	S0	1.10485	-.000141	01/24/12 01:26:52
Ni2316	231.604	STD	S0	.350179	.000969	01/24/12 01:26:52
K_7664	766.491	STD	S0	6.67676	-2.14135	01/24/12 01:26:52
Si2881	288.158	STD	S0	2.21400	-.080507	01/24/12 01:26:52
Ag3280	328.068	STD	S0	1.16365	.000513	01/24/12 01:26:52
Na3302	330.232	STD	S0	125.400	.299270	01/24/12 01:26:52
Na5889	588.995	STD	S0	.996902	-.144491	01/24/12 01:26:52
Sr4215	421.552	STD	S0	.019411	-.000035	01/24/12 01:26:52
Tl1908	190.864	STD	S0	5.55834	.011023	01/24/12 01:26:52
Sn1899	189.989	STD	S0	.799968	-.001438	01/24/12 01:26:52
Ti3349	334.941	STD	S0	.158133	.000439	01/24/12 01:26:52
V_2924	292.402	STD	S0	3.42329	.000064	01/24/12 01:26:52
Zn2138	213.856	STD	S0	.604406	.000100	01/24/12 01:26:52
2203/1	220.351	STD	S0	.561209	-.003324	01/24/12 01:26:52
2203/2	220.352	STD	S0	.257906	.000558	01/24/12 01:26:52
1960/1	196.021	STD	S0	1.74818	.015655	01/24/12 01:26:52
1960/2	196.022	STD	S0	1.81290	-.008086	01/24/12 01:26:52

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	.000000	-.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/24/12 01:30:19 PM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/24/12 01:30:19 PM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/24/12 01:34:44 PM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/24/12 13:30:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.980	2.0071	2.0091	2.0029	1.0002	2.0071	1.0039

SDev	.068	.0085	.0061	.0038	.0016	.0027	.0017
%RSD	.34190	.42127	.30426	.19021	.16362	.13223	.16559
#1	20.028	2.0130	2.0134	2.0056	1.0014	2.0090	1.0051
#2	19.931	2.0011	2.0048	2.0002	.99904	2.0052	1.0028
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.992	1.9947	1.9957	1.9922	19.992	2.0063	1.9931
SDev	.056	.0042	.0048	.0038	.046	.0078	.0020
%RSD	.28242	.21061	.24139	.19002	.23072	.38786	.09954
#1	20.032	1.9977	1.9991	1.9949	20.025	2.0118	1.9917
#2	19.952	1.9918	1.9923	1.9895	19.960	2.0008	1.9945
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9902	19.944	1.9944	2.0078	1.9866	20.021	1.9858
SDev	.0071	.037	.0041	.0030	.0023	.109	.0040
%RSD	.35617	.18456	.20491	.15099	.11517	.54456	.20122
#1	1.9852	19.970	1.9973	2.0099	1.9850	20.098	1.9886
#2	1.9953	19.918	1.9915	2.0057	1.9882	19.944	1.9830
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99604	19.963	20.043	.99984	2.0018	1.9901	1.9985
SDev	.00300	.088	.093	.00225	.0047	.0129	.0032
%RSD	.30101	.44306	.46441	.22545	.23297	.64623	.15927
#1	.99816	20.025	20.109	1.0014	2.0051	1.9992	2.0008
#2	.99392	19.900	19.977	.99825	1.9985	1.9810	1.9963
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.9933	2.0000	1.9814	1.9990	1.9813	1.9947	
SDev	.0040	.0022	.0040	.0050	.0070	.0142	
%RSD	.20098	.10997	.20205	.24900	.35559	.70965	
#1	1.9961	2.0015	1.9842	1.9955	1.9862	1.9847	
#2	1.9905	1.9984	1.9785	2.0025	1.9763	2.0048	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27190	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1638417	--	--	--	--	--	--

#1	27221	--	--	--	--	--	--
#2	27158	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 13:34:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5319	.50565	.50779	.50440	.51338	.50879	.51348
SDev	.0028	.00148	.00138	.00063	.00210	.00175	.00228
%RSD	.11126	.29192	.27173	.12513	.40836	.34453	.44475
#1	2.5299	.50669	.50681	.50395	.51486	.51003	.51510
#2	2.5339	.50461	.50876	.50484	.51189	.50755	.51187

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.780	.50629	.50876	.50784	2.5973	.47233	.50715
SDev	.051	.00150	.00244	.00056	.0248	.00095	.00210
%RSD	.39865	.29666	.47933	.10969	.95420	.20131	.41433
#1	12.816	.50735	.51048	.50823	2.6148	.47165	.50863
#2	12.744	.50523	.50704	.50745	2.5798	.47300	.50566

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51270	5.0870	.50054	.51918	.52816	12.110	.96371
SDev	.00014	.0265	.00166	.00541	.00114	.037	.00020
%RSD	.02775	.52036	.33138	1.0422	.21638	.30299	.02128
#1	.51280	5.1057	.50171	.52301	.52897	12.084	.96357
#2	.51260	5.0683	.49937	.51536	.52735	12.136	.96386

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25231	12.733	11.999	.25161	.51854	.52071	.51161
SDev	.00092	.029	.043	.00020	.00157	.00023	.00063
%RSD	.36512	.22449	.36237	.07879	.30326	.04432	.12347
#1	.25296	12.753	11.968	.25147	.51965	.52087	.51206
#2	.25165	12.713	12.030	.25175	.51743	.52055	.51117

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51105	.51795	.50144	.51000	.50537	.51642
SDev	.00086	.00140	.00205	.00213	.00215	.00086
%RSD	.16812	.26956	.40923	.41685	.42552	.16687
#1	.51166	.51894	.50289	.51151	.50690	.51582
#2	.51044	.51696	.49999	.50850	.50385	.51703

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/24/12 01:38:36 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27322	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.2821025	--	--	--	--	--	--
#1	27267	--	--	--	--	--	--
#2	27376	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/24/12 13:38:40

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00748	.00264	.00052	.00023	.00009	.00437	.00021
SDev	.00270	.00118	.00097	.00003	.00003	.00102	.00028
%RSD	36.171	44.753	186.90	15.397	31.891	23.285	131.74
#1	.00556	.00181	-.00017	.00020	.00007	.00509	.00001
#2	.00939	.00348	.00121	.00025	.00011	.00365	.00040

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00530	.00066	-.00019	.00012	.00108	.00032	.00120
SDev	.00179	.00003	.00066	.00018	.02774	.00000	.00006
%RSD	33.759	4.1567	339.88	144.92	2576.5	1.0534	5.0345
#1	.00403	.00064	-.00066	-.00000	-.01854	.00031	.00116
#2	.00656	.00068	.00027	.00025	.02069	.00032	.00125

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	-.00410	.00017	.00310	.00092	-.02096	-.00197
SDev	.00029	.00201	.00000	.00061	.00018	.01051	.00015
%RSD	41.127	48.952	.61942	19.583	19.590	50.161	7.6153
#1	.00090	-.00552	.00017	.00353	.00105	-.02839	-.00207
#2	.00050	-.00268	.00017	.00267	.00079	-.01352	-.00186

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.02768	.00319	.00012	.00568	-.00236	.00036
SDev	.00083	.21712	.00065	.00003	.00131	.00123	.00002
%RSD	2469.3	784.45	20.273	22.801	23.083	51.886	5.7193
#1	-.00062	-.18121	.00365	.00010	.00661	-.00323	.00038
#2	.00056	.12585	.00273	.00014	.00475	-.00150	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00024	.00419	-.00029	.00361	-.00076
SDev	.00009	.00004	.00199	.00090	.00138	.00112
%RSD	12.975	18.094	47.515	311.51	38.132	147.80
#1	.00059	.00021	.00278	.00035	.00264	.00003

#2	.00071	.00027	.00559	-.00093	.00458	-.00155

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27572	--	--	--	--	--	--
SDev	132.2290	--	--	--	--	--	--
%RSD	.4795857	--	--	--	--	--	--
#1	27665	--	--	--	--	--	--
#2	27478	--	--	--	--	--	--

Analysis Report Blank Sample 01/24/12 01:47:45 PM page 1

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/24/12 13:43:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10794	.01277	.01188	.01057	.00498	.01190	.00544
SDev	.00389	.00231	.00177	.00007	.00002	.00000	.00022
%RSD	3.6032	18.117	14.887	.68978	.33641	.03020	4.0352
#1	.10519	.01113	.01063	.01052	.00497	.01190	.00560
#2	.11069	.01440	.01313	.01062	.00500	.01191	.00529

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09156	.01078	.00998	.01048	.11200	.00906	.01073
SDev	.00037	.00038	.00043	.00031	.00258	.00001	.00089
%RSD	.40601	3.5730	4.3413	2.9985	2.3056	.14359	8.3041
#1	.09130	.01051	.00967	.01026	.11382	.00907	.01010
#2	.09182	.01105	.01029	.01070	.11017	.00905	.01136

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01312	.09016	.01035	.01084	.01139	.51940	.00823
SDev	.00163	.00019	.00001	.00001	.00053	.00609	.00139
%RSD	12.458	.21055	.13082	.13178	4.6793	1.1732	16.834
#1	.01427	.09002	.01034	.01083	.01177	.52371	.00725
#2	.01196	.09029	.01036	.01085	.01102	.51509	.00922

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00541	.68924	.54096	.00505	.01119	.00883	.01049
SDev	.00004	.06250	.00315	.00002	.00058	.00124	.00010
%RSD	.67676	9.0685	.58319	.46065	5.1746	13.986	.98729
#1	.00539	.64504	.54319	.00504	.01160	.00971	.01042
#2	.00544	.73344	.53873	.00507	.01079	.00796	.01057

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01069	.01057	.01231	.00995	.01345	.01295
SDev	.00010	.00013	.00165	.00051	.00382	.00054
%RSD	.96289	1.2068	13.439	5.1267	28.425	4.1652
#1	.01061	.01066	.01114	.00959	.01616	.01333
#2	.01076	.01048	.01348	.01031	.01075	.01257

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27175	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1301024	--	--	--	--	--	--

Analysis Report Blank Sample 01/24/12 01:47:45 PM page 2

#1	27200	--	--	--	--	--	--
#2	27150	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/24/12 13:47:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	494.44	.00254	.00142	.00168	-.00035	-.00250	.00495
SDev	.28	.00116	.00093	.00003	.00002	.00044	.00006
%RSD	.05627	45.557	65.196	1.7048	5.5528	17.549	1.2976
#1	494.25	.00172	.00208	.00166	-.00034	-.00281	.00500
#2	494.64	.00336	.00077	.00170	-.00036	-.00219	.00491

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.97	.00116	-.00015	.01243	190.60	.00451	.01034
SDev	2.35	.00054	.00087	.00007	.98	.00018	.00007
%RSD	.51760	46.288	600.13	.55351	.51424	3.9313	.68281
#1	455.63	.00078	.00047	.01248	191.29	.00463	.01029
#2	452.31	.00154	-.00076	.01238	189.91	.00438	.01039

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01088	502.49	-.00769	.00013	.00141	.07686	.00851
SDev	.00167	2.23	.00010	.00094	.00092	.02450	.00228
%RSD	15.330	.44383	1.2561	741.29	65.131	31.876	26.820
#1	-.01205	504.07	-.00776	.00079	.00205	.09418	.01012
#2	-.00970	500.92	-.00762	-.00054	.00076	.05953	.00690

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	.06305	.16078	-.00903	.00152	-.00037	-.00264
SDev	.00165	.30552	.00344	.00007	.00405	.00559	.00001
%RSD	321.37	484.57	2.1371	.72405	267.37	1513.1	.31908
#1	.00065	.27908	.16321	-.00908	.00438	.00358	-.00264
#2	-.00168	-.15298	.15835	-.00899	-.00135	-.00432	-.00265

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00446	.00123	-.06295	.04698	.00765	-.02014
SDev	.00017	.00011	.00696	.00359	.00196	.00348
%RSD	3.8481	9.2717	11.063	7.6364	25.642	17.289
#1	.00434	.00115	-.05802	.04445	.00904	-.02260
#2	.00459	.00131	-.06787	.04952	.00627	-.01768

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	24900	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.3095305	--	--	--	--	--	--
#1	24846	--	--	--	--	--	--
#2	24955	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/24/12 13:51:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	500.38	1.0300	1.0169	1.0214	.47824	1.0355	.48004
SDev	.87	.0001	.0068	.0016	.00170	.0021	.00153
%RSD	.17456	.01436	.67006	.15619	.35462	.19855	.31944
#1	500.99	1.0299	1.0217	1.0226	.47944	1.0369	.48112
#2	499.76	1.0301	1.0121	1.0203	.47704	1.0340	.47895

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	458.15	.94661	.91508	1.0476	198.71	1.2136	.97241
SDev	1.55	.00334	.00308	.0011	.61	.0006	.00656
%RSD	.33930	.35238	.33698	.10556	.30612	.04695	.67483
#1	459.25	.94896	.91726	1.0484	199.14	1.2140	.97705
#2	457.05	.94425	.91290	1.0469	198.28	1.2132	.96777

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99398	508.12	.94222	.98510	.96742	14.210	.95571
SDev	.01330	1.66	.00281	.00127	.00956	.021	.00340
%RSD	1.3377	.32672	.29838	.12885	.98780	.14512	.35576
#1	1.0034	509.29	.94421	.98420	.97417	14.225	.95811
#2	.98458	506.95	.94024	.98600	.96066	14.195	.95330

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52639	12.050	13.434	.49585	.97331	.98397	.97989
SDev	.00080	.183	.010	.00080	.00909	.00513	.00231
%RSD	.15102	1.5196	.07740	.16059	.93403	.52158	.23621
#1	.52695	11.920	13.442	.49641	.96688	.98760	.98153
#2	.52583	12.179	13.427	.49528	.97974	.98035	.97826

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97083	1.0049	.87349	1.0219	.98773	.99711
SDev	.00338	.0025	.00552	.0126	.00174	.01908
%RSD	.34770	.25092	.63166	1.2332	.17583	1.9132
#1	.97321	1.0067	.86959	1.0308	.98895	1.0106

#2	.96844	1.0031	.87739	1.0130	.98650	.98362
IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24881	--	--	--	--	--	--
SDev	87.68124	--	--	--	--	--	--
%RSD	.3524024	--	--	--	--	--	--
#1	24819	--	--	--	--	--	--
#2	24943	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 13:55:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5598	.50594	.50640	.50341	.50488	.50657	.51579
SDev	.0550	.00240	.00135	.00016	.00121	.00097	.00054
%RSD	2.1485	.47451	.26701	.03184	.24033	.19042	.10436
#1	2.5209	.50424	.50545	.50329	.50574	.50725	.51617
#2	2.5987	.50764	.50736	.50352	.50402	.50589	.51541

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.730	.49980	.50264	.49898	2.5910	.47033	.50554
SDev	.050	.00095	.00145	.00119	.0113	.00018	.00132
%RSD	.39507	.18964	.28882	.23898	.43736	.03926	.26053
#1	12.694	.50047	.50367	.49982	2.5830	.47020	.50647
#2	12.765	.49913	.50161	.49814	2.5990	.47046	.50461

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50729	5.0972	.49599	.51349	.52863	12.051	.95304
SDev	.00082	.0497	.00098	.00083	.00310	.017	.00199
%RSD	.16255	.97440	.19754	.16089	.58545	.14223	.20891
#1	.50671	5.0621	.49668	.51291	.53082	12.039	.95444
#2	.50788	5.1323	.49529	.51407	.52644	12.063	.95163

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24978	12.603	11.944	.25176	.51603	.51308	.50741
SDev	.00116	.017	.001	.00018	.00384	.00470	.00058
%RSD	.46474	.13131	.01221	.07225	.74358	.91506	.11490
#1	.25060	12.614	11.943	.25163	.51875	.51640	.50782
#2	.24896	12.591	11.945	.25189	.51332	.50976	.50700

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50449	.51659	.49726	.50967	.50009	.51095

SDev	.00084	.00088	.00069	.00163	.00108	.00069
%RSD	.16689	.16960	.13793	.32035	.21676	.13598
#1	.50509	.51721	.49775	.51083	.49932	.51046
#2	.50390	.51597	.49678	.50852	.50086	.51144

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27540	--	--	--	--	--	--
SDev	22.62742	--	--	--	--	--	--
%RSD	.0821620	--	--	--	--	--	--
#1	27524	--	--	--	--	--	--
#2	27556	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 13:59:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02791	.00105	-.00002	.00020	.00002	.00141	.00010
SDev	.02054	.00167	.00084	.00011	.00002	.00050	.00006
%RSD	73.584	159.97	4590.1	51.753	127.26	35.253	55.686
#1	.01339	-.00014	-.00061	.00013	.00000	.00106	.00006
#2	.04244	.00223	.00058	.00028	.00003	.00176	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02113	-.00008	-.00022	-.00048	-.00804	-.00018	.00122
SDev	.01843	.00058	.00012	.00018	.01321	.00010	.00038
%RSD	87.200	697.66	53.454	36.717	164.27	55.367	30.918
#1	.00810	-.00050	-.00031	-.00060	-.01738	-.00025	.00149
#2	.03416	.00033	-.00014	-.00035	.00130	-.00011	.00096

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00255	.00772	.00011	.00248	.00035	-.06154	-.00680
SDev	.00206	.02034	.00008	.00069	.00033	.02646	.00330
%RSD	80.528	263.60	71.493	28.044	93.882	42.988	48.527
#1	.00110	-.00667	.00006	.00297	.00058	-.08025	-.00913
#2	.00401	.02210	.00017	.00199	.00012	-.04283	-.00446

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	-.03905	.00587	.00012	.00004	.00039	.00022
SDev	.00026	.04018	.00364	.00006	.00276	.00048	.00024
%RSD	85.734	102.89	61.981	48.892	6193.9	125.16	112.19
#1	-.00050	-.06746	.00330	.00008	.00199	.00073	.00004
#2	-.00012	-.01064	.00844	.00017	-.00190	.00004	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00002	.00052	.00158	.00164	.00301
SDev	.00052	.00008	.00054	.00084	.00383	.00117
%RSD	585.34	385.89	104.31	53.073	233.95	38.834

#1	-.00028	-.00007	.00014	.00217	-.00107	.00219	
#2	.00046	.00003	.00090	.00098	.00435	.00384	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27606	--	--	--	--	--	--
SDev	128.6934	--	--	--	--	--	--
%RSD	.4661792	--	--	--	--	--	--
#1	27697	--	--	--	--	--	--
#2	27515	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70728/1-a Operator: SRP
Run Time: 01/24/12 14:03:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02966	.00135	-.00050	.00047	-.00011	.00156	.00025
SDev	.01700	.00328	.00036	.00012	.00008	.00024	.00012
%RSD	57.324	242.44	72.749	24.919	77.059	15.430	47.947
#1	.01764	-.00097	-.00075	.00039	-.00017	.00174	.00017
#2	.04168	.00367	-.00024	.00056	-.00005	.00139	.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03575	.00012	.00003	.00106	.02197	-.00022	.00101
SDev	.01846	.00005	.00025	.00014	.01194	.00006	.00040
%RSD	51.657	40.402	739.03	13.503	54.336	25.786	39.262
#1	.02269	.00016	-.00015	.00096	.01353	-.00026	.00073
#2	.04880	.00009	.00021	.00117	.03042	-.00018	.00129

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.00741	.00035	.00048	.00016	-.03546	.01171
SDev	.00382	.01496	.00008	.00042	.00040	.01222	.00075
%RSD	455.81	201.94	22.971	87.882	244.47	34.458	6.4332
#1	-.00186	-.00317	.00029	.00018	-.00012	-.02682	.01118
#2	.00354	.01799	.00040	.00078	.00045	-.04410	.01225

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.04324	.00812	.00006	.00028	.00080	.00022
SDev	.00015	.00123	.00081	.00006	.00062	.00114	.00002

%RSD	77.905	2.8544	9.9279	88.885	222.15	142.19	6.9486
#1	.00009	.04237	.00755	.00002	-.00016	-.00000	.00023
#2	.00030	.04411	.00869	.00010	.00072	.00161	.00021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00738	.00247	.00028	.00025	.00113
SDev	.00036	.00001	.00012	.00066	.00715	.00215

%RSD	185.33	.13766	5.0326	232.97	2913.9	189.99	
#1	-.00006	.00737	.00256	-.00018	-.00481	-.00039	
#2	.00044	.00739	.00238	.00075	.00530	.00266	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27428	--	--	--	--	--	--
SDev	132.2290	--	--	--	--	--	--
%RSD	.4820860	--	--	--	--	--	--
#1	27335	--	--	--	--	--	--
#2	27522	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70728/2-a Operator: SRP
Run Time: 01/24/12 14:07:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.203	1.0341	1.0371	1.0468	.51172	1.0388	.52550
SDev	.048	.0026	.0032	.0053	.00282	.0081	.00340
%RSD	.46574	.24912	.30410	.51087	.55063	.77883	.64779
#1	10.170	1.0323	1.0348	1.0430	.50972	1.0331	.52310
#2	10.237	1.0360	1.0393	1.0506	.51371	1.0446	.52791

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.384	1.0192	1.0262	1.0269	10.503	.48005	1.0309
SDev	.070	.0061	.0050	.0057	.066	.00103	.0087
%RSD	.67424	.59806	.49165	.55317	.62993	.21518	.84016
#1	10.335	1.0149	1.0227	1.0229	10.456	.47932	1.0248
#2	10.434	1.0236	1.0298	1.0309	10.550	.48078	1.0370

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0334	10.240	1.0160	1.0459	1.0616	10.074	.96739
SDev	.0142	.055	.0057	.0103	.0010	.012	.00363
%RSD	1.3708	.53908	.55766	.98626	.09268	.12138	.37493
#1	1.0234	10.201	1.0120	1.0386	1.0609	10.066	.96482
#2	1.0434	10.279	1.0200	1.0532	1.0623	10.083	.96995

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51704	10.036	9.9268	.52261	1.0581	1.0341	1.0342
SDev	.00258	.056	.0103	.00159	.0080	.0053	.0057
%RSD	.49915	.55339	.10347	.30395	.75607	.50961	.54985
#1	.51522	10.075	9.9195	.52149	1.0524	1.0303	1.0302
#2	.51887	9.9965	9.9341	.52374	1.0638	1.0378	1.0382

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0315	1.0540	1.0088	1.0419	1.0192	1.0405
SDev	.0054	.0057	.0089	.0086	.0045	.0190
%RSD	.52116	.54044	.87865	.82152	.43974	1.8268
#1	1.0277	1.0499	1.0025	1.0359	1.0161	1.0270
#2	1.0353	1.0580	1.0151	1.0480	1.0224	1.0539

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27156	--	--	--	--	--	--
SDev	218.4960	--	--	--	--	--	--
%RSD	.8046105	--	--	--	--	--	--
#1	27310	--	--	--	--	--	--
#2	27001	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-a-1-a@20 Operator: SRP
Run Time: 01/24/12 14:10:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03220	.00148	-.00004	.00231	-.00039	.23089	-.00005
SDev	.00020	.00094	.00122	.00005	.00002	.00065	.00014
%RSD	.61164	63.850	2754.2	2.3392	4.1206	.28176	281.21
#1	.03234	.00214	-.00091	.00235	-.00040	.23135	-.00015
#2	.03206	.00081	.00082	.00227	-.00038	.23043	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.759	-.00006	-.00049	.00040	.12630	.01144	-.00025
SDev	.064	.00031	.00013	.00011	.00139	.00002	.00075
%RSD	.32288	541.90	27.517	26.681	1.1018	.15056	295.02
#1	19.804	.00016	-.00058	.00047	.12532	.01145	.00027
#2	19.714	-.00028	-.00039	.00032	.12728	.01143	-.00078

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00203	61.532	-.00053	.00414	.00060	28.940	.05394
SDev	.00171	.133	.00000	.00236	.00026	.094	.00179
%RSD	83.940	.21599	.38640	57.088	43.464	.32389	3.3232

#1	.00324	61.626	-.00053	.00581	.00041	28.873	.05521
#2	.00083	61.438	-.00053	.00247	.00078	29.006	.05268

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00064	741.49	395.82	.42914	.00532	-.00103	.00006
SDev	.00022	.68	1.60	.00085	.00350	.00254	.00015
%RSD	35.189	.09135	.40519	.19689	65.753	245.62	271.13
#1	-.00079	741.02	396.96	.42854	.00779	.00076	.00016
#2	-.00048	741.97	394.69	.42974	.00285	-.00283	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.00248	-.00031	-.00022	.00184	.00213
SDev	.00021	.00003	.00126	.00175	.00114	.00199
%RSD	129.86	1.2662	407.79	777.78	61.766	93.542
#1	-.00001	.00246	-.00120	.00101	.00265	.00354
#2	-.00031	.00250	.00058	-.00146	.00104	.00072

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25820	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0684637	--	--	--	--	--	--
#1	25808	--	--	--	--	--	--
#2	25833	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-2-a@20 Operator: SRP
Run Time: 01/24/12 14:14:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01419	.00032	.00066	.00019	-.00022	.11128	-.00002
SDev	.00256	.00007	.00004	.00002	.00003	.00204	.00001
%RSD	18.037	23.364	6.6265	9.0846	11.751	1.8331	49.838
#1	.01600	.00037	.00069	.00021	-.00024	.11272	-.00001
#2	.01238	.00027	.00063	.00018	-.00021	.10984	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1556	-.00040	.00003	-.00068	.00307	.00189	.00095
SDev	.0131	.00004	.00017	.00012	.00806	.00006	.00125
%RSD	1.1370	11.246	557.57	17.855	262.84	3.4578	131.10
#1	1.1649	-.00037	-.00009	-.00060	.00876	.00194	.00184
#2	1.1463	-.00043	.00016	-.00077	-.00263	.00185	.00007

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	2.7635	.00010	.00031	-.00015	4.2659	.00870
SDev	.00299	.0350	.00003	.00058	.00018	.0838	.00068
%RSD	9088.8	1.2664	25.478	187.74	119.23	1.9642	7.7634
#1	.00208	2.7883	.00008	.00071	-.00002	4.3252	.00918
#2	-.00215	2.7388	.00012	-.00010	-.00028	4.2067	.00822

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	119.43	97.147	.02189	.00360	-.00264	-.00003
SDev	.00047	1.78	1.338	.00031	.00079	.00084	.00002
%RSD	227.85	1.4928	1.3775	1.4092	21.929	31.758	50.763
#1	.00013	120.69	98.093	.02211	.00304	-.00324	-.00004

#2	-.00054	118.17	96.200	.02168	.00416	-.00205	-.00002

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.00200	.00040	.00123	.00105	-.00058
SDev	.00009	.00005	.00103	.00136	.00244	.00326
%RSD	2074.4	2.2761	259.18	110.28	231.29	565.81
#1	.00007	.00197	.00113	.00219	.00278	.00173
#2	-.00006	.00203	-.00033	.00027	-.00067	-.00288

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27338	--	--	--	--	--	--
SDev	259.5082	--	--	--	--	--	--
%RSD	.9492755	--	--	--	--	--	--
#1	27154	--	--	--	--	--	--
#2	27521	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-3-a@20 Operator: SRP
Run Time: 01/24/12 14:18:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03219	.00104	.00035	.00251	-.00038	.24437	.00009
SDev	.00091	.00011	.00228	.00002	.00002	.00090	.00010
%RSD	2.8301	10.231	643.67	.92451	4.0097	.36867	113.93
#1	.03283	.00111	-.00126	.00253	-.00039	.24501	.00016
#2	.03154	.00096	.00197	.00250	-.00037	.24373	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.650	.00020	.00014	.00054	.15523	.01242	-.00073
SDev	.009	.00026	.00031	.00013	.00238	.00004	.00074
%RSD	.04105	130.33	227.43	25.053	1.5323	.30738	101.45

Analysis Report 01/24/12 02:22:28 PM page 11

#1	21.657	.00002	-.00008	.00044	.15355	.01244	-.00125
#2	21.644	.00039	.00036	.00063	.15691	.01239	-.00021

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	67.069	-.00063	.00091	.00095	31.242	.05798
SDev	.00177	.112	.00000	.00003	.00038	.092	.00054
%RSD	259.27	.16765	.18566	3.1727	39.574	.29548	.93550
#1	-.00057	67.148	-.00063	.00089	.00068	31.307	.05759
#2	.00194	66.989	-.00063	.00093	.00121	31.177	.05836

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	803.27	422.97	.46224	.00173	.00035	.00001
SDev	.00006	3.21	1.09	.00109	.00090	.00042	.00010

%RSD	86.329	.39959	.25665	.23672	52.312	118.85	673.08
#1	-.00012	805.54	423.74	.46301	.00237	.00006	-.00005
#2	-.00003	801.00	422.20	.46147	.00109	.00064	.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.00243	.00105	-.00162	-.00004	.00105
SDev	.00009	.00003	.00052	.00085	.00175	.00178
%RSD	35.892	1.2186	49.254	52.359	4057.4	170.26
#1	-.00019	.00241	.00069	-.00221	-.00128	-.00021
#2	-.00033	.00246	.00142	-.00102	.00120	.00231

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25724	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1374411	--	--	--	--	--	--
#1	25699	--	--	--	--	--	--
#2	25749	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-4-a@20 Operator: SRP
Run Time: 01/24/12 14:22:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03538	.00173	.00147	.00367	-.00046	.28103	.00006
SDev	.00458	.00011	.00131	.00007	.00003	.00007	.00006
%RSD	12.953	6.3065	88.907	1.9557	5.5510	.02544	98.633
#1	.03213	.00180	.00055	.00362	-.00048	.28108	.00002
#2	.03862	.00165	.00239	.00372	-.00044	.28098	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.067	-.00000	-.00003	.00211	.18489	.01670	-.00006
SDev	.043	.00093	.00063	.00053	.02894	.00008	.00030
%RSD	.13409	25231.	1982.2	25.059	15.651	.47532	522.40
#1	32.037	-.00066	-.00048	.00174	.16443	.01675	-.00027
#2	32.098	.00065	.00042	.00248	.20535	.01664	.00016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	102.09	-.00085	.00114	.00156	44.056	.07055
SDev	.00123	.04	.00009	.00015	.00057	.296	.00087
%RSD	265.41	.03946	10.451	13.505	36.201	.67091	1.2342
#1	-.00134	102.12	-.00091	.00125	.00116	44.265	.06994
#2	.00041	102.06	-.00079	.00103	.00196	43.847	.07117

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	1111.1	505.15	.70207	.00281	-.00067	-.00012
SDev	.00023	6.4	.46	.00268	.00263	.00074	.00012
%RSD	149.63	.57983	.09096	.38202	93.863	110.36	100.00
#1	-.00031	1115.7	505.48	.70397	.00094	-.00119	-.00020
#2	.00001	1106.6	504.83	.70018	.00467	-.00015	-.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	.00500	.00004	-.00011	.00353	-.00246
SDev	.00057	.00005	.00045	.00023	.00409	.00020
%RSD	95.206	.89670	1212.5	218.89	115.98	7.9770
#1	-.00100	.00497	-.00028	-.00027	.00064	-.00232
#2	-.00020	.00503	.00035	.00006	.00643	-.00260

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25378	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0417953	--	--	--	--	--	--
#1	25370	--	--	--	--	--	--
#2	25385	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-5-a@20 Operator: SRP
Run Time: 01/24/12 14:26:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02886	.00389	.00017	.00085	-.00033	.16670	-.00011
SDev	.00119	.00057	.00009	.00007	.00002	.00089	.00011

%RSD	4.1214	14.725	52.470	8.1433	5.0209	.53528	93.674
#1	.02970	.00429	.00011	.00090	-.00032	.16733	-.00004
#2	.02802	.00348	.00023	.00080	-.00035	.16606	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6245	.00034	-.00034	.00025	.02310	.00484	.00043
SDev	.0412	.00015	.00074	.00027	.04565	.00008	.00004
%RSD	1.1369	44.758	219.59	108.26	197.62	1.6590	9.5894
#1	3.6537	.00045	.00019	.00044	.05538	.00490	.00046
#2	3.5954	.00023	-.00086	.00006	-.00918	.00478	.00040

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	8.1824	.00019	-.00010	.00013	10.580	.02912
SDev	.00119	.0735	.00006	.00101	.00119	.000	.00249
%RSD	78.816	.89876	29.225	1015.5	900.22	.00164	8.5550
#1	.00067	8.2344	.00023	.00061	.00097	10.581	.03089

#2	.00236	8.1304	.00015	-.00081	-.00071	10.580	.02736

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	289.38	203.81	.06376	.00006	-.00033	.00004
SDev	.00134	1.28	.49	.00015	.00240	.00054	.00013
%RSD	1049.4	.44318	.24251	.23371	4321.0	161.84	334.60
#1	.00082	290.29	204.16	.06365	.00175	.00005	.00013
#2	-.00108	288.48	203.46	.06386	-.00164	-.00071	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00245	-.00350	.00240	-.00172	.00313
SDev	.00047	.00002	.00197	.00092	.00261	.00049
%RSD	182.09	.98632	56.212	38.399	151.35	15.531
#1	.00059	.00247	-.00211	.00175	-.00357	.00279
#2	-.00007	.00243	-.00489	.00305	.00012	.00348

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26355	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.1126863	--	--	--	--	--	--
#1	26376	--	--	--	--	--	--
#2	26334	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-a-1-a@100 Operator: SRP
Run Time: 01/24/12 14:30:13
Comment: TRACE 61E

Analysis Report 01/24/12 02:34:01 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02570	.00340	.00132	.00054	-.00031	.04626	.00010
SDev	.00719	.00210	.00169	.00013	.00001	.00158	.00018
%RSD	27.961	61.910	128.40	24.360	3.6255	3.4170	175.34
#1	.03078	.00488	.00251	.00064	-.00031	.04738	.00023
#2	.02061	.00191	.00012	.00045	-.00030	.04515	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0483	.00046	.00002	.00005	.04691	.00179	.00064
SDev	.0487	.00078	.00042	.00051	.03703	.00010	.00014
%RSD	1.2033	168.12	1995.1	1096.1	78.930	5.5711	21.794
#1	4.0828	.00102	.00032	.00040	.07309	.00186	.00073
#2	4.0139	-.00009	-.00027	-.00031	.02073	.00172	.00054

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	12.515	-.00010	-.00028	.00009	4.4080	.00679
SDev	.00195	.140	.00011	.00119	.00039	.0566	.00311

%RSD	381.76	1.1213	112.81	428.62	417.09	1.2852	45.755
#1	-.00087	12.614	-.00002	.00056	.00037	4.4480	.00899
#2	.00189	12.416	-.00018	-.00112	-.00018	4.3679	.00460

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	120.92	98.893	.08728	.00153	.00128	.00009
SDev	.00039	.94	.504	.00040	.00281	.00016	.00021
%RSD	1522.7	.78079	.50923	.45508	183.82	12.315	231.68
#1	.00025	121.59	99.250	.08756	.00352	.00117	.00024
#2	-.00030	120.25	98.537	.08700	-.00046	.00139	-.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00173	.00049	.00071	.00002	.00076
SDev	.00082	.00005	.00361	.00201	.00551	.00017
%RSD	320.88	2.6707	737.82	283.56	27706.	22.988
#1	.00084	.00176	-.00206	.00213	-.00388	.00063
#2	-.00033	.00169	.00304	-.00071	.00392	.00088

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26889	--	--	--	--	--	--
SDev	309.7128	--	--	--	--	--	--
%RSD	1.151820	--	--	--	--	--	--
#1	26670	--	--	--	--	--	--
#2	27108	--	--	--	--	--	--

Analysis Report 01/24/12 02:34:01 PM page 15

Method: 20076010 Sample Name: 600-48592-b-2-a@100 Operator: SRP
Run Time: 01/24/12 14:34:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01986	.00316	.00067	.00011	-.00026	.02248	-.00000
SDev	.00522	.00436	.00050	.00014	.00001	.00117	.00004
%RSD	26.292	137.88	74.673	125.10	3.1108	5.1940	796.00
#1	.02355	.00625	.00102	.00021	-.00026	.02331	.00002
#2	.01617	.00008	.00031	.00001	-.00025	.02166	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22896	.00012	-.00017	-.00037	.00006	.00000	-.00016
SDev	.00038	.00103	.00004	.00102	.00335	.00002	.00025
%RSD	.16758	838.23	23.597	274.51	5566.2	3094.1	155.34
#1	.22923	.00085	-.00014	.00035	-.00231	.00002	-.00033
#2	.22869	-.00060	-.00020	-.00109	.00243	-.00002	.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	.54726	.00001	-.00008	-.00011	.64361	-.00357
SDev	.00243	.00232	.00006	.00048	.00039	.00807	.00308
%RSD	363.97	.42389	640.52	605.60	358.28	1.2542	86.293
#1	.00239	.54891	.00005	.00026	-.00038	.64932	-.00139
#2	-.00105	.54562	-.00003	-.00042	.00017	.63790	-.00575

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	21.748	19.758	.00457	.00060	-.00019	.00003
SDev	.00000	.079	.011	.00008	.00270	.00140	.00028
%RSD	.47618	.36521	.05420	1.6734	451.03	750.32	954.95
#1	-.00025	21.692	19.766	.00463	.00251	-.00118	.00023
#2	-.00025	21.804	19.751	.00452	-.00131	.00080	-.00017

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00166	-.00214	.00083	-.00058	.00129
SDev	.00080	.00019	.00528	.00227	.00020	.00375
%RSD	318.61	11.395	246.31	272.39	34.939	289.94
#1	.00082	.00180	-.00587	.00244	-.00073	.00394
#2	-.00031	.00153	.00159	-.00077	-.00044	-.00136

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27456	--	--	--	--	--	--

SDev	38.89087	--	--	--	--	--	--
%RSD	.1416506	--	--	--	--	--	--
#1	27428	--	--	--	--	--	--
#2	27483	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-3-a@100 Operator: SRP
Run Time: 01/24/12 14:37:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02208	.00127	-.00004	.00052	-.00030	.04735	.00002
SDev	.00228	.00171	.00186	.00001	.00003	.00021	.00030
%RSD	10.329	134.46	4215.4	.95458	8.7362	.44479	1441.9
#1	.02046	.00249	-.00136	.00051	-.00028	.04720	.00023
#2	.02369	.00006	.00127	.00052	-.00031	.04750	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.2872	.00016	-.00001	-.00041	.04050	.00190	.00001
SDev	.0360	.00015	.00089	.00011	.04114	.00005	.00040
%RSD	.83969	94.517	8672.9	26.810	101.58	2.4397	2928.8
#1	4.3127	.00027	.00062	-.00033	.06959	.00194	-.00027

#2	4.2617	.00005	-.00064	-.00048	.01141	.00187	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	13.243	-.00009	-.00041	-.00005	4.6748	.00506
SDev	.00011	.090	.00003	.00061	.00055	.0293	.00132
%RSD	24.190	.67866	31.106	149.76	1209.7	.62681	26.016
#1	-.00037	13.307	-.00011	.00002	.00034	4.6956	.00599
#2	-.00052	13.179	-.00007	-.00084	-.00043	4.6541	.00413

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	127.18	103.80	.09264	-.00200	-.00052	-.00001
SDev	.00116	.41	.33	.00009	.00062	.00008	.00006
%RSD	24570.	.32168	.31880	.09795	31.013	15.851	1162.0
#1	.00082	127.46	104.04	.09271	-.00243	-.00057	.00004
#2	-.00083	126.89	103.57	.09258	-.00156	-.00046	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00169	-.00046	.00025	-.00163	.00015
SDev	.00028	.00002	.00201	.00161	.00050	.00041
%RSD	222.87	.87324	440.20	645.88	30.720	278.69
#1	.00032	.00170	.00097	-.00089	-.00199	.00044
#2	-.00007	.00168	-.00188	.00139	-.00128	-.00014

Analysis Report 01/24/12 02:41:42 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26898	--	--	--	--	--	--
SDev	65.76093	--	--	--	--	--	--
%RSD	.2444871	--	--	--	--	--	--
#1	26851	--	--	--	--	--	--
#2	26944	--	--	--	--	--	--

Analysis Report Blank Sample 01/24/12 02:46:28 PM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 14:42:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4238	.48927	.48798	.49446	.46881	.48583	.49375
SDev	.1357	.03032	.03039	.02633	.02548	.02574	.02642
%RSD	5.6002	6.1973	6.2273	5.3248	5.4356	5.2970	5.3506
#1	2.3278	.46783	.46649	.47585	.45079	.46763	.47507
#2	2.5198	.51071	.50947	.51308	.48683	.50403	.51243

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	11.979	.46894	.47039	.47448	2.4733	.46018	.47907
SDev	.638	.02530	.02507	.02508	.1385	.02226	.02668
%RSD	5.3287	5.3954	5.3291	5.2853	5.6011	4.8371	5.5684
#1	11.527	.45105	.45266	.45675	2.3754	.44444	.46021
#2	12.430	.48684	.48811	.49222	2.5713	.47592	.49794

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48236	4.7117	.46915	.48609	.49348	11.781	.90046
SDev	.02304	.2656	.02564	.03004	.02873	.585	.05061
%RSD	4.7773	5.6376	5.4644	6.1808	5.8222	4.9635	5.6208
#1	.46606	4.5239	.45102	.46484	.47317	11.367	.86467
#2	.49865	4.8995	.48727	.50733	.51380	12.194	.93625

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23862	12.235	11.696	.24674	.49483	.48441	.48590
SDev	.01253	.415	.516	.01325	.03266	.02737	.02663
%RSD	5.2508	3.3924	4.4084	5.3711	6.5992	5.6503	5.4805
#1	.22976	11.941	11.332	.23737	.47174	.46506	.46707
#2	.24748	12.528	12.061	.25611	.51792	.50377	.50473

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47834	.49484	.46636	.48543	.48003	.48358
SDev	.02589	.02682	.01991	.03006	.01528	.02693
%RSD	5.4130	5.4207	4.2684	6.1929	3.1830	5.5687
#1	.46004	.47588	.45228	.46418	.46922	.46453
#2	.49665	.51381	.48043	.50669	.49083	.50262

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28054	--	--	--	--	--	--
SDev	1317.340	--	--	--	--	--	--
%RSD	4.695646	--	--	--	--	--	--

#1	28986	--	--	--	--	--	--
#2	27123	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 14:46:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04649	.00388	.00115	.00031	-.00013	.00196	.00034
SDev	.00342	.00145	.00134	.00010	.00003	.00035	.00021
%RSD	7.3471	37.224	116.37	31.553	19.907	17.875	63.224
#1	.04407	.00286	.00020	.00024	-.00011	.00220	.00019
#2	.04890	.00491	.00209	.00038	-.00015	.00171	.00049

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02047	.00059	.00072	-.00037	.03626	-.00019	.00061
SDev	.00168	.00022	.00062	.00032	.03001	.00007	.00038
%RSD	8.2197	38.067	87.119	86.388	82.760	34.881	63.593
#1	.01928	.00043	.00028	-.00059	.01504	-.00024	.00088
#2	.02166	.00075	.00116	-.00014	.05748	-.00014	.00033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00105	.00501	.00021	.00221	.00168	-.07701	-.00570
SDev	.00080	.00536	.00006	.00086	.00035	.02362	.00340
%RSD	76.147	107.10	26.733	39.051	20.682	30.678	59.698
#1	-.00162	.00122	.00017	.00282	.00144	-.09371	-.00811
#2	-.00048	.00880	.00025	.00160	.00193	-.06030	-.00329

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	.16093	.00746	.00017	.00535	.00034	.00028
SDev	.00057	.23462	.00200	.00005	.00024	.00096	.00022
%RSD	68.647	145.80	26.840	25.702	4.4490	280.71	78.592
#1	.00043	-.00498	.00605	.00014	.00519	-.00034	.00012
#2	.00124	.32683	.00888	.00021	.00552	.00102	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00018	.00345	-.00082	.00197	-.00256
SDev	.00044	.00003	.00142	.00013	.00052	.00094
%RSD	83.364	18.568	41.254	16.433	26.381	36.725
#1	.00021	.00021	.00446	-.00091	.00160	-.00322
#2	.00083	.00016	.00244	-.00072	.00234	-.00189

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/24/12 02:50:20 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27458	--	--	--	--	--	--
SDev	222.7386	--	--	--	--	--	--
%RSD	.8112124	--	--	--	--	--	--
#1	27615	--	--	--	--	--	--
#2	27300	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-4-a@100 Operator: SRP
Run Time: 01/24/12 14:50:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03344	.00189	-.00089	.00091	-.00031	.05571	.00013
SDev	.00059	.00081	.00078	.00007	.00008	.00034	.00022
%RSD	1.7674	42.945	87.776	7.3939	25.143	.60827	169.28

#1	.03303	.00132	-.00145	.00086	-.00036	.05547	-.00003
#2	.03386	.00247	-.00034	.00095	-.00025	.05595	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.5844	.00043	.00040	.00025	.07520	.00280	.00113
SDev	.0015	.00043	.00013	.00030	.00237	.00010	.00091
%RSD	.02290	100.40	31.884	122.93	3.1534	3.4971	80.452

#1	6.5833	.00012	.00031	.00003	.07687	.00273	.00178
#2	6.5855	.00073	.00050	.00046	.07352	.00287	.00049

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	20.673	-.00007	.00032	.00040	6.7703	.00869
SDev	.00119	.022	.00003	.00012	.00017	.0284	.00009
%RSD	60.019	.10441	39.581	37.178	41.649	.41963	.98251

#1	.00114	20.688	-.00009	.00023	.00052	6.7904	.00875
#2	.00283	20.657	-.00005	.00040	.00028	6.7502	.00863

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	178.83	139.30	.14410	.00308	-.00051	.00010
SDev	.00028	1.36	.67	.00044	.00266	.00004	.00016
%RSD	62.284	.76263	.48376	.30843	86.605	8.3575	159.94

#1	.00064	179.80	139.78	.14441	.00496	-.00048	-.00001
#2	.00025	177.87	138.83	.14378	.00119	-.00054	.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00225	.00265	.00038	.00313	.00141
SDev	.00018	.00021	.00248	.00013	.00145	.00251
%RSD	93.701	9.3367	93.527	34.516	46.204	177.60

#1	.00007	.00210	.00440	.00047	.00415	-.00036

#2	.00033	.00240	.00090	.00028	.00211	.00319

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26586	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0319164	--	--	--	--	--	--

#1	26592	--	--	--	--	--	--
#2	26580	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-5-a@100 Operator: SRP
Run Time: 01/24/12 14:54:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03131	.00273	.00056	.00017	-.00034	.03457	.00013

SDev	.00039	.00001	.00065	.00003	.00001	.00017	.00012
%RSD	1.2447	.51825	115.91	16.446	1.9928	.48258	89.020
#1	.03103	.00272	.00102	.00019	-.00035	.03445	.00021
#2	.03159	.00274	.00010	.00015	-.00034	.03469	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77495	.00014	.00009	-.00047	.00604	.00075	.00061
SDev	.00295	.00008	.00100	.00001	.03826	.00002	.00041
%RSD	.38120	53.421	1100.3	1.3261	633.79	2.2243	66.710
#1	.77286	.00020	.00080	-.00047	.03309	.00074	.00032
#2	.77704	.00009	-.00062	-.00046	-.02102	.00076	.00090

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	1.7809	.00009	-.00020	.00027	1.8184	.00061
SDev	.00333	.0093	.00003	.00033	.00026	.0138	.00019
%RSD	121.70	.52398	32.403	160.68	94.645	.75737	31.635
#1	.00509	1.7743	.00007	-.00043	.00045	1.8087	.00047
#2	.00038	1.7875	.00011	.00003	.00009	1.8282	.00074

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	52.342	46.516	.01415	.00216	-.00001	-.00000
SDev	.00072	.617	.593	.00013	.00147	.00262	.00007
%RSD	20169.	1.1785	1.2752	.92382	68.053	18344.	2118.9
#1	.00051	51.906	46.096	.01406	.00112	.00184	.00004
#2	-.00051	52.779	46.935	.01424	.00320	-.00186	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00191	.00046	.00069	.00206	.00307

SDev	.00036	.00014	.00247	.00185	.01042	.00022
%RSD	595.45	7.3311	536.29	267.73	506.06	7.1295
#1	.00032	.00181	.00221	-.00062	.00943	.00292
#2	-.00020	.00201	-.00129	.00200	-.00531	.00323

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26326	--	--	--	--	--	--
SDev	82.02438	--	--	--	--	--	--
%RSD	.3115718	--	--	--	--	--	--
#1	26384	--	--	--	--	--	--
#2	26268	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-a-1-a@500 Operator: SRP
Run Time: 01/24/12 14:58:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02356	.00094	.00016	.00014	-.00030	.00921	-.00004
SDev	.00200	.00072	.00058	.00003	.00000	.00017	.00011
%RSD	8.5080	76.864	354.27	25.607	1.1210	1.9014	272.83
#1	.02498	.00043	.00057	.00016	-.00031	.00934	.00004
#2	.02215	.00145	-.00025	.00011	-.00030	.00909	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80670	.00004	-.00032	-.00068	.00936	.00007	.00063
SDev	.00649	.00022	.00058	.00012	.02499	.00006	.00075
%RSD	.80459	611.68	180.41	17.104	266.91	87.271	117.64
#1	.81128	.00019	.00009	-.00060	.02703	.00012	.00011
#2	.80211	-.00012	-.00073	-.00077	-.00831	.00003	.00116

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00332	2.4921	-.00003	-.00034	.00016	.69638	-.00549
SDev	.00131	.0252	.00000	.00063	.00043	.03040	.00031
%RSD	39.498	1.0117	.27426	184.20	260.47	4.3650	5.6837
#1	.00239	2.5100	-.00003	.00010	.00047	.71788	-.00527
#2	.00425	2.4743	-.00003	-.00078	-.00014	.67489	-.00571

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	21.613	19.633	.01770	.00016	-.00105	.00002
SDev	.00087	.315	.022	.00008	.00150	.00039	.00010
%RSD	308.46	1.4583	.11026	.43640	933.49	37.318	499.55
#1	.00090	21.836	19.648	.01775	.00122	-.00132	.00009
#2	-.00033	21.390	19.617	.01765	-.00090	-.00077	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00184	.00321	-.00065	.00805	.00095
SDev	.00008	.00007	.00013	.00105	.00023	.00185
%RSD	66.822	3.9075	4.0598	161.87	2.9221	193.81
#1	.00006	.00189	.00311	-.00140	.00788	-.00035
#2	.00018	.00179	.00330	.00009	.00822	.00226

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27360	--	--	--	--	--	--
SDev	196.5757	--	--	--	--	--	--
%RSD	.7184784	--	--	--	--	--	--
#1	27221	--	--	--	--	--	--
#2	27499	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-3-a@500 Operator: SRP
Run Time: 01/24/12 15:01:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02593	.00087	.00041	.00012	-.00028	.00942	.00021
SDev	.00244	.00141	.00022	.00005	.00003	.00014	.00015
%RSD	9.4222	161.02	53.495	39.995	12.296	1.4938	72.425
#1	.02420	-.00012	.00026	.00016	-.00031	.00952	.00010
#2	.02766	.00187	.00057	.00009	-.00026	.00932	.00031

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86834	.00014	.00012	-.00059	.02420	.00009	.00030
SDev	.00084	.00003	.00088	.00009	.02319	.00001	.00000
%RSD	.09657	17.815	710.17	14.894	95.836	13.577	.42939
#1	.86775	.00012	-.00050	-.00053	.00780	.00008	.00030
#2	.86893	.00016	.00074	-.00065	.04060	.00010	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	2.6900	-.00001	.00016	.00071	.74856	-.00481
SDev	.00080	.0024	.00003	.00032	.00079	.00515	.00090
%RSD	53.069	.08926	220.39	193.58	111.01	.68837	18.617
#1	.00206	2.6883	-.00003	-.00006	.00015	.74491	-.00544
#2	.00094	2.6917	.00001	.00039	.00126	.75220	-.00418

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	23.438	21.099	.01910	.00158	-.00179	.00005
SDev	.00051	.088	.060	.00001	.00068	.00008	.00003

%RSD	77.217	.37461	.28449	.04513	43.239	4.6902	50.227
#1	.00030	23.376	21.141	.01909	.00110	-.00173	.00003
#2	.00102	23.500	21.056	.01911	.00206	-.00185	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00171	.00141	-.00025	.00317	.00066
SDev	.00009	.00022	.00555	.00277	.00316	.00277
%RSD	33.535	12.970	394.34	1106.3	99.783	419.74
#1	.00031	.00155	-.00252	.00171	.00093	.00262
#2	.00019	.00186	.00534	-.00221	.00541	-.00130

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27363	--	--	--	--	--	--
SDev	96.16652	--	--	--	--	--	--
%RSD	.3514473	--	--	--	--	--	--
#1	27431	--	--	--	--	--	--
#2	27295	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-4-a@500 Operator: SRP
Run Time: 01/24/12 15:05:48

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02938	.00201	-.00166	.00017	-.00034	.01083	-.00001
SDev	.00142	.00279	.00361	.00012	.00003	.00094	.00025
%RSD	4.8427	138.22	217.31	71.942	9.3151	8.6551	2316.6
#1	.03038	.00398	.00089	.00026	-.00032	.01149	.00017
#2	.02837	.00005	-.00421	.00008	-.00036	.01017	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3237	.00009	.00003	-.00042	.01455	.00019	-.00006
SDev	.0086	.00064	.00051	.00078	.01608	.00004	.00066
%RSD	.65163	747.33	1914.6	187.07	110.49	20.251	1056.8
#1	1.3298	.00054	.00039	.00013	.02592	.00022	.00040
#2	1.3176	-.00037	-.00033	-.00096	.00318	.00016	-.00053

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	4.1809	-.00004	-.00030	.00013	1.0581	-.00500
SDev	.00202	.0163	.00014	.00006	.00060	.0102	.00208
%RSD	187.31	.38917	336.37	19.229	462.83	.96347	41.628
#1	-.00035	4.1925	.00006	-.00026	.00056	1.0653	-.00353
#2	.00251	4.1694	-.00014	-.00034	-.00030	1.0509	-.00648

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	32.084	29.056	.02959	.00141	-.00177	.00000
SDev	.00073	.057	.185	.00006	.00294	.00196	.00027
%RSD	829.04	.17736	.63723	.19545	208.56	110.74	5835.4
#1	.00043	32.043	28.925	.02955	.00349	-.00038	.00020
#2	-.00060	32.124	29.187	.02963	-.00067	-.00315	-.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00176	-.00124	.00053	-.00220	.00272
SDev	.00080	.00015	.00201	.00199	.00463	.00071
%RSD	658.54	8.3093	162.25	378.11	210.32	26.210
#1	.00069	.00187	-.00266	.00194	-.00548	.00221
#2	-.00044	.00166	.00018	-.00088	.00107	.00322

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27196	--	--	--	--	--	--
SDev	143.5427	--	--	--	--	--	--
%RSD	.5278177	--	--	--	--	--	--
#1	27297	--	--	--	--	--	--
#2	27094	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48592-b-5-a@500 Operator: SRP
Run Time: 01/24/12 15:09:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02766	.00239	-.00050	.00011	-.00031	.00671	.00015
SDev	.00072	.00074	.00009	.00006	.00001	.00040	.00003
%RSD	2.6024	31.067	18.425	56.681	2.6890	5.9433	20.471
#1	.02715	.00292	-.00056	.00007	-.00032	.00699	.00017
#2	.02817	.00187	-.00043	.00015	-.00030	.00643	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14847	.00044	.00039	-.00054	.02646	-.00015	.00028
SDev	.00004	.00039	.00034	.00030	.02234	.00002	.00122
%RSD	.02649	90.438	86.362	55.081	84.431	13.187	430.17
#1	.14850	.00016	.00015	-.00075	.01066	-.00017	-.00058
#2	.14844	.00071	.00062	-.00033	.04225	-.00014	.00115

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	.34725	.00001	-.00042	.00048	.25457	-.00491
SDev	.00103	.00174	.00006	.00034	.00058	.00665	.00030
%RSD	61.849	.50029	433.32	80.957	120.06	2.6116	6.0095

#1	.00238	.34847	-.00003	-.00067	.00007	.24987	-.00512
#2	.00093	.34602	.00005	-.00018	.00089	.25927	-.00471

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	10.039	8.9992	.00285	-.00128	-.00148	.00007
SDev	.00060	.011	.0633	.00001	.00100	.00126	.00005
%RSD	78.364	.11265	.70354	.20718	77.579	85.210	68.437
#1	.00034	10.031	9.0439	.00285	-.00199	-.00237	.00003
#2	.00119	10.047	8.9544	.00286	-.00058	-.00059	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00185	.00001	.00042	-.00149	.00323
SDev	.00027	.00001	.00154	.00107	.00243	.00275
%RSD	43.220	.77649	19876.	252.24	163.22	85.193
#1	.00043	.00184	-.00108	-.00033	-.00320	.00518
#2	.00081	.00186	.00110	.00118	.00023	.00128

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27328	--	--	--	--	--	--
SDev	22.62742	--	--	--	--	--	--
%RSD	.0827994	--	--	--	--	--	--
#1	27344	--	--	--	--	--	--

#2	27312	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49132-a-5-a Operator: SRP
Run Time: 01/24/12 15:13:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0598	.00214	.00077	.29674	-.00032	.09917	.00015
SDev	.0098	.00058	.00092	.00148	.00005	.00006	.00012
%RSD	.92016	27.044	118.89	.49767	15.187	.06218	81.336
#1	1.0667	.00173	.00142	.29778	-.00035	.09922	.00024
#2	1.0529	.00255	.00012	.29569	-.00028	.09913	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.508	.00066	.00080	.00061	.77709	.03140	.00223
SDev	.308	.00001	.00052	.00040	.02560	.00015	.00034
%RSD	.43010	.75175	64.144	66.789	3.2950	.47521	15.477
#1	71.725	.00066	.00117	.00032	.79519	.03151	.00198
#2	71.291	.00066	.00044	.00089	.75898	.03130	.00247

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	22.335	.29647	.00305	.00299	4.7929	13.811
SDev	.00047	.100	.00122	.00003	.00010	.0235	.086
%RSD	204.93	.44663	.41018	1.0666	3.3515	.49108	.62411
#1	.00010	22.406	.29733	.00303	.00306	4.8095	13.872
#2	-.00057	22.265	.29561	.00307	.00292	4.7763	13.750

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	140.34	114.76	.47831	-.00009	.00207	.03487
SDev	.00052	.78	.48	.00240	.00242	.00073	.00191
%RSD	106.45	.55223	.41908	.50192	2608.9	35.521	5.4874
#1	.00086	140.89	115.10	.48001	.00162	.00155	.03622
#2	.00012	139.79	114.42	.47661	-.00180	.00259	.03351

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00362	.00529	.00382	.00143	.00134	-.00102
SDev	.00006	.00009	.00096	.00100	.00341	.00099
%RSD	1.7180	1.6769	25.228	70.021	254.75	97.864
#1	.00358	.00536	.00450	.00072	.00375	-.00172
#2	.00367	.00523	.00314	.00213	-.00107	-.00031

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26654	--	--	--	--	--	--
SDev	217.7889	--	--	--	--	--	--

%RSD	.8170965	--	--	--	--	--	--
#1	26500	--	--	--	--	--	--
#2	26808	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-b-16-b Operator: SRP
Run Time: 01/24/12 15:17:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08083	.00170	.01334	.32169	-.00037	.19089	.00001
SDev	.00001	.00078	.00051	.00056	.00002	.00038	.00022
%RSD	.00608	45.848	3.8377	.17556	4.3633	.20070	1570.0
#1	.08083	.00225	.01297	.32209	-.00039	.19116	.00017
#2	.08084	.00115	.01370	.32129	-.00036	.19062	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.316	-.00011	.00826	-.00070	1.0397	.00228	.00143
SDev	.218	.00013	.00032	.00018	.0067	.00001	.00015
%RSD	.29712	116.64	3.9128	24.969	.64072	.51152	10.260

#1	73.470	-.00002	.00849	-.00058	1.0444	.00228	.00133
#2	73.162	-.00020	.00803	-.00083	1.0350	.00227	.00153

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00310	16.762	1.1260	.00181	.00375	1.2246	8.7191
SDev	.00042	.054	.0030	.00059	.00060	.0106	.0223
%RSD	13.672	.31993	.27002	32.728	16.114	.86888	.25592
#1	.00280	16.800	1.1281	.00223	.00417	1.2321	8.7349
#2	.00340	16.724	1.1238	.00139	.00332	1.2171	8.7033

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	123.23	102.85	.31831	-.00229	-.00102	.00077
SDev	.00009	.32	.13	.00061	.00070	.00038	.00014
%RSD	43.493	.25644	.12633	.19067	30.556	37.760	18.647
#1	-.00014	123.45	102.94	.31874	-.00179	-.00075	.00087
#2	-.00027	123.00	102.75	.31788	-.00278	-.00129	.00067

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00261	.00343	.00043	.00308	.00311
SDev	.00027	.00004	.00094	.00069	.00001	.00064
%RSD	238.53	1.5789	27.575	160.68	.31633	20.587
#1	-.00030	.00258	.00409	-.00006	.00308	.00266
#2	.00008	.00264	.00276	.00092	.00307	.00356

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	26604	--	--	--	--	--	--
SDev	78.48885	--	--	--	--	--	--
%RSD	.2950210	--	--	--	--	--	--
#1	26549	--	--	--	--	--	--
#2	26660	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48776-a-17-b Operator: SRP
Run Time: 01/24/12 15:21:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12290	.00221	.01078	.16190	-.00040	.44704	.00017
SDev	.00058	.00042	.00061	.00060	.00002	.00068	.00011
%RSD	.46831	19.001	5.6644	.36972	3.8839	.15188	64.374
#1	.12331	.00192	.01035	.16147	-.00038	.44655	.00025
#2	.12249	.00251	.01121	.16232	-.00041	.44752	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.283	.00012	.00317	.00043	.23516	.00477	.00057
SDev	.123	.00010	.00052	.00031	.02385	.00002	.00032
%RSD	.28509	81.342	16.457	72.458	10.142	.46879	56.983
#1	43.371	.00020	.00354	.00065	.25203	.00478	.00034
#2	43.196	.00005	.00280	.00021	.21830	.00475	.00079

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00190	7.7241	.34840	.00596	.00455	1.0324	9.8230
SDev	.00020	.0216	.00065	.00016	.00012	.0212	.0014
%RSD	10.321	.28005	.18683	2.7435	2.6308	2.0532	.01455
#1	.00176	7.7394	.34886	.00608	.00447	1.0474	9.8220
#2	.00204	7.7088	.34794	.00585	.00463	1.0174	9.8240

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	240.36	177.57	.16412	.00062	-.00131	.00167
SDev	.00077	.31	.15	.00044	.00056	.00231	.00014
%RSD	280.65	.12829	.08548	.27009	90.700	176.71	8.4964
#1	.00082	240.58	177.68	.16381	.00101	-.00294	.00177
#2	-.00027	240.14	177.46	.16443	.00022	.00033	.00157

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00455	.00166	.00002	.00105	.00232
SDev	.00009	.00003	.00061	.00079	.00241	.00150
%RSD	28.283	.56776	36.506	4255.0	228.82	64.679
#1	.00025	.00457	.00209	-.00054	.00276	.00126
#2	.00038	.00453	.00123	.00058	-.00065	.00338

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26696	--	--	--	--	--	--
SDev	75.66042	--	--	--	--	--	--
%RSD	.2834201	--	--	--	--	--	--
#1	26642	--	--	--	--	--	--
#2	26749	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-1-b Operator: SRP
Run Time: 01/24/12 15:25:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10267	.00192	.00731	.11603	-.00023	.03511	.00030
SDev	.00323	.00168	.00192	.00029	.00004	.00068	.00010

%RSD	3.1440	87.417	26.306	.25250	15.516	1.9381	33.829
#1	.10496	.00310	.00867	.11623	-.00026	.03559	.00037
#2	.10039	.00073	.00595	.11582	-.00021	.03463	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.001	.00335	.00080	.08740	.28204	.00371	.00149
SDev	.021	.00040	.00041	.00043	.01311	.00003	.00028
%RSD	.17878	11.957	51.489	.49061	4.6489	.86120	18.927
#1	12.016	.00364	.00110	.08770	.29131	.00373	.00169
#2	11.986	.00307	.00051	.08710	.27277	.00369	.00129

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	2.7024	.26002	.00168	.03027	2.7299	3.9237
SDev	.00151	.0030	.00022	.00009	.00086	.0084	.0062
%RSD	149.13	.11023	.08452	5.4488	2.8385	.30851	.15826
#1	-.00208	2.7045	.26017	.00174	.03088	2.7359	3.9280
#2	.00006	2.7003	.25986	.00161	.02967	2.7240	3.9193

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	14.777	13.518	.09938	.00092	-.00051	.00172
SDev	.00030	.114	.038	.00010	.00181	.00164	.00011
%RSD	76.728	.77055	.28018	.09515	195.94	321.74	6.1412
#1	.00060	14.857	13.544	.09945	.00220	.00065	.00180
#2	.00018	14.696	13.491	.09932	-.00036	-.00167	.00165

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.08335	.00152	.00148	-.00145	-.00079
SDev	.00000	.00038	.00057	.00071	.00198	.00127
%RSD	.42734	.45624	37.681	48.111	136.78	160.47
#1	.00095	.08362	.00112	.00198	-.00285	-.00169

#2	.00094	.08308	.00193	.00097	-.00005	.00011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27654	--	--	--	--	--	--
SDev	101.1163	--	--	--	--	--	--
%RSD	.3656545	--	--	--	--	--	--
#1	27582	--	--	--	--	--	--
#2	27725	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 15:28:54
Comment: TRACE 61E

Analysis Report Blank Sample 01/24/12 03:32:41 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5015	.50802	.50069	.51202	.47620	.50405	.51550
SDev	.0175	.00139	.00322	.00235	.00244	.00191	.00197
%RSD	.69987	.27379	.64385	.45990	.51158	.37868	.38190
#1	2.5138	.50900	.50296	.51368	.47792	.50540	.51689
#2	2.4891	.50703	.49841	.51035	.47448	.50270	.51411

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.351	.48055	.48104	.48303	2.5444	.47856	.49480
SDev	.068	.00201	.00207	.00202	.0048	.00385	.00027
%RSD	.54979	.41802	.43070	.41871	.19048	.80553	.05411
#1	12.399	.48197	.48250	.48446	2.5410	.48128	.49499
#2	12.303	.47913	.47957	.48160	2.5479	.47583	.49461

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49767	4.8340	.48153	.50143	.52461	12.288	.93352
SDev	.00105	.0247	.00206	.00073	.00218	.122	.00751
%RSD	.21148	.51016	.42772	.14540	.41609	.99067	.80462
#1	.49841	4.8515	.48298	.50195	.52615	12.374	.93883
#2	.49692	4.8166	.48007	.50092	.52307	12.202	.92821

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24458	12.626	12.192	.25609	.51886	.50128	.50018
SDev	.00058	.029	.117	.00134	.00149	.00149	.00214
%RSD	.23800	.22735	.95632	.52204	.28776	.29676	.42864
#1	.24499	12.647	12.274	.25703	.51780	.50233	.50170
#2	.24417	12.606	12.109	.25514	.51991	.50023	.49867

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49031	.51193	.47385	.50527	.48358	.50477
SDev	.00186	.00311	.00310	.00195	.00082	.00117

%RSD	.37953	.60753	.65364	.38598	.17025	.23126
#1	.49162	.51413	.47166	.50665	.48416	.50559
#2	.48899	.50973	.47604	.50389	.48299	.50394

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27538	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1283875	--	--	--	--	--	--
#1	27513	--	--	--	--	--	--
#2	27563	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 15:32:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05511	.00220	.00092	.00033	-.00018	.00176	.00019
SDev	.00144	.00006	.00005	.00001	.00003	.00069	.00007
%RSD	2.6041	2.7018	4.9480	3.3786	14.544	39.131	35.469
#1	.05409	.00215	.00089	.00034	-.00017	.00225	.00015
#2	.05612	.00224	.00096	.00033	-.00020	.00127	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01585	.00051	-.00003	-.00046	.00952	-.00014	.00010
SDev	.00057	.00010	.00008	.00012	.01273	.00001	.00008
%RSD	3.6136	19.767	247.11	27.035	133.73	5.4269	84.165
#1	.01544	.00044	-.00009	-.00037	.00052	-.00014	.00015
#2	.01625	.00058	.00002	-.00054	.01852	-.00015	.00004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00281	.00277	.00023	.00165	.00055	-.07850	-.00633
SDev	.00121	.00082	.00003	.00080	.00004	.00537	.00029
%RSD	43.168	29.544	12.147	48.537	8.0567	6.8347	4.6145
#1	.00367	.00219	.00021	.00221	.00052	-.07471	-.00612
#2	.00195	.00335	.00025	.00108	.00058	-.08230	-.00654

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.09852	.00348	.00019	.00345	-.00056	.00032
SDev	.00051	.12024	.00009	.00001	.00089	.00112	.00002
%RSD	476.21	122.05	2.7125	3.4064	25.888	201.86	6.5684
#1	-.00047	.01349	.00355	.00019	.00408	.00024	.00033
#2	.00026	.18354	.00341	.00018	.00282	-.00135	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00022	.00059	-.00015	.00564	.00140
SDev	.00026	.00021	.00274	.00149	.00102	.00233
%RSD	50.099	93.225	465.20	999.63	18.019	166.91
#1	.00034	.00037	-.00135	.00091	.00492	.00304
#2	.00071	.00008	.00253	-.00121	.00636	-.00025

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27148	--	--	--	--	--	--

SDev	82.73149	--	--	--	--	--	--
%RSD	.3047481	--	--	--	--	--	--
#1	27206	--	--	--	--	--	--
#2	27089	--	--	--	--	--	--

Analysis Report 01/24/12 03:41:06 PM page 1

Method: 20076010 Sample Name: 600-49246-a-2-b Operator: SRP
Run Time: 01/24/12 15:37:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13793	.00280	.00140	.10321	-.00033	.03360	.00006
SDev	.00057	.00258	.00162	.00010	.00002	.00057	.00004
%RSD	.41702	92.296	115.60	.09486	4.8603	1.6955	63.453
#1	.13834	.00097	.00026	.10328	-.00034	.03320	.00003
#2	.13752	.00462	.00255	.10314	-.00032	.03400	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.112	.00086	.00107	.04720	.49996	.00399	.00176
SDev	.017	.00025	.00013	.00034	.00645	.00002	.00027
%RSD	.15035	28.728	11.872	.71717	1.2890	.44929	15.295
#1	11.124	.00069	.00116	.04744	.50451	.00400	.00157
#2	11.100	.00103	.00098	.04696	.49540	.00398	.00195

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	2.5169	.14892	.00214	.01728	2.7672	3.9016
SDev	.00130	.0081	.00016	.00000	.00053	.0033	.0037
%RSD	107.17	.32314	.10906	.15581	3.0895	.12077	.09583
#1	.00213	2.5226	.14904	.00215	.01690	2.7696	3.9043
#2	.00029	2.5111	.14881	.00214	.01766	2.7649	3.8990

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	14.679	13.541	.08842	-.00077	-.00074	.00417
SDev	.00009	.096	.032	.00015	.00085	.00094	.00248

%RSD	61.347	.65625	.23985	.17492	110.74	126.55	59.505
#1	.00021	14.747	13.564	.08852	-.00017	-.00008	.00241
#2	.00008	14.611	13.518	.08831	-.00137	-.00141	.00592

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.04722	.00175	.00177	.00128	.00118
SDev	.00018	.00016	.00121	.00101	.00482	.00046
%RSD	21.080	.34497	69.203	56.982	377.32	38.774
#1	.00072	.04733	.00260	.00106	.00468	.00086
#2	.00097	.04710	.00089	.00248	-.00213	.00151

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27082	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1462151	--	--	--	--	--	--

#1	27054	--	--	--	--	--	--
#2	27110	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-2-c du Operator: SRP
Run Time: 01/24/12 15:41:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13384	.00156	-.00110	.10097	-.00029	.03257	.00019
SDev	.00151	.00173	.00040	.00043	.00002	.00016	.00004
%RSD	1.1246	110.45	36.551	.42223	6.7490	.47986	20.602
#1	.13278	.00034	-.00138	.10066	-.00028	.03246	.00022
#2	.13490	.00278	-.00081	.10127	-.00031	.03268	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.936	.00066	.00089	.04616	.48960	.00391	.00131
SDev	.040	.00017	.00004	.00007	.00263	.00004	.00001
%RSD	.36292	26.153	4.6986	.14607	.53636	.92372	.86414
#1	10.908	.00054	.00092	.04611	.49145	.00389	.00132
#2	10.965	.00078	.00086	.04621	.48774	.00394	.00130

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00296	2.4706	.14659	.00111	.01713	2.7156	3.8472
SDev	.00131	.0106	.00059	.00017	.00020	.0175	.0190
%RSD	44.394	.42991	.39901	15.262	1.1936	.64628	.49462
#1	.00203	2.4631	.14617	.00123	.01727	2.7032	3.8337
#2	.00389	2.4781	.14700	.00099	.01698	2.7280	3.8606

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	14.499	13.412	.08709	-.00057	-.00014	.00268
SDev	.00000	.094	.088	.00036	.00016	.00163	.00042
%RSD	.47603	.64923	.65466	.40771	28.233	1197.9	15.609
#1	-.00021	14.433	13.350	.08684	-.00045	.00102	.00298
#2	-.00021	14.566	13.474	.08734	-.00068	-.00129	.00239

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.04571	.00398	-.00003	.00748	.00070
SDev	.00009	.00031	.00002	.00001	.00017	.00189
%RSD	11.513	.68529	.48721	23.292	2.2637	268.16
#1	.00070	.04548	.00400	-.00003	.00736	-.00063
#2	.00083	.04593	.00397	-.00004	.00760	.00204

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/24/12 03:44:57 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27318	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.1371842	--	--	--	--	--	--
#1	27345	--	--	--	--	--	--
#2	27292	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-2-d ms Operator: SRP
Run Time: 01/24/12 15:45:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.231	1.0449	1.0259	1.1704	.48290	1.0771	.52091
SDev	.020	.0024	.0019	.0001	.00027	.0017	.00086
%RSD	.19204	.23029	.18587	.01088	.05534	.15771	.16497
#1	10.245	1.0432	1.0246	1.1705	.48271	1.0759	.52031
#2	10.217	1.0466	1.0273	1.1703	.48308	1.0783	.52152

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.947	.97398	.97738	1.0369	10.702	.51264	1.0001
SDev	.005	.00076	.00086	.0010	.036	.00032	.0007
%RSD	.02522	.07856	.08821	.09554	.33319	.06325	.07052
#1	20.944	.97344	.97677	1.0376	10.677	.51287	.99958
#2	20.951	.97452	.97798	1.0362	10.727	.51241	1.0006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0138	12.274	1.1272	1.0321	1.1103	13.568	5.0313
SDev	.0026	.009	.0002	.0048	.0007	.026	.0089
%RSD	.25744	.07723	.02153	.46705	.06247	.19436	.17748
#1	1.0120	12.268	1.1270	1.0287	1.1108	13.587	5.0376

#2	1.0157	12.281	1.1274	1.0355	1.1098	13.550	5.0250

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50386	25.128	24.501	.62111	1.0741	1.0011	1.0223
SDev	.00078	.103	.056	.00018	.0191	.0068	.0001
%RSD	.15566	.41059	.22989	.02925	1.7816	.67505	.00506
#1	.50330	25.056	24.541	.62123	1.0606	.99629	1.0222
#2	.50441	25.201	24.461	.62098	1.0876	1.0058	1.0223

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99884	1.0850	.95670	1.0218	.98352	1.0290
SDev	.00093	.0002	.00066	.0007	.00175	.0048
%RSD	.09278	.02084	.06919	.07115	.17745	.46530
#1	.99818	1.0849	.95623	1.0212	.98476	1.0256

#2	.99949	1.0852	.95716	1.0223	.98229	1.0324	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26940	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.0708695	--	--	--	--	--	--
#1	26953	--	--	--	--	--	--
#2	26926	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-2-e msd Operator: SRP
Run Time: 01/24/12 15:48:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.202	1.0380	1.0251	1.1633	.48063	1.0767	.52046
SDev	.025	.0008	.0015	.0003	.00232	.0025	.00190
%RSD	.24897	.07757	.14907	.02598	.48185	.23130	.36444
#1	10.184	1.0374	1.0262	1.1635	.48227	1.0785	.52180
#2	10.220	1.0385	1.0240	1.1631	.47899	1.0750	.51912

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.823	.96776	.97311	1.0277	10.719	.50995	.99922
SDev	.085	.00398	.00356	.0014	.045	.00103	.00525
%RSD	.41025	.41145	.36583	.13686	.42050	.20150	.52574
#1	20.883	.97058	.97563	1.0287	10.751	.50922	1.0029
#2	20.762	.96495	.97060	1.0267	10.687	.51067	.99551

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0127	12.202	1.1202	1.0279	1.0865	13.497	5.0213
SDev	.0022	.032	.0049	.0026	.0002	.043	.0010
%RSD	.21972	.26447	.43571	.25120	.01813	.32120	.01935

#1	1.0142	12.225	1.1237	1.0297	1.0864	13.466	5.0220
#2	1.0111	12.179	1.1168	1.0261	1.0867	13.528	5.0206

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50074	25.088	24.354	.61741	1.0803	.99743	1.0142
SDev	.00123	.002	.098	.00038	.0043	.00266	.0021
%RSD	.24624	.00726	.40361	.06121	.40212	.26697	.20528
#1	.50161	25.089	24.284	.61768	1.0773	.99931	1.0157
#2	.49987	25.086	24.423	.61715	1.0834	.99555	1.0128

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99250	1.0803	.94983	1.0239	.97987	1.0290

SDev	.00429	.0039	.00480	.0055	.00001	.0033
%RSD	.43217	.35648	.50507	.53532	.00145	.32364
#1	.99554	1.0830	.95322	1.0278	.97988	1.0314
#2	.98947	1.0775	.94644	1.0200	.97986	1.0267

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27161	--	--	--	--	--	--
SDev	73.53911	--	--	--	--	--	--
%RSD	.2707526	--	--	--	--	--	--
#1	27109	--	--	--	--	--	--
#2	27213	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49246-a-2-b Operator: SRP
Run Time: 01/24/12 15:52:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6601	.96011	.97340	1.1163	.45039	1.0238	.49691
SDev	.0339	.00219	.00203	.0061	.00127	.0031	.00208
%RSD	.35091	.22773	.20821	.54631	.28232	.30438	.41777
#1	9.6840	.96165	.97483	1.1206	.45129	1.0260	.49837
#2	9.6361	.95856	.97196	1.1119	.44950	1.0216	.49544

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.424	.92569	.91870	.97648	10.112	.98203	.95217
SDev	.045	.00244	.00253	.00368	.037	.00384	.00188
%RSD	.21929	.26301	.27545	.37728	.36455	.39116	.19722
#1	20.455	.92741	.92049	.97909	10.138	.98474	.95350
#2	20.392	.92397	.91691	.97388	10.086	.97931	.95085

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94412	11.707	1.0861	.96729	1.0589	12.989	4.9560

SDev	.00606	.025	.0030	.00174	.0032	.051	.0146
%RSD	.64143	.20937	.27511	.17976	.30002	.39196	.29558
#1	.94840	11.725	1.0882	.96852	1.0611	13.025	4.9663
#2	.93984	11.690	1.0840	.96606	1.0566	12.953	4.9456

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47222	24.859	24.048	.59006	1.0250	.93812	.96370
SDev	.00215	.117	.088	.00278	.0027	.00273	.00388
%RSD	.45613	.47099	.36506	.47144	.26241	.29110	.40299
#1	.47374	24.941	24.110	.59202	1.0269	.94005	.96644
#2	.47069	24.776	23.986	.58809	1.0231	.93619	.96095

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93487	1.0343	.90638	.97507	.91908	.95664
SDev	.00258	.0032	.00382	.00090	.00816	.00500
%RSD	.27593	.31186	.42181	.09283	.88821	.52289
#1	.93670	1.0366	.90908	.97571	.92485	.96018
#2	.93305	1.0320	.90368	.97443	.91331	.95311

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27174	--	--	--	--	--	--
SDev	122.3295	--	--	--	--	--	--
%RSD	.4501627	--	--	--	--	--	--
#1	27088	--	--	--	--	--	--
#2	27261	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49246-a-2-b Operator: SRP
Run Time: 01/24/12 15:56:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05213	.00614	.00079	.01917	-.00033	.00888	.00021
SDev	.00001	.00446	.00263	.00018	.00003	.00008	.00007
%RSD	.01559	72.647	331.14	.95051	9.1944	.86300	33.000
#1	.05213	.00930	.00265	.01904	-.00035	.00893	.00016
#2	.05214	.00299	-.00107	.01930	-.00031	.00882	.00025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0696	.00031	.00000	.00750	.09046	.00056	.00087
SDev	.0018	.00032	.00046	.00002	.01508	.00007	.00018
%RSD	.08746	102.00	13481.	.23750	16.676	13.493	20.469
#1	2.0683	.00009	-.00032	.00748	.07979	.00050	.00099
#2	2.0708	.00054	.00033	.00751	.10112	.00061	.00074

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00281	.45136	.02743	.00378	.00363	.41850	.70572
SDev	.00245	.00097	.00010	.00125	.00046	.00048	.00080
%RSD	87.210	.21528	.36043	33.111	12.578	.11428	.11301
#1	.00455	.45205	.02736	.00466	.00331	.41816	.70628
#2	.00108	.45068	.02750	.00289	.00396	.41883	.70515

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	2.6630	2.3669	.01628	-.00099	.00027	.00064
SDev	.00024	.0395	.0033	.00005	.00117	.00122	.00000

%RSD	111.55	1.4816	.14136	.32121	118.76	447.98	.58397
#1	.00005	2.6351	2.3692	.01624	-.00016	.00113	.00065
#2	.00039	2.6909	2.3645	.01631	-.00181	-.00059	.00064

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.01116	.00266	-.00003	.00651	.00096
SDev	.00016	.00017	.00343	.00198	.00187	.00275
%RSD	47.209	1.5434	129.18	7746.4	28.685	284.71
#1	.00023	.01104	.00023	.00138	.00783	.00291
#2	.00047	.01128	.00508	-.00143	.00519	-.00098

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27349	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1603006	--	--	--	--	--	--
#1	27380	--	--	--	--	--	--
#2	27318	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-3-b Operator: SRP
Run Time: 01/24/12 16:00:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14391	.00177	.00056	.09637	-.00033	.03689	.00005
SDev	.00023	.00029	.00112	.00001	.00003	.00043	.00006
%RSD	.15826	16.491	199.16	.01268	7.6907	1.1653	118.35
#1	.14375	.00198	.00135	.09636	-.00035	.03720	.00001
#2	.14407	.00156	-.00023	.09637	-.00031	.03659	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.121	.00238	.00089	.06471	1.6571	.00471	.00127
SDev	.029	.00012	.00004	.00026	.0102	.00001	.00037
%RSD	.22252	5.0159	4.7301	.40045	.61377	.29180	28.955
#1	13.141	.00229	.00092	.06489	1.6643	.00470	.00154
#2	13.100	.00246	.00086	.06453	1.6499	.00472	.00101

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	2.4384	.28198	.00411	.02396	2.8749	4.0151
SDev	.00415	.0087	.00064	.00002	.00044	.0035	.0030
%RSD	124.06	.35673	.22631	.50620	1.8136	.12135	.07480
#1	.00041	2.4445	.28243	.00409	.02427	2.8773	4.0172
#2	.00627	2.4322	.28152	.00412	.02366	2.8724	4.0129

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	15.835	14.645	.09585	-.00174	-.00041	.00313
SDev	.00027	.056	.012	.00004	.00104	.00121	.00017
%RSD	1237.0	.35171	.07875	.04236	59.445	296.47	5.3552
#1	.00017	15.796	14.636	.09588	-.00248	.00045	.00301
#2	-.00021	15.875	14.653	.09582	-.00101	-.00126	.00325

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00224	.10573	.00284	.00049	.00763	.00120
SDev	.00017	.00040	.00080	.00015	.00861	.00191
%RSD	7.7674	.37948	28.132	31.339	112.87	159.65
#1	.00212	.10601	.00341	.00060	.00154	-.00015
#2	.00237	.10544	.00228	.00038	.01371	.00255

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27193	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.1872235	--	--	--	--	--	--
#1	27157	--	--	--	--	--	--
#2	27229	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-5-b Operator: SRP
Run Time: 01/24/12 16:06:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13460	.00273	.00052	.08241	-.00038	.04250	.00036
SDev	.00118	.00102	.00045	.00004	.00000	.00079	.00029
%RSD	.87300	37.414	85.806	.04628	1.2570	1.8544	80.177
#1	.13377	.00201	.00084	.08244	-.00038	.04194	.00057
#2	.13543	.00345	.00020	.08239	-.00038	.04305	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.886	.00070	.00101	.04911	.40904	.00388	.00265

SDev	.023	.00012	.00088	.00007	.05384	.00001	.00063
%RSD	.19395	17.600	87.232	.14978	13.164	.19978	23.594
#1	11.903	.00061	.00163	.04916	.44711	.00389	.00221
#2	11.870	.00078	.00039	.04906	.37096	.00388	.00309

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00362	2.2490	.12261	.01267	.00980	4.2213	3.4643
SDev	.00088	.0038	.00031	.00118	.00114	.0122	.0072
%RSD	24.402	.17080	.25165	9.3347	11.633	.28970	.20835
#1	.00425	2.2518	.12282	.01351	.01061	4.2299	3.4694
#2	.00300	2.2463	.12239	.01184	.00900	4.2126	3.4592

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	17.272	15.871	.09411	.00270	.00082	.00223
SDev	.00139	.373	.071	.00022	.00301	.00178	.00011
%RSD	141.24	2.1595	.44643	.23202	111.82	217.73	4.7211
#1	.00196	17.536	15.921	.09426	.00483	.00208	.00215
#2	.00000	17.008	15.820	.09395	.00056	-.00044	.00230

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00194	.09043	.00332	.00231	.00686	.00200
SDev	.00034	.00011	.00058	.00123	.00045	.00110
%RSD	17.627	.11726	17.550	53.131	6.5115	55.028
#1	.00170	.09050	.00373	.00144	.00717	.00278
#2	.00218	.09035	.00291	.00318	.00654	.00122

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27289	--	--	--	--	--	--
SDev	19.79899	--	--	--	--	--	--
%RSD	.0725530	--	--	--	--	--	--

#1	27275	--	--	--	--	--	--
#2	27303	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-6-b Operator: SRP
Run Time: 01/24/12 16:09:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28224	.00200	.00026	.13471	-.00033	.03222	.00002
SDev	.00125	.00022	.00027	.00056	.00002	.00011	.00012
%RSD	.44321	10.889	102.16	.41182	5.0768	.34447	527.07
#1	.28313	.00185	.00045	.13510	-.00035	.03230	.00011
#2	.28136	.00216	.00007	.13432	-.00032	.03214	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.230	.00126	.00038	.01818	.38818	.00357	.00104
SDev	.054	.00007	.00034	.00053	.00346	.00002	.00041
%RSD	.47886	5.5826	87.696	2.8959	.89083	.55583	39.950
#1	11.268	.00121	.00062	.01781	.38574	.00359	.00133
#2	11.192	.00131	.00015	.01856	.39063	.00356	.00074

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00290	2.4903	.38729	.00063	.01643	2.7099	4.1596
SDev	.00146	.0166	.00183	.00029	.00006	.0150	.0193
%RSD	50.534	.66732	.47366	45.102	.36301	.55376	.46334
#1	.00393	2.5020	.38858	.00043	.01639	2.7205	4.1733
#2	.00186	2.4785	.38599	.00084	.01647	2.6993	4.1460

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	14.716	13.728	.10343	-.00089	-.00145	.00686
SDev	.00018	.106	.067	.00042	.00170	.00031	.00069
%RSD	108.57	.71753	.49051	.40573	190.16	21.552	10.050
#1	.00004	14.790	13.776	.10372	.00031	-.00168	.00735
#2	.00030	14.641	13.681	.10313	-.00210	-.00123	.00637

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.04051	.00159	.00076	.00125	.00372
SDev	.00009	.00004	.00117	.00003	.00470	.00015
%RSD	7.7476	.09051	73.792	4.5024	376.23	4.1049
#1	.00108	.04053	.00242	.00078	.00457	.00361
#2	.00121	.04048	.00076	.00073	-.00207	.00383

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/24/12 04:13:45 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27087	--	--	--	--	--	--
SDev	87.68124	--	--	--	--	--	--
%RSD	.3237023	--	--	--	--	--	--
#1	27025	--	--	--	--	--	--
#2	27149	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49237-c-2-a Operator: SRP
Run Time: 01/24/12 16:13:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27672	.00333	.00939	.19074	-.00058	.28987	.00002
SDev	.00023	.00064	.00009	.00054	.00002	.00098	.00002
%RSD	.08313	19.352	.91127	.28465	4.2275	.33898	98.330

#1	.27655	.00288	.00933	.19113	-.00060	.28917	.00001
#2	.27688	.00379	.00945	.19036	-.00056	.29056	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	110.32	.00274	.00022	.01979	.61848	.02328	.00151
SDev	.02	.00029	.00009	.00007	.00677	.00006	.00054
%RSD	.01379	10.519	40.148	.36036	1.0940	.23800	35.924

#1	110.31	.00253	.00029	.01974	.61370	.02332	.00189
#2	110.33	.00294	.00016	.01984	.62327	.02324	.00112

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	11.309	.11867	.06646	.01600	33.718	9.5822
SDev	.00086	.007	.00003	.00044	.00065	.148	.0069
%RSD	52.578	.05957	.02917	.66408	4.0706	.43783	.07221

#1	.00225	11.314	.11870	.06677	.01554	33.822	9.5871
#2	.00103	11.305	.11865	.06614	.01646	33.614	9.5773

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	1002.1	478.47	.88251	-.00211	-.00082	.00471
SDev	.00026	.6	.75	.00196	.00018	.00154	.00002
%RSD	199.42	.06368	.15752	.22197	8.3187	186.80	.51367

#1	-.00032	1002.6	479.00	.88390	-.00223	-.00191	.00473
#2	.00005	1001.7	477.94	.88113	-.00198	.00026	.00470

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00496	.07757	.00238	.00107	.00761	-.00135
SDev	.00047	.00031	.00090	.00126	.00006	.00132
%RSD	9.4209	.39410	37.824	117.76	.80047	98.243

#1	.00463	.07779	.00174	.00196	.00757	-.00041

#2	.00529	.07735	.00301	.00018	.00766	-.00228

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25342	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1534671	--	--	--	--	--	--

#1	25314	--	--	--	--	--	--
#2	25369	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 16:17:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5251	.51491	.49943	.52291	.46256	.50695	.51747
SDev	.0093	.00331	.00007	.00142	.00091	.00102	.00081

%RSD	.36757	.64365	.01320	.27159	.19593	.20190	.15562
#1	2.5317	.51256	.49948	.52391	.46192	.50767	.51690
#2	2.5185	.51725	.49939	.52191	.46320	.50623	.51804

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.171	.47133	.47196	.47807	2.5407	.49183	.49106
SDev	.014	.00116	.00052	.00195	.0011	.00219	.00065
%RSD	.11755	.24625	.11069	.40773	.04181	.44508	.13260
#1	12.161	.47051	.47159	.47945	2.5399	.49338	.49060
#2	12.181	.47216	.47233	.47669	2.5414	.49028	.49152

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49975	4.7494	.47609	.50023	.53978	12.648	.92964
SDev	.00205	.0035	.00023	.00201	.00261	.075	.00211
%RSD	.41046	.07387	.04933	.40264	.48282	.59276	.22730
#1	.49830	4.7470	.47592	.49880	.53794	12.701	.93114
#2	.50120	4.7519	.47625	.50165	.54162	12.595	.92815

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24342	12.900	12.538	.26092	.52370	.49528	.49916
SDev	.00024	.006	.086	.00069	.00614	.00020	.00093
%RSD	.09780	.04847	.68666	.26541	1.1723	.04079	.18697
#1	.24359	12.904	12.599	.26141	.51936	.49514	.49981
#2	.24325	12.896	12.477	.26043	.52804	.49543	.49850

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48399	.51235	.46552	.50383	.48260	.50838

SDev	.00066	.00066	.00021	.00087	.00194	.00211	
%RSD	.13654	.12955	.04477	.17317	.40181	.41454	
#1	.48352	.51188	.46537	.50321	.48123	.50689	
#2	.48445	.51282	.46567	.50445	.48397	.50987	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26940	--	--	--	--	--	--
SDev	.7071068	--	--	--	--	--	--
%RSD	.0026248	--	--	--	--	--	--
#1	26940	--	--	--	--	--	--
#2	26939	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 16:21:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.06048	.00305	.00215	.00040	-.00015	.00198	.00033
SDev	.00028	.00016	.00169	.00010	.00002	.00022	.00021
%RSD	.46273	5.1102	78.509	24.717	13.171	10.937	63.898
#1	.06028	.00316	.00335	.00033	-.00017	.00213	.00018
#2	.06068	.00294	.00096	.00047	-.00014	.00182	.00047

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01423	.00072	.00009	-.00072	.01833	-.00006	.00118
SDev	.00292	.00014	.00016	.00046	.00627	.00016	.00051
%RSD	20.522	19.489	178.95	64.310	34.214	262.72	43.156
#1	.01217	.00082	-.00002	-.00039	.01390	-.00017	.00154
#2	.01630	.00062	.00020	-.00105	.02277	.00005	.00082

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00275	-.00222	.00027	.00091	.00029	-.09533	-.00766
SDev	.00010	.01034	.00003	.00027	.00013	.04618	.00056
%RSD	3.7287	465.46	11.620	29.906	43.412	48.448	7.3073
#1	.00268	-.00954	.00025	.00111	.00020	-.12798	-.00806
#2	.00283	.00509	.00030	.00072	.00038	-.06267	-.00727

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.05710	.00968	.00025	.00182	-.00047	.00047
SDev	.00018	.00647	.00572	.00003	.00041	.00018	.00001
%RSD	35.480	11.325	59.110	12.438	22.589	38.451	2.5327
#1	.00064	.06167	.00563	.00023	.00211	-.00059	.00048
#2	.00038	.05253	.01373	.00028	.00153	-.00034	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.00030	.00195	.00079	.00210	.00308
SDev	.00017	.00006	.00031	.00061	.00237	.00103
%RSD	24.590	21.728	15.924	76.526	112.45	33.421
#1	.00082	.00025	.00217	.00122	.00043	.00381
#2	.00058	.00034	.00173	.00036	.00378	.00235

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27190	--	--	--	--	--	--
SDev	359.9174	--	--	--	--	--	--
%RSD	1.323688	--	--	--	--	--	--
#1	27445	--	--	--	--	--	--
#2	26936	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70738/1-a Operator: SRP
Run Time: 01/24/12 16:25:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04749	.00272	.00234	.00868	-.00039	.00041	.00017
SDev	.00335	.00086	.00397	.00115	.00008	.00086	.00011
%RSD	7.0647	31.809	169.58	13.233	21.805	210.84	63.741
#1	.04512	.00333	-.00047	.00949	-.00045	-.00020	.00009
#2	.04986	.00211	.00515	.00787	-.00033	.00102	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01293	.00030	.00013	.00156	.01207	-.00019	.00111
SDev	.00300	.00005	.00052	.00057	.02105	.00006	.00024
%RSD	23.203	16.642	383.72	36.600	174.36	31.700	21.507
#1	.01081	.00027	-.00023	.00115	-.00281	-.00024	.00094
#2	.01505	.00034	.00050	.00196	.02696	-.00015	.00127

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	-.00478	.00175	.00081	-.00015	-.05101	-.00683
SDev	.00169	.00032	.00008	.00070	.00088	.00447	.00026
%RSD	72.643	6.6982	4.7763	86.551	581.38	8.7660	3.8536
#1	.00351	-.00500	.00169	.00031	-.00077	-.05417	-.00664
#2	.00113	-.00455	.00180	.00131	.00047	-.04785	-.00702

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.04342	.01274	.00052	.00104	.00045	.00019
SDev	.00049	.17601	.00250	.00005	.00089	.00225	.00012

%RSD	299.83	405.40	19.604	8.7696	85.487	500.55	61.766
#1	-.00018	-.08104	.01097	.00049	.00041	.00204	.00011
#2	.00051	.16788	.01450	.00056	.00166	-.00114	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00777	.00356	-.00012	.00617	.00040
SDev	.00001	.00031	.00229	.00150	.00314	.00096
%RSD	1.4407	4.0467	64.381	1215.4	50.973	240.37
#1	.00045	.00755	.00518	-.00119	.00839	.00108
#2	.00046	.00799	.00194	.00094	.00394	-.00028

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26716	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0397021	--	--	--	--	--	--
#1	26708	--	--	--	--	--	--
#2	26723	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70738/2-a Operator: SRP
Run Time: 01/24/12 16:29:13
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7725	1.0188	1.0075	1.0451	.46193	1.0183	.51919
SDev	.0221	.0017	.0056	.0018	.00025	.0003	.00013
%RSD	.22584	.16252	.55829	.17196	.05438	.03040	.02486
#1	9.7881	1.0176	1.0035	1.0464	.46210	1.0181	.51910
#2	9.7569	1.0200	1.0115	1.0438	.46175	1.0185	.51928

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7664	.94016	.94666	.94872	10.016	.48202	.98248
SDev	.0071	.00112	.00126	.00261	.009	.00117	.00127
%RSD	.07236	.11969	.13259	.27495	.09132	.24251	.12877
#1	9.7714	.94096	.94755	.95057	10.022	.48285	.98158
#2	9.7614	.93937	.94578	.94688	10.009	.48119	.98337

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98957	9.4912	.95408	.99593	1.0732	10.050	.90505
SDev	.00212	.0120	.00079	.00034	.0044	.034	.00276
%RSD	.21441	.12593	.08321	.03458	.40922	.33935	.30490
#1	.99107	9.4996	.95464	.99569	1.0763	10.074	.90700
#2	.98807	9.4827	.95352	.99618	1.0701	10.026	.90310

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48733	9.6365	9.9419	.52135	1.0565	.97382	.98620
SDev	.00046	.0560	.0351	.00112	.0057	.00103	.00010
%RSD	.09445	.58147	.35342	.21410	.54277	.10616	.01017
#1	.48765	9.6761	9.9668	.52214	1.0525	.97308	.98627
#2	.48700	9.5969	9.9171	.52056	1.0606	.97455	.98613

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96274	1.0232	.92585	1.0108	.95196	1.0084
SDev	.00078	.0009	.00284	.0005	.00354	.0014
%RSD	.08066	.08679	.30657	.04733	.37230	.13987
#1	.96328	1.0238	.92385	1.0105	.95447	1.0094
#2	.96219	1.0226	.92786	1.0111	.94946	1.0074

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26632	--	--	--	--	--	--
SDev	26.87006	--	--	--	--	--	--
%RSD	.1008939	--	--	--	--	--	--
#1	26613	--	--	--	--	--	--
#2	26651	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49260-d-1-b Operator: SRP

Run Time: 01/24/12 16:33:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18085	.00313	.00488	.24870	-.00058	.36961	-.00002
SDev	.00516	.00132	.00352	.00059	.00003	.00033	.00018
%RSD	2.8512	42.068	72.211	.23511	4.2816	.08848	1094.5
#1	.18450	.00406	.00737	.24912	-.00057	.36938	.00011
#2	.17721	.00220	.00239	.24829	-.00060	.36984	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	60.176	.00052	.00099	.00658	1.0501	.03510	.00548
SDev	.076	.00035	.00036	.00012	.0246	.00012	.00100
%RSD	.12691	66.254	36.521	1.8006	2.3431	.33231	18.334
#1	60.230	.00077	.00125	.00650	1.0675	.03518	.00477
#2	60.122	.00028	.00073	.00666	1.0327	.03502	.00619

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	18.880	.07854	.25111	.00671	110.04	3.8429
SDev	.00090	.037	.00026	.00136	.00015	.30	.0059
%RSD	64.654	.19549	.33612	.54206	2.2268	.27270	.15230

#1	.00076	18.906	.07873	.25208	.00682	110.25	3.8471
#2	.00204	18.854	.07835	.25015	.00661	109.83	3.8388

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	553.14	336.83	1.1088	.00428	-.00070	.00043
SDev	.00006	.91	.44	.0020	.00479	.00029	.00032
%RSD	64.682	.16539	.12953	.18060	111.89	41.841	74.919
#1	.00014	553.79	337.14	1.1102	.00766	-.00049	.00066
#2	.00005	552.49	336.52	1.1073	.00089	-.00090	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00942	.02678	.00627	.00508	.00346	.00037
SDev	.00007	.00002	.00075	.00113	.00398	.00063
%RSD	.71005	.08676	11.963	22.261	114.82	172.17
#1	.00937	.02680	.00574	.00428	.00065	.00081
#2	.00947	.02676	.00680	.00588	.00627	-.00008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25364	--	--	--	--	--	--
SDev	56.56854	--	--	--	--	--	--
%RSD	.2230269	--	--	--	--	--	--
#1	25324	--	--	--	--	--	--
#2	25404	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49260-d-1-c du Operator: SRP
Run Time: 01/24/12 16:36:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18914	.00386	.00630	.24782	-.00058	.36350	.00011
SDev	.00184	.00016	.00023	.00012	.00000	.00059	.00022
%RSD	.97108	4.1325	3.6698	.05009	.07794	.16203	197.91
#1	.19044	.00398	.00613	.24773	-.00058	.36392	.00026
#2	.18785	.00375	.00646	.24791	-.00059	.36309	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	59.241	.00073	.00099	.00709	1.0979	.03465	.00560
SDev	.230	.00011	.00027	.00002	.0199	.00007	.00080
%RSD	.38760	14.410	27.366	.22738	1.8141	.19024	14.242
#1	59.403	.00065	.00118	.00708	1.1120	.03460	.00617
#2	59.079	.00080	.00080	.00710	1.0838	.03470	.00504

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00411	18.595	.07976	.24811	.00606	109.09	3.8190
SDev	.00331	.064	.00014	.00097	.00015	.24	.0040
%RSD	80.414	.34166	.17760	.38906	2.5613	.22422	.10539
#1	.00177	18.640	.07986	.24879	.00617	108.92	3.8161
#2	.00645	18.550	.07966	.24743	.00595	109.27	3.8218

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	545.97	333.65	1.0972	.00089	.00018	.00042
SDev	.00026	.35	.64	.0011	.00188	.00185	.00006
%RSD	135.24	.06363	.19158	.09677	211.73	1013.3	14.691
#1	.00037	545.73	334.10	1.0964	-.00044	-.00112	.00038
#2	.00001	546.22	333.20	1.0979	.00221	.00149	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00938	.02857	.00633	.00524	.00575	.00329
SDev	.00007	.00008	.00009	.00115	.00532	.00230
%RSD	.78541	.28691	1.4693	21.963	92.612	69.766
#1	.00933	.02863	.00640	.00605	.00198	.00167
#2	.00943	.02852	.00627	.00443	.00951	.00492

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25397	--	--	--	--	--	--
SDev	45.25483	--	--	--	--	--	--
%RSD	.1781897	--	--	--	--	--	--

#1	25365	--	--	--	--	--	--
#2	25429	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49260-d-1-d ms Operator: SRP
Run Time: 01/24/12 16:40:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.627	1.0940	1.0852	1.3141	.47549	1.4517	.52764
SDev	.030	.0004	.0002	.0006	.00085	.0017	.00046
%RSD	.28018	.03445	.02149	.04544	.17873	.11453	.08765
#1	10.606	1.0943	1.0850	1.3136	.47609	1.4505	.52797
#2	10.648	1.0938	1.0853	1.3145	.47489	1.4528	.52732

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.652	.95436	.97333	.99920	11.553	.66684	1.0121
SDev	.076	.00095	.00094	.00041	.032	.00147	.0020
%RSD	.10815	.09928	.09700	.04065	.28089	.22109	.20130

#1	70.706	.95503	.97400	.99891	11.576	.66579	1.0135
#2	70.598	.95369	.97267	.99949	11.530	.66788	1.0106

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0679	28.581	1.0539	1.3010	1.0895	123.02	5.0071
SDev	.0013	.015	.0008	.0003	.0011	.30	.0063
%RSD	.12009	.05339	.07878	.02124	.10105	.24206	.12547
#1	1.0670	28.592	1.0545	1.3008	1.0903	122.80	5.0027
#2	1.0688	28.570	1.0533	1.3012	1.0887	123.23	5.0116

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51117	577.42	346.45	1.6710	1.1167	1.0368	1.0086
SDev	.00124	1.18	.43	.0010	.0094	.0044	.0002
%RSD	.24199	.20350	.12454	.06020	.84398	.42805	.01651
#1	.51205	576.59	346.14	1.6703	1.1100	1.0400	1.0085
#2	.51030	578.25	346.75	1.6717	1.1233	1.0337	1.0087

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0009	1.1020	.94933	1.0435	1.0295	1.0870
SDev	.0010	.0005	.00513	.0005	.0051	.0006
%RSD	.10438	.04665	.54041	.04704	.49157	.05582
#1	1.0017	1.1024	.95296	1.0438	1.0260	1.0875
#2	1.0002	1.1017	.94570	1.0431	1.0331	1.0866

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	25440	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1250803	--	--	--	--	--	--
#1	25462	--	--	--	--	--	--
#2	25417	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49260-d-1-e msd Operator: SRP
Run Time: 01/24/12 16:44:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.575	1.0840	1.0712	1.3031	.46753	1.4325	.51903
SDev	.046	.0042	.0008	.0050	.00048	.0063	.00107
%RSD	.43387	.38890	.07240	.38245	.10174	.43891	.20580
#1	10.543	1.0810	1.0707	1.2996	.46719	1.4280	.51827
#2	10.608	1.0870	1.0718	1.3066	.46786	1.4369	.51978

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.044	.93818	.95808	.99199	11.517	.66154	.99783
SDev	.078	.00137	.00213	.00366	.008	.00319	.00020
%RSD	.11316	.14594	.22223	.36909	.06570	.48284	.01981
#1	68.989	.93721	.95658	.98940	11.522	.65929	.99769
#2	69.099	.93915	.95959	.99458	11.512	.66380	.99797

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0555	28.038	1.0397	1.2843	1.0676	121.82	4.9610
SDev	.0053	.070	.0020	.0058	.0046	.52	.0200
%RSD	.49956	.24792	.19074	.44949	.42620	.42661	.40296
#1	1.0518	27.989	1.0383	1.2802	1.0644	121.45	4.9469
#2	1.0592	28.087	1.0411	1.2884	1.0708	122.19	4.9752

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50535	568.96	343.47	1.6498	1.1050	1.0194	.99659
SDev	.00188	2.22	.98	.0061	.0082	.0021	.00280
%RSD	.37311	.39015	.28674	.36924	.74137	.21030	.28041
#1	.50402	567.39	342.77	1.6455	1.0992	1.0179	.99461
#2	.50668	570.53	344.16	1.6541	1.1108	1.0209	.99856

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98738	1.0848	.93393	1.0298	1.0211	1.0727
SDev	.00224	.0026	.00171	.0012	.0097	.0031
%RSD	.22639	.23969	.18344	.11198	.94958	.28538
#1	.98580	1.0829	.93514	1.0290	1.0142	1.0705
#2	.98896	1.0866	.93272	1.0306	1.0279	1.0749

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25266	--	--	--	--	--	--
SDev	81.31728	--	--	--	--	--	--
%RSD	.3218511	--	--	--	--	--	--
#1	25323	--	--	--	--	--	--
#2	25208	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49257-a-1-a Operator: SRP
Run Time: 01/24/12 16:48:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15513	.00312	.00675	.11006	-.00090	.08391	-.00004
SDev	.00110	.00096	.00358	.00027	.00001	.00097	.00009

%RSD	.70724	30.869	52.972	.24556	.66813	1.1578	199.59
#1	.15435	.00380	.00422	.11026	-.00090	.08460	.00002
#2	.15590	.00244	.00928	.10987	-.00089	.08323	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1087.2	.00152	.00018	.00021	.31421	.01764	-.00040
SDev	3.4	.00062	.00011	.00049	.00110	.00000	.00133
%RSD	.31141	41.202	57.922	238.13	.35045	.01095	330.38
#1	1089.6	.00107	.00026	-.00014	.31343	.01765	-.00134
#2	1084.8	.00196	.00011	.00056	.31498	.01764	.00054

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00310	21.359	.06802	.01287	.01080	18.728	5.6234
SDev	.00057	.077	.00023	.00210	.00043	.060	.0199
%RSD	18.456	.36112	.33778	16.321	4.0169	.32210	.35461
#1	.00350	21.414	.06818	.01435	.01111	18.770	5.6375
#2	.00269	21.305	.06785	.01138	.01049	18.685	5.6093

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00071	5072.1	886.90	3.1896	.00826	-.00040	-.00791
SDev	.00004	14.7	2.22	.0102	.00018	.00169	.00005
%RSD	5.1059	.28903	.25032	.31984	2.1555	426.20	.59005
#1	-.00068	5082.5	888.47	3.1968	.00838	-.00159	-.00795
#2	-.00073	5061.7	885.33	3.1824	.00813	.00080	-.00788

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00282	.01704	-.00169	.00024	.01203	-.00137
SDev	.00031	.00009	.00028	.00213	.00097	.00037
%RSD	11.119	.51945	16.671	884.95	8.0892	27.023
#1	.00260	.01710	-.00149	-.00127	.01272	-.00111
#2	.00304	.01697	-.00189	.00175	.01134	-.00163

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	21448	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1846232	--	--	--	--	--	--
#1	21420	--	--	--	--	--	--
#2	21476	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49257-a-1-a@10 Operator: SRP
Run Time: 01/24/12 16:52:19
Comment: TRACE 61E

Analysis Report 01/24/12 04:56:07 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06328	.00059	.00181	.01121	-.00060	.00970	.00003
SDev	.00444	.00153	.00186	.00020	.00003	.00013	.00014
%RSD	7.0193	257.72	102.68	1.8079	5.8377	1.2944	448.63
#1	.06014	.00168	.00050	.01107	-.00057	.00961	.00013
#2	.06642	-.00049	.00312	.01136	-.00062	.00979	-.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	140.06	.00025	.00017	-.00120	.03972	.00150	-.00008
SDev	2.02	.00018	.00035	.00017	.00746	.00007	.00023
%RSD	1.4411	70.680	199.91	13.824	18.783	4.8559	288.39
#1	138.63	.00038	-.00007	-.00131	.04499	.00145	.00008
#2	141.49	.00013	.00042	-.00108	.03444	.00155	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00133	2.3384	.00713	.00129	.00158	1.0638	.52301
SDev	.00142	.0334	.00010	.00013	.00012	.0414	.00659
%RSD	106.27	1.4302	1.4047	10.163	7.8280	3.8887	1.2593
#1	-.00033	2.3147	.00706	.00139	.00149	1.0345	.51835
#2	-.00234	2.3620	.00720	.00120	.00167	1.0930	.52767

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	431.18	282.09	.31383	.00423	-.00342	-.00069
SDev	.00023	5.68	4.57	.00483	.00067	.00024	.00009
%RSD	2959.6	1.3184	1.6191	1.5384	15.769	6.8853	12.901
#1	.00016	427.16	278.86	.31042	.00376	-.00359	-.00063
#2	-.00017	435.20	285.32	.31724	.00470	-.00326	-.00076

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00309	-.00032	.00004	.00263	-.00331
SDev	.00019	.00009	.00195	.00131	.00039	.00232
%RSD	40.369	2.9870	610.63	3153.9	14.988	70.083

#1	.00034	.00302	-.00170	.00097	.00235	-.00167
#2	.00061	.00315	.00106	-.00089	.00291	-.00496

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25777	--	--	--	--	--	--
SDev	359.2102	--	--	--	--	--	--
%RSD	1.393530	--	--	--	--	--	--
#1	26031	--	--	--	--	--	--
#2	25523	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49258-b-1-a Operator: SRP
Run Time: 01/24/12 16:56:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19703	.00087	.00474	.31166	-.00080	.53405	-.00001
SDev	.01078	.00504	.00643	.00045	.00005	.00580	.00015
%RSD	5.4736	581.72	135.65	.14326	5.7443	1.0853	1452.5
#1	.18940	-.00270	.00019	.31135	-.00084	.52995	-.00012
#2	.20465	.00443	.00929	.31198	-.00077	.53815	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.183	.00038	.00140	.00154	.15148	.07283	-.00076
SDev	.646	.00192	.00010	.00113	.00604	.00010	.00083
%RSD	1.0067	500.80	6.9491	73.487	3.9902	.14199	108.61
#1	63.726	-.00098	.00147	.00074	.15575	.07290	-.00135
#2	64.640	.00174	.00133	.00234	.14720	.07276	-.00018

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09744	25.597	.12642	.04785	.00447	79.537	4.3056
SDev	.00119	.210	.00109	.00168	.00024	.237	.0464
%RSD	1.2251	.81871	.85967	3.5141	5.3787	.29820	1.0785
#1	.09659	25.449	.12565	.04666	.00464	79.704	4.2728
#2	.09828	25.745	.12719	.04904	.00430	79.369	4.3384

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	1654.6	625.94	1.9076	.00311	-.00165	-.00020
SDev	.00017	1.1	1.07	.0079	.00193	.00190	.00049
%RSD	85.824	.06851	.17159	.41306	61.852	115.14	250.39
#1	.00032	1655.4	625.18	1.9020	.00447	-.00031	-.00054
#2	.00008	1653.8	626.70	1.9132	.00175	-.00299	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.01437	.05369	.00570	-.00399	.10853	.09189
SDev	.00146	.00027	.00630	.00439	.00792	.00575
%RSD	10.199	.50966	110.41	109.90	7.3021	6.2612
#1	.01333	.05350	.01016	-.00710	.11414	.08782
#2	.01540	.05388	.00125	-.00089	.10293	.09595

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24104	--	--	--	--	--	--

SDev	99.70206	--	--	--	--	--	--
%RSD	.4136414	--	--	--	--	--	--
#1	24033	--	--	--	--	--	--
#2	24174	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49248-g-1-a Operator: SRP
Run Time: 01/24/12 17:00:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13321	.00423	-.00153	.08149	-.00075	.21229	-.00014
SDev	.00409	.00437	.00154	.00001	.00005	.00122	.00004
%RSD	3.0704	103.19	100.86	.01197	7.0249	.57423	26.628
#1	.13610	.00732	-.00044	.08150	-.00071	.21315	-.00011
#2	.13032	.00114	-.00261	.08148	-.00078	.21143	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	246.17	.00009	.00050	-.00022	.22655	.09866	.00086
SDev	2.38	.00055	.00005	.00037	.01080	.00010	.00060
%RSD	.96558	594.94	9.1816	172.47	4.7656	.10250	68.889
#1	247.85	.00048	.00053	.00005	.23418	.09858	.00044
#2	244.48	-.00030	.00047	-.00048	.21891	.09873	.00128

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00185	112.10	.20609	.00229	.00190	2.7019	10.704
SDev	.00335	.79	.00139	.00019	.00042	.0277	.055
%RSD	180.88	.70609	.67251	8.1080	21.819	1.0253	.51757
#1	.00422	112.66	.20707	.00216	.00220	2.7215	10.744
#2	-.00052	111.54	.20511	.00242	.00161	2.6824	10.665

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	679.36	387.99	1.9116	-.00086	-.00082	.00091
SDev	.00013	.29	1.74	.0026	.00061	.00120	.00042
%RSD	19.562	.04280	.44774	.13445	71.058	146.50	45.683
#1	-.00058	679.57	389.22	1.9135	-.00043	.00003	.00062
#2	-.00076	679.15	386.77	1.9098	-.00130	-.00167	.00121

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00252	.00469	-.00451	.00355	.00166	.00195
SDev	.00030	.00009	.00547	.00184	.00607	.00806
%RSD	11.850	1.9656	121.12	51.844	365.45	413.83
#1	.00274	.00475	-.00838	.00485	-.00263	.00765
#2	.00231	.00462	-.00065	.00225	.00595	-.00375

Analysis Report 01/24/12 05:03:49 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24564	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.2187759	--	--	--	--	--	--
#1	24526	--	--	--	--	--	--
#2	24602	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 17:03:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5638	.52664	.51236	.53556	.46286	.52107	.53139
SDev	.0017	.00154	.00079	.00143	.00008	.00223	.00096
%RSD	.06457	.29222	.15419	.26697	.01780	.42838	.18071
#1	2.5649	.52556	.51180	.53657	.46280	.51949	.53071
#2	2.5626	.52773	.51291	.53455	.46292	.52265	.53207

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.289	.47432	.47536	.47949	2.5608	.50212	.50012
SDev	.013	.00044	.00022	.00174	.0159	.00000	.00148
%RSD	.10654	.09371	.04536	.36213	.61915	.00050	.29507
#1	12.280	.47401	.47521	.48072	2.5496	.50212	.50116
#2	12.298	.47464	.47551	.47827	2.5720	.50211	.49907

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50803	4.8033	.48223	.50876	.54992	12.950	.94564
SDev	.00426	.0047	.00022	.00477	.00052	.017	.00520
%RSD	.83941	.09863	.04529	.93818	.09442	.12846	.55010
#1	.50501	4.8067	.48239	.50539	.55029	12.962	.94931
#2	.51104	4.8000	.48208	.51214	.54955	12.938	.94196

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24541	12.980	12.794	.26675	.53817	.49990	.50624
SDev	.00023	.048	.010	.00046	.00258	.00056	.00028
%RSD	.09541	.36624	.08172	.17304	.47904	.11197	.05447

#1	.24524	12.947	12.801	.26707	.53634	.50029	.50643
#2	.24557	13.014	12.786	.26642	.53999	.49950	.50604

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48817	.52223	.47297	.51369	.49237	.51591
SDev	.00019	.00026	.00469	.00013	.00016	.00647
%RSD	.03887	.04902	.99075	.02519	.03199	1.2551

Analysis Report Blank Sample 01/24/12 05:07:39 PM page 18

#1	.48830	.52241	.47628	.51360	.49248	.51133
#2	.48804	.52204	.46965	.51378	.49226	.52049

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26091	--	--	--	--	--	--
SDev	132.9361	--	--	--	--	--	--
%RSD	.5095093	--	--	--	--	--	--
#1	25997	--	--	--	--	--	--
#2	26185	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 17:07:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07094	.00225	.00096	.00045	-.00022	.00165	.00029
SDev	.00116	.00209	.00046	.00005	.00011	.00009	.00009
%RSD	1.6333	92.896	48.289	10.847	47.458	5.7060	29.578
#1	.07176	.00372	.00063	.00042	-.00030	.00172	.00023
#2	.07012	.00077	.00129	.00049	-.00015	.00159	.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01523	.00031	.00040	-.00113	.00536	.00013	.00072
SDev	.00356	.00031	.00031	.00000	.00253	.00009	.00014
%RSD	23.372	100.37	76.854	.18242	47.295	65.884	19.638
#1	.01271	.00052	.00018	-.00113	.00715	.00007	.00062
#2	.01775	.00009	.00061	-.00113	.00356	.00020	.00082

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00248	.01121	.00033	.00142	.00044	-.02255	-.00392
SDev	.00063	.00147	.00003	.00101	.00003	.00613	.00249
%RSD	25.278	13.131	8.9004	71.312	6.5694	27.203	63.588
#1	.00292	.01017	.00031	.00214	.00046	-.02689	-.00215
#2	.00204	.01226	.00035	.00070	.00042	-.01821	-.00568

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.02859	.03465	.00027	.00221	-.00057	.00029

SDev	.00047	.01046	.00470	.00006	.00226	.00106	.00007
%RSD	175.94	36.599	13.554	22.889	102.43	186.27	23.227
#1	.00060	.03599	.03133	.00023	.00381	.00018	.00025
#2	-.00007	.02119	.03797	.00032	.00061	-.00132	.00034

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report Blank Sample 01/24/12 05:11:31 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00035	.00194	.00012	.00567	.00088
SDev	.00018	.00007	.00007	.00018	.00063	.00063
%RSD	29.275	18.656	3.4766	154.36	11.024	71.011
#1	.00048	.00031	.00189	-.00001	.00611	.00133
#2	.00072	.00040	.00198	.00024	.00523	.00044

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26176	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.1107577	--	--	--	--	--	--
#1	26196	--	--	--	--	--	--
#2	26155	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49260-d-1-b Operator: SRP
Run Time: 01/24/12 17:11:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.228	1.0759	1.0553	1.2877	.45029	1.4179	.51622
SDev	.019	.0009	.0011	.0000	.00066	.0022	.00116
%RSD	.18792	.08331	.10389	.00253	.14723	.15530	.22514
#1	10.241	1.0753	1.0561	1.2878	.44982	1.4163	.51540
#2	10.214	1.0766	1.0545	1.2877	.45075	1.4194	.51704

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.962	.92316	.93046	.95663	10.743	1.2883	.98455
SDev	.072	.00176	.00033	.00022	.017	.0021	.00195
%RSD	.10512	.19082	.03572	.02300	.15812	.16350	.19805
#1	68.911	.92191	.93023	.95679	10.755	1.2898	.98317
#2	69.013	.92441	.93070	.95648	10.731	1.2868	.98593

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0230	27.755	1.0262	1.2501	1.0690	121.95	5.3144
SDev	.0049	.047	.0016	.0099	.0042	.30	.0317
%RSD	.47572	.16818	.15856	.79428	.39513	.24599	.59609
#1	1.0196	27.722	1.0251	1.2431	1.0720	122.17	5.2920
#2	1.0265	27.788	1.0274	1.2572	1.0661	121.74	5.3368

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48888	564.64	345.50	1.6445	1.0832	1.0015	.97943
SDev	.00011	1.40	.62	.0001	.0080	.0034	.00128
%RSD	.02160	.24714	.18055	.00744	.73606	.34218	.13064

#1	.48880	565.63	345.94	1.6444	1.0776	.99912	.97852
#2	.48895	563.65	345.06	1.6446	1.0889	1.0040	.98033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95772	1.0719	.91992	1.0169	.99276	1.0381
SDev	.00030	.0015	.00066	.0026	.00336	.0056
%RSD	.03161	.14339	.07157	.25527	.33895	.54112
#1	.95751	1.0708	.91945	1.0150	.99038	1.0342
#2	.95794	1.0729	.92038	1.0187	.99514	1.0421

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24940	--	--	--	--	--	--
SDev	64.34672	--	--	--	--	--	--
%RSD	.2580113	--	--	--	--	--	--
#1	24985	--	--	--	--	--	--
#2	24894	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49260-d-1-b Operator: SRP
Run Time: 01/24/12 17:15:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11947	.00567	.00235	.05692	-.00054	.08311	.00006
SDev	.00018	.00126	.00117	.00006	.00001	.00078	.00006
%RSD	.15377	22.255	49.866	.10646	1.3446	.94043	91.426
#1	.11934	.00656	.00318	.05697	-.00055	.08366	.00010
#2	.11960	.00478	.00152	.05688	-.00054	.08255	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.789	.00029	-.00001	.00044	.24298	.00691	.00264
SDev	.019	.00003	.00018	.00044	.01682	.00001	.00100
%RSD	.13461	9.0587	1416.3	101.35	6.9221	.09563	37.971
#1	13.803	.00027	.00011	.00075	.25487	.00690	.00193
#2	13.776	.00031	-.00014	.00012	.23109	.00691	.00335

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00240	4.3315	.01775	.06002	.00207	22.474	.85587
SDev	.00148	.0052	.00002	.00173	.00005	.046	.00677
%RSD	61.749	.12001	.13804	2.8751	2.2077	.20595	.79147
#1	.00345	4.3351	.01776	.06124	.00210	22.507	.86066
#2	.00135	4.3278	.01773	.05880	.00204	22.441	.85108

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 01/24/12 05:19:13 PM page 21

Avge	.00006	102.21	88.804	.25088	.00040	-.00110	.00026
SDev	.00019	.21	.041	.00006	.00017	.00004	.00011
%RSD	299.06	.20981	.04642	.02468	42.393	4.0255	43.995
#1	.00020	102.37	88.833	.25092	.00052	-.00113	.00034
#2	-.00007	102.06	88.775	.25083	.00028	-.00107	.00018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	.00721	.00402	.00195	.00761	-.00021
SDev	.00020	.00010	.00044	.00128	.00008	.00226
%RSD	8.4946	1.3872	11.039	65.751	1.0562	1095.3
#1	.00250	.00728	.00370	.00104	.00756	.00139
#2	.00221	.00714	.00433	.00285	.00767	-.00181

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25939	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1853705	--	--	--	--	--	--
#1	25973	--	--	--	--	--	--
#2	25905	--	--	--	--	--	--

Analysis Report Blank Sample 01/24/12 05:23:17 PM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 17:19:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5119	.52615	.50831	.52713	.46167	.51707	.53549
SDev	.0402	.00930	.00881	.00888	.00619	.00531	.00728
%RSD	1.6003	1.7670	1.7322	1.6853	1.3411	1.0275	1.3598
#1	2.5403	.53272	.51453	.53341	.46605	.52083	.54064
#2	2.4835	.51957	.50208	.52085	.45729	.51332	.53034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.346	.47357	.47466	.46827	2.5932	.49435	.49784
SDev	.154	.00707	.00664	.00800	.0350	.00814	.01187
%RSD	1.2507	1.4918	1.3985	1.7073	1.3507	1.6477	2.3852
#1	12.455	.47857	.47935	.47393	2.6180	.50011	.50624
#2	12.237	.46858	.46997	.46262	2.5685	.48859	.48944

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50063	4.7954	.48073	.50663	.55329	12.745	.92674

SDev	.01396	.0648	.00624	.00820	.00100	.238	.01698
%RSD	2.7881	1.3515	1.2976	1.6193	.18140	1.8684	1.8324
#1	.51050	4.8412	.48514	.51244	.55400	12.913	.93875
#2	.49076	4.7496	.47632	.50083	.55258	12.577	.91473

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24299	12.833	12.537	.26340	.53740	.50334	.50195
SDev	.00366	.041	.208	.00438	.00422	.00572	.00761
%RSD	1.5049	.31715	1.6623	1.6625	.78593	1.1373	1.5154
#1	.24557	12.862	12.684	.26650	.54039	.50738	.50733
#2	.24040	12.804	12.389	.26031	.53441	.49929	.49658

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48493	.52146	.46949	.51201	.49176	.50512
SDev	.00680	.00736	.00773	.01395	.01084	.01551
%RSD	1.4022	1.4112	1.6473	2.7235	2.2052	3.0716
#1	.48973	.52667	.47496	.52188	.49942	.51609
#2	.48012	.51626	.46402	.50215	.48409	.49415

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26104	--	--	--	--	--	--
SDev	254.5584	--	--	--	--	--	--
%RSD	.9751703	--	--	--	--	--	--

#1	25924	--	--	--	--	--	--
#2	26284	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 17:23:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07012	.00161	-.00101	.00047	-.00015	.00292	.00029
SDev	.00219	.00015	.00102	.00003	.00002	.00015	.00018
%RSD	3.1300	9.1023	101.40	6.8349	15.850	5.0665	64.073
#1	.06857	.00171	-.00029	.00045	-.00013	.00303	.00042
#2	.07167	.00150	-.00173	.00050	-.00017	.00282	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01430	.00067	.00015	-.00102	.00184	.00023	.00079
SDev	.00079	.00000	.00057	.00017	.00945	.00002	.00063
%RSD	5.5212	.04959	371.70	16.684	512.80	6.6534	79.389
#1	.01485	.00067	.00055	-.00090	.00853	.00022	.00035
#2	.01374	.00067	-.00025	-.00114	-.00484	.00024	.00123

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00220	.02363	.00036	.00169	.00067	.04569	-.00891
SDev	.00005	.00075	.00003	.00152	.00059	.00118	.00050
%RSD	2.3814	3.1651	7.8851	89.767	88.751	2.5769	5.5895
#1	.00216	.02416	.00034	.00276	.00109	.04486	-.00855
#2	.00224	.02310	.00039	.00062	.00025	.04652	-.00926

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.02238	.02907	.00027	.00044	-.00062	.00041
SDev	.00047	.09466	.00017	.00001	.00300	.00177	.00007
%RSD	344.82	422.95	.59840	3.7860	676.30	286.26	17.853
#1	.00047	.08932	.02894	.00026	.00256	.00063	.00046
#2	-.00020	-.04455	.02919	.00027	-.00168	-.00186	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00030	.00070	.00083	-.00042	.00351
SDev	.00011	.00005	.00181	.00185	.00230	.00107
%RSD	19.855	16.959	259.00	221.06	552.57	30.506
#1	.00061	.00026	.00198	-.00047	-.00204	.00426
#2	.00046	.00033	-.00058	.00214	.00121	.00275

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/24/12 05:27:09 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26270	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--
%RSD	.0538338	--	--	--	--	--	--
#1	26280	--	--	--	--	--	--
#2	26260	--	--	--	--	--	--

Analysis Report 01/24/12 05:33:25 PM page 1

Method: 20076010 Sample Name: mb 600-70423/1-a Operator: SRP
Run Time: 01/24/12 17:29:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05956	.00355	.00003	.00129	-.00052	.00040	-.00008
SDev	.00060	.00032	.00131	.00002	.00000	.00044	.00010
%RSD	1.0116	8.8578	4667.3	1.8766	.43644	110.03	129.40
#1	.05999	.00378	-.00090	.00130	-.00051	.00071	-.00001
#2	.05914	.00333	.00096	.00127	-.00052	.00009	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01401	.00022	-.00020	-.00061	.00392	-.00017	.00048

SDev	.00011	.00028	.00000	.00032	.00528	.00002	.00028
%RSD	.77192	130.82	1.9103	52.090	134.61	10.525	58.105
#1	-.01409	.00042	-.00020	-.00039	.00019	-.00015	.00028
#2	-.01393	.00002	-.00019	-.00084	.00765	-.00018	.00067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	-.00147	.00010	.00067	-.00007	-.02083	-.00796
SDev	.00062	.00547	.00000	.00048	.00026	.01437	.00040
%RSD	51.206	373.09	.45016	72.465	402.01	69.003	5.0541
#1	.00078	.00240	.00010	.00101	.00012	-.01066	-.00825
#2	.00166	-.00534	.00010	.00032	-.00025	-.03099	-.00768

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00090	.01741	.00003	-.00210	.00040	-.00002
SDev	.00009	.05341	.00005	.00000	.00171	.00035	.00002
%RSD	16418.	5963.4	.29333	2.5322	81.166	87.427	144.36
#1	.00007	.03866	.01737	.00003	-.00331	.00066	.00000
#2	-.00007	-.03687	.01745	.00003	-.00090	.00015	-.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00407	.00226	-.00041	.00438	-.00036
SDev	.00019	.00005	.00158	.00038	.00232	.00022
%RSD	94.577	1.2534	70.043	90.593	52.960	61.869
#1	.00034	.00403	.00114	-.00015	.00274	-.00020
#2	.00007	.00410	.00337	-.00068	.00602	-.00052

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26049	--	--	--	--	--	--
SDev	91.92388	--	--	--	--	--	--
%RSD	.3528884	--	--	--	--	--	--

#1	25984	--	--	--	--	--	--
#2	26114	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70423/2-a Operator: SRP
Run Time: 01/24/12 17:33:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.045	1.0709	1.0422	1.0906	.46769	1.0636	.54474
SDev	.019	.0033	.0031	.0036	.00198	.0028	.00273
%RSD	.19165	.30614	.29398	.32755	.42276	.26397	.50039
#1	10.058	1.0732	1.0444	1.0931	.46909	1.0656	.54667
#2	10.031	1.0685	1.0400	1.0881	.46629	1.0616	.54281

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.049	.96409	.96755	.96007	10.374	.50342	1.0190
SDev	.042	.00439	.00428	.00334	.046	.00098	.0049
%RSD	.41965	.45525	.44274	.34746	.43973	.19474	.48506
#1	10.079	.96719	.97058	.96242	10.406	.50411	1.0225
#2	10.019	.96098	.96452	.95771	10.342	.50273	1.0155

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0241	9.7096	.98088	1.0335	1.1748	10.584	.92757
SDev	.0103	.0385	.00471	.0026	.0118	.022	.00313
%RSD	1.0063	.39635	.48051	.25525	1.0021	.21081	.33686
#1	1.0313	9.7368	.98421	1.0316	1.1831	10.600	.92978
#2	1.0168	9.6824	.97754	1.0354	1.1665	10.568	.92536

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49939	10.021	10.376	.54401	1.0987	1.0073	1.0193
SDev	.00241	.091	.008	.00134	.0021	.0015	.0040
%RSD	.48210	.90757	.07892	.24694	.19223	.15105	.39494
#1	.50110	10.086	10.382	.54496	1.1002	1.0084	1.0222
#2	.49769	9.9569	10.371	.54306	1.0972	1.0062	1.0165

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98508	1.0580	.95018	1.0534	.98206	1.0451
SDev	.00335	.0044	.00271	.0061	.01051	.0102
%RSD	.34020	.41355	.28564	.57500	1.0699	.97636
#1	.98745	1.0611	.95210	1.0577	.98949	1.0523
#2	.98271	1.0549	.94826	1.0491	.97463	1.0378

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/24/12 05:37:16 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26030	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.3748780	--	--	--	--	--	--
#1	25961	--	--	--	--	--	--
#2	26099	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-1-a Operator: SRP
Run Time: 01/24/12 17:37:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09120	.00314	.01885	.02750	-.00072	.83719	.00010
SDev	.00252	.00174	.00186	.00010	.00001	.00254	.00007
%RSD	2.7664	55.385	9.8480	.35731	1.5402	.30318	67.538

#1	.09299	.00437	.02016	.02757	-.00073	.83898	.00005
#2	.08942	.00191	.01753	.02743	-.00071	.83539	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	362.69	.00031	.01854	.00039	13.074	.19170	.00079
SDev	1.30	.00036	.00057	.00030	.026	.00042	.00057
%RSD	.35729	117.16	3.0576	77.728	.20116	.22127	72.900

#1	363.61	.00056	.01814	.00060	13.093	.19200	.00038
#2	361.78	.00005	.01894	.00018	13.056	.19140	.00119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00089	53.299	7.1084	.00425	.02013	7.4826	9.7006
SDev	.00004	.179	.0264	.00191	.00024	.0194	.0324
%RSD	4.7541	.33599	.37196	44.904	1.1724	.25902	.33365

#1	-.00086	53.426	7.1271	.00559	.01997	7.4963	9.7235
#2	-.00092	53.173	7.0897	.00290	.02030	7.4689	9.6777

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	439.47	296.61	4.2016	.00227	.00006	-.00193
SDev	.00058	1.30	.81	.0124	.00175	.00132	.00019
%RSD	137.25	.29633	.27459	.29493	77.152	2338.8	9.6682

#1	-.00083	440.39	297.19	4.2103	.00351	-.00088	-.00180
#2	-.00001	438.55	296.03	4.1928	.00103	.00099	-.00207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00856	-.00053	.00144	-.00689	.00211
SDev	.00042	.00001	.00311	.00069	.00434	.00223
%RSD	44.081	.15632	589.40	48.151	62.989	105.73

#1	.00125	.00855	-.00273	.00193	-.00995	.00369

#2	.00065	.00857	.00167	.00095	-.00382	.00053

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24321	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.2558505	--	--	--	--	--	--

#1	24277	--	--	--	--	--	--
#2	24365	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-1-a Operator: SRP
Run Time: 01/24/12 17:41:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16516	.00171	.01665	.02734	-.00077	.86810	-.00004
SDev	.00475	.00056	.00037	.00023	.00002	.00724	.00000

%RSD	2.8770	32.933	2.2175	.84141	2.2744	.83417	6.0604
#1	.16852	.00211	.01691	.02750	-.00078	.87322	-.00004
#2	.16180	.00131	.01639	.02717	-.00075	.86298	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	361.39	.00013	.03074	.00114	13.977	.21146	.00180
SDev	3.71	.00000	.00055	.00026	.130	.00114	.00043
%RSD	1.0271	.44202	1.7971	22.390	.92854	.53705	24.122
#1	364.01	.00013	.03113	.00132	14.069	.21227	.00210
#2	358.76	.00013	.03035	.00096	13.886	.21066	.00149

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	55.472	8.1558	.00183	.03352	7.4102	9.8022
SDev	.00051	.545	.0763	.00024	.00027	.0621	.0800
%RSD	60.571	.98192	.93527	13.380	.80834	.83769	.81606
#1	-.00120	55.858	8.2098	.00165	.03371	7.4541	9.8587
#2	-.00048	55.087	8.1019	.00200	.03333	7.3663	9.7456

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	437.98	297.46	4.1986	.00010	-.00124	-.00081
SDev	.00013	2.57	1.87	.0259	.00139	.00094	.00006
%RSD	25.833	.58734	.62772	.61720	1363.7	75.920	7.4503
#1	-.00041	439.80	298.78	4.2169	-.00088	-.00057	-.00077
#2	-.00059	436.16	296.14	4.1803	.00109	-.00190	-.00085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.02364	.00197	.00171	.00274	-.00263

SDev	.00030	.00026	.00041	.00085	.00022	.00065
%RSD	42.079	1.0868	20.753	49.948	7.9210	24.861
#1	.00093	.02382	.00168	.00232	.00259	-.00309
#2	.00051	.02345	.00226	.00111	.00290	-.00217

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24148	--	--	--	--	--	--
SDev	178.1909	--	--	--	--	--	--
%RSD	.7379116	--	--	--	--	--	--
#1	24022	--	--	--	--	--	--
#2	24274	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-2-a Operator: SRP
Run Time: 01/24/12 17:45:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.09845	.00034	.00114	.01319	-.00072	2.1735	-.00015
SDev	.00007	.00139	.00076	.00009	.00002	.0026	.00006
%RSD	.07450	410.98	66.705	.64657	2.3652	.12109	42.057
#1	.09839	-.00064	.00060	.01325	-.00071	2.1754	-.00019
#2	.09850	.00132	.00168	.01313	-.00073	2.1717	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	381.65	-.00062	.00049	-.00075	.60165	1.4567	-.00014
SDev	3.01	.00039	.00014	.00023	.00715	.0036	.00121
%RSD	.78891	63.029	29.559	30.518	1.1891	.24367	880.49
#1	383.78	-.00035	.00039	-.00059	.60671	1.4542	.00072
#2	379.52	-.00090	.00059	-.00091	.59659	1.4592	-.00099

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00206	147.56	.03024	.00129	.03565	13.439	9.8574
SDev	.00180	.81	.00034	.00052	.00035	.018	.0189
%RSD	87.172	.54707	1.1360	40.601	.97619	.13633	.19193
#1	.00079	148.13	.03048	.00167	.03589	13.426	9.8708
#2	.00333	146.99	.02999	.00092	.03540	13.452	9.8440

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	987.95	487.26	10.096	.00075	-.00082	-.00231
SDev	.00034	1.74	2.45	.010	.00163	.00225	.00001
%RSD	42.713	.17582	.50377	.09487	217.25	274.35	.44526
#1	-.00056	986.73	489.00	10.103	.00191	-.00241	-.00231
#2	-.00104	989.18	485.53	10.089	-.00040	.00077	-.00232

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	.01086	-.00087	.00023	.00332	.00143
SDev	.00041	.00019	.00122	.00121	.00488	.00025
%RSD	38.204	1.7306	139.26	523.45	147.26	17.703
#1	-.00078	.01099	-.00001	.00108	-.00014	.00125
#2	-.00136	.01073	-.00173	-.00062	.00677	.00161

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23876	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.1362327	--	--	--	--	--	--
#1	23853	--	--	--	--	--	--
#2	23899	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-2-a Operator: SRP
Run Time: 01/24/12 17:48:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28054	.00099	.00015	.01356	-.00062	2.1680	-.00024
SDev	.00013	.00056	.00077	.00004	.00001	.0026	.00014
%RSD	.04489	56.138	526.62	.31439	2.0610	.12043	58.899
#1	.28063	.00060	-.00040	.01353	-.00061	2.1699	-.00035
#2	.28045	.00139	.00069	.01359	-.00063	2.1662	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	378.27	.00027	.00331	-.00020	3.5397	1.4489	.00312
SDev	.64	.00053	.00079	.00043	.0557	.0021	.00056
%RSD	.16832	197.03	23.975	213.15	1.5735	.14595	17.810
#1	377.82	-.00011	.00275	-.00051	3.5003	1.4504	.00273
#2	378.73	.00064	.00387	.00010	3.5791	1.4474	.00351

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00122	146.27	.11064	.00084	.04080	13.323	10.074
SDev	.00143	.08	.00017	.00003	.00115	.021	.011
%RSD	117.13	.05569	.14980	3.2132	2.8179	.15672	.10626
#1	-.00021	146.21	.11052	.00082	.03998	13.338	10.081
#2	-.00223	146.33	.11076	.00086	.04161	13.309	10.066

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00096	980.82	482.25	10.018	.00353	.00099	-.00239
SDev	.00106	2.50	2.58	.015	.00387	.00221	.00006

%RSD	110.94	.25512	.53416	.14818	109.55	223.55	2.5710
#1	-.00171	982.59	484.07	10.028	.00627	-.00057	-.00243
#2	-.00021	979.05	480.43	10.007	.00080	.00255	-.00235

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00064	.02324	.00185	.00375	.00094	-.00230
SDev	.00061	.00005	.00576	.00205	.00719	.00574
%RSD	94.825	.21436	311.21	54.604	767.76	249.55
#1	-.00107	.02328	-.00222	.00520	-.00415	.00176
#2	-.00021	.02321	.00593	.00230	.00602	-.00636

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24164	--	--	--	--	--	--
SDev	129.4005	--	--	--	--	--	--
%RSD	.5355207	--	--	--	--	--	--
#1	24072	--	--	--	--	--	--
#2	24255	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-3-a Operator: SRP
Run Time: 01/24/12 17:52:44
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57473	.00308	.00017	.01258	-.00002	1.7920	.00014
SDev	.00676	.00115	.00027	.00014	.00002	.0009	.00006
%RSD	1.1756	37.335	160.04	1.1237	114.49	.05231	44.348
#1	.57950	.00389	.00036	.01268	-.00000	1.7927	.00018
#2	.56995	.00227	-.00002	.01248	-.00003	1.7914	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	434.49	-.00042	.02365	-.00113	.36963	.89731	.00038
SDev	.41	.00126	.00035	.00081	.01690	.00836	.00034
%RSD	.09341	301.43	1.4711	71.568	4.5732	.93134	89.615
#1	434.78	.00047	.02390	-.00056	.38158	.90322	.00014
#2	434.21	-.00131	.02340	-.00170	.35768	.89140	.00062

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	139.45	2.7858	.02218	.06520	22.561	16.029
SDev	.00058	.23	.0030	.00039	.00015	.228	.054
%RSD	57.831	.16431	.10803	1.7540	.23705	1.0116	.33610
#1	.00059	139.61	2.7879	.02191	.06531	22.723	16.067
#2	.00141	139.28	2.7837	.02246	.06510	22.400	15.991

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	446.53	298.98	9.1482	.00006	.00223	-.00268
SDev	.00027	2.40	.57	.0282	.00187	.00007	.00040
%RSD	52.042	.53690	.19131	.30779	2970.5	3.1911	14.855
#1	.00070	448.22	298.58	9.1681	.00138	.00218	-.00240
#2	.00032	444.83	299.39	9.1283	-.00126	.00228	-.00296

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	.07488	.00664	-.00275	.00596	-.00148
SDev	.00079	.00035	.01089	.00494	.01282	.00554
%RSD	94.930	.46390	163.99	179.35	214.97	374.32
#1	-.00027	.07513	-.00106	.00074	-.00310	.00244
#2	-.00140	.07464	.01434	-.00624	.01503	-.00540

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24728	--	--	--	--	--	--
SDev	325.9762	--	--	--	--	--	--
%RSD	1.318274	--	--	--	--	--	--
#1	24958	--	--	--	--	--	--
#2	24497	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-3-a Operator: SRP

Run Time: 01/24/12 17:56:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7360	.00310	.00218	.01280	.00012	1.7075	-.00034
SDev	.0104	.00023	.00229	.00009	.00001	.0009	.00010
%RSD	.60154	7.3791	105.07	.70419	4.4547	.05020	29.566
#1	1.7286	.00326	.00056	.01274	.00012	1.7081	-.00041
#2	1.7433	.00294	.00380	.01287	.00013	1.7069	-.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	416.71	.00150	.02115	-.00016	.74626	.84983	.00134
SDev	1.12	.00085	.00036	.00061	.01574	.00296	.00073
%RSD	.26913	56.152	1.6813	380.77	2.1090	.34799	54.358
#1	417.50	.00091	.02090	-.00059	.73513	.84774	.00083
#2	415.91	.00210	.02140	.00027	.75739	.85192	.00186

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	132.84	2.6563	.02075	.06048	21.310	15.710
SDev	.00151	.22	.0051	.00051	.00097	.081	.005
%RSD	74.833	.16625	.19070	2.4427	1.6068	.37793	.03192

#1	-.00309	133.00	2.6598	.02039	.05979	21.253	15.706
#2	-.00095	132.68	2.6527	.02111	.06116	21.367	15.713

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	422.67	289.65	8.6829	-.00344	-.00174	-.00229
SDev	.00047	.97	.11	.0148	.00453	.00217	.00032
%RSD	54.902	.22952	.03818	.17088	131.73	124.92	13.883
#1	-.00120	421.99	289.57	8.6724	-.00664	-.00327	-.00252
#2	-.00053	423.36	289.73	8.6934	-.00024	-.00020	-.00207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	.07312	.00278	.00062	.00332	-.00469
SDev	.00080	.00006	.00305	.00262	.00059	.00198
%RSD	268.23	.08482	109.69	421.90	17.753	42.110
#1	-.00086	.07308	.00494	-.00123	.00290	-.00609
#2	.00027	.07317	.00062	.00247	.00373	-.00330

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24541	--	--	--	--	--	--
SDev	77.78175	--	--	--	--	--	--
%RSD	.3169461	--	--	--	--	--	--
#1	24486	--	--	--	--	--	--
#2	24596	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-3-b du Operator: SRP
Run Time: 01/24/12 18:00:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8104	.00290	.00021	.01275	.00012	1.7894	-.00009
SDev	.0054	.00321	.00310	.00003	.00003	.0059	.00000
%RSD	.29917	110.75	1509.8	.25225	26.048	.32985	3.3272
#1	1.8065	.00063	-.00199	.01272	.00009	1.7852	-.00009
#2	1.8142	.00517	.00240	.01277	.00014	1.7935	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	431.84	.00108	.02261	-.00072	.78228	.89920	.00162
SDev	1.07	.00079	.00011	.00054	.00419	.00005	.00041
%RSD	.24864	73.418	.48516	75.569	.53534	.00599	25.371
#1	431.08	.00052	.02269	-.00110	.77932	.89917	.00133
#2	432.60	.00164	.02254	-.00033	.78524	.89924	.00191

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	138.55	2.7708	.02218	.06407	22.627	16.437
SDev	.00290	.34	.0062	.00026	.00010	.036	.046
%RSD	1982.2	.24591	.22326	1.1552	.15834	.15872	.28278
#1	.00220	138.31	2.7664	.02236	.06414	22.602	16.404
#2	-.00190	138.79	2.7752	.02200	.06400	22.653	16.470

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	445.55	300.11	9.1525	.00078	.00065	-.00263
SDev	.00017	.52	.25	.0142	.00034	.00166	.00015
%RSD	94.200	.11631	.08347	.15535	44.208	254.22	5.5467
#1	-.00006	445.19	299.93	9.1424	.00053	-.00052	-.00274
#2	-.00029	445.92	300.29	9.1625	.00102	.00183	-.00253

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	.07321	.00036	.00224	-.00053	.00049
SDev	.00059	.00048	.00310	.00093	.00098	.00386
%RSD	70.422	.65868	861.06	41.625	184.28	794.52
#1	-.00126	.07287	-.00183	.00291	.00016	.00321
#2	-.00042	.07355	.00255	.00158	-.00123	-.00224

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24456	--	--	--	--	--	--
SDev	70.71068	--	--	--	--	--	--
%RSD	.2891343	--	--	--	--	--	--

#1	24406	--	--	--	--	--	--
#2	24506	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-3-c ms Operator: SRP
Run Time: 01/24/12 18:04:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.456	1.1321	1.1081	1.1188	.45109	2.9087	.51565
SDev	.025	.0065	.0027	.0011	.00087	.0028	.00090
%RSD	.20131	.57349	.24787	.09923	.19207	.09485	.17510
#1	12.438	1.1275	1.1100	1.1195	.45170	2.9068	.51629
#2	12.474	1.1367	1.1062	1.1180	.45047	2.9107	.51501

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	439.47	.91912	.96221	.99314	10.710	1.6124	.98680
SDev	.48	.00000	.00084	.00056	.003	.0007	.00478
%RSD	.10851	.00048	.08714	.05682	.02864	.04628	.48410

#1	439.81	.91913	.96281	.99274	10.712	1.6119	.99018
#2	439.13	.91912	.96162	.99354	10.708	1.6130	.98342

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1087	147.62	3.6946	1.0590	1.1861	38.431	17.336
SDev	.0008	.10	.0054	.0054	.0030	.013	.001
%RSD	.07507	.06843	.14579	.50879	.24986	.03375	.00794
#1	1.1081	147.69	3.6985	1.0552	1.1882	38.440	17.335
#2	1.1092	147.54	3.6908	1.0628	1.1840	38.422	17.337

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51131	458.21	307.24	9.7676	1.1131	1.0320	1.0077
SDev	.00034	1.34	.41	.0088	.0069	.0006	.0010
%RSD	.06587	.29207	.13419	.09050	.62397	.05915	.09439
#1	.51155	457.26	306.95	9.7738	1.1082	1.0324	1.0083
#2	.51108	459.16	307.53	9.7613	1.1180	1.0315	1.0070

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98078	1.1278	.91819	1.0211	1.0634	1.1313
SDev	.00115	.0022	.00175	.0063	.0005	.0010
%RSD	.11719	.19390	.19002	.61631	.04334	.08999
#1	.98159	1.1294	.91943	1.0256	1.0631	1.1306
#2	.97997	1.1263	.91696	1.0167	1.0637	1.1320

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	24364	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0725580	--	--	--	--	--	--
#1	24351	--	--	--	--	--	--
#2	24376	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 18:08:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5377	.54102	.52002	.54410	.46184	.53569	.54516
SDev	.0087	.00540	.00208	.00111	.00086	.00011	.00188
%RSD	.34344	.99893	.40085	.20356	.18666	.02002	.34544
#1	2.5439	.53720	.51855	.54488	.46123	.53576	.54382
#2	2.5315	.54484	.52150	.54331	.46245	.53561	.54649

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.357	.47611	.47677	.47287	2.6066	.51074	.50839
SDev	.022	.00107	.00044	.00170	.0028	.00124	.00032
%RSD	.17847	.22384	.09283	.35884	.10740	.24246	.06217
#1	12.342	.47536	.47645	.47407	2.6086	.51161	.50862
#2	12.373	.47687	.47708	.47167	2.6047	.50986	.50817

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51208	4.7906	.48466	.51413	.58046	13.176	.93674
SDev	.00148	.0015	.00064	.00024	.00250	.044	.00671
%RSD	.28996	.03143	.13143	.04699	.43035	.33241	.71601
#1	.51103	4.7917	.48421	.51395	.57869	13.207	.94148
#2	.51313	4.7896	.48511	.51430	.58223	13.145	.93200

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24567	12.858	12.899	.27045	.55244	.50577	.51096
SDev	.00026	.069	.071	.00056	.00121	.00284	.00013
%RSD	.10360	.53311	.55428	.20558	.21971	.56201	.02537
#1	.24585	12.907	12.950	.27084	.55158	.50778	.51105
#2	.24549	12.810	12.848	.27006	.55330	.50376	.51087

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48988	.52926	.47164	.52677	.48471	.52582
SDev	.00066	.00035	.00100	.00097	.00138	.00153
%RSD	.13417	.06560	.21237	.18507	.28570	.29191
#1	.48942	.52901	.47093	.52746	.48373	.52473
#2	.49035	.52950	.47234	.52608	.48568	.52690

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25871	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	25871	--	--	--	--	--	--
#2	25871	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 18:11:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07156	.00352	.00099	.00041	-.00027	.00614	.00018
SDev	.00312	.00089	.00125	.00010	.00007	.00064	.00006

%RSD	4.3524	25.331	125.83	24.585	25.301	10.402	32.699
#1	.06936	.00289	.00188	.00034	-.00032	.00659	.00014
#2	.07377	.00415	.00011	.00048	-.00022	.00569	.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00613	.00040	-.00015	-.00105	-.01412	.00005	.00104
SDev	.00307	.00028	.00022	.00013	.00905	.00003	.00039
%RSD	50.037	70.713	143.36	12.124	64.097	68.814	37.192
#1	.00396	.00020	-.00031	-.00114	-.00772	.00003	.00077
#2	.00829	.00059	.00000	-.00096	-.02052	.00007	.00132

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.00050	.00028	.00205	.00042	-.04981	-.01323
SDev	.00168	.00629	.00014	.00084	.00012	.02437	.00019
%RSD	70.947	1267.0	49.699	41.123	28.778	48.929	1.4040
#1	.00118	.00494	.00018	.00264	.00050	-.03258	-.01337
#2	.00356	-.00395	.00038	.00145	.00033	-.06704	-.01310

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.07725	.02225	.00029	.00078	-.00118	.00037
SDev	.00044	.09277	.00102	.00007	.00160	.00071	.00016
%RSD	224.11	120.10	4.5663	24.579	206.05	59.993	43.510
#1	.00011	-.01165	.02153	.00024	.00191	-.00168	.00026
#2	-.00050	-.14285	.02297	.00034	-.00035	-.00068	.00049

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00032	.00343	-.00015	.00556	.00077
SDev	.00008	.00021	.00246	.00065	.00893	.00194
%RSD	20.208	66.191	71.643	421.69	160.47	251.46
#1	.00035	.00017	.00169	.00030	-.00075	.00215
#2	.00047	.00047	.00517	-.00061	.01188	-.00060

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26297	--	--	--	--	--	--
SDev	114.5513	--	--	--	--	--	--
%RSD	.4356059	--	--	--	--	--	--
#1	26216	--	--	--	--	--	--
#2	26378	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-3-d msd Operator: SRP
Run Time: 01/24/12 18:15:50
Comment: TRACE 61E

Analysis Report 01/24/12 06:19:38 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.380	1.1369	1.1097	1.1142	.45157	2.8838	.51770
SDev	.040	.0012	.0002	.0023	.00158	.0048	.00232
%RSD	.32525	.10125	.01506	.21027	.34954	.16658	.44801
#1	12.351	1.1377	1.1096	1.1125	.45268	2.8804	.51934
#2	12.408	1.1361	1.1098	1.1159	.45045	2.8872	.51606

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	433.92	.91915	.96131	.98677	10.703	1.5868	.99196
SDev	2.12	.00317	.00293	.00275	.071	.0064	.00208
%RSD	.48934	.34469	.30434	.27844	.66201	.40539	.20984
#1	435.42	.92139	.96338	.98483	10.753	1.5823	.99343
#2	432.42	.91691	.95924	.98871	10.653	1.5914	.99049

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1064	145.28	3.6526	1.0611	1.1969	37.801	17.068
SDev	.0022	.39	.0098	.0011	.0042	.128	.006
%RSD	.19610	.26512	.26829	.09990	.35052	.33825	.03523
#1	1.1079	145.55	3.6595	1.0603	1.1999	37.711	17.064
#2	1.1049	145.00	3.6457	1.0618	1.1940	37.891	17.072

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50768	446.58	301.05	9.6227	1.1175	1.0384	1.0123
SDev	.00017	1.57	.36	.0145	.0042	.0050	.0005
%RSD	.03454	.35166	.12036	.15064	.37794	.47900	.05106
#1	.50780	445.47	301.30	9.6125	1.1145	1.0419	1.0126
#2	.50755	447.69	300.79	9.6330	1.1205	1.0348	1.0119

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97870	1.1249	.91986	1.0280	1.0618	1.1287
SDev	.00156	.0034	.00288	.0017	.0022	.0021
%RSD	.15908	.30183	.31340	.16351	.21086	.18914

#1	.97980	1.1273	.92189	1.0292	1.0634	1.1302
#2	.97760	1.1225	.91782	1.0268	1.0602	1.1272

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24666	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.3239467	--	--	--	--	--	--
#1	24609	--	--	--	--	--	--
#2	24722	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-4-a Operator: SRP
Run Time: 01/24/12 18:19:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08738	.00342	.00406	.14539	-.00061	.83482	.00008
SDev	.00389	.00244	.00193	.00203	.00003	.00813	.00004
%RSD	4.4511	71.425	47.422	1.3965	5.0360	.97345	48.191
#1	.08463	.00514	.00542	.14396	-.00059	.82907	.00005
#2	.09013	.00169	.00270	.14683	-.00064	.84057	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	370.82	.00001	.00498	-.00036	.25137	.25332	.00027
SDev	3.43	.00027	.00001	.00010	.01768	.00366	.00016
%RSD	.92447	2022.4	.11080	27.401	7.0332	1.4460	57.935
#1	368.40	.00020	.00498	-.00043	.23887	.25073	.00038
#2	373.25	-.00018	.00497	-.00029	.26388	.25591	.00016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00403	14.545	.36058	.00310	.01162	16.824	12.911
SDev	.00161	.141	.00383	.00307	.00029	.241	.156
%RSD	40.049	.96874	1.0629	99.006	2.5138	1.4323	1.2056
#1	.00289	14.445	.35787	.00526	.01183	16.654	12.801
#2	.00517	14.644	.36329	.00093	.01142	16.994	13.021

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	177.11	149.65	4.5094	.00634	.00131	-.00193
SDev	.00036	2.32	1.80	.0597	.00256	.00206	.00020
%RSD	521.68	1.3087	1.2012	1.3248	40.428	157.48	10.232
#1	-.00032	175.47	148.38	4.4672	.00816	.00276	-.00179
#2	.00018	178.75	150.92	4.5517	.00453	-.00015	-.00207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00558	.01125	.00060	.00010	.00605	.00302
SDev	.00017	.00001	.00187	.00070	.00020	.00232
%RSD	3.0403	.10691	311.15	672.63	3.3502	76.751
#1	.00570	.01125	.00192	-.00039	.00590	.00138
#2	.00546	.01124	-.00072	.00060	.00619	.00466

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24976	--	--	--	--	--	--

SDev	244.6590	--	--	--	--	--	--
%RSD	.9795762	--	--	--	--	--	--
#1	25149	--	--	--	--	--	--
#2	24803	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-4-a Operator: SRP
Run Time: 01/24/12 18:23:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18807	.00359	.00175	.15167	-.00061	.79464	-.00001
SDev	.00005	.00034	.00208	.00032	.00000	.00020	.00002
%RSD	.02368	9.5459	118.93	.21404	.54043	.02540	147.88
#1	.18804	.00335	.00322	.15190	-.00061	.79450	-.00003
#2	.18810	.00383	.00028	.15144	-.00062	.79478	.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	356.01	.00022	.00449	-.00053	.33625	.24295	.00028
SDev	.39	.00003	.00040	.00007	.01833	.00051	.00030
%RSD	.11060	12.162	8.9203	12.383	5.4503	.20817	107.85
#1	356.29	.00024	.00421	-.00058	.32329	.24331	.00007
#2	355.73	.00020	.00477	-.00049	.34921	.24260	.00049

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	13.973	.34900	.00113	.01117	16.914	13.037
SDev	.00309	.027	.00070	.00024	.00026	.040	.020
%RSD	528.29	.18989	.20177	21.682	2.3422	.23940	.15385
#1	-.00160	13.991	.34950	.00096	.01099	16.943	13.052
#2	.00277	13.954	.34851	.00130	.01136	16.886	13.023

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	169.91	144.55	4.3015	-.00076	-.00055	.00117
SDev	.00075	.01	.23	.0088	.00107	.00134	.00050
%RSD	219.62	.00530	.15902	.20517	139.45	243.93	42.746

#1	-.00088	169.92	144.71	4.3077	-.00001	-.00150	.00082
#2	.00019	169.90	144.39	4.2953	-.00152	.00040	.00152

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00598	.01225	-.00059	.00071	-.00039	.00107
SDev	.00009	.00003	.00306	.00108	.00837	.00044
%RSD	1.4201	.25096	519.96	151.00	2162.5	41.325

#1	.00592	.01227	-.00275	.00148	-.00631	.00076
#2	.00604	.01223	.00158	-.00005	.00553	.00138

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25204	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.2272437	--	--	--	--	--	--

#1	25164	--	--	--	--	--	--
#2	25245	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-5-a Operator: SRP
Run Time: 01/24/12 18:27:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08477	.00296	-.00012	.05650	-.00066	.12619	-.00006
SDev	.00331	.00005	.00211	.00001	.00000	.00073	.00003
%RSD	3.9060	1.6557	1705.9	.02347	.68592	.57638	47.686

#1	.08243	.00300	.00137	.05649	-.00066	.12670	-.00004
#2	.08711	.00293	-.00162	.05651	-.00066	.12567	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	253.28	.00043	.00000	.00015	.05532	.03569	.00093
SDev	.37	.00026	.00014	.00017	.00615	.00009	.00014
%RSD	.14677	62.013	9355.4	114.65	11.125	.24384	14.565

#1	253.02	.00024	-.00009	.00028	.05097	.03563	.00103
#2	253.55	.00061	.00010	.00003	.05967	.03575	.00084

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00280	8.1856	.00718	.00092	.00325	1.9925	8.6347
SDev	.00377	.0086	.00003	.00015	.00097	.0048	.0162
%RSD	134.56	.10552	.46237	16.565	29.716	.24020	.18750

#1	.00014	8.1795	.00716	.00103	.00257	1.9891	8.6233
#2	.00547	8.1917	.00721	.00082	.00393	1.9959	8.6462

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00003	109.79	99.074	4.5603	.00205	.00018	-.00124
SDev	.00049	.28	.112	.0029	.00216	.00029	.00003
%RSD	1502.1	.25611	.11308	.06273	105.24	158.79	2.1979
#1	-.00031	109.59	98.994	4.5583	.00053	-.00002	-.00122
#2	.00038	109.99	99.153	4.5624	.00358	.00039	-.00126

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00837	.00200	.00040	.00502	.00170
SDev	.00009	.00015	.00256	.00148	.00909	.00112
%RSD	17.282	1.8451	128.36	367.97	181.02	65.810
#1	.00048	.00826	.00018	.00145	-.00141	.00091
#2	.00061	.00848	.00381	-.00065	.01145	.00249

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25414	--	--	--	--	--	--
SDev	13.43503	--	--	--	--	--	--
%RSD	.0528636	--	--	--	--	--	--
#1	25424	--	--	--	--	--	--
#2	25405	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-5-b du Operator: SRP
Run Time: 01/24/12 18:31:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08619	.00294	.00199	.05631	-.00066	.12340	-.00004
SDev	.00110	.00104	.00000	.00029	.00004	.00028	.00014
%RSD	1.2792	35.507	.13247	.50758	5.6936	.22617	336.69
#1	.08541	.00367	.00199	.05611	-.00063	.12320	.00006
#2	.08697	.00220	.00199	.05651	-.00068	.12360	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	248.53	.00043	-.00046	.00033	.03886	.03570	.00036
SDev	1.38	.00005	.00041	.00019	.00889	.00023	.00029
%RSD	.55334	12.128	90.531	57.072	22.880	.65407	82.172
#1	247.56	.00047	-.00016	.00020	.04514	.03553	.00015
#2	249.50	.00039	-.00075	.00046	.03257	.03586	.00056

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	8.0559	.00698	-.00001	.00375	1.9607	8.5427
SDev	.00118	.0438	.00008	.00118	.00036	.0215	.0509
%RSD	74.349	.54425	1.1726	10742.	9.4429	1.0955	.59626
#1	.00075	8.0249	.00692	.00082	.00401	1.9455	8.5067
#2	.00242	8.0869	.00704	-.00084	.00350	1.9759	8.5787

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	109.65	99.371	4.5462	-.00200	.00039	-.00128
SDev	.00020	.32	.531	.0243	.00098	.00030	.00015
%RSD	48.397	.29614	.53387	.53463	48.953	76.835	11.835
#1	-.00027	109.42	98.996	4.5290	-.00130	.00018	-.00118
#2	-.00055	109.88	99.746	4.5634	-.00269	.00060	-.00139

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00826	-.00034	.00070	-.00131	.00303
SDev	.00020	.00003	.00108	.00010	.00500	.00073
%RSD	42.916	.31807	317.91	14.458	382.38	24.058
#1	.00061	.00824	-.00110	.00078	-.00484	.00355

#2	.00033	.00828	.00042	.00063	.00223	.00252

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25200	--	--	--	--	--	--
SDev	81.31728	--	--	--	--	--	--
%RSD	.3226940	--	--	--	--	--	--
#1	25257	--	--	--	--	--	--
#2	25142	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-5-c ms Operator: SRP
Run Time: 01/24/12 18:35:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.344	1.1002	1.0659	1.1529	.44682	1.2261	.51893
SDev	.309	.0320	.0320	.0308	.01256	.0337	.01434
%RSD	2.9916	2.9058	3.0052	2.6738	2.8119	2.7458	2.7630
#1	10.562	1.1228	1.0886	1.1747	.45570	1.2499	.52907
#2	10.125	1.0776	1.0433	1.1311	.43793	1.2023	.50879

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	247.91	.90935	.92645	.95381	9.9283	.63849	.98630
SDev	7.17	.02662	.02650	.02731	.3119	.01804	.02177
%RSD	2.8935	2.9278	2.8605	2.8630	3.1417	2.8248	2.2075
#1	252.98	.92818	.94519	.97312	10.149	.65125	1.0017
#2	242.83	.89053	.90771	.93450	9.7077	.62574	.97091

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0419	17.002	.95017	1.0191	1.1470	15.791	9.4134
SDev	.0193	.497	.02684	.0220	.0346	.453	.2760
%RSD	1.8484	2.9259	2.8249	2.1539	3.0141	2.8680	2.9322

#1	1.0556	17.354	.96915	1.0346	1.1714	16.111	9.6085
#2	1.0283	16.650	.93119	1.0035	1.1225	15.471	9.2182

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49713	118.16	107.02	4.9531	1.1095	1.0075	1.0028
SDev	.01346	3.56	2.97	.1333	.0294	.0286	.0285
%RSD	2.7081	3.0149	2.7779	2.6911	2.6531	2.8430	2.8379

#1	.50665	120.68	109.12	5.0474	1.1303	1.0277	1.0230
#2	.48761	115.64	104.92	4.8589	1.0887	.98720	.98271

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96760	1.0423	.91178	1.0236	1.0016	1.0621

SDev	.02767	.0295	.02301	.0212	.0239	.0170
%RSD	2.8600	2.8275	2.5240	2.0666	2.3839	1.5960

#1	.98717	1.0632	.92806	1.0385	1.0184	1.0741
#2	.94803	1.0215	.89551	1.0086	.98468	1.0502

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25658	--	--	--	--	--	--
SDev	566.3925	--	--	--	--	--	--
%RSD	2.207426	--	--	--	--	--	--

#1	25258	--	--	--	--	--	--
#2	26059	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-5-d msd Operator: SRP
Run Time: 01/24/12 18:39:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.323	1.1062	1.0684	1.1553	.44753	1.2277	.52037
SDev	.123	.0117	.0036	.0102	.00350	.0080	.00456
%RSD	1.1908	1.0620	.34071	.88660	.78173	.64841	.87582

#1	10.410	1.1145	1.0710	1.1626	.45000	1.2333	.52359
#2	10.236	1.0979	1.0658	1.1481	.44505	1.2221	.51714

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	247.39	.90959	.92785	.95231	9.9604	.63730	.98851
SDev	2.00	.00696	.00765	.00982	.0715	.00712	.00677
%RSD	.80854	.76516	.82475	1.0312	.71764	1.1169	.68504

#1	248.80	.91451	.93326	.95926	10.011	.64233	.99330
#2	245.98	.90467	.92244	.94537	9.9099	.63227	.98372

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0497	16.992	.95120	1.0235	1.1508	15.781	9.3718
SDev	.0020	.153	.00803	.0093	.0052	.184	.0921

%RSD	.19183	.90146	.84421	.90586	.45326	1.1665	.98320
#1	1.0511	17.101	.95688	1.0301	1.1545	15.911	9.4369
#2	1.0483	16.884	.94553	1.0169	1.1471	15.651	9.3066

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49752	117.49	106.61	4.9328	1.1150	1.0067	1.0034
SDev	.00432	1.76	1.25	.0445	.0030	.0103	.0088
%RSD	.86884	1.4973	1.1732	.90305	.26957	1.0206	.87980
#1	.50058	118.74	107.49	4.9643	1.1172	1.0140	1.0097
#2	.49446	116.25	105.73	4.9013	1.1129	.99946	.99719

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96752	1.0441	.91494	1.0253	1.0068	1.0711
SDev	.00748	.0083	.00900	.0057	.0102	.0021
%RSD	.77282	.79950	.98358	.55184	1.0113	.19328
#1	.97280	1.0500	.92130	1.0293	1.0140	1.0697
#2	.96223	1.0382	.90858	1.0213	.99955	1.0726

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25374	--	--	--	--	--	--
SDev	200.8183	--	--	--	--	--	--
%RSD	.7914334	--	--	--	--	--	--
#1	25232	--	--	--	--	--	--
#2	25516	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-5-a Operator: SRP
Run Time: 01/24/12 18:43:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14045	.00422	-.00093	.05549	-.00061	.12259	-.00015
SDev	.00343	.00011	.00305	.00009	.00000	.00106	.00002
%RSD	2.4414	2.5388	329.98	.16440	.69500	.86454	15.493
#1	.14287	.00414	.00123	.05556	-.00061	.12334	-.00017
#2	.13802	.00430	-.00308	.05543	-.00061	.12184	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.89	.00026	-.00015	.00137	.13562	.03502	.00095
SDev	.73	.00018	.00000	.00031	.00631	.00009	.00003
%RSD	.29651	71.503	.33474	22.869	4.6535	.25489	3.2074
#1	246.40	.00039	-.00015	.00159	.14008	.03508	.00093
#2	245.37	.00013	-.00015	.00115	.13116	.03495	.00097

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00253	7.9252	.01603	.00402	.00313	1.9108	8.4879
SDev	.00251	.0141	.00020	.00198	.00008	.0057	.0134
%RSD	99.314	.17791	1.2255	49.248	2.5058	.29984	.15801
#1	.00430	7.9351	.01617	.00542	.00307	1.9149	8.4974
#2	.00075	7.9152	.01589	.00262	.00319	1.9068	8.4784

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	107.21	97.465	4.4679	.00374	-.00011	-.00038
SDev	.00029	.17	.055	.0051	.00138	.00236	.00021

%RSD	198.24	.15392	.05667	.11463	37.017	2147.8	56.448
#1	.00006	107.32	97.504	4.4715	.00472	-.00178	-.00023
#2	-.00035	107.09	97.426	4.4643	.00276	.00156	-.00053

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00371	.00430	-.00072	.00331	.00213
SDev	.00030	.00005	.00204	.00097	.00188	.00470
%RSD	69.288	1.2345	47.372	134.94	56.635	220.46
#1	.00065	.00374	.00286	-.00003	.00199	.00546
#2	.00022	.00368	.00574	-.00141	.00464	-.00119

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25607	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.0497049	--	--	--	--	--	--
#1	25616	--	--	--	--	--	--
#2	25598	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-6-a Operator: SRP
Run Time: 01/24/12 18:46:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07829	.00218	.00019	.05457	-.00057	.12018	-.00002
SDev	.00107	.00113	.00166	.00020	.00002	.00024	.00002
%RSD	1.3711	51.789	873.05	.36587	3.3579	.20226	98.960
#1	.07905	.00138	-.00098	.05471	-.00058	.12036	-.00001
#2	.07753	.00298	.00136	.05443	-.00056	.12001	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.42	.00044	-.00027	.00011	.05354	.03441	.00006
SDev	.14	.00013	.00044	.00025	.00812	.00006	.00013
%RSD	.05661	29.499	164.34	232.10	15.161	.16669	212.11
#1	245.52	.00035	.00004	.00028	.05928	.03445	-.00003
#2	245.32	.00053	-.00058	-.00007	.04780	.03436	.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00248	7.9109	.00682	.00121	.00342	1.9120	8.3338
SDev	.00334	.0019	.00001	.00003	.00015	.0020	.0005
%RSD	134.92	.02351	.17200	2.3188	4.3317	.10572	.00570
#1	.00011	7.9123	.00683	.00119	.00353	1.9134	8.3341
#2	.00484	7.9096	.00681	.00123	.00332	1.9106	8.3334

Analysis Report 01/24/12 06:50:41 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	106.05	96.246	4.4087	.00228	.00115	-.00132
SDev	.00000	.16	.017	.0099	.00047	.00138	.00006
%RSD	.62677	.15432	.01717	.22392	20.737	119.60	4.1594
#1	.00011	105.94	96.258	4.4157	.00195	.00018	-.00136
#2	.00011	106.17	96.235	4.4017	.00262	.00213	-.00128

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00738	.00090	-.00036	.00418	.00163
SDev	.00009	.00001	.00123	.00042	.00530	.00237
%RSD	17.294	.06542	136.24	117.40	126.80	145.32
#1	.00047	.00737	.00003	-.00006	.00043	-.00004
#2	.00061	.00738	.00177	-.00066	.00792	.00331

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25768	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1673950	--	--	--	--	--	--
#1	25737	--	--	--	--	--	--
#2	25798	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-6-a Operator: SRP
Run Time: 01/24/12 18:50:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13806	.00362	.00230	.05700	-.00062	.12275	-.00023
SDev	.00105	.00120	.00188	.00006	.00002	.00014	.00002
%RSD	.75827	33.093	81.723	.09858	3.6595	.11181	9.8168
#1	.13732	.00447	.00097	.05696	-.00061	.12285	-.00024
#2	.13880	.00277	.00362	.05704	-.00064	.12265	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	249.69	.00146	-.00028	.00110	.08013	.03567	.00066
SDev	.29	.00040	.00054	.00010	.00827	.00002	.00091
%RSD	.11557	27.383	189.52	9.0740	10.319	.04583	138.18
#1	249.90	.00117	-.00067	.00117	.07428	.03566	.00002

#2	249.49	.00174	.00010	.00103	.08598	.03568	.00130

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	8.0526	.01302	.00036	.00325	1.9753	8.6188
SDev	.00081	.0004	.00011	.00003	.00052	.0046	.0096
%RSD	125.89	.00532	.81468	8.3711	16.061	.23118	.11167

#1	.00007	8.0529	.01294	.00038	.00362	1.9720	8.6256
#2	.00121	8.0522	.01309	.00034	.00289	1.9785	8.6120

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	109.44	99.373	4.5414	.00238	-.00116	-.00054
SDev	.00026	.08	.011	.0025	.00107	.00044	.00005
%RSD	202.24	.07399	.01076	.05574	44.865	38.468	8.7011

#1	-.00031	109.50	99.365	4.5432	.00163	-.00084	-.00057
#2	.00005	109.38	99.380	4.5396	.00314	-.00147	-.00051

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.01033	.00253	-.00028	.00295	-.00052
SDev	.00019	.00008	.00020	.00146	.00123	.00183
%RSD	25.795	.78524	7.7678	530.01	41.707	354.45

#1	.00061	.01028	.00266	-.00131	.00383	-.00181
#2	.00088	.01039	.00239	.00076	.00208	.00078

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25429	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1334741	--	--	--	--	--	--

#1	25453	--	--	--	--	--	--
#2	25405	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 18:54:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5215	.53598	.51206	.54094	.44932	.52533	.53962
SDev	.0004	.00548	.00000	.00064	.00044	.00258	.00038
%RSD	.01762	1.0219	.00086	.11788	.09692	.49151	.06972

#1	2.5212	.53211	.51206	.54139	.44901	.52350	.53935
#2	2.5218	.53985	.51206	.54049	.44962	.52715	.53988

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.106	.46544	.46724	.46453	2.5806	.51106	.49698
SDev	.005	.00072	.00051	.00029	.0146	.00071	.00158
%RSD	.03734	.15443	.10864	.06316	.56530	.13841	.31808

#1	12.103	.46493	.46759	.46474	2.5909	.51156	.49809
#2	12.109	.46594	.46688	.46432	2.5702	.51056	.49586

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report Blank Sample 01/24/12 06:58:22 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50575	4.6650	.47533	.50550	.58927	13.178	.92317
SDev	.00103	.0074	.00043	.00436	.00276	.030	.00003
%RSD	.20341	.15965	.09133	.86350	.46889	.22716	.00352
#1	.50503	4.6703	.47502	.50241	.59123	13.199	.92319
#2	.50648	4.6597	.47563	.50858	.58732	13.157	.92314

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24062	12.936	12.963	.26929	.54748	.50317	.50341
SDev	.00102	.142	.039	.00031	.00330	.00243	.00082
%RSD	.42192	1.1008	.29706	.11406	.60186	.48351	.16266
#1	.24134	13.037	12.990	.26951	.54515	.50145	.50283
#2	.23991	12.836	12.936	.26908	.54981	.50489	.50399

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48098	.52083	.45423	.51835	.47707	.52015
SDev	.00098	.00008	.01373	.00450	.01046	.00677
%RSD	.20350	.01454	3.0237	.86739	2.1924	1.3021
#1	.48029	.52078	.46394	.51517	.48447	.51536
#2	.48167	.52088	.44452	.52153	.46968	.52494

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26674	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1272442	--	--	--	--	--	--
#1	26650	--	--	--	--	--	--
#2	26698	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 18:58:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07719	.00351	-.00078	.00028	-.00034	.00313	.00009
SDev	.00069	.00090	.00072	.00001	.00002	.00131	.00003
%RSD	.89909	25.593	91.795	4.3277	4.7388	42.018	28.907
#1	.07768	.00288	-.00027	.00028	-.00033	.00406	.00007
#2	.07670	.00415	-.00129	.00027	-.00035	.00220	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00237	.00018	-.00006	-.00153	.00362	-.00015	.00088
SDev	.00160	.00028	.00045	.00002	.00444	.00008	.00082
%RSD	67.304	157.41	721.42	1.3324	122.70	56.246	93.754

Analysis Report Blank Sample 01/24/12 07:02:14 PM page 11

#1	.00124	.00037	.00025	-.00155	.00676	-.00021	.00146
#2	.00350	-.00002	-.00038	-.00152	.00048	-.00009	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00282	-.01104	.00022	.00105	.00058	-.10997	-.01390
SDev	.00079	.00340	.00005	.00072	.00041	.01751	.00127
%RSD	28.142	30.754	23.892	69.151	71.039	15.922	9.1461
#1	.00338	-.01344	.00026	.00156	.00086	-.12235	-.01300
#2	.00226	-.00864	.00018	.00054	.00029	-.09759	-.01479

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.02959	.00743	.00021	.00215	.00004	.00013
SDev	.00063	.18161	.00235	.00000	.00488	.00352	.00017
%RSD	980.26	613.74	31.654	1.5053	227.52	8942.3	138.00
#1	.00038	.15801	.00577	.00021	.00560	.00253	.00025
#2	-.00051	-.09883	.00910	.00021	-.00131	-.00245	.00000

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00006	.00282	-.00009	.00219	.00313
SDev	.00065	.00021	.00094	.00076	.00287	.00262
%RSD	482.02	330.70	33.386	811.90	130.92	83.837
#1	.00059	.00021	.00349	.00045	.00016	.00499
#2	-.00032	-.00009	.00215	-.00063	.00422	.00127

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26388	--	--	--	--	--	--
SDev	343.6539	--	--	--	--	--	--
%RSD	1.302311	--	--	--	--	--	--
#1	26631	--	--	--	--	--	--
#2	26145	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-7-a Operator: SRP
Run Time: 01/24/12 19:02:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08282	.00216	.00033	.04625	-.00067	.36260	-.00034
SDev	.00374	.00182	.00331	.00005	.00007	.00292	.00010
%RSD	4.5110	84.432	1012.0	.10832	10.610	.80433	30.156
#1	.08018	.00087	-.00201	.04629	-.00072	.36054	-.00027
#2	.08546	.00345	.00267	.04622	-.00062	.36467	-.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	190.59	.00214	-.00070	.00156	.08569	.03193	.00224
SDev	.85	.00052	.00004	.00032	.00521	.00007	.00002
%RSD	.44495	24.076	5.1444	20.770	6.0853	.22551	.97657
#1	189.99	.00178	-.00067	.00133	.08200	.03198	.00222
#2	191.19	.00251	-.00072	.00179	.08937	.03187	.00225

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02727	20.493	.00022	.00452	.00230	9.8059	15.195
SDev	.00246	.040	.00011	.00000	.00065	.0512	.002
%RSD	9.0172	.19504	51.971	.07153	28.176	.52224	.01280
#1	.02901	20.465	.00014	.00452	.00276	9.8421	15.197
#2	.02553	20.521	.00030	.00452	.00185	9.7697	15.194

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	114.92	103.48	2.3724	.00054	-.00207	-.00122
SDev	.00052	.55	.47	.0063	.00253	.00182	.00030
%RSD	195.91	.47783	.45198	.26657	464.95	88.060	24.551
#1	-.00063	115.31	103.81	2.3769	-.00124	-.00336	-.00143
#2	.00010	114.53	103.15	2.3679	.00233	-.00078	-.00101

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00783	.01233	.00669	.00001	.03013	.02584
SDev	.00081	.00016	.00692	.00349	.01090	.00176
%RSD	10.340	1.2837	103.33	28417.	36.194	6.8279
#1	.00726	.01222	.01158	-.00246	.03784	.02459
#2	.00840	.01244	.00180	.00248	.02242	.02709

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25477	--	--	--	--	--	--
SDev	149.9066	--	--	--	--	--	--
%RSD	.5883999	--	--	--	--	--	--
#1	25371	--	--	--	--	--	--
#2	25583	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-7-a Operator: SRP
Run Time: 01/24/12 19:06:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09283	.00330	.00138	.04336	-.00073	.37606	-.00003
SDev	.00348	.00121	.00199	.00023	.00001	.00326	.00001

%RSD	3.7472	36.741	144.61	.52978	1.2405	.86651	19.541
#1	.09529	.00244	.00279	.04352	-.00073	.37836	-.00003
#2	.09037	.00416	-.00003	.04319	-.00072	.37375	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	197.33	.00329	-.00026	.00503	.08977	.03327	.00228
SDev	1.95	.00016	.00040	.00032	.01522	.00028	.00016
%RSD	.98883	4.8640	151.37	6.3451	16.954	.84212	7.0416
#1	198.71	.00318	.00002	.00526	.10053	.03347	.00239
#2	195.95	.00340	-.00055	.00481	.07901	.03307	.00217

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02710	21.209	.00000	.00488	.00262	10.184	15.779
SDev	.00043	.196	.00000	.00060	.00032	.074	.136
%RSD	1.5715	.92253	8.2059	12.353	12.185	.72453	.85899
#1	.02680	21.347	.00000	.00530	.00285	10.236	15.875
#2	.02740	21.071	.00000	.00445	.00240	10.132	15.683

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	119.47	107.15	2.4592	-.00104	.00188	-.00096
SDev	.00039	.85	.81	.0184	.00057	.00138	.00009
%RSD	213.58	.71211	.75402	.74674	55.193	73.392	9.5866
#1	.00009	120.08	107.72	2.4722	-.00144	.00285	-.00102
#2	-.00046	118.87	106.58	2.4462	-.00063	.00090	-.00089

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00856	.00298	.00369	.00158	.02868	.02631
SDev	.00012	.00004	.00050	.00049	.00395	.00261
%RSD	1.3480	1.3126	13.442	31.034	13.765	9.9311
#1	.00848	.00301	.00334	.00192	.03148	.02446
#2	.00864	.00295	.00404	.00123	.02589	.02816

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25124	--	--	--	--	--	--
SDev	212.8391	--	--	--	--	--	--
%RSD	.8471715	--	--	--	--	--	--
#1	24973	--	--	--	--	--	--
#2	25274	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-8-a Operator: SRP
Run Time: 01/24/12 19:09:59
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12478	-.00090	-.00158	.07365	-.00089	.64701	-.00034
SDev	.00144	.00113	.00134	.00022	.00005	.00190	.00004
%RSD	1.1552	125.91	84.629	.30399	5.5443	.29431	13.265
#1	.12580	-.00010	-.00253	.07349	-.00092	.64566	-.00031
#2	.12376	-.00170	-.00064	.07381	-.00085	.64836	-.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	707.89	-.00091	.13521	-.00241	.32300	.35872	.00299
SDev	1.28	.00006	.00007	.00015	.01781	.00112	.00027
%RSD	.18093	6.4799	.05245	6.1648	5.5141	.31194	8.9676
#1	708.79	-.00095	.13526	-.00251	.33559	.35793	.00318
#2	706.98	-.00087	.13516	-.00230	.31040	.35951	.00280

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00746	74.914	24.713	-.00168	.19621	8.3100	10.794
SDev	.00064	.013	.032	.00039	.00002	.0207	.023
%RSD	8.5557	.01743	.13090	23.349	.00791	.24853	.21120
#1	-.00791	74.905	24.736	-.00140	.19622	8.2954	10.778
#2	-.00701	74.923	24.691	-.00195	.19620	8.3246	10.811

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	1008.6	494.24	7.7298	-.00127	-.00617	-.00510
SDev	.00027	4.6	.20	.0101	.00032	.00092	.00011
%RSD	22.742	.45262	.04087	.13094	25.015	14.877	2.1916
#1	-.00101	1005.4	494.38	7.7226	-.00104	-.00552	-.00518
#2	-.00139	1011.8	494.10	7.7369	-.00149	-.00682	-.00502

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.01487	.00198	.00350	-.00706	-.00765
SDev	.00020	.00002	.00225	.00072	.00304	.00056
%RSD	24.726	.10067	113.83	20.636	43.039	7.3625
#1	-.00096	.01488	.00357	.00299	-.00921	-.00725
#2	-.00067	.01486	.00039	.00401	-.00491	-.00805

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23752	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	.2322092	--	--	--	--	--	--
#1	23713	--	--	--	--	--	--
#2	23791	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-8-a Operator: SRP
Run Time: 01/24/12 19:13:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12960	.00186	.00086	.07712	-.00083	.67831	-.00026
SDev	.00353	.00194	.00035	.00007	.00000	.00169	.00024
%RSD	2.7266	104.31	40.831	.08645	.03337	.24947	91.445
#1	.13210	.00323	.00061	.07707	-.00083	.67951	-.00009
#2	.12710	.00049	.00111	.07716	-.00083	.67711	-.00043

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	744.33	.00011	.14481	-.00153	1.1467	.37916	.00208
SDev	7.89	.00099	.00235	.00088	.0648	.00211	.00067
%RSD	1.0607	872.28	1.6246	57.209	5.6542	.55628	32.139
#1	749.92	.00082	.14647	-.00091	1.1926	.37767	.00161
#2	738.75	-.00059	.14315	-.00215	1.1009	.38065	.00256

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00803	79.063	26.113	-.00254	.20867	8.4564	11.044
SDev	.00038	.550	.203	.00122	.00394	.0308	.019
%RSD	4.7557	.69565	.77717	47.833	1.8876	.36378	.17210
#1	-.00830	79.452	26.256	-.00168	.21145	8.4347	11.058
#2	-.00776	78.674	25.969	-.00340	.20588	8.4782	11.031

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	1069.9	512.56	8.1241	.00260	-.00211	-.00500
SDev	.00097	4.3	1.67	.0031	.00077	.00005	.00028
%RSD	436.05	.40327	.32567	.03855	29.618	2.1978	5.5531
#1	.00046	1066.8	513.74	8.1219	.00206	-.00208	-.00480
#2	-.00091	1072.9	511.38	8.1263	.00315	-.00215	-.00519

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.01496	.00270	.00177	-.01137	-.00636
SDev	.00083	.00021	.00289	.00044	.00044	.00079
%RSD	2061.8	1.3786	106.98	24.939	3.8599	12.456
#1	.00063	.01511	.00066	.00209	-.01106	-.00692
#2	-.00055	.01482	.00475	.00146	-.01168	-.00580

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23698	--	--	--	--	--	--

SDev	45.25483	--	--	--	--	--	--
%RSD	.1909648	--	--	--	--	--	--

#1	23666	--	--	--	--	--	--
#2	23730	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-a-9-a Operator: SRP
Run Time: 01/24/12 19:17:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09297	-.00080	-.00194	.04642	-.00076	.38173	-.00027
SDev	.00143	.00050	.00109	.00012	.00006	.00337	.00032
%RSD	1.5385	62.310	56.095	.26078	8.3229	.88240	118.04
#1	.09398	-.00045	-.00117	.04650	-.00072	.38411	-.00004
#2	.09195	-.00115	-.00272	.04633	-.00081	.37934	-.00050

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	278.68	-.00075	.00296	-.00154	.11163	.03088	.00080
SDev	3.55	.00086	.00150	.00093	.04972	.00009	.00053
%RSD	1.2752	115.51	50.741	60.254	44.536	.30297	65.763
#1	281.20	-.00014	.00403	-.00088	.14678	.03095	.00043
#2	276.17	-.00136	.00190	-.00220	.07647	.03081	.00118

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03471	15.834	1.7067	.00116	.00937	3.4090	5.3774
SDev	.00042	.160	.0148	.00040	.00118	.0192	.0371
%RSD	1.2071	1.0104	.86718	34.556	12.579	.56449	.68977
#1	.03501	15.947	1.7172	.00145	.01020	3.4226	5.4037
#2	.03441	15.720	1.6963	.00088	.00854	3.3954	5.3512

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00116	303.75	226.74	2.6210	-.00418	-.00368	-.00194
SDev	.00139	1.24	.48	.0004	.00444	.00227	.00027
%RSD	119.16	.40854	.21166	.01424	106.29	61.656	14.009
#1	-.00018	304.63	227.08	2.6208	-.00104	-.00208	-.00175
#2	-.00215	302.87	226.40	2.6213	-.00731	-.00529	-.00214

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.01487	.00318	-.00038	.03069	.03672
SDev	.00049	.00036	.00062	.00111	.00038	.00082
%RSD	342.20	2.4246	19.560	287.39	1.2207	2.2218
#1	.00049	.01512	.00362	-.00117	.03043	.03730
#2	-.00020	.01461	.00274	.00040	.03096	.03614

Analysis Report 01/24/12 07:21:29 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25005	--	--	--	--	--	--

SDev	87.68124	--	--	--	--	--	--
%RSD	.3506548	--	--	--	--	--	--
#1	25067	--	--	--	--	--	--
#2	24943	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48993-b-9-a Operator: SRP
Run Time: 01/24/12 19:21:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11091	.00136	.00765	.09400	-.00068	.35489	.00018
SDev	.00109	.00242	.00150	.00059	.00006	.00119	.00007
%RSD	.98536	177.50	19.610	.62631	9.5088	.33449	39.592
#1	.11014	-.00035	.00659	.09441	-.00064	.35405	.00013
#2	.11168	.00307	.00872	.09358	-.00073	.35573	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	281.72	.00057	.00801	.00026	11.694	.02924	.00156
SDev	2.85	.00008	.00010	.00013	.076	.00019	.00075
%RSD	1.0118	13.721	1.1890	48.693	.65133	.64833	47.805
#1	279.71	.00062	.00808	.00017	11.640	.02937	.00103
#2	283.74	.00051	.00794	.00035	11.748	.02910	.00208

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03672	15.656	2.1633	-.00008	.01615	3.3592	6.1020
SDev	.00269	.091	.0135	.00028	.00007	.0027	.0060
%RSD	7.3281	.58349	.62624	372.86	.42970	.08060	.09754
#1	.03482	15.592	2.1537	.00012	.01610	3.3572	6.1062
#2	.03863	15.721	2.1729	-.00027	.01620	3.3611	6.0978

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	295.19	222.19	2.6378	.00255	-.00005	-.00150
SDev	.00000	2.25	.69	.0086	.00241	.00137	.00004
%RSD	2.6311	.76177	.31172	.32485	94.381	2614.6	2.8472
#1	.00010	296.78	222.68	2.6439	.00425	.00092	-.00147
#2	.00009	293.60	221.70	2.6317	.00085	-.00102	-.00153

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00772	.00985	-.00138	.00303	.03213	.03902
SDev	.00004	.00028	.00104	.00060	.00434	.00187
%RSD	.54788	2.8016	75.550	19.725	13.516	4.7808

#1	.00769	.00965	-.00211	.00260	.02906	.03770
#2	.00775	.01004	-.00064	.00345	.03520	.04034

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25035	--	--	--	--	--	--
SDev	147.0782	--	--	--	--	--	--
%RSD	.5874904	--	--	--	--	--	--
#1	25139	--	--	--	--	--	--
#2	24931	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48993-b-3-a Operator: SRP
Run Time: 01/24/12 19:25:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.987	1.0843	1.0739	1.0944	.42072	2.7695	.50233
SDev	.010	.0017	.0031	.0030	.00162	.0060	.00185
%RSD	.08341	.15655	.29237	.27812	.38625	.21611	.36850
#1	11.994	1.0831	1.0761	1.0966	.42187	2.7737	.50364
#2	11.980	1.0855	1.0716	1.0923	.41957	2.7652	.50102

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	409.00	.87812	.90989	.94323	10.171	2.2853	.95566
SDev	1.13	.00227	.00326	.00251	.042	.0080	.00129
%RSD	.27745	.25834	.35863	.26615	.41182	.34986	.13501
#1	409.80	.87973	.91220	.94501	10.201	2.2910	.95657
#2	408.20	.87652	.90759	.94146	10.142	2.2796	.95474

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0539	136.38	3.4614	1.0093	1.1636	36.982	16.132
SDev	.0002	.37	.0097	.0027	.0039	.130	.034
%RSD	.02299	.26980	.28169	.26942	.33866	.35208	.21139
#1	1.0541	136.64	3.4682	1.0074	1.1664	37.074	16.156
#2	1.0538	136.12	3.4545	1.0113	1.1608	36.890	16.108

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48500	428.19	294.70	9.2093	1.0836	.98970	.97354
SDev	.00197	1.05	.26	.0251	.0041	.00132	.00350
%RSD	.40510	.24489	.08805	.27254	.37383	.13317	.35949
#1	.48639	428.93	294.88	9.2270	1.0864	.98877	.97602
#2	.48361	427.45	294.52	9.1916	1.0807	.99063	.97107

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92847	1.0886	.88176	.99260	1.0102	1.0758
SDev	.00377	.0026	.00181	.00284	.0001	.0003
%RSD	.40554	.23652	.20583	.28640	.01231	.02800
#1	.93113	1.0904	.88048	.99461	1.0103	1.0760
#2	.92581	1.0868	.88304	.99059	1.0102	1.0756

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24602	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.1120955	--	--	--	--	--	--
#1	24621	--	--	--	--	--	--
#2	24582	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48993-b-3-a@5 Operator: SRP
Run Time: 01/24/12 19:29:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43673	.00980	.00022	.00300	-.00041	.37486	.00002
SDev	.00170	.00402	.00010	.00004	.00000	.00118	.00002
%RSD	.38889	41.050	44.660	1.4245	.32299	.31550	107.01
#1	.43793	.01265	.00029	.00303	-.00041	.37570	.00003
#2	.43553	.00696	.00015	.00297	-.00041	.37403	.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.283	.00048	.00472	-.00124	.21367	.16053	.00128
SDev	.048	.00024	.00014	.00046	.01586	.00061	.00008
%RSD	.04895	49.370	2.9430	37.297	7.4226	.38018	6.0696
#1	98.317	.00065	.00481	-.00091	.22488	.16010	.00122
#2	98.249	.00031	.00462	-.00156	.20245	.16096	.00133

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00400	28.996	.59609	.00716	.01408	3.6046	3.3830
SDev	.00222	.007	.00029	.00148	.00017	.0052	.0014
%RSD	55.457	.02380	.04867	20.694	1.1947	.14294	.04147
#1	.00557	28.991	.59589	.00821	.01420	3.6010	3.3820
#2	.00243	29.001	.59630	.00611	.01397	3.6083	3.3840

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	76.275	71.262	1.7866	-.00135	.00029	-.00034
SDev	.00052	.165	.206	.0053	.00063	.00152	.00019
%RSD	235.90	.21679	.28856	.29733	46.664	516.47	56.090

#1	.00015	76.159	71.117	1.7829	-.00180	.00136	-.00020
#2	-.00058	76.392	71.408	1.7904	-.00091	-.00078	-.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.01914	.00359	.00012	.00695	.00253
SDev	.00030	.00012	.00147	.00085	.00058	.00304
%RSD	150.08	.61183	40.960	703.64	8.2974	120.22
#1	.00041	.01922	.00464	-.00048	.00735	.00468
#2	-.00001	.01906	.00255	.00072	.00654	.00038

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25418	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0945851	--	--	--	--	--	--
#1	25401	--	--	--	--	--	--
#2	25435	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 19:33:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6078	.55133	.52153	.55580	.45125	.53705	.54855
SDev	.0165	.00105	.00094	.00213	.00218	.00337	.00204
%RSD	.63255	.19025	.18068	.38346	.48263	.62782	.37224
#1	2.6195	.55207	.52219	.55731	.45279	.53944	.55000
#2	2.5961	.55059	.52086	.55429	.44971	.53467	.54711

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.255	.47060	.47245	.47355	2.6183	.53012	.50614
SDev	.062	.00202	.00190	.00206	.0246	.00243	.00170
%RSD	.50279	.42829	.40304	.43419	.94094	.45865	.33616
#1	12.299	.47202	.47380	.47500	2.6357	.53184	.50734
#2	12.212	.46917	.47110	.47209	2.6008	.52840	.50494

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51845	4.7370	.48085	.51298	.59164	13.703	.94052
SDev	.00284	.0297	.00232	.00363	.00364	.065	.00788
%RSD	.54851	.62770	.48217	.70775	.61596	.47133	.83739
#1	.51644	4.7580	.48249	.51554	.59421	13.748	.94609
#2	.52046	4.7160	.47921	.51041	.58906	13.657	.93495

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.24479	13.232	13.486	.27636	.55586	.50630	.51260
SDev	.00073	.096	.073	.00119	.00576	.00372	.00252
%RSD	.29859	.72373	.54003	.42863	1.0365	.73420	.49236
#1	.24531	13.300	13.538	.27720	.55178	.50892	.51439
#2	.24427	13.165	13.435	.27553	.55993	.50367	.51082

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48766	.52966	.46684	.52579	.49309	.53119
SDev	.00248	.00316	.00372	.00069	.00807	.00023
%RSD	.50883	.59738	.79608	.13200	1.6364	.04345

#1	.48942	.53189	.46946	.52628	.48739	.53102	
#2	.48591	.52742	.46421	.52530	.49880	.53135	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25710	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.2337816	--	--	--	--	--	--
#1	25667	--	--	--	--	--	--
#2	25752	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 19:36:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08760	.00339	-.00060	.00034	-.00034	.00391	.00028
SDev	.00007	.00229	.00004	.00005	.00003	.00054	.00011
%RSD	.07801	67.617	7.1172	13.487	8.0921	13.885	37.309
#1	.08755	.00501	-.00063	.00031	-.00036	.00353	.00021
#2	.08764	.00177	-.00057	.00037	-.00032	.00430	.00036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00537	.00055	.00033	-.00148	.00736	-.00007	.00070
SDev	.00360	.00018	.00057	.00038	.01692	.00006	.00020
%RSD	67.008	32.984	171.87	25.807	229.77	90.216	28.610
#1	.00283	.00067	-.00007	-.00175	-.00460	-.00012	.00055
#2	.00792	.00042	.00074	-.00121	.01933	-.00003	.00084

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	-.00736	.00033	.00198	.00090	-.09591	-.01190
SDev	.00039	.00120	.00003	.00060	.00080	.00872	.00042
%RSD	11.176	16.311	8.9496	30.115	88.617	9.0870	3.4869
#1	.00375	-.00821	.00031	.00241	.00034	-.10208	-.01220

#2	.00320	-.00651	.00035	.00156	.00147	-.08975	-.01161

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.09675	.01405	.00029	.00279	-.00042	.00035
SDev	.00028	.08152	.00268	.00006	.00228	.00096	.00003
%RSD	70.931	84.250	19.079	20.853	81.848	227.19	9.8625
#1	.00020	.03911	.01215	.00024	.00440	-.00110	.00032
#2	.00060	.15439	.01595	.00033	.00118	.00026	.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	.00032	.00252	-.00022	.00379	.00331
SDev	.00018	.00008	.00387	.00164	.00421	.00269

%RSD	29.753	26.234	153.76	759.25	111.13	81.105
#1	.00048	.00038	-.00022	.00094	.00081	.00522
#2	.00074	.00026	.00525	-.00137	.00677	.00141

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25998	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1686307	--	--	--	--	--	--
#1	26029	--	--	--	--	--	--
#2	25967	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/24/12 19:40:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17394	.01475	.01047	.01155	.00404	.01311	.00565
SDev	.00092	.00032	.00080	.00005	.00002	.00002	.00007
%RSD	.53131	2.1797	7.6537	.38617	.57089	.17078	1.2269
#1	.17328	.01453	.01104	.01158	.00406	.01312	.00570
#2	.17459	.01498	.00991	.01152	.00403	.01309	.00560

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08274	.00967	.00962	.00793	.11220	.00972	.01103
SDev	.00088	.00055	.00008	.00036	.01337	.00003	.00104
%RSD	1.0604	5.6671	.86584	4.5625	11.921	.26723	9.4010
#1	.08336	.01005	.00956	.00818	.12165	.00970	.01176
#2	.08212	.00928	.00968	.00767	.10274	.00974	.01030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00912	.08469	.01002	.01050	.01222	.54753	-.00279

SDev	.00230	.00217	.00013	.00127	.00048	.00681	.00103
%RSD	25.179	2.5670	1.2597	12.058	3.9007	1.2439	37.005
#1	.01075	.08623	.01011	.01139	.01188	.55235	-.00206
#2	.00750	.08315	.00993	.00960	.01256	.54272	-.00351

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00496	.70899	.61862	.00559	.00844	.00936	.01040
SDev	.00029	.02187	.00177	.00002	.00302	.00300	.00012
%RSD	5.9359	3.0851	.28672	.27693	35.744	32.037	1.1710
#1	.00517	.72445	.61736	.00560	.01057	.01148	.01048
#2	.00475	.69352	.61987	.00558	.00630	.00724	.01031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00978	.01079	.01417	.00946	.01343	.00697
SDev	.00062	.00010	.00017	.00164	.00388	.00150
%RSD	6.3024	.89943	1.2073	17.345	28.921	21.574
#1	.01021	.01086	.01405	.01062	.01618	.00803
#2	.00934	.01072	.01429	.00830	.01068	.00591

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26166	--	--	--	--	--	--
SDev	118.0868	--	--	--	--	--	--
%RSD	.4513074	--	--	--	--	--	--
#1	26249	--	--	--	--	--	--
#2	26082	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/24/12 19:44:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	496.57	.00315	-.00098	.00193	-.00091	.00055	.00315
SDev	1.30	.00153	.00183	.00001	.00001	.00006	.00067
%RSD	.26086	48.566	186.74	.41402	.72917	10.105	21.252
#1	495.66	.00423	-.00227	.00193	-.00090	.00059	.00363
#2	497.49	.00207	.00031	.00192	-.00091	.00051	.00268

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	435.33	.00136	-.00011	.01102	189.12	.00485	.01324
SDev	.68	.00006	.00079	.00025	.26	.00001	.00023
%RSD	.15517	4.1051	697.05	2.2627	.14000	.21683	1.7205
#1	434.86	.00140	.00044	.01119	188.94	.00484	.01308

#2	435.81	.00132	-.00067	.01084	189.31	.00486	.01340

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01767	468.20	-.00700	-.00109	.00059	-.01259	-.00092
SDev	.00106	1.01	.00008	.00181	.00075	.00276	.00022
%RSD	5.9948	.21513	1.1519	166.22	125.77	21.956	23.866
#1	-.01692	467.49	-.00694	.00019	.00112	-.01454	-.00076
#2	-.01842	468.91	-.00705	-.00237	.00007	-.01063	-.00107

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00151	.18859	.18679	-.00828	.02926	-.00271	-.00267
SDev	.00089	.29355	.00785	.00002	.00081	.00506	.00005
%RSD	58.598	155.65	4.2046	.20601	2.7737	186.35	1.8061
#1	-.00089	.39616	.18123	-.00827	.02984	.00086	-.00270
#2	-.00214	-.01898	.19234	-.00830	.02869	-.00629	-.00264

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00711	-.00043	-.06200	.05086	.00503	-.02902
SDev	.00041	.00002	.00299	.00184	.01027	.00354
%RSD	5.7516	4.5885	4.8215	3.6105	204.05	12.214
#1	.00682	-.00044	-.05989	.04956	.01229	-.03153
#2	.00740	-.00041	-.06411	.05216	-.00223	-.02652

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23272	--	--	--	--	--	--
SDev	34.64823	--	--	--	--	--	--
%RSD	.1488806	--	--	--	--	--	--
#1	23297	--	--	--	--	--	--
#2	23248	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/24/12 19:48:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	498.77	1.1209	1.0584	1.1223	.42287	1.0973	.50546
SDev	.39	.0004	.0006	.0011	.00076	.0003	.00107
%RSD	.07908	.03941	.05648	.10021	.18052	.02383	.21092
#1	499.05	1.1212	1.0580	1.1231	.42341	1.0971	.50622
#2	498.49	1.1206	1.0588	1.1215	.42233	1.0975	.50471

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	436.14	.88024	.85303	.98790	195.43	1.3833	.96581
SDev	.79	.00218	.00242	.00162	.37	.0009	.00373
%RSD	.18226	.24732	.28405	.16436	.18729	.06495	.38653
#1	436.71	.88178	.85475	.98904	195.69	1.3840	.96845
#2	435.58	.87870	.85132	.98675	195.17	1.3827	.96317

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99057	470.17	.90488	.98342	1.0481	16.289	.92857
SDev	.00516	.81	.00193	.00297	.0046	.001	.00114
%RSD	.52119	.17126	.21294	.30167	.43864	.00392	.12296
#1	.98692	470.74	.90625	.98132	1.0514	16.290	.92938
#2	.99422	469.60	.90352	.98551	1.0449	16.289	.92776

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51292	12.593	15.066	.54337	1.1024	.97349	.98093
SDev	.00161	.040	.010	.00078	.0050	.00473	.00118
%RSD	.31440	.31370	.06888	.14333	.45617	.48567	.11991

#1	.51406	12.621	15.074	.54392	1.0988	.97683	.98176
#2	.51178	12.565	15.059	.54281	1.1060	.97015	.98010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93035	1.0220	.80918	1.0441	.97022	1.0007
SDev	.00221	.0019	.00295	.0071	.00768	.0116
%RSD	.23778	.18282	.36459	.67759	.79168	1.1576
#1	.93191	1.0233	.80710	1.0491	.97565	.99255
#2	.92879	1.0207	.81127	1.0391	.96479	1.0089

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23502	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1985748	--	--	--	--	--	--
#1	23469	--	--	--	--	--	--
#2	23535	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/24/12 19:52:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8185	.55297	.53146	.55641	.45471	.53935	.55620
SDev	.0118	.00677	.01346	.00915	.00710	.00886	.00792
%RSD	.41744	1.2235	2.5322	1.6449	1.5613	1.6431	1.4243

#1	2.8268	.55775	.54097	.56288	.45973	.54562	.56180
#2	2.8102	.54818	.52194	.54994	.44969	.53308	.55060

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.583	.47384	.47632	.47158	2.7199	.53040	.51241
SDev	.149	.00775	.00723	.00718	.0196	.00763	.00762
%RSD	1.1869	1.6356	1.5173	1.5223	.72054	1.4387	1.4876
#1	12.688	.47932	.48143	.47665	2.7338	.53580	.51780
#2	12.477	.46836	.47121	.46650	2.7061	.52501	.50702

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52142	4.9815	.48459	.51880	.59421	13.705	.93607
SDev	.00383	.0440	.00762	.00819	.00620	.204	.01544
%RSD	.73500	.88405	1.5720	1.5786	1.0437	1.4900	1.6495
#1	.52413	5.0126	.48998	.52459	.59859	13.849	.94699
#2	.51871	4.9504	.47920	.51301	.58982	13.560	.92516

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.24508	13.233	13.344	.27738	.56840	.51385	.51474
SDev	.00357	.084	.187	.00445	.01307	.00557	.00864
%RSD	1.4568	.63132	1.4034	1.6044	2.2989	1.0837	1.6779
#1	.24760	13.292	13.476	.28053	.57764	.51779	.52085
#2	.24255	13.174	13.211	.27424	.55916	.50991	.50864

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48929	.53452	.47135	.53294	.50062	.53187
SDev	.00779	.00805	.00588	.00850	.00108	.00521
%RSD	1.5916	1.5063	1.2466	1.5942	.21656	.97908
#1	.49480	.54021	.47550	.53894	.50139	.53555
#2	.48378	.52882	.46719	.52693	.49986	.52819

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25922	--	--	--	--	--	--
SDev	297.6920	--	--	--	--	--	--
%RSD	1.148436	--	--	--	--	--	--
#1	25711	--	--	--	--	--	--
#2	26132	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/24/12 19:56:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11030	.00395	.00069	.00043	-.00025	.00322	.00027
SDev	.01906	.00033	.00148	.00002	.00004	.00050	.00014
%RSD	17.279	8.2879	213.68	5.0331	17.270	15.573	53.119
#1	.09682	.00372	.00174	.00042	-.00022	.00287	.00017
#2	.12377	.00418	-.00035	.00045	-.00028	.00358	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03293	.00047	.00019	-.00172	.00624	-.00001	.00132
SDev	.02204	.00003	.00026	.00008	.01507	.00005	.00026
%RSD	66.943	5.9281	137.74	4.4254	241.42	392.71	19.340
#1	.01734	.00045	.00000	-.00178	-.00441	-.00005	.00114
#2	.04851	.00049	.00037	-.00167	.01690	.00002	.00150

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.02457	.00032	.00210	.00057	-.08933	-.01416
SDev	.00194	.02553	.00003	.00079	.00013	.01847	.00012
%RSD	421.48	103.92	9.2754	37.542	22.649	20.682	.82548
#1	-.00091	.00651	.00030	.00266	.00048	-.10239	-.01424
#2	.00183	.04262	.00034	.00154	.00066	-.07626	-.01407

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.01160	.04076	.00030	.00154	-.00188	.00029
SDev	.00031	.04219	.00147	.00000	.00204	.00126	.00003
%RSD	296.38	363.76	3.6093	1.1205	132.13	67.394	11.478
#1	-.00032	-.01823	.04180	.00030	.00010	-.00277	.00027
#2	.00011	.04143	.03972	.00030	.00298	-.00098	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00029	.00373	.00012	-.00163	.00150
SDev	.00009	.00002	.00075	.00001	.00891	.00155
%RSD	16.096	5.2361	20.086	7.3790	546.95	103.01
#1	.00048	.00028	.00320	.00011	-.00793	.00260
#2	.00060	.00030	.00426	.00012	.00467	.00041

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26362	--	--	--	--	--	--
SDev	140.7142	--	--	--	--	--	--
%RSD	.5337667	--	--	--	--	--	--
#1	26462	--	--	--	--	--	--
#2	26263	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Batch Number: 70423 Batch Start Date: 01/19/12 12:07 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 200.7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010	METSPIKEB 00011
MB 600-70423/1		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-70423/2		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Batch Number: 70423 Batch Start Date: 01/19/12 12:07 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010
600-48993-A-1	2012-MW-13	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-1	2012-MW-13	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-A-2	2012-MW-14	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-2	2012-MW-14	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-A-3	2012-MW-12	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-3	2012-MW-12	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-3 DU	2012-MW-12	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-3 MS	2012-MW-12	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48993-B-3 MSD	2012-MW-12	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48993-A-4	2012-MW-19	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-4	2012-MW-19	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-A-5	2012-MW-18	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-A-5 DU	2012-MW-18	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-A-5 MS	2012-MW-18	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48993-A-5 MSD	2012-MW-18	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48993-B-5	2012-MW-18	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-A-6	2012-MW-FD	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-6	2012-MW-FD	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-A-7	2012-MW-16	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-7	2012-MW-16	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-A-8	2012-MW-16S	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-8	2012-MW-16S	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-A-9	2012-B5N	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48993-B-9	2012-B5N	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
600-48993-A-1	2012-MW-13	3010A, 6010B	D						
600-48993-B-1	2012-MW-13	3010A, 6010B	T						
600-48993-A-2	2012-MW-14	3010A, 6010B	D						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Batch Number: 70423 Batch Start Date: 01/19/12 12:07 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
600-48993-B-2	2012-MW-14	3010A, 6010B	T						
600-48993-A-3	2012-MW-12	3010A, 6010B	D						
600-48993-B-3	2012-MW-12	3010A, 6010B	T						
600-48993-B-3 DU	2012-MW-12	3010A, 6010B	T						
600-48993-B-3 MS	2012-MW-12	3010A, 6010B	T	250 uL					
600-48993-B-3 MSD	2012-MW-12	3010A, 6010B	T	250 uL					
600-48993-A-4	2012-MW-19	3010A, 6010B	D						
600-48993-B-4	2012-MW-19	3010A, 6010B	T						
600-48993-A-5	2012-MW-18	3010A, 6010B	D						
600-48993-A-5 DU	2012-MW-18	3010A, 6010B	D						
600-48993-A-5 MS	2012-MW-18	3010A, 6010B	D	250 uL					
600-48993-A-5 MSD	2012-MW-18	3010A, 6010B	D	250 uL					
600-48993-B-5	2012-MW-18	3010A, 6010B	T						
600-48993-A-6	2012-MW-FD	3010A, 6010B	D						
600-48993-B-6	2012-MW-FD	3010A, 6010B	T						
600-48993-A-7	2012-MW-16	3010A, 6010B	D						
600-48993-B-7	2012-MW-16	3010A, 6010B	T						
600-48993-A-8	2012-MW-16S	3010A, 6010B	D						
600-48993-B-8	2012-MW-16S	3010A, 6010B	T						
600-48993-A-9	2012-B5N	3010A, 6010B	D						
600-48993-B-9	2012-B5N	3010A, 6010B	T						

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95
ID number of the thermometer	516

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Batch Number: 70423 Batch Start Date: 01/19/12 12:07 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Basis	Basis Description
T	Total/NA
D	Dissolved

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-MW-13	600-48993-1
2012-MW-13	600-48993-1 DL2
2012-MW-14	600-48993-2
2012-MW-14	600-48993-2 DL2
2012-MW-12	600-48993-3
2012-MW-12	600-48993-3 DL2
2012-MW-19	600-48993-4
2012-MW-19	600-48993-4 DL
2012-MW-18	600-48993-5
2012-MW-18	600-48993-5 DL
2012-MW-FD	600-48993-6
2012-MW-FD	600-48993-6 DL
2012-MW-16	600-48993-7
2012-MW-16	600-48993-7 DL
2012-MW-16S	600-48993-8
2012-MW-16S	600-48993-8 DL
2012-B5N	600-48993-9
2012-B5N	600-48993-9 DL

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-13DL2 Lab Sample ID: 600-48993-1

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 15:10

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1200	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-13 Lab Sample ID: 600-48993-1

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 15:10

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	2230	10.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-14DL2 Lab Sample ID: 600-48993-2

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 16:00

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	2630	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-14 Lab Sample ID: 600-48993-2

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 16:00

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	4180	20.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-12DL2 Lab Sample ID: 600-48993-3

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 16:50

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	2520	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-12 Lab Sample ID: 600-48993-3

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/16/2012 16:50

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	1960	20.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-19DL
Lab Sample ID: 600-48993-4
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 10:00
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	854	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-19 Lab Sample ID: 600-48993-4

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 10:00

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	1760	10.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-18DL
Lab Sample ID: 600-48993-5
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 11:25
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	453	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-18 Lab Sample ID: 600-48993-5

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 11:25

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	1040	10.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-FDDL
Lab Sample ID: 600-48993-6
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 11:25
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	455	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-FD
Lab Sample ID: 600-48993-6
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 11:25
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	1220	10.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-16DL
Lab Sample ID: 600-48993-7
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 13:20
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	298	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-16 Lab Sample ID: 600-48993-7

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 13:20

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	1380	10.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-16SDL
Lab Sample ID: 600-48993-8
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 14:30
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1080	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-16S
Lab Sample ID: 600-48993-8
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 14:30
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	7980	20.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-B5NDL
Lab Sample ID: 600-48993-9
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 16:20
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	889	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-B5N
Lab Sample ID: 600-48993-9
Lab Name: TestAmerica Houston
Job No.: 600-48993-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 16:20
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	1550	10.0		mg/L			1	SM 2540C

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Analyst: SUP Batch Start Date: 01/19/2012

Reporting Units: mg/L Analytical Batch No.: 70502

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	ICV	15:24	Sulfate	21.36	20.0	107	90-110		ICV/LCS_00009
3	ICB	15:41	Sulfate	0.175				U	
14	CCV	18:59	Sulfate	21.22	20.0	106	90-110		CCV_00005
15	CCB	19:16	Sulfate	0.175				U	
22	CCV	21:22	Sulfate	21.34	20.0	107	90-110		CCV_00005
23	CCB	21:40	Sulfate	0.175				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 70502	Date: 01/19/2012 15:59						
300.0	MB 600-70502/4	Sulfate	0.200	U	mg/L	0.500	1
Batch ID: 70370	Date: 01/18/2012 17:26						
SM 2540C	MB 600-70370/1	Total Dissolved Solids	10.0	U	mg/L	10.0	1
Batch ID: 70766	Date: 01/24/2012 14:03						
SM 2540C	MB 600-70766/1	Total Dissolved Solids	10.0	U	mg/L	10.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 70502		Date: 01/19/2012 17:29									
300.0	600-48993-1	Sulfate	1200		mg/L						
300.0	600-48993-1 MS DL2	Sulfate	2179		mg/L	1000	98	80-120			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 70502	Date: 01/19/2012 17:11							
300.0	2012-MW-13	600-48993-1 DL2	Sulfate	1200	mg/L			
300.0	2012-MW-13	600-48993-1 DU DL2	Sulfate	1180	mg/L	2	20	
Batch ID: 70370	Date: 01/18/2012 17:26							
SM 2540C	2012-MW-FD	600-48993-6	Total Dissolved Solids	1220	mg/L			
SM 2540C	2012-MW-FD	600-48993-6 DU	Total Dissolved Solids	1090	mg/L	11	10	F
Batch ID: 70766	Date: 01/24/2012 14:03							
SM 2540C	2012-MW-16	600-48993-7	Total Dissolved Solids	1380	mg/L			
SM 2540C	2012-MW-16	600-48993-7 DU	Total Dissolved Solids	1188	mg/L	15	10	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 70502	Date: 01/19/2012 16:17										
						LCS Source: ICV/LCS_00009					
300.0	LCS 600-70502/5	Sulfate	21.31		mg/L	20.0	107	90-110			
Batch ID: 70370	Date: 01/18/2012 17:26										
						LCS Source: TDSILCS_00043					
SM 2540C	LCS 600-70370/2	Total Dissolved Solids	1906		mg/L	1800	106	90-110			
Batch ID: 70766	Date: 01/24/2012 14:03										
						LCS Source: TDSILCS_00043					
SM 2540C	LCS 600-70766/2	Total Dissolved Solids	1848		mg/L	1800	103	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG Number:

Matrix: Water Instrument ID: WC16

Method: 300.0 MDL Date: 11/09/2005 15:02

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfate		0.5	0.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG Number:

Matrix: Water Instrument ID: WC16

Method: 300.0 XMDL Date: 01/13/2006 16:07

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfate		0.5	0.1749

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG Number:

Matrix: Water Instrument ID: B1

Method: SM 2540C RL Date: 03/03/2008 18:50

Analyte	Wavelength/ Mass	RL (mg/L)	
Total Dissolved Solids		10	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-48993-1

SDG Number:

Matrix: Water Instrument ID: B1

Method: SM 2540C XMDL Date: 06/09/2008 17:41

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Dissolved Solids		10	1.53

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Instrument ID: WC16 Method: 300.0

Start Date: 01/19/2012 15:06 End Date: 01/19/2012 21:58

Lab Sample ID	D / F	Type	Time	Analytes																			
				SO4																			
RINSE 600-70502/1			15:06																				
ICV 600-70502/2	1		15:24	X																			
ICB 600-70502/3	1		15:41	X																			
MB 600-70502/4	1	T	15:59	X																			
LCS 600-70502/5	1	T	16:17	X																			
ZZZZZZ			16:35																				
600-48993-1 DL2	100	T	16:53	X																			
600-48993-1 DU DL2	100	T	17:11	X																			
600-48993-1 MS DL2	100	T	17:29	X																			
ZZZZZZ			17:47																				
600-48993-2 DL2	100	T	18:05	X																			
ZZZZZZ			18:23																				
600-48993-3 DL2	100	T	18:41	X																			
CCV 600-70502/14	1		18:59	X																			
CCB 600-70502/15	1		19:16	X																			
600-48993-4 DL	100	T	19:34	X																			
600-48993-5 DL	100	T	19:52	X																			
600-48993-6 DL	100	T	20:10	X																			
600-48993-7 DL	100	T	20:28	X																			
600-48993-8 DL	100	T	20:46	X																			
600-48993-9 DL	100	T	21:04	X																			
CCV 600-70502/22	1		21:22	X																			
CCB 600-70502/23	1		21:40	X																			
ZZZZZZ			21:58																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Instrument ID: B1 Method: SM 2540C

Start Date: 01/18/2012 17:26 End Date: 01/18/2012 17:26

Lab Sample ID	D / F	Type	Time	Analytes																				
				TDS																				
MB 600-70370/1	1	T	17:26	X																				
LCS 600-70370/2	1	T	17:26	X																				
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
ZZZZZZ			17:26																					
600-48993-1	1	T	17:26	X																				
600-48993-2	1	T	17:26	X																				
600-48993-3	1	T	17:26	X																				
600-48993-4	1	T	17:26	X																				
600-48993-5	1	T	17:26	X																				
600-48993-6	1	T	17:26	X																				
600-48993-6 DU	1	T	17:26	X																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Instrument ID: B1 Method: SM 2540C

Start Date: 01/24/2012 14:03 End Date: 01/24/2012 14:05

Lab Sample ID	D / F	Type	Time	Analytes																			
				TDS																			
MB 600-70766/1	1	T	14:03	X																			
LCS 600-70766/2	1	T	14:03	X																			
600-48993-7	1	T	14:03	X																			
600-48993-7 DU	1	T	14:03	X																			
600-48993-8	1	T	14:03	X																			
600-48993-9	1	T	14:03	X																			
ZZZZZZ			14:03																				
ZZZZZZ			14:03																				
ZZZZZZ			14:03																				
ZZZZZZ			14:03																				
ZZZZZZ			14:03																				
ZZZZZZ			14:03																				
ZZZZZZ			14:05																				

Prep Types

T = Total/NA

Batch 70502 → 300-28D

Sequence: 011912
Operator: Houston_wetchem_inst

Printed: 1/19/2012 6:06:52 PM

Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100
#Samples: 32

MS-(723649) 0.25 ml → 5 ml of 8X

Created: 1/19/2012 2:53:30 PM by Houston_wetchem_inst
Last Update: 1/19/2012 6:06:40 PM by Houston_wetchem_inst

Rec 1/20/12

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time
1	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished	
2	CAL1 651187	Standard	2	10.0	AnionsC	CAL010612	Finished	
3	CAL2 651188	Standard	3	10.0	AnionsC	CAL010612	Finished	
4	CAL3 651189	Standard	4	10.0	AnionsC	CAL010612	Finished	
5	CAL4 651190	Standard	5	10.0	AnionsC	CAL010612	Finished	
6	CAL5 651196	Standard	6	10.0	AnionsC	CAL010612	Finished	
7	CAL6 651192	Standard	7	10.0	AnionsC	CAL010612	Finished	
8	CAL7 673800	Standard	8	10.0	AnionsC	CAL010612	Finished	
9	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished	1/19/2012 3:06:30 PM
10	ICV 759991	Unknown	2	10.0	AnionsC	CAL010612	Finished	1/19/2012 3:24:01 PM
11	ICB	Unknown	3	10.0	AnionsC	CAL010612	Finished	1/19/2012 3:41:57 PM
12	MB	Unknown	4	10.0	AnionsC	CAL010612	Finished	1/19/2012 3:59:52 PM
13	LCS 759991	Unknown	5	10.0	AnionsC	CAL010612	Finished	1/19/2012 4:17:47 PM
14	600-48993-c-1	Unknown	6	10.0	AnionsC	CAL010612	Finished	1/19/2012 4:35:42 PM
15	600-48993-c-1	Unknown	7	10.0	AnionsC	CAL010612	Finished	1/19/2012 4:53:37 PM
16	600-48993-c-1 DU	Unknown	8	10.0	AnionsC	CAL010612	Finished	1/19/2012 5:11:33 PM
17	600-48993-c-1 MS	Unknown	9	10.0	AnionsC	CAL010612	Finished	1/19/2012 5:29:28 PM
18	600-48993-c-2	Unknown	10	10.0	AnionsC	CAL010612	Finished	1/19/2012 5:47:23 PM
[redacted]	600-48993-c-2	Unknown	11	10.0	AnionsC	CAL010612	Running	1/19/2012 6:05:18 PM
20	600-48993-c-3	Unknown	12	10.0	AnionsC	CAL010612	Single	
21	600-48993-c-3	Unknown	13	10.0	AnionsC	CAL010612	Single	
22	CCV 712406	Unknown	14	10.0	AnionsC	CAL010612	Single	
23	CCB	Unknown	15	10.0	AnionsC	CAL010612	Single	
24	600-48993-c-4	Unknown	16	10.0	AnionsC	CAL010612	Single	
25	600-48993-c-5	Unknown	17	10.0	AnionsC	CAL010612	Single	
26	600-48993-c-6	Unknown	18	10.0	AnionsC	CAL010612	Single	
27	600-48993-c-7	Unknown	19	10.0	AnionsC	CAL010612	Single	
28	600-48993-c-8	Unknown	20	10.0	AnionsC	CAL010612	Single	
29	600-48993-c-9	Unknown	21	10.0	AnionsC	CAL010612	Single	
30	CCV 712406	Unknown	22	10.0	AnionsC	CAL010612	Single	
31	CCB	Unknown	23	10.0	AnionsC	CAL010612	Single	
32	sd	Unknown	24	10.0	Shutdown	CAL010612	Single	

Chromeleon © Dionex Corporation, Version 6.80 SR7 Build 2528 (148369)

Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100 Created: 1/19/2012 2:53:30 PM by Houston_wetchem_inst
#Samples: 32 Last Update: 1/19/2012 6:06:40 PM by Houston_wetchem_inst

No.	Name	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
1	RINSE	1.0000	1.0000	1.0000		01	
2	CAL1 651187	1.0000	1.0000	1.0000		01	
3	CAL2 651188	1.0000	1.0000	1.0000		01	
4	CAL3 651189	1.0000	1.0000	1.0000		01	
5	CAL4 651190	1.0000	1.0000	1.0000		01	
6	CAL5 651196	1.0000	1.0000	1.0000		01	
7	CAL6 651192	1.0000	1.0000	1.0000		01	
8	CAL7 673800	1.0000	1.0000	1.0000		01	
9	RINSE	1.0000	1.0000	1.0000		01	
10	ICV 759991	1.0000	1.0000	1.0000		01	
11	ICB	1.0000	1.0000	1.0000		01	
12	MB	1.0000	1.0000	1.0000		01	
13	LCS 759991	1.0000	1.0000	1.0000		01	
14	600-48993-c-1	10.0000	10.0000	1.0000		01	
15	600-48993-c-1	100.0000	100.0000	1.0000		01	
16	600-48993-c-1 DU	100.0000	100.0000	1.0000		01	
17	600-48993-c-1 MS	100.0000	100.0000	1.0000		01	
18	600-48993-c-2	10.0000	10.0000	1.0000		01	
[redacted]	600-48993-c-2	100.0000	100.0000	1.0000		01	
20	600-48993-c-3	10.0000	10.0000	1.0000		01	
21	600-48993-c-3	100.0000	100.0000	1.0000		01	
22	CCV 712406	1.0000	1.0000	1.0000		01	
23	CCB	1.0000	1.0000	1.0000		01	
24	600-48993-c-4	100.0000	100.0000	1.0000		01	
25	600-48993-c-5	100.0000	100.0000	1.0000		01	
26	600-48993-c-6	100.0000	100.0000	1.0000		01	
27	600-48993-c-7	100.0000	100.0000	1.0000		01	
28	600-48993-c-8	100.0000	100.0000	1.0000		01	
29	600-48993-c-9	100.0000	100.0000	1.0000		01	
30	CCV 712406	1.0000	1.0000	1.0000		01	
31	CCB	1.0000	1.0000	1.0000		01	
32	sd	1.0000	1.0000	1.0000		01	

1 RINSE

Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**n.a.**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011912 #1 RINSE ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\1.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

2 CAL1 651187

Sample Name:	**CAL1 651187**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011912 #2 CAL1 651187 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\2.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

3 CAL2 651188

Sample Name:	**CAL2 651188**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011912 #3 CAL2 651188 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\3.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

4 CAL3 651189

Sample Name:	**CAL3 651189**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011912 #4 CAL3 651189 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\4.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

5 CAL4 651190

Sample Name:	**CAL4 651190**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

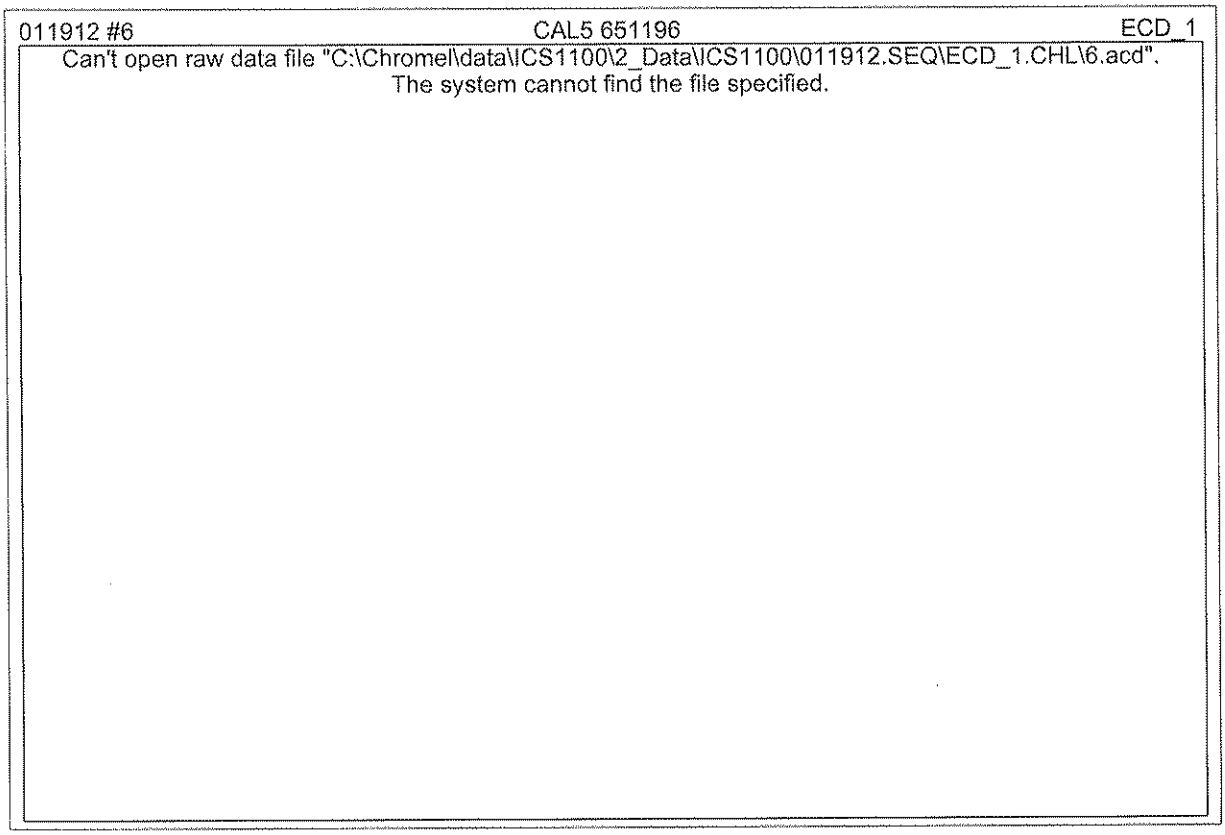
011912 #5 CAL4 651190 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\5.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

6 CAL5 651196

Sample Name:	**CAL5 651196**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**



n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

7 CAL6 651192

Sample Name:	**CAL6 651192**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011912 #7 CAL6 651192 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\7.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

011912 #8 CAL7 673800 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\8.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\011912.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

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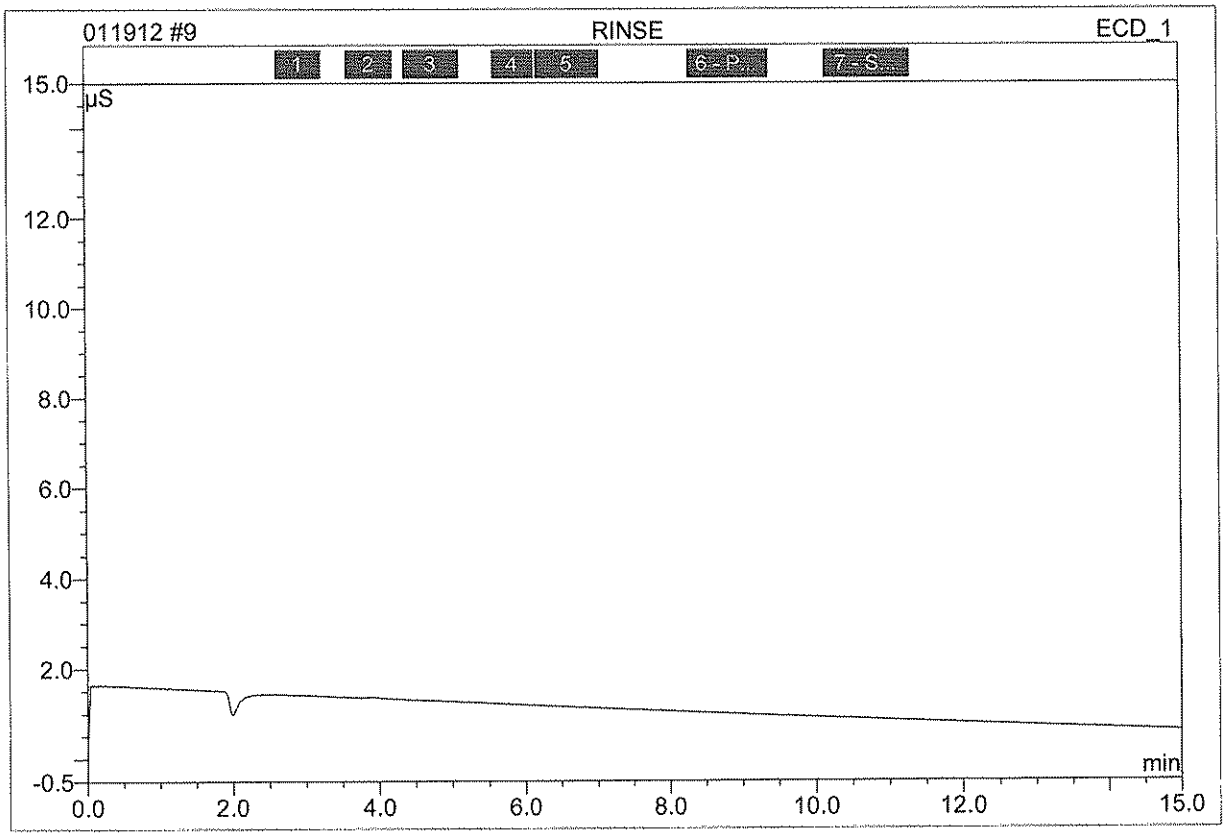
n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
Average:					n.a.	n.a.	n.a.	n.a.

9 RINSE

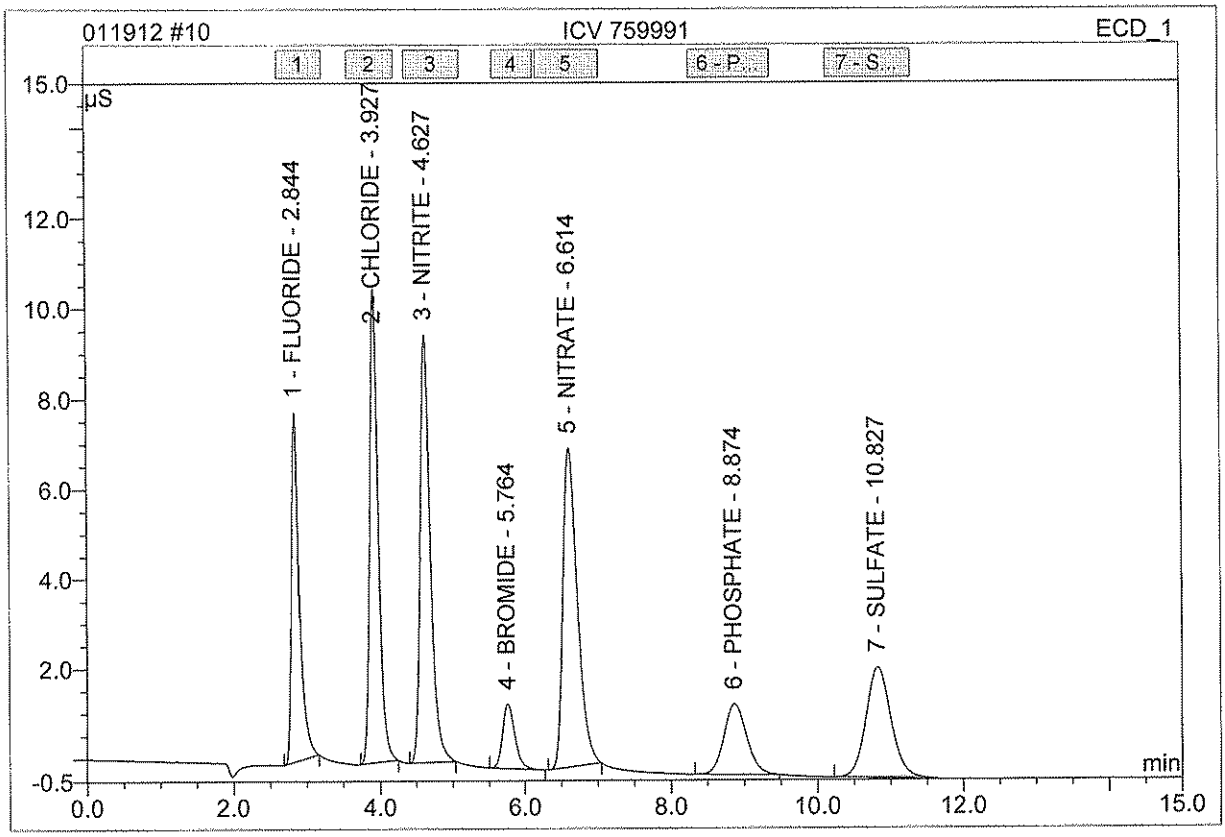
Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 15:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

10 ICV 759991

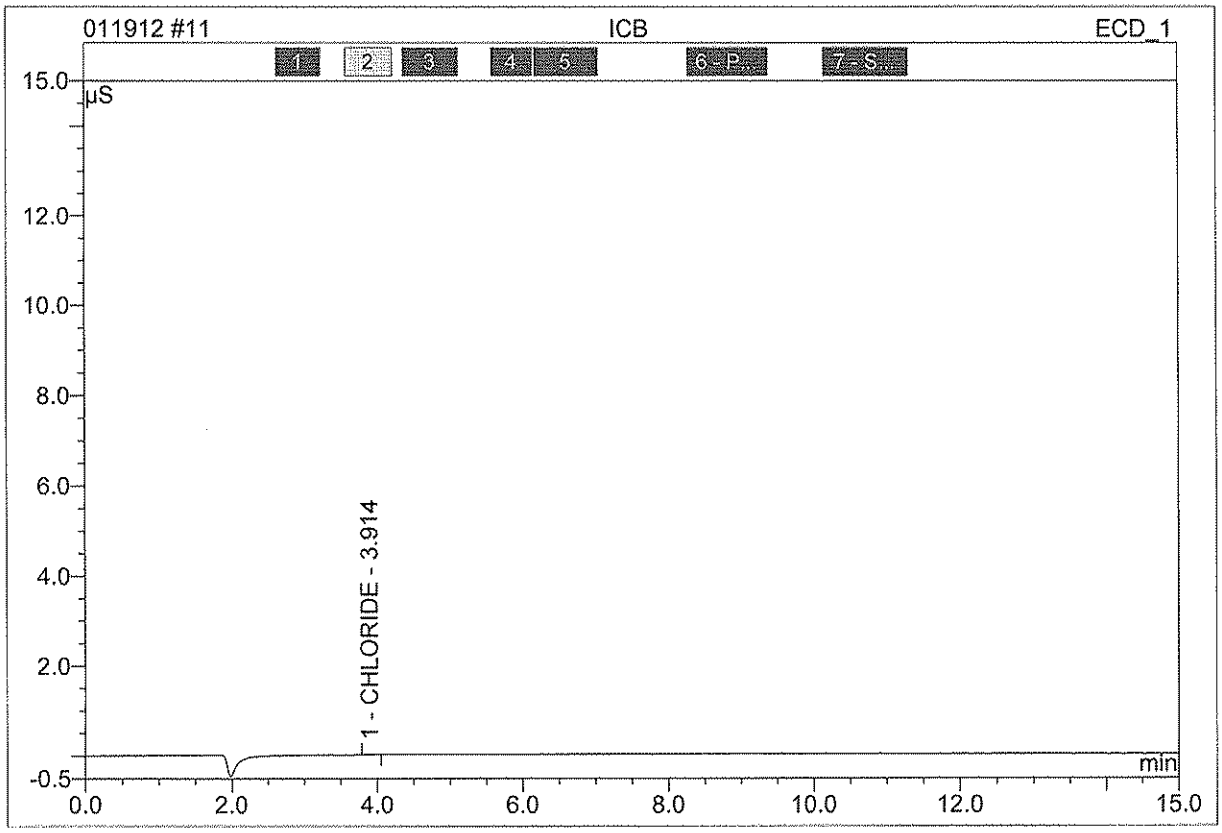
Sample Name:	**ICV 759991**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 15:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.778	0.967	13.10	9.619	BMB
2	3.93	CHLORIDE	10.524	1.413	19.15	19.794	BMB
3	4.63	NITRITE	9.510	1.555	21.07	10.063	BMB
4	5.76	BROMIDE	1.435	0.283	3.83	10.483	BMB
5	6.61	NITRATE	7.109	1.629	22.08	10.591	BMB
6	8.87	PHOSPHATE	1.568	0.564	7.65	11.016	BMB
7	10.83	SULFATE	2.445	0.968	13.12	21.356	BMB
Total:			40.369	7.380	100.00	92.921	

11 ICB

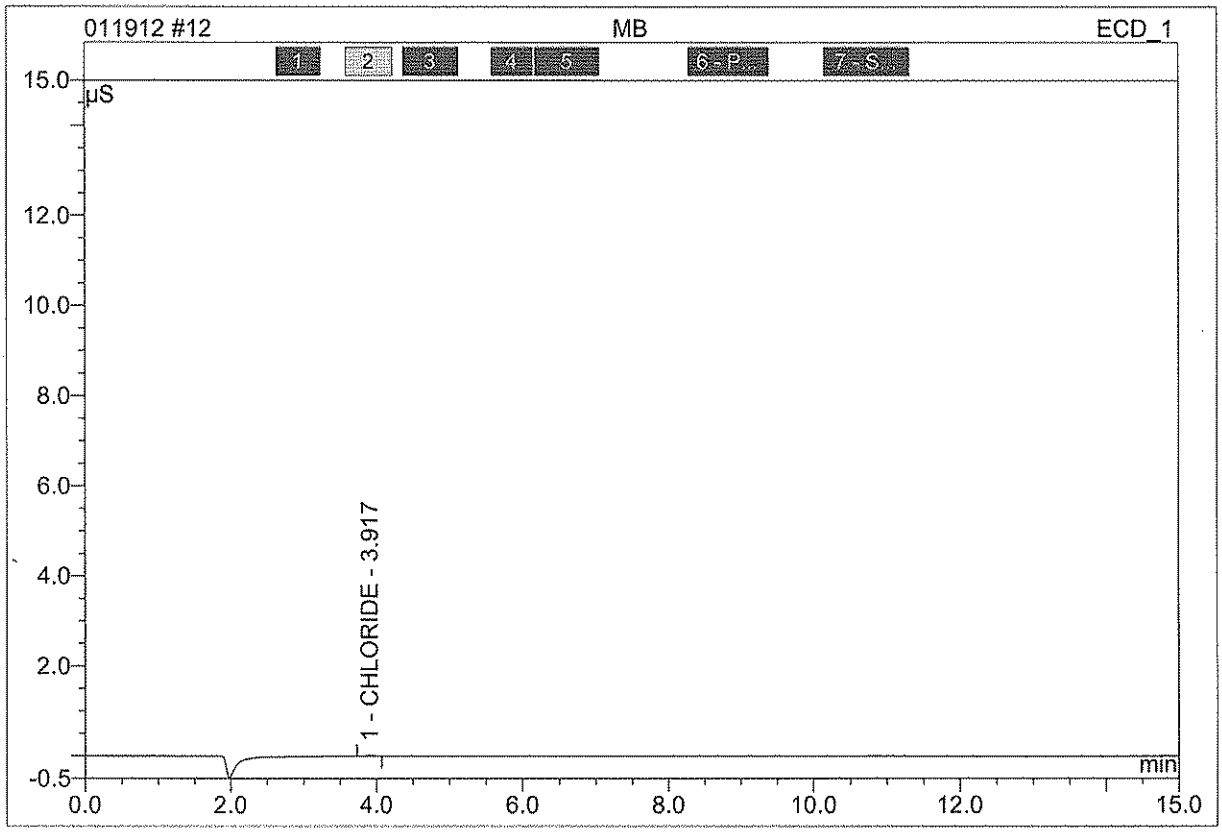
Sample Name:	**ICB**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 15:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.91	CHLORIDE	0.017	0.002	100.00	0.733	BMB
Total:			0.017	0.002	100.00	0.733	

12 MB

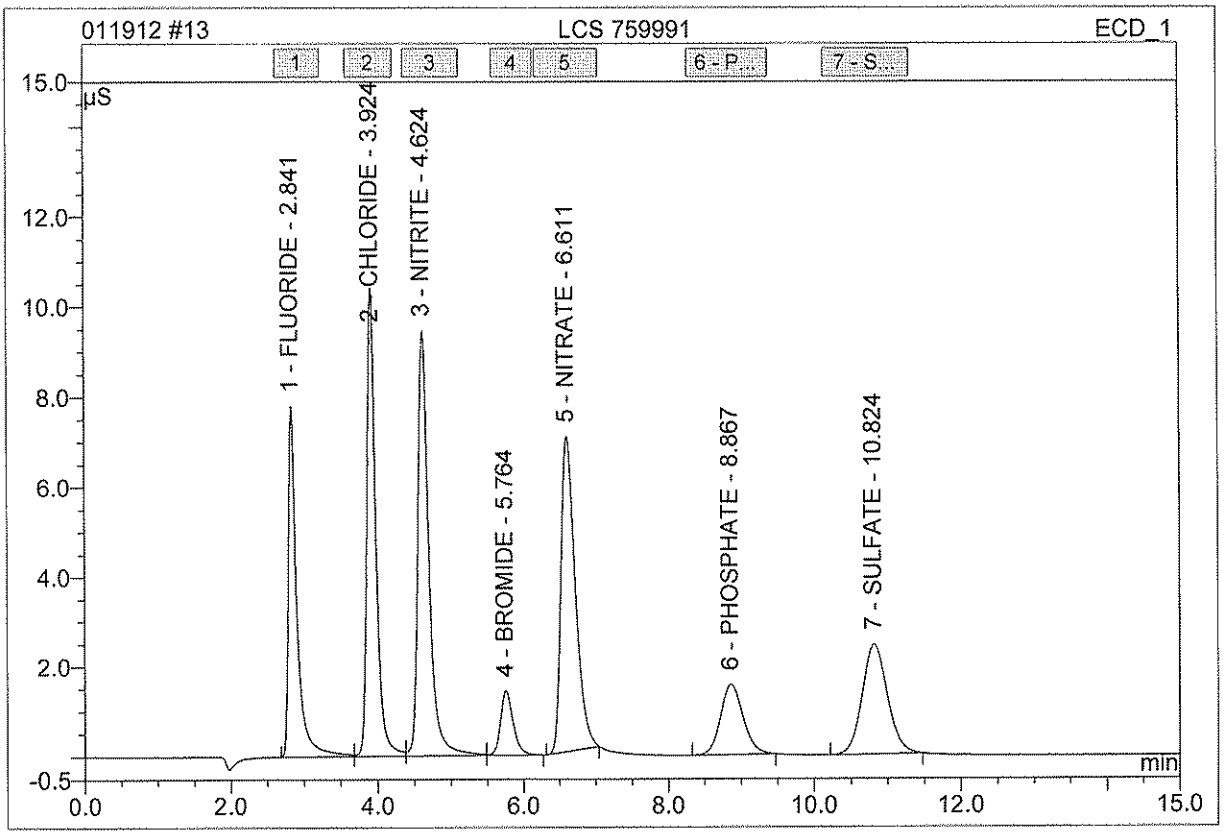
Sample Name:	**MB**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 15:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	0.019	0.003	100.00	0.740	BMB
Total:			0.019	0.003	100.00	0.740	

13 LCS 759991

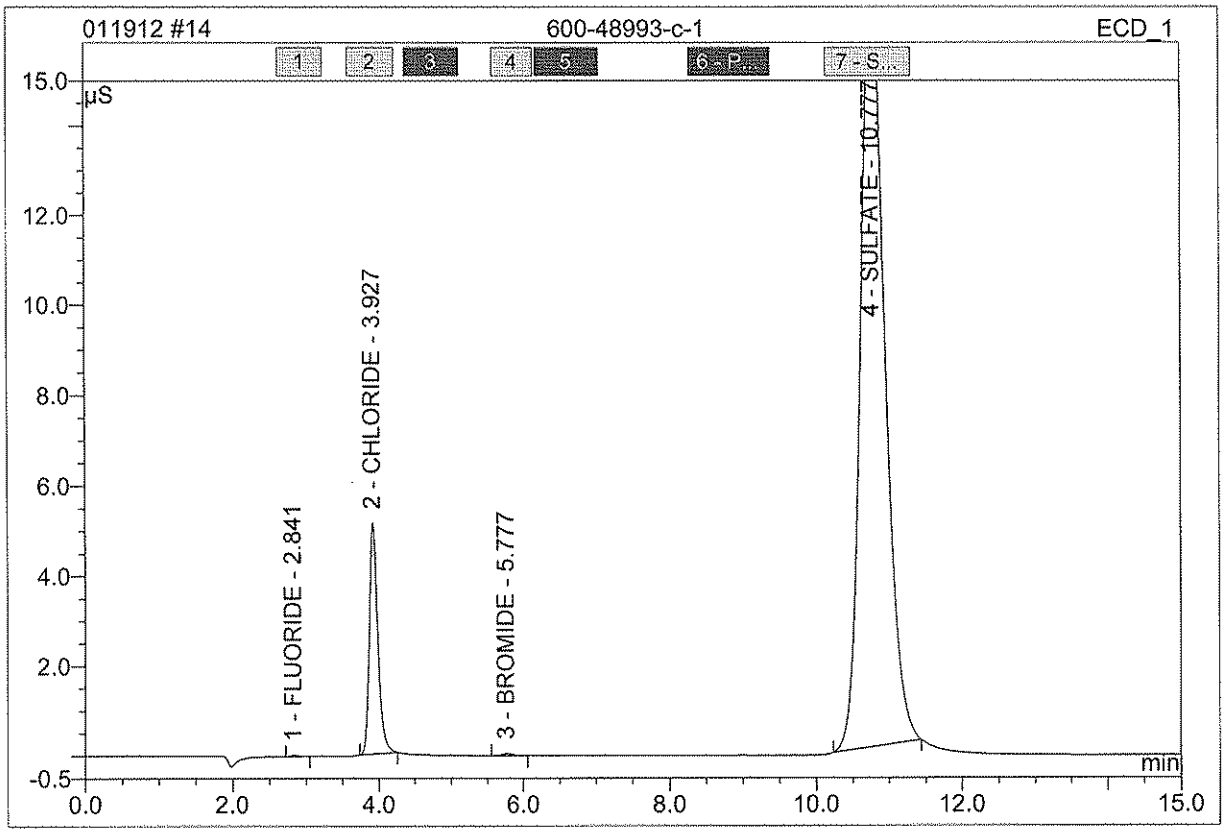
Sample Name:	**LCS 759991**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 16:17**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.799	1.069	14.03	10.607	BM
2	3.92	CHLORIDE	10.415	1.465	19.24	20.497	M
3	4.62	NITRITE	9.453	1.648	21.65	10.654	M
4	5.76	BROMIDE	1.426	0.289	3.80	10.725	MB
5	6.61	NITRATE	7.006	1.616	21.22	10.507	BMB
6	8.87	PHOSPHATE	1.555	0.561	7.36	10.944	BMB
7	10.82	SULFATE	2.434	0.966	12.69	21.312	BMB
Total:			40.088	7.614	100.00	95.246	

14 600-48993-c-1

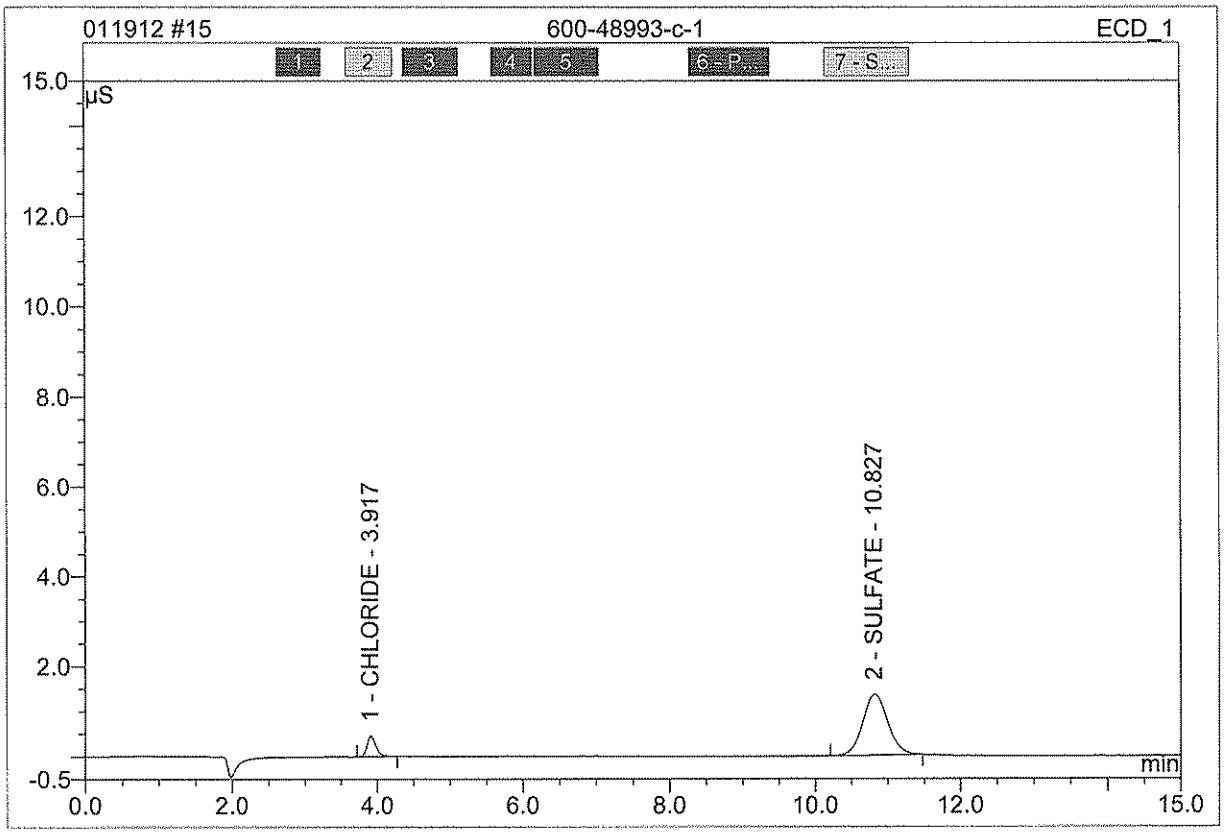
Sample Name:	**600-48993-c-1**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/19/2012 16:35**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	0.036	0.005	0.07	0.276	BMB
2	3.93	CHLORIDE	5.132	0.693	9.54	10.061	BMB
3	5.78	BROMIDE	0.047	0.009	0.13	0.378	BMB
4	10.78	SULFATE	17.207	6.551	90.27	143.332	BMB
Total:			22.421	7.257	100.00	154.047	

15 600-48993-c-1

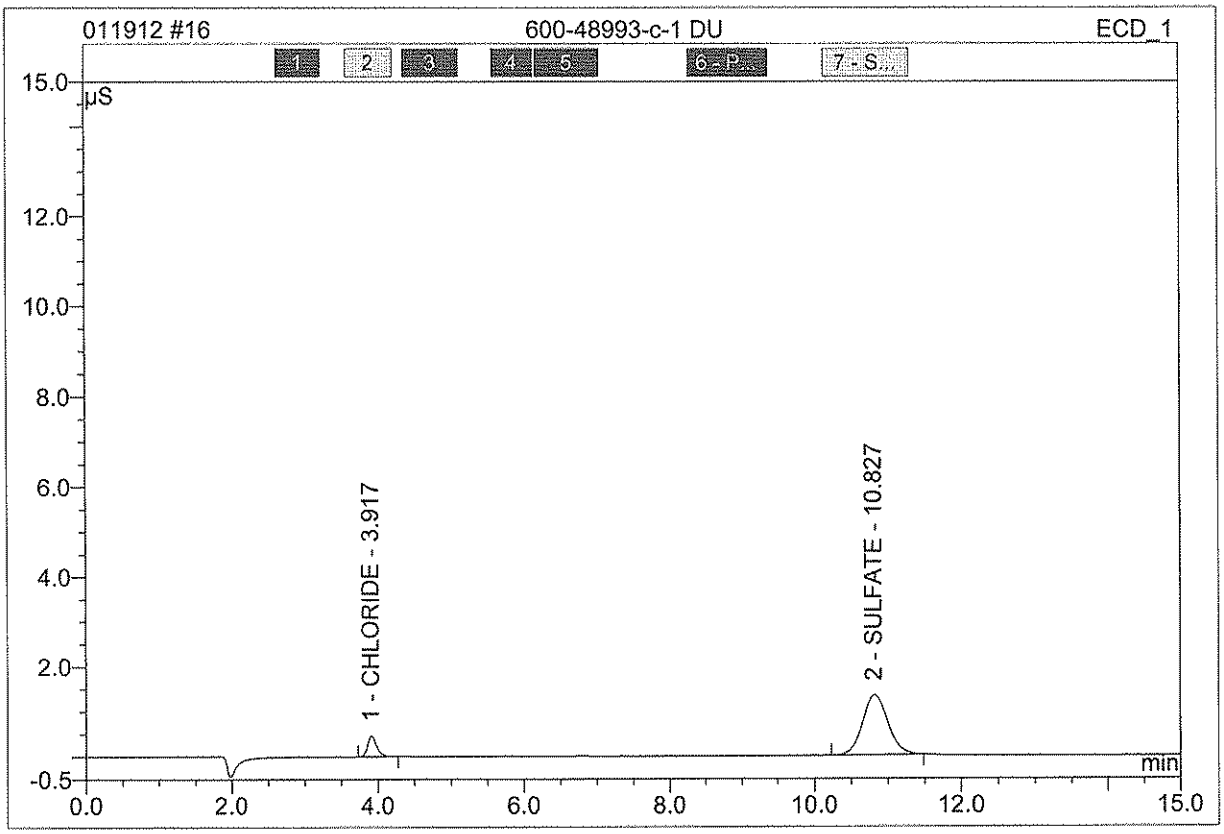
Sample Name:	**600-48993-c-1**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 16:53**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	0.460	0.065	10.75	1.586	BMB
2	10.83	SULFATE	1.354	0.542	89.25	12.033	BMB
Total:			1.814	0.607	100.00	13.619	

16 600-48993-c-1 DU

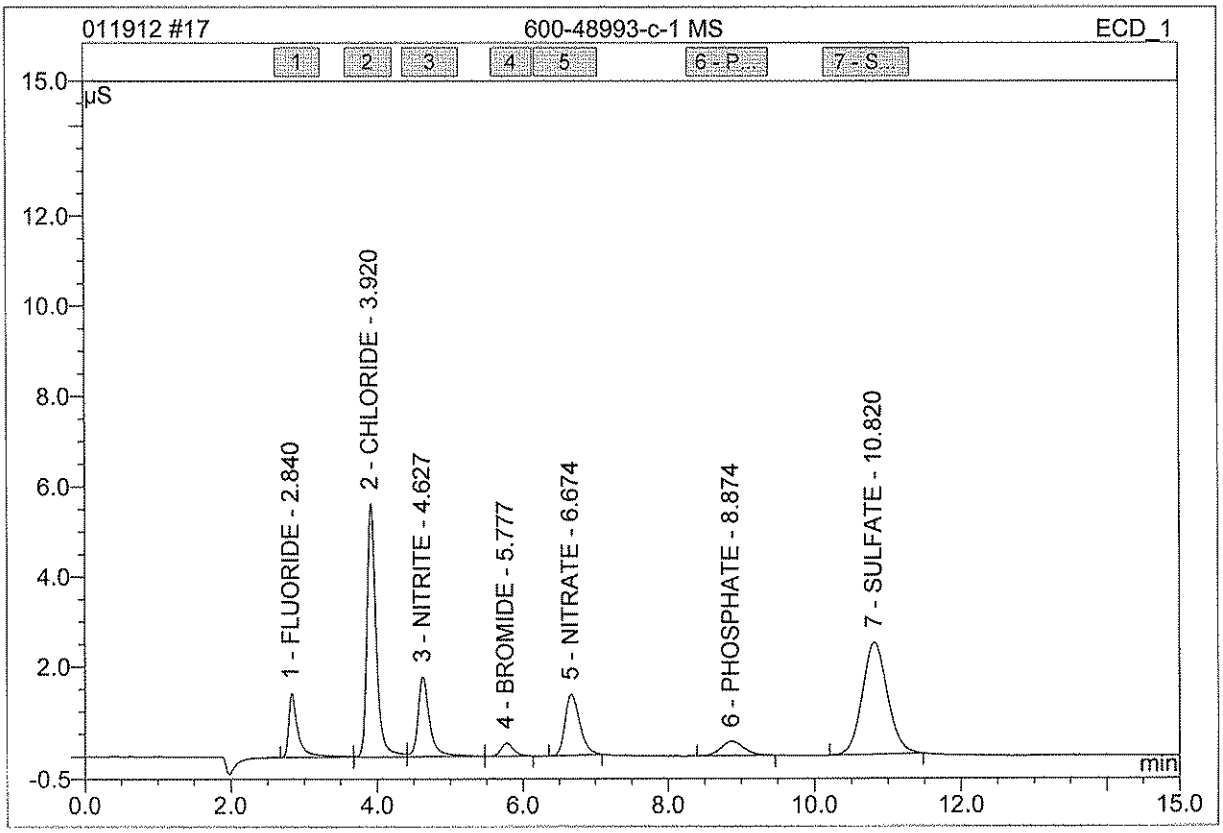
Sample Name:	**600-48993-c-1 DU**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 17:11**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	0.464	0.066	11.01	1.592	BMB
2	10.83	SULFATE	1.330	0.531	88.99	11.796	BMB
Total:			1.794	0.596	100.00	13.388	

17 600-48993-c-1 MS

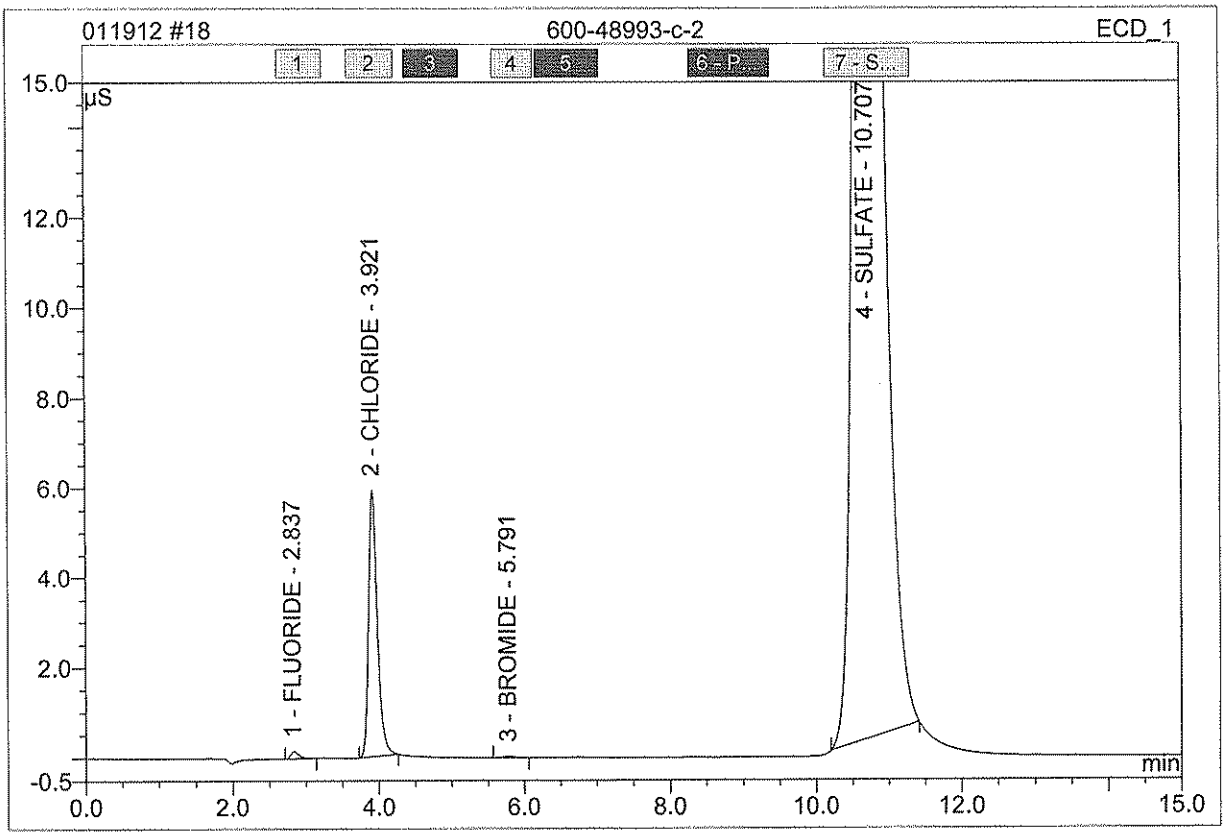
Sample Name:	**600-48993-c-1 MS**	*Injection Volume:*	**10.0**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 17:29**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	1.423	0.213	7.51	2.296	BM
2	3.92	CHLORIDE	5.625	0.806	28.44	11.591	M
3	4.63	NITRITE	1.778	0.330	11.65	2.309	M
4	5.78	BROMIDE	0.287	0.058	2.06	2.198	MB
5	6.67	NITRATE	1.360	0.320	11.31	2.276	BMB
6	8.87	PHOSPHATE	0.319	0.118	4.15	2.491	BMB
7	10.82	SULFATE	2.487	0.988	34.87	21.789	BMB
Total:			13.280	2.833	100.00	44.950	

18 600-48993-c-2

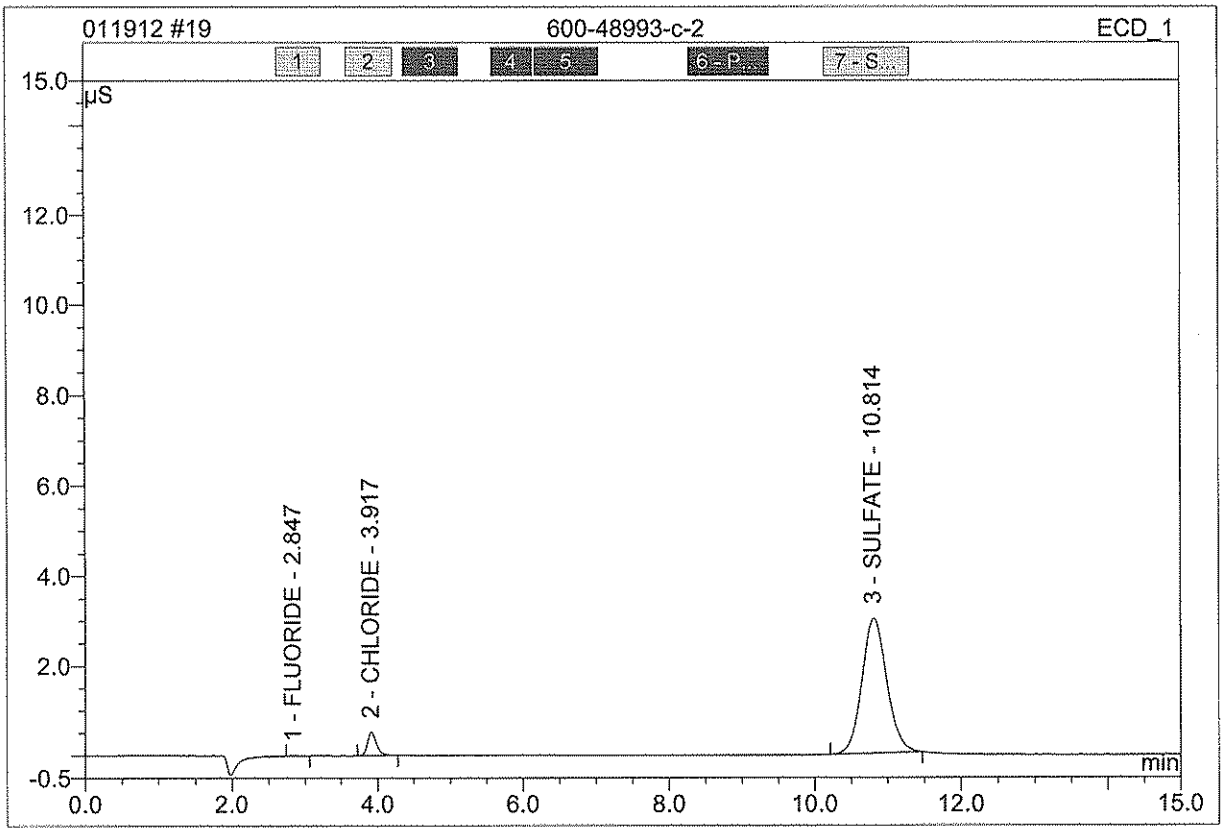
Sample Name:	**600-48993-c-2**	*Injection Volume:*	**10.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/19/2012 17:47**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	0.160	0.022	0.13	0.439	BMB
2	3.92	CHLORIDE	5.919	0.815	4.75	11.713	BMB
3	5.79	BROMIDE	0.035	0.007	0.04	0.290	BMB
4	10.71	SULFATE	42.629	16.301	95.08	356.370	BMB
Total:			48.743	17.144	100.00	368.812	

19 600-48993-c-2

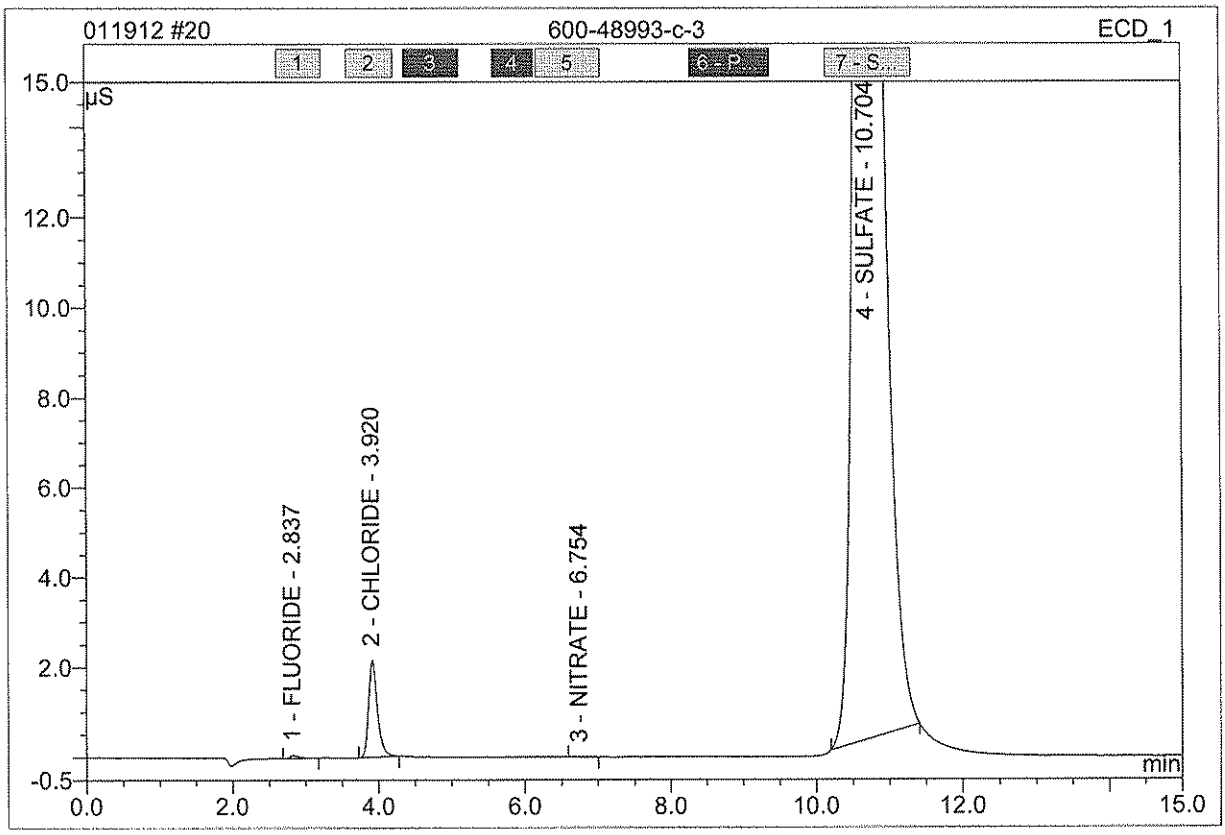
Sample Name:	**600-48993-c-2**	*Injection Volume:*	**10.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 18:05**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.85	FLUORIDE	0.016	0.002	0.17	0.251	BMB
2	3.92	CHLORIDE	0.522	0.074	5.83	1.704	BMB
3	10.81	SULFATE	3.005	1.193	93.99	26.256	BMB
Total:			3.542	1.269	100.00	28.211	

20 600-48993-c-3

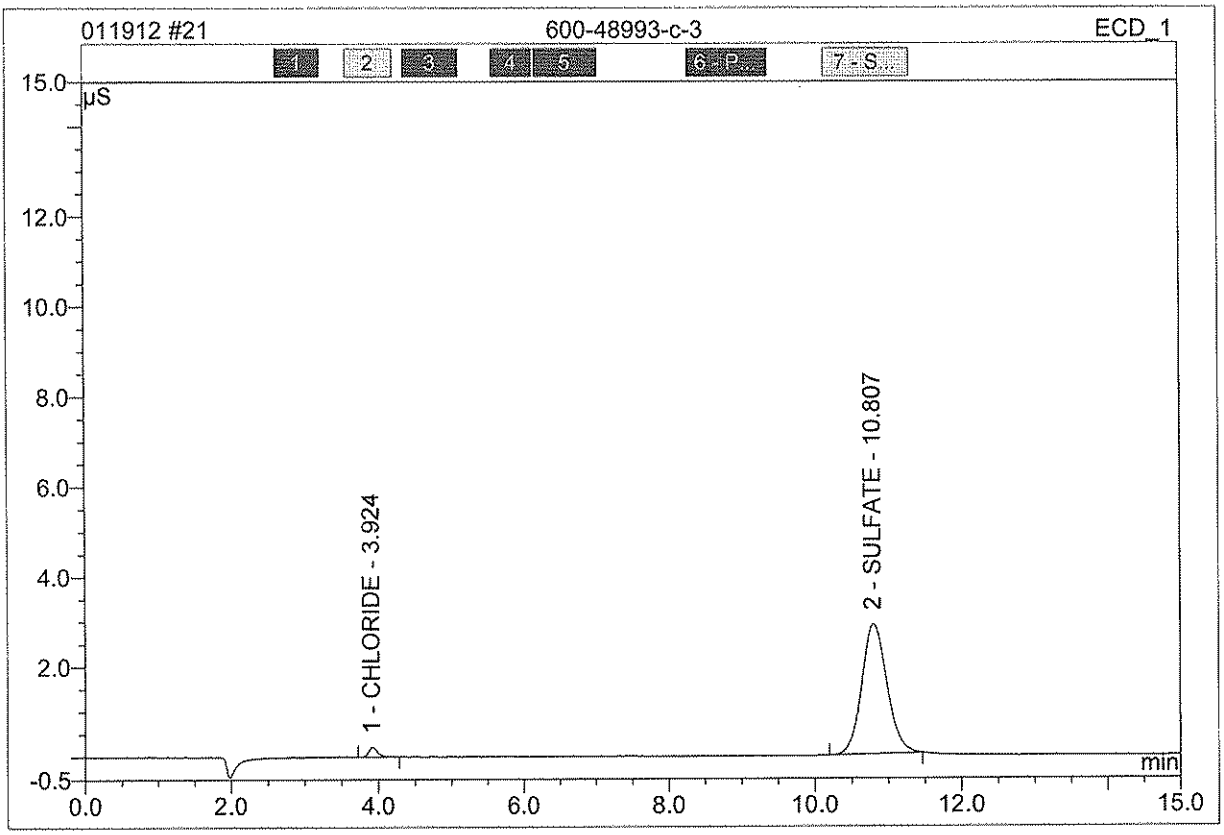
Sample Name:	**600-48993-c-3**	*Injection Volume:*	**10.0**
Vial Number:	**12**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/19/2012 18:23**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	0.066	0.010	0.06	0.329	BMB
2	3.92	CHLORIDE	2.147	0.305	1.93	4.822	BMB
3	6.75	NITRATE	0.010	0.003	0.02	0.257	BMB
4	10.70	SULFATE	40.434	15.481	97.99	338.450	BMB
Total:			42.658	15.799	100.00	343.858	

21 600-48993-c-3

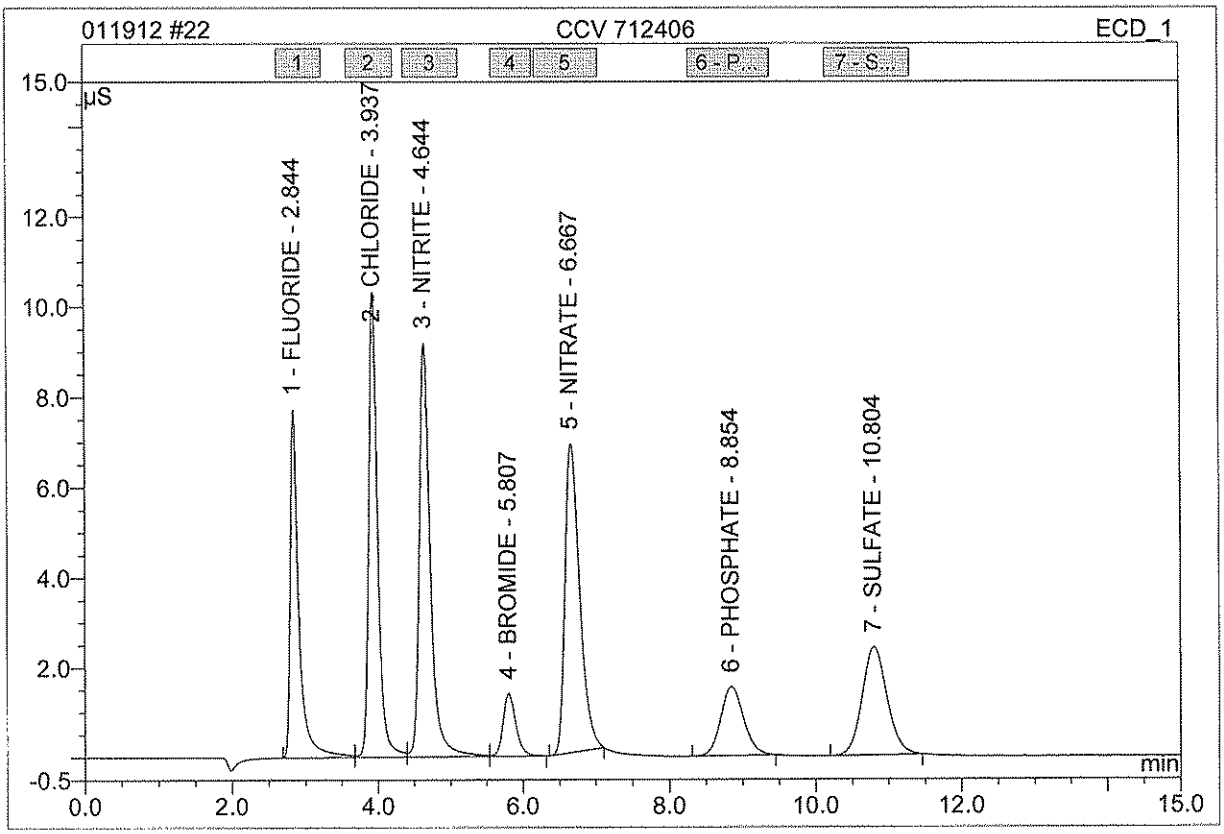
Sample Name:	**600-48993-c-3**	*Injection Volume:*	**10.0**
Vial Number:	**13**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 18:41**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	0.213	0.031	2.61	1.119	BMB
2	10.81	SULFATE	2.876	1.145	97.39	25.216	BMB
Total:			3.088	1.176	100.00	26.335	

22 CCV 712406

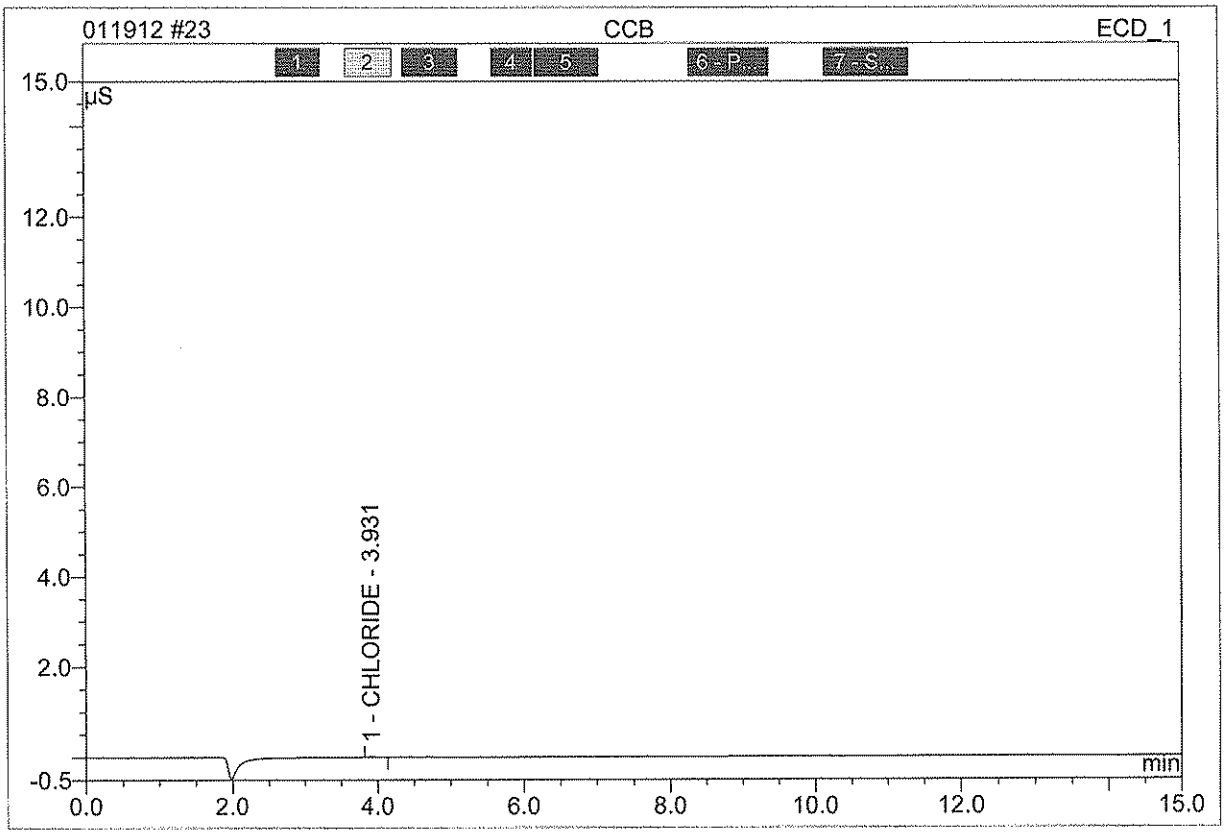
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**14**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 18:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.727	1.063	14.04	10.551	BM
2	3.94	CHLORIDE	10.329	1.462	19.32	20.459	M
3	4.64	NITRITE	9.197	1.624	21.46	10.501	M
4	5.81	BROMIDE	1.399	0.288	3.80	10.670	MB
5	6.67	NITRATE	6.864	1.611	21.29	10.476	BMB
6	8.85	PHOSPHATE	1.540	0.559	7.38	10.906	BMB
7	10.80	SULFATE	2.412	0.962	12.71	21.216	BMB
Total:			39.468	7.569	100.00	94.779	

23 CCB

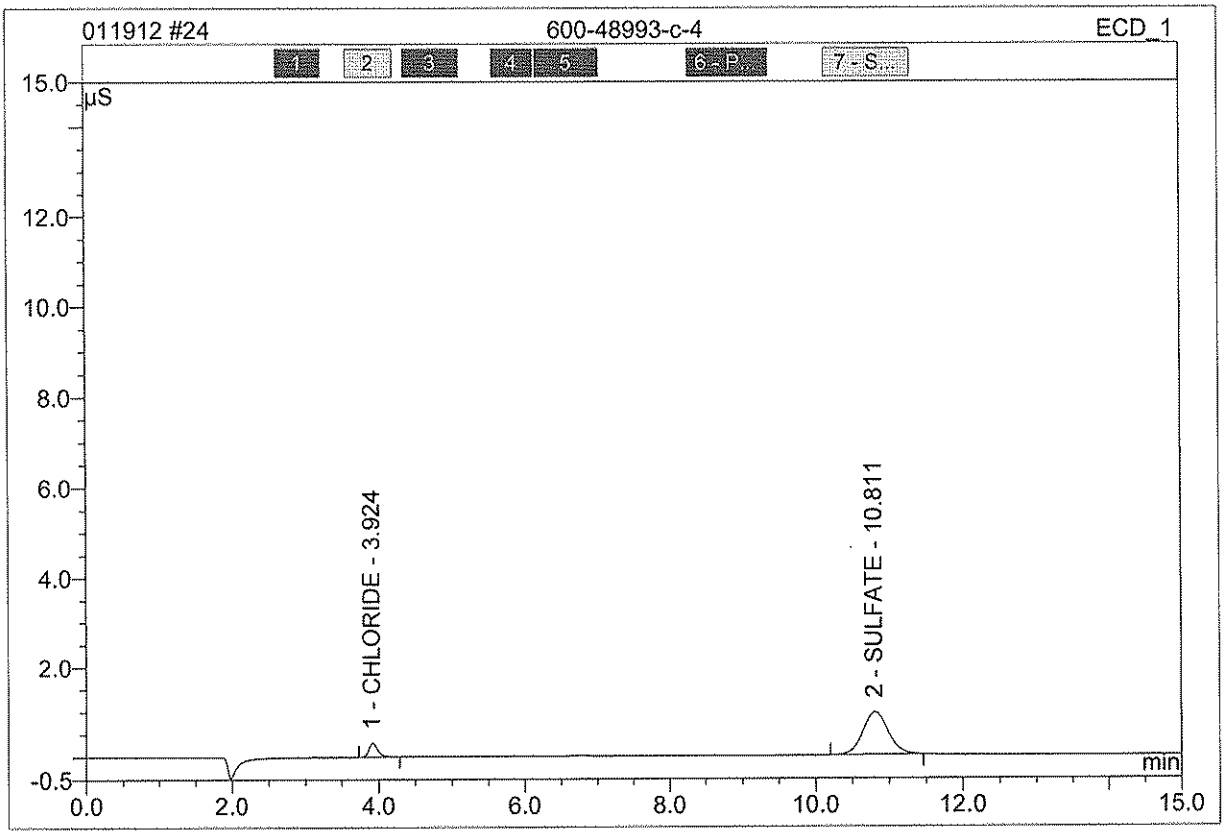
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**15**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 19:16**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.93	CHLORIDE	0.017	0.002	100.00	0.736	BMB
Total:			0.017	0.002	100.00	0.736	

24 600-48993-c-4

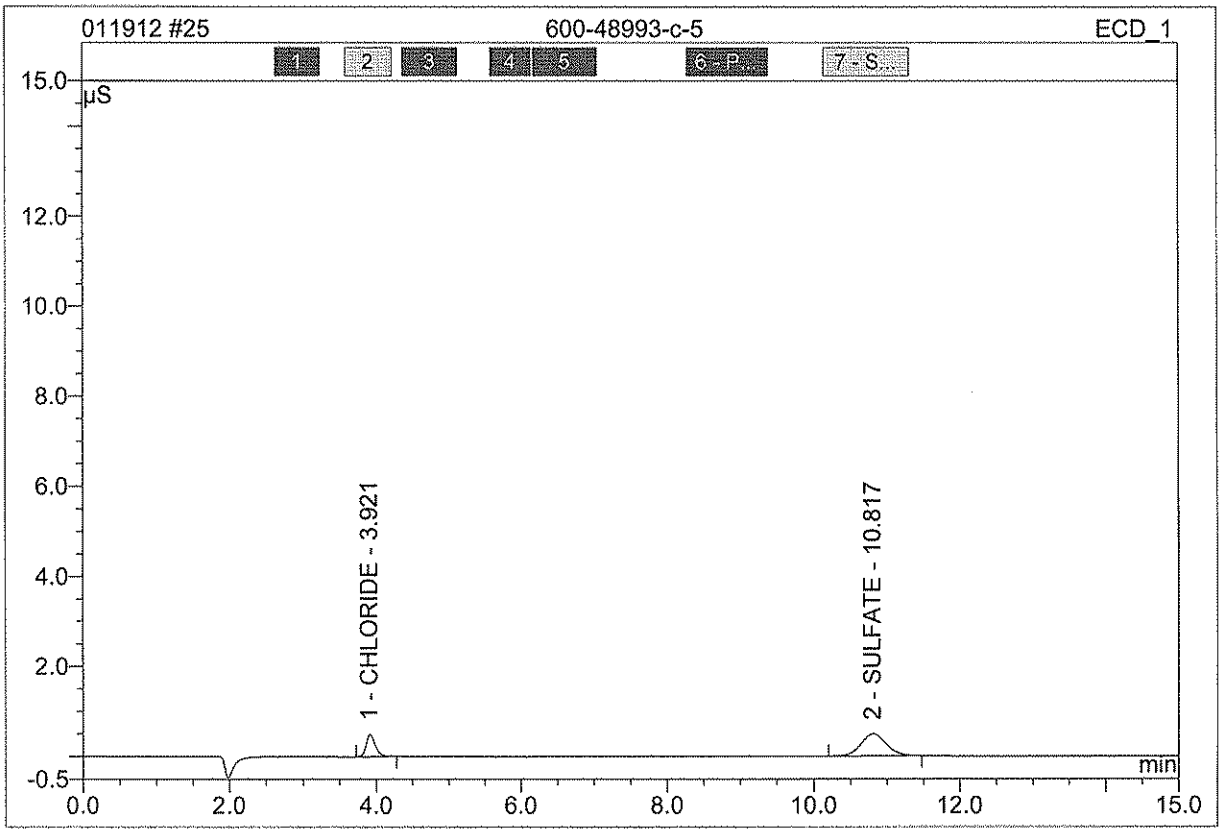
Sample Name:	**600-48993-c-4**	*Injection Volume:*	**10.0**
Vial Number:	**16**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 19:34**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	0.310	0.044	10.41	1.304	BMB
2	10.81	SULFATE	0.950	0.382	89.59	8.542	BMB
Total:			1.260	0.426	100.00	9.846	

25 600-48993-c-5

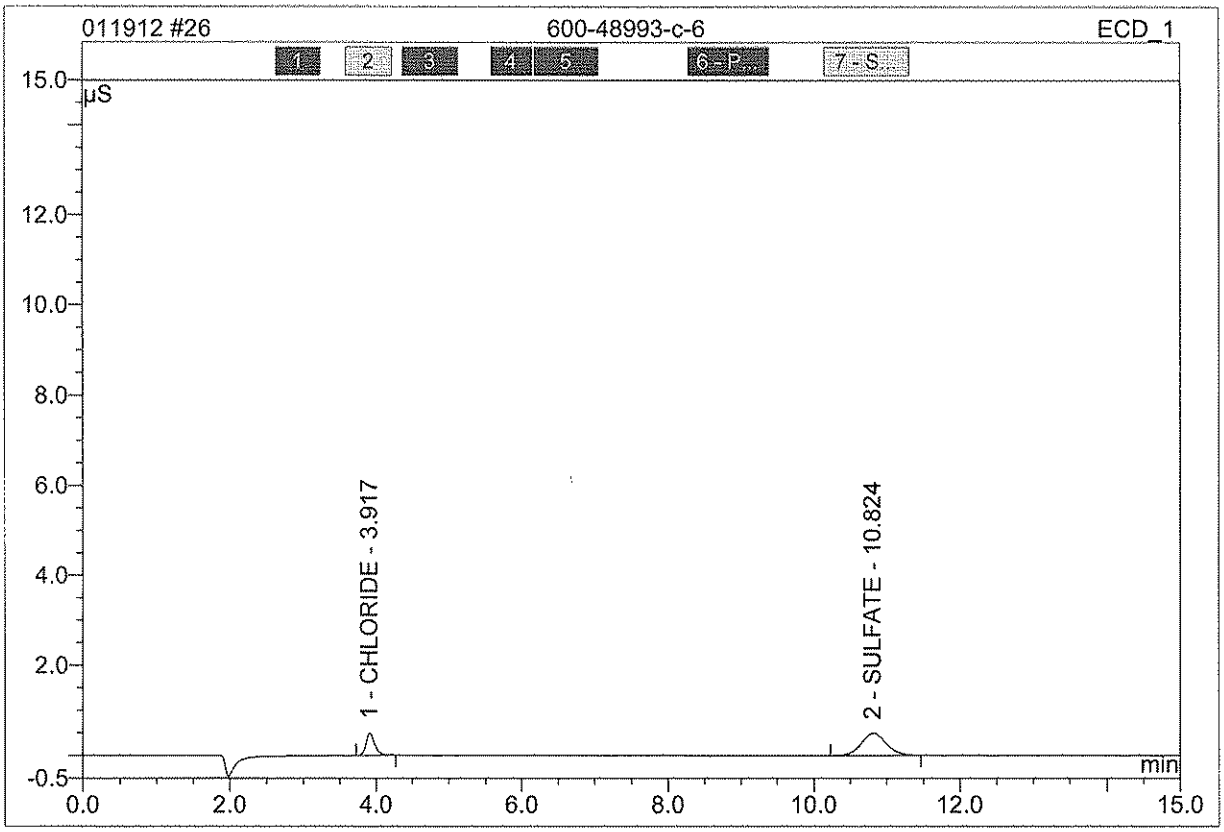
Sample Name:	**600-48993-c-5**	*Injection Volume:*	**10.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 19:52**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	0.490	0.070	26.20	1.654	BMB
2	10.82	SULFATE	0.490	0.198	73.80	4.526	BMB
Total:			0.980	0.268	100.00	6.180	

26 600-48993-c-6

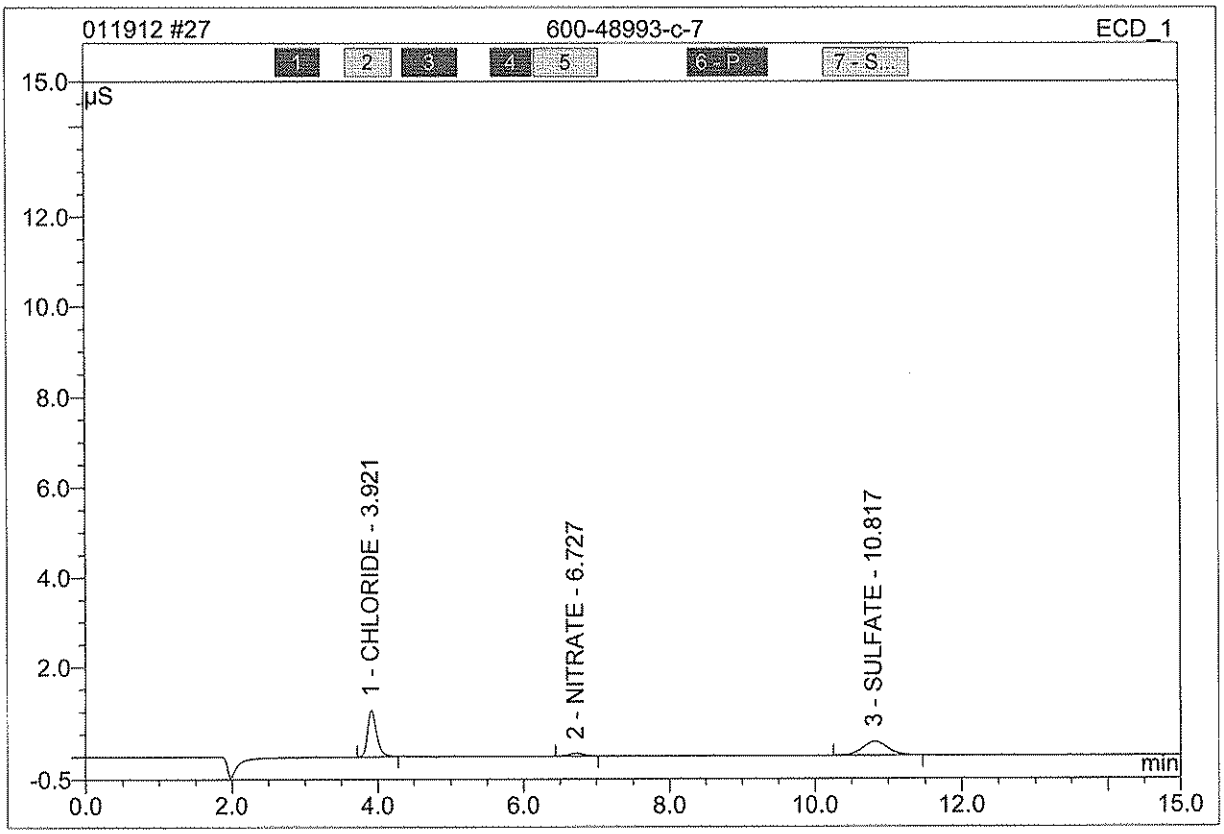
Sample Name:	**600-48993-c-6**	*Injection Volume:*	**10.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 20:10**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	0.492	0.070	25.89	1.644	BMB
2	10.82	SULFATE	0.493	0.199	74.11	4.547	BMB
Total:			0.985	0.268	100.00	6.191	

27 600-48993-c-7

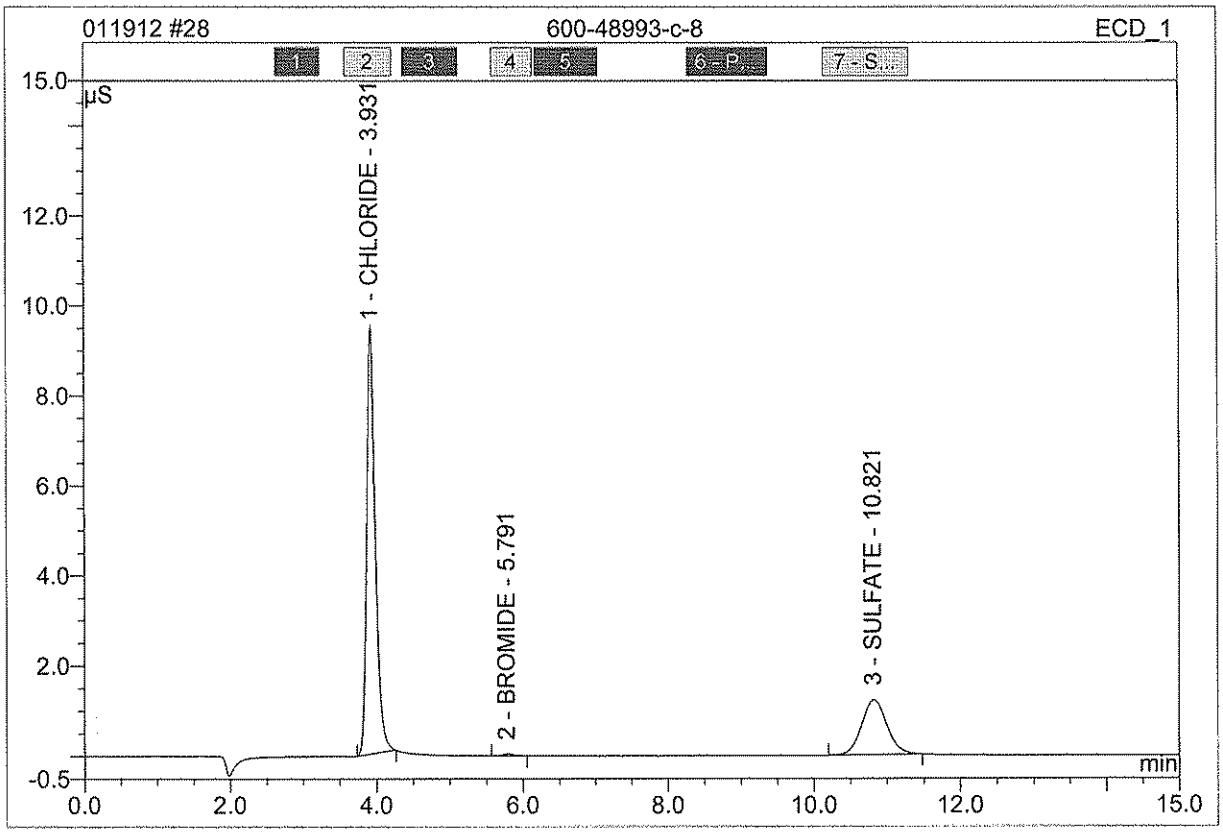
Sample Name:	**600-48993-c-7**	*Injection Volume:*	**10.0**
Vial Number:	**19**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 20:28**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	1.034	0.147	50.93	2.694	BMB
2	6.73	NITRATE	0.062	0.015	5.11	0.334	BMB
3	10.82	SULFATE	0.312	0.127	43.95	2.976	BMB
Total:			1.408	0.289	100.00	6.003	

28 600-48993-c-8

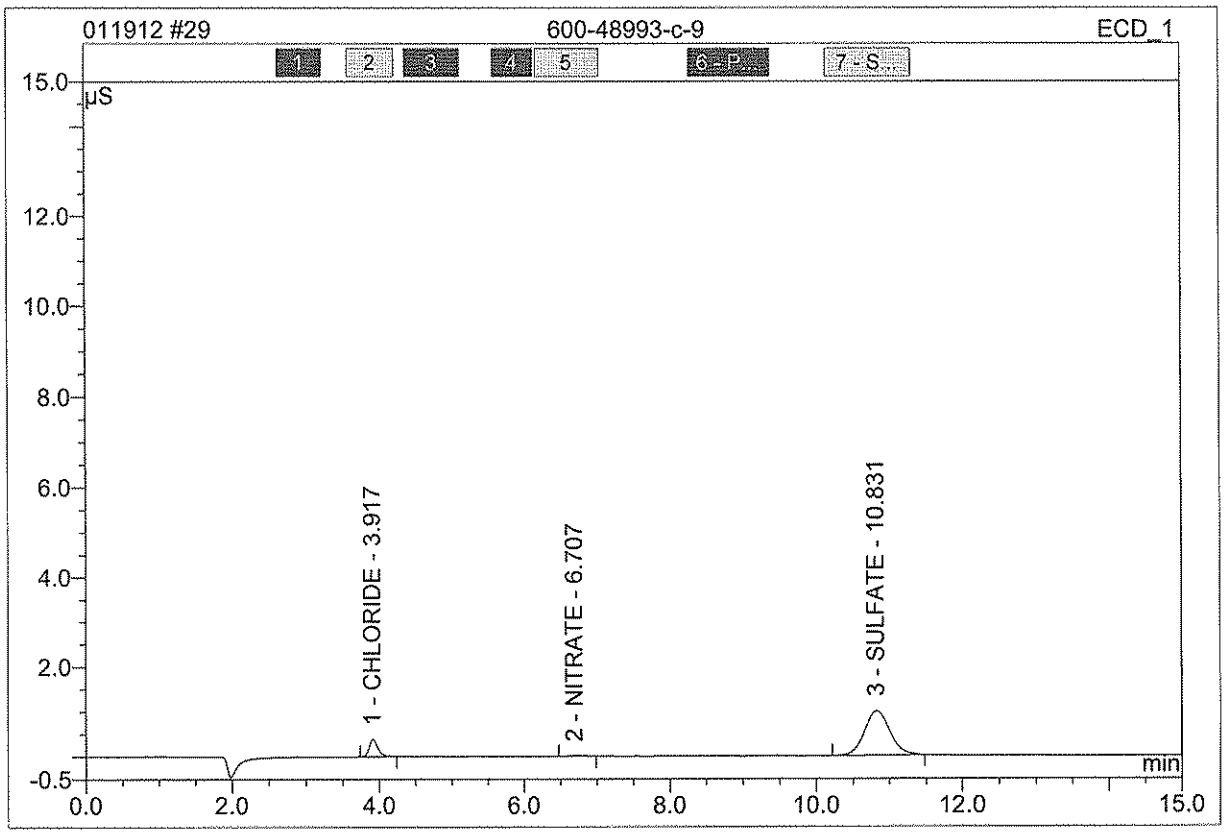
Sample Name:	**600-48993-c-8**	*Injection Volume:*	**10.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 20:46**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.93	CHLORIDE	9.519	1.293	72.29	18.172	BMB
2	5.79	BROMIDE	0.043	0.009	0.49	0.365	BMB
3	10.82	SULFATE	1.213	0.487	27.22	10.838	BMB
Total:			10.776	1.789	100.00	29.375	

29 600-48993-c-9

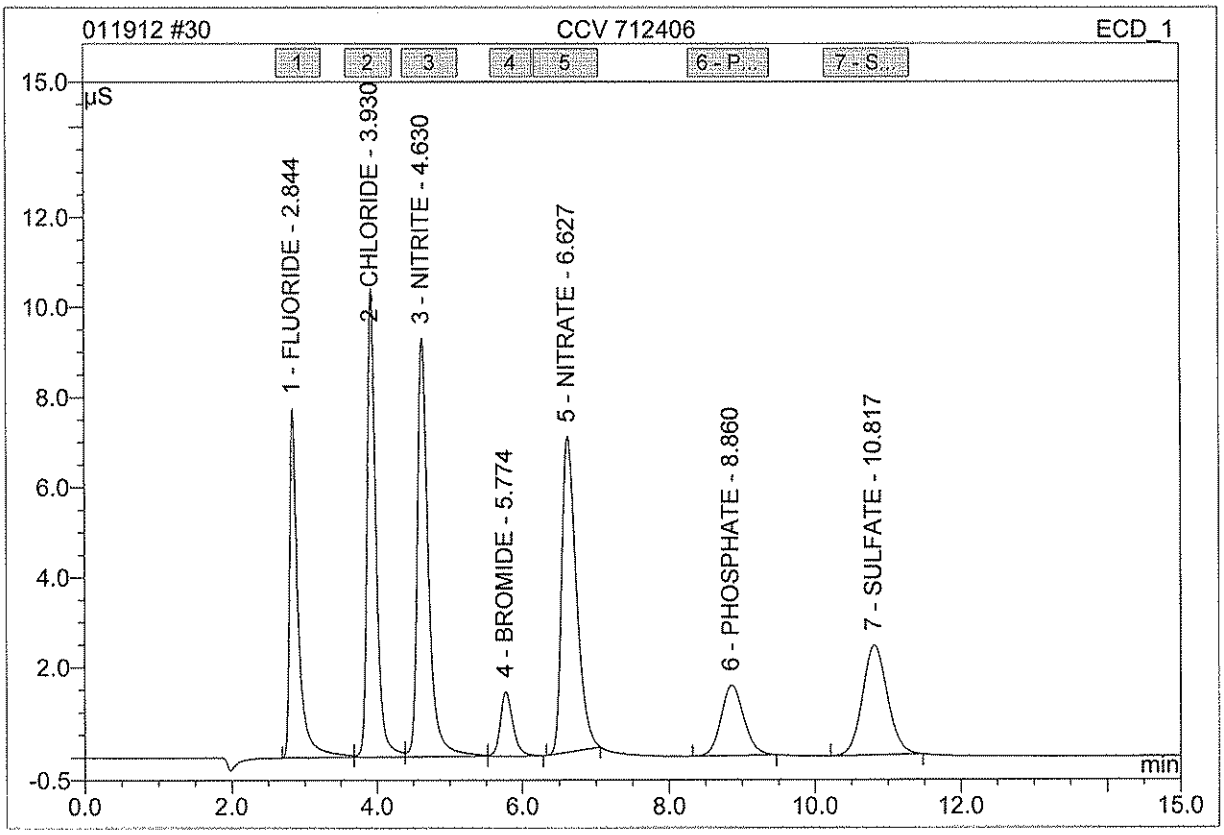
Sample Name:	**600-48993-c-9**	*Injection Volume:*	**10.0**
Vial Number:	**21**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/19/2012 21:04**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.92	CHLORIDE	0.388	0.055	11.98	1.443	BMB
2	6.71	NITRATE	0.018	0.004	0.88	0.265	BMB
3	10.83	SULFATE	0.991	0.398	87.13	8.886	BMB
Total:			1.396	0.456	100.00	10.595	

30 CCV 712406

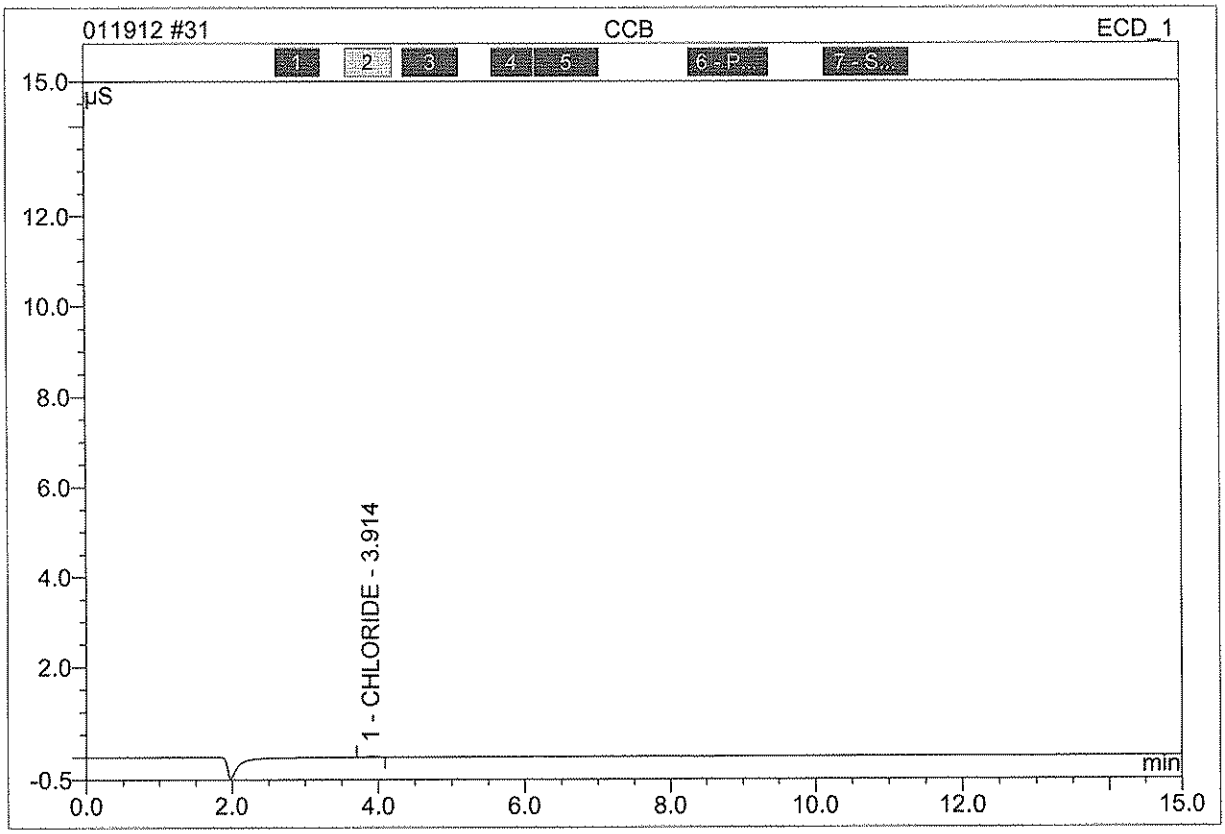
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 21:22**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.751	1.066	14.01	10.580	BM
2	3.93	CHLORIDE	10.411	1.468	19.31	20.539	M
3	4.63	NITRITE	9.291	1.629	21.43	10.534	M
4	5.77	BROMIDE	1.420	0.288	3.79	10.691	MB
5	6.63	NITRATE	7.001	1.619	21.29	10.524	BMB
6	8.86	PHOSPHATE	1.562	0.566	7.44	11.049	BMB
7	10.82	SULFATE	2.434	0.968	12.72	21.339	BMB
Total:			39.869	7.604	100.00	95.256	

31 CCB

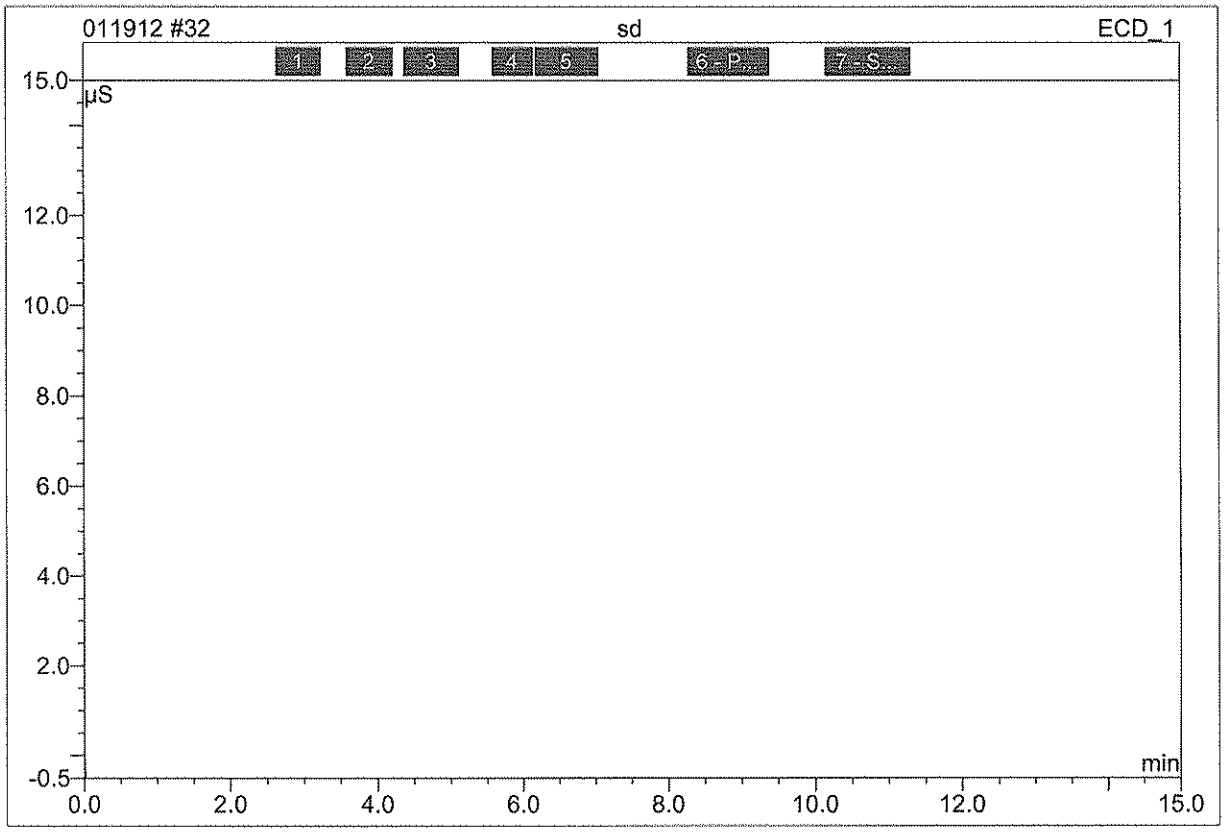
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 21:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.91	CHLORIDE	0.026	0.004	100.00	0.753	BMB
Total:			0.026	0.004	100.00	0.753	

32 sd

Sample Name:	**sd**	*Injection Volume:*	**10.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Shutdown**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/19/2012 21:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**1.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Batch Number: 70502 Batch Start Date: 01/19/12 15:06 Batch Analyst: Puranik, Surendra U

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CCV 00005	ICSMS 00023	ICV/LCS 00009	
ICV 600-70502/2		300.0		5 mL	5 mL			5 mL	
ICB 600-70502/3		300.0		5 mL	5 mL				
MB 600-70502/4		300.0		5 mL	5 mL				
LCS 600-70502/5		300.0		5 mL	5 mL			5 mL	
600-48993-C-1	2012-MW-13	300.0	T	5 mL	5 mL				
600-48993-C-1	2012-MW-13	300.0	T	5 mL	5 mL				
600-48993-C-1 DU	2012-MW-13	300.0	T	5 mL	5 mL				
600-48993-C-1 MS	2012-MW-13	300.0	T	5 mL	5 mL		0.25 mL		
600-48993-C-2	2012-MW-14	300.0	T	5 mL	5 mL				
600-48993-C-2	2012-MW-14	300.0	T	5 mL	5 mL				
600-48993-C-3	2012-MW-12	300.0	T	5 mL	5 mL				
600-48993-C-3	2012-MW-12	300.0	T	5 mL	5 mL				
CCV 600-70502/14		300.0		5 mL	5 mL	5 mL			
CCB 600-70502/15		300.0		5 mL	5 mL				
600-48993-C-4	2012-MW-19	300.0	T	5 mL	5 mL				
600-48993-C-5	2012-MW-18	300.0	T	5 mL	5 mL				
600-48993-C-6	2012-MW-FD	300.0	T	5 mL	5 mL				
600-48993-C-7	2012-MW-16	300.0	T	5 mL	5 mL				
600-48993-C-8	2012-MW-16S	300.0	T	5 mL	5 mL				
600-48993-C-9	2012-B5N	300.0	T	5 mL	5 mL				
CCV 600-70502/22		300.0		5 mL	5 mL	5 mL			
CCB 600-70502/23		300.0		5 mL	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Batch Number: 70370 Batch Start Date: 01/18/12 17:26 Batch Analyst: Daniel, Kevin R

Batch Method: SM 2540C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Conductivity	InitialAmount	TareWeight	Weight1	Weight2	Weight3
MB 600-70370/1		SM 2540C			100 mL	139.4854 g	139.4827 g	139.4826 g	0 g
LCS 600-70370/2		SM 2540C			100 mL	138.1769 g	138.3675 g	138.3675 g	0 g
600-48993-C-1	2012-MW-13	SM 2540C	T	3490 umhos/cm	100 mL	132.4675 g	132.6901 g	132.6901 g	0 g
600-48993-C-2	2012-MW-14	SM 2540C	T	5270 umhos/cm	50 mL	140.1869 g	140.3959 g	140.3958 g	0 g
600-48993-C-3	2012-MW-12	SM 2540C	T	4240 umhos/cm	50 mL	137.0215 g	137.1196 g	137.1195 g	0 g
600-48993-C-4	2012-MW-19	SM 2540C	T	2384 umhos/cm	100 mL	150.9663 g	151.1423 g	151.1420 g	0 g
600-48993-C-5	2012-MW-18	SM 2540C	T	1825 umhos/cm	100 mL	139.1672 g	139.2718 g	139.2716 g	0 g
600-48993-C-6	2012-MW-FD	SM 2540C	T	1845 umhos/cm	100 mL	140.6272 g	140.7490 g	140.7489 g	0 g
600-48993-C-6 DU	2012-MW-FD	SM 2540C	T	1845 umhos/cm	100 mL	138.8870 g	138.9960 g	138.9960 g	0 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	WeightOne%Diff	Residue	Residue2	FinalAmount	TDSILCS 00043	
MB 600-70370/1		SM 2540C		PASS_D No Unit	-0.00270 g	-0.00280 g	100 mL		
LCS 600-70370/2		SM 2540C		PASS_D No Unit	0.19060 g	0.19060 g	100 mL	100 mL	
600-48993-C-1	2012-MW-13	SM 2540C	T	PASS_D No Unit	0.22260 g	0.22260 g	100 mL		
600-48993-C-2	2012-MW-14	SM 2540C	T	PASS_D No Unit	0.20900 g	0.20890 g	100 mL		
600-48993-C-3	2012-MW-12	SM 2540C	T	PASS_D No Unit	0.09810 g	0.09800 g	100 mL		
600-48993-C-4	2012-MW-19	SM 2540C	T	PASS_D No Unit	0.17600 g	0.17570 g	100 mL		
600-48993-C-5	2012-MW-18	SM 2540C	T	PASS_D No Unit	0.10460 g	0.10440 g	100 mL		
600-48993-C-6	2012-MW-FD	SM 2540C	T	PASS_D No Unit	0.12180 g	0.12170 g	100 mL		
600-48993-C-6 DU	2012-MW-FD	SM 2540C	T	PASS_D No Unit	0.10900 g	0.10900 g	100 mL		

Batch Notes	
Nominal Amount Used	100 mL

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48993-1

SDG No.:

Batch Number: 70766 Batch Start Date: 01/24/12 14:03 Batch Analyst: Daniel, Kevin R

Batch Method: SM 2540C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Conductivity	InitialAmount	TareWeight	Weight1	Weight2	Weight3
MB 600-70766/1		SM 2540C			100 mL	137.1702 g	137.1702 g	137.1702 g	0 g
LCS 600-70766/2		SM 2540C			100 mL	138.1769 g	138.3616 g	138.3617 g	0 g
600-48993-C-7	2012-MW-16	SM 2540C	T	1872 umhos/cm	100 mL	142.4893 g	142.6278 g	142.6274 g	0 g
600-48993-C-7 DU	2012-MW-16	SM 2540C	T	1870 umhos/cm	100 mL	129.9439 g	130.0628 g	130.0627 g	0 g
600-48993-C-8	2012-MW-16S	SM 2540C	T	8330 umhos/cm	50 mL	137.0673 g	137.4665 g	137.4664 g	0 g
600-48993-C-9	2012-B5N	SM 2540C	T	2544 umhos/cm	100 mL	100.5748 g	100.7295 g	100.7294 g	0 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	WeightOne%Diff	Residue	Residue2	FinalAmount	TDSILCS 00043	
MB 600-70766/1		SM 2540C		PASS_D No Unit	0.00000 g	0.00000 g	100 mL		
LCS 600-70766/2		SM 2540C		PASS_D No Unit	0.18470 g	0.18480 g	100 mL	100 mL	
600-48993-C-7	2012-MW-16	SM 2540C	T	PASS_D No Unit	0.13850 g	0.13810 g	100 mL		
600-48993-C-7 DU	2012-MW-16	SM 2540C	T	PASS_D No Unit	0.11890 g	0.11880 g	100 mL		
600-48993-C-8	2012-MW-16S	SM 2540C	T	PASS_D No Unit	0.39920 g	0.39910 g	100 mL		
600-48993-C-9	2012-B5N	SM 2540C	T	PASS_D No Unit	0.15470 g	0.15460 g	100 mL		

Batch Notes	
Nominal Amount Used	100 mL

Basis	Basis Description
T	Total/NA

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Loc: 600
48993

Client Information	Sampler: ~~Chris Moore~~ JOHN BRAYTON	Lab PM	Carrier Tracking No(s):
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com	
Company: Pastor, Behling and Wheeler			
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:		
City: Round Rock			
State, Zip: TX, 78664	PO #:		
Phone: (512) 671-3434	WO #:		
Email: chris.moore@pbwllc.com	Project #: 1732		
Project Name: Exide Frisco Recycling Center Work Plan Implementation	SSOW#:		
Site: Exide Frisco Recycling Center			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	TDS				Total Number of containers	Special Instructions/Note:
			Preservation Code:								~~NONE~~										
2012- MW-13	1-16-12	1510	G	W			X	X			X					X					
2012- MW-14	1-16-12	1600	G	W			X	X			X					X					
2012- MW-12	1-16-12	1650	G	W			X	X			X					X					
2012- MW-19	1-17-12	1000	G	W			X	X			X					X					
2012- MW-18	1-17-12	1125	G	W			X	X			X					X					
2012- MW-FD	1-17-12	1125	G	W			X	X			X					X					
2012- MW-16	1-17-12	1320	G	W			X	X			X					X					
2012- MW-16S	1-17-12	1430	G	W			X	X			X					X					
~~2012- MW-17~~	~~1-17-12~~	~~1530~~	~~G~~	~~W~~			~~X~~	~~X~~			~~X~~					~~X~~					no SX in cooler SCM
2012- BSN	1-17-12	1620	G	W			X	X			X					X					

Codes:

B - NaOH	M - Hexane
C - Zn Acetate	N - None
D - Nitric Acid	O - AsNaO2
E - NaHSO4	P - Na2O4S
F - MeOH	Q - Na2SO3
G - Amchlor	R - Na2S2SO3
H - Ascorbic Acid	S - H2SO4
I - Ice	T - TSP Dodecahydrate
J - DI Water	U - Acetone
K - EDTA	V - MCAA
L - EDA	W - ph 4-5
	Z - other (specify)

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: John Brayl	Date/Time: 1-17-12 1800	Company PBW	Received by: [signature]	Date/Time: 1/18/12 9:14	Company TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks.

Page 286 of 287

02/20/2012

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48993-1

Login Number: 48993

List Source: TestAmerica Houston

List Number: 1

Creator: Fuentes Jr, Fabio

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-48997-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
2/15/2012 1:44 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
02/15/2012

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Method Summary 8
Method / Analyst Summary 9
Sample Summary 10
Sample Results 11
Sample Datasheets 12
Data Qualifiers 28
QC Results 29
Qc Association Summary 30
Qc Reports 33
Raw Data 37
Client Chain of Custody 363
Sample Receipt Checklist 365

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-48997-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		02/15/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48997
Reviewer Name: TWR	Prep Batch Number(s): 600-70923(tot), 70924(diss)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48997
Reviewer Name: TWR	Prep Batch Number(s): 600-70923(tot), 70924(diss)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-48997
Reviewer Name: TWR	Prep Batch Number(s): 600-70923(tot), 70924(diss)- ICP

ER #[1]	DESCRIPTION
1	The laboratory selected samples from other clients to perform as the DUPs.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48997-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals			SW846 3010A
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals			SW846 3010A
Sample Filtration, Field			FIELD_FLTRD

Lab References:

TAL HOU = TestAmerica Houston

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48997-1

Method	Analyst	Analyst ID
SW846 6010B	Lige, Derrick C	DCL

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48997-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-48997-1	2012-SW-1	Water	01/17/2012 0945	01/18/2012 0914
600-48997-1MS	2012-SW-1	Water	01/17/2012 0945	01/18/2012 0914
600-48997-1MSD	2012-SW-1	Water	01/17/2012 0945	01/18/2012 0914
600-48997-2	2012-SW-2	Water	01/17/2012 1025	01/18/2012 0914
600-48997-3	2012-SW-3	Water	01/17/2012 1227	01/18/2012 0914
600-48997-4	2012-SW-4	Water	01/17/2012 1256	01/18/2012 0914
600-48997-5	2012-SW-5	Water	01/17/2012 1313	01/18/2012 0914
600-48997-6	2012-SW-6	Water	01/17/2012 1340	01/18/2012 0914
600-48997-7	2012-SW-7	Water	01/17/2012 1406	01/18/2012 0914
600-48997-8	2012-SW-8	Water	01/17/2012 1428	01/18/2012 0914
600-48997-9	2012-SW-9	Water	01/17/2012 1457	01/18/2012 0914
600-48997-10	2012-SW-10	Water	01/17/2012 1514	01/18/2012 0914
600-48997-11	2012-SW-11	Water	01/17/2012 1540	01/18/2012 0914
600-48997-12	2012-SW-12	Water	01/17/2012 1554	01/18/2012 0914
600-48997-13	2012-SW-13	Water	01/17/2012 1617	01/18/2012 0914
600-48997-14	2012-SW-14	Water	01/17/2012 1641	01/18/2012 0914
600-48997-15	2012-SW-15	Water	01/17/2012 1653	01/18/2012 0914
600-48997-16	2012-SW-DUP	Water	01/17/2012 0000	01/18/2012 0914

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-1

Lab Sample ID: 600-48997-1
Client Matrix: Water

Date Sampled: 01/17/2012 09:45
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00460	J		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:05	1	DCL
Cadmium	7440-43-9	0.00190	J		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:05	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.00100	J		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:19	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:19	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-2

Lab Sample ID: 600-48997-2
Client Matrix: Water

Date Sampled: 01/17/2012 10:25
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00370	J		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:12	1	DCL
Cadmium	7440-43-9	0.00200	J		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:12	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000900	J		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:26	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:26	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-3

Lab Sample ID: 600-48997-3
Client Matrix: Water

Date Sampled: 01/17/2012 12:27
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:15	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:15	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:28	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:28	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-4

Lab Sample ID: 600-48997-4
Client Matrix: Water

Date Sampled: 01/17/2012 12:56
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:17	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:17	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:31	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:31	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-5

Lab Sample ID: 600-48997-5
Client Matrix: Water

Date Sampled: 01/17/2012 13:13
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:28	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:28	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:34	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:34	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-6

Lab Sample ID: 600-48997-6
Client Matrix: Water

Date Sampled: 01/17/2012 13:40
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:30	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:30	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:36	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:36	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-7

Lab Sample ID: 600-48997-7
Client Matrix: Water

Date Sampled: 01/17/2012 14:06
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:33	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:33	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:47	1	DCL
Lead	7439-92-1	0.00320	J		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:47	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-8

Lab Sample ID: 600-48997-8
Client Matrix: Water

Date Sampled: 01/17/2012 14:28
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:35	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:35	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:49	1	DCL
Lead	7439-92-1	0.00360	J		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:49	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-9

Lab Sample ID: 600-48997-9
Client Matrix: Water

Date Sampled: 01/17/2012 14:57
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:38	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:38	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:52	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:52	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-10

Lab Sample ID: 600-48997-10
Client Matrix: Water

Date Sampled: 01/17/2012 15:14
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:41	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:41	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:54	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:54	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-11

Lab Sample ID: 600-48997-11
Client Matrix: Water

Date Sampled: 01/17/2012 15:40
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 11:11	1	DCL
Cadmium	7440-43-9	0.000600	J		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 11:11	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 13:57	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 13:57	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-12

Lab Sample ID: 600-48997-12
Client Matrix: Water

Date Sampled: 01/17/2012 15:54
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:46	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:46	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 14:00	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 14:00	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-13

Lab Sample ID: 600-48997-13
Client Matrix: Water

Date Sampled: 01/17/2012 16:17
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 10:48	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 10:48	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 14:02	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 14:02	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-14

Lab Sample ID: 600-48997-14
Client Matrix: Water

Date Sampled: 01/17/2012 16:41
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 11:14	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 11:14	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 14:05	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 14:05	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-15

Lab Sample ID: 600-48997-15
Client Matrix: Water

Date Sampled: 01/17/2012 16:53
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 11:01	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 11:01	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 14:07	1	DCL
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 14:07	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-48997-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-SW-DUP

Lab Sample ID: 600-48997-16
Client Matrix: Water

Date Sampled: 01/17/2012 00:00
Date Received: 01/18/2012 09:14

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70924	01/26/2012 06:10		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70923	01/26/2012 06:10		DCL
Method: SW846 6010B,Water,Dissolved												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71248	01/31/2012 11:04	1	DCL
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71248	01/31/2012 11:04	1	DCL
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	70969	01/26/2012 14:10	1	DCL
Lead	7439-92-1	0.00300	J		0.00290	0.0100	0.00290	mg/L	70969	01/26/2012 14:10	1	DCL

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48997-1

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48997-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-70923					
LCS 600-70923/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70923/1-A	Method Blank	T	Water	3010A	
600-48997-1	2012-SW-1	T	Water	3010A	
600-48997-1MS	Matrix Spike	T	Water	3010A	
600-48997-1MSD	Matrix Spike Duplicate	T	Water	3010A	
600-48997-2	2012-SW-2	T	Water	3010A	
600-48997-3	2012-SW-3	T	Water	3010A	
600-48997-4	2012-SW-4	T	Water	3010A	
600-48997-5	2012-SW-5	T	Water	3010A	
600-48997-6	2012-SW-6	T	Water	3010A	
600-48997-7	2012-SW-7	T	Water	3010A	
600-48997-8	2012-SW-8	T	Water	3010A	
600-48997-9	2012-SW-9	T	Water	3010A	
600-48997-10	2012-SW-10	T	Water	3010A	
600-48997-11	2012-SW-11	T	Water	3010A	
600-48997-12	2012-SW-12	T	Water	3010A	
600-48997-13	2012-SW-13	T	Water	3010A	
600-48997-14	2012-SW-14	T	Water	3010A	
600-48997-15	2012-SW-15	T	Water	3010A	
600-48997-16	2012-SW-DUP	T	Water	3010A	
Prep Batch: 600-70924					
LCS 600-70924/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70924/1-A	Method Blank	T	Water	3010A	
600-48997-1	2012-SW-1	D	Water	3010A	
600-48997-1MS	Matrix Spike	D	Water	3010A	
600-48997-1MSD	Matrix Spike Duplicate	D	Water	3010A	
600-48997-2	2012-SW-2	D	Water	3010A	
600-48997-3	2012-SW-3	D	Water	3010A	
600-48997-4	2012-SW-4	D	Water	3010A	
600-48997-5	2012-SW-5	D	Water	3010A	
600-48997-6	2012-SW-6	D	Water	3010A	
600-48997-7	2012-SW-7	D	Water	3010A	
600-48997-8	2012-SW-8	D	Water	3010A	
600-48997-9	2012-SW-9	D	Water	3010A	
600-48997-10	2012-SW-10	D	Water	3010A	
600-48997-11	2012-SW-11	D	Water	3010A	
600-48997-12	2012-SW-12	D	Water	3010A	
600-48997-13	2012-SW-13	D	Water	3010A	
600-48997-14	2012-SW-14	D	Water	3010A	
600-48997-15	2012-SW-15	D	Water	3010A	
600-48997-16	2012-SW-DUP	D	Water	3010A	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48997-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:600-70969					
LCS 600-70923/2-A	Lab Control Sample	T	Water	6010B	600-70923
MB 600-70923/1-A	Method Blank	T	Water	6010B	600-70923
600-48997-1	2012-SW-1	T	Water	6010B	600-70923
600-48997-1MS	Matrix Spike	T	Water	6010B	600-70923
600-48997-1MSD	Matrix Spike Duplicate	T	Water	6010B	600-70923
600-48997-2	2012-SW-2	T	Water	6010B	600-70923
600-48997-3	2012-SW-3	T	Water	6010B	600-70923
600-48997-4	2012-SW-4	T	Water	6010B	600-70923
600-48997-5	2012-SW-5	T	Water	6010B	600-70923
600-48997-6	2012-SW-6	T	Water	6010B	600-70923
600-48997-7	2012-SW-7	T	Water	6010B	600-70923
600-48997-8	2012-SW-8	T	Water	6010B	600-70923
600-48997-9	2012-SW-9	T	Water	6010B	600-70923
600-48997-10	2012-SW-10	T	Water	6010B	600-70923
600-48997-11	2012-SW-11	T	Water	6010B	600-70923
600-48997-12	2012-SW-12	T	Water	6010B	600-70923
600-48997-13	2012-SW-13	T	Water	6010B	600-70923
600-48997-14	2012-SW-14	T	Water	6010B	600-70923
600-48997-15	2012-SW-15	T	Water	6010B	600-70923
600-48997-16	2012-SW-DUP	T	Water	6010B	600-70923
Analysis Batch:600-71248					
LCS 600-70924/2-A	Lab Control Sample	T	Water	6010B	600-70924
MB 600-70924/1-A	Method Blank	T	Water	6010B	600-70924
600-48997-1	2012-SW-1	D	Water	6010B	600-70924
600-48997-1MS	Matrix Spike	D	Water	6010B	600-70924
600-48997-1MSD	Matrix Spike Duplicate	D	Water	6010B	600-70924
600-48997-2	2012-SW-2	D	Water	6010B	600-70924
600-48997-3	2012-SW-3	D	Water	6010B	600-70924
600-48997-4	2012-SW-4	D	Water	6010B	600-70924
600-48997-5	2012-SW-5	D	Water	6010B	600-70924
600-48997-6	2012-SW-6	D	Water	6010B	600-70924
600-48997-7	2012-SW-7	D	Water	6010B	600-70924
600-48997-8	2012-SW-8	D	Water	6010B	600-70924
600-48997-9	2012-SW-9	D	Water	6010B	600-70924
600-48997-10	2012-SW-10	D	Water	6010B	600-70924
600-48997-11	2012-SW-11	D	Water	6010B	600-70924
600-48997-12	2012-SW-12	D	Water	6010B	600-70924
600-48997-13	2012-SW-13	D	Water	6010B	600-70924
600-48997-14	2012-SW-14	D	Water	6010B	600-70924
600-48997-15	2012-SW-15	D	Water	6010B	600-70924
600-48997-16	2012-SW-DUP	D	Water	6010B	600-70924

Client: Pastor, Behling & Wheeler LLC Job Number: 600-48997-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
D = Dissolved
T = Total

Method Blank - Batch: 600-70923

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70923/1-A	Analysis Batch:	600-70969	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70923	Lab File ID:	012612.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/26/2012 1314	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 0610				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Lead	0.00290	U	0.00290	0.0100
Cadmium	0.000350	U	0.000350	0.00500

Lab Control Sample - Batch: 600-70923

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70923/2-A	Analysis Batch:	600-70969	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70923	Lab File ID:	012612.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/26/2012 1316	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 0610				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	1.00	1.017	102	80 - 120	
Cadmium	0.500	0.5095	102	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70923

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48997-1	Analysis Batch:	600-70969	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70923	Lab File ID:	012612.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/26/2012 1321			Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 0610				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48997-1	Analysis Batch:	600-70969	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70923	Lab File ID:	012612.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/26/2012 1324			Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 0610				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	104	105	75 - 125	1	20		
Lead	100	102	75 - 125	2	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48997-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70923

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-48997-1	Units: mg/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	01/26/2012 1321		
Prep Date:	01/26/2012 0610		
Leach Date:	N/A		

MSD Lab Sample ID:	600-48997-1
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	01/26/2012 1324
Prep Date:	01/26/2012 0610
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.00100	J	0.500	0.500	0.5194	0.5261
Lead	0.00290	U	1.00	1.00	1.002	1.022

Method Blank - Batch: 600-70924

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70924/1-A	Analysis Batch:	600-71248	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70924	Lab File ID:	013112.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1000	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 0610				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Lead	0.00290	U	0.00290	0.0100
Cadmium	0.000350	U	0.000350	0.00500

Lab Control Sample - Batch: 600-70924

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70924/2-A	Analysis Batch:	600-71248	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70924	Lab File ID:	013112.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1003	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 0610				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	1.00	0.9611	96	80 - 120	
Cadmium	0.500	0.4889	98	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70924

Method: 6010B
Preparation: 3010A
Dissolved

MS Lab Sample ID:	600-48997-1	Analysis Batch:	600-71248	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70924	Lab File ID:	013112.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1008			Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 0610				
Leach Date:	N/A				

MSD Lab Sample ID:	600-48997-1	Analysis Batch:	600-71248	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70924	Lab File ID:	013112.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1010			Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 0610				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Lead	97	97	75 - 125	0	20		
Cadmium	101	101	75 - 125	0	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48997-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70924

Method: 6010B
Preparation: 3010A
Dissolved

MS Lab Sample ID:	600-48997-1	Units: mg/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	01/31/2012 1008		
Prep Date:	01/26/2012 0610		
Leach Date:	N/A		

MSD Lab Sample ID:	600-48997-1
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	01/31/2012 1010
Prep Date:	01/26/2012 0610
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Lead	0.00460	J	1.00	1.00	0.9767	0.9791
Cadmium	0.00190	J	0.500	0.500	0.5062	0.5081

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-48997-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-SW-1	600-48997-1
2012-SW-2	600-48997-2
2012-SW-3	600-48997-3
2012-SW-4	600-48997-4
2012-SW-5	600-48997-5
2012-SW-6	600-48997-6
2012-SW-7	600-48997-7
2012-SW-8	600-48997-8
2012-SW-9	600-48997-9
2012-SW-10	600-48997-10
2012-SW-11	600-48997-11
2012-SW-12	600-48997-12
2012-SW-13	600-48997-13
2012-SW-14	600-48997-14
2012-SW-15	600-48997-15
2012-SW-DUP	600-48997-16

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-1 Lab Sample ID: 600-48997-1

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 09:45

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.00100	0.00500	0.000350	mg/L	J		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-1 Lab Sample ID: 600-48997-1

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 09:45

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00460	0.0100	0.00290	mg/L	J		1	6010B
7440-43-9	Cadmium	0.00190	0.00500	0.000350	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-2 Lab Sample ID: 600-48997-2

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 10:25

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000900	0.00500	0.000350	mg/L	J		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-2 Lab Sample ID: 600-48997-2

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 10:25

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00370	0.0100	0.00290	mg/L	J		1	6010B
7440-43-9	Cadmium	0.00200	0.00500	0.000350	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-3 Lab Sample ID: 600-48997-3

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 12:27

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-3 Lab Sample ID: 600-48997-3

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 12:27

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-4 Lab Sample ID: 600-48997-4

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 12:56

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-4 Lab Sample ID: 600-48997-4

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 12:56

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-5 Lab Sample ID: 600-48997-5

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 13:13

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-5 Lab Sample ID: 600-48997-5

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 13:13

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-6 Lab Sample ID: 600-48997-6

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 13:40

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-6 Lab Sample ID: 600-48997-6

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 13:40

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-7 Lab Sample ID: 600-48997-7

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 14:06

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00320	0.0100	0.00290	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-7 Lab Sample ID: 600-48997-7

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 14:06

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-8 Lab Sample ID: 600-48997-8

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 14:28

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00360	0.0100	0.00290	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-8 Lab Sample ID: 600-48997-8

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 14:28

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-9 Lab Sample ID: 600-48997-9

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 14:57

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-9 Lab Sample ID: 600-48997-9

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 14:57

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-10 Lab Sample ID: 600-48997-10

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 15:14

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-10 Lab Sample ID: 600-48997-10

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 15:14

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-11 Lab Sample ID: 600-48997-11

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 15:40

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-11 Lab Sample ID: 600-48997-11

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 15:40

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000600	0.00500	0.000350	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-12 Lab Sample ID: 600-48997-12

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 15:54

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-12 Lab Sample ID: 600-48997-12

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 15:54

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-13 Lab Sample ID: 600-48997-13

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 16:17

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-13 Lab Sample ID: 600-48997-13

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 16:17

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-14 Lab Sample ID: 600-48997-14

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 16:41

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-14 Lab Sample ID: 600-48997-14

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 16:41

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-15 Lab Sample ID: 600-48997-15

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 16:53

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-15 Lab Sample ID: 600-48997-15

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG ID.:

Matrix: Water Date Sampled: 01/17/2012 16:53

Reporting Basis: WET Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-SW-DUP
Lab Sample ID: 600-48997-16
Lab Name: TestAmerica Houston
Job No.: 600-48997-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 00:00
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00300	0.0100	0.00290	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-SW-DUP
Lab Sample ID: 600-48997-16
Lab Name: TestAmerica Houston
Job No.: 600-48997-1
SDG ID.:
Matrix: Water
Date Sampled: 01/17/2012 00:00
Reporting Basis: WET
Date Received: 01/18/2012 09:14

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	ICV 600-70969/9 01/26/2012 09:38				CCV 600-70969/50 01/26/2012 11:35				CCV 600-70969/63 01/26/2012 13:39			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4909		0.500	98	0.4911		0.500	98	0.5037		0.500	101
Lead	0.4844		0.500	97	0.4902		0.500	98	0.4987		0.500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	CCV 600-70969/76 01/26/2012 14:13				CCV 600-70969/89 01/26/2012 14:46							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5046		0.500	101	0.5076		0.500	102				
Lead	0.4993		0.500	100	0.5032		0.500	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	ICV 600-71248/9 01/31/2012 08:55				CCV 600-71248/27 01/31/2012 09:47				CCV 600-71248/40 01/31/2012 10:20			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4924		0.500	98	0.4904		0.500	98	0.4941		0.500	99
Lead	0.4884		0.500	98	0.4873		0.500	97	0.4853		0.500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	CCV 600-71248/53 01/31/2012 10:54				CCV 600-71248/62 01/31/2012 11:17							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4891		0.500	98	0.4975		0.500	100				
Lead	0.4833		0.500	97	0.4923		0.500	98				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70969/11 01/26/2012 09:43		CCB 600-70969/52 01/26/2012 11:40		CCB 600-70969/65 01/26/2012 13:44		CCB 600-70969/78 01/26/2012 14:18	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70969/91 01/26/2012 14:51							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-71248/11 01/31/2012 09:00		CCB 600-71248/29 01/31/2012 09:52		CCB 600-71248/42 01/31/2012 10:25		CCB 600-71248/55 01/31/2012 10:59	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-71248/64 01/31/2012 11:22							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70923/1-A

Instrument Code: Thermo6500 Batch No.: 70969

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.00290	U		6010B
7440-43-9	Cadmium	0.000350	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70924/1-A

Instrument Code: Thermo6500 Batch No.: 71248

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.00290	U		6010B
7440-43-9	Cadmium	0.000350	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Lab Sample ID: ICSA 600-70969/12 Instrument ID: Thermo6500

Lab File ID: 012612.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0000**	
Lead		**-0.0086**	
Aluminum	*500*	*540*	*108*
Antimony		*-0.0121*	
Arsenic		*0.0021*	
Barium		*0.0008*	
Beryllium		*0.0003*	
Boron		*-0.0021*	
Calcium	*500*	*529*	*106*
Chromium		*0.0023*	
Cobalt		*0.0003*	
Copper		*0.0028*	
Iron	*200*	*207*	*104*
Lithium		*0.0070*	
Magnesium	*500*	*584*	*117*
Manganese		*-0.0055*	
Molybdenum		*-0.0008*	
Nickel		*0.0064*	
Potassium		*0.0250*	
Selenium		*0.0066*	
Silicon		*-0.0154*	
Silver		*-0.0006*	
Sodium		*0.0276*	
Strontium		*0.0023*	
Thallium		*-0.0068*	
Tin		*0.0015*	
Titanium		*0.0012*	
Vanadium		*-0.0052*	
Zinc		*0.0028*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Lab Sample ID: ICSAB 600-70969/13 Instrument ID: Thermo6500

Lab File ID: 012612.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.516**	**103**
Lead	**1.00**	**0.954**	**95**
Aluminum	*510*	*556*	*109*
Antimony	*1.00*	*0.979*	*98*
Arsenic	*1.00*	*1.01*	*101*
Barium	*1.00*	*1.08*	*108*
Beryllium	*0.500*	*0.528*	*106*
Boron	*1.00*	*1.10*	*110*
Calcium	*510*	*533*	*104*
Chromium	*1.00*	*0.966*	*97*
Cobalt	*1.00*	*1.00*	*100*
Copper	*1.00*	*1.16*	*116*
Iron	*210*	*214*	*102*
Lithium	*1.00*	*1.08*	*108*
Magnesium	*510*	*594*	*117*
Manganese	*1.00*	*0.965*	*96*
Molybdenum	*1.00*	*0.921*	*92*
Nickel	*1.00*	*0.991*	*99*
Potassium	*10.0*	*11.0*	*110*
Selenium	*1.00*	*1.00*	*100*
Silicon	*1.00*	*1.02*	*102*
Silver	*0.500*	*0.553*	*111*
Sodium	*10.0*	*10.7*	*107*
Strontium	*0.500*	*0.536*	*107*
Thallium	*1.00*	*0.938*	*94*
Tin	*1.00*	*0.995*	*99*
Titanium	*1.00*	*1.01*	*101*
Vanadium	*1.00*	*0.979*	*98*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Lab Sample ID: ICSA 600-71248/12 Instrument ID: Thermo6500

Lab File ID: 013112.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0000**	
Lead		**-0.0086**	
Aluminum	*500*	*541*	*108*
Antimony		*-0.0097*	
Arsenic		*0.0015*	
Barium		*0.0008*	
Beryllium		*0.0000*	
Boron		*0.0058*	
Calcium	*500*	*507*	*101*
Cobalt		*0.0005*	
Copper		*0.0024*	
Iron	*200*	*196*	*98*
Lithium		*0.0098*	
Magnesium	*500*	*578*	*116*
Manganese		*-0.0056*	
Molybdenum		*-0.0007*	
Nickel		*0.0060*	
Potassium		*0.0203*	
Selenium		*0.0018*	
Silicon		*-0.0072*	
Silver		*-0.0003*	
Sodium		*0.0146*	
Strontium		*0.0025*	
Thallium		*-0.0042*	
Tin		*0.0019*	
Titanium		*0.0036*	
Vanadium		*-0.0057*	
Zinc		*0.0039*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Lab Sample ID: ICSAB 600-71248/13 Instrument ID: Thermo6500

Lab File ID: 013112.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.524**	**105**
Lead	**1.00**	**0.962**	**96**
Aluminum	*510*	*546*	*107*
Antimony	*1.00*	*0.996*	*100*
Arsenic	*1.00*	*1.03*	*103*
Barium	*1.00*	*1.10*	*110*
Beryllium	*0.500*	*0.520*	*104*
Boron	*1.00*	*1.08*	*108*
Calcium	*510*	*526*	*103*
Cobalt	*1.00*	*0.999*	*100*
Copper	*1.00*	*1.20*	*120*
Iron	*210*	*209*	*99*
Lithium	*1.00*	*1.09*	*109*
Magnesium	*510*	*598*	*117*
Manganese	*1.00*	*0.973*	*97*
Molybdenum	*1.00*	*0.933*	*93*
Nickel	*1.00*	*0.984*	*98*
Potassium	*10.0*	*11.4*	*114*
Selenium	*1.00*	*1.03*	*103*
Silicon	*1.00*	*0.971*	*97*
Silver	*0.500*	*0.559*	*112*
Sodium	*10.0*	*11.0*	*110*
Strontium	*0.500*	*0.543*	*109*
Thallium	*1.00*	*0.925*	*92*
Tin	*1.00*	*0.999*	*100*
Titanium	*1.00*	*1.03*	*103*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-SW-1 MS
Lab ID: 600-48997-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-48997-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5194		0.00100	J	0.500	104	75-125		6010B
Lead	1.002		0.00290	U	1.00	100	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: 2012-SW-1 MS
Lab ID: 600-48997-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-48997-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	0.9767		0.00460	J	1.00	97	75-125		6010B
Cadmium	0.5062		0.00190	J	0.500	101	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-SW-1 MSD | Lab ID: 600-48997-1 MSD

Lab Name: TestAmerica Houston | Job No.: 600-48997-1

SDG No.:

Matrix: Water | Concentration Units: mg/L

% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.5261		0.500	105	75-125	1	20		6010B
Lead	1.022		1.00	102	75-125	2	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: 2012-SW-1 MSD | Lab ID: 600-48997-1 MSD

Lab Name: TestAmerica Houston | Job No.: 600-48997-1

SDG No.:

Matrix: Water | Concentration Units: mg/L

% Solids:

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Lead	0.9791		1.00	97	75-125	0	20		6010B
Cadmium	0.5081		0.500	101	75-125	0	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-SW-1 PDS | Lab ID: 600-48997-1 PDS

Lab Name: TestAmerica Houston | Job No.: 600-48997-1

SDG No.:

Matrix: Water | Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	1.011		0.00290	U	1.00	101	75-125		6010B
Cadmium	0.5221		0.00100	J	0.500	104	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: 2012-SW-1 PDS | Lab ID: 600-48997-1 PDS

Lab Name: TestAmerica Houston | Job No.: 600-48997-1

SDG No.:

Matrix: Water | Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	0.9522		0.00460	J	1.00	95	75-125		6010B
Cadmium	0.4979		0.00190	J	0.500	99	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70923/2-A

Lab Name: TestAmerica Houston Job No.: 600-48997-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	1.00	1.017		102	80	120		6010B
Cadmium	0.500	0.5095		102	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70924/2-A

Lab Name: TestAmerica Houston Job No.: 600-48997-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	1.00	0.9611		96	80	120		6010B
Cadmium	0.500	0.4889		98	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-48997-1

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48997-1

Matrix: Water Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	0.00290	U	0.0145	U	NC		6010B
Cadmium	0.00100	J	0.003000	J	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - DISSOLVED

Lab ID: 600-48997-1

SDG No:

Lab Name: TestAmerica Houston Job No: 600-48997-1

Matrix: Water Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	0.00460	J	0.03000	J	NC		6010B
Cadmium	0.00190	J	0.01250	J	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48997-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Houston Job Number: 600-48997-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Houston Job Number: 600-48997-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48997-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48997-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-48997-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70923/1-A	01/26/2012 06:10	70923		50	50
LCS 600-70923/2-A	01/26/2012 06:10	70923		50	50
600-48997-1	01/26/2012 06:10	70923		50	50
600-48997-1 MS	01/26/2012 06:10	70923		50	50
600-48997-1 MSD	01/26/2012 06:10	70923		50	50
600-48997-2	01/26/2012 06:10	70923		50	50
600-48997-3	01/26/2012 06:10	70923		50	50
600-48997-4	01/26/2012 06:10	70923		50	50
600-48997-5	01/26/2012 06:10	70923		50	50
600-48997-6	01/26/2012 06:10	70923		50	50
600-48997-7	01/26/2012 06:10	70923		50	50
600-48997-8	01/26/2012 06:10	70923		50	50
600-48997-9	01/26/2012 06:10	70923		50	50
600-48997-10	01/26/2012 06:10	70923		50	50
600-48997-11	01/26/2012 06:10	70923		50	50
600-48997-12	01/26/2012 06:10	70923		50	50
600-48997-13	01/26/2012 06:10	70923		50	50
600-48997-14	01/26/2012 06:10	70923		50	50
600-48997-15	01/26/2012 06:10	70923		50	50
600-48997-16	01/26/2012 06:10	70923		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70924/1-A	01/26/2012 06:10	70924		50	50
LCS 600-70924/2-A	01/26/2012 06:10	70924		50	50
600-48997-1	01/26/2012 06:10	70924		50	50
600-48997-1 MS	01/26/2012 06:10	70924		50	50
600-48997-1 MSD	01/26/2012 06:10	70924		50	50
600-48997-2	01/26/2012 06:10	70924		50	50
600-48997-3	01/26/2012 06:10	70924		50	50
600-48997-4	01/26/2012 06:10	70924		50	50
600-48997-5	01/26/2012 06:10	70924		50	50
600-48997-6	01/26/2012 06:10	70924		50	50
600-48997-7	01/26/2012 06:10	70924		50	50
600-48997-8	01/26/2012 06:10	70924		50	50
600-48997-9	01/26/2012 06:10	70924		50	50
600-48997-10	01/26/2012 06:10	70924		50	50
600-48997-11	01/26/2012 06:10	70924		50	50
600-48997-12	01/26/2012 06:10	70924		50	50
600-48997-13	01/26/2012 06:10	70924		50	50
600-48997-14	01/26/2012 06:10	70924		50	50
600-48997-15	01/26/2012 06:10	70924		50	50
600-48997-16	01/26/2012 06:10	70924		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/26/2012 09:18 End Date: 01/26/2012 17:18

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-70969/1			09:18																					
RINSE 600-70969/2			09:20																					
ZZZZZZ			09:23																					
ZZZZZZ			09:26																					
CALIBSTD 600-70969/5 IC			09:28	X	X																			
CALIBSTD 600-70969/6 IC			09:31	X	X																			
CALIBSTD 600-70969/7 IC			09:33	X	X																			
CALIBSTD 600-70969/8 IC			09:35	X	X																			
ICV 600-70969/9	1		09:38	X	X																			
ZZZZZZ			09:40																					
ICB 600-70969/11	1		09:43	X	X																			
ICSA 600-70969/12	1		09:46	X	X																			
ICSAB 600-70969/13	1		09:48	X	X																			
CCV 600-70969/14			09:51																					
ZZZZZZ			09:53																					
CCB 600-70969/16			09:56																					
ZZZZZZ			10:10																					
ZZZZZZ			10:13																					
ZZZZZZ			10:15																					
ZZZZZZ			10:18																					
ZZZZZZ			10:21																					
ZZZZZZ			10:23																					
ZZZZZZ			10:26																					
ZZZZZZ			10:28																					
ZZZZZZ			10:31																					
ZZZZZZ			10:33																					
CCV 600-70969/27			10:36																					
ZZZZZZ			10:38																					
CCB 600-70969/29			10:41																					
ZZZZZZ			10:44																					
ZZZZZZ			10:46																					
ZZZZZZ			10:49																					
ZZZZZZ			10:52																					
ZZZZZZ			10:54																					
ZZZZZZ			10:57																					
ZZZZZZ			10:59																					
ZZZZZZ			11:02																					
ZZZZZZ			11:04																					
ZZZZZZ			11:07																					
CCV 600-70969/40			11:09																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/26/2012 09:18 End Date: 01/26/2012 17:18

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			11:12																					
CCB 600-70969/42			11:14																					
ZZZZZZ			11:17																					
ZZZZZZ			11:20																					
ZZZZZZ			11:22																					
ZZZZZZ			11:25																					
ZZZZZZ			11:27																					
ZZZZZZ			11:30																					
ZZZZZZ			11:32																					
CCV 600-70969/50	1		11:35	X	X																			
ZZZZZZ			11:37																					
CCB 600-70969/52	1		11:40	X	X																			
MB 600-70923/1-A	1	T	13:14	X	X																			
LCS 600-70923/2-A	1	T	13:16	X	X																			
600-48997-1	1	T	13:19	X	X																			
600-48997-1 MS	1	T	13:21	X	X																			
600-48997-1 MSD	1	T	13:24	X	X																			
600-48997-2	1	T	13:26	X	X																			
600-48997-3	1	T	13:28	X	X																			
600-48997-4	1	T	13:31	X	X																			
600-48997-5	1	T	13:34	X	X																			
600-48997-6	1	T	13:36	X	X																			
CCV 600-70969/63	1		13:39	X	X																			
ZZZZZZ			13:41																					
CCB 600-70969/65	1		13:44	X	X																			
600-48997-7	1	T	13:47	X	X																			
600-48997-8	1	T	13:49	X	X																			
600-48997-9	1	T	13:52	X	X																			
600-48997-10	1	T	13:54	X	X																			
600-48997-11	1	T	13:57	X	X																			
600-48997-12	1	T	14:00	X	X																			
600-48997-13	1	T	14:02	X	X																			
600-48997-14	1	T	14:05	X	X																			
600-48997-15	1	T	14:07	X	X																			
600-48997-16	1	T	14:10	X	X																			
CCV 600-70969/76	1		14:13	X	X																			
ZZZZZZ			14:15																					
CCB 600-70969/78	1		14:18	X	X																			
ZZZZZZ			14:20																					
ZZZZZZ			14:23																					
ZZZZZZ			14:26																					
ZZZZZZ			14:28																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/26/2012 09:18 End Date: 01/26/2012 17:18

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			14:30																					
600-48997-1 PDS	1	T	14:33	X	X																			
600-48997-1 SD	5	T	14:35	X	X																			
ZZZZZZ			14:38																					
ZZZZZZ			14:41																					
ZZZZZZ			14:43																					
CCV 600-70969/89	1		14:46	X	X																			
ZZZZZZ			14:48																					
CCB 600-70969/91	1		14:51	X	X																			
ZZZZZZ			14:53																					
ZZZZZZ			14:56																					
ZZZZZZ			14:58																					
ZZZZZZ			15:01																					
ZZZZZZ			15:03																					
ZZZZZZ			15:06																					
ZZZZZZ			15:08																					
ZZZZZZ			15:11																					
ZZZZZZ			15:14																					
ZZZZZZ			15:16																					
CCV 600-70969/102			15:19																					
ZZZZZZ			15:21																					
CCB 600-70969/104			15:24																					
ZZZZZZ			15:27																					
ZZZZZZ			15:29																					
ZZZZZZ			15:32																					
ZZZZZZ			15:34																					
ZZZZZZ			15:37																					
ZZZZZZ			15:40																					
ZZZZZZ			15:42																					
ZZZZZZ			15:45																					
ZZZZZZ			15:47																					
ZZZZZZ			15:50																					
ZZZZZZ			15:53																					
ZZZZZZ			15:55																					
ZZZZZZ			15:58																					
ZZZZZZ			16:00																					
CCV 600-70969/119			16:06																					
ZZZZZZ			16:08																					
CCB 600-70969/121			16:11																					
ZZZZZZ			16:14																					
ZZZZZZ			16:16																					
ZZZZZZ			16:19																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/26/2012 09:18 End Date: 01/26/2012 17:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			16:22																				
ZZZZZZ			16:24																				
ZZZZZZ			16:27																				
ZZZZZZ			16:29																				
ZZZZZZ			16:32																				
ZZZZZZ			16:35																				
ZZZZZZ			16:37																				
CCV 600-70969/132			16:40																				
ZZZZZZ			16:42																				
CCB 600-70969/134			16:45																				
ZZZZZZ			16:47																				
ZZZZZZ			16:50																				
ZZZZZZ			16:53																				
ZZZZZZ			16:55																				
CCV 600-70969/139			16:58																				
ZZZZZZ			17:00																				
CCB 600-70969/141			17:03																				
ZZZZZZ			17:05																				
ZZZZZZ			17:08																				
CCV 600-70969/144			17:10																				
CCB 600-70969/145			17:13																				
RINSE 600-70969/146			17:15																				
RINSE 600-70969/147			17:18																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/31/2012 08:35 End Date: 01/31/2012 15:36

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-71248/1			08:35																					
RINSE 600-71248/2			08:37																					
ZZZZZZ			08:40																					
ZZZZZZ			08:43																					
CALIBSTD 600-71248/5 IC			08:45	X	X																			
CALIBSTD 600-71248/6 IC			08:48	X	X																			
CALIBSTD 600-71248/7 IC			08:50	X	X																			
CALIBSTD 600-71248/8 IC			08:53	X	X																			
ICV 600-71248/9	1		08:55	X	X																			
ZZZZZZ			08:57																					
ICB 600-71248/11	1		09:00	X	X																			
ICSA 600-71248/12	1		09:03	X	X																			
ICSAB 600-71248/13	1		09:05	X	X																			
CCV 600-71248/14			09:07																					
ZZZZZZ			09:10																					
CCB 600-71248/16			09:13																					
ZZZZZZ			09:22																					
ZZZZZZ			09:24																					
ZZZZZZ			09:27																					
ZZZZZZ			09:29																					
ZZZZZZ			09:32																					
ZZZZZZ			09:34																					
ZZZZZZ			09:37																					
ZZZZZZ			09:40																					
ZZZZZZ			09:42																					
ZZZZZZ			09:45																					
CCV 600-71248/27	1		09:47	X	X																			
ZZZZZZ			09:50																					
CCB 600-71248/29	1		09:52	X	X																			
ZZZZZZ			09:55																					
ZZZZZZ			09:57																					
MB 600-70924/1-A	1	T	10:00	X	X																			
LCS 600-70924/2-A	1	T	10:03	X	X																			
600-48997-1	1	D	10:05	X	X																			
600-48997-1 MS	1	D	10:08	X	X																			
600-48997-1 MSD	1	D	10:10	X	X																			
600-48997-2	1	D	10:12	X	X																			
600-48997-3	1	D	10:15	X	X																			
600-48997-4	1	D	10:17	X	X																			
CCV 600-71248/40	1		10:20	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/31/2012 08:35 End Date: 01/31/2012 15:36

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			10:22																					
CCB 600-71248/42	1		10:25	X	X																			
600-48997-5	1	D	10:28	X	X																			
600-48997-6	1	D	10:30	X	X																			
600-48997-7	1	D	10:33	X	X																			
600-48997-8	1	D	10:35	X	X																			
600-48997-9	1	D	10:38	X	X																			
600-48997-10	1	D	10:41	X	X																			
ZZZZZZ			10:43																					
600-48997-12	1	D	10:46	X	X																			
600-48997-13	1	D	10:48	X	X																			
ZZZZZZ			10:51																					
CCV 600-71248/53	1		10:54	X	X																			
ZZZZZZ			10:56																					
CCB 600-71248/55	1		10:59	X	X																			
600-48997-15	1	D	11:01	X	X																			
600-48997-16	1	D	11:04	X	X																			
600-48997-1 PDS	1	D	11:06	X	X																			
600-48997-1 SD	5	D	11:09	X	X																			
600-48997-11	1	D	11:11	X	X																			
600-48997-14	1	D	11:14	X	X																			
CCV 600-71248/62	1		11:17	X	X																			
ZZZZZZ			11:19																					
CCB 600-71248/64	1		11:22	X	X																			
ZZZZZZ			12:08																					
ZZZZZZ			12:11																					
ZZZZZZ			12:14																					
ZZZZZZ			12:16																					
ZZZZZZ			12:19																					
ZZZZZZ			12:21																					
ZZZZZZ			12:24																					
ZZZZZZ			12:26																					
ZZZZZZ			12:29																					
ZZZZZZ			12:32																					
CCV 600-71248/75			12:34																					
ZZZZZZ			12:37																					
CCB 600-71248/77			12:39																					
ZZZZZZ			12:42																					
ZZZZZZ			12:45																					
ZZZZZZ			12:47																					
ZZZZZZ			12:50																					
ZZZZZZ			12:53																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/31/2012 08:35 End Date: 01/31/2012 15:36

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			12:55																				
ZZZZZZ			12:58																				
ZZZZZZ			13:00																				
CCV 600-71248/86			13:03																				
ZZZZZZ			13:05																				
CCB 600-71248/88			13:08																				
ZZZZZZ			13:15																				
ZZZZZZ			13:18																				
CCV 600-71248/91			13:20																				
ZZZZZZ			13:23																				
CCB 600-71248/93			13:25																				
ICSA 600-71248/94			15:24																				
ICSAB 600-71248/95			15:26																				
CCV 600-71248/96			15:29																				
CCB 600-71248/97			15:31																				
RINSE 600-71248/98			15:34																				
RINSE 600-71248/99			15:36																				

Prep Types

D = Dissolved

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v648)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:18:06
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0002	46.27	0.0007	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0112	0.0293	261.9	-0.032	0.0095
As1890	189.042 {4	Y_2243	ppm	0.001	0.0001	8.739	0.0011	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0018	0.0091	507.3	0.0082	-0.0046
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0002	186.2	0.0002	0
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	305.8	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.0371	0.0011	3.012	0.0363	0.0379
Ca3181	318.128 {1	In2306	ppm	0.0101	0.0394	390.8	0.038	-0.0178
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	28.29	-0.0002	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0005	0	6.23	0.0005	0.0005
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0	1.235	-0.0008	-0.0008
Cu3247	324.754 {1	Y_3600	ppm	-0.0132	0.0003	2.122	-0.013	-0.0134
Fe2404	240.488 {1	In2306	ppm	-0.0066	0.0147	224.4	-0.017	0.0039
K_7664	766.490 { 4	Y_3710	ppm	-0.0065	0.0001	1.9	-0.0066	-0.0064
K_7698	769.896 { 4	Y_3710	ppm	-0.299	0.0086	2.887	-0.3051	-0.2929
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	46.91	0.0001	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0631	0.0347	55.01	-0.0385	-0.0876
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	506.7	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0013	0.0015	111.3	-0.0003	-0.0024
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	53.76	0.0002	0.0001
Na5895	589.592 { 5	Y_3710	ppm	-0.0301	0.0013	4.357	-0.0292	-0.031
Na8183	818.326 { 4	Y_3710	ppm	0.1705	0.055	32.28	0.2094	0.1316
Ni2316	231.604 {4	In2306	ppm	0.0003	0	10.75	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0008	142.9	0	-0.0011
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0003	103.4	-0.0005	-0.0001
S_1820	182.034 {4	Y_2243	ppm	0.0436	0.0672	154.3	-0.004	0.0911
Sb2068	206.833 {4	Y_2243	ppm	-0.0005	0.0007	133.6	0	-0.001
Se1960	196.090 {4	Y_2243	ppm	0.0011	0.0004	33.84	0.0013	0.0008
Si2516	251.611 {1	Y_3710	ppm	-0.0055	0.0009	16.11	-0.0062	-0.0049
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0004	134.6	-0.0006	0
Sr4215	421.552 { 8	Y_3710	ppm	-0.0002	0	1.474	-0.0002	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	0	0.0004	2384	-0.0003	0.0003
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0013	105.3	0.0021	0.0003
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0005	82.93	-0.0002	-0.0009
Zn2062	206.200 {4	In2306	ppm	0	0.0001	1344	0.0001	-0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.9	0.95843	1.7146	56.577	55.222
In2306	230.606 {4	Cts/S	9964.1	9.4064	0.0944	9970.8	9957.5
Y_2243	224.306 {4	Cts/S	14024	22.265	0.15877	14039	14008
Y_3600	360.073 { 9	Cts/S	44654	10.552	0.02363	44647	44662
Y_3710	371.030 { 9	Cts/S	8532.9	51.386	0.60221	8569.2	8496.5

[Sample Header]
Method=ICP6500Metals_TRY3(v648)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:20:46
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	56.12	0.0002	0.0004
Al3082	308.215 {1	In2306	ppm	0.0022	0.0265	1232	0.0209	-0.0166
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0003	28.4	0.0015	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0171	0.0012	7.168	0.018	0.0162
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	128	0.0003	0
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	269.1	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.1355	0.0151	11.12	0.1248	0.1461
Ca3181	318.128 {1	In2306	ppm	0.0363	0.0125	34.44	0.0274	0.0451
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0	17.62	-0.0002	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	15.53	0.0004	0.0003
Cr2677	267.716 {1	Y_3600	ppm	-0.0006	0.0006	98.83	-0.0002	-0.001
Cu3247	324.754 {1	Y_3600	ppm	-0.0138	0	0.282	-0.0138	-0.0138
Fe2404	240.488 {1	In2306	ppm	0.0019	0.0089	457.8	0.0082	-0.0043
K_7664	766.490 { 4	Y_3710	ppm	0.0025	0.0008	33.54	0.0031	0.0019
K_7698	769.896 { 4	Y_3710	ppm	-0.2556	0.0282	11.04	-0.2356	-0.2755
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0003	117.3	0	-0.0005
Mg2790	279.079 {1	Y_3710	ppm	-0.0623	0.0623	100	-0.0182	-0.1063
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0.0001	33.2	0.0003	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0012	0.001	84.59	-0.0019	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0.0002	354.8	-0.0002	0.0001
Na5895	589.592 { 5	Y_3710	ppm	-0.0204	0.0013	6.607	-0.0214	-0.0195
Na8183	818.326 { 4	Y_3710	ppm	0.2745	0.0197	7.173	0.2885	0.2606
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	88.08	0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0015	0.0005	35.21	-0.0018	-0.0011
Pb2203	220.353 {4	In2306	ppm	-0.0006	0.0006	99.31	-0.0002	-0.001
S_1820	182.034 {4	Y_2243	ppm	-0.035	0.026	74.13	-0.0167	-0.0534
Sb2068	206.833 {4	Y_2243	ppm	-0.0024	0.0002	8.727	-0.0023	-0.0026
Se1960	196.090 {4	Y_2243	ppm	-0.0008	0.0002	27.01	-0.0007	-0.001
Si2516	251.611 {1	Y_3710	ppm	-0.0155	0.0029	18.54	-0.0175	-0.0135
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0002	72.7	-0.0001	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	16.01	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0003	632.6	0.0003	-0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0006	904.2	-0.0005	0.0003
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0001	79.57	0.0001	0.0003
Zn2062	206.200 {4	In2306	ppm	0.003	0	0.3691	0.003	0.0029

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.872	0.52358	0.92061	56.502	57.243
In2306	230.606 {4	Cts/S	9940.8	0.87129	0.00876	9941.4	9940.2
Y_2243	224.306 {4	Cts/S	13971	2.9698	0.02126	13969	13973
Y_3600	360.073 { 9	Cts/S	44941	145.79	0.3244	45044	44838
Y_3710	371.030 { 9	Cts/S	8573.3	25.059	0.29229	8555.5	8591

[Sample Header]
Method=ICP6500Metals_TRY3(v648)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:23:28
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0001	0	17.48	0.0001	0.0001
Al3082	308.215 {1	In2306	Cts/S	0.1835	0.0019	1.018	0.1822	0.1848
As1890	189.042 {4	Y_2243	Cts/S	0	0	117.3	0	0
B_2496	249.678 {1	Y_3710	Cts/S	0.0001	0.0001	86.51	0.0001	0
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0048	0	0.8135	0.0048	0.0047
Be3130	313.042 {1	Y_3710	Cts/S	-0.0004	0.0002	40.17	-0.0003	-0.0005
Ca3158	315.887 {1	In2306	Cts/S	-0.0844	0.0322	38.08	-0.0617	-0.1072
Ca3181	318.128 {1	In2306	Cts/S	-0.0445	0.0175	39.2	-0.0569	-0.0322
Cd2288	228.802 {4	Y_2243	Cts/S	0.0004	0.0001	19.44	0.0004	0.0003
Co2286	228.616 {4	In2306	Cts/S	-0.0003	0	5.249	-0.0003	-0.0003
Cr2677	267.716 {1	Y_3600	Cts/S	0	0.0001	2461	0.0001	-0.0001
Cu3247	324.754 {1	Y_3600	Cts/S	0.0041	0	1.142	0.0042	0.0041
Fe2404	240.488 {1	In2306	Cts/S	0.023	0.0254	110.6	0.005	0.041
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0013	0.0008	63.81	-0.0007	-0.0019
K_7698	769.896 { 4	Y_3710	Cts/S	0.0303	0.0009	2.864	0.0297	0.0309
Li6707	670.784 { 5	Y_3710	Cts/S	0.0035	0.0005	15.72	0.0038	0.0031
Mg2790	279.079 {1	Y_3710	Cts/S	-0.0001	0.0001	181.1	0	-0.0001
Mn2576	257.610 {1	Y_3600	Cts/S	0.0003	0	2.497	0.0003	0.0003
Mn2576-2	257.610 {1	Y_3710	Cts/S	0	0	63.95	0	-0.0001
Mo2020	202.030 {4	Y_2243	Cts/S	0.0001	0	35.09	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	Cts/S	0.0222	0.0002	1.095	0.0224	0.022
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0036	0.001	28.49	-0.0029	-0.0044
Ni2316	231.604 {4	In2306	Cts/S	0	0.0001	153.7	0	-0.0001
P_1782	178.284 {4	In2306	Cts/S	0.0002	0	8.149	0.0001	0.0002
Pb2203	220.353 {4	In2306	Cts/S	-0.0001	0.0001	166.6	-0.0002	0
S_1820	182.034 {4	Y_2243	Cts/S	-0.0001	0	18.19	0	-0.0001
Sb2068	206.833 {4	Y_2243	Cts/S	0.0001	0.0001	106.8	0.0001	0
Se1960	196.090 {4	Y_2243	Cts/S	0	0	10.58	0	0
Si2516	251.611 {1	Y_3710	Cts/S	0.0003	0.0002	50.32	0.0002	0.0004
Sn1899	189.989 {4	In2306	Cts/S	0.0002	0	17.11	0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	Cts/S	0	0.0003	1138	0.0002	-0.0002
Ti3349	334.904 {1	Y_3600	Cts/S	0	0.0001	178.3	0	-0.0001
Tl1908	190.856 {4	In2306	Cts/S	-0.0002	0	1.29	-0.0002	-0.0002
V_2924	292.402 {1	Y_3600	Cts/S	-0.0019	0.0001	5.003	-0.0019	-0.0018
Zn2062	206.200 {4	In2306	Cts/S	0.0017	0	1.702	0.0017	0.0016

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.078	0.378	0.68629	54.811	55.346
In2306	230.606 {4	Cts/S	9881.8	5.9909	0.06063	9886	9877.5
Y_2243	224.306 {4	Cts/S	13964	13.813	0.09892	13954	13974
Y_3600	360.073 { 9	Cts/S	44366	36.229	0.08166	44340	44392
Y_3710	371.030 { 9	Cts/S	8391.9	10.909	0.12999	8384.2	8399.7

[Sample Header]
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SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:26:06
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0099	0.0002	1.572	0.01	0.0098
Al3082	308.215 {1	In2306	Cts/S	0.9768	0.0313	3.209	0.9546	0.9989
As1890	189.042 {4	Y_2243	Cts/S	0.0064	0	0.0669	0.0064	0.0064
B_2496	249.678 {1	Y_3710	Cts/S	0.0018	0.0002	12.33	0.002	0.0017
Ba4554	455.403 { 7	Y_3710	Cts/S	0.4442	0.0023	0.5215	0.4426	0.4458
Be3130	313.042 {1	Y_3710	Cts/S	0.133	0.0005	0.3442	0.1327	0.1333
Ca3158	315.887 {1	In2306	Cts/S	2.261	0.017	0.7536	2.249	2.273
Ca3181	318.128 {1	In2306	Cts/S	0.5095	0.0114	2.244	0.5014	0.5176
Cd2288	228.802 {4	Y_2243	Cts/S	0.049	0.0001	0.2724	0.0491	0.0489
Co2286	228.616 {4	In2306	Cts/S	0.0891	0.0003	0.3098	0.0893	0.0889
Cr2677	267.716 {1	Y_3600	Cts/S	0.0138	0	0.0789	0.0138	0.0138
Cu3247	324.754 {1	Y_3600	Cts/S	0.0352	0	0.0551	0.0352	0.0351
Fe2404	240.488 {1	In2306	Cts/S	1.402	0.0111	0.7918	1.394	1.409
K_7664	766.490 { 4	Y_3710	Cts/S	0.1467	0	0.0182	0.1467	0.1467
K_7698	769.896 { 4	Y_3710	Cts/S	0.0817	0.0005	0.6521	0.0813	0.0821
Li6707	670.784 { 5	Y_3710	Cts/S	0.5352	0.0088	1.652	0.529	0.5415
Mg2790	279.079 {1	Y_3710	Cts/S	0.0033	0.0003	7.814	0.0035	0.0031
Mn2576	257.610 {1	Y_3600	Cts/S	0.0944	0.0002	0.2031	0.0945	0.0942
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0131	0.0001	0.998	0.0132	0.013
Mo2020	202.030 {4	Y_2243	Cts/S	0.0332	0.0001	0.3913	0.0333	0.0331
Na5895	589.592 { 5	Y_3710	Cts/S	0.46	0.0078	1.694	0.4545	0.4655
Na8183	818.326 { 4	Y_3710	Cts/S	0.0147	0.0026	17.46	0.0129	0.0165
Ni2316	231.604 {4	In2306	Cts/S	0.0461	0.0001	0.2125	0.0461	0.046
P_1782	178.284 {4	In2306	Cts/S	0.0066	0	0.2672	0.0066	0.0066
Pb2203	220.353 {4	In2306	Cts/S	0.0149	0.0001	0.81	0.015	0.0148
S_1820	182.034 {4	Y_2243	Cts/S	-0.0003	0	11.97	-0.0003	-0.0003
Sb2068	206.833 {4	Y_2243	Cts/S	0.0053	0.0001	1.257	0.0053	0.0052
Se1960	196.090 {4	Y_2243	Cts/S	0.004	0	0.2802	0.004	0.004
Si2516	251.611 {1	Y_3710	Cts/S	0.0011	0.0001	6.538	0.0011	0.001
Sn1899	189.989 {4	In2306	Cts/S	0.0233	0.0002	0.6603	0.0234	0.0232
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2452	0.0016	0.6422	0.2441	0.2463
Ti3349	334.904 {1	Y_3600	Cts/S	0.022	0	0.0107	0.022	0.022
Tl1908	190.856 {4	In2306	Cts/S	0.0074	0.0001	1.994	0.0075	0.0073
V_2924	292.402 {1	Y_3600	Cts/S	0.019	0.0002	0.8538	0.0191	0.0189
Zn2062	206.200 {4	In2306	Cts/S	0.1058	0.0004	0.3632	0.106	0.1055

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.2	1.1657	2.0379	58.024	56.376
In2306	230.606 {4	Cts/S	9877.1	7.1593	0.07248	9882.2	9872.1
Y_2243	224.306 {4	Cts/S	14133	19.662	0.13912	14147	14119
Y_3600	360.073 { 9	Cts/S	45801	25.853	0.05645	45820	45783
Y_3710	371.030 { 9	Cts/S	8757.5	24.965	0.28506	8775.2	8739.9

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Method=ICP6500Metals_TRY3(v648)
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:28:38
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0196	0.0001	0.4743	0.0196	0.0195
Al3082	308.215 {1	In2306	Cts/S	1.791	0.049	2.736	1.756	1.826
As1890	189.042 {4	Y_2243	Cts/S	0.0129	0	0.258	0.0129	0.013
B_2496	249.678 {1	Y_3710	Cts/S	0.004	0.0001	2.004	0.0041	0.0039
Ba4554	455.403 { 7	Y_3710	Cts/S	0.8945	0.0054	0.608	0.8984	0.8907
Be3130	313.042 {1	Y_3710	Cts/S	0.2689	0.0019	0.7125	0.2675	0.2702
Ca3158	315.887 {1	In2306	Cts/S	4.542	0.1832	4.034	4.412	4.671
Ca3181	318.128 {1	In2306	Cts/S	1.023	0.0243	2.372	1.006	1.04
Cd2288	228.802 {4	Y_2243	Cts/S	0.0982	0.0003	0.3169	0.0985	0.098
Co2286	228.616 {4	In2306	Cts/S	0.1807	0.0001	0.0375	0.1807	0.1808
Cr2677	267.716 {1	Y_3600	Cts/S	0.0277	0.0001	0.1849	0.0276	0.0277
Cu3247	324.754 {1	Y_3600	Cts/S	0.0668	0.0001	0.1582	0.0669	0.0667
Fe2404	240.488 {1	In2306	Cts/S	2.785	0.0678	2.434	2.737	2.833
K_7664	766.490 { 4	Y_3710	Cts/S	0.3148	0.0081	2.578	0.3205	0.309
K_7698	769.896 { 4	Y_3710	Cts/S	0.1496	0.0022	1.469	0.1511	0.148
Li6707	670.784 { 5	Y_3710	Cts/S	1.14	0.0275	2.41	1.159	1.12
Mg2790	279.079 {1	Y_3710	Cts/S	0.0068	0.0002	3.034	0.0067	0.0069
Mn2576	257.610 {1	Y_3600	Cts/S	0.1863	0	0.0027	0.1863	0.1863
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0266	0.0003	1.255	0.0264	0.0269
Mo2020	202.030 {4	Y_2243	Cts/S	0.0671	0.0002	0.2274	0.0672	0.067
Na5895	589.592 { 5	Y_3710	Cts/S	0.9519	0.0227	2.382	0.9679	0.9358
Na8183	818.326 { 4	Y_3710	Cts/S	0.0329	0.0011	3.236	0.0321	0.0336
Ni2316	231.604 {4	In2306	Cts/S	0.0929	0	0.0087	0.0929	0.0929
P_1782	178.284 {4	In2306	Cts/S	0.0133	0	0.3315	0.0133	0.0133
Pb2203	220.353 {4	In2306	Cts/S	0.0303	0.0002	0.7227	0.0302	0.0305
S_1820	182.034 {4	Y_2243	Cts/S	-0.0003	0	6.446	-0.0003	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0109	0.0001	0.4581	0.011	0.0109
Se1960	196.090 {4	Y_2243	Cts/S	0.0082	0.0001	0.7746	0.0081	0.0082
Si2516	251.611 {1	Y_3710	Cts/S	0.002	0.0002	8.295	0.0019	0.0021
Sn1899	189.989 {4	In2306	Cts/S	0.047	0	0.0255	0.047	0.047
Sr4215	421.552 { 8	Y_3710	Cts/S	0.5002	0.0018	0.3648	0.5015	0.4989
Ti3349	334.904 {1	Y_3600	Cts/S	0.045	0.0001	0.1792	0.0449	0.045
Tl1908	190.856 {4	In2306	Cts/S	0.0151	0.0002	1.132	0.0152	0.015
V_2924	292.402 {1	Y_3600	Cts/S	0.0397	0.0001	0.1648	0.0398	0.0397
Zn2062	206.200 {4	In2306	Cts/S	0.213	0.0005	0.2448	0.2126	0.2133

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.213	1.4398	2.5614	57.231	55.195
In2306	230.606 {4	Cts/S	9687.3	29.286	0.30231	9666.6	9708
Y_2243	224.306 {4	Cts/S	13972	54.562	0.3905	13934	14011
Y_3600	360.073 { 9	Cts/S	45661	154.31	0.33794	45770	45552
Y_3710	371.030 { 9	Cts/S	8569.9	9.7066	0.11326	8563	8576.8

[Sample Header]
Method=ICP6500Metals_TRY3(v648)
SampleName=CalibStd-3
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:31:07
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0394	0	0.1261	0.0394	0.0395
Al3082	308.215 {1	In2306	Cts/S	3.377	0.0595	1.763	3.419	3.334
As1890	189.042 {4	Y_2243	Cts/S	0.0258	0.0005	2.11	0.0254	0.0261
B_2496	249.678 {1	Y_3710	Cts/S	0.008	0.0002	2.571	0.0082	0.0079
Ba4554	455.403 { 7	Y_3710	Cts/S	1.791	0.0015	0.0827	1.792	1.79
Be3130	313.042 {1	Y_3710	Cts/S	0.5471	0.001	0.1827	0.5464	0.5479
Ca3158	315.887 {1	In2306	Cts/S	9.114	0.1064	1.168	9.039	9.189
Ca3181	318.128 {1	In2306	Cts/S	2.043	0.0085	0.4175	2.037	2.049
Cd2288	228.802 {4	Y_2243	Cts/S	0.1933	0.0051	2.624	0.1897	0.1968
Co2286	228.616 {4	In2306	Cts/S	0.3594	0.0095	2.655	0.3527	0.3662
Cr2677	267.716 {1	Y_3600	Cts/S	0.0557	0.0001	0.2341	0.0558	0.0556
Cu3247	324.754 {1	Y_3600	Cts/S	0.1306	0.0004	0.3424	0.1309	0.1303
Fe2404	240.488 {1	In2306	Cts/S	5.466	0.0676	1.237	5.418	5.513
K_7664	766.490 { 4	Y_3710	Cts/S	0.6493	0.003	0.4563	0.6514	0.6472
K_7698	769.896 { 4	Y_3710	Cts/S	0.2865	0.0015	0.5163	0.2875	0.2854
Li6707	670.784 { 5	Y_3710	Cts/S	2.334	0.0246	1.054	2.351	2.316
Mg2790	279.079 {1	Y_3710	Cts/S	0.0141	0.0001	0.5015	0.0142	0.0141
Mn2576	257.610 {1	Y_3600	Cts/S	0.3725	0.0001	0.0282	0.3726	0.3724
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0541	0.0005	0.9244	0.0537	0.0545
Mo2020	202.030 {4	Y_2243	Cts/S	0.1317	0.0033	2.514	0.1294	0.1341
Na5895	589.592 { 5	Y_3710	Cts/S	1.914	0.0157	0.8193	1.925	1.903
Na8183	818.326 { 4	Y_3710	Cts/S	0.0687	0.0002	0.2866	0.0686	0.0689
Ni2316	231.604 {4	In2306	Cts/S	0.1852	0.0049	2.647	0.1817	0.1886
P_1782	178.284 {4	In2306	Cts/S	0.0267	0.0007	2.674	0.0262	0.0272
Pb2203	220.353 {4	In2306	Cts/S	0.0603	0.0015	2.536	0.0592	0.0614
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	7.984	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0216	0.0006	2.753	0.0212	0.0221
Se1960	196.090 {4	Y_2243	Cts/S	0.0162	0.0005	3.154	0.0159	0.0166
Si2516	251.611 {1	Y_3710	Cts/S	0.0041	0.0001	1.727	0.0041	0.0042
Sn1899	189.989 {4	In2306	Cts/S	0.0934	0.0022	2.343	0.0919	0.095
Sr4215	421.552 { 8	Y_3710	Cts/S	1.003	0.0036	0.3622	1.006	1.001
Ti3349	334.904 {1	Y_3600	Cts/S	0.0907	0.0002	0.2039	0.0908	0.0906
Tl1908	190.856 {4	In2306	Cts/S	0.0298	0.0004	1.508	0.0294	0.0301
V_2924	292.402 {1	Y_3600	Cts/S	0.0819	0.0001	0.1298	0.0819	0.0818
Zn2062	206.200 {4	In2306	Cts/S	0.4263	0.0109	2.563	0.4186	0.434

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.342	0.17585	0.31211	56.467	56.218
In2306	230.606 {4	Cts/S	9574.6	266.78	2.7863	9763.2	9385.9
Y_2243	224.306 {4	Cts/S	14039	405.36	2.8874	14325	13752
Y_3600	360.073 { 9	Cts/S	45783	50.912	0.1112	45819	45747
Y_3710	371.030 { 9	Cts/S	8445.8	14.732	0.17442	8435.4	8456.2

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:33:34
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0796	0.0002	0.2032	0.0795	0.0797
Al3082	308.215 {1	In2306	Cts/S	6.374	0.0037	0.0587	6.372	6.377
As1890	189.042 {4	Y_2243	Cts/S	0.0522	0.0005	0.9	0.0525	0.0518
B_2496	249.678 {1	Y_3710	Cts/S	0.0159	0.0001	0.3188	0.0158	0.0159
Ba4554	455.403 { 7	Y_3710	Cts/S	3.575	0.0111	0.3092	3.567	3.582
Be3130	313.042 {1	Y_3710	Cts/S	1.094	0.0029	0.2606	1.092	1.096
Ca3158	315.887 {1	In2306	Cts/S	18.17	0.1191	0.6554	18.25	18.09
Ca3181	318.128 {1	In2306	Cts/S	4.153	0.0662	1.593	4.2	4.107
Cd2288	228.802 {4	Y_2243	Cts/S	0.389	0.0034	0.8786	0.3914	0.3866
Co2286	228.616 {4	In2306	Cts/S	0.7288	0.0075	1.024	0.7341	0.7236
Cr2677	267.716 {1	Y_3600	Cts/S	0.1116	0.0001	0.0558	0.1116	0.1115
Cu3247	324.754 {1	Y_3600	Cts/S	0.2604	0.0015	0.576	0.2593	0.2614
Fe2404	240.488 {1	In2306	Cts/S	10.87	0.0085	0.078	10.88	10.87
K_7664	766.490 { 4	Y_3710	Cts/S	1.256	0.0099	0.785	1.249	1.263
K_7698	769.896 { 4	Y_3710	Cts/S	0.5412	0.0043	0.7949	0.5382	0.5443
Li6707	670.784 { 5	Y_3710	Cts/S	4.569	0.0319	0.6973	4.546	4.591
Mg2790	279.079 {1	Y_3710	Cts/S	0.0282	0.0001	0.2578	0.0281	0.0282
Mn2576	257.610 {1	Y_3600	Cts/S	0.7434	0.0015	0.2071	0.7423	0.7444
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1088	0	0.0324	0.1088	0.1088
Mo2020	202.030 {4	Y_2243	Cts/S	0.2637	0.0028	1.073	0.2657	0.2617
Na5895	589.592 { 5	Y_3710	Cts/S	3.712	0.0303	0.8174	3.691	3.734
Na8183	818.326 { 4	Y_3710	Cts/S	0.1404	0.0014	1.012	0.1394	0.1414
Ni2316	231.604 {4	In2306	Cts/S	0.3744	0.0041	1.097	0.3773	0.3715
P_1782	178.284 {4	In2306	Cts/S	0.055	0.0005	0.9639	0.0553	0.0546
Pb2203	220.353 {4	In2306	Cts/S	0.122	0.0008	0.6516	0.1226	0.1214
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0.0001	16.36	-0.0005	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0439	0.0005	1.028	0.0442	0.0436
Se1960	196.090 {4	Y_2243	Cts/S	0.0328	0.0004	1.143	0.0331	0.0325
Si2516	251.611 {1	Y_3710	Cts/S	0.008	0.0005	6.402	0.0077	0.0084
Sn1899	189.989 {4	In2306	Cts/S	0.1898	0.0018	0.9526	0.1911	0.1885
Sr4215	421.552 { 8	Y_3710	Cts/S	2.002	0.0002	0.009	2.002	2.002
Ti3349	334.904 {1	Y_3600	Cts/S	0.1813	0.0014	0.7756	0.1803	0.1823
Tl1908	190.856 {4	In2306	Cts/S	0.0606	0.0011	1.865	0.0614	0.0598
V_2924	292.402 {1	Y_3600	Cts/S	0.1649	0.0003	0.1903	0.1647	0.1651
Zn2062	206.200 {4	In2306	Cts/S	0.8654	0.008	0.9217	0.8711	0.8598

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.338	0.36873	0.64308	57.078	57.599
In2306	230.606 {4	Cts/S	9290.1	10.102	0.10874	9283	9297.3
Y_2243	224.306 {4	Cts/S	13873	8.8405	0.06373	13866	13879
Y_3600	360.073 { 9	Cts/S	46167	225.24	0.48787	46327	46008
Y_3710	371.030 { 9	Cts/S	8460.8	25.74	0.30423	8479	8442.6

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Custom ID2=
Custom ID3=
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Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1593	0.0004	0.2455	0.159	0.1596
Al3082	308.215 {1	In2306	Cts/S	12.94	0.1325	1.024	12.85	13.04
As1890	189.042 {4	Y_2243	Cts/S	0.1051	0.0002	0.1801	0.1053	0.105
B_2496	249.678 {1	Y_3710	Cts/S	0.032	0	0.0466	0.032	0.032
Ba4554	455.403 { 7	Y_3710	Cts/S	7.175	0.0159	0.2215	7.164	7.186
Be3130	313.042 {1	Y_3710	Cts/S	2.192	0.0009	0.0406	2.191	2.192
Ca3158	315.887 {1	In2306	Cts/S	36.83	0.4648	1.262	36.5	37.16
Ca3181	318.128 {1	In2306	Cts/S	8.342	0.1195	1.432	8.258	8.427
Cd2288	228.802 {4	Y_2243	Cts/S	0.7798	0.0005	0.0627	0.7794	0.7801
Co2286	228.616 {4	In2306	Cts/S	1.47	0.0015	0.0989	1.469	1.471
Cr2677	267.716 {1	Y_3600	Cts/S	0.2211	0.0007	0.336	0.2216	0.2205
Cu3247	324.754 {1	Y_3600	Cts/S	0.5233	0.0012	0.2335	0.5242	0.5225
Fe2404	240.488 {1	In2306	Cts/S	21.81	0.1158	0.5308	21.73	21.9
K_7664	766.490 { 4	Y_3710	Cts/S	2.554	0.0148	0.5783	2.565	2.544
K_7698	769.896 { 4	Y_3710	Cts/S	1.084	0.0065	0.6013	1.088	1.079
Li6707	670.784 { 5	Y_3710	Cts/S	9.392	0.0636	0.6767	9.437	9.347
Mg2790	279.079 {1	Y_3710	Cts/S	0.0564	0.0004	0.7138	0.0567	0.0561
Mn2576	257.610 {1	Y_3600	Cts/S	1.463	0.0011	0.0761	1.464	1.463
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2149	0.0006	0.2877	0.2145	0.2153
Mo2020	202.030 {4	Y_2243	Cts/S	0.5249	0.0014	0.2626	0.5259	0.524
Na5895	589.592 { 5	Y_3710	Cts/S	7.544	0.0468	0.621	7.577	7.511
Na8183	818.326 { 4	Y_3710	Cts/S	0.285	0.0015	0.5304	0.286	0.2839
Ni2316	231.604 {4	In2306	Cts/S	0.7535	0.0002	0.0269	0.7536	0.7534
P_1782	178.284 {4	In2306	Cts/S	0.1132	0	0.0273	0.1132	0.1133
Pb2203	220.353 {4	In2306	Cts/S	0.2446	0.0001	0.0262	0.2445	0.2446
Sb2068	206.833 {4	Y_2243	Cts/S	0.0889	0.0002	0.2421	0.089	0.0887
Se1960	196.090 {4	Y_2243	Cts/S	0.066	0.0002	0.2499	0.0662	0.0659
Si2516	251.611 {1	Y_3710	Cts/S	0.0166	0.0007	4.435	0.0161	0.0172
Sn1899	189.989 {4	In2306	Cts/S	0.382	0.0008	0.2195	0.3814	0.3826
Sr4215	421.552 { 8	Y_3710	Cts/S	4	0.0062	0.1538	3.996	4.005
Ti3349	334.904 {1	Y_3600	Cts/S	0.3636	0.0027	0.7404	0.3655	0.3617
Tl1908	190.856 {4	In2306	Cts/S	0.124	0.0007	0.5293	0.1245	0.1235
V_2924	292.402 {1	Y_3600	Cts/S	0.3282	0.0009	0.2865	0.3288	0.3275
Zn2062	206.200 {4	In2306	Cts/S	1.756	0.0021	0.121	1.754	1.757

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.673	0.63107	1.1335	56.119	55.226
In2306	230.606 {4	Cts/S	8972.2	0.8652	0.00964	8971.6	8972.8
Y_2243	224.306 {4	Cts/S	13692	12.392	0.09051	13683	13700
Y_3600	360.073 { 9	Cts/S	46405	226.8	0.48874	46245	46565
Y_3710	371.030 { 9	Cts/S	8342.3	9.535	0.1143	8335.5	8349

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2431	0.0014	0.5782	0.2441	0.2421
Al3082	308.215 {1	In2306	ppm	2.549	0.1437	5.637	2.447	2.651
As1890	189.042 {4	Y_2243	ppm	0.4903	0.0009	0.1918	0.4896	0.491
B_2496	249.678 {1	Y_3710	ppm	0.4803	0.0156	3.25	0.4693	0.4914
Ba4554	455.403 { 7	Y_3710	ppm	0.4893	0.0125	2.545	0.4805	0.4981
Be3130	313.042 {1	Y_3710	ppm	0.4995	0.0159	3.185	0.4882	0.5107
Ca3158	315.887 {1	In2306	ppm	12.53	0.5626	4.491	12.13	12.93
Ca3181	318.128 {1	In2306	ppm	12.42	0.5117	4.121	12.05	12.78
Cd2288	228.802 {4	Y_2243	ppm	0.4909	0.0007	0.1329	0.4905	0.4914
Co2286	228.616 {4	In2306	ppm	0.4908	0.0021	0.4192	0.4893	0.4922
Cr2677	267.716 {1	Y_3600	ppm	0.4855	0.0012	0.2535	0.4847	0.4864
Cu3247	324.754 {1	Y_3600	ppm	0.4803	0.0006	0.1272	0.4799	0.4807
Fe2404	240.488 {1	In2306	ppm	2.506	0.1248	4.981	2.418	2.594
K_7664	766.490 { 4	Y_3710	ppm	12.45	0.0394	0.3167	12.42	12.48
K_7698	769.896 { 4	Y_3710	ppm	12.55	0.0785	0.6258	12.49	12.6
Li6707	670.784 { 5	Y_3710	ppm	0.4957	0.001	0.1963	0.4951	0.4964
Mg2790	279.079 {1	Y_3710	ppm	4.957	0.1369	2.762	4.86	5.053
Mn2576	257.610 {1	Y_3600	ppm	0.4819	0.0012	0.2444	0.4827	0.481
Mn2576-2	257.610 {1	Y_3710	ppm	0.4872	0.0182	3.744	0.4743	0.5001
Mo2020	202.030 {4	Y_2243	ppm	0.5043	0.0016	0.3185	0.5031	0.5054
Na5895	589.592 { 5	Y_3710	ppm	12.4	0.0484	0.3906	12.37	12.43
Na8183	818.326 { 4	Y_3710	ppm	12.34	0.2082	1.686	12.2	12.49
Ni2316	231.604 {4	In2306	ppm	0.4867	0.0014	0.2831	0.4857	0.4876
P_1782	178.284 {4	In2306	ppm	0.0005	0.0013	256.6	-0.0004	0.0014
Pb2203	220.353 {4	In2306	ppm	0.4844	0.0035	0.7231	0.4819	0.4869
S_1820	182.034 {4	Y_2243	ppm	-20.93	0.1139	0.5442	-21.01	-20.85
Sb2068	206.833 {4	Y_2243	ppm	0.4945	0.0005	0.0918	0.4949	0.4942
Se1960	196.090 {4	Y_2243	ppm	0.4995	0.0001	0.0146	0.4995	0.4996
Si2516	251.611 {1	Y_3710	ppm	0.8612	0.0364	4.224	0.8355	0.8869
Sn1899	189.989 {4	In2306	ppm	0.499	0.002	0.3935	0.4976	0.5004
Sr4215	421.552 { 8	Y_3710	ppm	0.2514	0.0083	3.294	0.2455	0.2572
Ti3349	334.904 {1	Y_3600	ppm	0.4937	0.001	0.2074	0.4944	0.493
Tl1908	190.856 {4	In2306	ppm	0.5058	0.0028	0.5553	0.5078	0.5038
V_2924	292.402 {1	Y_3600	ppm	0.4903	0.0049	1.001	0.4938	0.4869
Zn2062	206.200 {4	In2306	ppm	0.4863	0.0016	0.3207	0.4852	0.4874

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.416	1.4804	2.6714	56.463	54.37
In2306	230.606 {4	Cts/S	9379.1	2.1492	0.02292	9377.6	9380.6
Y_2243	224.306 {4	Cts/S	13830	5.7893	0.04186	13826	13834
Y_3600	360.073 { 9	Cts/S	46296	276.04	0.59624	46492	46101
Y_3710	371.030 { 9	Cts/S	8364.7	191.81	2.2931	8500.3	8229

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.005	0.0004	8.54	0.0053	0.0047
Al3082	308.215 {1	In2306	ppm	0.0957	0.0254	26.57	0.0777	0.1136
As1890	189.042 {4	Y_2243	ppm	0.0103	0.0003	3.264	0.0101	0.0105
B_2496	249.678 {1	Y_3710	ppm	0.0025	0.004	162.8	-0.0004	0.0053
Ba4554	455.403 { 7	Y_3710	ppm	0.0099	0.0003	2.708	0.0101	0.0097
Be3130	313.042 {1	Y_3710	ppm	0.005	0.0001	1.65	0.0051	0.005
Ca3158	315.887 {1	In2306	ppm	0.0897	0.0001	0.0574	0.0897	0.0897
Ca3181	318.128 {1	In2306	ppm	0.1318	0.0821	62.25	0.1899	0.0738
Cd2288	228.802 {4	Y_2243	ppm	0.0061	0.0015	24.77	0.005	0.0071
Co2286	228.616 {4	In2306	ppm	0.011	0.0016	14.89	0.0098	0.0122
Cr2677	267.716 {1	Y_3600	ppm	0.0102	0.0008	7.374	0.0097	0.0107
Cu3247	324.754 {1	Y_3600	ppm	0.0092	0.0003	3.173	0.0094	0.009
Fe2404	240.488 {1	In2306	ppm	0.0815	0.01	12.31	0.0744	0.0886
K_7664	766.490 { 4	Y_3710	ppm	0.5845	0.0014	0.2338	0.5855	0.5836
K_7698	769.896 { 4	Y_3710	ppm	0.3919	0.0097	2.482	0.3988	0.385
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0.0003	2.711	0.0098	0.0095
Mg2790	279.079 {1	Y_3710	ppm	0.1175	0.0483	41.11	0.0833	0.1517
Mn2576	257.610 {1	Y_3600	ppm	0.0098	0.0001	0.6311	0.0098	0.0098
Mn2576-2	257.610 {1	Y_3710	ppm	0.01	0.0001	1.081	0.0101	0.0099
Mo2020	202.030 {4	Y_2243	ppm	0.0128	0.0023	17.61	0.0112	0.0144
Na5895	589.592 { 5	Y_3710	ppm	0.6134	0.006	0.9782	0.6092	0.6177
Na8183	818.326 { 4	Y_3710	ppm	0.6151	0.0742	12.06	0.5626	0.6675
Ni2316	231.604 {4	In2306	ppm	0.0108	0.0017	15.57	0.0096	0.012
P_1782	178.284 {4	In2306	ppm	0.0101	0.0003	3.068	0.0099	0.0104
Pb2203	220.353 {4	In2306	ppm	0.0108	0.0012	10.75	0.01	0.0116
S_1820	182.034 {4	Y_2243	ppm	0.4613	0.069	14.96	0.5102	0.4125
Sb2068	206.833 {4	Y_2243	ppm	0.0148	0.0026	17.37	0.013	0.0166
Se1960	196.090 {4	Y_2243	ppm	0.0109	0.0018	16.97	0.0096	0.0122
Si2516	251.611 {1	Y_3710	ppm	-0.0242	0.0121	50.01	-0.0156	-0.0327
Sn1899	189.989 {4	In2306	ppm	0.0114	0.0021	18.23	0.0099	0.0129
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	1.452	0.0047	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0101	0.0005	4.585	0.0104	0.0098
Tl1908	190.856 {4	In2306	ppm	0.0161	0.0035	21.77	0.0136	0.0186
V_2924	292.402 {1	Y_3600	ppm	0.0108	0.0004	3.812	0.0105	0.0111
Zn2062	206.200 {4	In2306	ppm	0.0095	0.0016	16.58	0.0084	0.0106

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.348	0.09447	0.16765	56.281	56.415
In2306	230.606 {4	Cts/S	9965.3	32.032	0.32143	9987.9	9942.6
Y_2243	224.306 {4	Cts/S	14109	49.414	0.35023	14144	14074
Y_3600	360.073 { 9	Cts/S	45593	88.21	0.19347	45530	45655
Y_3710	371.030 { 9	Cts/S	8647.4	37.008	0.42797	8621.3	8673.6

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0004	185.8	-0.0005	0.0001
Al3082	308.215 {1	In2306	ppm	-0.003	0.0329	1098	-0.0262	0.0203
As1890	189.042 {4	Y_2243	ppm	-0.0015	0.0006	39.53	-0.0011	-0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0012	0.0026	209.9	0.0031	-0.0006
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0	13.73	0.0002	0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	60.88	0.0003	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0042	0.0122	294.7	0.0045	-0.0128
Ca3181	318.128 {1	In2306	ppm	0.0046	0.0382	833.3	-0.0224	0.0316
Cd2288	228.802 {4	Y_2243	ppm	0	0	8.273	0	0
Co2286	228.616 {4	In2306	ppm	0	0.0001	378.3	-0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0	9.135	-0.0004	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0004	0	6.74	-0.0004	-0.0005
Fe2404	240.488 {1	In2306	ppm	-0.0188	0.0081	42.84	-0.0131	-0.0245
K_7664	766.490 { 4	Y_3710	ppm	-0.0014	0.0063	445.2	0.003	-0.0059
K_7698	769.896 { 4	Y_3710	ppm	-0.1218	0.0201	16.53	-0.1076	-0.136
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0001	204.3	0	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0049	0.018	371.1	0.0079	-0.0176
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	259.2	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0017	0.0004	20.69	0.0014	0.0019
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	17.84	0.0003	0.0004
Na5895	589.592 { 5	Y_3710	ppm	-0.007	0.001	14.98	-0.0077	-0.0062
Na8183	818.326 { 4	Y_3710	ppm	-0.0751	0.0291	38.71	-0.0956	-0.0545
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	298.9	-0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0004	0.0006	154.4	0	-0.0009
Pb2203	220.353 {4	In2306	ppm	0.0004	0.0001	17.83	0.0004	0.0003
S_1820	182.034 {4	Y_2243	ppm	0.4242	0.0086	2.027	0.4303	0.4181
Sb2068	206.833 {4	Y_2243	ppm	-0.0009	0.0006	69.72	-0.0005	-0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0018	0.0004	20.22	0.0015	0.002
Si2516	251.611 {1	Y_3710	ppm	-0.0347	0.0053	15.31	-0.0309	-0.0385
Sn1899	189.989 {4	In2306	ppm	0.0001	0	9.798	0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	235.9	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0007	739.2	-0.0004	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0029	0.0005	17.36	0.0025	0.0032
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0001	76.34	0.0001	0.0002
Zn2062	206.200 {4	In2306	ppm	-0.0007	0	0.7283	-0.0007	-0.0007

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.482	0.00569	0.01008	56.486	56.478
In2306	230.606 {4	Cts/S	9961.4	25.227	0.25324	9979.2	9943.6
Y_2243	224.306 {4	Cts/S	14021	43.734	0.31192	14052	13990
Y_3600	360.073 { 9	Cts/S	45170	222.98	0.49365	45012	45327
Y_3710	371.030 { 9	Cts/S	8542.3	2.0032	0.02345	8540.9	8543.8

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:46:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0007	110.9	-0.0011	-0.0001
Al3082	308.215 {1	In2306	ppm	540.3	10.49	1.941	532.9	547.7
As1890	189.042 {4	Y_2243	ppm	0.0021	0.0002	11.53	0.0019	0.0023
B_2496	249.678 {1	Y_3710	ppm	-0.0021	0.0052	252.7	-0.0057	0.0016
Ba4554	455.403 { 7	Y_3710	ppm	0.0008	0	2.375	0.0009	0.0008
Be3130	313.042 {1	Y_3710	ppm	0.0003	0	2.099	0.0003	0.0003
Ca3158	315.887 {1	In2306	ppm	528.5	0.3319	0.0628	528.3	528.7
Ca3181	318.128 {1	In2306	ppm	534.9	0.5545	0.1036	534.6	535.3
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	571.3	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	34.86	0.0002	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0023	0.0002	8.268	0.0025	0.0022
Cu3247	324.754 {1	Y_3600	ppm	0.0028	0.0004	13.28	0.0031	0.0025
Fe2404	240.488 {1	In2306	ppm	207	0.9304	0.4495	206.4	207.7
K_7664	766.490 { 4	Y_3710	ppm	0.025	0.0037	14.83	0.0276	0.0224
K_7698	769.896 { 4	Y_3710	ppm	-0.2219	0.0245	11.05	-0.2393	-0.2046
Li6707	670.784 { 5	Y_3710	ppm	0.007	0.0003	4.245	0.0068	0.0072
Mg2790	279.079 {1	Y_3710	ppm	583.8	2.23	0.3819	585.4	582.2
Mn2576	257.610 {1	Y_3600	ppm	-0.0055	0	0.1399	-0.0055	-0.0055
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0054	0.0004	7.737	-0.0051	-0.0057
Mo2020	202.030 {4	Y_2243	ppm	-0.0008	0	5.65	-0.0008	-0.0009
Na5895	589.592 { 5	Y_3710	ppm	0.0276	0.0056	20.15	0.0236	0.0315
Na8183	818.326 { 4	Y_3710	ppm	0.6551	0.0156	2.381	0.6441	0.6661
Ni2316	231.604 {4	In2306	ppm	0.0064	0.0001	1.151	0.0064	0.0065
P_1782	178.284 {4	In2306	ppm	0.0047	0.0015	32.24	0.0058	0.0036
Pb2203	220.353 {4	In2306	ppm	-0.0086	0.0041	48.19	-0.0057	-0.0115
S_1820	182.034 {4	Y_2243	ppm	4.458	0.1363	3.059	4.554	4.361
Sb2068	206.833 {4	Y_2243	ppm	-0.0121	0.0002	1.538	-0.0123	-0.012
Se1960	196.090 {4	Y_2243	ppm	0.0066	0.0016	24.55	0.0077	0.0054
Si2516	251.611 {1	Y_3710	ppm	-0.0154	0.0125	81.17	-0.0242	-0.0065
Sn1899	189.989 {4	In2306	ppm	0.0015	0.0004	29.22	0.0018	0.0012
Sr4215	421.552 { 8	Y_3710	ppm	0.0023	0.0002	7.96	0.0024	0.0022
Ti3349	334.904 {1	Y_3600	ppm	0.0012	0.0008	65.83	0.0017	0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0068	0.0018	27.16	-0.0081	-0.0055
V_2924	292.402 {1	Y_3600	ppm	-0.0052	0	0.0975	-0.0052	-0.0052
Zn2062	206.200 {4	In2306	ppm	0.0028	0.0002	5.604	0.0029	0.0027

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.972	0.71628	1.4334	50.478	49.465
In2306	230.606 {4	Cts/S	7107.1	57.882	0.81442	7066.1	7148
Y_2243	224.306 {4	Cts/S	12201	99.915	0.81888	12131	12272
Y_3600	360.073 { 9	Cts/S	45044	147.62	0.32772	44940	45149
Y_3710	371.030 { 9	Cts/S	7396.6	62.506	0.84506	7440.8	7352.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:48:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5525	0.0046	0.8325	0.5557	0.5492
Al3082	308.215 {1	In2306	ppm	556.1	2.876	0.5172	554	558.1
As1890	189.042 {4	Y_2243	ppm	1.011	0.0004	0.0439	1.011	1.011
B_2496	249.678 {1	Y_3710	ppm	1.104	0.0021	0.1894	1.105	1.102
Ba4554	455.403 { 7	Y_3710	ppm	1.075	0.0029	0.266	1.077	1.073
Be3130	313.042 {1	Y_3710	ppm	0.5282	0.0022	0.4093	0.5267	0.5297
Ca3158	315.887 {1	In2306	ppm	532.5	6.335	1.19	528	537
Ca3181	318.128 {1	In2306	ppm	539.5	6.891	1.277	534.6	544.3
Cd2288	228.802 {4	Y_2243	ppm	0.516	0	0.0024	0.516	0.516
Co2286	228.616 {4	In2306	ppm	1.001	0.0002	0.0151	1.001	1.001
Cr2677	267.716 {1	Y_3600	ppm	0.9661	0.0039	0.4042	0.9689	0.9634
Cu3247	324.754 {1	Y_3600	ppm	1.163	0.0085	0.7274	1.169	1.157
Fe2404	240.488 {1	In2306	ppm	213.7	2.224	1.041	212.2	215.3
K_7664	766.490 { 4	Y_3710	ppm	10.98	0.0689	0.6274	11.02	10.93
K_7698	769.896 { 4	Y_3710	ppm	11.06	0.0816	0.7381	11.12	11
Li6707	670.784 { 5	Y_3710	ppm	1.082	0.0117	1.077	1.091	1.074
Mg2790	279.079 {1	Y_3710	ppm	594.2	5.427	0.9133	590.4	598.1
Mn2576	257.610 {1	Y_3600	ppm	0.9645	0.0018	0.1857	0.9658	0.9633
Mn2576-2	257.610 {1	Y_3710	ppm	1.035	0.0028	0.268	1.033	1.037
Mo2020	202.030 {4	Y_2243	ppm	0.921	0.0001	0.0083	0.9209	0.921
Na5895	589.592 { 5	Y_3710	ppm	10.71	0.0913	0.8525	10.77	10.64
Na8183	818.326 { 4	Y_3710	ppm	11.78	0.1887	1.603	11.91	11.64
Ni2316	231.604 {4	In2306	ppm	0.9913	0.0015	0.1553	0.9902	0.9924
P_1782	178.284 {4	In2306	ppm	1.139	0.0022	0.1921	1.141	1.138
Pb2203	220.353 {4	In2306	ppm	0.954	0.0001	0.0083	0.9539	0.954
S_1820	182.034 {4	Y_2243	ppm	4.511	0.0375	0.8322	4.484	4.537
Sb2068	206.833 {4	Y_2243	ppm	0.9793	0.003	0.3106	0.9771	0.9814
Se1960	196.090 {4	Y_2243	ppm	1.004	0.0039	0.3847	1.001	1.007
Si2516	251.611 {1	Y_3710	ppm	1.02	0.019	1.863	1.007	1.034
Sn1899	189.989 {4	In2306	ppm	0.9947	0.002	0.1964	0.9933	0.9961
Sr4215	421.552 { 8	Y_3710	ppm	0.5362	0.0011	0.2028	0.537	0.5354
Ti3349	334.904 {1	Y_3600	ppm	1.006	0.004	0.3949	1.009	1.003
Tl1908	190.856 {4	In2306	ppm	0.9377	0.0052	0.5591	0.9414	0.934
V_2924	292.402 {1	Y_3600	ppm	0.9794	0.0047	0.4791	0.9827	0.9761
Zn2062	206.200 {4	In2306	ppm	1.014	0.0036	0.3519	1.012	1.017

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.436	0.32341	0.65419	49.665	49.207
In2306	230.606 {4	Cts/S	7059.2	11.041	0.15641	7051.4	7067
Y_2243	224.306 {4	Cts/S	12181	33.445	0.27456	12158	12205
Y_3600	360.073 { 9	Cts/S	45188	331.08	0.73268	44954	45422
Y_3710	371.030 { 9	Cts/S	7251.3	9.2621	0.12773	7257.8	7244.7

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2422	0.0017	0.7216	0.241	0.2434
Al3082	308.215 {1	In2306	ppm	2.461	0.0672	2.731	2.413	2.508
As1890	189.042 {4	Y_2243	ppm	0.4956	0.0021	0.4256	0.4941	0.4971
B_2496	249.678 {1	Y_3710	ppm	0.4771	0.0081	1.703	0.4829	0.4714
Ba4554	455.403 { 7	Y_3710	ppm	0.4815	0.0005	0.109	0.4819	0.4811
Be3130	313.042 {1	Y_3710	ppm	0.4897	0.0019	0.3959	0.4911	0.4883
Ca3158	315.887 {1	In2306	ppm	12.31	0.2948	2.395	12.1	12.52
Ca3181	318.128 {1	In2306	ppm	12.32	0.1822	1.479	12.19	12.45
Cd2288	228.802 {4	Y_2243	ppm	0.4901	0.0004	0.0731	0.4898	0.4904
Co2286	228.616 {4	In2306	ppm	0.4925	0.0009	0.1886	0.4918	0.4931
Cr2677	267.716 {1	Y_3600	ppm	0.4796	0.0029	0.6128	0.4817	0.4775
Cu3247	324.754 {1	Y_3600	ppm	0.4804	0.001	0.1988	0.4797	0.4811
Fe2404	240.488 {1	In2306	ppm	2.426	0.0559	2.305	2.387	2.466
K_7664	766.490 { 4	Y_3710	ppm	12.5	0.2118	1.695	12.65	12.35
K_7698	769.896 { 4	Y_3710	ppm	12.55	0.219	1.746	12.7	12.39
Li6707	670.784 { 5	Y_3710	ppm	0.4976	0.0081	1.624	0.5033	0.4919
Mg2790	279.079 {1	Y_3710	ppm	4.826	0.0551	1.142	4.787	4.865
Mn2576	257.610 {1	Y_3600	ppm	0.4803	0.0017	0.354	0.4816	0.4791
Mn2576-2	257.610 {1	Y_3710	ppm	0.4765	0.0027	0.5583	0.4784	0.4746
Mo2020	202.030 {4	Y_2243	ppm	0.505	0.0016	0.3189	0.5038	0.5061
Na5895	589.592 { 5	Y_3710	ppm	12.42	0.1964	1.582	12.55	12.28
Na8183	818.326 { 4	Y_3710	ppm	12.36	0.1212	0.9806	12.44	12.27
Ni2316	231.604 {4	In2306	ppm	0.4903	0.0003	0.0525	0.4901	0.4905
P_1782	178.284 {4	In2306	ppm	0.0009	0.0019	220.3	-0.0005	0.0022
Pb2203	220.353 {4	In2306	ppm	0.4882	0.0023	0.4759	0.4865	0.4898
S_1820	182.034 {4	Y_2243	ppm	-21.25	0.0796	0.3746	-21.3	-21.19
Sb2068	206.833 {4	Y_2243	ppm	0.5034	0.0007	0.1373	0.5029	0.5039
Se1960	196.090 {4	Y_2243	ppm	0.5049	0.0019	0.3789	0.5035	0.5063
Si2516	251.611 {1	Y_3710	ppm	0.8077	0.0252	3.115	0.7899	0.8255
Sn1899	189.989 {4	In2306	ppm	0.4999	0.0012	0.2371	0.499	0.5007
Sr4215	421.552 { 8	Y_3710	ppm	0.2474	0.0007	0.2916	0.2479	0.2469
Ti3349	334.904 {1	Y_3600	ppm	0.4831	0.0032	0.6546	0.4854	0.4809
Tl1908	190.856 {4	In2306	ppm	0.498	0.0043	0.8555	0.501	0.495
V_2924	292.402 {1	Y_3600	ppm	0.4859	0.0013	0.26	0.4868	0.485
Zn2062	206.200 {4	In2306	ppm	0.4873	0.0001	0.0166	0.4872	0.4874

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.438	1.0571	1.9068	56.186	54.691
In2306	230.606 {4	Cts/S	9330.1	60.089	0.64403	9372.6	9287.6
Y_2243	224.306 {4	Cts/S	13763	92.467	0.67184	13829	13698
Y_3600	360.073 { 9	Cts/S	46760	114.03	0.24386	46680	46841
Y_3710	371.030 { 9	Cts/S	8368.8	42.761	0.51096	8338.5	8399

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:53:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0053	0.001	17.94	0.006	0.0046
Al3082	308.215 {1	In2306	ppm	0.0802	0.0204	25.47	0.0658	0.0946
As1890	189.042 {4	Y_2243	ppm	0.0095	0.0019	19.53	0.0082	0.0108
B_2496	249.678 {1	Y_3710	ppm	0.0135	0.0008	6.1	0.0141	0.013
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0002	1.875	0.01	0.0097
Be3130	313.042 {1	Y_3710	ppm	0.005	0	0.8048	0.0051	0.005
Ca3158	315.887 {1	In2306	ppm	0.0945	0.0027	2.845	0.0926	0.0964
Ca3181	318.128 {1	In2306	ppm	0.2219	0.0375	16.9	0.2484	0.1953
Cd2288	228.802 {4	Y_2243	ppm	0.0059	0.0013	21.69	0.005	0.0068
Co2286	228.616 {4	In2306	ppm	0.0109	0.0014	13.1	0.0098	0.0119
Cr2677	267.716 {1	Y_3600	ppm	0.0096	0.0002	1.941	0.0094	0.0097
Cu3247	324.754 {1	Y_3600	ppm	0.0096	0.0001	0.715	0.0096	0.0095
Fe2404	240.488 {1	In2306	ppm	0.0918	0.0088	9.597	0.0856	0.0981
K_7664	766.490 { 4	Y_3710	ppm	0.5796	0.0233	4.015	0.5632	0.5961
K_7698	769.896 { 4	Y_3710	ppm	0.3688	0.0002	0.0469	0.3686	0.3689
Li6707	670.784 { 5	Y_3710	ppm	0.0089	0.0002	2.358	0.0088	0.009
Mg2790	279.079 {1	Y_3710	ppm	0.0839	0.0272	32.39	0.1031	0.0647
Mn2576	257.610 {1	Y_3600	ppm	0.0099	0.0001	0.6489	0.0098	0.0099
Mn2576-2	257.610 {1	Y_3710	ppm	0.0116	0.0005	4.424	0.012	0.0113
Mo2020	202.030 {4	Y_2243	ppm	0.0126	0.002	15.61	0.0112	0.0139
Na5895	589.592 { 5	Y_3710	ppm	0.6144	0.02	3.257	0.6002	0.6285
Na8183	818.326 { 4	Y_3710	ppm	0.5784	0.0947	16.38	0.6454	0.5114
Ni2316	231.604 {4	In2306	ppm	0.0108	0.0011	9.752	0.01	0.0115
P_1782	178.284 {4	In2306	ppm	0.0093	0.0014	15.21	0.0083	0.0103
Pb2203	220.353 {4	In2306	ppm	0.0105	0.0003	2.861	0.0103	0.0107
S_1820	182.034 {4	Y_2243	ppm	0.4872	0.0717	14.71	0.4366	0.5379
Sb2068	206.833 {4	Y_2243	ppm	0.0168	0.002	12.16	0.0153	0.0182
Se1960	196.090 {4	Y_2243	ppm	0.0116	0.0027	23.8	0.0096	0.0135
Si2516	251.611 {1	Y_3710	ppm	-0.0259	0.0094	36.42	-0.0192	-0.0326
Sn1899	189.989 {4	In2306	ppm	0.0112	0.0019	17.18	0.0098	0.0125
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0	0.3307	0.0049	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0094	0.0001	0.9967	0.0094	0.0093
Tl1908	190.856 {4	In2306	ppm	0.016	0.0034	21.44	0.0135	0.0184
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0008	8.102	0.0092	0.0103
Zn2062	206.200 {4	In2306	ppm	0.0094	0.0013	14.16	0.0085	0.0104

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.46	0.24085	0.43428	55.631	55.29
In2306	230.606 {4	Cts/S	9912.9	47.692	0.48111	9946.6	9879.1
Y_2243	224.306 {4	Cts/S	14011	48.784	0.34818	14045	13977
Y_3600	360.073 { 9	Cts/S	45487	174.75	0.38416	45611	45364
Y_3710	371.030 { 9	Cts/S	8524.4	48.461	0.5685	8558.7	8490.1

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 9:56:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0007	302.4	0.0002	-0.0007
Al3082	308.215 {1	In2306	ppm	-0.0003	0.0367	12630	0.0256	-0.0262
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.001	86.75	-0.0004	-0.0018
B_2496	249.678 {1	Y_3710	ppm	-0.006	0.001	15.8	-0.0067	-0.0054
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	48.79	0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0002	55.8	0.0004	0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0231	0.01	43.3	-0.016	-0.0302
Ca3181	318.128 {1	In2306	ppm	-0.0329	0.0348	105.6	-0.0575	-0.0083
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	575.5	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	23.93	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0004	395	0.0002	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0006	0.0003	49.04	0.0008	0.0004
Fe2404	240.488 {1	In2306	ppm	0.0001	0.001	948.3	0.0008	-0.0006
K_7664	766.490 { 4	Y_3710	ppm	-0.0002	0.0008	372.9	0.0003	-0.0008
K_7698	769.896 { 4	Y_3710	ppm	-0.1546	0.0212	13.71	-0.1696	-0.1396
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0003	80.05	-0.0005	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0217	0.0396	182.6	0.0497	-0.0063
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0.0001	102.7	-0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0019	0.0008	43.8	0.0024	0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0001	16.97	0.0003	0.0004
Na5895	589.592 { 5	Y_3710	ppm	-0.004	0.0009	21.84	-0.0034	-0.0046
Na8183	818.326 { 4	Y_3710	ppm	0.0884	0.0199	22.53	0.1025	0.0743
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	155.6	0	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0012	0.0008	65.04	-0.0007	-0.0018
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0012	414.9	-0.0006	0.0012
S_1820	182.034 {4	Y_2243	ppm	0.433	0.0287	6.627	0.4127	0.4532
Sb2068	206.833 {4	Y_2243	ppm	-0.0001	0.0001	89.27	-0.0002	0
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0013	167	-0.0001	0.0017
Si2516	251.611 {1	Y_3710	ppm	-0.0118	0.0025	21.03	-0.0101	-0.0136
Sn1899	189.989 {4	In2306	ppm	0	0.0002	369.6	-0.0001	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	26.87	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0004	67.24	-0.0003	-0.0009
Tl1908	190.856 {4	In2306	ppm	0.0029	0.0004	14.84	0.0026	0.0032
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0002	46.54	0.0003	0.0007
Zn2062	206.200 {4	In2306	ppm	-0.0009	0.0001	14.38	-0.0009	-0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.451	1.2654	2.3239	55.346	53.556
In2306	230.606 {4	Cts/S	9787	178.14	1.8201	9912.9	9661
Y_2243	224.306 {4	Cts/S	13740	229.37	1.6694	13902	13578
Y_3600	360.073 { 9	Cts/S	45063	99.487	0.22078	44992	45133
Y_3710	371.030 { 9	Cts/S	8434	54.819	0.64998	8395.3	8472.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	401.2	0.0001	-0.0002
Al3082	308.215 {1	In2306	ppm	-0.0177	0.0387	218	-0.0451	0.0096
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0006	91.73	0.0011	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0028	0.0115	410.2	0.011	-0.0053
Ba4554	455.403 { 7	Y_3710	ppm	0	0	93.53	0	0
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	5.797	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0298	0.0062	20.98	-0.0342	-0.0253
Ca3181	318.128 {1	In2306	ppm	-0.0083	0.0951	1144	-0.0756	0.0589
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	32.62	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	15.96	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0002	81.73	-0.0004	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0004	0.0009	211.5	-0.0002	0.001
Fe2404	240.488 {1	In2306	ppm	-0.0112	0.0106	95	-0.0037	-0.0187
K_7664	766.490 { 4	Y_3710	ppm	0.007	0.0059	84.06	0.0028	0.0112
K_7698	769.896 { 4	Y_3710	ppm	-0.2333	0.013	5.567	-0.2241	-0.2425
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0001	35.08	0.0002	0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0142	0.1286	908.4	-0.0768	0.1051
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	243.5	-0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0002	25.59	0.0008	0.0006
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0	38.01	-0.0002	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	-0.0032	0.0008	24.76	-0.0038	-0.0027
Na8183	818.326 { 4	Y_3710	ppm	0.0467	0.096	205.5	0.1145	-0.0212
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0002	123.7	0	-0.0004
P_1782	178.284 {4	In2306	ppm	-0.0001	0.0005	424.2	0.0002	-0.0005
Pb2203	220.353 {4	In2306	ppm	0	0.0008	2235	-0.0006	0.0005
S_1820	182.034 {4	Y_2243	ppm	0.2192	0.0512	23.34	0.183	0.2554
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0002	20.41	0.0011	0.0008
Se1960	196.090 {4	Y_2243	ppm	0.0014	0.0003	23.49	0.0012	0.0016
Si2516	251.611 {1	Y_3710	ppm	-0.0302	0.0057	18.82	-0.0342	-0.0261
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0001	14.01	-0.0004	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0	0	39.44	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0002	86.14	-0.0004	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0017	0.001	58.51	0.0024	0.001
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0003	86.15	0.0005	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0003	0	12.69	0.0003	0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.801	0.46782	0.85366	55.132	54.47
In2306	230.606 {4	Cts/S	9869	1.8889	0.01914	9870.4	9867.7
Y_2243	224.306 {4	Cts/S	13855	14.846	0.10715	13845	13866
Y_3600	360.073 { 9	Cts/S	47127	1577.5	3.3474	48243	46012
Y_3710	371.030 { 9	Cts/S	8560.6	4.0924	0.0478	8557.7	8563.5

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Custom ID3=
Run Time=1/26/2012 10:13:27
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4816	0.0032	0.6615	0.4838	0.4793
Al3082	308.215 {1	In2306	ppm	10.06	0.0498	0.4955	10.09	10.02
As1890	189.042 {4	Y_2243	ppm	0.98	0.0108	1.1	0.9876	0.9723
B_2496	249.678 {1	Y_3710	ppm	0.9429	0.0049	0.5159	0.9463	0.9394
Ba4554	455.403 { 7	Y_3710	ppm	0.9803	0.0017	0.1696	0.9815	0.9791
Be3130	313.042 {1	Y_3710	ppm	0.4825	0.0008	0.1605	0.482	0.4831
Ca3158	315.887 {1	In2306	ppm	9.905	0.0958	0.9673	9.972	9.837
Ca3181	318.128 {1	In2306	ppm	9.828	0.1465	1.491	9.932	9.725
Cd2288	228.802 {4	Y_2243	ppm	0.4838	0.007	1.441	0.4887	0.4789
Co2286	228.616 {4	In2306	ppm	0.9588	0.0137	1.43	0.9685	0.9492
Cr2677	267.716 {1	Y_3600	ppm	0.9353	0.0018	0.1948	0.9366	0.934
Cu3247	324.754 {1	Y_3600	ppm	0.9554	0.0041	0.4276	0.9583	0.9525
Fe2404	240.488 {1	In2306	ppm	9.861	0.1645	1.668	9.978	9.745
K_7664	766.490 { 4	Y_3710	ppm	10.49	0.1512	1.441	10.39	10.6
K_7698	769.896 { 4	Y_3710	ppm	10.54	0.1357	1.288	10.44	10.63
Li6707	670.784 { 5	Y_3710	ppm	0.5327	0.0082	1.545	0.5269	0.5385
Mg2790	279.079 {1	Y_3710	ppm	9.378	0.0566	0.6032	9.418	9.338
Mn2576	257.610 {1	Y_3600	ppm	0.9329	0.0056	0.6054	0.9369	0.9289
Mn2576-2	257.610 {1	Y_3710	ppm	0.9397	0.0045	0.4815	0.9429	0.9365
Mo2020	202.030 {4	Y_2243	ppm	0.9936	0.0154	1.55	1.005	0.9827
Na5895	589.592 { 5	Y_3710	ppm	10.53	0.1583	1.504	10.42	10.64
Na8183	818.326 { 4	Y_3710	ppm	10.09	0.0348	0.3445	10.07	10.12
Ni2316	231.604 {4	In2306	ppm	0.9611	0.0122	1.273	0.9698	0.9525
P_1782	178.284 {4	In2306	ppm	0.0008	0.0005	64.72	0.0012	0.0004
Pb2203	220.353 {4	In2306	ppm	0.9625	0.013	1.352	0.9717	0.9533
S_1820	182.034 {4	Y_2243	ppm	0.2317	0.059	25.47	0.19	0.2735
Sb2068	206.833 {4	Y_2243	ppm	0.9628	0.0207	2.149	0.9774	0.9482
Se1960	196.090 {4	Y_2243	ppm	1.007	0.0101	1.001	1.014	0.9995
Si2516	251.611 {1	Y_3710	ppm	0.8499	0.0255	2.995	0.8319	0.8679
Sn1899	189.989 {4	In2306	ppm	0.9517	0.0151	1.586	0.9623	0.941
Sr4215	421.552 { 8	Y_3710	ppm	0.4965	0.0004	0.0715	0.4967	0.4962
Ti3349	334.904 {1	Y_3600	ppm	0.9295	0.001	0.1073	0.9302	0.9288
Tl1908	190.856 {4	In2306	ppm	0.9331	0.0317	3.397	0.9555	0.9107
V_2924	292.402 {1	Y_3600	ppm	0.9338	0.0104	1.11	0.9411	0.9265
Zn2062	206.200 {4	In2306	ppm	0.9376	0.0127	1.353	0.9465	0.9286

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.443	0.16372	0.30635	53.327	53.559
In2306	230.606 {4	Cts/S	9208.5	7.6768	0.08337	9203.1	9214
Y_2243	224.306 {4	Cts/S	13513	3.9061	0.02891	13510	13515
Y_3600	360.073 { 9	Cts/S	47299	180.2	0.38099	47172	47427
Y_3710	371.030 { 9	Cts/S	8329.5	1.5783	0.01895	8328.4	8330.6

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0009	272.5	0.0003	-0.001
Al3082	308.215 {1	In2306	ppm	0.2554	0.0197	7.726	0.2415	0.2694
As1890	189.042 {4	Y_2243	ppm	0.0842	0.0122	14.46	0.0756	0.0928
B_2496	249.678 {1	Y_3710	ppm	1.023	0.015	1.466	1.033	1.012
Ba4554	455.403 { 7	Y_3710	ppm	0.1327	0.001	0.7843	0.1334	0.132
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0001	49.13	0.0003	0.0002
Ca3158	315.887 {1	In2306	ppm	74.46	0.3705	0.4975	74.72	74.2
Ca3181	318.128 {1	In2306	ppm	73.68	0.7291	0.9895	74.2	73.17
Cd2288	228.802 {4	Y_2243	ppm	0.0059	0.0067	112.3	0.0012	0.0106
Co2286	228.616 {4	In2306	ppm	0.0126	0.0143	114.2	0.0024	0.0227
Cr2677	267.716 {1	Y_3600	ppm	0.0296	0.0004	1.219	0.0299	0.0294
Cu3247	324.754 {1	Y_3600	ppm	0.0189	0.0002	0.9699	0.0191	0.0188
Fe2404	240.488 {1	In2306	ppm	7.761	0.1115	1.436	7.84	7.683
K_7664	766.490 { 4	Y_3710	ppm	26.54	0.7842	2.955	27.1	25.99
K_7698	769.896 { 4	Y_3710	ppm	27.75	0.806	2.904	28.32	27.18
Li6707	670.784 { 5	Y_3710	ppm	0.0769	0.0031	4.026	0.0791	0.0747
Mg2790	279.079 {1	Y_3710	ppm	17.92	0.1014	0.5659	17.85	17.99
Mn2576	257.610 {1	Y_3600	ppm	0.1828	0.0016	0.851	0.1817	0.1839
Mn2576-2	257.610 {1	Y_3710	ppm	0.1938	0.0021	1.107	0.1953	0.1922
Mo2020	202.030 {4	Y_2243	ppm	0.0464	0.0152	32.62	0.0357	0.0572
Na5895	589.592 { 5	Y_3710	ppm	626	6.919	1.105	630.9	621.1
Na8183	818.326 { 4	Y_3710	ppm	831.7	13.37	1.607	841.2	822.3
Ni2316	231.604 {4	In2306	ppm	0.0146	0.0138	94.51	0.0048	0.0244
P_1782	178.284 {4	In2306	ppm	4.964	0.0784	1.579	5.019	4.908
Pb2203	220.353 {4	In2306	ppm	0.0128	0.0116	90.63	0.0046	0.021
S_1820	182.034 {4	Y_2243	ppm	-10490	118.5	1.13	-10580	-10410
Sb2068	206.833 {4	Y_2243	ppm	0.0173	0.0144	83.38	0.0071	0.0275
Se1960	196.090 {4	Y_2243	ppm	0.0127	0.0129	101.8	0.0035	0.0218
Si2516	251.611 {1	Y_3710	ppm	19.88	0.0007	0.0036	19.88	19.88
Sn1899	189.989 {4	In2306	ppm	0.015	0.0155	103.1	0.0041	0.0259
Sr4215	421.552 { 8	Y_3710	ppm	0.5906	0.0029	0.4832	0.5926	0.5886
Ti3349	334.904 {1	Y_3600	ppm	0.01	0	0.4613	0.0101	0.01
Tl1908	190.856 {4	In2306	ppm	0.0196	0.0173	88.39	0.0074	0.0319
V_2924	292.402 {1	Y_3600	ppm	0.0026	0.0001	5.548	0.0027	0.0025
Zn2062	206.200 {4	In2306	ppm	0.2963	0.0117	3.948	0.2881	0.3046

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.971	1.2209	2.4433	49.108	50.834
In2306	230.606 {4	Cts/S	7411	10.466	0.14122	7418.4	7403.6
Y_2243	224.306 {4	Cts/S	11975	4.6057	0.03846	11972	11978
Y_3600	360.073 { 9	Cts/S	49778	194.48	0.3907	49915	49640
Y_3710	371.030 { 9	Cts/S	7977.5	26.15	0.3278	7959	7996

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	61.38	0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	0.2494	0.0868	34.8	0.3107	0.188
As1890	189.042 {4	Y_2243	ppm	0.0749	0.0021	2.769	0.0734	0.0764
B_2496	249.678 {1	Y_3710	ppm	1.04	0.0052	0.498	1.036	1.043
Ba4554	455.403 { 7	Y_3710	ppm	0.1326	0.0003	0.255	0.1328	0.1323
Be3130	313.042 {1	Y_3710	ppm	0.0004	0	9.522	0.0004	0.0003
Ca3158	315.887 {1	In2306	ppm	70.71	0.8558	1.21	71.31	70.1
Ca3181	318.128 {1	In2306	ppm	70.08	0.9808	1.399	70.78	69.39
Cd2288	228.802 {4	Y_2243	ppm	0.0007	0.0007	109.5	0.0001	0.0012
Co2286	228.616 {4	In2306	ppm	0.0016	0.0015	93.1	0.0006	0.0027
Cr2677	267.716 {1	Y_3600	ppm	0.0309	0.0004	1.245	0.0307	0.0312
Cu3247	324.754 {1	Y_3600	ppm	0.0191	0.0003	1.38	0.0193	0.0189
Fe2404	240.488 {1	In2306	ppm	7.374	0.0323	0.4384	7.397	7.351
K_7664	766.490 { 4	Y_3710	ppm	26.65	0.1273	0.4777	26.74	26.56
K_7698	769.896 { 4	Y_3710	ppm	27.92	0.1835	0.6574	28.05	27.79
Li6707	670.784 { 5	Y_3710	ppm	0.0768	0.0009	1.229	0.0774	0.0761
Mg2790	279.079 {1	Y_3710	ppm	17.82	0.1952	1.095	17.96	17.68
Mn2576	257.610 {1	Y_3600	ppm	0.178	0.0002	0.1329	0.1781	0.1778
Mn2576-2	257.610 {1	Y_3710	ppm	0.1867	0.0022	1.157	0.1882	0.1852
Mo2020	202.030 {4	Y_2243	ppm	0.0334	0.0015	4.432	0.0324	0.0345
Na5895	589.592 { 5	Y_3710	ppm	610.1	11.12	1.824	602.2	617.9
Na8183	818.326 { 4	Y_3710	ppm	831.9	3.065	0.3684	834	829.7
Ni2316	231.604 {4	In2306	ppm	0.0038	0.0012	32.4	0.0029	0.0047
P_1782	178.284 {4	In2306	ppm	4.995	0.0439	0.8791	5.026	4.964
Pb2203	220.353 {4	In2306	ppm	0.0041	0.0014	33.48	0.0031	0.005
S_1820	182.034 {4	Y_2243	ppm	-10520	66.09	0.6285	-10560	-10470
Sb2068	206.833 {4	Y_2243	ppm	0.0018	0.0025	137	0.0001	0.0036
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.0027	170.5	-0.0003	0.0034
Si2516	251.611 {1	Y_3710	ppm	20.01	0.0131	0.0656	20	20.02
Sn1899	189.989 {4	In2306	ppm	0.0015	0.0015	103.8	0.0004	0.0026
Sr4215	421.552 { 8	Y_3710	ppm	0.5894	0.0006	0.0994	0.5898	0.589
Ti3349	334.904 {1	Y_3600	ppm	0.0087	0.0007	8.082	0.0092	0.0082
Tl1908	190.856 {4	In2306	ppm	0.0024	0.003	124.9	0.0003	0.0045
V_2924	292.402 {1	Y_3600	ppm	0.0029	0.0002	5.885	0.0027	0.003
Zn2062	206.200 {4	In2306	ppm	0.2872	0.001	0.3384	0.2879	0.2865

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.048	0.60747	1.1671	51.618	52.478
In2306	230.606 {4	Cts/S	7432.1	25.475	0.34276	7414.1	7450.2
Y_2243	224.306 {4	Cts/S	12023	40.518	0.33702	11994	12051
Y_3600	360.073 { 9	Cts/S	49523	24.118	0.0487	49505	49540
Y_3710	371.030 { 9	Cts/S	7971.4	3.6259	0.04549	7968.8	7973.9

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5031	0.0037	0.7265	0.5056	0.5005
Al3082	308.215 {1	In2306	ppm	10.51	0.3104	2.954	10.73	10.29
As1890	189.042 {4	Y_2243	ppm	1.137	0.0161	1.416	1.149	1.126
B_2496	249.678 {1	Y_3710	ppm	1.995	0.0203	1.017	1.981	2.01
Ba4554	455.403 { 7	Y_3710	ppm	1.077	0.0003	0.0239	1.077	1.078
Be3130	313.042 {1	Y_3710	ppm	0.4827	0.0004	0.0802	0.4824	0.4829
Ca3158	315.887 {1	In2306	ppm	81.72	1.474	1.803	82.76	80.67
Ca3181	318.128 {1	In2306	ppm	81.05	1.537	1.896	82.13	79.96
Cd2288	228.802 {4	Y_2243	ppm	0.5144	0.0058	1.123	0.5185	0.5103
Co2286	228.616 {4	In2306	ppm	1.004	0.0122	1.214	1.012	0.9951
Cr2677	267.716 {1	Y_3600	ppm	0.9077	0.0054	0.5923	0.9115	0.9039
Cu3247	324.754 {1	Y_3600	ppm	1.034	0.0054	0.5242	1.038	1.03
Fe2404	240.488 {1	In2306	ppm	17.55	0.2795	1.592	17.75	17.36
K_7664	766.490 { 4	Y_3710	ppm	36.49	0.44	1.206	36.8	36.18
K_7698	769.896 { 4	Y_3710	ppm	38.38	0.3635	0.9472	38.63	38.12
Li6707	670.784 { 5	Y_3710	ppm	0.5712	0.0085	1.482	0.5772	0.5652
Mg2790	279.079 {1	Y_3710	ppm	27.37	0.0774	0.2829	27.32	27.43
Mn2576	257.610 {1	Y_3600	ppm	1.056	0.0081	0.768	1.062	1.051
Mn2576-2	257.610 {1	Y_3710	ppm	1.135	0.0039	0.3411	1.132	1.137
Mo2020	202.030 {4	Y_2243	ppm	0.9986	0.0148	1.484	1.009	0.9881
Na5895	589.592 { 5	Y_3710	ppm	619.8	16.76	2.704	607.9	631.6
Na8183	818.326 { 4	Y_3710	ppm	835.3	5.688	0.6809	839.3	831.3
Ni2316	231.604 {4	In2306	ppm	1.006	0.012	1.195	1.015	0.9977
P_1782	178.284 {4	In2306	ppm	4.91	0.0147	0.2985	4.9	4.921
Pb2203	220.353 {4	In2306	ppm	0.975	0.0105	1.075	0.9824	0.9675
S_1820	182.034 {4	Y_2243	ppm	-10430	32.99	0.3165	-10400	-10450
Sb2068	206.833 {4	Y_2243	ppm	1.004	0.0162	1.611	1.016	0.9926
Se1960	196.090 {4	Y_2243	ppm	1.129	0.009	0.7983	1.135	1.123
Si2516	251.611 {1	Y_3710	ppm	20.66	0.1317	0.6374	20.57	20.75
Sn1899	189.989 {4	In2306	ppm	1.002	0.0142	1.418	1.012	0.9924
Sr4215	421.552 { 8	Y_3710	ppm	1.065	0.0003	0.0254	1.065	1.065
Ti3349	334.904 {1	Y_3600	ppm	0.9035	0.0051	0.5634	0.9071	0.8999
Tl1908	190.856 {4	In2306	ppm	0.895	0.0197	2.201	0.9089	0.8811
V_2924	292.402 {1	Y_3600	ppm	0.9003	0.0083	0.9191	0.9061	0.8944
Zn2062	206.200 {4	In2306	ppm	1.335	0.0095	0.7093	1.342	1.329

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.66	1.1961	2.3611	49.815	51.506
In2306	230.606 {4	Cts/S	7342.7	25.706	0.35009	7360.9	7324.6
Y_2243	224.306 {4	Cts/S	11931	32.626	0.27346	11954	11908
Y_3600	360.073 { 9	Cts/S	49899	173.09	0.34687	49777	50022
Y_3710	371.030 { 9	Cts/S	7906.5	5.8256	0.07368	7902.4	7910.6

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Custom ID3=
Run Time=1/26/2012 10:23:36
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5159	0.0015	0.2909	0.517	0.5148
Al3082	308.215 {1	In2306	ppm	10.81	0.0185	0.1715	10.83	10.8
As1890	189.042 {4	Y_2243	ppm	1.176	0.0056	0.4788	1.18	1.172
B_2496	249.678 {1	Y_3710	ppm	2.025	0.0053	0.2595	2.022	2.029
Ba4554	455.403 { 7	Y_3710	ppm	1.094	0.0023	0.2074	1.096	1.093
Be3130	313.042 {1	Y_3710	ppm	0.4894	0.0003	0.0708	0.4897	0.4892
Ca3158	315.887 {1	In2306	ppm	84.18	0.0802	0.0952	84.24	84.13
Ca3181	318.128 {1	In2306	ppm	83.48	0.3146	0.3769	83.26	83.71
Cd2288	228.802 {4	Y_2243	ppm	0.5319	0	0.0017	0.5319	0.5319
Co2286	228.616 {4	In2306	ppm	1.037	0.0009	0.0878	1.036	1.037
Cr2677	267.716 {1	Y_3600	ppm	0.9283	0.0001	0.0157	0.9282	0.9284
Cu3247	324.754 {1	Y_3600	ppm	1.063	0.0038	0.357	1.066	1.06
Fe2404	240.488 {1	In2306	ppm	18.04	0.0938	0.5199	17.97	18.11
K_7664	766.490 { 4	Y_3710	ppm	36.81	0.3267	0.8876	37.04	36.58
K_7698	769.896 { 4	Y_3710	ppm	38.83	0.3027	0.7795	39.04	38.61
Li6707	670.784 { 5	Y_3710	ppm	0.5758	0.007	1.213	0.5807	0.5709
Mg2790	279.079 {1	Y_3710	ppm	27.74	0.0168	0.0607	27.75	27.72
Mn2576	257.610 {1	Y_3600	ppm	1.083	0.0016	0.1457	1.082	1.084
Mn2576-2	257.610 {1	Y_3710	ppm	1.155	0.0022	0.1929	1.156	1.153
Mo2020	202.030 {4	Y_2243	ppm	1.039	0.0005	0.0466	1.039	1.039
Na5895	589.592 { 5	Y_3710	ppm	628.1	12.67	2.017	637.1	619.2
Na8183	818.326 { 4	Y_3710	ppm	847.6	3.956	0.4668	850.4	844.8
Ni2316	231.604 {4	In2306	ppm	1.04	0.0018	0.1756	1.039	1.041
P_1782	178.284 {4	In2306	ppm	5.022	0.004	0.0802	5.025	5.019
Pb2203	220.353 {4	In2306	ppm	1.005	0.0035	0.3458	1.002	1.007
S_1820	182.034 {4	Y_2243	ppm	-10670	17.26	0.1618	-10660	-10680
Sb2068	206.833 {4	Y_2243	ppm	1.052	0.0014	0.1369	1.053	1.051
Se1960	196.090 {4	Y_2243	ppm	1.168	0.0085	0.7281	1.174	1.162
Si2516	251.611 {1	Y_3710	ppm	20.93	0.0464	0.2219	20.97	20.9
Sn1899	189.989 {4	In2306	ppm	1.035	0.0014	0.1312	1.036	1.034
Sr4215	421.552 { 8	Y_3710	ppm	1.082	0.0021	0.1958	1.083	1.08
Ti3349	334.904 {1	Y_3600	ppm	0.9278	0.0007	0.074	0.9283	0.9273
Tl1908	190.856 {4	In2306	ppm	0.9449	0.0055	0.5791	0.9488	0.9411
V_2924	292.402 {1	Y_3600	ppm	0.9224	0.0019	0.2113	0.921	0.9238
Zn2062	206.200 {4	In2306	ppm	1.374	0.0073	0.5304	1.369	1.379

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.982	0.18663	0.37339	49.85	50.114
In2306	230.606 {4	Cts/S	7304.2	19.917	0.27268	7290.1	7318.3
Y_2243	224.306 {4	Cts/S	11859	47.67	0.40198	11825	11893
Y_3600	360.073 { 9	Cts/S	49530	154.85	0.31263	49421	49640
Y_3710	371.030 { 9	Cts/S	7929.3	17.029	0.21475	7917.3	7941.4

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0007	171.9	-0.0009	0.0001
Al3082	308.215 {1	In2306	ppm	0.018	0.0029	15.99	0.016	0.0201
As1890	189.042 {4	Y_2243	ppm	0.0025	0.0045	177.4	-0.0006	0.0057
B_2496	249.678 {1	Y_3710	ppm	0.0038	0.0013	34.7	0.0029	0.0048
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0.0002	20.38	0.0012	0.0009
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	162.7	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.8751	0.0165	1.882	0.8635	0.8868
Ca3181	318.128 {1	In2306	ppm	0.8492	0.013	1.532	0.8584	0.84
Cd2288	228.802 {4	Y_2243	ppm	0.0018	0.0025	136.2	0.0001	0.0036
Co2286	228.616 {4	In2306	ppm	0.0042	0.0052	123.7	0.0005	0.0079
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	96.67	0	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0	0	120.8	0	0.0001
Fe2404	240.488 {1	In2306	ppm	0.0317	0.0017	5.222	0.0305	0.0329
K_7664	766.490 { 4	Y_3710	ppm	7.218	0.001	0.0137	7.218	7.219
K_7698	769.896 { 4	Y_3710	ppm	7.245	0.0173	0.2387	7.257	7.233
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0	2.892	-0.0004	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.1235	0.0006	0.5169	0.1239	0.123
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0.0001	8.385	0.0013	0.0012
Mn2576-2	257.610 {1	Y_3710	ppm	0.0025	0.0015	60.64	0.0035	0.0014
Mo2020	202.030 {4	Y_2243	ppm	0.0074	0.0069	93.1	0.0025	0.0123
Na5895	589.592 { 5	Y_3710	ppm	32.17	0.0085	0.0264	32.17	32.16
Na8183	818.326 { 4	Y_3710	ppm	32.27	0.0332	0.1029	32.24	32.29
Ni2316	231.604 {4	In2306	ppm	0.0043	0.0054	125.9	0.0005	0.0081
P_1782	178.284 {4	In2306	ppm	0.1398	0.018	12.88	0.1271	0.1525
Pb2203	220.353 {4	In2306	ppm	0.0026	0.0034	129.1	0.0002	0.005
S_1820	182.034 {4	Y_2243	ppm	-134.4	34.58	25.73	-109.9	-158.9
Sb2068	206.833 {4	Y_2243	ppm	0.0124	0.0033	26.61	0.0101	0.0148
Se1960	196.090 {4	Y_2243	ppm	0.0041	0.003	71.61	0.002	0.0062
Si2516	251.611 {1	Y_3710	ppm	0.0988	0.0036	3.672	0.1014	0.0962
Sn1899	189.989 {4	In2306	ppm	0.0053	0.0061	114.1	0.001	0.0096
Sr4215	421.552 { 8	Y_3710	ppm	0.0044	0.0001	1.865	0.0044	0.0045
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0003	33.25	0.0011	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0116	0.0082	70.63	0.0058	0.0173
V_2924	292.402 {1	Y_3600	ppm	0.0015	0.0009	58.37	0.0021	0.0009
Zn2062	206.200 {4	In2306	ppm	0.009	0.0063	69.47	0.0046	0.0135

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.971	1.0018	1.8562	54.68	53.263
In2306	230.606 {4	Cts/S	9279.6	38.74	0.41747	9307	9252.2
Y_2243	224.306 {4	Cts/S	13481	62.876	0.46642	13525	13436
Y_3600	360.073 { 9	Cts/S	48173	51.222	0.10633	48137	48209
Y_3710	371.030 { 9	Cts/S	8455.6	10.183	0.12043	8462.8	8448.4

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	144.6	0	-0.0005
Al3082	308.215 {1	In2306	ppm	-0.0016	0.0159	992.9	-0.0128	0.0096
As1890	189.042 {4	Y_2243	ppm	0.0005	0.0008	139.8	0.0011	0
B_2496	249.678 {1	Y_3710	ppm	-0.0027	0.0034	127.4	-0.0003	-0.0051
Ba4554	455.403 { 7	Y_3710	ppm	0.0011	0.0001	11.29	0.0012	0.001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	76.6	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	0.8687	0.0117	1.342	0.8605	0.877
Ca3181	318.128 {1	In2306	ppm	0.9456	0.0701	7.418	0.896	0.9952
Cd2288	228.802 {4	Y_2243	ppm	0	0	145.5	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	21.4	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0	5.853	-0.0005	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0003	93.6	-0.0005	-0.0001
Fe2404	240.488 {1	In2306	ppm	0.0472	0.0059	12.56	0.0514	0.043
K_7664	766.490 { 4	Y_3710	ppm	7.435	0.0143	0.1929	7.425	7.445
K_7698	769.896 { 4	Y_3710	ppm	7.452	0.0259	0.3477	7.433	7.47
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0.0002	69.33	-0.0001	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0927	0.0471	50.78	0.0594	0.126
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0	2.34	0.0013	0.0013
Mn2576-2	257.610 {1	Y_3710	ppm	0.0027	0.0012	43.35	0.0019	0.0035
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0	1.574	0.0005	0.0004
Na5895	589.592 { 5	Y_3710	ppm	34.43	0.2591	0.7527	34.24	34.61
Na8183	818.326 { 4	Y_3710	ppm	34.22	0.1781	0.5204	34.09	34.34
Ni2316	231.604 {4	In2306	ppm	0.0004	0	7.98	0.0004	0.0004
P_1782	178.284 {4	In2306	ppm	0.1291	0.0003	0.2445	0.1293	0.1288
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0007	680	0.0006	-0.0004
S_1820	182.034 {4	Y_2243	ppm	-111.1	0.5978	0.5383	-111.5	-110.6
Sb2068	206.833 {4	Y_2243	ppm	0.0013	0.0006	49.39	0.0008	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0022	0.0003	15.81	0.0024	0.002
Si2516	251.611 {1	Y_3710	ppm	0.0589	0.0112	18.95	0.051	0.0667
Sn1899	189.989 {4	In2306	ppm	-0.0003	0	17.06	-0.0003	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0044	0.0001	2.55	0.0045	0.0043
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0	1.884	-0.0002	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0011	71.26	0.0008	0.0024
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0005	62.13	0.0013	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0039	0.0001	2.682	0.0039	0.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.046	2.1017	3.8888	55.532	52.56
In2306	230.606 {4	Cts/S	9193.3	42.625	0.46365	9163.2	9223.5
Y_2243	224.306 {4	Cts/S	13352	56.427	0.42262	13312	13392
Y_3600	360.073 { 9	Cts/S	48737	126.99	0.26055	48826	48647
Y_3710	371.030 { 9	Cts/S	8412.2	0.47776	0.00568	8412.6	8411.9

[Sample Header]
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Username=admin
Comment=
Custom ID1=
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Custom ID3=
Run Time=1/26/2012 10:31:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	275.5	0.0001	-0.0003
Al3082	308.215 {1	In2306	ppm	-0.0071	0.0005	7.265	-0.0067	-0.0074
As1890	189.042 {4	Y_2243	ppm	-0.0007	0.0003	49.72	-0.0004	-0.0009
B_2496	249.678 {1	Y_3710	ppm	-0.0068	0.0032	47.28	-0.0046	-0.0091
Ba4554	455.403 { 7	Y_3710	ppm	0.0011	0	3.439	0.0011	0.0011
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0002	92.29	0.0003	0.0001
Ca3158	315.887 {1	In2306	ppm	0.8287	0.0588	7.099	0.8703	0.7871
Ca3181	318.128 {1	In2306	ppm	0.9074	0.0371	4.086	0.9336	0.8812
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	60.32	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	14.74	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0001	109.3	0	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0002	0.0004	156.2	0	-0.0005
Fe2404	240.488 {1	In2306	ppm	0.0504	0.0013	2.587	0.0514	0.0495
K_7664	766.490 { 4	Y_3710	ppm	7.419	0.0703	0.9476	7.369	7.469
K_7698	769.896 { 4	Y_3710	ppm	7.41	0.1189	1.604	7.326	7.494
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0	11.03	0.0002	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0816	0.0608	74.46	0.0387	0.1246
Mn2576	257.610 {1	Y_3600	ppm	0.0012	0.0001	5.571	0.0013	0.0012
Mn2576-2	257.610 {1	Y_3710	ppm	0.0015	0.0008	51.79	0.001	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	47.82	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	ppm	34.59	0.4268	1.234	34.28	34.89
Na8183	818.326 { 4	Y_3710	ppm	34.31	0.0575	0.1675	34.27	34.35
Ni2316	231.604 {4	In2306	ppm	0	0.0001	4030	-0.0001	0.0001
P_1782	178.284 {4	In2306	ppm	0.1268	0.0015	1.2	0.1279	0.1257
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0004	160.6	-0.0005	0
S_1820	182.034 {4	Y_2243	ppm	-108.8	0.1053	0.0967	-108.9	-108.8
Sb2068	206.833 {4	Y_2243	ppm	-0.0005	0.0002	49.65	-0.0006	-0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.0008	53.12	0.0022	0.001
Si2516	251.611 {1	Y_3710	ppm	0.0571	0.0067	11.65	0.0618	0.0524
Sn1899	189.989 {4	In2306	ppm	0	0.0001	257.9	0	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0044	0	0.3046	0.0044	0.0044
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0006	444	-0.0006	0.0003
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0003	344.9	0.0003	-0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0008	0.0008	94.11	0.0003	0.0014
Zn2062	206.200 {4	In2306	ppm	0.004	0	0.9115	0.004	0.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.74	1.2538	2.2904	53.854	55.627
In2306	230.606 {4	Cts/S	9282	3.4967	0.03767	9279.5	9284.4
Y_2243	224.306 {4	Cts/S	13492	12.009	0.08901	13501	13484
Y_3600	360.073 { 9	Cts/S	48701	229.43	0.47109	48864	48539
Y_3710	371.030 { 9	Cts/S	8395.1	11.376	0.13551	8403.1	8387

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Custom ID3=
Run Time=1/26/2012 10:33:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0001	12.96	0.0006	0.0005
Al3082	308.215 {1	In2306	ppm	0.0464	0.0076	16.42	0.041	0.0517
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0001	13.41	0.0007	0.0006
B_2496	249.678 {1	Y_3710	ppm	-0.0001	0.0029	2728	0.0019	-0.0021
Ba4554	455.403 { 7	Y_3710	ppm	0.0011	0.0001	8.214	0.001	0.0011
Be3130	313.042 {1	Y_3710	ppm	0	0	70.01	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.8593	0.007	0.818	0.8643	0.8543
Ca3181	318.128 {1	In2306	ppm	0.9106	0.0124	1.359	0.9019	0.9194
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	16.19	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	29.74	0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0003	125.8	0.0004	0
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0003	119.5	0	-0.0005
Fe2404	240.488 {1	In2306	ppm	0.0558	0.0399	71.59	0.084	0.0275
K_7664	766.490 { 4	Y_3710	ppm	7.571	0.0156	0.2058	7.56	7.582
K_7698	769.896 { 4	Y_3710	ppm	7.558	0.0236	0.3122	7.575	7.541
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0004	220.9	0.0004	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.1165	0.0599	51.44	0.0741	0.1589
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0	0.4341	0.0013	0.0013
Mn2576-2	257.610 {1	Y_3710	ppm	0.003	0.0009	31.49	0.0037	0.0023
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	170.5	0	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	35.98	0.0483	0.1342	35.94	36.01
Na8183	818.326 { 4	Y_3710	ppm	36.12	0.1535	0.425	36.23	36.01
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	72.46	-0.0001	0
P_1782	178.284 {4	In2306	ppm	0.133	0.0012	0.8938	0.1322	0.1339
Pb2203	220.353 {4	In2306	ppm	-0.0004	0.0005	127	-0.0007	0
S_1820	182.034 {4	Y_2243	ppm	-112.3	0.1405	0.1251	-112.2	-112.4
Sb2068	206.833 {4	Y_2243	ppm	-0.0024	0.0006	24.88	-0.002	-0.0029
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0003	39.83	0.0011	0.0006
Si2516	251.611 {1	Y_3710	ppm	0.0591	0.0086	14.51	0.0652	0.0531
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	58.87	-0.0002	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.0044	0.0001	1.297	0.0044	0.0045
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0	9.03	-0.0003	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0003	31.81	0.0007	0.0011
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0003	62.23	0.0006	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0039	0.0001	2.533	0.004	0.0039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.738	1.0439	1.9071	54	55.476
In2306	230.606 {4	Cts/S	9254.1	14.646	0.15826	9264.5	9243.7
Y_2243	224.306 {4	Cts/S	13454	30.671	0.22796	13476	13433
Y_3600	360.073 { 9	Cts/S	48684	111.11	0.22823	48605	48763
Y_3710	371.030 { 9	Cts/S	8371.8	5.5371	0.06614	8375.7	8367.9

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Custom ID3=
Run Time=1/26/2012 10:36:33
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2383	0.0002	0.0879	0.2381	0.2384
Al3082	308.215 {1	In2306	ppm	2.663	0.3239	12.16	2.434	2.892
As1890	189.042 {4	Y_2243	ppm	0.503	0.0004	0.0883	0.5033	0.5027
B_2496	249.678 {1	Y_3710	ppm	0.4858	0.0452	9.295	0.4539	0.5177
Ba4554	455.403 { 7	Y_3710	ppm	0.5033	0.04	7.95	0.475	0.5316
Be3130	313.042 {1	Y_3710	ppm	0.5022	0.0332	6.617	0.4787	0.5257
Ca3158	315.887 {1	In2306	ppm	13.3	1.053	7.919	12.56	14.04
Ca3181	318.128 {1	In2306	ppm	13.02	0.8578	6.588	12.41	13.63
Cd2288	228.802 {4	Y_2243	ppm	0.4929	0.0004	0.0783	0.4931	0.4926
Co2286	228.616 {4	In2306	ppm	0.489	0.0015	0.3033	0.49	0.4879
Cr2677	267.716 {1	Y_3600	ppm	0.4652	0.001	0.2082	0.4659	0.4645
Cu3247	324.754 {1	Y_3600	ppm	0.4727	0.0018	0.3783	0.4714	0.4739
Fe2404	240.488 {1	In2306	ppm	2.622	0.2509	9.57	2.444	2.799
K_7664	766.490 { 4	Y_3710	ppm	12.72	1.372	10.78	11.75	13.69
K_7698	769.896 { 4	Y_3710	ppm	12.95	1.447	11.17	11.93	13.98
Li6707	670.784 { 5	Y_3710	ppm	0.518	0.0618	11.93	0.4743	0.5616
Mg2790	279.079 {1	Y_3710	ppm	4.952	0.326	6.583	4.721	5.182
Mn2576	257.610 {1	Y_3600	ppm	0.4707	0.0003	0.0548	0.4709	0.4705
Mn2576-2	257.610 {1	Y_3710	ppm	0.5007	0.0303	6.042	0.4793	0.5221
Mo2020	202.030 {4	Y_2243	ppm	0.5182	0.0003	0.0613	0.5185	0.518
Na5895	589.592 { 5	Y_3710	ppm	12.82	1.48	11.54	11.77	13.87
Na8183	818.326 { 4	Y_3710	ppm	12.78	0.9766	7.64	12.09	13.47
Ni2316	231.604 {4	In2306	ppm	0.4969	0.0017	0.345	0.4981	0.4957
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0008	181.4	-0.0011	0.0001
Pb2203	220.353 {4	In2306	ppm	0.4936	0.0017	0.351	0.4948	0.4924
S_1820	182.034 {4	Y_2243	ppm	-22.72	0.0172	0.0756	-22.71	-22.74
Sb2068	206.833 {4	Y_2243	ppm	0.4956	0.0002	0.0458	0.4958	0.4954
Se1960	196.090 {4	Y_2243	ppm	0.5177	0.002	0.3857	0.5162	0.5191
Si2516	251.611 {1	Y_3710	ppm	0.8634	0.0849	9.832	0.8034	0.9234
Sn1899	189.989 {4	In2306	ppm	0.4901	0.003	0.614	0.4923	0.488
Sr4215	421.552 { 8	Y_3710	ppm	0.2622	0.0207	7.877	0.2476	0.2768
Ti3349	334.904 {1	Y_3600	ppm	0.4577	0.0006	0.1254	0.4573	0.4581
Tl1908	190.856 {4	In2306	ppm	0.4858	0.0088	1.818	0.492	0.4795
V_2924	292.402 {1	Y_3600	ppm	0.465	0.0006	0.119	0.4646	0.4653
Zn2062	206.200 {4	In2306	ppm	0.4859	0.0014	0.2869	0.4869	0.485

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.122	4.3742	8.3922	55.215	49.029
In2306	230.606 {4	Cts/S	9261	8.8023	0.09505	9267.2	9254.8
Y_2243	224.306 {4	Cts/S	13534	38.379	0.28357	13561	13507
Y_3600	360.073 { 9	Cts/S	48479	65.458	0.13503	48432	48525
Y_3710	371.030 { 9	Cts/S	8160	468.19	5.7376	8491.1	7829

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0006	12.93	0.0052	0.0044
Al3082	308.215 {1	In2306	ppm	0.0741	0.0264	35.68	0.0554	0.0928
As1890	189.042 {4	Y_2243	ppm	0.0108	0.0016	14.92	0.0097	0.012
B_2496	249.678 {1	Y_3710	ppm	0.012	0.0045	37.14	0.0152	0.0089
Ba4554	455.403 { 7	Y_3710	ppm	0.0101	0.0001	1.333	0.01	0.0102
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0002	4.42	0.0046	0.0049
Ca3158	315.887 {1	In2306	ppm	0.0741	0.0086	11.66	0.0802	0.0679
Ca3181	318.128 {1	In2306	ppm	0.1607	0.0076	4.713	0.1553	0.1661
Cd2288	228.802 {4	Y_2243	ppm	0.0063	0.0017	27.67	0.0051	0.0076
Co2286	228.616 {4	In2306	ppm	0.0113	0.0019	16.9	0.0099	0.0126
Cr2677	267.716 {1	Y_3600	ppm	0.0096	0.0005	4.81	0.0092	0.0099
Cu3247	324.754 {1	Y_3600	ppm	0.0098	0.0006	6.334	0.0094	0.0103
Fe2404	240.488 {1	In2306	ppm	0.0923	0.0313	33.92	0.0702	0.1145
K_7664	766.490 { 4	Y_3710	ppm	0.6261	0.0147	2.344	0.6157	0.6365
K_7698	769.896 { 4	Y_3710	ppm	0.4471	0.0312	6.988	0.4692	0.425
Li6707	670.784 { 5	Y_3710	ppm	0.0095	0.0001	0.6447	0.0095	0.0095
Mg2790	279.079 {1	Y_3710	ppm	0.1044	0.0135	12.92	0.0949	0.114
Mn2576	257.610 {1	Y_3600	ppm	0.0096	0	0.147	0.0096	0.0096
Mn2576-2	257.610 {1	Y_3710	ppm	0.0108	0.0006	5.433	0.0112	0.0104
Mo2020	202.030 {4	Y_2243	ppm	0.0131	0.0025	19.45	0.0113	0.0149
Na5895	589.592 { 5	Y_3710	ppm	0.684	0.0007	0.097	0.6844	0.6835
Na8183	818.326 { 4	Y_3710	ppm	0.633	0.0801	12.66	0.5763	0.6896
Ni2316	231.604 {4	In2306	ppm	0.0116	0.0018	15.33	0.0103	0.0128
P_1782	178.284 {4	In2306	ppm	0.0097	0.0003	3.274	0.0094	0.0099
Pb2203	220.353 {4	In2306	ppm	0.0122	0.0015	12.04	0.0111	0.0132
S_1820	182.034 {4	Y_2243	ppm	-0.1295	0.008	6.155	-0.1239	-0.1352
Sb2068	206.833 {4	Y_2243	ppm	0.0142	0.0012	8.695	0.0133	0.015
Se1960	196.090 {4	Y_2243	ppm	0.0125	0.0008	6.75	0.0119	0.0131
Si2516	251.611 {1	Y_3710	ppm	-0.0143	0.0126	88.01	-0.0054	-0.0232
Sn1899	189.989 {4	In2306	ppm	0.0113	0.0027	23.8	0.0094	0.0132
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0.0003	5.298	0.0047	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0098	0.0002	2.176	0.0096	0.0099
Tl1908	190.856 {4	In2306	ppm	0.0157	0.0039	24.62	0.013	0.0185
V_2924	292.402 {1	Y_3600	ppm	0.0098	0.0003	2.581	0.0096	0.0099
Zn2062	206.200 {4	In2306	ppm	0.0097	0.0018	18.48	0.0084	0.0109

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55	0.29309	0.53289	55.208	54.793
In2306	230.606 {4	Cts/S	9775.5	23.2	0.23733	9791.9	9759.1
Y_2243	224.306 {4	Cts/S	13667	44.826	0.32798	13699	13635
Y_3600	360.073 { 9	Cts/S	46805	349.08	0.74583	46558	47052
Y_3710	371.030 { 9	Cts/S	8432	36.371	0.43135	8457.7	8406.3

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Custom ID1=
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Custom ID3=
Run Time=1/26/2012 10:41:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0003	56.44	0.0003	0.0007
Al3082	308.215 {1	In2306	ppm	0.0073	0.0963	1320	0.0754	-0.0608
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0001	38.98	-0.0003	-0.0002
B_2496	249.678 {1	Y_3710	ppm	-0.0058	0.0002	3.312	-0.0056	-0.0059
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0001	150	0	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	37.27	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0324	0.0028	8.515	-0.0344	-0.0305
Ca3181	318.128 {1	In2306	ppm	0.0846	0.0072	8.497	0.0795	0.0897
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	487.8	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0	15.58	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0003	305.8	0.0003	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0011	0.0002	17.94	0.0013	0.001
Fe2404	240.488 {1	In2306	ppm	0.0017	0.0113	655.2	-0.0063	0.0097
K_7664	766.490 { 4	Y_3710	ppm	0.0129	0.0001	0.4584	0.0129	0.013
K_7698	769.896 { 4	Y_3710	ppm	-0.0937	0.0046	4.875	-0.0969	-0.0904
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0	21.34	-0.0001	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0676	0.0403	59.68	0.0391	0.0961
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0.0001	45.49	-0.0001	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0	0.0004	1070	0.0002	-0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0	27.29	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0358	0.0019	5.256	0.0344	0.0371
Na8183	818.326 { 4	Y_3710	ppm	0.0802	0.0745	92.93	0.1328	0.0275
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0003	273.2	-0.0003	0.0001
P_1782	178.284 {4	In2306	ppm	0.0002	0.0012	696.3	-0.0007	0.001
Pb2203	220.353 {4	In2306	ppm	0	0.0005	3099	-0.0003	0.0003
S_1820	182.034 {4	Y_2243	ppm	-0.1487	0.0371	24.93	-0.1749	-0.1225
Sb2068	206.833 {4	Y_2243	ppm	-0.0015	0.0007	47.44	-0.001	-0.002
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0007	282.1	-0.0003	0.0008
Si2516	251.611 {1	Y_3710	ppm	-0.036	0.0004	1.091	-0.0357	-0.0362
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	92.81	-0.0004	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	78.78	-0.0001	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	-0.0008	0.0009	120.3	-0.0015	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0006	39.01	0.0021	0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0001	86.58	0.0002	0.0001
Zn2062	206.200 {4	In2306	ppm	-0.0009	0.0001	10.34	-0.0009	-0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.241	0.68699	1.2666	54.727	53.755
In2306	230.606 {4	Cts/S	9794.5	28.725	0.29328	9814.8	9774.2
Y_2243	224.306 {4	Cts/S	13617	15.926	0.11695	13629	13606
Y_3600	360.073 { 9	Cts/S	46112	578.15	1.2538	45703	46520
Y_3710	371.030 { 9	Cts/S	8321.3	4.7583	0.05718	8317.9	8324.7

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 10:44:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5018	0.0026	0.5227	0.4999	0.5036
Al3082	308.215 {1	In2306	ppm	11.45	1.078	9.41	10.69	12.22
As1890	189.042 {4	Y_2243	ppm	1.171	0.0018	0.1524	1.17	1.172
B_2496	249.678 {1	Y_3710	ppm	2.099	0.1644	7.833	1.983	2.215
Ba4554	455.403 { 7	Y_3710	ppm	1.143	0.0901	7.887	1.079	1.206
Be3130	313.042 {1	Y_3710	ppm	0.4999	0.0473	9.47	0.4665	0.5334
Ca3158	315.887 {1	In2306	ppm	86.41	10.14	11.74	79.24	93.58
Ca3181	318.128 {1	In2306	ppm	85.14	10.19	11.96	77.93	92.34
Cd2288	228.802 {4	Y_2243	ppm	0.5288	0.0007	0.1334	0.5293	0.5283
Co2286	228.616 {4	In2306	ppm	1.012	0.001	0.0979	1.011	1.013
Cr2677	267.716 {1	Y_3600	ppm	0.9135	0.004	0.4341	0.9163	0.9107
Cu3247	324.754 {1	Y_3600	ppm	1.038	0.0041	0.3911	1.035	1.041
Fe2404	240.488 {1	In2306	ppm	18.44	2.213	12	16.88	20.01
K_7664	766.490 { 4	Y_3710	ppm	39.06	2.289	5.861	37.44	40.67
K_7698	769.896 { 4	Y_3710	ppm	41.18	2.528	6.138	39.39	42.96
Li6707	670.784 { 5	Y_3710	ppm	1.161	0.0611	5.264	1.117	1.204
Mg2790	279.079 {1	Y_3710	ppm	28.57	2.791	9.768	26.6	30.54
Mn2576	257.610 {1	Y_3600	ppm	1.078	0.0008	0.0749	1.078	1.077
Mn2576-2	257.610 {1	Y_3710	ppm	1.209	0.1186	9.811	1.125	1.293
Mo2020	202.030 {4	Y_2243	ppm	1.027	0	0.0043	1.027	1.027
Na5895	589.592 { 5	Y_3710	ppm	660.3	50.25	7.609	624.8	695.9
Na8183	818.326 { 4	Y_3710	ppm	886.7	61.79	6.968	843	930.4
Ni2316	231.604 {4	In2306	ppm	1.034	0.0019	0.1875	1.033	1.036
P_1782	178.284 {4	In2306	ppm	6.13	0.0027	0.0434	6.132	6.128
Pb2203	220.353 {4	In2306	ppm	0.9946	0.0028	0.2808	0.9965	0.9926
S_1820	182.034 {4	Y_2243	ppm	-10620	15.69	0.1477	-10610	-10630
Sb2068	206.833 {4	Y_2243	ppm	1.054	0.0006	0.0591	1.055	1.054
Se1960	196.090 {4	Y_2243	ppm	1.149	0.0029	0.2494	1.147	1.152
Si2516	251.611 {1	Y_3710	ppm	21.51	1.783	8.287	20.25	22.78
Sn1899	189.989 {4	In2306	ppm	1.002	0.0013	0.1301	1.001	1.003
Sr4215	421.552 { 8	Y_3710	ppm	1.129	0.0927	8.215	1.063	1.194
Ti3349	334.904 {1	Y_3600	ppm	0.9025	0.001	0.1086	0.9032	0.9019
Tl1908	190.856 {4	In2306	ppm	0.9326	0.0064	0.6911	0.9372	0.9281
V_2924	292.402 {1	Y_3600	ppm	0.8868	0.0065	0.7344	0.8822	0.8914
Zn2062	206.200 {4	In2306	ppm	1.348	0.0038	0.2851	1.345	1.351

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.1	4.0073	8.3312	50.934	45.267
In2306	230.606 {4	Cts/S	7283.2	0.05717	0.00078	7283.2	7283.1
Y_2243	224.306 {4	Cts/S	11764	11.293	0.096	11756	11772
Y_3600	360.073 { 9	Cts/S	50090	101.18	0.20199	50019	50162
Y_3710	371.030 { 9	Cts/S	7631.1	544.93	7.1409	8016.5	7245.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0002	206.4	0.0002	0
Al3082	308.215 {1	In2306	ppm	0.0723	0.0293	40.58	0.0515	0.093
As1890	189.042 {4	Y_2243	ppm	0.0138	0.0026	18.54	0.012	0.0156
B_2496	249.678 {1	Y_3710	ppm	0.2062	0.0037	1.772	0.2088	0.2036
Ba4554	455.403 { 7	Y_3710	ppm	0.0268	0.0001	0.2917	0.0268	0.0267
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	215.4	0	0.0002
Ca3158	315.887 {1	In2306	ppm	13.81	0.2991	2.166	13.6	14.02
Ca3181	318.128 {1	In2306	ppm	13.56	0.2994	2.207	13.35	13.77
Cd2288	228.802 {4	Y_2243	ppm	0.001	0.0013	131.5	0.0001	0.002
Co2286	228.616 {4	In2306	ppm	0.0025	0.0029	114.2	0.0005	0.0045
Cr2677	267.716 {1	Y_3600	ppm	0.0059	0.0002	3.923	0.006	0.0057
Cu3247	324.754 {1	Y_3600	ppm	0.0031	0.0001	2.984	0.0031	0.003
Fe2404	240.488 {1	In2306	ppm	1.439	0.008	0.5561	1.433	1.444
K_7664	766.490 { 4	Y_3710	ppm	5.533	0.0693	1.252	5.582	5.484
K_7698	769.896 { 4	Y_3710	ppm	5.487	0.033	0.602	5.51	5.463
Li6707	670.784 { 5	Y_3710	ppm	0.0159	0	0.2448	0.0159	0.0159
Mg2790	279.079 {1	Y_3710	ppm	3.532	0.0766	2.17	3.586	3.478
Mn2576	257.610 {1	Y_3600	ppm	0.0368	0	0.032	0.0368	0.0368
Mn2576-2	257.610 {1	Y_3710	ppm	0.0387	0.0008	2.114	0.0381	0.0393
Mo2020	202.030 {4	Y_2243	ppm	0.0115	0.0041	35.63	0.0086	0.0144
Na5895	589.592 { 5	Y_3710	ppm	149.5	1.103	0.7378	148.7	150.3
Na8183	818.326 { 4	Y_3710	ppm	165.9	0.8109	0.4888	166.5	165.3
Ni2316	231.604 {4	In2306	ppm	0.0024	0.0029	120.1	0.0004	0.0045
P_1782	178.284 {4	In2306	ppm	0.8875	0.0195	2.195	0.8737	0.9013
Pb2203	220.353 {4	In2306	ppm	0.0018	0.0014	75.06	0.0009	0.0028
S_1820	182.034 {4	Y_2243	ppm	-2186	23.13	1.058	-2170	-2202
Sb2068	206.833 {4	Y_2243	ppm	0.0071	0.0045	64.38	0.0038	0.0103
Se1960	196.090 {4	Y_2243	ppm	0.0028	0.001	35.33	0.0021	0.0035
Si2516	251.611 {1	Y_3710	ppm	3.841	0.0304	0.7928	3.82	3.863
Sn1899	189.989 {4	In2306	ppm	0.0033	0.0034	103.4	0.0009	0.0057
Sr4215	421.552 { 8	Y_3710	ppm	0.1201	0.0008	0.6344	0.1206	0.1196
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0008	30.66	0.0021	0.0033
Tl1908	190.856 {4	In2306	ppm	0.0047	0.0025	54.07	0.0029	0.0065
V_2924	292.402 {1	Y_3600	ppm	0.0015	0.0007	46.63	0.002	0.001
Zn2062	206.200 {4	In2306	ppm	0.0578	0.0041	7.05	0.055	0.0607

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.365	0.6231	1.1676	53.806	52.924
In2306	230.606 {4	Cts/S	8601.6	66.468	0.77274	8648.6	8554.6
Y_2243	224.306 {4	Cts/S	12970	68.068	0.5248	13018	12922
Y_3600	360.073 { 9	Cts/S	49364	251.98	0.51045	49186	49542
Y_3710	371.030 { 9	Cts/S	8188.6	4.2215	0.05155	8191.6	8185.6

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	13.93	0.0005	0.0004
Al3082	308.215 {1	In2306	ppm	0.0297	0.009	30.18	0.0233	0.036
As1890	189.042 {4	Y_2243	ppm	-0.0012	0.0002	20.35	-0.001	-0.0013
B_2496	249.678 {1	Y_3710	ppm	0.0009	0.007	757.5	-0.004	0.0059
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	74.83	0.0004	0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	172.4	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0268	0.0038	14.02	-0.0294	-0.0241
Ca3181	318.128 {1	In2306	ppm	0.024	0.0183	76.07	0.0369	0.0111
Cd2288	228.802 {4	Y_2243	ppm	0	0	95.07	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	15.56	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0001	30.57	-0.0002	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	0	0.0003	1266	0.0002	-0.0002
Fe2404	240.488 {1	In2306	ppm	-0.0306	0.0073	23.94	-0.0358	-0.0254
K_7664	766.490 { 4	Y_3710	ppm	0.0591	0.0107	18.09	0.0667	0.0515
K_7698	769.896 { 4	Y_3710	ppm	-0.1492	0.0145	9.701	-0.1389	-0.1594
Li6707	670.784 { 5	Y_3710	ppm	0	0.0001	652	0.0001	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0265	0.0272	102.6	0.0073	0.0458
Mn2576	257.610 {1	Y_3600	ppm	0.0012	0.0001	6.14	0.0011	0.0012
Mn2576-2	257.610 {1	Y_3710	ppm	0.0014	0.0011	76.52	0.0022	0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	14.04	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.1068	0.0068	6.347	0.1116	0.102
Na8183	818.326 { 4	Y_3710	ppm	-0.1846	0.1024	55.46	-0.1122	-0.257
Ni2316	231.604 {4	In2306	ppm	0.0002	0	22.27	0.0002	0.0002
P_1782	178.284 {4	In2306	ppm	0.0011	0.0021	183.3	-0.0003	0.0026
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0003	112.1	0.0005	0.0001
S_1820	182.034 {4	Y_2243	ppm	-4.225	3.926	92.94	-1.448	-7.001
Sb2068	206.833 {4	Y_2243	ppm	-0.0001	0.001	709.5	0.0006	-0.0009
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0001	4.194	0.0012	0.0012
Si2516	251.611 {1	Y_3710	ppm	-0.014	0.0246	175.9	-0.0314	0.0034
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	66.74	-0.0004	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0	25.06	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0002	67.56	-0.0005	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0022	0.0004	19.55	0.0025	0.0019
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0007	324.1	0.0007	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.0011	0.0001	12.36	0.001	0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.972	0.45167	0.85267	52.652	53.291
In2306	230.606 {4	Cts/S	9795	16.427	0.16771	9806.6	9783.3
Y_2243	224.306 {4	Cts/S	13645	1.0421	0.00764	13644	13646
Y_3600	360.073 { 9	Cts/S	47037	76.209	0.16202	46983	47091
Y_3710	371.030 { 9	Cts/S	8452.8	13.32	0.15758	8462.2	8443.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4726	0.0013	0.2667	0.4717	0.4734
Al3082	308.215 {1	In2306	ppm	9.955	0.1813	1.822	9.827	10.08
As1890	189.042 {4	Y_2243	ppm	0.9946	0.0007	0.0662	0.9941	0.995
B_2496	249.678 {1	Y_3710	ppm	0.9478	0.0049	0.5217	0.9513	0.9443
Ba4554	455.403 { 7	Y_3710	ppm	0.9748	0.0074	0.7575	0.98	0.9696
Be3130	313.042 {1	Y_3710	ppm	0.4806	0.0009	0.1778	0.48	0.4812
Ca3158	315.887 {1	In2306	ppm	9.342	0.2411	2.58	9.172	9.513
Ca3181	318.128 {1	In2306	ppm	9.113	0.2295	2.518	8.951	9.276
Cd2288	228.802 {4	Y_2243	ppm	0.4891	0.0003	0.0701	0.4894	0.4889
Co2286	228.616 {4	In2306	ppm	0.9625	0.0003	0.0292	0.9623	0.9627
Cr2677	267.716 {1	Y_3600	ppm	0.925	0.0001	0.0066	0.925	0.9251
Cu3247	324.754 {1	Y_3600	ppm	0.9286	0.0017	0.1828	0.9274	0.9298
Fe2404	240.488 {1	In2306	ppm	9.332	0.1924	2.061	9.196	9.468
K_7664	766.490 { 4	Y_3710	ppm	11.07	0.2214	2	11.23	10.91
K_7698	769.896 { 4	Y_3710	ppm	11.07	0.2736	2.471	11.27	10.88
Li6707	670.784 { 5	Y_3710	ppm	0.5641	0.0166	2.937	0.5758	0.5524
Mg2790	279.079 {1	Y_3710	ppm	9.239	0.1341	1.452	9.144	9.334
Mn2576	257.610 {1	Y_3600	ppm	0.9187	0.0005	0.0582	0.9183	0.9191
Mn2576-2	257.610 {1	Y_3710	ppm	0.9375	0.003	0.3218	0.9354	0.9397
Mo2020	202.030 {4	Y_2243	ppm	1.022	0.0004	0.037	1.022	1.021
Na5895	589.592 { 5	Y_3710	ppm	11.15	0.2939	2.636	11.36	10.94
Na8183	818.326 { 4	Y_3710	ppm	10.31	0.1796	1.743	10.43	10.18
Ni2316	231.604 {4	In2306	ppm	0.976	0.0017	0.1734	0.9748	0.9772
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0009	180.9	0.0001	-0.0012
Pb2203	220.353 {4	In2306	ppm	0.9694	0.0077	0.7955	0.9639	0.9748
S_1820	182.034 {4	Y_2243	ppm	-1.014	0.0501	4.941	-0.9786	-1.049
Sb2068	206.833 {4	Y_2243	ppm	0.9764	0	0.0039	0.9764	0.9764
Se1960	196.090 {4	Y_2243	ppm	1.017	0.0058	0.5666	1.013	1.021
Si2516	251.611 {1	Y_3710	ppm	0.8476	0.037	4.371	0.8214	0.8738
Sn1899	189.989 {4	In2306	ppm	0.9522	0	0.0038	0.9521	0.9522
Sr4215	421.552 { 8	Y_3710	ppm	0.4992	0.0037	0.7507	0.5019	0.4966
Ti3349	334.904 {1	Y_3600	ppm	0.9073	0.0017	0.1917	0.9086	0.9061
Tl1908	190.856 {4	In2306	ppm	0.9579	0.0129	1.343	0.967	0.9488
V_2924	292.402 {1	Y_3600	ppm	0.903	0.0038	0.4232	0.9003	0.9057
Zn2062	206.200 {4	In2306	ppm	0.9476	0	0.0018	0.9476	0.9475

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.59	0.54189	0.99266	54.973	54.207
In2306	230.606 {4	Cts/S	9148.7	2.0487	0.02239	9147.3	9150.2
Y_2243	224.306 {4	Cts/S	13367	10.364	0.07753	13360	13375
Y_3600	360.073 { 9	Cts/S	47385	26.27	0.05544	47367	47404
Y_3710	371.030 { 9	Cts/S	8170.4	44.831	0.5487	8138.7	8202.1

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0005	151.2	0	0.0007
Al3082	308.215 {1	In2306	ppm	-0.015	0.0028	18.88	-0.017	-0.013
As1890	189.042 {4	Y_2243	ppm	0.0024	0.0024	99.73	0.0007	0.0041
B_2496	249.678 {1	Y_3710	ppm	-0.0054	0.0076	141.9	-0.0108	0
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0	0.294	0.001	0.001
Be3130	313.042 {1	Y_3710	ppm	0.0004	0	11.04	0.0003	0.0004
Ca3158	315.887 {1	In2306	ppm	0.8425	0.0019	0.2203	0.8412	0.8438
Ca3181	318.128 {1	In2306	ppm	0.9281	0.0455	4.903	0.8959	0.9603
Cd2288	228.802 {4	Y_2243	ppm	0.0008	0.0011	135.2	0	0.0016
Co2286	228.616 {4	In2306	ppm	0.002	0.0025	126.4	0.0002	0.0038
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0.0002	25.95	-0.0009	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0001	0.0003	301.3	0.0001	-0.0003
Fe2404	240.488 {1	In2306	ppm	0.0613	0.0176	28.68	0.0489	0.0738
K_7664	766.490 { 4	Y_3710	ppm	7.486	0.1579	2.11	7.597	7.374
K_7698	769.896 { 4	Y_3710	ppm	7.454	0.1621	2.175	7.569	7.34
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0001	55.75	-0.0001	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0918	0.0553	60.25	0.0527	0.1309
Mn2576	257.610 {1	Y_3600	ppm	0.0012	0.0001	5.826	0.0013	0.0012
Mn2576-2	257.610 {1	Y_3710	ppm	0.0031	0.0001	3.349	0.0031	0.003
Mo2020	202.030 {4	Y_2243	ppm	0.0045	0.0037	83.25	0.0018	0.0071
Na5895	589.592 { 5	Y_3710	ppm	33.51	0.7713	2.302	34.06	32.96
Na8183	818.326 { 4	Y_3710	ppm	33.08	0.2929	0.8853	33.29	32.87
Ni2316	231.604 {4	In2306	ppm	0.0024	0.0025	106.2	0.0006	0.0041
P_1782	178.284 {4	In2306	ppm	0.1307	0.0004	0.278	0.1304	0.131
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0005	41.83	0.0009	0.0017
S_1820	182.034 {4	Y_2243	ppm	-111.2	0.3216	0.2893	-111.4	-110.9
Sb2068	206.833 {4	Y_2243	ppm	0.0104	0.0017	16.01	0.0093	0.0116
Se1960	196.090 {4	Y_2243	ppm	0.0024	0.0023	96.26	0.0008	0.004
Si2516	251.611 {1	Y_3710	ppm	0.0573	0.0015	2.598	0.0562	0.0583
Sn1899	189.989 {4	In2306	ppm	0.0028	0.0028	99.69	0.0008	0.0049
Sr4215	421.552 { 8	Y_3710	ppm	0.0043	0.0002	3.576	0.0044	0.0042
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0008	133.3	0	0.0011
Tl1908	190.856 {4	In2306	ppm	0.0092	0.0054	58.48	0.0054	0.013
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0004	48.92	0.0012	0.0006
Zn2062	206.200 {4	In2306	ppm	0.006	0.0025	41.15	0.0043	0.0078

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.793	0.03213	0.05863	54.816	54.77
In2306	230.606 {4	Cts/S	9221.8	26.558	0.288	9240.6	9203
Y_2243	224.306 {4	Cts/S	13314	45.127	0.33894	13346	13282
Y_3600	360.073 { 9	Cts/S	48897	83.211	0.17018	48838	48956
Y_3710	371.030 { 9	Cts/S	8358.9	51.685	0.61832	8322.4	8395.5

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 10:57:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	196.1	-0.0002	0
Al3082	308.215 {1	In2306	ppm	0.2209	0.0121	5.473	0.2294	0.2123
As1890	189.042 {4	Y_2243	ppm	0.0026	0.0002	7.71	0.0027	0.0024
B_2496	249.678 {1	Y_3710	ppm	0.1007	0.0043	4.305	0.0977	0.1038
Ba4554	455.403 { 7	Y_3710	ppm	0.0595	0.0001	0.2479	0.0596	0.0594
Be3130	313.042 {1	Y_3710	ppm	0	0	347.5	0	0
Ca3158	315.887 {1	In2306	ppm	17.8	0.2016	1.132	17.66	17.95
Ca3181	318.128 {1	In2306	ppm	17.35	0.3568	2.057	17.1	17.6
Cd2288	228.802 {4	Y_2243	ppm	0	0	1407	0	0
Co2286	228.616 {4	In2306	ppm	0.0003	0.0002	47.15	0.0002	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0	0	125.9	0	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0018	0.0003	17.22	0.002	0.0016
Fe2404	240.488 {1	In2306	ppm	0.1822	0.007	3.834	0.1772	0.1871
K_7664	766.490 { 4	Y_3710	ppm	5.165	0.0446	0.8634	5.196	5.133
K_7698	769.896 { 4	Y_3710	ppm	5.064	0.0852	1.683	5.124	5.003
Li6707	670.784 { 5	Y_3710	ppm	0.0042	0	0.8605	0.0042	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.155	0.0779	3.615	2.21	2.1
Mn2576	257.610 {1	Y_3600	ppm	0.0181	0.0003	1.781	0.0183	0.0178
Mn2576-2	257.610 {1	Y_3710	ppm	0.0189	0.0002	0.8093	0.0188	0.019
Mo2020	202.030 {4	Y_2243	ppm	0.0018	0	1.533	0.0018	0.0019
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	69.86
Na8183	818.326 { 4	Y_3710	ppm	68.75	0.0121	0.0177	68.74	68.76
Ni2316	231.604 {4	In2306	ppm	0.0013	0.0001	7.563	0.0014	0.0013
P_1782	178.284 {4	In2306	ppm	0.1292	0.0039	3.05	0.132	0.1264
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0014	494.8	0.0007	-0.0012
S_1820	182.034 {4	Y_2243	ppm	-166.4	5.239	3.149	-170.1	-162.6
Sb2068	206.833 {4	Y_2243	ppm	-0.0006	0.0015	248.7	0.0005	-0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0005	40.32	0.0009	0.0016
Si2516	251.611 {1	Y_3710	ppm	1.538	0.014	0.9108	1.528	1.548
Sn1899	189.989 {4	In2306	ppm	0	0.0003	624.3	-0.0003	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.1031	0.0002	0.1697	0.1033	0.103
Ti3349	334.904 {1	Y_3600	ppm	0.0032	0.001	30.22	0.0038	0.0025
Tl1908	190.856 {4	In2306	ppm	0.0029	0.0001	1.959	0.0028	0.0029
V_2924	292.402 {1	Y_3600	ppm	0.0036	0.0005	12.93	0.0032	0.0039
Zn2062	206.200 {4	In2306	ppm	0.0053	0	0.7987	0.0053	0.0053

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.435	0.13164	0.24635	53.528	53.342
In2306	230.606 {4	Cts/S	8997.1	196.59	2.185	8858.1	9136.1
Y_2243	224.306 {4	Cts/S	13228	308.12	2.3292	13010	13446
Y_3600	360.073 { 9	Cts/S	48717	503.45	1.0334	48361	49073
Y_3710	371.030 { 9	Cts/S	8217.6	39.406	0.47953	8189.8	8245.5

[Sample Header]
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Custom ID3=
Run Time=1/26/2012 10:59:43
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	285.1	0.0001	-0.0002
Al3082	308.215 {1	In2306	ppm	0.226	0.0546	24.15	0.2646	0.1874
As1890	189.042 {4	Y_2243	ppm	0.0017	0.0003	17.48	0.0015	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0941	0.0048	5.089	0.0975	0.0907
Ba4554	455.403 { 7	Y_3710	ppm	0.0616	0.0035	5.746	0.0591	0.0641
Be3130	313.042 {1	Y_3710	ppm	0	0	7.075	0	0
Ca3158	315.887 {1	In2306	ppm	18.42	1.108	6.013	17.64	19.2
Ca3181	318.128 {1	In2306	ppm	18.1	1.068	5.901	17.34	18.85
Cd2288	228.802 {4	Y_2243	ppm	0	0	623.9	0	0
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	27.55	0.0003	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	109.2	0	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.002	0.0005	24.01	0.0023	0.0017
Fe2404	240.488 {1	In2306	ppm	0.1583	0.0068	4.328	0.1631	0.1534
K_7664	766.490 { 4	Y_3710	ppm	5.318	0.1899	3.571	5.184	5.452
K_7698	769.896 { 4	Y_3710	ppm	5.269	0.2255	4.279	5.11	5.429
Li6707	670.784 { 5	Y_3710	ppm	0.0042	0.0004	10.27	0.0039	0.0045
Mg2790	279.079 {1	Y_3710	ppm	2.233	0.135	6.047	2.138	2.329
Mn2576	257.610 {1	Y_3600	ppm	0.0171	0.0002	0.8889	0.0172	0.017
Mn2576-2	257.610 {1	Y_3710	ppm	0.0196	0.0004	2.031	0.0199	0.0193
Mo2020	202.030 {4	Y_2243	ppm	0.0016	0.0003	15.48	0.0018	0.0015
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	67.99
Na8183	818.326 { 4	Y_3710	ppm	71.26	3.256	4.569	68.96	73.57
Ni2316	231.604 {4	In2306	ppm	0.0014	0.0001	8.023	0.0015	0.0013
P_1782	178.284 {4	In2306	ppm	0.1305	0	0.0309	0.1305	0.1306
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0004	275.6	-0.0005	0.0001
S_1820	182.034 {4	Y_2243	ppm	-168	0.3642	0.2168	-168.2	-167.7
Sb2068	206.833 {4	Y_2243	ppm	-0.0028	0.001	36.56	-0.0035	-0.002
Se1960	196.090 {4	Y_2243	ppm	0.0027	0.0004	16.18	0.003	0.0024
Si2516	251.611 {1	Y_3710	ppm	1.519	0.0777	5.111	1.464	1.574
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0006	872.4	0.0004	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.1066	0.0063	5.953	0.1021	0.111
Ti3349	334.904 {1	Y_3600	ppm	0.002	0.0002	10.81	0.0019	0.0022
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0004	27.06	0.0019	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0036	0	0.4624	0.0035	0.0036
Zn2062	206.200 {4	In2306	ppm	0.0049	0	0.0848	0.0049	0.0049

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.362	2.2491	4.3789	52.953	49.772
In2306	230.606 {4	Cts/S	8837.8	13.323	0.15075	8828.4	8847.2
Y_2243	224.306 {4	Cts/S	12975	3.6578	0.02819	12972	12977
Y_3600	360.073 { 9	Cts/S	48701	281.48	0.57797	48502	48900
Y_3710	371.030 { 9	Cts/S	7987.2	355.12	4.4461	8238.3	7736.1

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Run Time=1/26/2012 11:02:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4765	0.002	0.4287	0.475	0.4779
Al3082	308.215 {1	In2306	ppm	10.05	0.1555	1.547	10.16	9.943
As1890	189.042 {4	Y_2243	ppm	1.009	0.0048	0.4723	1.012	1.006
B_2496	249.678 {1	Y_3710	ppm	1.036	0.0144	1.388	1.046	1.026
Ba4554	455.403 { 7	Y_3710	ppm	0.9994	0.0296	2.957	1.02	0.9785
Be3130	313.042 {1	Y_3710	ppm	0.4671	0.0122	2.62	0.4757	0.4584
Ca3158	315.887 {1	In2306	ppm	27.12	0.0302	0.1113	27.1	27.14
Ca3181	318.128 {1	In2306	ppm	26.59	0.2721	1.023	26.4	26.78
Cd2288	228.802 {4	Y_2243	ppm	0.4868	0.0023	0.4727	0.4884	0.4851
Co2286	228.616 {4	In2306	ppm	0.9704	0.0017	0.1758	0.9716	0.9692
Cr2677	267.716 {1	Y_3600	ppm	0.8935	0.008	0.8911	0.8991	0.8879
Cu3247	324.754 {1	Y_3600	ppm	0.9502	0.0064	0.6709	0.9457	0.9548
Fe2404	240.488 {1	In2306	ppm	9.604	0.0068	0.0704	9.599	9.608
K_7664	766.490 { 4	Y_3710	ppm	15.42	0.5802	3.762	15.83	15.01
K_7698	769.896 { 4	Y_3710	ppm	15.7	0.6133	3.907	16.13	15.26
Li6707	670.784 { 5	Y_3710	ppm	0.5397	0.0249	4.617	0.5573	0.5221
Mg2790	279.079 {1	Y_3710	ppm	11.21	0.2392	2.134	11.38	11.04
Mn2576	257.610 {1	Y_3600	ppm	0.9158	0.0024	0.2581	0.9175	0.9142
Mn2576-2	257.610 {1	Y_3710	ppm	0.9323	0.0256	2.745	0.9504	0.9142
Mo2020	202.030 {4	Y_2243	ppm	1.007	0.0057	0.5675	1.011	1.002
Na5895	589.592 { 5	Y_3710	ppm	78.31	4.449	5.682	81.45	75.16
Na8183	818.326 { 4	Y_3710	ppm	77.81	2.319	2.98	79.45	76.17
Ni2316	231.604 {4	In2306	ppm	0.9833	0.003	0.3041	0.9855	0.9812
P_1782	178.284 {4	In2306	ppm	0.1316	0.002	1.526	0.133	0.1301
Pb2203	220.353 {4	In2306	ppm	0.9671	0.0018	0.1888	0.9684	0.9659
S_1820	182.034 {4	Y_2243	ppm	-167.2	0.3765	0.2251	-167.5	-166.9
Sb2068	206.833 {4	Y_2243	ppm	0.9843	0.0087	0.8878	0.9905	0.9781
Se1960	196.090 {4	Y_2243	ppm	1.033	0.0042	0.4029	1.036	1.03
Si2516	251.611 {1	Y_3710	ppm	2.293	0.0893	3.896	2.356	2.229
Sn1899	189.989 {4	In2306	ppm	0.9631	0.0015	0.1507	0.9642	0.9621
Sr4215	421.552 { 8	Y_3710	ppm	0.583	0.0182	3.122	0.5959	0.5702
Ti3349	334.904 {1	Y_3600	ppm	0.8911	0.0029	0.3301	0.8932	0.889
Tl1908	190.856 {4	In2306	ppm	0.9435	0.0132	1.395	0.9528	0.9342
V_2924	292.402 {1	Y_3600	ppm	0.892	0.0001	0.0163	0.8919	0.8921
Zn2062	206.200 {4	In2306	ppm	0.9712	0.0019	0.1928	0.9725	0.9698

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.323	0.22278	0.41779	53.48	53.165
In2306	230.606 {4	Cts/S	8603	11.247	0.13073	8595.1	8611
Y_2243	224.306 {4	Cts/S	12999	36.962	0.28434	12973	13026
Y_3600	360.073 { 9	Cts/S	48593	72.016	0.1482	48644	48542
Y_3710	371.030 { 9	Cts/S	8260.7	185.39	2.2442	8129.6	8391.8

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:04:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4826	0.0036	0.7393	0.4851	0.4801
Al3082	308.215 {1	In2306	ppm	10.3	0.2464	2.391	10.13	10.48
As1890	189.042 {4	Y_2243	ppm	1.028	0.0013	0.1311	1.029	1.027
B_2496	249.678 {1	Y_3710	ppm	1.063	0.0114	1.075	1.071	1.055
Ba4554	455.403 { 7	Y_3710	ppm	1.03	0.0004	0.0356	1.031	1.03
Be3130	313.042 {1	Y_3710	ppm	0.4802	0.0009	0.1962	0.4796	0.4809
Ca3158	315.887 {1	In2306	ppm	27.47	0.9017	3.283	26.83	28.1
Ca3181	318.128 {1	In2306	ppm	26.9	0.8594	3.195	26.29	27.5
Cd2288	228.802 {4	Y_2243	ppm	0.4946	0.0002	0.0314	0.4947	0.4945
Co2286	228.616 {4	In2306	ppm	0.9826	0.001	0.101	0.9819	0.9833
Cr2677	267.716 {1	Y_3600	ppm	0.899	0.002	0.2231	0.9004	0.8975
Cu3247	324.754 {1	Y_3600	ppm	0.9663	0.0066	0.6783	0.971	0.9617
Fe2404	240.488 {1	In2306	ppm	9.794	0.2929	2.99	9.587	10
K_7664	766.490 { 4	Y_3710	ppm	15.58	0.1739	1.116	15.71	15.46
K_7698	769.896 { 4	Y_3710	ppm	15.9	0.114	0.7171	15.98	15.82
Li6707	670.784 { 5	Y_3710	ppm	0.5516	0.0049	0.8955	0.5551	0.5481
Mg2790	279.079 {1	Y_3710	ppm	11.6	0.1685	1.452	11.48	11.72
Mn2576	257.610 {1	Y_3600	ppm	0.9252	0.0025	0.2738	0.927	0.9234
Mn2576-2	257.610 {1	Y_3710	ppm	0.958	0.0082	0.8526	0.9522	0.9637
Mo2020	202.030 {4	Y_2243	ppm	1.03	0.0021	0.2006	1.031	1.028
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	82.42	^ -----
Na8183	818.326 { 4	Y_3710	ppm	78.65	0.2459	0.3126	78.82	78.48
Ni2316	231.604 {4	In2306	ppm	0.9963	0.0022	0.2244	0.9947	0.9979
P_1782	178.284 {4	In2306	ppm	0.1318	0.0002	0.1649	0.1316	0.1319
Pb2203	220.353 {4	In2306	ppm	0.9797	0.0015	0.1575	0.9786	0.9808
S_1820	182.034 {4	Y_2243	ppm	-167	0.0544	0.0326	-167	-167
Sb2068	206.833 {4	Y_2243	ppm	1.01	0.0035	0.3471	1.013	1.008
Se1960	196.090 {4	Y_2243	ppm	1.051	0.002	0.1885	1.05	1.053
Si2516	251.611 {1	Y_3710	ppm	2.375	0.0122	0.5129	2.384	2.367
Sn1899	189.989 {4	In2306	ppm	0.9749	0.0021	0.2124	0.9734	0.9763
Sr4215	421.552 { 8	Y_3710	ppm	0.6	0.0002	0.0328	0.6001	0.5999
Ti3349	334.904 {1	Y_3600	ppm	0.8942	0.0033	0.3746	0.8966	0.8919
Tl1908	190.856 {4	In2306	ppm	0.9606	0.0071	0.7396	0.9656	0.9556
V_2924	292.402 {1	Y_3600	ppm	0.9035	0.0061	0.6733	0.9078	0.8992
Zn2062	206.200 {4	In2306	ppm	0.9773	0.0027	0.2712	0.9754	0.9792

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.926	1.3158	2.4861	53.857	51.996
In2306	230.606 {4	Cts/S	8569.6	0.90258	0.01053	8569	8570.2
Y_2243	224.306 {4	Cts/S	12897	13.773	0.10679	12887	12907
Y_3600	360.073 { 9	Cts/S	48777	122.7	0.25154	48691	48864
Y_3710	371.030 { 9	Cts/S	8123.8	2.6211	0.03226	8122	8125.7

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:07:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4854	0.0012	0.2564	0.4845	0.4863
Al3082	308.215 {1	In2306	ppm	10.95	0.0649	0.5924	10.91	11
As1890	189.042 {4	Y_2243	ppm	1.049	0.0041	0.3886	1.052	1.046
B_2496	249.678 {1	Y_3710	ppm	1.103	0.0253	2.291	1.121	1.086
Ba4554	455.403 { 7	Y_3710	ppm	1.07	0.0207	1.937	1.085	1.055
Be3130	313.042 {1	Y_3710	ppm	0.4929	0.0127	2.57	0.5018	0.4839
Ca3158	315.887 {1	In2306	ppm	29.03	0.1595	0.5495	28.92	29.14
Ca3181	318.128 {1	In2306	ppm	28.29	0.325	1.149	28.06	28.52
Cd2288	228.802 {4	Y_2243	ppm	0.5065	0.0001	0.0154	0.5065	0.5064
Co2286	228.616 {4	In2306	ppm	0.9938	0.0027	0.2723	0.9919	0.9957
Cr2677	267.716 {1	Y_3600	ppm	0.9272	0.0025	0.2716	0.9254	0.9289
Cu3247	324.754 {1	Y_3600	ppm	0.9763	0.0006	0.0623	0.9767	0.9759
Fe2404	240.488 {1	In2306	ppm	10.32	0.1105	1.071	10.24	10.39
K_7664	766.490 { 4	Y_3710	ppm	16.23	0.2335	1.438	16.4	16.07
K_7698	769.896 { 4	Y_3710	ppm	16.56	0.3063	1.849	16.78	16.34
Li6707	670.784 { 5	Y_3710	ppm	1.148	0.0147	1.28	1.159	1.138
Mg2790	279.079 {1	Y_3710	ppm	11.94	0.3451	2.89	12.19	11.7
Mn2576	257.610 {1	Y_3600	ppm	0.9577	0.0019	0.2023	0.9563	0.959
Mn2576-2	257.610 {1	Y_3710	ppm	1.005	0.0216	2.145	1.02	0.99
Mo2020	202.030 {4	Y_2243	ppm	1.041	0.0005	0.0511	1.041	1.04
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	84.71	^ -----
Na8183	818.326 { 4	Y_3710	ppm	80.76	1.6	1.981	81.89	79.63
Ni2316	231.604 {4	In2306	ppm	1.02	0.0035	0.3455	1.018	1.023
P_1782	178.284 {4	In2306	ppm	1.175	0.0027	0.2303	1.177	1.173
Pb2203	220.353 {4	In2306	ppm	1.001	0.0061	0.6129	0.9968	1.005
S_1820	182.034 {4	Y_2243	ppm	-168.4	0.4447	0.2641	-168.7	-168.1
Sb2068	206.833 {4	Y_2243	ppm	1.052	0.0047	0.4476	1.056	1.049
Se1960	196.090 {4	Y_2243	ppm	1.055	0.0025	0.239	1.057	1.053
Si2516	251.611 {1	Y_3710	ppm	2.482	0.0576	2.32	2.523	2.441
Sn1899	189.989 {4	In2306	ppm	0.9811	0.0042	0.4302	0.9781	0.9841
Sr4215	421.552 { 8	Y_3710	ppm	0.6194	0.0119	1.919	0.6278	0.611
Ti3349	334.904 {1	Y_3600	ppm	0.9137	0.0054	0.5892	0.9099	0.9175
Tl1908	190.856 {4	In2306	ppm	0.9975	0.0022	0.2193	0.996	0.9991
V_2924	292.402 {1	Y_3600	ppm	0.9108	0.0034	0.3752	0.9084	0.9132
Zn2062	206.200 {4	In2306	ppm	1	0.0062	0.6174	0.9958	1.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.667	0.85224	1.6821	51.269	50.064
In2306	230.606 {4	Cts/S	8513.8	3.6234	0.04256	8516.4	8511.3
Y_2243	224.306 {4	Cts/S	12820	30.128	0.235	12799	12841
Y_3600	360.073 { 9	Cts/S	48880	172.82	0.35356	49002	48758
Y_3710	371.030 { 9	Cts/S	7995.1	151.44	1.8942	7888	8102.2

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:09:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2479	0.0097	3.899	0.2548	0.2411
Al3082	308.215 {1	In2306	ppm	2.562	0.1797	7.015	2.435	2.689
As1890	189.042 {4	Y_2243	ppm	0.5089	0.0021	0.4095	0.5074	0.5104
B_2496	249.678 {1	Y_3710	ppm	0.4834	0.0023	0.468	0.485	0.4818
Ba4554	455.403 { 7	Y_3710	ppm	0.4909	0.0012	0.2432	0.4901	0.4918
Be3130	313.042 {1	Y_3710	ppm	0.4847	0.0006	0.1264	0.4851	0.4842
Ca3158	315.887 {1	In2306	ppm	12.42	0.6309	5.08	11.97	12.86
Ca3181	318.128 {1	In2306	ppm	12.11	0.7175	5.924	11.6	12.62
Cd2288	228.802 {4	Y_2243	ppm	0.4976	0.0005	0.0961	0.4972	0.4979
Co2286	228.616 {4	In2306	ppm	0.4907	0.0004	0.0901	0.4904	0.491
Cr2677	267.716 {1	Y_3600	ppm	0.4814	0.0223	4.634	0.4972	0.4657
Cu3247	324.754 {1	Y_3600	ppm	0.4951	0.0184	3.719	0.5081	0.4821
Fe2404	240.488 {1	In2306	ppm	2.462	0.1532	6.221	2.354	2.571
K_7664	766.490 { 4	Y_3710	ppm	12.9	0.0327	0.2533	12.88	12.92
K_7698	769.896 { 4	Y_3710	ppm	13.09	0.0539	0.4115	13.05	13.13
Li6707	670.784 { 5	Y_3710	ppm	0.5304	0.0039	0.743	0.5276	0.5332
Mg2790	279.079 {1	Y_3710	ppm	4.718	0.0482	1.022	4.752	4.684
Mn2576	257.610 {1	Y_3600	ppm	0.4867	0.0204	4.197	0.5011	0.4722
Mn2576-2	257.610 {1	Y_3710	ppm	0.4794	0.0024	0.4987	0.4777	0.4811
Mo2020	202.030 {4	Y_2243	ppm	0.527	0.0031	0.5941	0.5248	0.5292
Na5895	589.592 { 5	Y_3710	ppm	13.01	0.0832	0.6392	12.96	13.07
Na8183	818.326 { 4	Y_3710	ppm	12.65	0.0711	0.5619	12.6	12.7
Ni2316	231.604 {4	In2306	ppm	0.4978	0.0001	0.0221	0.4977	0.4978
P_1782	178.284 {4	In2306	ppm	0.0013	0.0017	126.1	0.0001	0.0025
Pb2203	220.353 {4	In2306	ppm	0.4944	0.0012	0.2507	0.4935	0.4952
S_1820	182.034 {4	Y_2243	ppm	-22.5	0.2999	1.333	-22.29	-22.71
Sb2068	206.833 {4	Y_2243	ppm	0.514	0.0001	0.02	0.5141	0.5139
Se1960	196.090 {4	Y_2243	ppm	0.5231	0.0005	0.0986	0.5235	0.5227
Si2516	251.611 {1	Y_3710	ppm	0.8076	0.0176	2.175	0.7952	0.82
Sn1899	189.989 {4	In2306	ppm	0.4922	0.001	0.1978	0.4915	0.4929
Sr4215	421.552 { 8	Y_3710	ppm	0.2549	0.0008	0.3278	0.2543	0.2555
Ti3349	334.904 {1	Y_3600	ppm	0.4792	0.02	4.165	0.4933	0.4651
Tl1908	190.856 {4	In2306	ppm	0.4891	0.0083	1.687	0.495	0.4833
V_2924	292.402 {1	Y_3600	ppm	0.4788	0.0162	3.376	0.4902	0.4673
Zn2062	206.200 {4	In2306	ppm	0.4827	0.0002	0.0489	0.4825	0.4829

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.048	3.0227	5.5926	56.186	51.911
In2306	230.606 {4	Cts/S	9163.2	24.605	0.26852	9180.6	9145.8
Y_2243	224.306 {4	Cts/S	13309	54.118	0.40663	13347	13271
Y_3600	360.073 { 9	Cts/S	46883	1361.2	2.9033	45920	47845
Y_3710	371.030 { 9	Cts/S	8307	7.2926	0.08779	8312.1	8301.8

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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.005	0.0009	18.29	0.0056	0.0043
Al3082	308.215 {1	In2306	ppm	0.1392	0.0378	27.18	0.1124	0.166
As1890	189.042 {4	Y_2243	ppm	0.0107	0.001	8.93	0.0114	0.01
B_2496	249.678 {1	Y_3710	ppm	0.0015	0.0085	580.9	0.0075	-0.0046
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0001	1.135	0.0096	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	2.932	0.0047	0.0049
Ca3158	315.887 {1	In2306	ppm	0.0891	0.0204	22.95	0.1035	0.0746
Ca3181	318.128 {1	In2306	ppm	0.1501	0.0325	21.63	0.1271	0.173
Cd2288	228.802 {4	Y_2243	ppm	0.0055	0.0008	14.28	0.0049	0.006
Co2286	228.616 {4	In2306	ppm	0.0103	0.0008	7.281	0.0098	0.0109
Cr2677	267.716 {1	Y_3600	ppm	0.0094	0.0002	1.883	0.0093	0.0095
Cu3247	324.754 {1	Y_3600	ppm	0.0101	0.0005	5.234	0.0105	0.0097
Fe2404	240.488 {1	In2306	ppm	0.0799	0.0191	23.86	0.0664	0.0934
K_7664	766.490 { 4	Y_3710	ppm	0.6522	0.0005	0.0777	0.6526	0.6518
K_7698	769.896 { 4	Y_3710	ppm	0.4769	0.0355	7.451	0.502	0.4518
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0	0.4266	0.0101	0.0101
Mg2790	279.079 {1	Y_3710	ppm	0.0694	0.0115	16.57	0.0776	0.0613
Mn2576	257.610 {1	Y_3600	ppm	0.0096	0.0001	1.225	0.0095	0.0097
Mn2576-2	257.610 {1	Y_3710	ppm	0.0106	0.0015	14.33	0.0095	0.0117
Mo2020	202.030 {4	Y_2243	ppm	0.0125	0.0014	11.19	0.0115	0.0135
Na5895	589.592 { 5	Y_3710	ppm	0.6741	0.0031	0.4616	0.6763	0.6719
Na8183	818.326 { 4	Y_3710	ppm	0.5191	0.0255	4.92	0.5371	0.501
Ni2316	231.604 {4	In2306	ppm	0.0109	0.0004	3.833	0.0106	0.0112
P_1782	178.284 {4	In2306	ppm	0.0101	0.0016	15.53	0.0112	0.009
Pb2203	220.353 {4	In2306	ppm	0.01	0.002	19.99	0.0086	0.0114
S_1820	182.034 {4	Y_2243	ppm	0.1861	0.0626	33.65	0.1418	0.2304
Sb2068	206.833 {4	Y_2243	ppm	0.0171	0.0004	2.427	0.0174	0.0169
Se1960	196.090 {4	Y_2243	ppm	0.0119	0.0003	2.888	0.0117	0.0122
Si2516	251.611 {1	Y_3710	ppm	-0.0239	0.0053	22.22	-0.0276	-0.0201
Sn1899	189.989 {4	In2306	ppm	0.0106	0.0009	8.212	0.01	0.0112
Sr4215	421.552 { 8	Y_3710	ppm	0.005	0	0.7095	0.005	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0002	1.938	0.01	0.0103
Tl1908	190.856 {4	In2306	ppm	0.0149	0.0011	7.11	0.0141	0.0156
V_2924	292.402 {1	Y_3600	ppm	0.0096	0.0002	1.795	0.0094	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0088	0.0006	6.872	0.0084	0.0092

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.478	0.09554	0.18207	52.545	52.41
In2306	230.606 {4	Cts/S	9743.4	19.366	0.19876	9757.1	9729.7
Y_2243	224.306 {4	Cts/S	13593	20.835	0.15328	13608	13579
Y_3600	360.073 { 9	Cts/S	47132	128.73	0.27313	47041	47223
Y_3710	371.030 { 9	Cts/S	8447.2	34.4	0.40723	8422.9	8471.5

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0008	0.0002	31.29	0.001	0.0006
Al3082	308.215 {1	In2306	ppm	0.0011	0.0267	2425	0.02	-0.0178
As1890	189.042 {4	Y_2243	ppm	-0.0016	0.0007	46.88	-0.0021	-0.001
B_2496	249.678 {1	Y_3710	ppm	0.0004	0.0006	126.1	0	0.0009
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0003	284.1	0.0003	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	78.49	0.0001	0
Ca3158	315.887 {1	In2306	ppm	-0.0335	0.0059	17.62	-0.0376	-0.0293
Ca3181	318.128 {1	In2306	ppm	0.0427	0.0618	144.5	0.0864	-0.0009
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	404.3	0	0
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	14.19	0.0003	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0003	151.6	0	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0014	0	0.8147	0.0014	0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0145	0.0062	42.95	-0.0189	-0.0101
K_7664	766.490 { 4	Y_3710	ppm	0.0329	0.0066	19.93	0.0375	0.0282
K_7698	769.896 { 4	Y_3710	ppm	-0.1137	0.0111	9.787	-0.1059	-0.1216
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0002	84.64	0.0004	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0182	0.0448	246.1	0.0135	-0.0499
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	35.34	-0.0001	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0013	0.0004	34.41	-0.001	-0.0016
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	41.06	0.0003	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.0218	0.0018	8.07	0.0206	0.0231
Na8183	818.326 { 4	Y_3710	ppm	0.0062	0.0175	283.8	-0.0062	0.0186
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	113.4	0	0.0003
P_1782	178.284 {4	In2306	ppm	0.0007	0.0004	53.54	0.0004	0.0009
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.001	789.6	-0.0008	0.0006
S_1820	182.034 {4	Y_2243	ppm	0.1487	0.037	24.86	0.1225	0.1748
Sb2068	206.833 {4	Y_2243	ppm	-0.0001	0.0003	253.1	-0.0004	0.0001
Se1960	196.090 {4	Y_2243	ppm	0.0011	0.0006	55.3	0.0006	0.0015
Si2516	251.611 {1	Y_3710	ppm	-0.0052	0.019	367.1	-0.0186	0.0083
Sn1899	189.989 {4	In2306	ppm	0	0.0002	942.5	-0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0	162.7	0	0
Ti3349	334.904 {1	Y_3600	ppm	0	0.0007	2154	-0.0005	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0017	0.0005	32.84	0.0013	0.0021
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0003	67.54	0.0007	0.0003
Zn2062	206.200 {4	In2306	ppm	-0.0009	0	3.995	-0.0009	-0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.103	0.69072	1.2767	53.615	54.592
In2306	230.606 {4	Cts/S	9764.3	2.2459	0.023	9762.7	9765.8
Y_2243	224.306 {4	Cts/S	13571	8.4258	0.06208	13566	13577
Y_3600	360.073 { 9	Cts/S	46797	339.4	0.72527	46557	47037
Y_3710	371.030 { 9	Cts/S	8342.7	18.708	0.22424	8329.5	8356

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Custom ID3=
Run Time=1/26/2012 11:17:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0	2.92	0.0007	0.0007
Al3082	308.215 {1	In2306	ppm	0.0573	0.0331	57.79	0.0807	0.0339
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0001	12.17	0.0012	0.001
B_2496	249.678 {1	Y_3710	ppm	0.011	0.0071	64.47	0.006	0.016
Ba4554	455.403 { 7	Y_3710	ppm	0.0121	0	0.0932	0.0121	0.0121
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	60.26	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	3.576	0.091	2.544	3.64	3.512
Ca3181	318.128 {1	In2306	ppm	3.543	0.0762	2.152	3.597	3.489
Cd2288	228.802 {4	Y_2243	ppm	0	0	207.1	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0	131.6	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	147.1	0.0002	0
Cu3247	324.754 {1	Y_3600	ppm	0.0004	0.0005	101.9	0.0008	0.0001
Fe2404	240.488 {1	In2306	ppm	0.0414	0.0003	0.8398	0.0411	0.0416
K_7664	766.490 { 4	Y_3710	ppm	0.9954	0.0391	3.932	0.9677	1.023
K_7698	769.896 { 4	Y_3710	ppm	0.8361	0.0066	0.7856	0.8315	0.8408
Li6707	670.784 { 5	Y_3710	ppm	0.0007	0.0006	91.12	0.0011	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.4819	0.0027	0.568	0.48	0.4838
Mn2576	257.610 {1	Y_3600	ppm	0.0034	0.0001	3.12	0.0035	0.0033
Mn2576-2	257.610 {1	Y_3710	ppm	0.0051	0.0004	7.621	0.0053	0.0048
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	21.61	0.0003	0.0002
Na5895	589.592 { 5	Y_3710	ppm	13.9	0.4078	2.934	13.61	14.19
Na8183	818.326 { 4	Y_3710	ppm	13.49	0.323	2.394	13.26	13.72
Ni2316	231.604 {4	In2306	ppm	0.0005	0.0001	12.44	0.0004	0.0005
P_1782	178.284 {4	In2306	ppm	0.0239	0.0011	4.617	0.0246	0.0231
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0006	78.97	-0.0003	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-33.03	0.2131	0.6451	-33.18	-32.88
Sb2068	206.833 {4	Y_2243	ppm	-0.001	0	0.8545	-0.001	-0.001
Se1960	196.090 {4	Y_2243	ppm	0	0.0006	1680	0.0005	-0.0004
Si2516	251.611 {1	Y_3710	ppm	0.2757	0.0086	3.126	0.2818	0.2696
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0003	139	0	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.0209	0.0003	1.653	0.0206	0.0211
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0007	235.8	0.0007	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0006	47.21	0.0017	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0017	0.0005	27.84	0.0014	0.0021
Zn2062	206.200 {4	In2306	ppm	0.0059	0.0001	0.8909	0.006	0.0059

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.751	0.79604	1.4539	54.188	55.314
In2306	230.606 {4	Cts/S	9427	35.165	0.37302	9402.2	9451.9
Y_2243	224.306 {4	Cts/S	13396	83.738	0.62508	13337	13455
Y_3600	360.073 { 9	Cts/S	48280	92.154	0.19087	48215	48345
Y_3710	371.030 { 9	Cts/S	8344.6	10.183	0.12203	8351.8	8337.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:20:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	58.08	0.0001	0.0002
Al3082	308.215 {1	In2306	ppm	-0.0004	0.0247	6037	-0.0178	0.017
As1890	189.042 {4	Y_2243	ppm	0.0001	0	71.73	0.0001	0
B_2496	249.678 {1	Y_3710	ppm	0.0138	0.0017	12.3	0.0126	0.015
Ba4554	455.403 { 7	Y_3710	ppm	0.0061	0.0001	1.539	0.0061	0.006
Be3130	313.042 {1	Y_3710	ppm	0.0003	0	4.306	0.0003	0.0003
Ca3158	315.887 {1	In2306	ppm	1.786	0.0393	2.203	1.814	1.758
Ca3181	318.128 {1	In2306	ppm	1.836	0.0098	0.5344	1.842	1.829
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	1.374	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0	57.36	0	0
Cr2677	267.716 {1	Y_3600	ppm	0	0.0001	399.2	-0.0001	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0005	0.0001	28.16	0.0006	0.0004
Fe2404	240.488 {1	In2306	ppm	0.0199	0.0132	66.29	0.0106	0.0293
K_7664	766.490 { 4	Y_3710	ppm	0.5246	0.0062	1.183	0.5202	0.529
K_7698	769.896 { 4	Y_3710	ppm	0.2928	0.0354	12.07	0.2678	0.3178
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0006	192.5	0.0007	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.2242	0.0381	16.97	0.1973	0.2512
Mn2576	257.610 {1	Y_3600	ppm	0.0017	0	2.243	0.0017	0.0016
Mn2576-2	257.610 {1	Y_3710	ppm	0.0015	0.0002	14.64	0.0013	0.0017
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0	36.25	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	ppm	7.12	0.0644	0.9039	7.075	7.166
Na8183	818.326 { 4	Y_3710	ppm	6.727	0.106	1.575	6.802	6.652
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0001	55.46	0.0003	0.0001
P_1782	178.284 {4	In2306	ppm	0.012	0.0001	1.057	0.0121	0.012
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0007	521.5	-0.0006	0.0004
S_1820	182.034 {4	Y_2243	ppm	-16.45	0.0422	0.2565	-16.48	-16.42
Sb2068	206.833 {4	Y_2243	ppm	-0.0003	0.0007	250.2	-0.0008	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0017	0.0012	71.43	0.0025	0.0008
Si2516	251.611 {1	Y_3710	ppm	0.1356	0.0271	19.96	0.1547	0.1164
Sn1899	189.989 {4	In2306	ppm	-0.0004	0	10.76	-0.0003	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0103	0.0001	0.7448	0.0103	0.0104
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0003	194.7	0.0004	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0003	21.03	0.0014	0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0008	0	0.7329	0.0008	0.0008
Zn2062	206.200 {4	In2306	ppm	0.0023	0	0.0287	0.0023	0.0023

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.179	0.47779	0.88186	53.841	54.517
In2306	230.606 {4	Cts/S	9539.6	54.924	0.57575	9500.8	9578.5
Y_2243	224.306 {4	Cts/S	13458	78.311	0.58188	13403	13514
Y_3600	360.073 { 9	Cts/S	48455	285.45	0.5891	48253	48657
Y_3710	371.030 { 9	Cts/S	8405	10.604	0.12616	8397.5	8412.5

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:22:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0005	179.9	-0.0006	0.0001
Al3082	308.215 {1	In2306	ppm	0.0533	0.0186	34.94	0.0665	0.0401
As1890	189.042 {4	Y_2243	ppm	-0.001	0.0007	63.77	-0.0015	-0.0006
B_2496	249.678 {1	Y_3710	ppm	0.0095	0.0085	88.78	0.0155	0.0035
Ba4554	455.403 { 7	Y_3710	ppm	0.0062	0.0001	2.114	0.0063	0.0061
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	157.9	0	0.0001
Ca3158	315.887 {1	In2306	ppm	1.742	0.0285	1.635	1.763	1.722
Ca3181	318.128 {1	In2306	ppm	1.801	0.0018	0.0989	1.802	1.8
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	137.5	0	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0	21.07	0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0005	200.8	-0.0006	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0009	0.0003	31.6	0.0007	0.0011
Fe2404	240.488 {1	In2306	ppm	0.0066	0.0022	32.76	0.0082	0.0051
K_7664	766.490 { 4	Y_3710	ppm	0.5317	0.0119	2.24	0.5233	0.5401
K_7698	769.896 { 4	Y_3710	ppm	0.2979	0.0165	5.53	0.2862	0.3095
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0002	48.71	0.0004	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.2133	0.0616	28.86	0.2569	0.1698
Mn2576	257.610 {1	Y_3600	ppm	0.0015	0	2.599	0.0015	0.0016
Mn2576-2	257.610 {1	Y_3710	ppm	0.0028	0.0003	11	0.0026	0.003
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0	34.2	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	ppm	7.134	0.1071	1.501	7.058	7.21
Na8183	818.326 { 4	Y_3710	ppm	6.765	0.1291	1.908	6.674	6.857
Ni2316	231.604 {4	In2306	ppm	0.0003	0	1.939	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	0.0115	0.0001	0.65	0.0116	0.0115
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0004	651.5	-0.0002	0.0004
S_1820	182.034 {4	Y_2243	ppm	-16.35	0.1123	0.6869	-16.43	-16.27
Sb2068	206.833 {4	Y_2243	ppm	-0.0017	0.0002	12.29	-0.0016	-0.0019
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0017	208.4	-0.0004	0.002
Si2516	251.611 {1	Y_3710	ppm	0.1259	0.0007	0.5181	0.1254	0.1263
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0004	114.8	-0.0001	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0103	0.0003	2.54	0.0102	0.0105
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0004	410.5	0.0003	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0005	0.001	217.7	0.0011	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0001	26.35	0.0004	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0024	0	1.125	0.0023	0.0024

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.146	0.07023	0.1297	54.096	54.196
In2306	230.606 {4	Cts/S	9529.7	15.473	0.16237	9518.7	9540.6
Y_2243	224.306 {4	Cts/S	13424	35.946	0.26778	13398	13449
Y_3600	360.073 { 9	Cts/S	48465	959.7	1.9802	49144	47787
Y_3710	371.030 { 9	Cts/S	8392.1	53.735	0.6403	8430.1	8354.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0462	0.0012	2.687	0.0453	0.047
Al3082	308.215 {1	In2306	ppm	0.9948	0.0553	5.561	1.034	0.9557
As1890	189.042 {4	Y_2243	ppm	0.0971	0.0014	1.396	0.0981	0.0962
B_2496	249.678 {1	Y_3710	ppm	0.0996	0.0054	5.434	0.0958	0.1035
Ba4554	455.403 { 7	Y_3710	ppm	0.098	0.0024	2.423	0.0997	0.0963
Be3130	313.042 {1	Y_3710	ppm	0.0456	0.0011	2.486	0.0464	0.0448
Ca3158	315.887 {1	In2306	ppm	2.609	0.0337	1.292	2.633	2.585
Ca3181	318.128 {1	In2306	ppm	2.568	0.0637	2.482	2.613	2.523
Cd2288	228.802 {4	Y_2243	ppm	0.0481	0.0011	2.323	0.0489	0.0473
Co2286	228.616 {4	In2306	ppm	0.0941	0.0018	1.929	0.0954	0.0928
Cr2677	267.716 {1	Y_3600	ppm	0.0895	0.0006	0.6955	0.0891	0.0899
Cu3247	324.754 {1	Y_3600	ppm	0.0903	0.0005	0.5453	0.09	0.0906
Fe2404	240.488 {1	In2306	ppm	0.9366	0.0094	1.002	0.93	0.9432
K_7664	766.490 { 4	Y_3710	ppm	1.467	0.0263	1.793	1.485	1.448
K_7698	769.896 { 4	Y_3710	ppm	1.294	0.0596	4.603	1.336	1.252
Li6707	670.784 { 5	Y_3710	ppm	0.0497	0.0009	1.781	0.0503	0.0491
Mg2790	279.079 {1	Y_3710	ppm	1.087	0.0732	6.731	1.139	1.035
Mn2576	257.610 {1	Y_3600	ppm	0.093	0.0007	0.7211	0.0925	0.0934
Mn2576-2	257.610 {1	Y_3710	ppm	0.0944	0.0032	3.43	0.0967	0.0921
Mo2020	202.030 {4	Y_2243	ppm	0.1031	0.0023	2.249	0.1047	0.1015
Na5895	589.592 { 5	Y_3710	ppm	7.773	0.1682	2.164	7.892	7.654
Na8183	818.326 { 4	Y_3710	ppm	7.45	0.111	1.491	7.528	7.371
Ni2316	231.604 {4	In2306	ppm	0.0965	0.0015	1.559	0.0976	0.0955
P_1782	178.284 {4	In2306	ppm	0.0107	0.0002	2.207	0.0109	0.0105
Pb2203	220.353 {4	In2306	ppm	0.0948	0.001	1.027	0.0954	0.0941
S_1820	182.034 {4	Y_2243	ppm	-16.2	0.1794	1.108	-16.33	-16.07
Sb2068	206.833 {4	Y_2243	ppm	0.0939	0.0001	0.14	0.0938	0.094
Se1960	196.090 {4	Y_2243	ppm	0.1024	0.0022	2.166	0.104	0.1008
Si2516	251.611 {1	Y_3710	ppm	0.2007	0.0067	3.363	0.1959	0.2054
Sn1899	189.989 {4	In2306	ppm	0.0918	0.0024	2.605	0.0935	0.0901
Sr4215	421.552 { 8	Y_3710	ppm	0.0577	0.001	1.799	0.0584	0.057
Ti3349	334.904 {1	Y_3600	ppm	0.086	0.0012	1.397	0.0852	0.0869
Tl1908	190.856 {4	In2306	ppm	0.0906	0.0043	4.737	0.0937	0.0876
V_2924	292.402 {1	Y_3600	ppm	0.088	0.0003	0.3581	0.0878	0.0882
Zn2062	206.200 {4	In2306	ppm	0.0943	0.0022	2.353	0.0959	0.0928

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.628	1.1912	2.1036	55.785	57.47
In2306	230.606 {4	Cts/S	9482.8	1.9009	0.02005	9481.4	9484.1
Y_2243	224.306 {4	Cts/S	13438	5.2494	0.03906	13442	13434
Y_3600	360.073 { 9	Cts/S	48948	278.92	0.56983	49145	48750
Y_3710	371.030 { 9	Cts/S	8627.3	164.04	1.9015	8511.3	8743.3

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:27:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.047	0.0003	0.7357	0.0468	0.0473
Al3082	308.215 {1	In2306	ppm	1.059	0.0239	2.26	1.042	1.076
As1890	189.042 {4	Y_2243	ppm	0.1019	0.002	1.938	0.1006	0.1033
B_2496	249.678 {1	Y_3710	ppm	0.1046	0.0037	3.552	0.102	0.1073
Ba4554	455.403 { 7	Y_3710	ppm	0.1034	0.0009	0.8802	0.1027	0.104
Be3130	313.042 {1	Y_3710	ppm	0.0472	0.0005	1.008	0.0475	0.0468
Ca3158	315.887 {1	In2306	ppm	2.776	0.0056	0.201	2.78	2.772
Ca3181	318.128 {1	In2306	ppm	2.816	0.0937	3.326	2.75	2.883
Cd2288	228.802 {4	Y_2243	ppm	0.0501	0.0009	1.884	0.0494	0.0508
Co2286	228.616 {4	In2306	ppm	0.0979	0.0019	1.901	0.0966	0.0992
Cr2677	267.716 {1	Y_3600	ppm	0.0909	0.0002	0.2677	0.0908	0.0911
Cu3247	324.754 {1	Y_3600	ppm	0.0941	0.0016	1.701	0.093	0.0952
Fe2404	240.488 {1	In2306	ppm	0.9937	0.005	0.5069	0.9902	0.9973
K_7664	766.490 { 4	Y_3710	ppm	1.544	0.0735	4.758	1.492	1.596
K_7698	769.896 { 4	Y_3710	ppm	1.36	0.0348	2.556	1.335	1.384
Li6707	670.784 { 5	Y_3710	ppm	0.0535	0.002	3.817	0.052	0.0549
Mg2790	279.079 {1	Y_3710	ppm	1.071	0.0828	7.733	1.13	1.013
Mn2576	257.610 {1	Y_3600	ppm	0.0958	0.0006	0.5796	0.0954	0.0962
Mn2576-2	257.610 {1	Y_3710	ppm	0.0964	0.0032	3.274	0.0986	0.0942
Mo2020	202.030 {4	Y_2243	ppm	0.1075	0.002	1.814	0.1062	0.1089
Na5895	589.592 { 5	Y_3710	ppm	8.17	0.3171	3.881	7.946	8.394
Na8183	818.326 { 4	Y_3710	ppm	7.817	0.071	0.9079	7.767	7.868
Ni2316	231.604 {4	In2306	ppm	0.1002	0.0018	1.75	0.099	0.1015
P_1782	178.284 {4	In2306	ppm	0.0112	0	0.1054	0.0112	0.0112
Pb2203	220.353 {4	In2306	ppm	0.0997	0.0017	1.753	0.0985	0.101
S_1820	182.034 {4	Y_2243	ppm	-16.53	0.4399	2.662	-16.21	-16.84
Sb2068	206.833 {4	Y_2243	ppm	0.0995	0.0029	2.882	0.0975	0.1015
Se1960	196.090 {4	Y_2243	ppm	0.1052	0.0041	3.914	0.1023	0.1081
Si2516	251.611 {1	Y_3710	ppm	0.2172	0.0044	2.029	0.2203	0.2141
Sn1899	189.989 {4	In2306	ppm	0.0961	0.0019	2.005	0.0947	0.0974
Sr4215	421.552 { 8	Y_3710	ppm	0.0605	0.0004	0.6785	0.0602	0.0608
Ti3349	334.904 {1	Y_3600	ppm	0.0874	0	0.0057	0.0874	0.0874
Tl1908	190.856 {4	In2306	ppm	0.0962	0.0008	0.7876	0.0957	0.0967
V_2924	292.402 {1	Y_3600	ppm	0.0906	0.0005	0.6045	0.0902	0.091
Zn2062	206.200 {4	In2306	ppm	0.0977	0.0021	2.18	0.0962	0.0992

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.075	1.5133	2.8512	54.145	52.005
In2306	230.606 {4	Cts/S	9340.3	149.73	1.603	9446.2	9234.5
Y_2243	224.306 {4	Cts/S	13217	193.83	1.4665	13354	13080
Y_3600	360.073 { 9	Cts/S	48234	56.026	0.11615	48274	48195
Y_3710	371.030 { 9	Cts/S	8421.8	5.2107	0.06187	8418.2	8425.5

[Sample Header]
Method=ICP6500Metals_TRY3(v648)
SampleName=pds 600-49105-A2A@10
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:30:24
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4726	0.002	0.4134	0.474	0.4712
Al3082	308.215 {1	In2306	ppm	9.98	0.3252	3.259	9.75	10.21
As1890	189.042 {4	Y_2243	ppm	1.01	0.0092	0.9159	1.016	1.003
B_2496	249.678 {1	Y_3710	ppm	0.9919	0.0386	3.894	0.9646	1.019
Ba4554	455.403 { 7	Y_3710	ppm	1.019	0.0411	4.033	0.9895	1.048
Be3130	313.042 {1	Y_3710	ppm	0.4932	0.0165	3.347	0.4815	0.5048
Ca3158	315.887 {1	In2306	ppm	11.52	0.1872	1.625	11.39	11.65
Ca3181	318.128 {1	In2306	ppm	11.15	0.1761	1.579	11.03	11.28
Cd2288	228.802 {4	Y_2243	ppm	0.4884	0.0054	1.101	0.4922	0.4846
Co2286	228.616 {4	In2306	ppm	0.9549	0.0101	1.053	0.962	0.9478
Cr2677	267.716 {1	Y_3600	ppm	0.9179	0.0006	0.0686	0.9184	0.9175
Cu3247	324.754 {1	Y_3600	ppm	0.9471	0.0054	0.5666	0.9509	0.9433
Fe2404	240.488 {1	In2306	ppm	9.634	0.2855	2.963	9.432	9.836
K_7664	766.490 { 4	Y_3710	ppm	11.09	0.703	6.341	10.59	11.58
K_7698	769.896 { 4	Y_3710	ppm	11.22	0.7389	6.588	10.69	11.74
Li6707	670.784 { 5	Y_3710	ppm	^ *****	-----	-----	1.041	^ -----
Mg2790	279.079 {1	Y_3710	ppm	9.813	0.2671	2.722	9.624	10
Mn2576	257.610 {1	Y_3600	ppm	0.9343	0.0024	0.2607	0.936	0.9326
Mn2576-2	257.610 {1	Y_3710	ppm	1.002	0.0245	2.449	0.985	1.02
Mo2020	202.030 {4	Y_2243	ppm	1.02	0.0153	1.5	1.031	1.01
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	17	^ -----
Na8183	818.326 { 4	Y_3710	ppm	17.12	0.9908	5.787	16.42	17.82
Ni2316	231.604 {4	In2306	ppm	0.9888	0.0079	0.8025	0.9944	0.9832
P_1782	178.284 {4	In2306	ppm	0.9838	0.0109	1.112	0.9915	0.976
Pb2203	220.353 {4	In2306	ppm	0.9769	0.0085	0.8672	0.9829	0.9709
S_1820	182.034 {4	Y_2243	ppm	-16.17	0.0726	0.4488	-16.22	-16.12
Sb2068	206.833 {4	Y_2243	ppm	1.001	0.0197	1.967	1.015	0.987
Se1960	196.090 {4	Y_2243	ppm	1.024	0.0078	0.7617	1.03	1.018
Si2516	251.611 {1	Y_3710	ppm	1.06	0.0063	0.5944	1.065	1.056
Sn1899	189.989 {4	In2306	ppm	0.9398	0.0075	0.7981	0.9451	0.9345
Sr4215	421.552 { 8	Y_3710	ppm	0.5293	0.0205	3.872	0.5148	0.5438
Ti3349	334.904 {1	Y_3600	ppm	0.8951	0.0004	0.0449	0.8949	0.8954
Tl1908	190.856 {4	In2306	ppm	0.9826	0.0011	0.1084	0.9833	0.9818
V_2924	292.402 {1	Y_3600	ppm	0.888	0.004	0.4524	0.8909	0.8852
Zn2062	206.200 {4	In2306	ppm	0.9512	0.0063	0.6615	0.9556	0.9467

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.296	1.0357	1.9076	55.029	53.564
In2306	230.606 {4	Cts/S	8987.4	4.7985	0.05339	8990.8	8984
Y_2243	224.306 {4	Cts/S	13180	13.625	0.10338	13170	13190
Y_3600	360.073 { 9	Cts/S	48648	231.83	0.47653	48485	48812
Y_3710	371.030 { 9	Cts/S	8029.4	239.87	2.9875	8199	7859.7

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:32:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0002	337.3	0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0069	0.0243	349.7	0.0102	-0.0241
As1890	189.042 {4	Y_2243	ppm	0.0029	0.0044	151.5	-0.0002	0.0061
B_2496	249.678 {1	Y_3710	ppm	0.0053	0.0123	234.8	0.014	-0.0035
Ba4554	455.403 { 7	Y_3710	ppm	0.0011	0.0002	21.01	0.0013	0.001
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0002	79.91	0.0004	0.0001
Ca3158	315.887 {1	In2306	ppm	0.3363	0.0054	1.618	0.3325	0.3401
Ca3181	318.128 {1	In2306	ppm	0.3617	0.0192	5.316	0.3752	0.3481
Cd2288	228.802 {4	Y_2243	ppm	0.0017	0.0021	125.5	0.0002	0.0032
Co2286	228.616 {4	In2306	ppm	0.0036	0.0044	121.8	0.0005	0.0068
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0002	58.06	-0.0002	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0014	0.0002	14.27	0.0013	0.0016
Fe2404	240.488 {1	In2306	ppm	-0.0189	0.0005	2.783	-0.0192	-0.0185
K_7664	766.490 { 4	Y_3710	ppm	0.1132	0.0043	3.839	0.1163	0.1101
K_7698	769.896 { 4	Y_3710	ppm	-0.0907	0.0007	0.7776	-0.0902	-0.0912
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0	1.247	-0.0002	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0606	0.0407	67.11	0.0894	0.0319
Mn2576	257.610 {1	Y_3600	ppm	0.0003	0	12.67	0.0002	0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	0.0006	0.001	174.1	-0.0001	0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0068	0.0062	91.02	0.0024	0.0112
Na5895	589.592 { 5	Y_3710	ppm	1.411	0.0171	1.213	1.423	1.399
Na8183	818.326 { 4	Y_3710	ppm	1.414	0.0142	1.003	1.424	1.404
Ni2316	231.604 {4	In2306	ppm	0.0039	0.0048	124.2	0.0005	0.0072
P_1782	178.284 {4	In2306	ppm	0.0053	0.0036	67.71	0.0028	0.0079
Pb2203	220.353 {4	In2306	ppm	0.0032	0.0038	118.2	0.0005	0.0059
S_1820	182.034 {4	Y_2243	ppm	-2.996	0.0651	2.173	-3.042	-2.95
Sb2068	206.833 {4	Y_2243	ppm	0.0081	0.0056	69.18	0.0042	0.0121
Se1960	196.090 {4	Y_2243	ppm	0.0038	0.0021	55.11	0.0023	0.0052
Si2516	251.611 {1	Y_3710	ppm	0.0206	0.0039	19.05	0.0179	0.0234
Sn1899	189.989 {4	In2306	ppm	0.0049	0.0052	106.1	0.0012	0.0085
Sr4215	421.552 { 8	Y_3710	ppm	0.0021	0.0001	3.42	0.0022	0.0021
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0	3.904	0.0009	0.001
Tl1908	190.856 {4	In2306	ppm	0.0037	0.002	52.25	0.0024	0.0051
V_2924	292.402 {1	Y_3600	ppm	0.0006	0.0004	68.33	0.0009	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0066	0.0042	64.74	0.0036	0.0095

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.521	0.65049	1.1931	54.061	54.981
In2306	230.606 {4	Cts/S	9638.6	5.211	0.05406	9642.3	9634.9
Y_2243	224.306 {4	Cts/S	13406	6.2691	0.04676	13410	13401
Y_3600	360.073 { 9	Cts/S	48005	30.822	0.0642	47983	48027
Y_3710	371.030 { 9	Cts/S	8383.1	14.597	0.17412	8393.4	8372.8

[Sample Header]
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SampleName=CCV 775456
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:35:27
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2372	0	0.0131	0.2373	0.2372
Al3082	308.215 {1	In2306	ppm	2.588	0.0477	1.842	2.554	2.622
As1890	189.042 {4	Y_2243	ppm	0.5051	0.0006	0.1128	0.5047	0.5055
B_2496	249.678 {1	Y_3710	ppm	0.482	0.0052	1.078	0.4857	0.4784
Ba4554	455.403 { 7	Y_3710	ppm	0.4932	0.0007	0.1348	0.4927	0.4936
Be3130	313.042 {1	Y_3710	ppm	0.483	0.0004	0.0905	0.4833	0.4827
Ca3158	315.887 {1	In2306	ppm	12.8	0.3008	2.349	12.59	13.02
Ca3181	318.128 {1	In2306	ppm	12.42	0.1447	1.164	12.32	12.52
Cd2288	228.802 {4	Y_2243	ppm	0.4911	0.0049	0.988	0.4877	0.4945
Co2286	228.616 {4	In2306	ppm	0.4821	0.0036	0.7549	0.4795	0.4847
Cr2677	267.716 {1	Y_3600	ppm	0.4588	0.0001	0.0189	0.4587	0.4588
Cu3247	324.754 {1	Y_3600	ppm	0.4733	0.0015	0.3115	0.4723	0.4744
Fe2404	240.488 {1	In2306	ppm	2.552	0.0842	3.299	2.492	2.611
K_7664	766.490 { 4	Y_3710	ppm	13.14	0.0059	0.0448	13.15	13.14
K_7698	769.896 { 4	Y_3710	ppm	13.29	0.0852	0.641	13.35	13.23
Li6707	670.784 { 5	Y_3710	ppm	0.5482	0	0.0057	0.5482	0.5482
Mg2790	279.079 {1	Y_3710	ppm	4.754	0.0836	1.759	4.695	4.814
Mn2576	257.610 {1	Y_3600	ppm	0.4653	0.0013	0.2805	0.4644	0.4662
Mn2576-2	257.610 {1	Y_3710	ppm	0.4813	0.0013	0.2599	0.4804	0.4822
Mo2020	202.030 {4	Y_2243	ppm	0.5216	0.0035	0.6755	0.5191	0.5241
Na5895	589.592 { 5	Y_3710	ppm	13.35	0.0101	0.0755	13.34	13.36
Na8183	818.326 { 4	Y_3710	ppm	12.75	0.103	0.8081	12.82	12.68
Ni2316	231.604 {4	In2306	ppm	0.4935	0.0041	0.8327	0.4906	0.4964
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0002	17.3	-0.0011	-0.0008
Pb2203	220.353 {4	In2306	ppm	0.4902	0.0043	0.8844	0.4872	0.4933
S_1820	182.034 {4	Y_2243	ppm	-22.19	0.1382	0.6227	-22.1	-22.29
Sb2068	206.833 {4	Y_2243	ppm	0.4975	0.0037	0.7365	0.4949	0.5001
Se1960	196.090 {4	Y_2243	ppm	0.522	0.0065	1.24	0.5175	0.5266
Si2516	251.611 {1	Y_3710	ppm	0.7935	0.0022	0.2772	0.7919	0.795
Sn1899	189.989 {4	In2306	ppm	0.4793	0.0033	0.6824	0.477	0.4816
Sr4215	421.552 { 8	Y_3710	ppm	0.2579	0.0001	0.0218	0.2579	0.2579
Ti3349	334.904 {1	Y_3600	ppm	0.449	0.0009	0.1916	0.4496	0.4484
Tl1908	190.856 {4	In2306	ppm	0.47	0.0047	0.9904	0.4733	0.4667
V_2924	292.402 {1	Y_3600	ppm	0.451	0.0059	1.299	0.4468	0.4551
Zn2062	206.200 {4	In2306	ppm	0.4746	0.0052	1.086	0.471	0.4783

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.807	1.3335	2.574	52.75	50.864
In2306	230.606 {4	Cts/S	9194.3	85.622	0.93125	9254.9	9133.8
Y_2243	224.306 {4	Cts/S	13313	115.79	0.8698	13395	13231
Y_3600	360.073 { 9	Cts/S	48792	225.09	0.46132	48951	48633
Y_3710	371.030 { 9	Cts/S	8281.4	6.0458	0.073	8277.1	8285.7

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Comment=
Custom ID1=
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Custom ID3=
Run Time=1/26/2012 11:37:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0054	0.0002	3.429	0.0052	0.0055
Al3082	308.215 {1	In2306	ppm	0.1201	0.0261	21.74	0.1385	0.1016
As1890	189.042 {4	Y_2243	ppm	0.0111	0.002	17.89	0.0097	0.0125
B_2496	249.678 {1	Y_3710	ppm	0.0024	0.0038	155.4	-0.0002	0.0051
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0002	1.849	0.0096	0.0099
Be3130	313.042 {1	Y_3710	ppm	0.005	0	0.923	0.0051	0.005
Ca3158	315.887 {1	In2306	ppm	0.0876	0.0091	10.44	0.0812	0.0941
Ca3181	318.128 {1	In2306	ppm	0.1593	0.0555	34.81	0.1201	0.1985
Cd2288	228.802 {4	Y_2243	ppm	0.007	0.0025	35.26	0.0053	0.0088
Co2286	228.616 {4	In2306	ppm	0.0119	0.0025	21.19	0.0102	0.0137
Cr2677	267.716 {1	Y_3600	ppm	0.009	0.0003	3.801	0.0092	0.0088
Cu3247	324.754 {1	Y_3600	ppm	0.0104	0.0001	1.089	0.0103	0.0105
Fe2404	240.488 {1	In2306	ppm	0.0864	0.0138	16.01	0.0962	0.0766
K_7664	766.490 { 4	Y_3710	ppm	0.6344	0.0006	0.0945	0.634	0.6348
K_7698	769.896 { 4	Y_3710	ppm	0.4614	0.0238	5.159	0.4782	0.4446
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0001	0.8782	0.0102	0.0101
Mg2790	279.079 {1	Y_3710	ppm	0.1628	0.0448	27.52	0.1311	0.1944
Mn2576	257.610 {1	Y_3600	ppm	0.0094	0.0001	1.496	0.0095	0.0093
Mn2576-2	257.610 {1	Y_3710	ppm	0.0092	0.0005	5.36	0.0088	0.0095
Mo2020	202.030 {4	Y_2243	ppm	0.0147	0.0037	25.24	0.0121	0.0173
Na5895	589.592 { 5	Y_3710	ppm	0.6738	0.0073	1.084	0.679	0.6686
Na8183	818.326 { 4	Y_3710	ppm	0.62	0.1202	19.39	0.535	0.705
Ni2316	231.604 {4	In2306	ppm	0.0125	0.0029	22.83	0.0105	0.0145
P_1782	178.284 {4	In2306	ppm	0.0101	0.0004	3.704	0.0104	0.0099
Pb2203	220.353 {4	In2306	ppm	0.0113	0.0023	20.69	0.0096	0.0129
S_1820	182.034 {4	Y_2243	ppm	0.2751	0.0852	30.96	0.3353	0.2148
Sb2068	206.833 {4	Y_2243	ppm	0.017	0.0025	14.68	0.0152	0.0187
Se1960	196.090 {4	Y_2243	ppm	0.0124	0.0013	10.55	0.0115	0.0134
Si2516	251.611 {1	Y_3710	ppm	-0.0404	0.0097	23.89	-0.0473	-0.0336
Sn1899	189.989 {4	In2306	ppm	0.012	0.0034	28.13	0.0096	0.0144
Sr4215	421.552 { 8	Y_3710	ppm	0.005	0	0.5421	0.005	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0089	0.0003	3.948	0.0091	0.0086
Tl1908	190.856 {4	In2306	ppm	0.0166	0.0046	27.46	0.0134	0.0198
V_2924	292.402 {1	Y_3600	ppm	0.0092	0.0001	1.118	0.0093	0.0091
Zn2062	206.200 {4	In2306	ppm	0.0102	0.0025	24.79	0.0084	0.012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.525	0.3873	0.7236	53.798	53.251
In2306	230.606 {4	Cts/S	9666.5	6.4066	0.06628	9671.1	9662
Y_2243	224.306 {4	Cts/S	13406	17.245	0.12864	13418	13394
Y_3600	360.073 { 9	Cts/S	47894	95.114	0.19859	47961	47827
Y_3710	371.030 { 9	Cts/S	8374.4	7.357	0.08785	8379.6	8369.2

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 11:40:31
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0006	260.8	-0.0006	0.0002
Al3082	308.215 {1	In2306	ppm	0.0331	0.0086	25.85	0.0271	0.0392
As1890	189.042 {4	Y_2243	ppm	-0.0007	0.0003	39.29	-0.0009	-0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0038	0.01	265.7	0.0033	-0.0108
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	189.5	0	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0002	412.5	0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0249	0.0006	2.552	-0.0253	-0.0244
Ca3181	318.128 {1	In2306	ppm	0.0627	0.0458	73.09	0.0303	0.095
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	233.5	-0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0003	160	0	0.0004
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0003	53.78	-0.0003	-0.0007
Cu3247	324.754 {1	Y_3600	ppm	0.0018	0.0002	10.08	0.0019	0.0017
Fe2404	240.488 {1	In2306	ppm	-0.0196	0.0036	18.2	-0.017	-0.0221
K_7664	766.490 { 4	Y_3710	ppm	0.0228	0.0013	5.716	0.0218	0.0237
K_7698	769.896 { 4	Y_3710	ppm	-0.1014	0.0108	10.68	-0.0937	-0.109
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0.0004	207.4	-0.0005	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0646	0.039	60.4	-0.0922	-0.037
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	11.68	-0.0001	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0006	0.001	176.5	0.0013	-0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0004	182.8	-0.0001	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.004	0.0027	68.57	0.002	0.0059
Na8183	818.326 { 4	Y_3710	ppm	0.1141	0.0493	43.16	0.1489	0.0793
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0002	71.47	0.0001	0.0005
P_1782	178.284 {4	In2306	ppm	-0.0008	0.0006	80.62	-0.0003	-0.0012
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0004	349.6	-0.0004	0.0002
S_1820	182.034 {4	Y_2243	ppm	0.328	0.0083	2.516	0.3338	0.3222
Sb2068	206.833 {4	Y_2243	ppm	-0.0012	0.001	82.22	-0.0019	-0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0019	0.0005	26.48	0.0016	0.0023
Si2516	251.611 {1	Y_3710	ppm	-0.0188	0.0044	23.47	-0.0219	-0.0157
Sn1899	189.989 {4	In2306	ppm	0	0.0001	2401	-0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	58.41	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0001	53.75	-0.0001	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0022	0.0015	68.01	0.0012	0.0033
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	450.9	-0.0002	0.0001
Zn2062	206.200 {4	In2306	ppm	-0.0007	0.0002	24.88	-0.0008	-0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.632	0.05594	0.1024	54.593	54.672
In2306	230.606 {4	Cts/S	9653.7	44.273	0.45861	9685	9622.4
Y_2243	224.306 {4	Cts/S	13306	51.502	0.38705	13343	13270
Y_3600	360.073 { 9	Cts/S	47663	273.8	0.57445	47470	47857
Y_3710	371.030 { 9	Cts/S	8291	44.507	0.53681	8322.5	8259.5

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SampleName=MB 600-70923/1-A
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:14:00
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	1016	0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.053	0.0172	32.51	0.0652	0.0408
As1890	189.042 {4	Y_2243	ppm	0.0002	0.0001	67.58	0.0003	0.0001
B_2496	249.678 {1	Y_3710	ppm	-0.0015	0.0012	79.59	-0.0023	-0.0006
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0	21.68	0.0001	0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	46.01	0.0003	0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0257	0.001	3.761	-0.0251	-0.0264
Ca3181	318.128 {1	In2306	ppm	0.0488	0.0237	48.64	0.032	0.0655
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	24.32	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0	92.53	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0003	118.5	0	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0019	0.0004	23.75	0.0015	0.0022
Fe2404	240.488 {1	In2306	ppm	-0.0168	0.0234	139.8	-0.0002	-0.0333
K_7664	766.490 { 4	Y_3710	ppm	-0.0119	0.0001	0.8411	-0.0118	-0.0119
K_7698	769.896 { 4	Y_3710	ppm	-0.1611	0.0149	9.229	-0.1716	-0.1506
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0007	603.1	0.0006	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	-0.018	0.1145	636.9	0.063	-0.0989
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0.0001	134.9	-0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0.0004	213.9	0.0004	-0.0001
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0.0001	230.2	0	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0001	0.005	3812	-0.0034	0.0037
Na8183	818.326 { 4	Y_3710	ppm	-0.1629	0.062	38.07	-0.2068	-0.1191
Ni2316	231.604 {4	In2306	ppm	0	0.0001	407	0.0001	-0.0001
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0001	12.58	-0.0006	-0.0007
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0002	69.64	-0.0001	-0.0004
S_1820	182.034 {4	Y_2243	ppm	0.1088	0.0276	25.41	0.1283	0.0892
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.0007	81.66	-0.0013	-0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0011	0.0002	18.07	0.0012	0.001
Si2516	251.611 {1	Y_3710	ppm	-0.0024	0.0252	1059	-0.0202	0.0154
Sn1899	189.989 {4	In2306	ppm	-0.0001	0	9.896	-0.0001	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0002	166.2	-0.0003	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0001	40.38	-0.0004	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0001	10.75	0.0012	0.0014
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0005	290.4	-0.0002	0.0005
Zn2062	206.200 {4	In2306	ppm	0	0.0001	143.4	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.737	1.7096	3.2417	51.528	53.946
In2306	230.606 {4	Cts/S	9268.4	131.45	1.4183	9361.3	9175.4
Y_2243	224.306 {4	Cts/S	12464	188.14	1.5094	12597	12331
Y_3600	360.073 { 9	Cts/S	49373	49.277	0.09981	49408	49338
Y_3710	371.030 { 9	Cts/S	8073	33.625	0.41651	8049.3	8096.8

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:16:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4601	0.0021	0.4614	0.4586	0.4616
Al3082	308.215 {1	In2306	ppm	10.98	0.1777	1.619	11.1	10.85
As1890	189.042 {4	Y_2243	ppm	1.092	0.0247	2.262	1.11	1.075
B_2496	249.678 {1	Y_3710	ppm	0.9587	0.0066	0.6914	0.954	0.9633
Ba4554	455.403 { 7	Y_3710	ppm	1.009	0.0027	0.267	1.011	1.007
Be3130	313.042 {1	Y_3710	ppm	0.4787	0.0005	0.0961	0.4791	0.4784
Ca3158	315.887 {1	In2306	ppm	9.74	0.0921	0.9457	9.805	9.675
Ca3181	318.128 {1	In2306	ppm	9.294	0.0896	0.9643	9.357	9.23
Cd2288	228.802 {4	Y_2243	ppm	0.5095	0.0111	2.183	0.5174	0.5016
Co2286	228.616 {4	In2306	ppm	0.9749	0.0213	2.181	0.99	0.9599
Cr2677	267.716 {1	Y_3600	ppm	0.8626	0.0012	0.137	0.8635	0.8618
Cu3247	324.754 {1	Y_3600	ppm	0.9098	0.0126	1.39	0.9008	0.9187
Fe2404	240.488 {1	In2306	ppm	9.883	0.0913	0.9233	9.948	9.819
K_7664	766.490 { 4	Y_3710	ppm	11.83	0.2775	2.345	12.03	11.64
K_7698	769.896 { 4	Y_3710	ppm	12	0.3262	2.719	12.23	11.77
Li6707	670.784 { 5	Y_3710	ppm	0.6486	0.0164	2.529	0.6602	0.637
Mg2790	279.079 {1	Y_3710	ppm	9.02	0.1618	1.794	9.135	8.906
Mn2576	257.610 {1	Y_3600	ppm	0.882	0.0007	0.0825	0.8815	0.8825
Mn2576-2	257.610 {1	Y_3710	ppm	0.9658	0.0042	0.4344	0.9628	0.9688
Mo2020	202.030 {4	Y_2243	ppm	1.136	0.0284	2.497	1.156	1.116
Na5895	589.592 { 5	Y_3710	ppm	12.35	0.3078	2.492	12.57	12.13
Na8183	818.326 { 4	Y_3710	ppm	10.73	0.3493	3.255	10.98	10.48
Ni2316	231.604 {4	In2306	ppm	1.037	0.0243	2.346	1.054	1.02
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0003	100.6	-0.0001	-0.0005
Pb2203	220.353 {4	In2306	ppm	1.017	0.0253	2.486	1.035	0.999
S_1820	182.034 {4	Y_2243	ppm	0.2858	0.0202	7.07	0.2715	0.3
Sb2068	206.833 {4	Y_2243	ppm	1.081	0.0298	2.761	1.102	1.06
Se1960	196.090 {4	Y_2243	ppm	1.137	0.0286	2.515	1.157	1.117
Si2516	251.611 {1	Y_3710	ppm	0.8306	0.0127	1.525	0.8216	0.8396
Sn1899	189.989 {4	In2306	ppm	0.9396	0.0227	2.411	0.9556	0.9236
Sr4215	421.552 { 8	Y_3710	ppm	0.5316	0.002	0.367	0.533	0.5302
Ti3349	334.904 {1	Y_3600	ppm	0.8108	0.003	0.371	0.8087	0.8129
Tl1908	190.856 {4	In2306	ppm	0.9541	0.0328	3.435	0.9773	0.931
V_2924	292.402 {1	Y_3600	ppm	0.8137	0.0041	0.4986	0.8108	0.8166
Zn2062	206.200 {4	In2306	ppm	0.9392	0.0218	2.324	0.9546	0.9237

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.011	0.85254	1.7047	49.408	50.613
In2306	230.606 {4	Cts/S	8621.9	140.22	1.6263	8522.8	8721.1
Y_2243	224.306 {4	Cts/S	12185	194.06	1.5927	12047	12322
Y_3600	360.073 { 9	Cts/S	50914	441.65	0.86745	51226	50602
Y_3710	371.030 { 9	Cts/S	7952	33.826	0.42538	7928.1	7975.9

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:19:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0002	202.3	0	0.0003
Al3082	308.215 {1	In2306	ppm	0.0143	0.0175	121.9	0.002	0.0267
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0029	336	-0.0012	0.0029
B_2496	249.678 {1	Y_3710	ppm	0.0862	0.0016	1.832	0.0873	0.0851
Ba4554	455.403 { 7	Y_3710	ppm	0.0779	0.0003	0.3456	0.0781	0.0777
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	1094	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	115	0.1494	0.1298	114.9	115.1
Ca3181	318.128 {1	In2306	ppm	109.8	0.1583	0.1442	109.9	109.7
Cd2288	228.802 {4	Y_2243	ppm	0.001	0.0012	127.8	0.0001	0.0018
Co2286	228.616 {4	In2306	ppm	0.0021	0.0021	100.1	0.0006	0.0037
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0001	6.543	0.0008	0.0009
Cu3247	324.754 {1	Y_3600	ppm	0.0027	0.0001	2.372	0.0027	0.0027
Fe2404	240.488 {1	In2306	ppm	0.0483	0.009	18.74	0.0547	0.0419
K_7664	766.490 { 4	Y_3710	ppm	3.615	0.0746	2.064	3.562	3.668
K_7698	769.896 { 4	Y_3710	ppm	3.562	0.0648	1.819	3.516	3.608
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0003	2.539	0.0097	0.0101
Mg2790	279.079 {1	Y_3710	ppm	3.836	0.0188	0.4913	3.849	3.823
Mn2576	257.610 {1	Y_3600	ppm	0.0508	0.0002	0.3778	0.0506	0.0509
Mn2576-2	257.610 {1	Y_3710	ppm	0.0558	0.0001	0.2307	0.0559	0.0557
Mo2020	202.030 {4	Y_2243	ppm	0.0068	0.0039	56.93	0.0041	0.0096
Na5895	589.592 { 5	Y_3710	ppm	46.53	0.8038	1.727	45.96	47.1
Na8183	818.326 { 4	Y_3710	ppm	41.68	0.1266	0.3036	41.59	41.77
Ni2316	231.604 {4	In2306	ppm	0.0039	0.0025	65.5	0.0021	0.0056
P_1782	178.284 {4	In2306	ppm	0.0071	0.0007	9.17	0.0076	0.0067
Pb2203	220.353 {4	In2306	ppm	0.0016	0.0021	130.4	0.0001	0.0031
S_1820	182.034 {4	Y_2243	ppm	-1112	5.944	0.5346	-1108	-1116
Sb2068	206.833 {4	Y_2243	ppm	0.0138	0.0025	17.83	0.012	0.0155
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0025	82.63	0.0012	0.0047
Si2516	251.611 {1	Y_3710	ppm	1.235	0.0066	0.5335	1.24	1.231
Sn1899	189.989 {4	In2306	ppm	0.0028	0.003	106.5	0.0007	0.0049
Sr4215	421.552 { 8	Y_3710	ppm	1.217	0.0079	0.6526	1.222	1.211
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0003	23.22	0.0009	0.0013
Tl1908	190.856 {4	In2306	ppm	0.0078	0.0049	62.91	0.0043	0.0112
V_2924	292.402 {1	Y_3600	ppm	0.0017	0.0003	18.94	0.0015	0.0019
Zn2062	206.200 {4	In2306	ppm	0.0029	0.0023	77.63	0.0013	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.617	0.79182	1.5643	51.177	50.057
In2306	230.606 {4	Cts/S	8129.3	46.921	0.57718	8162.4	8096.1
Y_2243	224.306 {4	Cts/S	11583	64.977	0.56096	11629	11537
Y_3600	360.073 { 9	Cts/S	51608	252.85	0.48993	51787	51429
Y_3710	371.030 { 9	Cts/S	7963.2	17.993	0.22595	7950.4	7975.9

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:21:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4771	0.022	4.612	0.4926	0.4615
Al3082	308.215 {1	In2306	ppm	11.03	0.6254	5.669	10.59	11.47
As1890	189.042 {4	Y_2243	ppm	1.118	0.0009	0.0807	1.118	1.117
B_2496	249.678 {1	Y_3710	ppm	1.087	0.0248	2.285	1.069	1.104
Ba4554	455.403 { 7	Y_3710	ppm	1.107	0.0241	2.172	1.09	1.124
Be3130	313.042 {1	Y_3710	ppm	0.4908	0.0111	2.259	0.483	0.4987
Ca3158	315.887 {1	In2306	ppm	128.9	7.467	5.792	123.6	134.2
Ca3181	318.128 {1	In2306	ppm	123.6	6.983	5.65	118.6	128.5
Cd2288	228.802 {4	Y_2243	ppm	0.5194	0.0029	0.5564	0.5214	0.5173
Co2286	228.616 {4	In2306	ppm	0.9752	0.0063	0.6429	0.9796	0.9708
Cr2677	267.716 {1	Y_3600	ppm	0.8639	0.0372	4.305	0.8902	0.8376
Cu3247	324.754 {1	Y_3600	ppm	0.9638	0.0455	4.726	0.996	0.9316
Fe2404	240.488 {1	In2306	ppm	10.05	0.5723	5.693	9.649	10.46
K_7664	766.490 { 4	Y_3710	ppm	15.4	0.432	2.805	15.09	15.71
K_7698	769.896 { 4	Y_3710	ppm	15.76	0.4881	3.097	15.41	16.1
Li6707	670.784 { 5	Y_3710	ppm	0.6558	0.0161	2.462	0.6443	0.6672
Mg2790	279.079 {1	Y_3710	ppm	13.38	0.2162	1.616	13.23	13.53
Mn2576	257.610 {1	Y_3600	ppm	0.9314	0.04	4.294	0.9597	0.9031
Mn2576-2	257.610 {1	Y_3710	ppm	1.054	0.0253	2.402	1.036	1.072
Mo2020	202.030 {4	Y_2243	ppm	1.122	0.0043	0.3796	1.125	1.119
Na5895	589.592 { 5	Y_3710	ppm	58.29	1.492	2.559	57.24	59.35
Na8183	818.326 { 4	Y_3710	ppm	53.37	1.423	2.666	52.36	54.37
Ni2316	231.604 {4	In2306	ppm	1.033	0.005	0.4851	1.037	1.03
P_1782	178.284 {4	In2306	ppm	0.0068	0.0009	13.05	0.0074	0.0062
Pb2203	220.353 {4	In2306	ppm	1.002	0.0073	0.7273	1.008	0.9973
S_1820	182.034 {4	Y_2243	ppm	-1092	1.326	0.1215	-1093	-1091
Sb2068	206.833 {4	Y_2243	ppm	1.103	0.0058	0.525	1.107	1.099
Se1960	196.090 {4	Y_2243	ppm	1.17	0.0028	0.2356	1.168	1.172
Si2516	251.611 {1	Y_3710	ppm	2.13	0.0945	4.435	2.063	2.197
Sn1899	189.989 {4	In2306	ppm	0.9394	0.0103	1.096	0.9467	0.9321
Sr4215	421.552 { 8	Y_3710	ppm	1.781	0.037	2.077	1.755	1.807
Ti3349	334.904 {1	Y_3600	ppm	0.8247	0.035	4.238	0.8494	0.8
Tl1908	190.856 {4	In2306	ppm	0.934	0.0212	2.274	0.949	0.919
V_2924	292.402 {1	Y_3600	ppm	0.8169	0.0322	3.937	0.8396	0.7942
Zn2062	206.200 {4	In2306	ppm	0.9476	0.01	1.059	0.9547	0.9405

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.067	2.5446	5.186	50.866	47.268
In2306	230.606 {4	Cts/S	7939.2	0.27349	0.00344	7939	7939.4
Y_2243	224.306 {4	Cts/S	11550	30.084	0.26048	11571	11528
Y_3600	360.073 { 9	Cts/S	50259	1746.7	3.4753	49024	51494
Y_3710	371.030 { 9	Cts/S	7641.4	122.54	1.6037	7728	7554.7

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Username=admin
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Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:24:00
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4754	0.0002	0.0335	0.4753	0.4755
Al3082	308.215 {1	In2306	ppm	11.11	0.1374	1.236	11.02	11.21
As1890	189.042 {4	Y_2243	ppm	1.14	0.0065	0.5687	1.144	1.135
B_2496	249.678 {1	Y_3710	ppm	1.087	0.0065	0.5989	1.092	1.083
Ba4554	455.403 { 7	Y_3710	ppm	1.104	0.0038	0.3465	1.102	1.107
Be3130	313.042 {1	Y_3710	ppm	0.4839	0.0024	0.4884	0.4823	0.4856
Ca3158	315.887 {1	In2306	ppm	131.5	1.072	0.8151	130.8	132.3
Ca3181	318.128 {1	In2306	ppm	125.7	0.8387	0.6672	125.1	126.3
Cd2288	228.802 {4	Y_2243	ppm	0.5261	0.001	0.1828	0.5268	0.5255
Co2286	228.616 {4	In2306	ppm	0.9915	0.001	0.1041	0.9923	0.9908
Cr2677	267.716 {1	Y_3600	ppm	0.8472	0.0035	0.4171	0.8447	0.8497
Cu3247	324.754 {1	Y_3600	ppm	0.9593	0.0008	0.0837	0.9599	0.9588
Fe2404	240.488 {1	In2306	ppm	10.24	0.0878	0.858	10.17	10.3
K_7664	766.490 { 4	Y_3710	ppm	15.44	0.1421	0.9204	15.34	15.54
K_7698	769.896 { 4	Y_3710	ppm	15.94	0.2008	1.259	15.8	16.09
Li6707	670.784 { 5	Y_3710	ppm	0.6615	0.0058	0.8781	0.6574	0.6656
Mg2790	279.079 {1	Y_3710	ppm	13.29	0.1313	0.988	13.2	13.39
Mn2576	257.610 {1	Y_3600	ppm	0.9264	0.0071	0.7663	0.9214	0.9315
Mn2576-2	257.610 {1	Y_3710	ppm	1.039	0.0055	0.5267	1.035	1.042
Mo2020	202.030 {4	Y_2243	ppm	1.143	0.0011	0.0989	1.144	1.143
Na5895	589.592 { 5	Y_3710	ppm	58.92	0.4374	0.7424	58.61	59.23
Na8183	818.326 { 4	Y_3710	ppm	53.77	0.1871	0.348	53.63	53.9
Ni2316	231.604 {4	In2306	ppm	1.051	0.0006	0.0603	1.052	1.051
P_1782	178.284 {4	In2306	ppm	0.0059	0.0002	3.392	0.006	0.0057
Pb2203	220.353 {4	In2306	ppm	1.022	0.0018	0.1762	1.02	1.023
S_1820	182.034 {4	Y_2243	ppm	-1118	0.8787	0.0786	-1118	-1117
Sb2068	206.833 {4	Y_2243	ppm	1.134	0.0005	0.0471	1.134	1.133
Se1960	196.090 {4	Y_2243	ppm	1.188	0.0071	0.5984	1.193	1.183
Si2516	251.611 {1	Y_3710	ppm	2.193	0.0566	2.582	2.153	2.233
Sn1899	189.989 {4	In2306	ppm	0.9597	0.0002	0.0208	0.9595	0.9598
Sr4215	421.552 { 8	Y_3710	ppm	1.788	0.0045	0.2507	1.785	1.791
Ti3349	334.904 {1	Y_3600	ppm	0.8086	0.0007	0.0823	0.8082	0.8091
Tl1908	190.856 {4	In2306	ppm	0.9486	0.0137	1.449	0.9583	0.9389
V_2924	292.402 {1	Y_3600	ppm	0.8135	0.0056	0.6859	0.8095	0.8174
Zn2062	206.200 {4	In2306	ppm	0.9656	0.0022	0.223	0.9641	0.9672

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.695	0.30325	0.62276	48.909	48.48
In2306	230.606 {4	Cts/S	7947.3	20.516	0.25815	7932.8	7961.8
Y_2243	224.306 {4	Cts/S	11587	45.509	0.39278	11554	11619
Y_3600	360.073 { 9	Cts/S	51302	54.658	0.10654	51341	51263
Y_3710	371.030 { 9	Cts/S	7757.1	24.242	0.31251	7774.2	7740

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:26:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0004	160.7	0	-0.0006
Al3082	308.215 {1	In2306	ppm	0.0319	0.0118	36.94	0.0236	0.0403
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0016	128.4	0.0001	0.0024
B_2496	249.678 {1	Y_3710	ppm	0.0958	0.0002	0.2437	0.096	0.0956
Ba4554	455.403 { 7	Y_3710	ppm	0.0784	0.0004	0.5068	0.0787	0.0781
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0001	35.4	0.0004	0.0002
Ca3158	315.887 {1	In2306	ppm	114.7	0.1288	0.1123	114.6	114.8
Ca3181	318.128 {1	In2306	ppm	109.9	0.146	0.1328	109.8	110
Cd2288	228.802 {4	Y_2243	ppm	0.0009	0.0011	118.9	0.0001	0.0017
Co2286	228.616 {4	In2306	ppm	0.002	0.0022	115	0.0004	0.0035
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0004	42.8	0.0006	0.0011
Cu3247	324.754 {1	Y_3600	ppm	0.0021	0.0004	17.04	0.0023	0.0018
Fe2404	240.488 {1	In2306	ppm	0.1012	0.0262	25.85	0.1197	0.0827
K_7664	766.490 { 4	Y_3710	ppm	3.634	0.0588	1.617	3.676	3.592
K_7698	769.896 { 4	Y_3710	ppm	3.646	0.0364	0.9989	3.672	3.62
Li6707	670.784 { 5	Y_3710	ppm	0.0097	0.0001	0.9715	0.0096	0.0098
Mg2790	279.079 {1	Y_3710	ppm	3.881	0.0599	1.543	3.923	3.838
Mn2576	257.610 {1	Y_3600	ppm	0.0505	0.0003	0.5847	0.0503	0.0507
Mn2576-2	257.610 {1	Y_3710	ppm	0.057	0.0023	4.043	0.0586	0.0553
Mo2020	202.030 {4	Y_2243	ppm	0.007	0.0032	46.36	0.0047	0.0092
Na5895	589.592 { 5	Y_3710	ppm	46.02	0.8267	1.796	46.6	45.43
Na8183	818.326 { 4	Y_3710	ppm	41.38	0.2274	0.5496	41.54	41.22
Ni2316	231.604 {4	In2306	ppm	0.0035	0.0018	50.37	0.0022	0.0047
P_1782	178.284 {4	In2306	ppm	0.0072	0.0006	7.889	0.0076	0.0068
Pb2203	220.353 {4	In2306	ppm	0.0016	0.0027	171.1	-0.0003	0.0035
S_1820	182.034 {4	Y_2243	ppm	-1103	2.159	0.1957	-1104	-1101
Sb2068	206.833 {4	Y_2243	ppm	0.0153	0.0009	5.796	0.0146	0.0159
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0013	43.83	0.0021	0.004
Si2516	251.611 {1	Y_3710	ppm	1.267	0.0146	1.153	1.277	1.256
Sn1899	189.989 {4	In2306	ppm	0.0028	0.0024	87.39	0.0011	0.0045
Sr4215	421.552 { 8	Y_3710	ppm	1.224	0.0027	0.2181	1.225	1.222
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0003	12.1	0.002	0.0023
Tl1908	190.856 {4	In2306	ppm	0.008	0.0062	77.66	0.0036	0.0124
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0002	16.41	0.0013	0.0016
Zn2062	206.200 {4	In2306	ppm	0.0026	0.002	75.4	0.0012	0.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.206	0.29295	0.57211	50.999	51.413
In2306	230.606 {4	Cts/S	8166.3	18.024	0.22071	8153.5	8179
Y_2243	224.306 {4	Cts/S	11616	42.224	0.36348	11587	11646
Y_3600	360.073 { 9	Cts/S	51778	234.74	0.45335	51612	51944
Y_3710	371.030 { 9	Cts/S	7862.8	20.626	0.26233	7848.2	7877.3

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Custom ID3=
Run Time=1/26/2012 13:28:58
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	48.71	-0.0004	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0227	0.0712	314.1	0.073	-0.0277
As1890	189.042 {4	Y_2243	ppm	-0.0015	0.0002	15.23	-0.0017	-0.0013
B_2496	249.678 {1	Y_3710	ppm	0.088	0.0109	12.37	0.0957	0.0803
Ba4554	455.403 { 7	Y_3710	ppm	0.0796	0.0051	6.422	0.0832	0.076
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	203.8	0.0001	0
Ca3158	315.887 {1	In2306	ppm	117.4	8.09	6.893	123.1	111.6
Ca3181	318.128 {1	In2306	ppm	112.5	7.657	6.806	117.9	107.1
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	110.5	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0	15.32	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0003	32.22	0.0013	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.002	0.0002	8.066	0.0019	0.0022
Fe2404	240.488 {1	In2306	ppm	0.053	0.0128	24.2	0.062	0.0439
K_7664	766.490 { 4	Y_3710	ppm	3.69	0.2512	6.808	3.868	3.513
K_7698	769.896 { 4	Y_3710	ppm	3.661	0.2984	8.151	3.872	3.45
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0011	10.93	0.0107	0.0092
Mg2790	279.079 {1	Y_3710	ppm	3.967	0.296	7.463	4.176	3.757
Mn2576	257.610 {1	Y_3600	ppm	0.0424	0.0001	0.1882	0.0424	0.0425
Mn2576-2	257.610 {1	Y_3710	ppm	0.0492	0.0031	6.223	0.0514	0.0471
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0001	4.154	0.0024	0.0026
Na5895	589.592 { 5	Y_3710	ppm	47.23	3.3	6.986	49.56	44.9
Na8183	818.326 { 4	Y_3710	ppm	42.62	2.551	5.987	44.42	40.81
Ni2316	231.604 {4	In2306	ppm	0.0017	0.0002	11.21	0.0018	0.0015
P_1782	178.284 {4	In2306	ppm	0.0044	0.0002	5.479	0.0046	0.0043
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0001	7.269	0.001	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1104	0.5991	0.0542	-1105	-1104
Sb2068	206.833 {4	Y_2243	ppm	0.0025	0.0008	32.52	0.0031	0.0019
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0008	28.35	0.0036	0.0024
Si2516	251.611 {1	Y_3710	ppm	1.125	0.0382	3.394	1.152	1.098
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0001	30.4	-0.0005	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	1.265	0.0811	6.409	1.322	1.207
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0004	42.77	0.0006	0.0012
Tl1908	190.856 {4	In2306	ppm	0.001	0.0005	50.11	0.0013	0.0006
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0004	25.24	0.0017	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0013	0.0001	4.217	0.0013	0.0014

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.808	3.149	6.3224	47.581	52.034
In2306	230.606 {4	Cts/S	8165.3	17.781	0.21776	8177.8	8152.7
Y_2243	224.306 {4	Cts/S	11606	60.72	0.52316	11649	11563
Y_3600	360.073 { 9	Cts/S	51984	145.49	0.27987	52087	51881
Y_3710	371.030 { 9	Cts/S	7683.9	378.36	4.924	7416.4	7951.4

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	112.6	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0428	0.0274	64.11	0.0234	0.0622
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0007	51.15	-0.0018	-0.0008
B_2496	249.678 {1	Y_3710	ppm	0.0898	0.0042	4.631	0.0927	0.0868
Ba4554	455.403 { 7	Y_3710	ppm	0.0749	0.0005	0.6456	0.0752	0.0745
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	81.58	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	113.2	2.756	2.433	115.2	111.3
Ca3181	318.128 {1	In2306	ppm	108.6	2.248	2.07	110.2	107
Cd2288	228.802 {4	Y_2243	ppm	0	0	99.46	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	61.43	0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0006	69.98	0.0004	0.0012
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0.0001	4.875	0.0022	0.0024
Fe2404	240.488 {1	In2306	ppm	0.0227	0.0043	18.76	0.0257	0.0197
K_7664	766.490 { 4	Y_3710	ppm	3.571	0.0128	0.3579	3.562	3.581
K_7698	769.896 { 4	Y_3710	ppm	3.544	0.0297	0.8394	3.523	3.565
Li6707	670.784 { 5	Y_3710	ppm	0.0095	0.0001	1.451	0.0094	0.0096
Mg2790	279.079 {1	Y_3710	ppm	3.892	0.0265	0.6816	3.874	3.911
Mn2576	257.610 {1	Y_3600	ppm	0.0358	0.0001	0.3069	0.0358	0.0359
Mn2576-2	257.610 {1	Y_3710	ppm	0.0398	0	0.1243	0.0398	0.0398
Mo2020	202.030 {4	Y_2243	ppm	0.0024	0	0.6815	0.0024	0.0023
Na5895	589.592 { 5	Y_3710	ppm	45.74	0.0783	0.1712	45.68	45.79
Na8183	818.326 { 4	Y_3710	ppm	41.59	0.2613	0.6282	41.78	41.41
Ni2316	231.604 {4	In2306	ppm	0.0018	0.0002	13.63	0.0016	0.002
P_1782	178.284 {4	In2306	ppm	0.0057	0.0002	3.271	0.0058	0.0056
Pb2203	220.353 {4	In2306	ppm	-0.001	0.0004	41.22	-0.0007	-0.0013
S_1820	182.034 {4	Y_2243	ppm	-1130	2.936	0.2597	-1133	-1128
Sb2068	206.833 {4	Y_2243	ppm	-0.0016	0.0002	13.99	-0.0018	-0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0038	0.0011	29.54	0.0046	0.003
Si2516	251.611 {1	Y_3710	ppm	0.9236	0.006	0.647	0.9279	0.9194
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0001	26.34	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	1.234	0.0061	0.4922	1.238	1.229
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0.0002	29.9	0.0006	0.001
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0003	17.4	0.0021	0.0016
V_2924	292.402 {1	Y_3600	ppm	0.0015	0.0004	29.34	0.0018	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0013	0	2.212	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.184	0.82535	1.6125	50.6	51.767
In2306	230.606 {4	Cts/S	8171.1	7.5053	0.09185	8165.8	8176.5
Y_2243	224.306 {4	Cts/S	11628	17.667	0.15193	11616	11641
Y_3600	360.073 { 9	Cts/S	51542	29.173	0.0566	51563	51522
Y_3710	371.030 { 9	Cts/S	7947.7	16.297	0.20505	7936.2	7959.3

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0004	108.7	0.0006	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0214	0.0484	225.9	0.0128	-0.0556
As1890	189.042 {4	Y_2243	ppm	-0.0004	0.0001	23.05	-0.0005	-0.0003
B_2496	249.678 {1	Y_3710	ppm	0.0863	0.009	10.4	0.0927	0.08
Ba4554	455.403 { 7	Y_3710	ppm	0.0757	0.0001	0.1712	0.0758	0.0756
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	22.61	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	114.7	2.591	2.26	116.5	112.8
Ca3181	318.128 {1	In2306	ppm	110.1	2.087	1.896	111.6	108.6
Cd2288	228.802 {4	Y_2243	ppm	0	0	72.73	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	67.3	0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0.0004	108.8	0.0007	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0022	0.0002	10.5	0.0021	0.0024
Fe2404	240.488 {1	In2306	ppm	0.0395	0.003	7.675	0.0416	0.0373
K_7664	766.490 { 4	Y_3710	ppm	3.611	0.0206	0.5697	3.625	3.596
K_7698	769.896 { 4	Y_3710	ppm	3.627	0.0067	0.186	3.632	3.623
Li6707	670.784 { 5	Y_3710	ppm	0.0093	0.0008	8.752	0.0099	0.0088
Mg2790	279.079 {1	Y_3710	ppm	3.952	0.0744	1.882	4.005	3.9
Mn2576	257.610 {1	Y_3600	ppm	0.0282	0.0001	0.1861	0.0281	0.0282
Mn2576-2	257.610 {1	Y_3710	ppm	0.0347	0.0006	1.622	0.0351	0.0343
Mo2020	202.030 {4	Y_2243	ppm	0.0023	0.0002	9.501	0.0024	0.0021
Na5895	589.592 { 5	Y_3710	ppm	45.32	0.0448	0.0989	45.35	45.29
Na8183	818.326 { 4	Y_3710	ppm	41.17	0.1345	0.3266	41.08	41.27
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0002	14.36	0.0018	0.0014
P_1782	178.284 {4	In2306	ppm	0.0062	0.0008	12.62	0.0067	0.0056
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0007	524.9	0.0006	-0.0003
S_1820	182.034 {4	Y_2243	ppm	-1144	21.66	1.894	-1159	-1128
Sb2068	206.833 {4	Y_2243	ppm	-0.0014	0.0017	124.1	-0.0002	-0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0028	0.0008	26.65	0.0023	0.0033
Si2516	251.611 {1	Y_3710	ppm	0.927	0.0073	0.787	0.9219	0.9322
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	9.849	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	1.252	0.0062	0.4972	1.256	1.247
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0001	6.879	0.0011	0.001
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0014	100.3	0.0004	0.0024
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0004	27.42	0.0017	0.0011
Zn2062	206.200 {4	In2306	ppm	0.0017	0.0002	13.97	0.0018	0.0015

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.162	1.2193	2.3831	50.3	52.024
In2306	230.606 {4	Cts/S	8113.2	103.87	1.2802	8039.7	8186.6
Y_2243	224.306 {4	Cts/S	11552	134.69	1.166	11457	11647
Y_3600	360.073 { 9	Cts/S	51814	366.66	0.70765	52073	51554
Y_3710	371.030 { 9	Cts/S	7837.9	31.818	0.40595	7815.4	7860.4

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SampleName=600-48997-B-6-A
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:36:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	58.78	-0.0002	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0041	0.0729	1758	-0.0474	0.0557
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0003	36.19	0.0012	0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0774	0.0007	0.8904	0.0778	0.0769
Ba4554	455.403 { 7	Y_3710	ppm	0.0787	0	0.0416	0.0787	0.0787
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	129.6	0	0.0002
Ca3158	315.887 {1	In2306	ppm	118.3	5.184	4.383	114.6	122
Ca3181	318.128 {1	In2306	ppm	113	5.176	4.58	109.3	116.7
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	80.21	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0005	0	7.951	0.0005	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0.0005	43.74	0.0008	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.0033	0.0002	7.446	0.0035	0.0031
Fe2404	240.488 {1	In2306	ppm	0.0766	0.0049	6.409	0.0732	0.0801
K_7664	766.490 { 4	Y_3710	ppm	3.563	0.0341	0.9566	3.539	3.587
K_7698	769.896 { 4	Y_3710	ppm	3.56	0.0619	1.739	3.516	3.603
Li6707	670.784 { 5	Y_3710	ppm	0.0093	0.0003	2.767	0.0092	0.0095
Mg2790	279.079 {1	Y_3710	ppm	3.942	0.0235	0.5955	3.959	3.925
Mn2576	257.610 {1	Y_3600	ppm	0.0175	0.0005	2.737	0.0172	0.0178
Mn2576-2	257.610 {1	Y_3710	ppm	0.0207	0.0008	3.666	0.0201	0.0212
Mo2020	202.030 {4	Y_2243	ppm	0.0023	0.0003	13.74	0.0025	0.002
Na5895	589.592 { 5	Y_3710	ppm	43.86	0.5476	1.248	43.48	44.25
Na8183	818.326 { 4	Y_3710	ppm	39.7	0.1255	0.3162	39.61	39.79
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0003	17.7	0.0014	0.0018
P_1782	178.284 {4	In2306	ppm	0.007	0.0008	11.15	0.0076	0.0065
Pb2203	220.353 {4	In2306	ppm	0.0024	0.0007	27.93	0.002	0.0029
S_1820	182.034 {4	Y_2243	ppm	-1109	4.559	0.4113	-1112	-1105
Sb2068	206.833 {4	Y_2243	ppm	-0.0007	0.0001	11	-0.0008	-0.0007
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0035	139.1	0	0.005
Si2516	251.611 {1	Y_3710	ppm	0.9853	0.0253	2.567	0.9674	1.003
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0003	141.3	0	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	1.258	0.0002	0.0167	1.257	1.258
Ti3349	334.904 {1	Y_3600	ppm	0.0013	0.0003	26.95	0.001	0.0015
Tl1908	190.856 {4	In2306	ppm	0.0018	0.0001	7.69	0.0017	0.0019
V_2924	292.402 {1	Y_3600	ppm	0.002	0.0002	11.08	0.0019	0.0022
Zn2062	206.200 {4	In2306	ppm	0.0051	0.0002	3.502	0.0053	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.327	2.5915	5.1493	52.159	48.494
In2306	230.606 {4	Cts/S	8174.1	7.8221	0.09569	8168.5	8179.6
Y_2243	224.306 {4	Cts/S	11574	6.4944	0.05611	11570	11579
Y_3600	360.073 { 9	Cts/S	52058	924.57	1.776	52712	51404
Y_3710	371.030 { 9	Cts/S	7896.2	2.6062	0.03301	7898	7894.3

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:39:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2257	0.0029	1.276	0.2237	0.2278
Al3082	308.215 {1	In2306	ppm	2.533	0.0151	0.5975	2.544	2.522
As1890	189.042 {4	Y_2243	ppm	0.5361	0.0046	0.8518	0.5393	0.5329
B_2496	249.678 {1	Y_3710	ppm	0.4711	0.0069	1.459	0.4662	0.476
Ba4554	455.403 { 7	Y_3710	ppm	0.4943	0.0015	0.3066	0.4954	0.4932
Be3130	313.042 {1	Y_3710	ppm	0.4793	0.0001	0.0243	0.4794	0.4792
Ca3158	315.887 {1	In2306	ppm	12.14	0.1124	0.9259	12.22	12.06
Ca3181	318.128 {1	In2306	ppm	11.55	0.1786	1.546	11.68	11.43
Cd2288	228.802 {4	Y_2243	ppm	0.5037	0.0035	0.6867	0.5061	0.5013
Co2286	228.616 {4	In2306	ppm	0.4779	0.0037	0.7741	0.4805	0.4753
Cr2677	267.716 {1	Y_3600	ppm	0.4307	0.0034	0.7947	0.4283	0.4331
Cu3247	324.754 {1	Y_3600	ppm	0.4477	0.0096	2.145	0.4409	0.4545
Fe2404	240.488 {1	In2306	ppm	2.423	0.0274	1.131	2.442	2.404
K_7664	766.490 { 4	Y_3710	ppm	13.5	0.2795	2.069	13.7	13.31
K_7698	769.896 { 4	Y_3710	ppm	13.83	0.3225	2.331	14.06	13.6
Li6707	670.784 { 5	Y_3710	ppm	0.5883	0.018	3.066	0.6011	0.5756
Mg2790	279.079 {1	Y_3710	ppm	4.521	0.0887	1.963	4.458	4.584
Mn2576	257.610 {1	Y_3600	ppm	0.4389	0.0038	0.8664	0.4362	0.4416
Mn2576-2	257.610 {1	Y_3710	ppm	0.4897	0.0028	0.5809	0.4877	0.4917
Mo2020	202.030 {4	Y_2243	ppm	0.566	0.0049	0.8616	0.5694	0.5625
Na5895	589.592 { 5	Y_3710	ppm	14.06	0.3576	2.543	14.32	13.81
Na8183	818.326 { 4	Y_3710	ppm	12.84	0.1565	1.219	12.95	12.73
Ni2316	231.604 {4	In2306	ppm	0.512	0.0042	0.8131	0.5149	0.509
P_1782	178.284 {4	In2306	ppm	-0.0019	0.0007	34.18	-0.0015	-0.0024
Pb2203	220.353 {4	In2306	ppm	0.4987	0.0031	0.6152	0.5008	0.4965
S_1820	182.034 {4	Y_2243	ppm	-24.32	0.0241	0.0989	-24.34	-24.31
Sb2068	206.833 {4	Y_2243	ppm	0.5353	0.0055	1.02	0.5391	0.5314
Se1960	196.090 {4	Y_2243	ppm	0.5613	0.0054	0.9642	0.5651	0.5575
Si2516	251.611 {1	Y_3710	ppm	0.7845	0.0139	1.772	0.7943	0.7747
Sn1899	189.989 {4	In2306	ppm	0.4622	0.0034	0.7354	0.4646	0.4598
Sr4215	421.552 { 8	Y_3710	ppm	0.2668	0.0015	0.5486	0.2678	0.2657
Ti3349	334.904 {1	Y_3600	ppm	0.4037	0.0062	1.534	0.3993	0.4081
Tl1908	190.856 {4	In2306	ppm	0.4694	0.0072	1.533	0.4745	0.4643
V_2924	292.402 {1	Y_3600	ppm	0.4027	0.0047	1.168	0.3994	0.4061
Zn2062	206.200 {4	In2306	ppm	0.4672	0.003	0.6423	0.4693	0.4651

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.387	0.94717	1.808	51.717	53.056
In2306	230.606 {4	Cts/S	8841.2	38.988	0.44098	8813.7	8868.8
Y_2243	224.306 {4	Cts/S	12384	55.908	0.45145	12345	12424
Y_3600	360.073 { 9	Cts/S	51345	905.6	1.7638	51985	50704
Y_3710	371.030 { 9	Cts/S	8023.4	35.175	0.43841	7998.5	8048.2

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:41:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0049	0.0004	7.767	0.0052	0.0046
Al3082	308.215 {1	In2306	ppm	0.0951	0.0161	16.89	0.1065	0.0838
As1890	189.042 {4	Y_2243	ppm	0.0099	0.0002	2.098	0.01	0.0097
B_2496	249.678 {1	Y_3710	ppm	0.0002	0.0016	1020	0.0013	-0.001
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0	0.4388	0.0099	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0047	0	0.8326	0.0047	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0671	0.0128	19.13	0.0762	0.058
Ca3181	318.128 {1	In2306	ppm	0.1075	0.0235	21.86	0.1242	0.0909
Cd2288	228.802 {4	Y_2243	ppm	0.0059	0.0009	14.63	0.0052	0.0065
Co2286	228.616 {4	In2306	ppm	0.0103	0.001	9.372	0.0096	0.011
Cr2677	267.716 {1	Y_3600	ppm	0.0085	0.0005	6.179	0.0088	0.0081
Cu3247	324.754 {1	Y_3600	ppm	0.0106	0.0001	0.5828	0.0106	0.0105
Fe2404	240.488 {1	In2306	ppm	0.0757	0.0243	32.13	0.0585	0.0929
K_7664	766.490 { 4	Y_3710	ppm	0.6529	0.0119	1.824	0.6613	0.6445
K_7698	769.896 { 4	Y_3710	ppm	0.4907	0.0151	3.079	0.5014	0.48
Li6707	670.784 { 5	Y_3710	ppm	0.0115	0.0003	2.343	0.0117	0.0113
Mg2790	279.079 {1	Y_3710	ppm	0.0658	0.0054	8.164	0.0696	0.062
Mn2576	257.610 {1	Y_3600	ppm	0.0089	0.0001	1.243	0.009	0.0088
Mn2576-2	257.610 {1	Y_3710	ppm	0.0091	0.0016	17.82	0.0103	0.008
Mo2020	202.030 {4	Y_2243	ppm	0.0135	0.0017	12.49	0.0123	0.0147
Na5895	589.592 { 5	Y_3710	ppm	0.7274	0.0232	3.189	0.7438	0.711
Na8183	818.326 { 4	Y_3710	ppm	0.5365	0.1405	26.2	0.4371	0.6359
Ni2316	231.604 {4	In2306	ppm	0.0108	0.0012	10.68	0.01	0.0116
P_1782	178.284 {4	In2306	ppm	0.0083	0.0004	4.558	0.0086	0.008
Pb2203	220.353 {4	In2306	ppm	0.0104	0.0015	14.39	0.0094	0.0115
S_1820	182.034 {4	Y_2243	ppm	0.2901	0.0026	0.8972	0.2919	0.2883
Sb2068	206.833 {4	Y_2243	ppm	0.0156	0.0008	4.857	0.015	0.0161
Se1960	196.090 {4	Y_2243	ppm	0.0127	0.0003	2.33	0.0129	0.0124
Si2516	251.611 {1	Y_3710	ppm	-0.0163	0.0004	2.508	-0.016	-0.0166
Sn1899	189.989 {4	In2306	ppm	0.01	0.001	9.788	0.0093	0.0107
Sr4215	421.552 { 8	Y_3710	ppm	0.0054	0.0001	2.338	0.0055	0.0053
Ti3349	334.904 {1	Y_3600	ppm	0.0084	0.0009	10.54	0.009	0.0078
Tl1908	190.856 {4	In2306	ppm	0.0136	0.0047	34.12	0.0103	0.0169
V_2924	292.402 {1	Y_3600	ppm	0.0088	0.0008	8.668	0.0083	0.0094
Zn2062	206.200 {4	In2306	ppm	0.0087	0.0008	9.238	0.0082	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.15	0.25442	0.47868	53.33	52.97
In2306	230.606 {4	Cts/S	9346.6	14.84	0.15878	9336.1	9357.1
Y_2243	224.306 {4	Cts/S	12567	34.404	0.27376	12543	12592
Y_3600	360.073 { 9	Cts/S	50898	439.23	0.86298	50587	51208
Y_3710	371.030 { 9	Cts/S	8159.9	7.93	0.09718	8154.3	8165.5

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:44:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0003	117.2	0.0004	0
Al3082	308.215 {1	In2306	ppm	-0.0342	0.0007	2.124	-0.0337	-0.0347
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0013	1219	0.0008	-0.001
B_2496	249.678 {1	Y_3710	ppm	-0.0031	0.0064	207.9	0.0014	-0.0076
Ba4554	455.403 { 7	Y_3710	ppm	0	0	106.1	0	0
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	923.6	0	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0176	0.0104	58.93	-0.025	-0.0103
Ca3181	318.128 {1	In2306	ppm	0.0369	0.0819	221.7	0.0949	-0.021
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	31.68	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	43.84	0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0	8.972	0.0001	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0027	0.0003	12.05	0.0025	0.003
Fe2404	240.488 {1	In2306	ppm	-0.0125	0.0188	150.1	0.0008	-0.0258
K_7664	766.490 { 4	Y_3710	ppm	0.0032	0.0152	469.8	-0.0075	0.014
K_7698	769.896 { 4	Y_3710	ppm	-0.1719	0.0311	18.11	-0.1499	-0.1939
Li6707	670.784 { 5	Y_3710	ppm	0	0.0002	400.8	-0.0001	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.007	0.0042	59.99	0.0041	0.01
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	26.7	-0.0001	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0	0.0006	4890	0.0004	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0	0.0002	413.9	-0.0002	0.0001
Na5895	589.592 { 5	Y_3710	ppm	-0.0009	0.0007	73.85	-0.0014	-0.0004
Na8183	818.326 { 4	Y_3710	ppm	-0.2068	0.0188	9.091	-0.1935	-0.2201
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	84.34	0	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0003	49.89	-0.0009	-0.0004
Pb2203	220.353 {4	In2306	ppm	0	0.0014	5566	0.001	-0.001
S_1820	182.034 {4	Y_2243	ppm	0.3545	0.0108	3.045	0.3468	0.3621
Sb2068	206.833 {4	Y_2243	ppm	-0.0004	0.0011	264	0.0004	-0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0005	41.44	0.0009	0.0016
Si2516	251.611 {1	Y_3710	ppm	-0.0333	0.0009	2.757	-0.0326	-0.0339
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	70.97	-0.0005	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0	190.9	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0002	136.8	0.0003	0
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0002	9.286	0.0021	0.0018
V_2924	292.402 {1	Y_3600	ppm	0	0.0009	5683	0.0006	-0.0007
Zn2062	206.200 {4	In2306	ppm	-0.0011	0	0.2681	-0.0011	-0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.361	1.1481	2.1516	52.549	54.173
In2306	230.606 {4	Cts/S	9377.8	27.065	0.28861	9358.6	9396.9
Y_2243	224.306 {4	Cts/S	12512	66.3	0.52991	12465	12559
Y_3600	360.073 { 9	Cts/S	49711	1083.4	2.1793	50477	48945
Y_3710	371.030 { 9	Cts/S	8026.3	144.97	1.8062	7923.8	8128.8

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:47:06
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0005	689.6	0.0003	-0.0004
Al3082	308.215 {1	In2306	ppm	-0.0038	0.0645	1717	0.0419	-0.0494
As1890	189.042 {4	Y_2243	ppm	0.0013	0.0015	111.9	0.0024	0.0003
B_2496	249.678 {1	Y_3710	ppm	0.0723	0.0108	14.89	0.0799	0.0646
Ba4554	455.403 { 7	Y_3710	ppm	0.0769	0.0003	0.4364	0.0767	0.0772
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0002	166.2	0.0002	0
Ca3158	315.887 {1	In2306	ppm	113.3	3.972	3.506	116.1	110.5
Ca3181	318.128 {1	In2306	ppm	108.7	4.365	4.017	111.8	105.6
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	522.1	0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	79.89	0.0001	0
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0005	94.93	0.0002	0.0009
Cu3247	324.754 {1	Y_3600	ppm	0.0026	0.0001	5.654	0.0027	0.0025
Fe2404	240.488 {1	In2306	ppm	0.0374	0.0064	17.11	0.0329	0.042
K_7664	766.490 { 4	Y_3710	ppm	3.675	0.089	2.421	3.612	3.738
K_7698	769.896 { 4	Y_3710	ppm	3.662	0.1376	3.757	3.565	3.759
Li6707	670.784 { 5	Y_3710	ppm	0.0091	0.0003	3.188	0.0093	0.0089
Mg2790	279.079 {1	Y_3710	ppm	3.901	0.0239	0.6119	3.918	3.884
Mn2576	257.610 {1	Y_3600	ppm	0.016	0.0001	0.7054	0.016	0.0159
Mn2576-2	257.610 {1	Y_3710	ppm	0.0177	0.0003	1.576	0.0175	0.0179
Mo2020	202.030 {4	Y_2243	ppm	0.0018	0.0001	5.164	0.0017	0.0019
Na5895	589.592 { 5	Y_3710	ppm	45.1	1.36	3.016	44.14	46.06
Na8183	818.326 { 4	Y_3710	ppm	40.01	0.4779	1.194	39.68	40.35
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0001	7.292	0.0015	0.0016
P_1782	178.284 {4	In2306	ppm	0.0048	0.0007	13.97	0.0053	0.0043
Pb2203	220.353 {4	In2306	ppm	0.0032	0.0008	25.13	0.0038	0.0026
S_1820	182.034 {4	Y_2243	ppm	-1094	1.406	0.1285	-1093	-1095
Sb2068	206.833 {4	Y_2243	ppm	-0.0016	0.002	122.8	-0.0002	-0.0031
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0009	43.15	0.0014	0.0027
Si2516	251.611 {1	Y_3710	ppm	0.9995	0.0209	2.094	1.014	0.9847
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	50.76	0.0001	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	1.257	0.0064	0.5106	1.252	1.261
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0	2.125	0.0011	0.0011
Tl1908	190.856 {4	In2306	ppm	0.0015	0.001	63.85	0.0008	0.0022
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0003	18.16	0.0018	0.0014
Zn2062	206.200 {4	In2306	ppm	0.0013	0	0.244	0.0013	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.896	1.4584	2.8655	49.865	51.927
In2306	230.606 {4	Cts/S	8198.7	28.444	0.34694	8218.8	8178.6
Y_2243	224.306 {4	Cts/S	11619	45.991	0.39582	11652	11587
Y_3600	360.073 { 9	Cts/S	52532	134.71	0.25644	52437	52627
Y_3710	371.030 { 9	Cts/S	7802.7	15.881	0.20354	7813.9	7791.4

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 13:49:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0003	987.7	-0.0003	0.0002
Al3082	308.215 {1	In2306	ppm	0.0005	0.019	4012	0.0139	-0.013
As1890	189.042 {4	Y_2243	ppm	-0.0005	0.0005	98.93	-0.0009	-0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0736	0.011	15.01	0.0814	0.0658
Ba4554	455.403 { 7	Y_3710	ppm	0.0764	0.0002	0.2873	0.0765	0.0762
Be3130	313.042 {1	Y_3710	ppm	0	0	57.62	0	0.0001
Ca3158	315.887 {1	In2306	ppm	114.5	2.414	2.108	116.2	112.8
Ca3181	318.128 {1	In2306	ppm	109.5	2.37	2.165	111.1	107.8
Cd2288	228.802 {4	Y_2243	ppm	0	0	37.82	0	0
Co2286	228.616 {4	In2306	ppm	0.0003	0.0002	68.74	0.0004	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0005	198.8	-0.0001	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0027	0.0002	5.602	0.0028	0.0026
Fe2404	240.488 {1	In2306	ppm	0.0228	0.018	79.1	0.0356	0.0101
K_7664	766.490 { 4	Y_3710	ppm	3.597	0.1061	2.95	3.522	3.672
K_7698	769.896 { 4	Y_3710	ppm	3.583	0.1118	3.119	3.504	3.662
Li6707	670.784 { 5	Y_3710	ppm	0.0089	0.0001	0.9667	0.0089	0.009
Mg2790	279.079 {1	Y_3710	ppm	3.801	0.0667	1.754	3.754	3.848
Mn2576	257.610 {1	Y_3600	ppm	0.0164	0	0.29	0.0164	0.0164
Mn2576-2	257.610 {1	Y_3710	ppm	0.0183	0.0017	9.512	0.0171	0.0195
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0002	10.99	0.002	0.0024
Na5895	589.592 { 5	Y_3710	ppm	44.13	1.089	2.469	43.36	44.9
Na8183	818.326 { 4	Y_3710	ppm	39.46	0.3018	0.7649	39.25	39.67
Ni2316	231.604 {4	In2306	ppm	0.0019	0.0004	21.14	0.0022	0.0016
P_1782	178.284 {4	In2306	ppm	0.0058	0.0009	14.65	0.0052	0.0064
Pb2203	220.353 {4	In2306	ppm	0.0036	0.0001	2.338	0.0035	0.0036
S_1820	182.034 {4	Y_2243	ppm	-1083	5.349	0.494	-1087	-1079
Sb2068	206.833 {4	Y_2243	ppm	-0.0013	0.0007	49.88	-0.0009	-0.0018
Se1960	196.090 {4	Y_2243	ppm	0.0029	0.0006	21.01	0.0033	0.0025
Si2516	251.611 {1	Y_3710	ppm	0.995	0.0285	2.861	0.9749	1.015
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0001	22.72	-0.0002	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	1.247	0.0024	0.1897	1.245	1.248
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0	5.965	0.0007	0.0008
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0007	45.94	0.0021	0.0011
V_2924	292.402 {1	Y_3600	ppm	0.001	0.0005	45.83	0.0007	0.0014
Zn2062	206.200 {4	In2306	ppm	0.0013	0.0001	6.645	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.653	0.41854	0.82629	50.357	50.949
In2306	230.606 {4	Cts/S	8179	32.243	0.39422	8156.2	8201.8
Y_2243	224.306 {4	Cts/S	11589	77.624	0.66983	11534	11644
Y_3600	360.073 { 9	Cts/S	52100	62.655	0.12026	52144	52055
Y_3710	371.030 { 9	Cts/S	7835.8	20.349	0.25969	7850.1	7821.4

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0005	264.4	0.0005	-0.0002
Al3082	308.215 {1	In2306	ppm	-0.0101	0.0215	213.5	0.0051	-0.0253
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0002	70.99	0.0005	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0701	0.0039	5.509	0.0674	0.0729
Ba4554	455.403 { 7	Y_3710	ppm	0.0758	0	0.0112	0.0758	0.0758
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	372.3	0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	115.2	3.435	2.981	112.8	117.7
Ca3181	318.128 {1	In2306	ppm	110.4	2.954	2.675	108.4	112.5
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	145.6	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0	13.12	0.0003	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0008	109.9	0.0013	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0.0004	17.36	0.002	0.0025
Fe2404	240.488 {1	In2306	ppm	0.0118	0.0012	9.85	0.0126	0.0109
K_7664	766.490 { 4	Y_3710	ppm	3.52	0.0603	1.714	3.478	3.563
K_7698	769.896 { 4	Y_3710	ppm	3.516	0.0187	0.5319	3.503	3.53
Li6707	670.784 { 5	Y_3710	ppm	0.0094	0.0002	2.501	0.0096	0.0092
Mg2790	279.079 {1	Y_3710	ppm	3.709	0.0392	1.058	3.737	3.681
Mn2576	257.610 {1	Y_3600	ppm	0.0098	0.0001	1.239	0.0097	0.0099
Mn2576-2	257.610 {1	Y_3710	ppm	0.0115	0.001	8.886	0.0122	0.0107
Mo2020	202.030 {4	Y_2243	ppm	0.0019	0	0.767	0.002	0.0019
Na5895	589.592 { 5	Y_3710	ppm	43.6	0.7675	1.761	43.05	44.14
Na8183	818.326 { 4	Y_3710	ppm	39.15	0.2215	0.5657	38.99	39.3
Ni2316	231.604 {4	In2306	ppm	0.0018	0.0002	8.939	0.002	0.0017
P_1782	178.284 {4	In2306	ppm	0.0061	0.0003	4.409	0.0063	0.006
Pb2203	220.353 {4	In2306	ppm	0	0.0017	7313	-0.0012	0.0012
S_1820	182.034 {4	Y_2243	ppm	-1086	13.89	1.279	-1096	-1076
Sb2068	206.833 {4	Y_2243	ppm	-0.0022	0.001	45.53	-0.003	-0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0027	0.0003	12.58	0.0025	0.003
Si2516	251.611 {1	Y_3710	ppm	1.036	0.0021	0.2021	1.038	1.035
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0003	261.2	0.0001	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	1.245	0.0029	0.2298	1.243	1.247
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0.0002	20.67	0.0006	0.0009
Tl1908	190.856 {4	In2306	ppm	0.0017	0.0003	16.12	0.0015	0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0002	22.83	0.0008	0.0011
Zn2062	206.200 {4	In2306	ppm	0.001	0	2.298	0.0011	0.001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.658	2.0998	4.145	52.143	49.173
In2306	230.606 {4	Cts/S	8136.6	64.71	0.79529	8090.9	8182.4
Y_2243	224.306 {4	Cts/S	11522	90.912	0.78903	11458	11586
Y_3600	360.073 { 9	Cts/S	52495	333.12	0.63458	52730	52259
Y_3710	371.030 { 9	Cts/S	7834.8	12.474	0.15922	7843.6	7825.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	35.86	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0374	0.0384	102.6	0.0646	0.0103
As1890	189.042 {4	Y_2243	ppm	-0.0009	0.0014	148.5	-0.0019	0
B_2496	249.678 {1	Y_3710	ppm	0.0768	0.0049	6.366	0.0802	0.0733
Ba4554	455.403 { 7	Y_3710	ppm	0.077	0.0002	0.2049	0.0768	0.0771
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	1851	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	112.5	0.7309	0.65	113	111.9
Ca3181	318.128 {1	In2306	ppm	107.7	0.6532	0.6064	108.2	107.3
Cd2288	228.802 {4	Y_2243	ppm	0	0	36.16	0	0
Co2286	228.616 {4	In2306	ppm	0	0.0001	10220	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0003	30.76	0.0007	0.0011
Cu3247	324.754 {1	Y_3600	ppm	0.0026	0	1.633	0.0026	0.0026
Fe2404	240.488 {1	In2306	ppm	0.0107	0.0226	211.9	0.0267	-0.0053
K_7664	766.490 { 4	Y_3710	ppm	3.688	0.0253	0.6858	3.706	3.67
K_7698	769.896 { 4	Y_3710	ppm	3.628	0.0175	0.4824	3.64	3.615
Li6707	670.784 { 5	Y_3710	ppm	0.009	0.0009	9.831	0.0096	0.0084
Mg2790	279.079 {1	Y_3710	ppm	3.705	0.0548	1.48	3.666	3.744
Mn2576	257.610 {1	Y_3600	ppm	0.0071	0.0001	1.681	0.007	0.0072
Mn2576-2	257.610 {1	Y_3710	ppm	0.01	0.002	19.77	0.0086	0.0114
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0	0.3641	0.0021	0.0021
Na5895	589.592 { 5	Y_3710	ppm	44.49	0.4021	0.9037	44.78	44.21
Na8183	818.326 { 4	Y_3710	ppm	39.44	0.1045	0.2649	39.51	39.36
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0001	7.186	0.0015	0.0014
P_1782	178.284 {4	In2306	ppm	0.0037	0.0006	16.23	0.0041	0.0033
Pb2203	220.353 {4	In2306	ppm	0.0009	0.001	104.2	0.0002	0.0016
S_1820	182.034 {4	Y_2243	ppm	-1071	6.206	0.5796	-1075	-1066
Sb2068	206.833 {4	Y_2243	ppm	-0.0019	0.0015	76.7	-0.003	-0.0009
Se1960	196.090 {4	Y_2243	ppm	0.0045	0.0008	17.7	0.0039	0.0051
Si2516	251.611 {1	Y_3710	ppm	1.07	0.0164	1.532	1.058	1.081
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0004	501.1	0.0004	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	1.25	0.0012	0.0956	1.249	1.251
Ti3349	334.904 {1	Y_3600	ppm	0.0014	0	1.185	0.0014	0.0015
Tl1908	190.856 {4	In2306	ppm	0.0024	0.0011	44.92	0.0031	0.0016
V_2924	292.402 {1	Y_3600	ppm	0.0012	0.0002	14.28	0.0013	0.0011
Zn2062	206.200 {4	In2306	ppm	0.0012	0.0001	5.331	0.0013	0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.649	0.70577	1.3935	50.15	51.148
In2306	230.606 {4	Cts/S	8133.8	8.5435	0.10504	8139.9	8127.8
Y_2243	224.306 {4	Cts/S	11482	1.8246	0.01589	11481	11483
Y_3600	360.073 { 9	Cts/S	51800	76.709	0.14809	51854	51746
Y_3710	371.030 { 9	Cts/S	7824.7	15.326	0.19587	7835.6	7813.9

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0004	116.2	-0.0005	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0123	0.0773	630.5	0.0424	-0.0669
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0003	28.56	0.0013	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0778	0.0001	0.1705	0.0779	0.0778
Ba4554	455.403 { 7	Y_3710	ppm	0.0772	0.0003	0.3296	0.0774	0.077
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	16.04	0.0002	0.0003
Ca3158	315.887 {1	In2306	ppm	117.8	2.493	2.117	116	119.5
Ca3181	318.128 {1	In2306	ppm	113.5	2.529	2.229	111.7	115.2
Cd2288	228.802 {4	Y_2243	ppm	0	0	105.5	0	0
Co2286	228.616 {4	In2306	ppm	0.0002	0	24.97	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0001	32.16	0.0003	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0017	0	1.677	0.0017	0.0017
Fe2404	240.488 {1	In2306	ppm	-0.0014	0.0056	417.1	-0.0053	0.0026
K_7664	766.490 { 4	Y_3710	ppm	3.636	0.0925	2.543	3.702	3.571
K_7698	769.896 { 4	Y_3710	ppm	3.649	0.092	2.521	3.714	3.584
Li6707	670.784 { 5	Y_3710	ppm	0.009	0.0004	3.906	0.0093	0.0088
Mg2790	279.079 {1	Y_3710	ppm	3.809	0.0146	0.3846	3.799	3.82
Mn2576	257.610 {1	Y_3600	ppm	0.0068	0	0.2508	0.0068	0.0068
Mn2576-2	257.610 {1	Y_3710	ppm	0.0077	0.0012	16.12	0.0069	0.0086
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0002	12.19	0.0022	0.0019
Na5895	589.592 { 5	Y_3710	ppm	43.99	1.049	2.385	44.73	43.25
Na8183	818.326 { 4	Y_3710	ppm	39.61	0.4272	1.078	39.92	39.31
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0001	4.397	0.0017	0.0016
P_1782	178.284 {4	In2306	ppm	0.0048	0.0009	18.63	0.0055	0.0042
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0001	47.91	-0.0001	-0.0003
S_1820	182.034 {4	Y_2243	ppm	-1077	5.499	0.5107	-1081	-1073
Sb2068	206.833 {4	Y_2243	ppm	-0.0031	0.0007	22.77	-0.0036	-0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0017	0.0012	67.3	0.0009	0.0025
Si2516	251.611 {1	Y_3710	ppm	1.118	0.0251	2.241	1.136	1.1
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0001	83.22	-0.0002	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.263	0.0022	0.1761	1.265	1.261
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0001	19.85	0.0008	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0014	153	-0.0001	0.0019
V_2924	292.402 {1	Y_3600	ppm	0.0012	0.0003	22.04	0.0013	0.001
Zn2062	206.200 {4	In2306	ppm	0.001	0.0001	7.806	0.001	0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.886	0.4637	0.92951	50.214	49.558
In2306	230.606 {4	Cts/S	8176.6	1.2436	0.01521	8177.5	8175.7
Y_2243	224.306 {4	Cts/S	11628	0.96161	0.00827	11629	11628
Y_3600	360.073 { 9	Cts/S	52167	63.617	0.12195	52212	52122
Y_3710	371.030 { 9	Cts/S	7806.6	26.289	0.33676	7788	7825.2

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0007	197.8	0.0001	-0.0009
Al3082	308.215 {1	In2306	ppm	0.0023	0.0005	21.16	0.0026	0.002
As1890	189.042 {4	Y_2243	ppm	0.002	0.0001	5.193	0.002	0.0021
B_2496	249.678 {1	Y_3710	ppm	0.0872	0.0071	8.086	0.0822	0.0922
Ba4554	455.403 { 7	Y_3710	ppm	0.0775	0.0003	0.3911	0.0773	0.0778
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	77.87	0.0003	0.0001
Ca3158	315.887 {1	In2306	ppm	117.9	3.015	2.557	115.8	120
Ca3181	318.128 {1	In2306	ppm	113.1	2.799	2.475	111.1	115.1
Cd2288	228.802 {4	Y_2243	ppm	0	0	124.3	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	66.08	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0001	14.84	0.0006	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0017	0.0002	12.43	0.0018	0.0015
Fe2404	240.488 {1	In2306	ppm	-0.0088	0.0051	58.16	-0.0124	-0.0052
K_7664	766.490 { 4	Y_3710	ppm	3.677	0.1168	3.176	3.595	3.76
K_7698	769.896 { 4	Y_3710	ppm	3.657	0.1422	3.888	3.556	3.757
Li6707	670.784 { 5	Y_3710	ppm	0.009	0.0002	2.05	0.0092	0.0089
Mg2790	279.079 {1	Y_3710	ppm	3.774	0.0312	0.8266	3.796	3.752
Mn2576	257.610 {1	Y_3600	ppm	0.0074	0.0001	0.9831	0.0074	0.0073
Mn2576-2	257.610 {1	Y_3710	ppm	0.0078	0	0.4551	0.0078	0.0077
Mo2020	202.030 {4	Y_2243	ppm	0.0018	0	1.244	0.0018	0.0018
Na5895	589.592 { 5	Y_3710	ppm	44.61	1.528	3.425	43.53	45.69
Na8183	818.326 { 4	Y_3710	ppm	39.71	0.7994	2.013	39.14	40.27
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0001	7.227	0.0016	0.0014
P_1782	178.284 {4	In2306	ppm	0.0048	0.001	20.93	0.0055	0.0041
Pb2203	220.353 {4	In2306	ppm	-0.001	0.0006	65.49	-0.0005	-0.0014
S_1820	182.034 {4	Y_2243	ppm	-1079	5.326	0.4935	-1083	-1076
Sb2068	206.833 {4	Y_2243	ppm	-0.0021	0.0006	29.92	-0.0026	-0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0033	0.0002	7.231	0.0034	0.0031
Si2516	251.611 {1	Y_3710	ppm	1.13	0.0133	1.178	1.121	1.14
Sn1899	189.989 {4	In2306	ppm	0	0	269.7	0	0
Sr4215	421.552 { 8	Y_3710	ppm	1.26	0.0029	0.2323	1.258	1.262
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0001	15.63	0.0006	0.0008
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0024	323.5	0.0025	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0003	19.97	0.0012	0.0016
Zn2062	206.200 {4	In2306	ppm	0.0013	0.0001	9.82	0.0014	0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.572	2.1293	4.2953	51.077	48.066
In2306	230.606 {4	Cts/S	8158	16.004	0.19618	8146.7	8169.3
Y_2243	224.306 {4	Cts/S	11612	4.7967	0.04131	11609	11615
Y_3600	360.073 { 9	Cts/S	51681	273.16	0.52855	51488	51874
Y_3710	371.030 { 9	Cts/S	7814.5	42.272	0.54094	7844.4	7784.6

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Custom ID3=
Run Time=1/26/2012 14:02:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	420.3	-0.0001	0.0002
Al3082	308.215 {1	In2306	ppm	0.0036	0.019	525.6	-0.0098	0.017
As1890	189.042 {4	Y_2243	ppm	0.001	0.0002	21.06	0.0009	0.0012
B_2496	249.678 {1	Y_3710	ppm	0.0742	0.0038	5.063	0.0769	0.0715
Ba4554	455.403 { 7	Y_3710	ppm	0.0762	0	0.0479	0.0762	0.0762
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	24.43	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	116.8	1.576	1.349	117.9	115.6
Ca3181	318.128 {1	In2306	ppm	112.2	1.947	1.735	113.6	110.8
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	180.2	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0002	0	4.236	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0004	51.05	0.0005	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0019	0.0005	27.18	0.0023	0.0016
Fe2404	240.488 {1	In2306	ppm	0.0242	0.0149	61.7	0.0347	0.0136
K_7664	766.490 { 4	Y_3710	ppm	3.536	0.091	2.574	3.472	3.601
K_7698	769.896 { 4	Y_3710	ppm	3.515	0.079	2.249	3.459	3.571
Li6707	670.784 { 5	Y_3710	ppm	0.0086	0.0002	2.164	0.0085	0.0088
Mg2790	279.079 {1	Y_3710	ppm	3.799	0.0975	2.568	3.868	3.73
Mn2576	257.610 {1	Y_3600	ppm	0.0079	0	0.3979	0.0079	0.008
Mn2576-2	257.610 {1	Y_3710	ppm	0.0102	0.0022	21.86	0.0118	0.0086
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0003	12.44	0.0022	0.0018
Na5895	589.592 { 5	Y_3710	ppm	43.07	1.18	2.74	42.24	43.9
Na8183	818.326 { 4	Y_3710	ppm	38.58	0.4875	1.264	38.24	38.93
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0001	5.304	0.0015	0.0016
P_1782	178.284 {4	In2306	ppm	0.0069	0.0002	2.189	0.0068	0.007
Pb2203	220.353 {4	In2306	ppm	0	0.0001	191.2	0	0.0001
S_1820	182.034 {4	Y_2243	ppm	-1066	3.132	0.2938	-1068	-1064
Sb2068	206.833 {4	Y_2243	ppm	-0.0019	0.0023	120.5	-0.0003	-0.0036
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0026	87.05	0.0012	0.0048
Si2516	251.611 {1	Y_3710	ppm	1.137	0.001	0.0922	1.137	1.136
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	63.63	0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.244	0.0046	0.3716	1.241	1.247
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0002	29.93	0.0006	0.0009
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0011	92.12	0.0004	0.002
V_2924	292.402 {1	Y_3600	ppm	0.0017	0.0001	8.558	0.0018	0.0016
Zn2062	206.200 {4	In2306	ppm	0.0013	0	1.569	0.0013	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.875	0.04547	0.09116	49.843	49.907
In2306	230.606 {4	Cts/S	8192.2	1.6607	0.02027	8193.3	8191
Y_2243	224.306 {4	Cts/S	11614	11.462	0.09869	11622	11606
Y_3600	360.073 { 9	Cts/S	51974	183.86	0.35376	51844	52104
Y_3710	371.030 { 9	Cts/S	7800.1	17.067	0.21881	7812.2	7788.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0005	712.4	-0.0004	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0067	0.0285	425.1	0.0134	-0.0268
As1890	189.042 {4	Y_2243	ppm	0.0013	0.0007	59.18	0.0018	0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0708	0.0025	3.539	0.0726	0.069
Ba4554	455.403 { 7	Y_3710	ppm	0.0768	0.0006	0.7853	0.0772	0.0764
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0001	40.59	0.0004	0.0002
Ca3158	315.887 {1	In2306	ppm	113.9	2.418	2.122	112.2	115.6
Ca3181	318.128 {1	In2306	ppm	109.3	2.276	2.081	107.7	110.9
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	424.3	0	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0002	610.4	0.0001	-0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0003	47.13	0.0004	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0	2.06	0.0023	0.0023
Fe2404	240.488 {1	In2306	ppm	0.0179	0.0167	93.36	0.0061	0.0298
K_7664	766.490 { 4	Y_3710	ppm	3.583	0.069	1.926	3.632	3.534
K_7698	769.896 { 4	Y_3710	ppm	3.59	0.0337	0.9383	3.614	3.567
Li6707	670.784 { 5	Y_3710	ppm	0.0089	0.0005	5.093	0.0092	0.0085
Mg2790	279.079 {1	Y_3710	ppm	3.759	0.1252	3.332	3.67	3.847
Mn2576	257.610 {1	Y_3600	ppm	0.0081	0.0001	0.7149	0.0082	0.0081
Mn2576-2	257.610 {1	Y_3710	ppm	0.0101	0.0037	36.49	0.0127	0.0075
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0001	5.525	0.0019	0.0021
Na5895	589.592 { 5	Y_3710	ppm	43.5	0.9314	2.141	44.16	42.84
Na8183	818.326 { 4	Y_3710	ppm	39.27	0.5098	1.298	39.63	38.91
Ni2316	231.604 {4	In2306	ppm	0.0014	0.0002	15.34	0.0015	0.0012
P_1782	178.284 {4	In2306	ppm	0.0065	0.0002	2.997	0.0064	0.0067
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.001	360.5	-0.001	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1079	2.401	0.2224	-1081	-1078
Sb2068	206.833 {4	Y_2243	ppm	-0.002	0.0005	22.36	-0.0024	-0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0039	0.0017	44.81	0.0051	0.0027
Si2516	251.611 {1	Y_3710	ppm	1.166	0.0111	0.9481	1.174	1.158
Sn1899	189.989 {4	In2306	ppm	0.0026	0.0003	11.44	0.0028	0.0024
Sr4215	421.552 { 8	Y_3710	ppm	1.256	0.0072	0.5713	1.261	1.251
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0006	103.6	0.001	0.0002
Tl1908	190.856 {4	In2306	ppm	0.001	0.0005	48.78	0.0014	0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0007	43.02	0.0011	0.0021
Zn2062	206.200 {4	In2306	ppm	0.001	0	4.554	0.0011	0.001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.471	0.44357	0.86179	51.784	51.157
In2306	230.606 {4	Cts/S	8180.6	18.873	0.2307	8193.9	8167.3
Y_2243	224.306 {4	Cts/S	11609	41.108	0.35411	11638	11579
Y_3600	360.073 { 9	Cts/S	51982	129.59	0.2493	51890	52073
Y_3710	371.030 { 9	Cts/S	7762.3	40.34	0.51968	7733.8	7790.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0006	465.5	0.0006	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0209	0.0045	21.62	0.0241	0.0177
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0008	72.47	0.0016	0.0005
B_2496	249.678 {1	Y_3710	ppm	0.064	0.0121	18.96	0.0726	0.0554
Ba4554	455.403 { 7	Y_3710	ppm	0.0764	0.0001	0.1054	0.0764	0.0765
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	53.37	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	118.5	1.5	1.265	119.6	117.5
Ca3181	318.128 {1	In2306	ppm	113.3	1.66	1.465	114.5	112.1
Cd2288	228.802 {4	Y_2243	ppm	0	0	250.8	0	0
Co2286	228.616 {4	In2306	ppm	0	0.0001	2803	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0007	141	0.001	0
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0002	8.885	0.0023	0.0026
Fe2404	240.488 {1	In2306	ppm	0.0121	0.0022	17.8	0.0106	0.0136
K_7664	766.490 { 4	Y_3710	ppm	3.526	0.0177	0.5034	3.513	3.539
K_7698	769.896 { 4	Y_3710	ppm	3.522	0.0103	0.2924	3.514	3.529
Li6707	670.784 { 5	Y_3710	ppm	0.0087	0.0001	1.546	0.0088	0.0086
Mg2790	279.079 {1	Y_3710	ppm	3.763	0.0623	1.655	3.807	3.719
Mn2576	257.610 {1	Y_3600	ppm	0.0081	0	0.1121	0.0081	0.0081
Mn2576-2	257.610 {1	Y_3710	ppm	0.0095	0.0021	21.51	0.0081	0.011
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0.0002	11.92	0.0023	0.0019
Na5895	589.592 { 5	Y_3710	ppm	43.03	0.2421	0.5627	42.86	43.2
Na8183	818.326 { 4	Y_3710	ppm	39.11	0.0356	0.0909	39.09	39.14
Ni2316	231.604 {4	In2306	ppm	0.0018	0.0001	3.688	0.0017	0.0018
P_1782	178.284 {4	In2306	ppm	0.0061	0.0004	5.915	0.0058	0.0064
Pb2203	220.353 {4	In2306	ppm	-0.0006	0.0001	20.86	-0.0007	-0.0005
S_1820	182.034 {4	Y_2243	ppm	-1111	42.8	3.85	-1142	-1081
Sb2068	206.833 {4	Y_2243	ppm	-0.003	0.0008	25.69	-0.0025	-0.0035
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0002	6.058	0.0037	0.0034
Si2516	251.611 {1	Y_3710	ppm	1.167	0.0107	0.9172	1.159	1.175
Sn1899	189.989 {4	In2306	ppm	0.0016	0.0004	25.53	0.0013	0.0019
Sr4215	421.552 { 8	Y_3710	ppm	1.249	0.0022	0.1753	1.248	1.251
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0	16.59	0.0002	0.0003
Tl1908	190.856 {4	In2306	ppm	0.0015	0.0001	7.081	0.0014	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0003	23.16	0.0011	0.0015
Zn2062	206.200 {4	In2306	ppm	0.0009	0.0001	7.087	0.001	0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.043	0.64549	1.2899	49.587	50.5
In2306	230.606 {4	Cts/S	7999.2	251.64	3.1458	7821.3	8177.2
Y_2243	224.306 {4	Cts/S	11349	381.72	3.3634	11079	11619
Y_3600	360.073 { 9	Cts/S	51809	42.827	0.08266	51779	51840
Y_3710	371.030 { 9	Cts/S	7868.2	13.808	0.17549	7878	7858.5

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0001	40.32	-0.0004	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0135	0.066	490.6	0.0602	-0.0332
As1890	189.042 {4	Y_2243	ppm	0.0005	0.0003	59.86	0.0007	0.0003
B_2496	249.678 {1	Y_3710	ppm	0.0836	0.0041	4.89	0.0808	0.0865
Ba4554	455.403 { 7	Y_3710	ppm	0.0783	0.0053	6.77	0.082	0.0745
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	245.5	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	122.4	13.7	11.19	132	112.7
Ca3181	318.128 {1	In2306	ppm	117.2	12.67	10.81	126.2	108.3
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	52.16	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	19.65	0.0004	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0	3.502	0.0007	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.003	0	0.9275	0.0031	0.003
Fe2404	240.488 {1	In2306	ppm	0.0229	0.011	48.26	0.0151	0.0307
K_7664	766.490 { 4	Y_3710	ppm	3.648	0.1902	5.213	3.783	3.514
K_7698	769.896 { 4	Y_3710	ppm	3.62	0.2661	7.352	3.808	3.432
Li6707	670.784 { 5	Y_3710	ppm	0.0089	0.0005	5.767	0.0093	0.0086
Mg2790	279.079 {1	Y_3710	ppm	3.836	0.2145	5.593	3.988	3.684
Mn2576	257.610 {1	Y_3600	ppm	0.0164	0	0.2708	0.0164	0.0164
Mn2576-2	257.610 {1	Y_3710	ppm	0.0194	0.0025	12.85	0.0211	0.0176
Mo2020	202.030 {4	Y_2243	ppm	0.002	0	0.5623	0.002	0.002
Na5895	589.592 { 5	Y_3710	ppm	44.42	2.465	5.549	46.17	42.68
Na8183	818.326 { 4	Y_3710	ppm	40.49	2.304	5.69	42.11	38.86
Ni2316	231.604 {4	In2306	ppm	0.0014	0	0.0863	0.0014	0.0014
P_1782	178.284 {4	In2306	ppm	0.0045	0.0005	12.1	0.0041	0.0048
Pb2203	220.353 {4	In2306	ppm	0.003	0.0004	12.13	0.0027	0.0032
S_1820	182.034 {4	Y_2243	ppm	-1082	7.09	0.6555	-1087	-1077
Sb2068	206.833 {4	Y_2243	ppm	-0.0028	0.0022	79.06	-0.0013	-0.0044
Se1960	196.090 {4	Y_2243	ppm	0.0024	0.0001	4.045	0.0024	0.0025
Si2516	251.611 {1	Y_3710	ppm	1.006	0.0225	2.233	1.022	0.9901
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0001	50.55	-0.0003	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	1.277	0.0845	6.616	1.336	1.217
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0002	94.53	0.0001	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0002	29.9	0.0009	0.0006
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0005	50.7	0.0006	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0011	0.0001	7.938	0.0012	0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.109	3.9057	8.1185	45.348	50.871
In2306	230.606 {4	Cts/S	8188.1	32.734	0.39977	8165	8211.3
Y_2243	224.306 {4	Cts/S	11652	20.061	0.17216	11638	11666
Y_3600	360.073 { 9	Cts/S	51557	89.204	0.17302	51620	51494
Y_3710	371.030 { 9	Cts/S	7703	386.08	5.0121	7430	7976

[Sample Header]
Method=ICP6500Metals_TRY3(v648)
SampleName=CCV 775456
Username=admin
Comment=
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Custom ID2=
Custom ID3=
Run Time=1/26/2012 14:13:06
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2285	0.003	1.297	0.2264	0.2306
Al3082	308.215 {1	In2306	ppm	2.628	0.029	1.102	2.607	2.648
As1890	189.042 {4	Y_2243	ppm	0.5317	0.0034	0.6373	0.534	0.5293
B_2496	249.678 {1	Y_3710	ppm	0.4761	0.0096	2.017	0.4693	0.4829
Ba4554	455.403 { 7	Y_3710	ppm	0.4957	0.0043	0.8654	0.4926	0.4987
Be3130	313.042 {1	Y_3710	ppm	0.4751	0.0044	0.9265	0.472	0.4782
Ca3158	315.887 {1	In2306	ppm	12.1	0.2475	2.045	12.28	11.93
Ca3181	318.128 {1	In2306	ppm	11.7	0.2558	2.186	11.89	11.52
Cd2288	228.802 {4	Y_2243	ppm	0.5046	0.0028	0.547	0.5066	0.5027
Co2286	228.616 {4	In2306	ppm	0.4828	0.0015	0.307	0.4839	0.4818
Cr2677	267.716 {1	Y_3600	ppm	0.44	0.0088	1.993	0.4338	0.4462
Cu3247	324.754 {1	Y_3600	ppm	0.4479	0.0039	0.877	0.4451	0.4506
Fe2404	240.488 {1	In2306	ppm	2.418	0.0354	1.463	2.443	2.393
K_7664	766.490 { 4	Y_3710	ppm	13.9	0.2332	1.677	13.74	14.07
K_7698	769.896 { 4	Y_3710	ppm	14.26	0.2096	1.47	14.11	14.41
Li6707	670.784 { 5	Y_3710	ppm	0.6057	0.0092	1.526	0.5992	0.6122
Mg2790	279.079 {1	Y_3710	ppm	4.436	0.0612	1.38	4.393	4.48
Mn2576	257.610 {1	Y_3600	ppm	0.4456	0.0057	1.285	0.4415	0.4496
Mn2576-2	257.610 {1	Y_3710	ppm	0.4742	0.0039	0.8197	0.4714	0.4769
Mo2020	202.030 {4	Y_2243	ppm	0.5599	0.0051	0.9095	0.5635	0.5563
Na5895	589.592 { 5	Y_3710	ppm	14.42	0.2137	1.482	14.27	14.57
Na8183	818.326 { 4	Y_3710	ppm	13.12	0.2056	1.567	12.97	13.26
Ni2316	231.604 {4	In2306	ppm	0.5109	0.0017	0.3252	0.512	0.5097
P_1782	178.284 {4	In2306	ppm	0	0.0005	943.2	0.0004	-0.0003
Pb2203	220.353 {4	In2306	ppm	0.4993	0.0006	0.1122	0.4996	0.4989
S_1820	182.034 {4	Y_2243	ppm	-25.2	1.472	5.842	-24.16	-26.24
Sb2068	206.833 {4	Y_2243	ppm	0.5317	0.0033	0.6142	0.5341	0.5294
Se1960	196.090 {4	Y_2243	ppm	0.5591	0.0007	0.1198	0.5596	0.5586
Si2516	251.611 {1	Y_3710	ppm	0.7966	0.0427	5.365	0.7663	0.8268
Sn1899	189.989 {4	In2306	ppm	0.4671	0.002	0.4204	0.4685	0.4657
Sr4215	421.552 { 8	Y_3710	ppm	0.2659	0.0033	1.234	0.2636	0.2682
Ti3349	334.904 {1	Y_3600	ppm	0.4106	0.0057	1.381	0.4066	0.4146
Tl1908	190.856 {4	In2306	ppm	0.4674	0.0096	2.045	0.4742	0.4607
V_2924	292.402 {1	Y_3600	ppm	0.4092	0.002	0.4912	0.4078	0.4106
Zn2062	206.200 {4	In2306	ppm	0.4702	0.0007	0.1554	0.4707	0.4697

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.173	0.69056	1.3495	50.685	51.661
In2306	230.606 {4	Cts/S	8834.5	2.0755	0.02349	8836	8833
Y_2243	224.306 {4	Cts/S	12493	23.175	0.1855	12477	12510
Y_3600	360.073 { 9	Cts/S	50884	637.82	1.2535	51335	50433
Y_3710	371.030 { 9	Cts/S	7994.5	69.253	0.86626	8043.4	7945.5

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 14:15:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0041	0.0007	16.76	0.0046	0.0036
Al3082	308.215 {1	In2306	ppm	0.1067	0.0043	4.027	0.1037	0.1097
As1890	189.042 {4	Y_2243	ppm	0.0105	0.0005	5.136	0.0102	0.0109
B_2496	249.678 {1	Y_3710	ppm	0.0051	0.0038	74.77	0.0024	0.0078
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0001	1.463	0.0099	0.0101
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0001	1.956	0.0047	0.0046
Ca3158	315.887 {1	In2306	ppm	0.0571	0.017	29.75	0.0692	0.0451
Ca3181	318.128 {1	In2306	ppm	0.1065	0.0029	2.708	0.1086	0.1045
Cd2288	228.802 {4	Y_2243	ppm	0.0056	0.0006	9.901	0.0052	0.0059
Co2286	228.616 {4	In2306	ppm	0.0102	0.0005	5.17	0.0098	0.0106
Cr2677	267.716 {1	Y_3600	ppm	0.0085	0.0003	3.265	0.0083	0.0087
Cu3247	324.754 {1	Y_3600	ppm	0.0116	0.0001	0.887	0.0115	0.0117
Fe2404	240.488 {1	In2306	ppm	0.0886	0.0215	24.32	0.0733	0.1038
K_7664	766.490 { 4	Y_3710	ppm	0.6594	0.0012	0.1787	0.6586	0.6603
K_7698	769.896 { 4	Y_3710	ppm	0.5276	0.0134	2.533	0.5181	0.537
Li6707	670.784 { 5	Y_3710	ppm	0.0115	0	0.1751	0.0115	0.0115
Mg2790	279.079 {1	Y_3710	ppm	0.0912	0.0157	17.24	0.0801	0.1023
Mn2576	257.610 {1	Y_3600	ppm	0.0091	0	0.0215	0.0091	0.0091
Mn2576-2	257.610 {1	Y_3710	ppm	0.0107	0.0005	4.377	0.011	0.0104
Mo2020	202.030 {4	Y_2243	ppm	0.0127	0.0008	6.153	0.0121	0.0132
Na5895	589.592 { 5	Y_3710	ppm	0.7407	0.0153	2.062	0.7299	0.7515
Na8183	818.326 { 4	Y_3710	ppm	0.5216	0.0391	7.505	0.5493	0.4939
Ni2316	231.604 {4	In2306	ppm	0.0111	0.001	8.606	0.0104	0.0118
P_1782	178.284 {4	In2306	ppm	0.0089	0.0001	0.6398	0.0088	0.0089
Pb2203	220.353 {4	In2306	ppm	0.0095	0.0007	7.703	0.009	0.01
S_1820	182.034 {4	Y_2243	ppm	0.288	0.0554	19.25	0.3272	0.2488
Sb2068	206.833 {4	Y_2243	ppm	0.0145	0.0006	3.914	0.0141	0.0149
Se1960	196.090 {4	Y_2243	ppm	0.0121	0.0016	13.3	0.0132	0.0109
Si2516	251.611 {1	Y_3710	ppm	0.0061	0.0167	273.5	-0.0057	0.018
Sn1899	189.989 {4	In2306	ppm	0.0099	0.0005	4.83	0.0096	0.0103
Sr4215	421.552 { 8	Y_3710	ppm	0.0053	0.0001	1.537	0.0053	0.0054
Ti3349	334.904 {1	Y_3600	ppm	0.0084	0.0005	6.167	0.0088	0.0081
Tl1908	190.856 {4	In2306	ppm	0.0126	0.0047	36.9	0.0093	0.0159
V_2924	292.402 {1	Y_3600	ppm	0.0081	0.0008	9.996	0.0087	0.0075
Zn2062	206.200 {4	In2306	ppm	0.0085	0.0006	6.942	0.0081	0.0089

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.777	1.1925	2.3032	52.62	50.934
In2306	230.606 {4	Cts/S	9233.7	57.155	0.61898	9274.2	9193.3
Y_2243	224.306 {4	Cts/S	12475	81.583	0.65398	12532	12417
Y_3600	360.073 { 9	Cts/S	49515	65.532	0.13235	49562	49469
Y_3710	371.030 { 9	Cts/S	8080.9	59.535	0.73674	8123	8038.9

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0003	61.92	0.0003	0.0008
Al3082	308.215 {1	In2306	ppm	0.0147	0.0117	80.02	0.0064	0.0229
As1890	189.042 {4	Y_2243	ppm	-0.0015	0.0006	38.96	-0.0019	-0.0011
B_2496	249.678 {1	Y_3710	ppm	0.004	0.0022	53.56	0.0025	0.0055
Ba4554	455.403 { 7	Y_3710	ppm	-0.0002	0.0001	82.35	-0.0001	-0.0003
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	59.1	0.0003	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0354	0.0112	31.63	-0.0433	-0.0275
Ca3181	318.128 {1	In2306	ppm	0.0703	0.0313	44.54	0.0924	0.0482
Cd2288	228.802 {4	Y_2243	ppm	0	0.0002	1586	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0	0	72.19	0.0001	0
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0001	14.61	-0.0005	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0.0003	12.68	0.0021	0.0025
Fe2404	240.488 {1	In2306	ppm	-0.0014	0.0202	1401	0.0128	-0.0157
K_7664	766.490 { 4	Y_3710	ppm	-0.008	0.0076	95.87	-0.0026	-0.0134
K_7698	769.896 { 4	Y_3710	ppm	-0.1327	0.0144	10.86	-0.1225	-0.1429
Li6707	670.784 { 5	Y_3710	ppm	-0.0008	0.0001	11.73	-0.0007	-0.0008
Mg2790	279.079 {1	Y_3710	ppm	-0.0545	0.0257	47.15	-0.0726	-0.0363
Mn2576	257.610 {1	Y_3600	ppm	-0.0002	0	14.78	-0.0002	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0015	0.0009	58.56	0.0009	0.0022
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	322.1	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0138	0.0005	3.513	0.0134	0.0141
Na8183	818.326 { 4	Y_3710	ppm	0.0937	0.0681	72.64	0.0456	0.1419
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	436.8	0.0002	-0.0001
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0008	97.35	-0.0003	-0.0014
Pb2203	220.353 {4	In2306	ppm	-0.0005	0.0002	34.22	-0.0004	-0.0006
S_1820	182.034 {4	Y_2243	ppm	0.2747	0.0183	6.657	0.2876	0.2617
Sb2068	206.833 {4	Y_2243	ppm	-0.0015	0.0006	37.3	-0.0019	-0.0011
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0022	319.3	-0.0009	0.0023
Si2516	251.611 {1	Y_3710	ppm	-0.0373	0.0032	8.692	-0.035	-0.0396
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0003	79.52	-0.0006	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	77.89	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0005	149.4	-0.0007	0
Tl1908	190.856 {4	In2306	ppm	0.0022	0	1.738	0.0023	0.0022
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0006	448	-0.0005	0.0003
Zn2062	206.200 {4	In2306	ppm	-0.0011	0.0001	5.442	-0.0011	-0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.687	0.27484	0.52165	52.493	52.881
In2306	230.606 {4	Cts/S	9386.2	3.9476	0.04206	9383.4	9389
Y_2243	224.306 {4	Cts/S	12593	15.204	0.12073	12583	12604
Y_3600	360.073 { 9	Cts/S	49891	100.99	0.20242	49820	49963
Y_3710	371.030 { 9	Cts/S	8028	18.346	0.22853	8015.1	8041

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0002	111.7	-0.0003	0
Al3082	308.215 {1	In2306	ppm	0.0813	0.0312	38.4	0.1034	0.0592
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0003	26.76	0.0009	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.037	0.0024	6.563	0.0387	0.0353
Ba4554	455.403 { 7	Y_3710	ppm	0.024	0.0002	0.8979	0.0238	0.0241
Be3130	313.042 {1	Y_3710	ppm	0	0	360.8	0	0
Ca3158	315.887 {1	In2306	ppm	21.82	0.0477	0.2184	21.85	21.78
Ca3181	318.128 {1	In2306	ppm	20.65	0.0454	0.2201	20.68	20.62
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	59.88	0.0002	0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0	5.4	0.0003	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0003	31.84	0.0008	0.0012
Cu3247	324.754 {1	Y_3600	ppm	0.0055	0.0002	2.759	0.0057	0.0054
Fe2404	240.488 {1	In2306	ppm	0.0605	0.012	19.89	0.069	0.052
K_7664	766.490 { 4	Y_3710	ppm	0.4543	0.0018	0.3973	0.4556	0.453
K_7698	769.896 { 4	Y_3710	ppm	0.3174	0.0038	1.184	0.32	0.3147
Li6707	670.784 { 5	Y_3710	ppm	0.005	0.0001	2.704	0.0049	0.0051
Mg2790	279.079 {1	Y_3710	ppm	1.455	0.0698	4.795	1.406	1.504
Mn2576	257.610 {1	Y_3600	ppm	0.0178	0.0001	0.6601	0.0178	0.0177
Mn2576-2	257.610 {1	Y_3710	ppm	0.0207	0.0012	5.66	0.0198	0.0215
Mo2020	202.030 {4	Y_2243	ppm	0.0079	0.0006	7.821	0.0083	0.0075
Na5895	589.592 { 5	Y_3710	ppm	2.958	0.034	1.149	2.934	2.982
Na8183	818.326 { 4	Y_3710	ppm	2.472	0.0285	1.151	2.452	2.492
Ni2316	231.604 {4	In2306	ppm	0.0004	0	9.552	0.0004	0.0004
P_1782	178.284 {4	In2306	ppm	0.0506	0.0022	4.425	0.0522	0.0491
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0016	187.8	-0.0003	0.002
S_1820	182.034 {4	Y_2243	ppm	-55.24	2.493	4.512	-57	-53.47
Sb2068	206.833 {4	Y_2243	ppm	-0.0011	0.0013	118.7	-0.002	-0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0007	34.4	0.0026	0.0016
Si2516	251.611 {1	Y_3710	ppm	1.064	0.0249	2.34	1.046	1.081
Sn1899	189.989 {4	In2306	ppm	0.0004	0	8.383	0.0004	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0859	0.0005	0.5296	0.0856	0.0863
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0	1.59	0.0012	0.0011
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0009	74.04	0.0006	0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0019	0.0001	6.726	0.0018	0.002
Zn2062	206.200 {4	In2306	ppm	0.0103	0.0006	5.945	0.0108	0.0099

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.739	0.25817	0.50882	50.921	50.556
In2306	230.606 {4	Cts/S	8955.7	77.101	0.86091	8901.2	9010.3
Y_2243	224.306 {4	Cts/S	12212	140.51	1.1506	12113	12312
Y_3600	360.073 { 9	Cts/S	49858	214.51	0.43023	49707	50010
Y_3710	371.030 { 9	Cts/S	7901	45.872	0.58059	7933.5	7868.6

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 14:23:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	61.52	-0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0708	0.0449	63.39	0.1026	0.0391
As1890	189.042 {4	Y_2243	ppm	0.002	0.0001	4.365	0.0021	0.002
B_2496	249.678 {1	Y_3710	ppm	0.0349	0.0064	18.37	0.0304	0.0394
Ba4554	455.403 { 7	Y_3710	ppm	0.0236	0.0002	0.6542	0.0237	0.0235
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	100.2	0	0.0002
Ca3158	315.887 {1	In2306	ppm	22.62	0.7535	3.331	23.15	22.09
Ca3181	318.128 {1	In2306	ppm	21.66	0.7132	3.293	22.16	21.16
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	76.14	-0.0002	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	11.27	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0004	58.34	0.0009	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0049	0.0005	11.12	0.0053	0.0045
Fe2404	240.488 {1	In2306	ppm	0.0569	0.0059	10.4	0.0527	0.0611
K_7664	766.490 { 4	Y_3710	ppm	0.4534	0.0031	0.689	0.4556	0.4512
K_7698	769.896 { 4	Y_3710	ppm	0.3376	0.0409	12.11	0.3087	0.3665
Li6707	670.784 { 5	Y_3710	ppm	0.0051	0.0002	4.696	0.0049	0.0052
Mg2790	279.079 {1	Y_3710	ppm	1.482	0.0011	0.0735	1.483	1.481
Mn2576	257.610 {1	Y_3600	ppm	0.0174	0.0001	0.5036	0.0175	0.0174
Mn2576-2	257.610 {1	Y_3710	ppm	0.0205	0.0015	7.108	0.0215	0.0194
Mo2020	202.030 {4	Y_2243	ppm	0.0086	0.0001	1.712	0.0087	0.0085
Na5895	589.592 { 5	Y_3710	ppm	2.882	0.0492	1.706	2.847	2.916
Na8183	818.326 { 4	Y_3710	ppm	2.389	0.0655	2.741	2.343	2.436
Ni2316	231.604 {4	In2306	ppm	0.0006	0.0001	26.37	0.0007	0.0004
P_1782	178.284 {4	In2306	ppm	0.0533	0.0008	1.569	0.0539	0.0527
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0001	13.51	0.0007	0.0009
S_1820	182.034 {4	Y_2243	ppm	-56.86	0.2213	0.3892	-57.02	-56.71
Sb2068	206.833 {4	Y_2243	ppm	-0.0028	0.0008	29.89	-0.0034	-0.0022
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0019	150.7	0.0026	-0.0001
Si2516	251.611 {1	Y_3710	ppm	1.087	0.0069	0.6305	1.082	1.092
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0002	40.03	-0.0003	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0862	0.0001	0.0782	0.0862	0.0862
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0006	70.6	0.0004	0.0013
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0004	33.63	0.0009	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0025	0.0005	18.35	0.0022	0.0028
Zn2062	206.200 {4	In2306	ppm	0.0108	0.0001	0.4762	0.0108	0.0107

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.204	1.1053	2.2016	49.422	50.985
In2306	230.606 {4	Cts/S	9005.2	10.657	0.11834	9012.8	8997.7
Y_2243	224.306 {4	Cts/S	12383	6.9098	0.0558	12388	12378
Y_3600	360.073 { 9	Cts/S	50177	202.1	0.40278	50034	50320
Y_3710	371.030 { 9	Cts/S	7864.2	17.663	0.2246	7876.7	7851.7

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4696	0.0015	0.3203	0.4686	0.4707
Al3082	308.215 {1	In2306	ppm	10.82	0.1011	0.9336	10.75	10.9
As1890	189.042 {4	Y_2243	ppm	1.084	0.0064	0.5919	1.089	1.08
B_2496	249.678 {1	Y_3710	ppm	1.016	0.0239	2.35	0.9995	1.033
Ba4554	455.403 { 7	Y_3710	ppm	1.047	0.0037	0.3528	1.044	1.05
Be3130	313.042 {1	Y_3710	ppm	0.4873	0.0026	0.5429	0.4855	0.4892
Ca3158	315.887 {1	In2306	ppm	32.69	0.5032	1.539	32.33	33.04
Ca3181	318.128 {1	In2306	ppm	31.17	0.3022	0.9696	30.95	31.38
Cd2288	228.802 {4	Y_2243	ppm	0.5103	0.0027	0.5232	0.5122	0.5084
Co2286	228.616 {4	In2306	ppm	0.9736	0.002	0.204	0.975	0.9722
Cr2677	267.716 {1	Y_3600	ppm	0.8752	0.0048	0.5526	0.8718	0.8787
Cu3247	324.754 {1	Y_3600	ppm	0.9388	0.0022	0.2291	0.9404	0.9373
Fe2404	240.488 {1	In2306	ppm	9.784	0.0683	0.6982	9.736	9.833
K_7664	766.490 { 4	Y_3710	ppm	12.7	0.0475	0.374	12.66	12.73
K_7698	769.896 { 4	Y_3710	ppm	12.9	0.0335	0.2599	12.88	12.93
Li6707	670.784 { 5	Y_3710	ppm	0.6682	0.0037	0.549	0.6656	0.6708
Mg2790	279.079 {1	Y_3710	ppm	10.72	0.0314	0.2929	10.74	10.7
Mn2576	257.610 {1	Y_3600	ppm	0.9045	0.0032	0.3543	0.9022	0.9067
Mn2576-2	257.610 {1	Y_3710	ppm	0.9893	0.007	0.7102	0.9844	0.9943
Mo2020	202.030 {4	Y_2243	ppm	1.128	0.0079	0.7035	1.133	1.122
Na5895	589.592 { 5	Y_3710	ppm	15.54	0.0821	0.5281	15.49	15.6
Na8183	818.326 { 4	Y_3710	ppm	13.49	0.0109	0.0806	13.48	13.5
Ni2316	231.604 {4	In2306	ppm	1.026	0.0033	0.3192	1.029	1.024
P_1782	178.284 {4	In2306	ppm	0.0573	0	0.0476	0.0573	0.0574
Pb2203	220.353 {4	In2306	ppm	1.006	0.0018	0.1838	1.007	1.005
S_1820	182.034 {4	Y_2243	ppm	-57.79	0.329	0.5693	-58.02	-57.55
Sb2068	206.833 {4	Y_2243	ppm	1.078	0.0104	0.9657	1.085	1.07
Se1960	196.090 {4	Y_2243	ppm	1.128	0.0097	0.8588	1.135	1.121
Si2516	251.611 {1	Y_3710	ppm	1.987	0.0234	1.18	1.97	2.003
Sn1899	189.989 {4	In2306	ppm	0.9401	0.0014	0.146	0.9411	0.9391
Sr4215	421.552 { 8	Y_3710	ppm	0.6261	0.0028	0.446	0.6241	0.628
Ti3349	334.904 {1	Y_3600	ppm	0.8296	0.0022	0.2651	0.8281	0.8312
Tl1908	190.856 {4	In2306	ppm	0.9457	0.0125	1.322	0.9546	0.9369
V_2924	292.402 {1	Y_3600	ppm	0.8226	0.0025	0.309	0.8208	0.8244
Zn2062	206.200 {4	In2306	ppm	0.9467	0.0014	0.1447	0.9457	0.9476

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.214	0.37307	0.74296	50.478	49.95
In2306	230.606 {4	Cts/S	8529.3	25.868	0.30329	8511.1	8547.6
Y_2243	224.306 {4	Cts/S	12210	62.599	0.51269	12166	12254
Y_3600	360.073 { 9	Cts/S	50034	3.6062	0.00721	50036	50031
Y_3710	371.030 { 9	Cts/S	7760.7	24.724	0.31858	7778.2	7743.2

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4554	0.0202	4.43	0.4697	0.4412
Al3082	308.215 {1	In2306	ppm	11.2	0.1792	1.6	11.32	11.07
As1890	189.042 {4	Y_2243	ppm	1.078	0.0119	1.104	1.087	1.07
B_2496	249.678 {1	Y_3710	ppm	1.017	0.0267	2.622	1.036	0.998
Ba4554	455.403 { 7	Y_3710	ppm	1.06	0.0015	0.1421	1.061	1.059
Be3130	313.042 {1	Y_3710	ppm	0.4874	0.0003	0.0685	0.4876	0.4872
Ca3158	315.887 {1	In2306	ppm	31.76	0.622	1.959	32.2	31.32
Ca3181	318.128 {1	In2306	ppm	30.27	0.4504	1.488	30.59	29.95
Cd2288	228.802 {4	Y_2243	ppm	0.5054	0.0079	1.565	0.511	0.4998
Co2286	228.616 {4	In2306	ppm	0.9602	0.0098	1.023	0.9671	0.9532
Cr2677	267.716 {1	Y_3600	ppm	0.8421	0.0396	4.701	0.8701	0.8141
Cu3247	324.754 {1	Y_3600	ppm	0.9176	0.0427	4.654	0.9478	0.8874
Fe2404	240.488 {1	In2306	ppm	9.638	0.1485	1.54	9.743	9.533
K_7664	766.490 { 4	Y_3710	ppm	13.26	0.0718	0.5412	13.31	13.21
K_7698	769.896 { 4	Y_3710	ppm	13.49	0.0368	0.2731	13.52	13.47
Li6707	670.784 { 5	Y_3710	ppm	0.7089	0.0038	0.5359	0.7116	0.7062
Mg2790	279.079 {1	Y_3710	ppm	10.66	0.033	0.3093	10.63	10.68
Mn2576	257.610 {1	Y_3600	ppm	0.8723	0.0386	4.43	0.8997	0.845
Mn2576-2	257.610 {1	Y_3710	ppm	0.978	0.0047	0.4791	0.9747	0.9813
Mo2020	202.030 {4	Y_2243	ppm	1.123	0.0187	1.664	1.136	1.11
Na5895	589.592 { 5	Y_3710	ppm	16.31	0.0473	0.2899	16.34	16.27
Na8183	818.326 { 4	Y_3710	ppm	13.84	0.1126	0.8137	13.76	13.92
Ni2316	231.604 {4	In2306	ppm	1.015	0.0107	1.057	1.022	1.007
P_1782	178.284 {4	In2306	ppm	0.0551	0.0001	0.1015	0.0551	0.0551
Pb2203	220.353 {4	In2306	ppm	0.9904	0.0083	0.8332	0.9962	0.9846
S_1820	182.034 {4	Y_2243	ppm	-57.36	0.7777	1.356	-57.91	-56.81
Sb2068	206.833 {4	Y_2243	ppm	1.086	0.0211	1.939	1.101	1.071
Se1960	196.090 {4	Y_2243	ppm	1.128	0.0164	1.451	1.139	1.116
Si2516	251.611 {1	Y_3710	ppm	1.999	0.0037	0.1842	1.996	2.001
Sn1899	189.989 {4	In2306	ppm	0.9275	0.0098	1.053	0.9344	0.9206
Sr4215	421.552 { 8	Y_3710	ppm	0.6313	0.0001	0.0232	0.6312	0.6314
Ti3349	334.904 {1	Y_3600	ppm	0.7993	0.0358	4.476	0.8246	0.774
Tl1908	190.856 {4	In2306	ppm	0.928	0.0234	2.519	0.9445	0.9115
V_2924	292.402 {1	Y_3600	ppm	0.7958	0.0362	4.544	0.8213	0.7702
Zn2062	206.200 {4	In2306	ppm	0.9244	0.0076	0.8212	0.9298	0.919

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.757	0.99976	2.0093	49.05	50.464
In2306	230.606 {4	Cts/S	8530	72.247	0.84697	8479	8581.1
Y_2243	224.306 {4	Cts/S	12144	135.09	1.1125	12048	12239
Y_3600	360.073 { 9	Cts/S	51187	1866.3	3.6461	49867	52506
Y_3710	371.030 { 9	Cts/S	7702.4	20.639	0.26795	7687.8	7717

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0	6.186	0.0005	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0414	0.0086	20.73	-0.0475	-0.0353
As1890	189.042 {4	Y_2243	ppm	0.0165	0.0096	58.04	0.0097	0.0233
B_2496	249.678 {1	Y_3710	ppm	0.8596	0.0051	0.591	0.856	0.8632
Ba4554	455.403 { 7	Y_3710	ppm	0.0055	0.0002	3.01	0.0054	0.0056
Be3130	313.042 {1	Y_3710	ppm	0	0	53.92	0	0
Ca3158	315.887 {1	In2306	ppm	0.6934	0.0068	0.9761	0.6886	0.6982
Ca3181	318.128 {1	In2306	ppm	0.6874	0.0034	0.4934	0.6898	0.685
Cd2288	228.802 {4	Y_2243	ppm	0.0046	0.0057	123.3	0.0006	0.0086
Co2286	228.616 {4	In2306	ppm	0.0312	0.0112	35.92	0.0232	0.0391
Cr2677	267.716 {1	Y_3600	ppm	0.0184	0	0.1835	0.0184	0.0184
Cu3247	324.754 {1	Y_3600	ppm	0.0049	0.0004	8.846	0.0052	0.0046
Fe2404	240.488 {1	In2306	ppm	0.2819	0.0121	4.281	0.2904	0.2734
K_7664	766.490 { 4	Y_3710	ppm	0.2349	0.0096	4.08	0.2281	0.2417
K_7698	769.896 { 4	Y_3710	ppm	0.0816	0.0045	5.469	0.0784	0.0847
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0002	55.83	0.0005	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.3219	0.0806	25.05	0.2649	0.3789
Mn2576	257.610 {1	Y_3600	ppm	0.0543	0.0003	0.5157	0.0545	0.0541
Mn2576-2	257.610 {1	Y_3710	ppm	0.0577	0.0013	2.288	0.0586	0.0567
Mo2020	202.030 {4	Y_2243	ppm	0.0204	0.0156	76.32	0.0094	0.0314
Na5895	589.592 { 5	Y_3710	ppm	33.77	0.2987	0.8846	33.55	33.98
Na8183	818.326 { 4	Y_3710	ppm	29.39	0.1137	0.3869	29.47	29.31
Ni2316	231.604 {4	In2306	ppm	0.0344	0.0117	33.95	0.0262	0.0427
P_1782	178.284 {4	In2306	ppm	0.0415	0.0003	0.6832	0.0413	0.0417
Pb2203	220.353 {4	In2306	ppm	0.0075	0.0095	126.5	0.0008	0.0143
S_1820	182.034 {4	Y_2243	ppm	-2096	30.24	1.442	-2117	-2075
Sb2068	206.833 {4	Y_2243	ppm	0.024	0.0114	47.46	0.0159	0.032
Se1960	196.090 {4	Y_2243	ppm	0.034	0.0112	32.94	0.0261	0.0419
Si2516	251.611 {1	Y_3710	ppm	2.213	0.0061	0.2739	2.218	2.209
Sn1899	189.989 {4	In2306	ppm	0.0117	0.012	103.1	0.0032	0.0202
Sr4215	421.552 { 8	Y_3710	ppm	0.0044	0	0.4338	0.0044	0.0043
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0004	42.6	0.0014	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0171	0.0162	94.51	0.0057	0.0286
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0002	33.79	0.0005	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0512	0.0102	19.88	0.044	0.0584

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.879	0.51138	0.9857	52.241	51.518
In2306	230.606 {4	Cts/S	8901.8	4.623	0.05193	8905	8898.5
Y_2243	224.306 {4	Cts/S	12255	10.149	0.08282	12248	12262
Y_3600	360.073 { 9	Cts/S	50110	339.65	0.67781	49870	50350
Y_3710	371.030 { 9	Cts/S	7930.4	49.653	0.62611	7895.3	7965.5

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4645	0.0009	0.1983	0.4652	0.4639
Al3082	308.215 {1	In2306	ppm	10.92	0.2074	1.9	11.06	10.77
As1890	189.042 {4	Y_2243	ppm	1.124	0.0104	0.9219	1.116	1.131
B_2496	249.678 {1	Y_3710	ppm	1.067	0.0196	1.84	1.053	1.081
Ba4554	455.403 { 7	Y_3710	ppm	1.095	0.0042	0.3812	1.092	1.098
Be3130	313.042 {1	Y_3710	ppm	0.4753	0.0015	0.3154	0.4764	0.4742
Ca3158	315.887 {1	In2306	ppm	126.6	2.477	1.956	128.4	124.9
Ca3181	318.128 {1	In2306	ppm	122	2.716	2.227	123.9	120
Cd2288	228.802 {4	Y_2243	ppm	0.5221	0.0021	0.4102	0.5206	0.5236
Co2286	228.616 {4	In2306	ppm	0.9743	0.0088	0.9081	0.9681	0.9806
Cr2677	267.716 {1	Y_3600	ppm	0.8525	0.0037	0.4388	0.8499	0.8552
Cu3247	324.754 {1	Y_3600	ppm	0.9461	0.0113	1.191	0.9541	0.9382
Fe2404	240.488 {1	In2306	ppm	9.722	0.1876	1.929	9.855	9.59
K_7664	766.490 { 4	Y_3710	ppm	15.2	0.048	0.3158	15.23	15.16
K_7698	769.896 { 4	Y_3710	ppm	15.62	0.029	0.1854	15.6	15.64
Li6707	670.784 { 5	Y_3710	ppm	1.283	0.0069	0.5359	1.278	1.288
Mg2790	279.079 {1	Y_3710	ppm	12.99	0.069	0.5311	12.94	13.03
Mn2576	257.610 {1	Y_3600	ppm	0.9297	0.0021	0.231	0.9282	0.9312
Mn2576-2	257.610 {1	Y_3710	ppm	1.025	0.0031	0.2983	1.023	1.027
Mo2020	202.030 {4	Y_2243	ppm	1.109	0.0021	0.1911	1.108	1.111
Na5895	589.592 { 5	Y_3710	ppm	57.28	0.0944	0.1649	57.21	57.34
Na8183	818.326 { 4	Y_3710	ppm	52.6	0.2206	0.4194	52.44	52.75
Ni2316	231.604 {4	In2306	ppm	1.041	0.0094	0.8994	1.034	1.048
P_1782	178.284 {4	In2306	ppm	1.081	0.0042	0.3928	1.078	1.084
Pb2203	220.353 {4	In2306	ppm	1.011	0.0087	0.8626	1.005	1.017
S_1820	182.034 {4	Y_2243	ppm	-1090	5.756	0.5281	-1086	-1094
Sb2068	206.833 {4	Y_2243	ppm	1.119	0.0021	0.1908	1.121	1.118
Se1960	196.090 {4	Y_2243	ppm	1.156	0.0036	0.3083	1.153	1.158
Si2516	251.611 {1	Y_3710	ppm	2.274	0.0084	0.3673	2.268	2.28
Sn1899	189.989 {4	In2306	ppm	0.9348	0.0098	1.046	0.9279	0.9417
Sr4215	421.552 { 8	Y_3710	ppm	1.745	0.0058	0.3324	1.74	1.749
Ti3349	334.904 {1	Y_3600	ppm	0.8051	0.0002	0.0207	0.805	0.8052
Tl1908	190.856 {4	In2306	ppm	0.9472	0.0018	0.195	0.9459	0.9485
V_2924	292.402 {1	Y_3600	ppm	0.8016	0.0007	0.0879	0.8021	0.8011
Zn2062	206.200 {4	In2306	ppm	0.9566	0.0118	1.232	0.9483	0.965

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.94	0.79264	1.6196	48.379	49.5
In2306	230.606 {4	Cts/S	7953.3	14.699	0.18482	7963.7	7942.9
Y_2243	224.306 {4	Cts/S	11593	10.604	0.09147	11585	11600
Y_3600	360.073 { 9	Cts/S	51200	259.8	0.50742	51017	51384
Y_3710	371.030 { 9	Cts/S	7696.9	2.4045	0.03124	7698.6	7695.2

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	286	0	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0466	0.0271	58.26	0.0658	0.0274
As1890	189.042 {4	Y_2243	ppm	0.0009	0	0.1259	0.0009	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.012	0.0028	23.31	0.014	0.01
Ba4554	455.403 { 7	Y_3710	ppm	0.0151	0.0003	1.991	0.0154	0.0149
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	70.69	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	22.58	0.0526	0.2329	22.62	22.55
Ca3181	318.128 {1	In2306	ppm	21.62	0.066	0.3054	21.67	21.58
Cd2288	228.802 {4	Y_2243	ppm	0.0006	0.0008	138	0	0.0011
Co2286	228.616 {4	In2306	ppm	0.0013	0.0017	122.9	0.0002	0.0025
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	88.74	0.0001	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0017	0.0001	4.237	0.0017	0.0016
Fe2404	240.488 {1	In2306	ppm	-0.0006	0.0114	1997	0.0075	-0.0086
K_7664	766.490 { 4	Y_3710	ppm	0.7011	0.0195	2.784	0.6873	0.7149
K_7698	769.896 { 4	Y_3710	ppm	0.5421	0.005	0.9141	0.5386	0.5456
Li6707	670.784 { 5	Y_3710	ppm	0.0017	0.0002	8.764	0.0018	0.0016
Mg2790	279.079 {1	Y_3710	ppm	0.748	0.0421	5.628	0.7182	0.7778
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0002	1.578	0.01	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.012	0.0035	29.39	0.0144	0.0095
Mo2020	202.030 {4	Y_2243	ppm	0.0042	0.0026	62.58	0.0024	0.0061
Na5895	589.592 { 5	Y_3710	ppm	8.873	0.1895	2.136	8.739	9.007
Na8183	818.326 { 4	Y_3710	ppm	8.006	0.1049	1.31	7.932	8.081
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0016	105.6	0.0004	0.0026
P_1782	178.284 {4	In2306	ppm	0.0019	0.0006	30.95	0.0014	0.0023
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0014	401.6	-0.0006	0.0013
S_1820	182.034 {4	Y_2243	ppm	-207.8	0.5787	0.2785	-207.4	-208.2
Sb2068	206.833 {4	Y_2243	ppm	0.0075	0.0006	8.035	0.0071	0.0079
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0008	26.84	0.0024	0.0036
Si2516	251.611 {1	Y_3710	ppm	0.2452	0.0246	10.04	0.2626	0.2278
Sn1899	189.989 {4	In2306	ppm	0.002	0.0022	108.6	0.0005	0.0036
Sr4215	421.552 { 8	Y_3710	ppm	0.2399	0.0008	0.3456	0.2393	0.2405
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0002	18.57	0.001	0.0012
Tl1908	190.856 {4	In2306	ppm	0.0031	0.0034	106.9	0.0008	0.0055
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0006	158.8	0.0008	0
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0014	46.27	0.0021	0.0042

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.515	0.56035	1.0877	51.911	51.119
In2306	230.606 {4	Cts/S	8980.3	0.99017	0.01103	8979.6	8981
Y_2243	224.306 {4	Cts/S	12402	1.9049	0.01536	12401	12403
Y_3600	360.073 { 9	Cts/S	51040	66.877	0.13103	50992	51087
Y_3710	371.030 { 9	Cts/S	8030.9	6.3454	0.07901	8026.5	8035.4

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 14:38:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0005	213.3	0.0005	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0758	0.0656	86.62	0.1222	0.0294
As1890	189.042 {4	Y_2243	ppm	-0.0016	0.0003	16.59	-0.0018	-0.0015
B_2496	249.678 {1	Y_3710	ppm	-0.0015	0.0111	755.8	-0.0093	0.0064
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	137.3	0	0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	52.83	0	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0351	0.0129	36.78	-0.0443	-0.026
Ca3181	318.128 {1	In2306	ppm	0.0104	0.0208	201.2	0.0251	-0.0044
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	94.16	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	51.61	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0002	226.6	-0.0002	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0021	0	0.9425	0.0021	0.0021
Fe2404	240.488 {1	In2306	ppm	-0.0096	0.0233	242.9	-0.026	0.0069
K_7664	766.490 { 4	Y_3710	ppm	-0.0038	0.0111	292	0.0041	-0.0117
K_7698	769.896 { 4	Y_3710	ppm	-0.1879	0.0058	3.114	-0.1837	-0.192
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0002	286.6	-0.0001	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0252	0.0175	69.37	-0.0129	-0.0376
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0.0001	161	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0004	0.0004	94.33	0.0007	0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0	1.218	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.006	0.0069	114.6	0.0109	0.0011
Na8183	818.326 { 4	Y_3710	ppm	-0.2092	0.1512	72.26	-0.1023	-0.3161
Ni2316	231.604 {4	In2306	ppm	0.0002	0	21.08	0.0002	0.0001
P_1782	178.284 {4	In2306	ppm	-0.0001	0.0009	882.7	0.0005	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0001	20.81	0.0008	0.0006
S_1820	182.034 {4	Y_2243	ppm	-0.3398	0.4133	121.6	-0.0475	-0.6321
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0.0002	231.6	-0.0001	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0011	0.0006	52.78	0.0015	0.0007
Si2516	251.611 {1	Y_3710	ppm	-0.031	0.0024	7.831	-0.0293	-0.0327
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0002	118.6	0	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	59.63	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0004	55.03	0.0009	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0015	0.0002	13.96	0.0016	0.0013
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0002	92.96	-0.0001	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.0004	0	8.327	0.0004	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.398	0.42428	0.82548	51.098	51.698
In2306	230.606 {4	Cts/S	9288.2	3.3728	0.03631	9285.8	9290.5
Y_2243	224.306 {4	Cts/S	12476	15.721	0.12601	12465	12487
Y_3600	360.073 { 9	Cts/S	49539	41.83	0.08444	49509	49568
Y_3710	371.030 { 9	Cts/S	8049.3	14.179	0.17616	8039.2	8059.3

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Custom ID3=
Run Time=1/26/2012 14:41:01
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4665	0.0013	0.2803	0.4656	0.4674
Al3082	308.215 {1	In2306	ppm	10.55	0.2216	2.101	10.71	10.39
As1890	189.042 {4	Y_2243	ppm	1.08	0.007	0.653	1.085	1.075
B_2496	249.678 {1	Y_3710	ppm	0.9229	0.0039	0.426	0.9257	0.9201
Ba4554	455.403 { 7	Y_3710	ppm	0.9959	0.0185	1.86	1.009	0.9828
Be3130	313.042 {1	Y_3710	ppm	0.4697	0.0056	1.192	0.4736	0.4657
Ca3158	315.887 {1	In2306	ppm	9.477	0.2349	2.479	9.643	9.311
Ca3181	318.128 {1	In2306	ppm	9.142	0.2765	3.024	9.337	8.946
Cd2288	228.802 {4	Y_2243	ppm	0.5069	0.0018	0.3518	0.5081	0.5056
Co2286	228.616 {4	In2306	ppm	0.9651	0.0011	0.1127	0.9659	0.9643
Cr2677	267.716 {1	Y_3600	ppm	0.877	0.006	0.6829	0.8728	0.8812
Cu3247	324.754 {1	Y_3600	ppm	0.9215	0.0049	0.5349	0.918	0.925
Fe2404	240.488 {1	In2306	ppm	9.498	0.2919	3.074	9.705	9.292
K_7664	766.490 { 4	Y_3710	ppm	11.85	0.0963	0.8123	11.92	11.78
K_7698	769.896 { 4	Y_3710	ppm	11.99	0.1438	1.2	12.09	11.89
Li6707	670.784 { 5	Y_3710	ppm	0.645	0.0062	0.9603	0.6494	0.6406
Mg2790	279.079 {1	Y_3710	ppm	8.917	0.1699	1.906	9.037	8.797
Mn2576	257.610 {1	Y_3600	ppm	0.891	0.0045	0.5042	0.8878	0.8942
Mn2576-2	257.610 {1	Y_3710	ppm	0.936	0.0161	1.721	0.9474	0.9246
Mo2020	202.030 {4	Y_2243	ppm	1.124	0.0076	0.6767	1.13	1.119
Na5895	589.592 { 5	Y_3710	ppm	12.28	0.1132	0.922	12.36	12.2
Na8183	818.326 { 4	Y_3710	ppm	10.68	0.0741	0.6936	10.74	10.63
Ni2316	231.604 {4	In2306	ppm	1.023	0.0016	0.1588	1.024	1.022
P_1782	178.284 {4	In2306	ppm	-0.0015	0.0014	98.72	-0.0004	-0.0025
Pb2203	220.353 {4	In2306	ppm	1.004	0.0001	0.01	1.004	1.004
S_1820	182.034 {4	Y_2243	ppm	0.1408	0.0254	18.05	0.1588	0.1229
Sb2068	206.833 {4	Y_2243	ppm	1.072	0.011	1.023	1.08	1.064
Se1960	196.090 {4	Y_2243	ppm	1.128	0.0058	0.5101	1.132	1.124
Si2516	251.611 {1	Y_3710	ppm	0.7938	0.011	1.391	0.786	0.8016
Sn1899	189.989 {4	In2306	ppm	0.9299	0.0003	0.0319	0.9301	0.9297
Sr4215	421.552 { 8	Y_3710	ppm	0.5232	0.0085	1.624	0.5292	0.5172
Ti3349	334.904 {1	Y_3600	ppm	0.8225	0.0039	0.4778	0.8197	0.8253
Tl1908	190.856 {4	In2306	ppm	0.9442	0.0158	1.673	0.9553	0.933
V_2924	292.402 {1	Y_3600	ppm	0.8238	0.0046	0.5611	0.8205	0.8271
Zn2062	206.200 {4	In2306	ppm	0.928	0.0022	0.2361	0.9264	0.9295

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.678	0.95828	1.8909	50	51.355
In2306	230.606 {4	Cts/S	8653.8	36.355	0.42011	8628.1	8679.5
Y_2243	224.306 {4	Cts/S	12220	74.755	0.61175	12167	12273
Y_3600	360.073 { 9	Cts/S	49980	320.94	0.64215	50207	49753
Y_3710	371.030 { 9	Cts/S	7968.7	46.374	0.58195	7935.9	8001.5

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0008	271.6	-0.0003	0.0009
Al3082	308.215 {1	In2306	ppm	0.0164	0.0205	125.1	0.0308	0.0019
As1890	189.042 {4	Y_2243	ppm	0.0036	0.0026	72.58	0.0018	0.0055
B_2496	249.678 {1	Y_3710	ppm	0.086	0.0126	14.7	0.0949	0.0771
Ba4554	455.403 { 7	Y_3710	ppm	0.0783	0.0001	0.1121	0.0784	0.0783
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	136.5	0	0.0001
Ca3158	315.887 {1	In2306	ppm	112.6	1.426	1.266	113.6	111.6
Ca3181	318.128 {1	In2306	ppm	107.7	1.009	0.9368	108.4	107
Cd2288	228.802 {4	Y_2243	ppm	0.001	0.0013	137.8	0	0.0019
Co2286	228.616 {4	In2306	ppm	0.0024	0.0031	126.4	0.0003	0.0046
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0003	46.74	0.0008	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0035	0.0001	3.512	0.0036	0.0035
Fe2404	240.488 {1	In2306	ppm	0.0191	0.0273	142.9	0.0384	-0.0002
K_7664	766.490 { 4	Y_3710	ppm	3.779	0.0401	1.062	3.807	3.75
K_7698	769.896 { 4	Y_3710	ppm	3.747	0.0516	1.377	3.783	3.71
Li6707	670.784 { 5	Y_3710	ppm	0.0103	0.0003	2.981	0.0105	0.0101
Mg2790	279.079 {1	Y_3710	ppm	3.712	0.0677	1.824	3.76	3.665
Mn2576	257.610 {1	Y_3600	ppm	0.0493	0.0003	0.5817	0.0495	0.0491
Mn2576-2	257.610 {1	Y_3710	ppm	0.0556	0.0001	0.1413	0.0556	0.0555
Mo2020	202.030 {4	Y_2243	ppm	0.0077	0.0047	60.98	0.0044	0.011
Na5895	589.592 { 5	Y_3710	ppm	47.93	0.5939	1.239	48.35	47.51
Na8183	818.326 { 4	Y_3710	ppm	42.31	0.0737	0.1742	42.36	42.26
Ni2316	231.604 {4	In2306	ppm	0.0044	0.003	68.09	0.0023	0.0066
P_1782	178.284 {4	In2306	ppm	0.0091	0.0002	2.089	0.0089	0.0092
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0028	450.2	-0.0014	0.0026
S_1820	182.034 {4	Y_2243	ppm	-1102	0.5914	0.0537	-1102	-1101
Sb2068	206.833 {4	Y_2243	ppm	0.0148	0.0049	33.11	0.0113	0.0182
Se1960	196.090 {4	Y_2243	ppm	0.0049	0.0021	42.16	0.0034	0.0063
Si2516	251.611 {1	Y_3710	ppm	1.152	0.0006	0.0491	1.151	1.152
Sn1899	189.989 {4	In2306	ppm	0.0041	0.0031	76.98	0.0018	0.0063
Sr4215	421.552 { 8	Y_3710	ppm	1.219	0.0013	0.1102	1.22	1.218
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0004	23.1	0.0013	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0085	0.0055	64.91	0.0046	0.0123
V_2924	292.402 {1	Y_3600	ppm	0.0019	0.0001	2.703	0.0019	0.0018
Zn2062	206.200 {4	In2306	ppm	0.0036	0.0026	72.85	0.0017	0.0055

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.786	0.47379	0.95165	49.451	50.121
In2306	230.606 {4	Cts/S	8142.8	31.988	0.39284	8120.2	8165.4
Y_2243	224.306 {4	Cts/S	11572	73.094	0.63164	11520	11624
Y_3600	360.073 { 9	Cts/S	51651	123.04	0.23821	51564	51738
Y_3710	371.030 { 9	Cts/S	7780.2	23.457	0.3015	7763.6	7796.8

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Run Time=1/26/2012 14:46:01
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2248	0.0121	5.38	0.2162	0.2333
Al3082	308.215 {1	In2306	ppm	2.615	0.0127	0.484	2.624	2.606
As1890	189.042 {4	Y_2243	ppm	0.5401	0.0012	0.2155	0.541	0.5393
B_2496	249.678 {1	Y_3710	ppm	0.474	0.0041	0.8637	0.4769	0.4711
Ba4554	455.403 { 7	Y_3710	ppm	0.5016	0.0034	0.6848	0.4992	0.504
Be3130	313.042 {1	Y_3710	ppm	0.4766	0.0019	0.4021	0.4779	0.4752
Ca3158	315.887 {1	In2306	ppm	12.1	0.2712	2.242	12.29	11.9
Ca3181	318.128 {1	In2306	ppm	11.55	0.1117	0.9671	11.63	11.47
Cd2288	228.802 {4	Y_2243	ppm	0.5076	0.0007	0.145	0.507	0.5081
Co2286	228.616 {4	In2306	ppm	0.485	0.0001	0.0206	0.4849	0.485
Cr2677	267.716 {1	Y_3600	ppm	0.4258	0.0284	6.66	0.4058	0.4459
Cu3247	324.754 {1	Y_3600	ppm	0.4496	0.0273	6.065	0.4303	0.4689
Fe2404	240.488 {1	In2306	ppm	2.408	0.0112	0.4667	2.415	2.4
K_7664	766.490 { 4	Y_3710	ppm	14.07	0.6154	4.375	13.63	14.5
K_7698	769.896 { 4	Y_3710	ppm	14.46	0.6939	4.799	13.97	14.95
Li6707	670.784 { 5	Y_3710	ppm	0.6165	0.0355	5.76	0.5914	0.6416
Mg2790	279.079 {1	Y_3710	ppm	4.464	0.0962	2.154	4.532	4.396
Mn2576	257.610 {1	Y_3600	ppm	0.4355	0.0259	5.954	0.4172	0.4538
Mn2576-2	257.610 {1	Y_3710	ppm	0.4821	0.0037	0.7579	0.4847	0.4795
Mo2020	202.030 {4	Y_2243	ppm	0.5671	0	0.0082	0.5671	0.5671
Na5895	589.592 { 5	Y_3710	ppm	14.63	0.7357	5.029	14.11	15.15
Na8183	818.326 { 4	Y_3710	ppm	13.16	0.2671	2.029	12.97	13.35
Ni2316	231.604 {4	In2306	ppm	0.5164	0.0001	0.0237	0.5163	0.5165
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0005	78.69	-0.0003	-0.0009
Pb2203	220.353 {4	In2306	ppm	0.5032	0.0002	0.0443	0.5031	0.5034
S_1820	182.034 {4	Y_2243	ppm	-24.72	0.6046	2.446	-24.29	-25.15
Sb2068	206.833 {4	Y_2243	ppm	0.5428	0.0026	0.4804	0.5446	0.5409
Se1960	196.090 {4	Y_2243	ppm	0.5653	0.0022	0.3877	0.5637	0.5668
Si2516	251.611 {1	Y_3710	ppm	0.795	0.0161	2.024	0.7836	0.8064
Sn1899	189.989 {4	In2306	ppm	0.4703	0.0008	0.1648	0.4708	0.4698
Sr4215	421.552 { 8	Y_3710	ppm	0.269	0.0016	0.5792	0.2679	0.2701
Ti3349	334.904 {1	Y_3600	ppm	0.4024	0.0252	6.265	0.3846	0.4202
Tl1908	190.856 {4	In2306	ppm	0.475	0.0047	0.9918	0.4783	0.4717
V_2924	292.402 {1	Y_3600	ppm	0.4015	0.0235	5.842	0.385	0.4181
Zn2062	206.200 {4	In2306	ppm	0.473	0.0006	0.1199	0.4726	0.4734

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.273	0.01551	0.03025	51.284	51.262
In2306	230.606 {4	Cts/S	8755.1	18.348	0.20957	8768.1	8742.2
Y_2243	224.306 {4	Cts/S	12335	38.258	0.31016	12362	12308
Y_3600	360.073 { 9	Cts/S	51363	2310.6	4.4986	52997	49729
Y_3710	371.030 { 9	Cts/S	7960	50.819	0.63843	7995.9	7924

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Custom ID3=
Run Time=1/26/2012 14:48:27
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0046	0.0001	2.637	0.0045	0.0047
Al3082	308.215 {1	In2306	ppm	0.095	0.0504	53.02	0.1307	0.0594
As1890	189.042 {4	Y_2243	ppm	0.0114	0.0035	30.58	0.0089	0.0139
B_2496	249.678 {1	Y_3710	ppm	-0.004	0.0051	129.2	-0.0076	-0.0003
Ba4554	455.403 { 7	Y_3710	ppm	0.0099	0.0003	3.214	0.0101	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	1.994	0.0047	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0724	0.0031	4.243	0.0702	0.0745
Ca3181	318.128 {1	In2306	ppm	0.1298	0.0048	3.7	0.1264	0.1332
Cd2288	228.802 {4	Y_2243	ppm	0.0077	0.0033	43.21	0.0054	0.0101
Co2286	228.616 {4	In2306	ppm	0.0121	0.0031	26	0.0099	0.0143
Cr2677	267.716 {1	Y_3600	ppm	0.0088	0.0003	3.448	0.009	0.0086
Cu3247	324.754 {1	Y_3600	ppm	0.0109	0.0002	1.83	0.0108	0.0111
Fe2404	240.488 {1	In2306	ppm	0.0929	0.0157	16.86	0.0818	0.104
K_7664	766.490 { 4	Y_3710	ppm	0.695	0.0099	1.429	0.702	0.688
K_7698	769.896 { 4	Y_3710	ppm	0.5744	0.0054	0.9404	0.5782	0.5706
Li6707	670.784 { 5	Y_3710	ppm	0.0119	0.0003	2.535	0.0121	0.0117
Mg2790	279.079 {1	Y_3710	ppm	0.0646	0.0106	16.41	0.0721	0.0571
Mn2576	257.610 {1	Y_3600	ppm	0.0089	0	0.4618	0.0088	0.0089
Mn2576-2	257.610 {1	Y_3710	ppm	0.0101	0.0003	2.675	0.0099	0.0103
Mo2020	202.030 {4	Y_2243	ppm	0.0159	0.0046	28.79	0.0127	0.0192
Na5895	589.592 { 5	Y_3710	ppm	0.751	0.017	2.26	0.763	0.739
Na8183	818.326 { 4	Y_3710	ppm	0.5897	0.1711	29.01	0.4688	0.7107
Ni2316	231.604 {4	In2306	ppm	0.013	0.0037	28.12	0.0104	0.0156
P_1782	178.284 {4	In2306	ppm	0.0083	0.0003	3.869	0.008	0.0085
Pb2203	220.353 {4	In2306	ppm	0.0115	0.0035	30.5	0.009	0.014
S_1820	182.034 {4	Y_2243	ppm	0.2836	0.2366	83.42	0.4509	0.1163
Sb2068	206.833 {4	Y_2243	ppm	0.0204	0.0041	20.2	0.0175	0.0233
Se1960	196.090 {4	Y_2243	ppm	0.0138	0.0023	16.65	0.0122	0.0155
Si2516	251.611 {1	Y_3710	ppm	-0.0106	0.008	75.23	-0.0162	-0.005
Sn1899	189.989 {4	In2306	ppm	0.0118	0.0035	29.77	0.0093	0.0142
Sr4215	421.552 { 8	Y_3710	ppm	0.0052	0.0001	1.067	0.0052	0.0052
Ti3349	334.904 {1	Y_3600	ppm	0.0082	0	0.4398	0.0082	0.0083
Tl1908	190.856 {4	In2306	ppm	0.0171	0.0056	32.81	0.0131	0.021
V_2924	292.402 {1	Y_3600	ppm	0.0082	0	0.1345	0.0082	0.0083
Zn2062	206.200 {4	In2306	ppm	0.0104	0.0029	28.42	0.0083	0.0124

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.387	2.6523	4.9681	51.511	55.262
In2306	230.606 {4	Cts/S	9362.6	11.127	0.11885	9354.8	9370.5
Y_2243	224.306 {4	Cts/S	12595	15.537	0.12336	12606	12584
Y_3600	360.073 { 9	Cts/S	50202	9.2481	0.01842	50196	50209
Y_3710	371.030 { 9	Cts/S	8045.9	17.084	0.21233	8033.8	8058

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0005	226.4	0.0001	-0.0006
Al3082	308.215 {1	In2306	ppm	-0.0105	0.0087	82.77	-0.0044	-0.0167
As1890	189.042 {4	Y_2243	ppm	0.0008	0.0014	179	0.0017	-0.0002
B_2496	249.678 {1	Y_3710	ppm	-0.011	0.0079	72.25	-0.0054	-0.0166
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0002	361.1	-0.0001	0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0001	35.2	0.0002	0.0003
Ca3158	315.887 {1	In2306	ppm	-0.0116	0.001	8.924	-0.0109	-0.0123
Ca3181	318.128 {1	In2306	ppm	0.0147	0.0137	93.28	0.005	0.0243
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	163.1	0	0.0003
Co2286	228.616 {4	In2306	ppm	0.0003	0.0003	107	0.0001	0.0005
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0004	227.3	0.0001	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.003	0.0002	5.696	0.0031	0.0029
Fe2404	240.488 {1	In2306	ppm	-0.0047	0.0218	466.3	0.0107	-0.02
K_7664	766.490 { 4	Y_3710	ppm	-0.0012	0.0096	782.5	-0.008	0.0056
K_7698	769.896 { 4	Y_3710	ppm	-0.1462	0.0388	26.52	-0.1736	-0.1187
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0.0002	56.23	-0.0003	-0.0006
Mg2790	279.079 {1	Y_3710	ppm	-0.0224	0.0507	225.8	0.0134	-0.0582
Mn2576	257.610 {1	Y_3600	ppm	-0.0002	0	5.501	-0.0002	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0	0.001	2769	0.0008	-0.0007
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0002	55.73	0.0003	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.0051	0.001	18.79	0.0057	0.0044
Na8183	818.326 { 4	Y_3710	ppm	0.0368	0.1027	279.4	0.1094	-0.0359
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0002	109.3	0.0003	0
P_1782	178.284 {4	In2306	ppm	0.0005	0.0011	218.9	0.0012	-0.0003
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0006	410.5	0.0006	-0.0003
S_1820	182.034 {4	Y_2243	ppm	0.3201	0.0306	9.556	0.3417	0.2985
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0003	111.3	0.0001	0.0005
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0007	73.31	0.0015	0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0275	0.0065	23.47	-0.0321	-0.023
Sn1899	189.989 {4	In2306	ppm	0	0.0007	34530	-0.0005	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0	0	37.43	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0	40.94	0.0001	0
Tl1908	190.856 {4	In2306	ppm	0.0022	0.0007	34.22	0.0016	0.0027
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0007	145.4	0	0.001
Zn2062	206.200 {4	In2306	ppm	-0.001	0.0001	15	-0.0011	-0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.408	1.0505	1.9307	53.666	55.151
In2306	230.606 {4	Cts/S	9308.7	54.055	0.58069	9270.5	9346.9
Y_2243	224.306 {4	Cts/S	12406	90.88	0.73257	12341	12470
Y_3600	360.073 { 9	Cts/S	50166	32.366	0.06452	50143	50189
Y_3710	371.030 { 9	Cts/S	8016.1	6.8596	0.08557	8011.2	8020.9

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Custom ID3=
Run Time=1/26/2012 14:53:45
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4575	0.0102	2.228	0.4647	0.4503
Al3082	308.215 {1	In2306	ppm	10.84	0.3996	3.686	11.13	10.56
As1890	189.042 {4	Y_2243	ppm	1.152	0.0503	4.366	1.187	1.116
B_2496	249.678 {1	Y_3710	ppm	1.054	0.0101	0.9591	1.047	1.062
Ba4554	455.403 { 7	Y_3710	ppm	1.093	0.0032	0.2917	1.095	1.091
Be3130	313.042 {1	Y_3710	ppm	0.4755	0.0006	0.1207	0.4751	0.4759
Ca3158	315.887 {1	In2306	ppm	128.5	4.734	3.685	131.8	125.1
Ca3181	318.128 {1	In2306	ppm	122.1	4.4	3.604	125.2	119
Cd2288	228.802 {4	Y_2243	ppm	0.5302	0.0248	4.675	0.5478	0.5127
Co2286	228.616 {4	In2306	ppm	0.9889	0.0477	4.826	1.023	0.9551
Cr2677	267.716 {1	Y_3600	ppm	0.8128	0.0183	2.253	0.8257	0.7998
Cu3247	324.754 {1	Y_3600	ppm	0.9293	0.0276	2.965	0.9488	0.9098
Fe2404	240.488 {1	In2306	ppm	9.807	0.3778	3.852	10.07	9.54
K_7664	766.490 { 4	Y_3710	ppm	15.26	0.0441	0.2893	15.23	15.29
K_7698	769.896 { 4	Y_3710	ppm	15.78	0.0515	0.3263	15.75	15.82
Li6707	670.784 { 5	Y_3710	ppm	0.6583	0.0019	0.2959	0.6569	0.6597
Mg2790	279.079 {1	Y_3710	ppm	12.94	0.1257	0.9716	12.85	13.03
Mn2576	257.610 {1	Y_3600	ppm	0.8873	0.0245	2.763	0.9046	0.87
Mn2576-2	257.610 {1	Y_3710	ppm	1.023	0.0115	1.119	1.031	1.015
Mo2020	202.030 {4	Y_2243	ppm	1.159	0.0544	4.694	1.197	1.12
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	58.39
Na8183	818.326 { 4	Y_3710	ppm	53.34	0.0438	0.0822	53.3	53.37
Ni2316	231.604 {4	In2306	ppm	1.056	0.0527	4.986	1.093	1.019
P_1782	178.284 {4	In2306	ppm	0.0413	0.0026	6.418	0.0431	0.0394
Pb2203	220.353 {4	In2306	ppm	1.022	0.0477	4.67	1.055	0.9879
S_1820	182.034 {4	Y_2243	ppm	-1134	47.61	4.2	-1167	-1100
Sb2068	206.833 {4	Y_2243	ppm	1.135	0.0575	5.068	1.175	1.094
Se1960	196.090 {4	Y_2243	ppm	1.211	0.052	4.292	1.247	1.174
Si2516	251.611 {1	Y_3710	ppm	1.958	0.0062	0.3147	1.953	1.962
Sn1899	189.989 {4	In2306	ppm	0.9454	0.05	5.29	0.9808	0.9101
Sr4215	421.552 { 8	Y_3710	ppm	1.771	0.0018	0.1028	1.772	1.77
Ti3349	334.904 {1	Y_3600	ppm	0.7668	0.0166	2.162	0.7785	0.755
Tl1908	190.856 {4	In2306	ppm	0.9207	0.0645	7.001	0.9663	0.8751
V_2924	292.402 {1	Y_3600	ppm	0.7739	0.0182	2.35	0.7868	0.7611
Zn2062	206.200 {4	In2306	ppm	0.9617	0.0465	4.833	0.9945	0.9288

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.899	1.7594	3.598	47.655	50.143
In2306	230.606 {4	Cts/S	7770.4	191.11	2.4595	7635.2	7905.5
Y_2243	224.306 {4	Cts/S	11202	252.95	2.258	11023	11381
Y_3600	360.073 { 9	Cts/S	52656	949.34	1.8029	51985	53327
Y_3710	371.030 { 9	Cts/S	7717.9	11.607	0.15039	7726.1	7709.7

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4679	0.0018	0.3782	0.4667	0.4692
Al3082	308.215 {1	In2306	ppm	10.7	0.147	1.375	10.59	10.8
As1890	189.042 {4	Y_2243	ppm	1.143	0.0054	0.471	1.147	1.14
B_2496	249.678 {1	Y_3710	ppm	1.076	0.001	0.0937	1.077	1.075
Ba4554	455.403 { 7	Y_3710	ppm	1.103	0.0009	0.0857	1.102	1.103
Be3130	313.042 {1	Y_3710	ppm	0.4801	0.0011	0.2379	0.4793	0.4809
Ca3158	315.887 {1	In2306	ppm	123	1.596	1.297	121.9	124.2
Ca3181	318.128 {1	In2306	ppm	117.4	1.488	1.267	116.4	118.5
Cd2288	228.802 {4	Y_2243	ppm	0.5273	0.0006	0.1107	0.5277	0.5269
Co2286	228.616 {4	In2306	ppm	0.9837	0.0036	0.365	0.9862	0.9812
Cr2677	267.716 {1	Y_3600	ppm	0.8374	0.002	0.2408	0.836	0.8388
Cu3247	324.754 {1	Y_3600	ppm	0.941	0.0064	0.6758	0.9455	0.9365
Fe2404	240.488 {1	In2306	ppm	9.425	0.0541	0.5744	9.387	9.463
K_7664	766.490 { 4	Y_3710	ppm	15.67	0.2825	1.803	15.87	15.47
K_7698	769.896 { 4	Y_3710	ppm	16.16	0.2646	1.638	16.35	15.97
Li6707	670.784 { 5	Y_3710	ppm	0.6768	0.0111	1.634	0.6846	0.6689
Mg2790	279.079 {1	Y_3710	ppm	12.99	0.0691	0.532	13.04	12.94
Mn2576	257.610 {1	Y_3600	ppm	0.9085	0.0044	0.4849	0.9054	0.9116
Mn2576-2	257.610 {1	Y_3710	ppm	1.019	0.0074	0.7222	1.014	1.024
Mo2020	202.030 {4	Y_2243	ppm	1.157	0.0049	0.4208	1.16	1.153
Na5895	589.592 { 5	Y_3710	ppm	59.89	0.9211	1.538	60.55	59.24
Na8183	818.326 { 4	Y_3710	ppm	54.15	0.1741	0.3215	54.27	54.02
Ni2316	231.604 {4	In2306	ppm	1.05	0.0062	0.5935	1.055	1.046
P_1782	178.284 {4	In2306	ppm	0.0064	0.0003	4.169	0.0062	0.0066
Pb2203	220.353 {4	In2306	ppm	1.018	0.0049	0.4859	1.021	1.014
S_1820	182.034 {4	Y_2243	ppm	-1132	3.122	0.2758	-1134	-1129
Sb2068	206.833 {4	Y_2243	ppm	1.14	0.0011	0.0991	1.141	1.139
Se1960	196.090 {4	Y_2243	ppm	1.2	0.0003	0.0232	1.2	1.2
Si2516	251.611 {1	Y_3710	ppm	2.027	0.0292	1.44	2.006	2.047
Sn1899	189.989 {4	In2306	ppm	0.9489	0.0057	0.5956	0.9529	0.9449
Sr4215	421.552 { 8	Y_3710	ppm	1.79	0.0015	0.0823	1.789	1.791
Ti3349	334.904 {1	Y_3600	ppm	0.7927	0.0002	0.0309	0.7925	0.7928
Tl1908	190.856 {4	In2306	ppm	0.9323	0.0149	1.6	0.9428	0.9217
V_2924	292.402 {1	Y_3600	ppm	0.7914	0.0018	0.2258	0.7901	0.7927
Zn2062	206.200 {4	In2306	ppm	0.9612	0.004	0.4143	0.964	0.9584

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.485	0.49494	0.98036	50.835	50.135
In2306	230.606 {4	Cts/S	7905.4	6.2978	0.07967	7901	7909.9
Y_2243	224.306 {4	Cts/S	11418	0.36341	0.00318	11418	11418
Y_3600	360.073 { 9	Cts/S	51895	103.78	0.19998	51821	51968
Y_3710	371.030 { 9	Cts/S	7683.2	11.753	0.15297	7691.5	7674.9

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0003	130.4	0	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0243	0.0269	110.4	-0.0433	-0.0053
As1890	189.042 {4	Y_2243	ppm	0.0039	0.0036	91.56	0.0014	0.0064
B_2496	249.678 {1	Y_3710	ppm	0.0968	0.0096	9.879	0.0901	0.1036
Ba4554	455.403 { 7	Y_3710	ppm	0.0788	0.0005	0.5862	0.0785	0.0791
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0002	83.96	0.0004	0.0001
Ca3158	315.887 {1	In2306	ppm	116.6	1.123	0.9635	115.8	117.4
Ca3181	318.128 {1	In2306	ppm	111.6	0.971	0.8697	110.9	112.3
Cd2288	228.802 {4	Y_2243	ppm	0.0017	0.0021	123.2	0.0002	0.0032
Co2286	228.616 {4	In2306	ppm	0.0035	0.0042	120.3	0.0005	0.0065
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0003	37.64	0.001	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0049	0.0003	6.992	0.0047	0.0052
Fe2404	240.488 {1	In2306	ppm	0.0239	0.0152	63.56	0.0131	0.0346
K_7664	766.490 { 4	Y_3710	ppm	3.646	0.0542	1.487	3.685	3.608
K_7698	769.896 { 4	Y_3710	ppm	3.596	0.1113	3.096	3.675	3.518
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0.0004	3.941	0.0099	0.0094
Mg2790	279.079 {1	Y_3710	ppm	3.832	0.0826	2.157	3.89	3.773
Mn2576	257.610 {1	Y_3600	ppm	0.049	0.0013	2.621	0.0481	0.0499
Mn2576-2	257.610 {1	Y_3710	ppm	0.0545	0.0003	0.6004	0.0542	0.0547
Mo2020	202.030 {4	Y_2243	ppm	0.0094	0.0065	69.55	0.0048	0.014
Na5895	589.592 { 5	Y_3710	ppm	45.97	0.8148	1.773	46.55	45.39
Na8183	818.326 { 4	Y_3710	ppm	41.95	0.3385	0.8068	42.19	41.71
Ni2316	231.604 {4	In2306	ppm	0.0053	0.0045	84.13	0.0021	0.0085
P_1782	178.284 {4	In2306	ppm	0.03	0.002	6.69	0.0314	0.0286
Pb2203	220.353 {4	In2306	ppm	0.0015	0.0029	195.2	-0.0006	0.0036
S_1820	182.034 {4	Y_2243	ppm	-1136	4.526	0.3983	-1139	-1133
Sb2068	206.833 {4	Y_2243	ppm	0.0191	0.0033	17.09	0.0168	0.0214
Se1960	196.090 {4	Y_2243	ppm	0.0051	0.0039	76.12	0.0024	0.0078
Si2516	251.611 {1	Y_3710	ppm	1.203	0.0025	0.2053	1.201	1.205
Sn1899	189.989 {4	In2306	ppm	0.0048	0.0046	97.18	0.0015	0.0081
Sr4215	421.552 { 8	Y_3710	ppm	1.238	0.0024	0.1951	1.236	1.24
Ti3349	334.904 {1	Y_3600	ppm	0.0014	0	3.368	0.0014	0.0015
Tl1908	190.856 {4	In2306	ppm	0.0098	0.0066	67.65	0.0051	0.0144
V_2924	292.402 {1	Y_3600	ppm	0.0015	0.0002	11.73	0.0014	0.0016
Zn2062	206.200 {4	In2306	ppm	0.0043	0.0039	90.28	0.0016	0.0071

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.795	0.2162	0.42564	50.642	50.948
In2306	230.606 {4	Cts/S	8128.8	13.007	0.16001	8138	8119.6
Y_2243	224.306 {4	Cts/S	11462	32.301	0.28181	11485	11439
Y_3600	360.073 { 9	Cts/S	51364	1079	2.1007	52127	50601
Y_3710	371.030 { 9	Cts/S	7854.2	8.356	0.10639	7860.1	7848.3

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	103.4	0.0002	0
Al3082	308.215 {1	In2306	ppm	-0.0072	0.0204	281.7	0.0072	-0.0216
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0002	85.3	-0.0004	-0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0898	0.0024	2.68	0.0881	0.0915
Ba4554	455.403 { 7	Y_3710	ppm	0.0778	0.0002	0.2029	0.0779	0.0777
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	219.2	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	116.3	0.5766	0.496	116.7	115.8
Ca3181	318.128 {1	In2306	ppm	111.1	1.064	0.9584	111.8	110.3
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	59.97	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0005	0.0001	27.05	0.0004	0.0006
Cr2677	267.716 {1	Y_3600	ppm	0.001	0	0.6601	0.001	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0035	0.0003	8.676	0.0033	0.0037
Fe2404	240.488 {1	In2306	ppm	0.0338	0.0093	27.46	0.0273	0.0404
K_7664	766.490 { 4	Y_3710	ppm	3.737	0.0698	1.868	3.787	3.688
K_7698	769.896 { 4	Y_3710	ppm	3.734	0.0823	2.205	3.792	3.676
Li6707	670.784 { 5	Y_3710	ppm	0.01	0.0004	4.365	0.0097	0.0103
Mg2790	279.079 {1	Y_3710	ppm	3.824	0.0091	0.2381	3.831	3.818
Mn2576	257.610 {1	Y_3600	ppm	0.0414	0.0002	0.4647	0.0412	0.0415
Mn2576-2	257.610 {1	Y_3710	ppm	0.0475	0.0018	3.86	0.0487	0.0462
Mo2020	202.030 {4	Y_2243	ppm	0.0029	0.0006	22.22	0.0024	0.0033
Na5895	589.592 { 5	Y_3710	ppm	47.98	0.6551	1.365	48.44	47.52
Na8183	818.326 { 4	Y_3710	ppm	42.63	0.5638	1.322	43.03	42.23
Ni2316	231.604 {4	In2306	ppm	0.0021	0.0007	31.63	0.0017	0.0026
P_1782	178.284 {4	In2306	ppm	0.0195	0.0019	9.947	0.0209	0.0182
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0005	142.3	0	0.0007
S_1820	182.034 {4	Y_2243	ppm	-1127	1.613	0.1432	-1128	-1126
Sb2068	206.833 {4	Y_2243	ppm	0.0016	0.0019	120.6	0.0002	0.0029
Se1960	196.090 {4	Y_2243	ppm	0.004	0.0008	21.18	0.0046	0.0034
Si2516	251.611 {1	Y_3710	ppm	1.062	0.0156	1.468	1.073	1.051
Sn1899	189.989 {4	In2306	ppm	0	0.0003	548.7	-0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.252	0.0025	0.2031	1.254	1.25
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0	0.17	0.0011	0.0011
Tl1908	190.856 {4	In2306	ppm	0.0025	0.0012	45.74	0.0017	0.0033
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0001	4.822	0.0015	0.0016
Zn2062	206.200 {4	In2306	ppm	0.0016	0.0003	17.66	0.0014	0.0018

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.849	0.28825	0.59008	48.645	49.052
In2306	230.606 {4	Cts/S	8097.9	10.297	0.12715	8105.2	8090.6
Y_2243	224.306 {4	Cts/S	11426	1.4227	0.01245	11427	11425
Y_3600	360.073 { 9	Cts/S	51615	121.09	0.2346	51530	51701
Y_3710	371.030 { 9	Cts/S	7738	32.686	0.42241	7714.9	7761.1

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0003	294.7	-0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0401	0.0077	19.11	-0.0455	-0.0347
As1890	189.042 {4	Y_2243	ppm	0.0014	0.0006	40.65	0.0018	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0866	0.0042	4.889	0.0836	0.0896
Ba4554	455.403 { 7	Y_3710	ppm	0.0718	0.0001	0.1429	0.0717	0.0719
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0001	39.12	0.0004	0.0002
Ca3158	315.887 {1	In2306	ppm	108.4	3.164	2.917	106.2	110.7
Ca3181	318.128 {1	In2306	ppm	103.6	2.589	2.497	101.8	105.5
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	23.92	0.0002	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	114.3	0	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.001	0	0.3274	0.001	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.004	0.0002	4.136	0.0041	0.0039
Fe2404	240.488 {1	In2306	ppm	0	0.0097	35590	0.0069	-0.0068
K_7664	766.490 { 4	Y_3710	ppm	3.596	0.0776	2.157	3.541	3.651
K_7698	769.896 { 4	Y_3710	ppm	3.504	0.0279	0.795	3.484	3.523
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0.0002	2.044	0.0098	0.0095
Mg2790	279.079 {1	Y_3710	ppm	3.649	0.0382	1.048	3.676	3.622
Mn2576	257.610 {1	Y_3600	ppm	0.0363	0.0002	0.4823	0.0362	0.0364
Mn2576-2	257.610 {1	Y_3710	ppm	0.0367	0.0012	3.348	0.0359	0.0376
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0002	8.644	0.0024	0.0027
Na5895	589.592 { 5	Y_3710	ppm	46.01	0.7932	1.724	45.45	46.57
Na8183	818.326 { 4	Y_3710	ppm	40.61	0.2793	0.6876	40.42	40.81
Ni2316	231.604 {4	In2306	ppm	0.0019	0	1.691	0.0019	0.0018
P_1782	178.284 {4	In2306	ppm	0.0229	0.0018	7.874	0.0242	0.0216
Pb2203	220.353 {4	In2306	ppm	0.0002	0.0001	64.3	0.0003	0.0001
S_1820	182.034 {4	Y_2243	ppm	-1159	12.51	1.079	-1168	-1150
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.0011	132.5	-0.0001	-0.0016
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0008	26.13	0.0024	0.0035
Si2516	251.611 {1	Y_3710	ppm	0.8393	0.0254	3.022	0.8213	0.8572
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0001	25.76	-0.0002	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	1.19	0.006	0.5038	1.186	1.195
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0004	139.1	0.0006	0
Tl1908	190.856 {4	In2306	ppm	0.0025	0.0001	3.124	0.0026	0.0025
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0001	16.6	0.0008	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0016	0.0001	6.936	0.0017	0.0015

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.379	1.8891	3.6768	52.714	50.043
In2306	230.606 {4	Cts/S	8093	49.285	0.60898	8058.2	8127.9
Y_2243	224.306 {4	Cts/S	11432	83.204	0.72783	11373	11491
Y_3600	360.073 { 9	Cts/S	50490	90.24	0.17873	50426	50554
Y_3710	371.030 { 9	Cts/S	8136.4	43.748	0.53769	8167.3	8105.5

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	884.9	0.0001	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0229	0.001	4.401	0.0236	0.0222
As1890	189.042 {4	Y_2243	ppm	-0.0006	0.0004	58.52	-0.0009	-0.0004
B_2496	249.678 {1	Y_3710	ppm	0.098	0.0083	8.513	0.0921	0.1039
Ba4554	455.403 { 7	Y_3710	ppm	0.0766	0.0003	0.3758	0.0764	0.0768
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	77.6	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	113.2	5.766	5.093	109.1	117.3
Ca3181	318.128 {1	In2306	ppm	107.8	5.366	4.977	104	111.6
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	213.3	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	49.35	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0	4.767	0.0004	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0041	0.0004	8.728	0.0038	0.0043
Fe2404	240.488 {1	In2306	ppm	0.0323	0.007	21.61	0.0373	0.0274
K_7664	766.490 { 4	Y_3710	ppm	3.738	0.059	1.577	3.697	3.78
K_7698	769.896 { 4	Y_3710	ppm	3.741	0.0809	2.164	3.684	3.798
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0.0001	0.6628	0.0099	0.0098
Mg2790	279.079 {1	Y_3710	ppm	3.851	0.0574	1.491	3.81	3.891
Mn2576	257.610 {1	Y_3600	ppm	0.0275	0	0.0109	0.0275	0.0275
Mn2576-2	257.610 {1	Y_3710	ppm	0.0307	0.001	3.332	0.0315	0.03
Mo2020	202.030 {4	Y_2243	ppm	0.0024	0.0001	2.153	0.0024	0.0023
Na5895	589.592 { 5	Y_3710	ppm	47.1	0.6773	1.438	46.62	47.57
Na8183	818.326 { 4	Y_3710	ppm	42.31	0.5751	1.359	41.9	42.71
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0001	3.26	0.0017	0.0016
P_1782	178.284 {4	In2306	ppm	0.0257	0.0014	5.37	0.0267	0.0247
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0001	22.1	0.0007	0.0005
S_1820	182.034 {4	Y_2243	ppm	-1161	39.14	3.371	-1189	-1133
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0003	25.15	0.001	0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0033	0.0009	26.85	0.0027	0.0039
Si2516	251.611 {1	Y_3710	ppm	0.9451	0.0031	0.3247	0.9429	0.9472
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0003	87.84	-0.0005	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.264	0.0098	0.7776	1.257	1.271
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0003	42.79	0.0004	0.0008
Tl1908	190.856 {4	In2306	ppm	0.0015	0.0005	30.12	0.0012	0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0011	0.0001	6.651	0.0012	0.0011
Zn2062	206.200 {4	In2306	ppm	0.0012	0.0002	17.68	0.0014	0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.38	2.5888	5.1386	52.211	48.55
In2306	230.606 {4	Cts/S	7961.7	193.56	2.4311	7824.9	8098.6
Y_2243	224.306 {4	Cts/S	11249	293.49	2.609	11041	11456
Y_3600	360.073 { 9	Cts/S	51849	171.59	0.33093	51970	51728
Y_3710	371.030 { 9	Cts/S	7771.8	68.958	0.88729	7820.5	7723

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	75.45	0.0002	0.0005
Al3082	308.215 {1	In2306	ppm	0.0279	0.0447	160.3	-0.0037	0.0596
As1890	189.042 {4	Y_2243	ppm	-0.0004	0.0007	166.1	0.0001	-0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0827	0.0008	1.018	0.0821	0.0833
Ba4554	455.403 { 7	Y_3710	ppm	0.0758	0.0007	0.9011	0.0753	0.0762
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	34.46	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	116.4	3.516	3.02	113.9	118.9
Ca3181	318.128 {1	In2306	ppm	111.3	3.002	2.696	109.2	113.5
Cd2288	228.802 {4	Y_2243	ppm	0	0	28.65	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	66.3	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0005	87.19	0.0009	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0032	0	0.8252	0.0032	0.0032
Fe2404	240.488 {1	In2306	ppm	0.0373	0.0071	18.98	0.0423	0.0323
K_7664	766.490 { 4	Y_3710	ppm	3.653	0.1161	3.177	3.571	3.735
K_7698	769.896 { 4	Y_3710	ppm	3.654	0.1363	3.731	3.558	3.751
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0005	5.395	0.0095	0.0102
Mg2790	279.079 {1	Y_3710	ppm	3.833	0.1302	3.396	3.741	3.925
Mn2576	257.610 {1	Y_3600	ppm	0.016	0.0001	0.4226	0.016	0.0159
Mn2576-2	257.610 {1	Y_3710	ppm	0.0197	0.0018	9.048	0.0185	0.021
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0.0001	2.958	0.002	0.0021
Na5895	589.592 { 5	Y_3710	ppm	44.6	1.427	3.2	43.59	45.61
Na8183	818.326 { 4	Y_3710	ppm	40.24	0.6956	1.729	39.75	40.73
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0003	17.57	0.0013	0.0017
P_1782	178.284 {4	In2306	ppm	0.0214	0.0003	1.618	0.0217	0.0212
Pb2203	220.353 {4	In2306	ppm	0.001	0.0002	17.97	0.0012	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1100	5.99	0.5444	-1096	-1104
Sb2068	206.833 {4	Y_2243	ppm	-0.0017	0.0013	75.2	-0.0008	-0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0019	0.0004	22.08	0.0022	0.0016
Si2516	251.611 {1	Y_3710	ppm	0.9625	0.0094	0.9782	0.9692	0.9558
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0005	189.1	0.0001	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	1.247	0.0041	0.3254	1.245	1.25
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0004	190.9	-0.0001	0.0005
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0003	16.27	0.0021	0.0017
V_2924	292.402 {1	Y_3600	ppm	0.001	0.0004	38.58	0.0007	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0016	0.0001	4.859	0.0016	0.0015

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.833	1.842	3.7721	50.136	47.531
In2306	230.606 {4	Cts/S	8142.3	44.938	0.55191	8174.1	8110.6
Y_2243	224.306 {4	Cts/S	11542	64.452	0.5584	11588	11497
Y_3600	360.073 { 9	Cts/S	51581	147.43	0.28583	51477	51685
Y_3710	371.030 { 9	Cts/S	7773.3	60.49	0.77818	7816	7730.5

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Custom ID3=
Run Time=1/26/2012 15:11:26
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0004	404.5	-0.0004	0.0002
Al3082	308.215 {1	In2306	ppm	0.0243	0.0496	204.6	-0.0108	0.0594
As1890	189.042 {4	Y_2243	ppm	-0.0004	0.0017	480.7	0.0008	-0.0016
B_2496	249.678 {1	Y_3710	ppm	0.0797	0.0086	10.83	0.0858	0.0736
Ba4554	455.403 { 7	Y_3710	ppm	0.0742	0.0045	6.006	0.0774	0.0711
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	10.93	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	110.9	2.381	2.146	112.6	109.3
Ca3181	318.128 {1	In2306	ppm	106.7	2.263	2.122	108.3	105.1
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	359.9	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0	3.838	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0.0002	14.95	0.0012	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0037	0.0001	1.372	0.0037	0.0038
Fe2404	240.488 {1	In2306	ppm	0.0098	0.0219	223.5	0.0253	-0.0057
K_7664	766.490 { 4	Y_3710	ppm	3.638	0.2375	6.528	3.806	3.47
K_7698	769.896 { 4	Y_3710	ppm	3.64	0.2592	7.12	3.823	3.457
Li6707	670.784 { 5	Y_3710	ppm	0.0091	0.0008	9.274	0.0097	0.0085
Mg2790	279.079 {1	Y_3710	ppm	3.692	0.2419	6.551	3.863	3.521
Mn2576	257.610 {1	Y_3600	ppm	0.0153	0.0001	0.7446	0.0154	0.0152
Mn2576-2	257.610 {1	Y_3710	ppm	0.0176	0.0001	0.7105	0.0177	0.0175
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0001	7.351	0.0019	0.0021
Na5895	589.592 { 5	Y_3710	ppm	43.97	2.888	6.568	46.02	41.93
Na8183	818.326 { 4	Y_3710	ppm	38.98	2.449	6.282	40.71	37.25
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0001	5.959	0.0017	0.0016
P_1782	178.284 {4	In2306	ppm	0.024	0.0007	2.783	0.0245	0.0235
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0007	78.5	0.0004	0.0013
S_1820	182.034 {4	Y_2243	ppm	-1094	3.75	0.3427	-1092	-1097
Sb2068	206.833 {4	Y_2243	ppm	-0.0018	0.0009	46.5	-0.0024	-0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0029	0.0004	15.34	0.0032	0.0026
Si2516	251.611 {1	Y_3710	ppm	0.9447	0.0536	5.673	0.9826	0.9068
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0004	269	0.0004	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.21	0.0681	5.631	1.258	1.162
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0007	152.3	0	0.001
Tl1908	190.856 {4	In2306	ppm	0.0021	0.0001	3.385	0.0021	0.002
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0002	9.284	0.0017	0.0015
Zn2062	206.200 {4	In2306	ppm	0.0013	0.0001	4.493	0.0012	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.536	0.6062	1.1995	50.107	50.964
In2306	230.606 {4	Cts/S	8135.8	29.65	0.36444	8156.7	8114.8
Y_2243	224.306 {4	Cts/S	11520	34.875	0.30273	11545	11496
Y_3600	360.073 { 9	Cts/S	51825	171.26	0.33045	51704	51946
Y_3710	371.030 { 9	Cts/S	7934.4	384.15	4.8417	7662.7	8206

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	145.5	0	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0089	0.0255	285.6	-0.0091	0.027
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0003	32.62	-0.001	-0.0006
B_2496	249.678 {1	Y_3710	ppm	0.0772	0.0098	12.64	0.0841	0.0703
Ba4554	455.403 { 7	Y_3710	ppm	0.0783	0.0008	1.01	0.0789	0.0778
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0001	32.25	0.0004	0.0003
Ca3158	315.887 {1	In2306	ppm	116.8	0.4904	0.4197	117.2	116.5
Ca3181	318.128 {1	In2306	ppm	111.3	0.8436	0.758	111.9	110.7
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	269.6	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0	21.48	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0003	32.16	0.0007	0.0012
Cu3247	324.754 {1	Y_3600	ppm	0.0085	0.0002	2.774	0.0083	0.0086
Fe2404	240.488 {1	In2306	ppm	0.0125	0.0025	20.45	0.0143	0.0107
K_7664	766.490 { 4	Y_3710	ppm	3.839	0.1788	4.657	3.965	3.712
K_7698	769.896 { 4	Y_3710	ppm	3.824	0.1503	3.93	3.931	3.718
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0.0008	8.5	0.0104	0.0092
Mg2790	279.079 {1	Y_3710	ppm	3.824	0.0131	0.3424	3.833	3.815
Mn2576	257.610 {1	Y_3600	ppm	0.0163	0.0001	0.3943	0.0162	0.0163
Mn2576-2	257.610 {1	Y_3710	ppm	0.0173	0.0013	7.425	0.0182	0.0164
Mo2020	202.030 {4	Y_2243	ppm	0.0023	0	1.265	0.0024	0.0023
Na5895	589.592 { 5	Y_3710	ppm	46.8	2.134	4.56	48.3	45.29
Na8183	818.326 { 4	Y_3710	ppm	41.27	0.725	1.757	41.78	40.76
Ni2316	231.604 {4	In2306	ppm	0.0013	0.0002	18.43	0.0015	0.0011
P_1782	178.284 {4	In2306	ppm	0.0422	0.0005	1.117	0.0425	0.0419
Pb2203	220.353 {4	In2306	ppm	0.0005	0.001	215.8	-0.0002	0.0012
S_1820	182.034 {4	Y_2243	ppm	-1112	0.4413	0.0397	-1112	-1111
Sb2068	206.833 {4	Y_2243	ppm	-0.0016	0.0006	37.59	-0.0012	-0.002
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0013	42.67	0.0021	0.0039
Si2516	251.611 {1	Y_3710	ppm	1.019	0.0049	0.4811	1.022	1.015
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	175.7	0	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	1.278	0.0113	0.8866	1.286	1.27
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0004	99.24	0.0008	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0005	0.0002	33.09	0.0006	0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0012	0.0003	25.7	0.001	0.0014
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0001	2.729	0.003	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.93	1.5136	3.0935	47.859	50
In2306	230.606 {4	Cts/S	8086.2	4.9394	0.06108	8089.7	8082.7
Y_2243	224.306 {4	Cts/S	11388	16.666	0.14635	11399	11376
Y_3600	360.073 { 9	Cts/S	51824	84.458	0.16297	51884	51764
Y_3710	371.030 { 9	Cts/S	7686.7	90.165	1.173	7622.9	7750.4

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Custom ID3=
Run Time=1/26/2012 15:16:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	63.68	0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	-0.0174	0.0458	262.8	0.0149	-0.0498
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0004	67.75	0.0008	0.0003
B_2496	249.678 {1	Y_3710	ppm	0.0879	0.0008	0.9658	0.0885	0.0873
Ba4554	455.403 { 7	Y_3710	ppm	0.0783	0.0003	0.39	0.0785	0.0781
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	119.3	0.0001	0
Ca3158	315.887 {1	In2306	ppm	118.8	0.8981	0.7559	118.2	119.4
Ca3181	318.128 {1	In2306	ppm	113.5	0.9688	0.8536	112.8	114.2
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	480.9	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0002	227.4	0.0002	0
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0003	152.9	0.0004	0
Cu3247	324.754 {1	Y_3600	ppm	0.0037	0.0002	4.098	0.0036	0.0038
Fe2404	240.488 {1	In2306	ppm	0.0172	0.0134	77.94	0.0077	0.0266
K_7664	766.490 { 4	Y_3710	ppm	3.789	0.0849	2.242	3.849	3.729
K_7698	769.896 { 4	Y_3710	ppm	3.776	0.066	1.749	3.823	3.729
Li6707	670.784 { 5	Y_3710	ppm	0.0097	0.0006	6.191	0.0101	0.0093
Mg2790	279.079 {1	Y_3710	ppm	3.703	0.0249	0.673	3.685	3.72
Mn2576	257.610 {1	Y_3600	ppm	0.0116	0	0.372	0.0116	0.0115
Mn2576-2	257.610 {1	Y_3710	ppm	0.0148	0.0007	4.802	0.0153	0.0143
Mo2020	202.030 {4	Y_2243	ppm	0.002	0	2.431	0.0019	0.002
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	46.74	^ -----
Na8183	818.326 { 4	Y_3710	ppm	40.51	0.2773	0.6846	40.71	40.31
Ni2316	231.604 {4	In2306	ppm	0.0018	0.0001	5.624	0.0018	0.0017
P_1782	178.284 {4	In2306	ppm	0.0199	0.0012	6.122	0.0207	0.019
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0018	252.6	-0.002	0.0006
S_1820	182.034 {4	Y_2243	ppm	-1101	3.668	0.3331	-1104	-1099
Sb2068	206.833 {4	Y_2243	ppm	-0.0028	0.0005	16	-0.0032	-0.0025
Se1960	196.090 {4	Y_2243	ppm	0.0048	0.0005	10.39	0.0052	0.0045
Si2516	251.611 {1	Y_3710	ppm	1.006	0.0108	1.075	0.9986	1.014
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0002	69.36	0.0004	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.277	0.0009	0.0729	1.278	1.276
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0001	10.63	0.0011	0.0009
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0013	64.66	0.0011	0.0028
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0004	33.53	0.0016	0.001
Zn2062	206.200 {4	In2306	ppm	0.0017	0	0.5796	0.0017	0.0017

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.174	0.0574	0.11916	48.214	48.133
In2306	230.606 {4	Cts/S	8138.7	21.464	0.26373	8123.5	8153.9
Y_2243	224.306 {4	Cts/S	11476	27.461	0.23928	11457	11496
Y_3600	360.073 { 9	Cts/S	51933	143.82	0.27693	52035	51832
Y_3710	371.030 { 9	Cts/S	7720.9	40.256	0.52139	7692.4	7749.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2257	0.0016	0.7278	0.2268	0.2245
Al3082	308.215 {1	In2306	ppm	2.521	0.003	0.1189	2.523	2.519
As1890	189.042 {4	Y_2243	ppm	0.5456	0.0069	1.264	0.5504	0.5407
B_2496	249.678 {1	Y_3710	ppm	0.4696	0.0052	1.104	0.4659	0.4733
Ba4554	455.403 { 7	Y_3710	ppm	0.5023	0.0001	0.0188	0.5022	0.5023
Be3130	313.042 {1	Y_3710	ppm	0.4784	0.0002	0.0454	0.4786	0.4783
Ca3158	315.887 {1	In2306	ppm	11.83	0.1578	1.334	11.72	11.95
Ca3181	318.128 {1	In2306	ppm	11.33	0.0203	0.1787	11.32	11.35
Cd2288	228.802 {4	Y_2243	ppm	0.5091	0.0032	0.6214	0.5113	0.5068
Co2286	228.616 {4	In2306	ppm	0.4814	0.003	0.618	0.4835	0.4793
Cr2677	267.716 {1	Y_3600	ppm	0.4275	0.0016	0.3697	0.4286	0.4264
Cu3247	324.754 {1	Y_3600	ppm	0.4451	0.0031	0.7073	0.4473	0.4429
Fe2404	240.488 {1	In2306	ppm	2.357	0.0333	1.414	2.334	2.381
K_7664	766.490 { 4	Y_3710	ppm	14.17	0.2457	1.734	14.35	14
K_7698	769.896 { 4	Y_3710	ppm	14.56	0.2668	1.832	14.75	14.37
Li6707	670.784 { 5	Y_3710	ppm	0.6243	0.0099	1.589	0.6313	0.6173
Mg2790	279.079 {1	Y_3710	ppm	4.445	0.0978	2.2	4.375	4.514
Mn2576	257.610 {1	Y_3600	ppm	0.4379	0.0011	0.2449	0.4386	0.4371
Mn2576-2	257.610 {1	Y_3710	ppm	0.4832	0.0005	0.1075	0.4835	0.4828
Mo2020	202.030 {4	Y_2243	ppm	0.5768	0.0056	0.9672	0.5807	0.5728
Na5895	589.592 { 5	Y_3710	ppm	14.78	0.2278	1.541	14.94	14.62
Na8183	818.326 { 4	Y_3710	ppm	13.15	0.1772	1.348	13.28	13.02
Ni2316	231.604 {4	In2306	ppm	0.5184	0.0034	0.6633	0.5208	0.516
P_1782	178.284 {4	In2306	ppm	0.0003	0.0003	93.93	0.0005	0.0001
Pb2203	220.353 {4	In2306	ppm	0.5049	0.0029	0.5694	0.5069	0.5029
S_1820	182.034 {4	Y_2243	ppm	-25.14	0.5129	2.04	-24.78	-25.51
Sb2068	206.833 {4	Y_2243	ppm	0.5462	0.0055	1.004	0.55	0.5423
Se1960	196.090 {4	Y_2243	ppm	0.5745	0.0057	0.9946	0.5785	0.5704
Si2516	251.611 {1	Y_3710	ppm	0.7544	0.0065	0.8601	0.7498	0.759
Sn1899	189.989 {4	In2306	ppm	0.4633	0.0018	0.391	0.4646	0.462
Sr4215	421.552 { 8	Y_3710	ppm	0.2712	0.0004	0.1499	0.2715	0.2709
Ti3349	334.904 {1	Y_3600	ppm	0.4001	0.0017	0.435	0.4014	0.3989
Tl1908	190.856 {4	In2306	ppm	0.4698	0.0112	2.393	0.4777	0.4618
V_2924	292.402 {1	Y_3600	ppm	0.3947	0.0016	0.4018	0.3958	0.3936
Zn2062	206.200 {4	In2306	ppm	0.47	0.0023	0.4976	0.4716	0.4683

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.69	0.5922	1.1457	52.109	51.271
In2306	230.606 {4	Cts/S	8721.1	48.009	0.5505	8687.2	8755
Y_2243	224.306 {4	Cts/S	12171	84.655	0.69553	12111	12231
Y_3600	360.073 { 9	Cts/S	51686	217.49	0.42079	51532	51840
Y_3710	371.030 { 9	Cts/S	7856.3	14.924	0.18996	7845.7	7866.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0046	0	0.4324	0.0046	0.0046
Al3082	308.215 {1	In2306	ppm	0.0925	0.0202	21.85	0.1068	0.0782
As1890	189.042 {4	Y_2243	ppm	0.0105	0.0011	10.62	0.0097	0.0112
B_2496	249.678 {1	Y_3710	ppm	0.0137	0.001	7.318	0.0144	0.013
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0001	0.7154	0.0101	0.01
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0001	1.277	0.0047	0.0047
Ca3158	315.887 {1	In2306	ppm	0.064	0.0091	14.3	0.0704	0.0575
Ca3181	318.128 {1	In2306	ppm	0.113	0.1155	102.2	0.0314	0.1947
Cd2288	228.802 {4	Y_2243	ppm	0.0057	0.0007	11.85	0.0052	0.0062
Co2286	228.616 {4	In2306	ppm	0.0102	0.0007	6.69	0.0097	0.0107
Cr2677	267.716 {1	Y_3600	ppm	0.0084	0.0004	4.548	0.0087	0.0081
Cu3247	324.754 {1	Y_3600	ppm	0.0112	0.0007	6.46	0.0118	0.0107
Fe2404	240.488 {1	In2306	ppm	0.0947	0.0057	6.052	0.0907	0.0988
K_7664	766.490 { 4	Y_3710	ppm	0.6823	0.0066	0.96	0.6777	0.6869
K_7698	769.896 { 4	Y_3710	ppm	0.5694	0.0236	4.146	0.5861	0.5527
Li6707	670.784 { 5	Y_3710	ppm	0.0119	0.0001	0.6294	0.0118	0.0119
Mg2790	279.079 {1	Y_3710	ppm	-0.0033	0.016	489.9	0.008	-0.0146
Mn2576	257.610 {1	Y_3600	ppm	0.0089	0.0001	1.365	0.009	0.0088
Mn2576-2	257.610 {1	Y_3710	ppm	0.0099	0.0003	2.687	0.0097	0.0101
Mo2020	202.030 {4	Y_2243	ppm	0.0134	0.0015	10.96	0.0123	0.0144
Na5895	589.592 { 5	Y_3710	ppm	0.7606	0.0009	0.1162	0.7613	0.76
Na8183	818.326 { 4	Y_3710	ppm	0.4638	0.1401	30.2	0.3647	0.5628
Ni2316	231.604 {4	In2306	ppm	0.0112	0.0008	6.871	0.0106	0.0117
P_1782	178.284 {4	In2306	ppm	0.0105	0.0001	0.587	0.0105	0.0104
Pb2203	220.353 {4	In2306	ppm	0.0107	0.0001	0.519	0.0107	0.0106
S_1820	182.034 {4	Y_2243	ppm	0.2526	0.0335	13.25	0.2763	0.229
Sb2068	206.833 {4	Y_2243	ppm	0.0178	0.0001	0.6769	0.0179	0.0177
Se1960	196.090 {4	Y_2243	ppm	0.012	0.0002	1.346	0.0121	0.0119
Si2516	251.611 {1	Y_3710	ppm	-0.0267	0.0077	29.02	-0.0212	-0.0322
Sn1899	189.989 {4	In2306	ppm	0.0098	0.0009	9.141	0.0092	0.0105
Sr4215	421.552 { 8	Y_3710	ppm	0.0054	0	0.7869	0.0055	0.0054
Ti3349	334.904 {1	Y_3600	ppm	0.0087	0.0003	2.95	0.0088	0.0085
Tl1908	190.856 {4	In2306	ppm	0.0133	0.001	7.169	0.0126	0.014
V_2924	292.402 {1	Y_3600	ppm	0.0085	0.0004	4.852	0.0082	0.0088
Zn2062	206.200 {4	In2306	ppm	0.0085	0.0006	6.884	0.0081	0.0089

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.481	0.75204	1.433	53.013	51.949
In2306	230.606 {4	Cts/S	9233	25.202	0.27296	9250.8	9215.2
Y_2243	224.306 {4	Cts/S	12308	41.474	0.33697	12337	12278
Y_3600	360.073 { 9	Cts/S	51276	845.39	1.6487	50678	51873
Y_3710	371.030 { 9	Cts/S	7975.3	2.1736	0.02725	7973.8	7976.9

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 15:24:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0	137.8	0	0.0001
Al3082	308.215 {1	In2306	ppm	0.0023	0.0377	1660	-0.0244	0.029
As1890	189.042 {4	Y_2243	ppm	-0.0006	0.001	169.4	-0.0013	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0043	0.0064	149.2	-0.0002	0.0088
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0003	262.2	0.0001	-0.0003
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	49.16	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0293	0.0048	16.32	-0.0259	-0.0327
Ca3181	318.128 {1	In2306	ppm	0.0876	0.0594	67.72	0.0457	0.1296
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	69.12	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0	16.66	0.0003	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0001	19.6	-0.0006	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0028	0	1.68	0.0028	0.0028
Fe2404	240.488 {1	In2306	ppm	-0.0254	0.0049	19.3	-0.0219	-0.0289
K_7664	766.490 { 4	Y_3710	ppm	-0.0075	0.0068	90.97	-0.0027	-0.0123
K_7698	769.896 { 4	Y_3710	ppm	-0.1441	0.008	5.54	-0.1384	-0.1497
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0001	85.9	-0.0001	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.027	0.0402	148.8	-0.0555	0.0014
Mn2576	257.610 {1	Y_3600	ppm	-0.0002	0	12.91	-0.0002	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0009	0.0007	69.19	0.0014	0.0005
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	309.5	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0115	0.0034	29.76	0.0139	0.0091
Na8183	818.326 { 4	Y_3710	ppm	-0.2388	0.0038	1.6	-0.2415	-0.2361
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0001	29.66	0.0004	0.0002
P_1782	178.284 {4	In2306	ppm	0	0.0006	2773	0.0005	-0.0004
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0003	55.28	0.0003	0.0007
S_1820	182.034 {4	Y_2243	ppm	0.2602	0.0235	9.022	0.2768	0.2436
Sb2068	206.833 {4	Y_2243	ppm	-0.0014	0.0002	12.57	-0.0016	-0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.0008	306.8	0.0008	-0.0003
Si2516	251.611 {1	Y_3710	ppm	-0.0439	0.0135	30.83	-0.0343	-0.0535
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0001	52.22	-0.0004	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0	49.36	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0001	24.75	0.0004	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0006	42.24	0.0019	0.001
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0002	112.6	0	0.0003
Zn2062	206.200 {4	In2306	ppm	-0.0012	0	1.284	-0.0012	-0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.596	1.1458	2.2207	52.406	50.786
In2306	230.606 {4	Cts/S	9448.7	205.26	2.1723	9303.6	9593.9
Y_2243	224.306 {4	Cts/S	12537	233.24	1.8605	12372	12702
Y_3600	360.073 { 9	Cts/S	50631	141.73	0.27993	50731	50531
Y_3710	371.030 { 9	Cts/S	7904.4	42.552	0.53834	7874.3	7934.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0005	0.0002	35.29	-0.0006	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0072	0.0017	23.43	0.006	0.0084
As1890	189.042 {4	Y_2243	ppm	-0.0012	0.0003	25.59	-0.0015	-0.001
B_2496	249.678 {1	Y_3710	ppm	0.0674	0.0005	0.7856	0.0678	0.067
Ba4554	455.403 { 7	Y_3710	ppm	0.0766	0.0002	0.3052	0.0765	0.0768
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0001	19.67	0.0003	0.0002
Ca3158	315.887 {1	In2306	ppm	116.9	0.3039	0.26	117.1	116.6
Ca3181	318.128 {1	In2306	ppm	111.6	0.0552	0.0495	111.5	111.6
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	70.51	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	10.22	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0012	0.0001	11.86	0.0013	0.0011
Cu3247	324.754 {1	Y_3600	ppm	0.0044	0.0004	9.745	0.0047	0.0041
Fe2404	240.488 {1	In2306	ppm	0.0046	0.0046	101.6	0.0013	0.0078
K_7664	766.490 { 4	Y_3710	ppm	3.651	0.0532	1.458	3.614	3.689
K_7698	769.896 { 4	Y_3710	ppm	3.628	0.0058	0.1599	3.624	3.632
Li6707	670.784 { 5	Y_3710	ppm	0.009	0.0001	0.8373	0.009	0.0089
Mg2790	279.079 {1	Y_3710	ppm	3.745	0.087	2.324	3.807	3.684
Mn2576	257.610 {1	Y_3600	ppm	0.0067	0.0002	2.9	0.0068	0.0066
Mn2576-2	257.610 {1	Y_3710	ppm	0.008	0.0017	20.91	0.0092	0.0068
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0001	6.618	0.0023	0.0021
Na5895	589.592 { 5	Y_3710	ppm	44.22	0.4175	0.9442	43.92	44.51
Na8183	818.326 { 4	Y_3710	ppm	39.3	0.2325	0.5916	39.14	39.47
Ni2316	231.604 {4	In2306	ppm	0.0014	0.0001	9.006	0.0013	0.0015
P_1782	178.284 {4	In2306	ppm	0.0199	0.0017	8.798	0.0211	0.0186
Pb2203	220.353 {4	In2306	ppm	-0.001	0.0009	85.46	-0.0004	-0.0016
S_1820	182.034 {4	Y_2243	ppm	-1098	3.265	0.2975	-1100	-1095
Sb2068	206.833 {4	Y_2243	ppm	-0.0026	0.001	38.32	-0.0033	-0.0019
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0003	10.6	0.0032	0.0028
Si2516	251.611 {1	Y_3710	ppm	1.061	0.0085	0.8013	1.055	1.067
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	245.6	0	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	1.258	0.0006	0.0484	1.258	1.257
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0001	22	0.0008	0.0005
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0003	21.88	0.0012	0.0016
V_2924	292.402 {1	Y_3600	ppm	0.0018	0.0001	7.806	0.0017	0.0019
Zn2062	206.200 {4	In2306	ppm	0.0021	0.0001	3.543	0.0022	0.0021

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.412	0.08583	0.1737	49.473	49.351
In2306	230.606 {4	Cts/S	8118.5	12.58	0.15495	8109.6	8127.4
Y_2243	224.306 {4	Cts/S	11425	7.7394	0.06774	11420	11431
Y_3600	360.073 { 9	Cts/S	53162	900.22	1.6934	52525	53798
Y_3710	371.030 { 9	Cts/S	7714.7	7.2313	0.09373	7719.8	7709.6

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0005	0.0003	66.31	-0.0003	-0.0007
Al3082	308.215 {1	In2306	ppm	-0.0354	0.0379	107	-0.0086	-0.0622
As1890	189.042 {4	Y_2243	ppm	0.002	0.0011	53.81	0.0012	0.0027
B_2496	249.678 {1	Y_3710	ppm	0.0723	0.0073	10.1	0.0671	0.0775
Ba4554	455.403 { 7	Y_3710	ppm	0.0769	0.0003	0.3453	0.0767	0.077
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	107.1	0.0002	0
Ca3158	315.887 {1	In2306	ppm	117.5	5.25	4.469	121.2	113.8
Ca3181	318.128 {1	In2306	ppm	111.7	5.089	4.557	115.3	108.1
Cd2288	228.802 {4	Y_2243	ppm	0	0	976.6	0	0
Co2286	228.616 {4	In2306	ppm	0	0.0001	1971	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0005	67.5	0.001	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0062	0.0002	3.938	0.006	0.0064
Fe2404	240.488 {1	In2306	ppm	0.0149	0.0072	48.21	0.0098	0.02
K_7664	766.490 { 4	Y_3710	ppm	3.718	0.0071	0.1904	3.713	3.723
K_7698	769.896 { 4	Y_3710	ppm	3.728	0.0118	0.3179	3.719	3.736
Li6707	670.784 { 5	Y_3710	ppm	0.0093	0.0002	2.685	0.0091	0.0095
Mg2790	279.079 {1	Y_3710	ppm	3.626	0.0375	1.034	3.599	3.652
Mn2576	257.610 {1	Y_3600	ppm	0.0065	0.0001	1.613	0.0065	0.0066
Mn2576-2	257.610 {1	Y_3710	ppm	0.0075	0.0004	4.967	0.0078	0.0073
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0001	6.239	0.0019	0.002
Na5895	589.592 { 5	Y_3710	ppm	45.03	0.3822	0.8486	44.76	45.3
Na8183	818.326 { 4	Y_3710	ppm	39.71	0.005	0.0126	39.71	39.72
Ni2316	231.604 {4	In2306	ppm	0.0018	0.0002	10.8	0.0019	0.0016
P_1782	178.284 {4	In2306	ppm	0.044	0.0014	3.27	0.045	0.0429
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0002	26.63	-0.0005	-0.0008
S_1820	182.034 {4	Y_2243	ppm	-1103	14.17	1.285	-1113	-1093
Sb2068	206.833 {4	Y_2243	ppm	-0.0026	0.002	75.07	-0.004	-0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0027	0.0005	16.92	0.0024	0.003
Si2516	251.611 {1	Y_3710	ppm	1.072	0.0242	2.259	1.089	1.055
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0007	770.3	0.0004	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	1.264	0.0019	0.1483	1.263	1.265
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0005	88.52	0.0002	0.001
Tl1908	190.856 {4	In2306	ppm	0.0022	0.0003	12.08	0.0023	0.002
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0005	35.25	0.001	0.0017
Zn2062	206.200 {4	In2306	ppm	0.0023	0.0001	2.607	0.0023	0.0023

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.659	1.6244	3.3384	47.51	49.808
In2306	230.606 {4	Cts/S	8035.7	72.788	0.90581	7984.2	8087.2
Y_2243	224.306 {4	Cts/S	11299	87.833	0.77736	11237	11361
Y_3600	360.073 { 9	Cts/S	52137	183.48	0.35191	52267	52007
Y_3710	371.030 { 9	Cts/S	7709.6	7.1633	0.09291	7704.6	7714.7

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0003	761.8	-0.0003	0.0002
Al3082	308.215 {1	In2306	ppm	0.0097	0.0102	104.6	0.0025	0.0169
As1890	189.042 {4	Y_2243	ppm	-0.0016	0.0007	46.56	-0.0011	-0.0021
B_2496	249.678 {1	Y_3710	ppm	0.0787	0.0001	0.1056	0.0787	0.0786
Ba4554	455.403 { 7	Y_3710	ppm	0.0779	0.0003	0.3901	0.0777	0.0781
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	479.9	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	119.5	0.1649	0.138	119.3	119.6
Ca3181	318.128 {1	In2306	ppm	113.5	0.0025	0.0022	113.5	113.5
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	147.9	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	100.6	0.0002	0
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0005	50.65	0.0012	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0031	0	1.062	0.0031	0.0031
Fe2404	240.488 {1	In2306	ppm	0.0168	0.0096	57.02	0.01	0.0235
K_7664	766.490 { 4	Y_3710	ppm	3.704	0.0824	2.226	3.646	3.762
K_7698	769.896 { 4	Y_3710	ppm	3.701	0.0155	0.4184	3.69	3.712
Li6707	670.784 { 5	Y_3710	ppm	0.0092	0.0003	3.183	0.0089	0.0094
Mg2790	279.079 {1	Y_3710	ppm	3.74	0.0136	0.3624	3.749	3.73
Mn2576	257.610 {1	Y_3600	ppm	0.0071	0	0.128	0.0071	0.007
Mn2576-2	257.610 {1	Y_3710	ppm	0.0089	0.0011	12.62	0.0081	0.0097
Mo2020	202.030 {4	Y_2243	ppm	0.002	0	1.395	0.002	0.002
Na5895	589.592 { 5	Y_3710	ppm	45.32	0.9691	2.138	44.64	46.01
Na8183	818.326 { 4	Y_3710	ppm	40.04	0.441	1.102	39.72	40.35
Ni2316	231.604 {4	In2306	ppm	0.0014	0.0001	8.914	0.0013	0.0015
P_1782	178.284 {4	In2306	ppm	0.0219	0.0003	1.43	0.0216	0.0221
Pb2203	220.353 {4	In2306	ppm	-0.0004	0.0015	421.5	0.0007	-0.0015
S_1820	182.034 {4	Y_2243	ppm	-1107	0.1132	0.0102	-1107	-1107
Sb2068	206.833 {4	Y_2243	ppm	-0.0018	0.0013	69.27	-0.0027	-0.0009
Se1960	196.090 {4	Y_2243	ppm	0.0037	0.0007	18.65	0.0041	0.0032
Si2516	251.611 {1	Y_3710	ppm	1.076	0.0241	2.244	1.059	1.093
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	155.3	-0.0002	0
Sr4215	421.552 { 8	Y_3710	ppm	1.275	0.0018	0.1375	1.273	1.276
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0	2.331	0.0008	0.0008
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0003	25.62	0.001	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0015	0.0004	25.97	0.0018	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0019	0	1.368	0.0019	0.0019

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.332	0.40395	0.83578	48.618	48.047
In2306	230.606 {4	Cts/S	8078.9	18.891	0.23383	8065.5	8092.2
Y_2243	224.306 {4	Cts/S	11339	50.992	0.44972	11303	11375
Y_3600	360.073 { 9	Cts/S	52178	208	0.39864	52325	52031
Y_3710	371.030 { 9	Cts/S	7712.5	26.577	0.34459	7731.2	7693.7

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	168.8	0	-0.0003
Al3082	308.215 {1	In2306	ppm	-0.0122	0.0138	113.1	-0.0024	-0.022
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0011	1626	0.0007	-0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0825	0.0025	3.005	0.0843	0.0808
Ba4554	455.403 { 7	Y_3710	ppm	0.0774	0.0003	0.3276	0.0776	0.0772
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	32.63	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	120	1.198	0.9989	120.8	119.1
Ca3181	318.128 {1	In2306	ppm	114.3	1.287	1.126	115.3	113.4
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	107.3	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	10.74	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0	8.892	0.0004	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0048	0.0001	1.723	0.0047	0.0048
Fe2404	240.488 {1	In2306	ppm	0.0014	0.0134	932.9	0.0109	-0.008
K_7664	766.490 { 4	Y_3710	ppm	3.586	0.0234	0.6517	3.569	3.602
K_7698	769.896 { 4	Y_3710	ppm	3.597	0.0158	0.4382	3.586	3.608
Li6707	670.784 { 5	Y_3710	ppm	0.0088	0	0.3435	0.0087	0.0088
Mg2790	279.079 {1	Y_3710	ppm	3.77	0.1109	2.942	3.691	3.848
Mn2576	257.610 {1	Y_3600	ppm	0.0078	0.0001	0.8158	0.0078	0.0077
Mn2576-2	257.610 {1	Y_3710	ppm	0.0104	0.0002	2.35	0.0106	0.0102
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0001	6.622	0.0021	0.0019
Na5895	589.592 { 5	Y_3710	ppm	43.97	0.0714	0.1624	43.92	44.02
Na8183	818.326 { 4	Y_3710	ppm	39.54	0.113	0.2857	39.62	39.46
Ni2316	231.604 {4	In2306	ppm	0.0019	0.0002	8.923	0.002	0.0018
P_1782	178.284 {4	In2306	ppm	0.0369	0.0021	5.717	0.0384	0.0354
Pb2203	220.353 {4	In2306	ppm	0.0006	0.001	176.6	0.0013	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-1107	5.15	0.4652	-1111	-1104
Sb2068	206.833 {4	Y_2243	ppm	-0.0028	0.001	34.48	-0.0034	-0.0021
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0012	34.62	0.0026	0.0043
Si2516	251.611 {1	Y_3710	ppm	1.106	0.0069	0.6252	1.111	1.101
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0005	520.6	-0.0003	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	1.273	0.0011	0.0895	1.274	1.272
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0007	113.7	0.0001	0.001
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0005	39.5	0.001	0.0017
V_2924	292.402 {1	Y_3600	ppm	0.0015	0.0002	11.29	0.0014	0.0016
Zn2062	206.200 {4	In2306	ppm	0.0019	0.0001	4.588	0.0018	0.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.124	0.67325	1.3705	48.648	49.6
In2306	230.606 {4	Cts/S	8067.8	10.89	0.13498	8060.1	8075.5
Y_2243	224.306 {4	Cts/S	11332	32.278	0.28484	11309	11355
Y_3600	360.073 { 9	Cts/S	52092	357.64	0.68654	51840	52345
Y_3710	371.030 { 9	Cts/S	7769.3	4.7256	0.06082	7766	7772.7

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0006	878.3	0.0005	-0.0003
Al3082	308.215 {1	In2306	ppm	-0.0341	0.0378	110.8	-0.0074	-0.0609
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.0006	55.55	-0.0007	-0.0015
B_2496	249.678 {1	Y_3710	ppm	0.0779	0.0041	5.227	0.0751	0.0808
Ba4554	455.403 { 7	Y_3710	ppm	0.0778	0.0004	0.4596	0.078	0.0775
Be3130	313.042 {1	Y_3710	ppm	0.0003	0	12.64	0.0003	0.0004
Ca3158	315.887 {1	In2306	ppm	117.7	1.346	1.143	118.7	116.8
Ca3181	318.128 {1	In2306	ppm	112.5	1.089	0.9683	113.2	111.7
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	34.08	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	84.09	0.0003	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0001	13.23	0.0007	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0035	0	1.227	0.0036	0.0035
Fe2404	240.488 {1	In2306	ppm	0.018	0.0149	82.42	0.0286	0.0075
K_7664	766.490 { 4	Y_3710	ppm	3.707	0.0058	0.1561	3.711	3.703
K_7698	769.896 { 4	Y_3710	ppm	3.709	0.0169	0.455	3.721	3.697
Li6707	670.784 { 5	Y_3710	ppm	0.0091	0.0003	3.182	0.0089	0.0093
Mg2790	279.079 {1	Y_3710	ppm	3.752	0.0072	0.1927	3.757	3.747
Mn2576	257.610 {1	Y_3600	ppm	0.008	0.0001	0.8834	0.008	0.0081
Mn2576-2	257.610 {1	Y_3710	ppm	0.0076	0.001	13.57	0.0083	0.0069
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0	1.994	0.0022	0.0021
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	45.59	^ -----
Na8183	818.326 { 4	Y_3710	ppm	40.24	0.0628	0.1561	40.2	40.29
Ni2316	231.604 {4	In2306	ppm	0.0019	0.0004	21.73	0.0022	0.0016
P_1782	178.284 {4	In2306	ppm	0.0188	0.0005	2.635	0.0185	0.0192
Pb2203	220.353 {4	In2306	ppm	-0.0005	0.0001	11.58	-0.0006	-0.0005
S_1820	182.034 {4	Y_2243	ppm	-1107	3.648	0.3296	-1109	-1104
Sb2068	206.833 {4	Y_2243	ppm	-0.0034	0.0005	13.94	-0.0031	-0.0037
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0007	24.14	0.0025	0.0035
Si2516	251.611 {1	Y_3710	ppm	1.148	0.0339	2.95	1.172	1.124
Sn1899	189.989 {4	In2306	ppm	0.0007	0.0002	28.85	0.0008	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	1.277	0.0008	0.0608	1.276	1.277
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0001	14.91	0.0005	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0011	0.0002	15.74	0.0012	0.001
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0003	20.25	0.0016	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0014	0	0.4302	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.348	0.72022	1.4595	48.839	49.857
In2306	230.606 {4	Cts/S	8093.4	7.2968	0.09016	8088.2	8098.6
Y_2243	224.306 {4	Cts/S	11384	3.1852	0.02798	11381	11386
Y_3600	360.073 { 9	Cts/S	51869	150.24	0.28966	51975	51762
Y_3710	371.030 { 9	Cts/S	7691	2.755	0.03582	7692.9	7689

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Custom ID3=
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Mode=CONC
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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0005	0.0007	133.4	0	-0.001
Al3082	308.215 {1	In2306	ppm	-0.0095	0.0295	311.1	0.0114	-0.0304
As1890	189.042 {4	Y_2243	ppm	0.0008	0.0004	53.59	0.0005	0.0011
B_2496	249.678 {1	Y_3710	ppm	0.0802	0.0053	6.604	0.084	0.0765
Ba4554	455.403 { 7	Y_3710	ppm	0.0762	0.0004	0.5429	0.0765	0.0759
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	169.6	0	0.0001
Ca3158	315.887 {1	In2306	ppm	115.9	1.309	1.13	116.8	114.9
Ca3181	318.128 {1	In2306	ppm	110.6	1.174	1.062	111.4	109.7
Cd2288	228.802 {4	Y_2243	ppm	0	0	210.2	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0002	0	0.2528	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0005	80.5	0.0003	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.003	0.0002	5.278	0.0029	0.0031
Fe2404	240.488 {1	In2306	ppm	0.0113	0.0145	128.2	0.0215	0.0011
K_7664	766.490 { 4	Y_3710	ppm	3.671	0.0124	0.3385	3.68	3.662
K_7698	769.896 { 4	Y_3710	ppm	3.696	0.0349	0.9439	3.72	3.671
Li6707	670.784 { 5	Y_3710	ppm	0.0091	0.0003	3.397	0.0093	0.0089
Mg2790	279.079 {1	Y_3710	ppm	3.656	0.0037	0.1015	3.659	3.653
Mn2576	257.610 {1	Y_3600	ppm	0.0079	0.0001	0.732	0.0079	0.0078
Mn2576-2	257.610 {1	Y_3710	ppm	0.0104	0.0026	25.58	0.0122	0.0085
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0.0001	3.793	0.002	0.0022
Na5895	589.592 { 5	Y_3710	ppm	45.03	0.2531	0.562	45.21	44.85
Na8183	818.326 { 4	Y_3710	ppm	39.98	0.2464	0.6162	40.15	39.81
Ni2316	231.604 {4	In2306	ppm	0.002	0.0001	7.141	0.0019	0.0021
P_1782	178.284 {4	In2306	ppm	0.0147	0.001	6.65	0.0141	0.0154
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0001	83.44	-0.0001	-0.0003
S_1820	182.034 {4	Y_2243	ppm	-1125	55.81	4.959	-1086	-1165
Sb2068	206.833 {4	Y_2243	ppm	-0.0034	0.0012	34.14	-0.0042	-0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0048	0.0009	18.57	0.0055	0.0042
Si2516	251.611 {1	Y_3710	ppm	1.14	0.0194	1.697	1.127	1.154
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	49.24	0.0001	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	1.258	0.005	0.3961	1.262	1.255
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0005	104.6	0.0008	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0007	110.6	0.0011	0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0006	38.9	0.002	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0014	0.0002	14.65	0.0013	0.0016

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.258	0.75654	1.5359	48.723	49.793
In2306	230.606 {4	Cts/S	7917	311.96	3.9403	8137.6	7696.4
Y_2243	224.306 {4	Cts/S	11136	411.78	3.6977	11427	10845
Y_3600	360.073 { 9	Cts/S	52131	197.87	0.37956	52271	51992
Y_3710	371.030 { 9	Cts/S	7703.1	15.034	0.19517	7692.4	7713.7

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0	0.3308	0.0007	0.0007
Al3082	308.215 {1	In2306	ppm	-0.0114	0.027	236.3	0.0077	-0.0305
As1890	189.042 {4	Y_2243	ppm	0.0013	0.0008	63.82	0.0019	0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0826	0.0041	4.977	0.0797	0.0855
Ba4554	455.403 { 7	Y_3710	ppm	0.0779	0.0006	0.788	0.0784	0.0775
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0003	99.85	0.0005	0.0001
Ca3158	315.887 {1	In2306	ppm	116.5	3.779	3.244	113.8	119.2
Ca3181	318.128 {1	In2306	ppm	110.9	3.633	3.277	108.3	113.4
Cd2288	228.802 {4	Y_2243	ppm	0	0	216	0	0
Co2286	228.616 {4	In2306	ppm	0.0003	0	14.98	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0003	104.4	0.0006	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0028	0.0001	4.826	0.0027	0.0029
Fe2404	240.488 {1	In2306	ppm	0.035	0.0003	0.7408	0.0352	0.0348
K_7664	766.490 { 4	Y_3710	ppm	3.661	0.1067	2.916	3.736	3.585
K_7698	769.896 { 4	Y_3710	ppm	3.724	0.0688	1.847	3.772	3.675
Li6707	670.784 { 5	Y_3710	ppm	0.0088	0.0003	2.969	0.009	0.0086
Mg2790	279.079 {1	Y_3710	ppm	3.794	0.0024	0.062	3.792	3.795
Mn2576	257.610 {1	Y_3600	ppm	0.0151	0	0.0051	0.0151	0.0151
Mn2576-2	257.610 {1	Y_3710	ppm	0.0176	0.0008	4.713	0.0181	0.017
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0001	5.283	0.0021	0.002
Na5895	589.592 { 5	Y_3710	ppm	44.88	1.623	3.617	46.03	43.73
Na8183	818.326 { 4	Y_3710	ppm	40.31	0.6897	1.711	40.79	39.82
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0002	12.42	0.0014	0.0017
P_1782	178.284 {4	In2306	ppm	0.0054	0.0005	8.802	0.0057	0.005
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0005	65.59	0.0004	0.0012
S_1820	182.034 {4	Y_2243	ppm	-1122	3.794	0.3383	-1119	-1124
Sb2068	206.833 {4	Y_2243	ppm	-0.0021	0.002	94.87	-0.0036	-0.0007
Se1960	196.090 {4	Y_2243	ppm	0.0039	0.0004	11.08	0.0042	0.0036
Si2516	251.611 {1	Y_3710	ppm	0.9623	0.0183	1.897	0.9494	0.9752
Sn1899	189.989 {4	In2306	ppm	0	0.0001	128.9	-0.0001	0
Sr4215	421.552 { 8	Y_3710	ppm	1.273	0.0032	0.2498	1.275	1.271
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0003	28.56	0.0012	0.0008
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0001	11.36	0.0006	0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0003	26.36	0.0016	0.0011
Zn2062	206.200 {4	In2306	ppm	0.0013	0	3.136	0.0013	0.0014

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.209	0.80088	1.6275	49.775	48.642
In2306	230.606 {4	Cts/S	8077.9	40.189	0.49751	8106.4	8049.5
Y_2243	224.306 {4	Cts/S	11393	108.9	0.95585	11470	11316
Y_3600	360.073 { 9	Cts/S	52315	236.64	0.45234	52148	52483
Y_3710	371.030 { 9	Cts/S	7669.3	9.7617	0.12728	7662.4	7676.2

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	30.19	0.0002	0.0002
Al3082	308.215 {1	In2306	ppm	0.4774	0.0083	1.747	0.4715	0.4833
As1890	189.042 {4	Y_2243	ppm	0.0025	0.0005	21.63	0.0029	0.0021
B_2496	249.678 {1	Y_3710	ppm	0.1935	0.0082	4.222	0.1877	0.1993
Ba4554	455.403 { 7	Y_3710	ppm	0.1546	0.0007	0.4335	0.1541	0.1551
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	27.02	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	82.07	1.37	1.669	81.1	83.04
Ca3181	318.128 {1	In2306	ppm	77.42	1.114	1.438	76.64	78.21
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	14.29	0.0003	0.0002
Co2286	228.616 {4	In2306	ppm	0.0006	0.0001	21.13	0.0007	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0044	0.0001	2.259	0.0045	0.0043
Cu3247	324.754 {1	Y_3600	ppm	0.0066	0.0002	3.158	0.0065	0.0068
Fe2404	240.488 {1	In2306	ppm	0.471	0.0311	6.611	0.4489	0.493
K_7664	766.490 { 4	Y_3710	ppm	15.19	0.1297	0.8538	15.1	15.28
K_7698	769.896 { 4	Y_3710	ppm	15.99	0.1361	0.8515	15.89	16.08
Li6707	670.784 { 5	Y_3710	ppm	0.0077	0.0002	3.101	0.0079	0.0075
Mg2790	279.079 {1	Y_3710	ppm	8.241	0.0808	0.9799	8.298	8.184
Mn2576	257.610 {1	Y_3600	ppm	0.3635	0.0007	0.2061	0.364	0.363
Mn2576-2	257.610 {1	Y_3710	ppm	0.4303	0.0012	0.2739	0.4311	0.4295
Mo2020	202.030 {4	Y_2243	ppm	0.008	0.0001	1.163	0.0079	0.0081
Na5895	589.592 { 5	Y_3710	ppm	915.2	15.97	1.745	903.9	926.5
Na8183	818.326 { 4	Y_3710	ppm	1265	5.286	0.4179	1261	1269
Ni2316	231.604 {4	In2306	ppm	0.0092	0.0002	1.69	0.0094	0.0091
P_1782	178.284 {4	In2306	ppm	0.874	0.0111	1.267	0.8818	0.8661
Pb2203	220.353 {4	In2306	ppm	-0.0009	0.0003	37.08	-0.0007	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-18850	104.5	0.5542	-18930	-18780
Sb2068	206.833 {4	Y_2243	ppm	-0.0042	0.0004	9.201	-0.0039	-0.0045
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0001	2.531	0.0024	0.0025
Si2516	251.611 {1	Y_3710	ppm	5.739	0.0411	0.7154	5.71	5.768
Sn1899	189.989 {4	In2306	ppm	0.0014	0.0004	29.06	0.0017	0.0011
Sr4215	421.552 { 8	Y_3710	ppm	0.6418	0.0022	0.3365	0.6403	0.6433
Ti3349	334.904 {1	Y_3600	ppm	0.0051	0	0.4958	0.0051	0.0051
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0012	150.5	-0.0016	0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0033	0.0002	5.622	0.0032	0.0034
Zn2062	206.200 {4	In2306	ppm	0.0092	0.0001	1.302	0.0093	0.0091

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	46.584	1.029	2.2089	47.312	45.857
In2306	230.606 {4	Cts/S	6576.7	17.085	0.25978	6564.7	6588.8
Y_2243	224.306 {4	Cts/S	10213	40.261	0.39423	10184	10241
Y_3600	360.073 { 9	Cts/S	53868	61.855	0.11483	53912	53824
Y_3710	371.030 { 9	Cts/S	7447.1	7.3091	0.09815	7442	7452.3

[Sample Header]
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SampleName=600-49348-A-2-B DU
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 15:47:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0002	129.3	0	0.0003
Al3082	308.215 {1	In2306	ppm	0.5044	0.0981	19.44	0.4351	0.5737
As1890	189.042 {4	Y_2243	ppm	0.0026	0.0004	15.44	0.0029	0.0023
B_2496	249.678 {1	Y_3710	ppm	0.1726	0.0066	3.826	0.168	0.1773
Ba4554	455.403 { 7	Y_3710	ppm	0.1543	0.0004	0.2462	0.1546	0.154
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0002	171.6	0	0.0003
Ca3158	315.887 {1	In2306	ppm	80.9	3.368	4.163	78.52	83.28
Ca3181	318.128 {1	In2306	ppm	76.78	2.895	3.771	74.73	78.83
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	72.3	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0006	0	7.476	0.0006	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0042	0.0003	6.923	0.0045	0.004
Cu3247	324.754 {1	Y_3600	ppm	0.0073	0	0.3155	0.0073	0.0073
Fe2404	240.488 {1	In2306	ppm	0.4661	0.0292	6.273	0.4454	0.4868
K_7664	766.490 { 4	Y_3710	ppm	15.14	0.0477	0.3152	15.17	15.11
K_7698	769.896 { 4	Y_3710	ppm	15.93	0.0485	0.3046	15.97	15.9
Li6707	670.784 { 5	Y_3710	ppm	0.0073	0.0003	3.67	0.0071	0.0075
Mg2790	279.079 {1	Y_3710	ppm	8.178	0.0629	0.769	8.133	8.222
Mn2576	257.610 {1	Y_3600	ppm	0.3635	0.0032	0.8876	0.3613	0.3658
Mn2576-2	257.610 {1	Y_3710	ppm	0.43	0.0007	0.1694	0.4295	0.4305
Mo2020	202.030 {4	Y_2243	ppm	0.0083	0	0.5344	0.0082	0.0083
Na5895	589.592 { 5	Y_3710	ppm	920.5	17.99	1.954	907.8	933.2
Na8183	818.326 { 4	Y_3710	ppm	1258	1.526	0.1213	1259	1257
Ni2316	231.604 {4	In2306	ppm	0.0092	0.0001	1.601	0.0093	0.009
P_1782	178.284 {4	In2306	ppm	0.869	0.0007	0.0807	0.8685	0.8695
Pb2203	220.353 {4	In2306	ppm	-0.0014	0.0009	60.35	-0.0008	-0.002
S_1820	182.034 {4	Y_2243	ppm	-18840	7.135	0.0379	-18830	-18840
Sb2068	206.833 {4	Y_2243	ppm	-0.0021	0.0001	5.165	-0.0022	-0.0021
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0003	12.88	0.0028	0.0023
Si2516	251.611 {1	Y_3710	ppm	5.754	0.0186	0.3239	5.741	5.767
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0004	345.1	-0.0004	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.6393	0.0009	0.1351	0.6399	0.6387
Ti3349	334.904 {1	Y_3600	ppm	0.0039	0.0006	14.02	0.0035	0.0043
Tl1908	190.856 {4	In2306	ppm	-0.0007	0.0005	72.05	-0.0003	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0031	0.0004	13.22	0.0034	0.0028
Zn2062	206.200 {4	In2306	ppm	0.0085	0	0.4956	0.0085	0.0085

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	46.954	1.5196	3.2364	48.029	45.88
In2306	230.606 {4	Cts/S	6607.6	24.859	0.37622	6625.2	6590.1
Y_2243	224.306 {4	Cts/S	10280	60.295	0.58653	10323	10237
Y_3600	360.073 { 9	Cts/S	53822	412.7	0.7668	54113	53530
Y_3710	371.030 { 9	Cts/S	7438.1	7.8656	0.10575	7443.7	7432.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4787	0.0023	0.4891	0.4804	0.477
Al3082	308.215 {1	In2306	ppm	11.58	0.1166	1.007	11.5	11.66
As1890	189.042 {4	Y_2243	ppm	1.188	0.005	0.4222	1.191	1.184
B_2496	249.678 {1	Y_3710	ppm	1.139	0.0084	0.7382	1.145	1.133
Ba4554	455.403 { 7	Y_3710	ppm	1.139	0.0025	0.2223	1.137	1.14
Be3130	313.042 {1	Y_3710	ppm	0.4693	0.0015	0.325	0.4683	0.4704
Ca3158	315.887 {1	In2306	ppm	88.37	0.8471	0.9587	87.77	88.97
Ca3181	318.128 {1	In2306	ppm	84.31	0.4029	0.4779	84.03	84.6
Cd2288	228.802 {4	Y_2243	ppm	0.5428	0.0016	0.2966	0.5439	0.5416
Co2286	228.616 {4	In2306	ppm	1.001	0.0027	0.2686	1.003	0.9995
Cr2677	267.716 {1	Y_3600	ppm	0.797	0.0008	0.0977	0.7975	0.7964
Cu3247	324.754 {1	Y_3600	ppm	0.9754	0.0059	0.6098	0.9796	0.9712
Fe2404	240.488 {1	In2306	ppm	10.13	0	0.0003	10.13	10.13
K_7664	766.490 { 4	Y_3710	ppm	26.58	0.0941	0.354	26.65	26.52
K_7698	769.896 { 4	Y_3710	ppm	28.25	0.1086	0.3844	28.33	28.18
Li6707	670.784 { 5	Y_3710	ppm	0.6161	0.0019	0.3107	0.6174	0.6147
Mg2790	279.079 {1	Y_3710	ppm	17.19	0.198	1.152	17.05	17.33
Mn2576	257.610 {1	Y_3600	ppm	1.169	0.0026	0.2229	1.171	1.167
Mn2576-2	257.610 {1	Y_3710	ppm	1.383	0.0057	0.4132	1.379	1.387
Mo2020	202.030 {4	Y_2243	ppm	1.093	0.0041	0.3725	1.096	1.09
Na5895	589.592 { 5	Y_3710	ppm	909.6	0.9749	0.1072	908.9	910.3
Na8183	818.326 { 4	Y_3710	ppm	1257	0.0184	0.0015	1257	1257
Ni2316	231.604 {4	In2306	ppm	1.073	0.0031	0.2888	1.076	1.071
P_1782	178.284 {4	In2306	ppm	0.8306	0.0041	0.4939	0.8277	0.8335
Pb2203	220.353 {4	In2306	ppm	0.9995	0.004	0.3965	1.002	0.9967
S_1820	182.034 {4	Y_2243	ppm	-18230	9.323	0.0511	-18240	-18220
Sb2068	206.833 {4	Y_2243	ppm	1.122	0.0032	0.287	1.124	1.12
Se1960	196.090 {4	Y_2243	ppm	1.327	0.0009	0.0661	1.327	1.326
Si2516	251.611 {1	Y_3710	ppm	6.689	0.0593	0.8861	6.647	6.731
Sn1899	189.989 {4	In2306	ppm	0.9471	0.0044	0.46	0.9502	0.944
Sr4215	421.552 { 8	Y_3710	ppm	1.148	0.0007	0.0642	1.148	1.149
Ti3349	334.904 {1	Y_3600	ppm	0.7595	0.0027	0.3563	0.7614	0.7576
Tl1908	190.856 {4	In2306	ppm	0.8732	0.0104	1.194	0.8806	0.8658
V_2924	292.402 {1	Y_3600	ppm	0.7554	0.0037	0.4906	0.758	0.7528
Zn2062	206.200 {4	In2306	ppm	1.047	0.0005	0.0519	1.047	1.046

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.17	0.3418	0.72461	47.412	46.929
In2306	230.606 {4	Cts/S	6598.9	9.8676	0.14953	6591.9	6605.9
Y_2243	224.306 {4	Cts/S	10455	22.329	0.21358	10439	10470
Y_3600	360.073 { 9	Cts/S	53215	72.085	0.13546	53164	53266
Y_3710	371.030 { 9	Cts/S	7360	5.9514	0.08086	7364.2	7355.8

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Username=admin
Comment=
Custom ID1=
Custom ID2=
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Run Time=1/26/2012 15:53:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2238	0.0014	0.6354	0.2228	0.2248
Al3082	308.215 {1	In2306	ppm	2.728	0.0799	2.929	2.671	2.784
As1890	189.042 {4	Y_2243	ppm	0.555	0.0067	1.201	0.5503	0.5598
B_2496	249.678 {1	Y_3710	ppm	0.4739	0.007	1.477	0.4689	0.4788
Ba4554	455.403 { 7	Y_3710	ppm	0.5062	0.0043	0.8488	0.5032	0.5093
Be3130	313.042 {1	Y_3710	ppm	0.4804	0.0035	0.7267	0.4779	0.4829
Ca3158	315.887 {1	In2306	ppm	12.44	0.4125	3.317	12.15	12.73
Ca3181	318.128 {1	In2306	ppm	11.74	0.2666	2.271	11.55	11.93
Cd2288	228.802 {4	Y_2243	ppm	0.5112	0.0015	0.2973	0.5123	0.5102
Co2286	228.616 {4	In2306	ppm	0.4895	0.0022	0.4569	0.488	0.4911
Cr2677	267.716 {1	Y_3600	ppm	0.4245	0.0001	0.0123	0.4246	0.4245
Cu3247	324.754 {1	Y_3600	ppm	0.446	0.0001	0.0298	0.4459	0.4461
Fe2404	240.488 {1	In2306	ppm	2.466	0.1354	5.492	2.37	2.562
K_7664	766.490 { 4	Y_3710	ppm	14.54	0.0853	0.5868	14.48	14.6
K_7698	769.896 { 4	Y_3710	ppm	14.99	0.0588	0.3923	14.95	15.03
Li6707	670.784 { 5	Y_3710	ppm	0.6396	0.0068	1.059	0.6348	0.6443
Mg2790	279.079 {1	Y_3710	ppm	4.534	0.0649	1.431	4.488	4.58
Mn2576	257.610 {1	Y_3600	ppm	0.4348	0.0013	0.2932	0.4339	0.4357
Mn2576-2	257.610 {1	Y_3710	ppm	0.4839	0.0102	2.112	0.4767	0.4911
Mo2020	202.030 {4	Y_2243	ppm	0.5841	0.0026	0.4433	0.5823	0.586
Na5895	589.592 { 5	Y_3710	ppm	15.28	0.1479	0.968	15.18	15.39
Na8183	818.326 { 4	Y_3710	ppm	13.36	0.0582	0.4354	13.32	13.4
Ni2316	231.604 {4	In2306	ppm	0.526	0.0017	0.3159	0.5248	0.5271
P_1782	178.284 {4	In2306	ppm	0.006	0.0069	115.5	0.0011	0.0109
Pb2203	220.353 {4	In2306	ppm	0.5099	0.0024	0.4686	0.5083	0.5116
S_1820	182.034 {4	Y_2243	ppm	-131	135.1	103.1	-35.45	-226.5
Sb2068	206.833 {4	Y_2243	ppm	0.5638	0.0057	1.01	0.5597	0.5678
Se1960	196.090 {4	Y_2243	ppm	0.5784	0	0.0055	0.5784	0.5784
Si2516	251.611 {1	Y_3710	ppm	0.7836	0.0042	0.5349	0.7866	0.7806
Sn1899	189.989 {4	In2306	ppm	0.473	0.0019	0.3991	0.4716	0.4743
Sr4215	421.552 { 8	Y_3710	ppm	0.2735	0.0026	0.9343	0.2717	0.2753
Ti3349	334.904 {1	Y_3600	ppm	0.3951	0.0002	0.0568	0.395	0.3953
Tl1908	190.856 {4	In2306	ppm	0.4711	0.0039	0.8187	0.4739	0.4684
V_2924	292.402 {1	Y_3600	ppm	0.3944	0.0002	0.0579	0.3942	0.3946
Zn2062	206.200 {4	In2306	ppm	0.4776	0.0016	0.3325	0.4764	0.4787

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.158	1.5024	3.0562	50.221	48.096
In2306	230.606 {4	Cts/S	8628.2	47.734	0.55323	8661.9	8594.4
Y_2243	224.306 {4	Cts/S	12094	59.74	0.49394	12137	12052
Y_3600	360.073 { 9	Cts/S	52004	106.21	0.20423	52079	51928
Y_3710	371.030 { 9	Cts/S	7797.4	45.298	0.58094	7829.4	7765.4

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Custom ID1=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0005	10.98	0.0052	0.0045
Al3082	308.215 {1	In2306	ppm	0.1025	0.045	43.89	0.1343	0.0707
As1890	189.042 {4	Y_2243	ppm	0.0184	0.0116	62.78	0.0103	0.0266
B_2496	249.678 {1	Y_3710	ppm	0.0109	0.0049	44.91	0.0075	0.0144
Ba4554	455.403 { 7	Y_3710	ppm	0.0107	0.0004	3.672	0.0104	0.011
Be3130	313.042 {1	Y_3710	ppm	0.0052	0.0003	5.149	0.005	0.0054
Ca3158	315.887 {1	In2306	ppm	0.0769	0.0023	3.05	0.0753	0.0786
Ca3181	318.128 {1	In2306	ppm	0.0879	0.0313	35.61	0.0658	0.11
Cd2288	228.802 {4	Y_2243	ppm	0.0126	0.0096	75.75	0.0059	0.0194
Co2286	228.616 {4	In2306	ppm	0.0177	0.0102	57.54	0.0105	0.0249
Cr2677	267.716 {1	Y_3600	ppm	0.009	0	0.4122	0.009	0.009
Cu3247	324.754 {1	Y_3600	ppm	0.0119	0.0005	4.197	0.0115	0.0122
Fe2404	240.488 {1	In2306	ppm	0.0948	0.0077	8.122	0.0893	0.1002
K_7664	766.490 { 4	Y_3710	ppm	0.7355	0.031	4.22	0.7135	0.7574
K_7698	769.896 { 4	Y_3710	ppm	0.6246	0.0484	7.756	0.5903	0.6588
Li6707	670.784 { 5	Y_3710	ppm	0.0125	0.0003	2.036	0.0124	0.0127
Mg2790	279.079 {1	Y_3710	ppm	0.0595	0.0446	75.05	0.0911	0.0279
Mn2576	257.610 {1	Y_3600	ppm	0.0091	0.0002	2.345	0.009	0.0093
Mn2576-2	257.610 {1	Y_3710	ppm	0.0112	0.0012	10.8	0.0104	0.0121
Mo2020	202.030 {4	Y_2243	ppm	0.0238	0.0138	58.03	0.014	0.0335
Na5895	589.592 { 5	Y_3710	ppm	0.9392	0.0314	3.34	0.917	0.9614
Na8183	818.326 { 4	Y_3710	ppm	0.4936	0.0627	12.7	0.5379	0.4493
Ni2316	231.604 {4	In2306	ppm	0.019	0.0111	58.57	0.0111	0.0268
P_1782	178.284 {4	In2306	ppm	0.0095	0.0011	11.28	0.0087	0.0102
Pb2203	220.353 {4	In2306	ppm	0.0177	0.0098	55.55	0.0108	0.0247
S_1820	182.034 {4	Y_2243	ppm	-19.09	23.72	124.3	-2.318	-35.86
Sb2068	206.833 {4	Y_2243	ppm	0.0272	0.0126	46.49	0.0182	0.0361
Se1960	196.090 {4	Y_2243	ppm	0.0201	0.0101	50.25	0.013	0.0272
Si2516	251.611 {1	Y_3710	ppm	-0.0002	0.0198	12470	0.0138	-0.0141
Sn1899	189.989 {4	In2306	ppm	0.0177	0.0107	60.58	0.0101	0.0253
Sr4215	421.552 { 8	Y_3710	ppm	0.0055	0.0003	5.851	0.0053	0.0058
Ti3349	334.904 {1	Y_3600	ppm	0.0086	0.0003	4.026	0.0084	0.0089
Tl1908	190.856 {4	In2306	ppm	0.0235	0.0133	56.74	0.0141	0.0329
V_2924	292.402 {1	Y_3600	ppm	0.0081	0.0001	1.418	0.0082	0.008
Zn2062	206.200 {4	In2306	ppm	0.0156	0.0098	62.74	0.0087	0.0225

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.964	2.0395	4.1652	50.406	47.522
In2306	230.606 {4	Cts/S	9222.8	12.042	0.13057	9214.3	9231.3
Y_2243	224.306 {4	Cts/S	12402	112.72	0.90883	12323	12482
Y_3600	360.073 { 9	Cts/S	49594	1449.3	2.9224	50619	48569
Y_3710	371.030 { 9	Cts/S	7700.8	266.07	3.455	7889	7512.7

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Custom ID1=
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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	s -.0004	0.0002	42.88	s -.0005	-0.0003
Al3082	308.215 {1	In2306	ppm	k .0149	0.0076	51.14	k .0203	0.0095
As1890	189.042 {4	Y_2243	ppm	k -.0009	0.0001	13.17	k -.0010	-0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0087	0.0095	109	0.002	0.0154
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0	25.44	-0.0002	-0.0001
Be3130	313.042 {1	Y_3710	ppm	k .0001	0.0002	183.3	k .0003	0
Ca3158	315.887 {1	In2306	ppm	-0.0112	0.0053	47.38	-0.0074	-0.0149
Ca3181	318.128 {1	In2306	ppm	k .0249	0.0803	321.8	k -.0318	0.0817
Cd2288	228.802 {4	Y_2243	ppm	k .0000	0.0001	410	k -.0001	0.0001
Co2286	228.616 {4	In2306	ppm	k .0002	0.0001	62.58	k .0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	s -.0002	0.0002	106.4	s -.0001	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	s -.0046	0.0111	242.1	s -.0124	0.0033
Fe2404	240.488 {1	In2306	ppm	0.0073	0.0053	72.9	0.0111	0.0035
K_7664	766.490 { 4	Y_3710	ppm	0.0177	0.0075	42.44	0.0124	0.023
K_7698	769.896 { 4	Y_3710	ppm	-0.1014	0.0126	12.47	-0.1103	-0.0925
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0004	437.6	0.0002	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0049	0.0027	55.27	0.0068	0.003
Mn2576	257.610 {1	Y_3600	ppm	s -.0003	0.0001	48.54	s -.0004	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0008	0.0007	95.58	0.0013	0.0002
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0	2.116	0.0006	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.1025	0.003	2.879	0.1046	0.1004
Na8183	818.326 { 4	Y_3710	ppm	-0.1811	0.116	64.05	-0.2631	-0.0991
Ni2316	231.604 {4	In2306	ppm	k .0006	0.0003	47.84	k .0004	0.0007
P_1782	178.284 {4	In2306	ppm	0.0006	0.0007	117.4	0.0011	0.0001
Pb2203	220.353 {4	In2306	ppm	k .0006	0.0005	86.37	k .0002	0.001
S_1820	182.034 {4	Y_2243	ppm	-1.185	0.2049	17.29	-1.04	-1.33
Sb2068	206.833 {4	Y_2243	ppm	k .0005	0.0001	11.72	k .0005	0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0002	23.57	0.0008	0.0011
Si2516	251.611 {1	Y_3710	ppm	-0.0228	0.0164	72.18	-0.0344	-0.0111
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0001	24.62	-0.0003	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0002	185.4	0	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	s .0001	0.0001	136.4	s .0002	0
Tl1908	190.856 {4	In2306	ppm	k .0031	0.0003	9.971	k .0029	0.0033
V_2924	292.402 {1	Y_3600	ppm	s .0045	0.0067	147.4	s .0093	-0.0002
Zn2062	206.200 {4	In2306	ppm	k -.0010	0.0001	14.89	k -.0011	-0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.31	0.97279	1.9336	50.998	49.622
In2306	230.606 {4	Cts/S	9259.8	16.641	0.17972	9248	9271.6
Y_2243	224.306 {4	Cts/S	12365	49.49	0.40026	12330	12400
Y_3600	360.073 { 9	Cts/S	^ *****	-----	-----	^-----	50058
Y_3710	371.030 { 9	Cts/S	7916.1	21.526	0.27192	7931.3	7900.9

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 16:00:46
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4954	0.0473	9.55	0.4619	0.5288
Al3082	308.215 {1	In2306	ppm	12.03	0.0464	0.3854	12.06	12
As1890	189.042 {4	Y_2243	ppm	1.208	0.0113	0.939	1.2	1.216
B_2496	249.678 {1	Y_3710	ppm	1.161	0.0223	1.92	1.145	1.177
Ba4554	455.403 { 7	Y_3710	ppm	1.156	0.0037	0.3207	1.153	1.158
Be3130	313.042 {1	Y_3710	ppm	0.4735	0.0007	0.1483	0.474	0.473
Ca3158	315.887 {1	In2306	ppm	92	1.201	1.306	92.85	91.15
Ca3181	318.128 {1	In2306	ppm	87.85	0.9368	1.066	88.51	87.18
Cd2288	228.802 {4	Y_2243	ppm	0.5544	0.007	1.255	0.5494	0.5593
Co2286	228.616 {4	In2306	ppm	1.025	0.0107	1.044	1.018	1.033
Cr2677	267.716 {1	Y_3600	ppm	0.828	0.0848	10.25	0.768	0.888
Cu3247	324.754 {1	Y_3600	ppm	1.004	0.0965	9.613	0.9354	1.072
Fe2404	240.488 {1	In2306	ppm	10.56	0.185	1.753	10.69	10.43
K_7664	766.490 { 4	Y_3710	ppm	26.95	0.3024	1.122	26.74	27.17
K_7698	769.896 { 4	Y_3710	ppm	28.63	0.2011	0.7026	28.49	28.77
Li6707	670.784 { 5	Y_3710	ppm	0.6286	0.0084	1.331	0.6227	0.6345
Mg2790	279.079 {1	Y_3710	ppm	17.42	0.063	0.3615	17.46	17.37
Mn2576	257.610 {1	Y_3600	ppm	1.212	0.12	9.902	1.127	1.297
Mn2576-2	257.610 {1	Y_3710	ppm	1.404	0.0002	0.0138	1.404	1.404
Mo2020	202.030 {4	Y_2243	ppm	1.112	0.0106	0.9522	1.104	1.119
Na5895	589.592 { 5	Y_3710	ppm	924.3	3.825	0.4138	927	921.6
Na8183	818.326 { 4	Y_3710	ppm	1278	7.12	0.5571	1273	1283
Ni2316	231.604 {4	In2306	ppm	1.097	0.0092	0.8394	1.09	1.103
P_1782	178.284 {4	In2306	ppm	0.8511	0.0167	1.965	0.8393	0.8629
Pb2203	220.353 {4	In2306	ppm	1.026	0.0122	1.19	1.017	1.035
S_1820	182.034 {4	Y_2243	ppm	-18530	228.9	1.236	-18360	-18690
Sb2068	206.833 {4	Y_2243	ppm	1.143	0.0122	1.063	1.135	1.152
Se1960	196.090 {4	Y_2243	ppm	1.345	0.0132	0.9813	1.336	1.355
Si2516	251.611 {1	Y_3710	ppm	6.76	0.0439	0.6488	6.729	6.791
Sn1899	189.989 {4	In2306	ppm	0.9716	0.01	1.028	0.9645	0.9787
Sr4215	421.552 { 8	Y_3710	ppm	1.166	0.0051	0.44	1.163	1.17
Ti3349	334.904 {1	Y_3600	ppm	0.785	0.0799	10.18	0.7285	0.8416
Tl1908	190.856 {4	In2306	ppm	0.8795	0.0035	0.395	0.8819	0.877
V_2924	292.402 {1	Y_3600	ppm	0.7805	0.0756	9.685	0.7271	0.834
Zn2062	206.200 {4	In2306	ppm	1.079	0.0107	0.9934	1.071	1.087

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	46.005	0.25913	0.56327	45.821	46.188
In2306	230.606 {4	Cts/S	6566.7	111.09	1.6917	6645.3	6488.2
Y_2243	224.306 {4	Cts/S	10454	184.51	1.765	10584	10323
Y_3600	360.073 { 9	Cts/S	52897	4002.8	7.5671	55728	50067
Y_3710	371.030 { 9	Cts/S	7366.8	6.7245	0.09128	7362	7371.5

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2231	0.0018	0.8211	0.2218	0.2244
Al3082	308.215 {1	In2306	ppm	2.528	0.0356	1.409	2.502	2.553
As1890	189.042 {4	Y_2243	ppm	0.5387	0.0007	0.1268	0.5382	0.5391
B_2496	249.678 {1	Y_3710	ppm	0.4752	0.0139	2.926	0.4654	0.4851
Ba4554	455.403 { 7	Y_3710	ppm	0.4906	0.0124	2.525	0.4818	0.4994
Be3130	313.042 {1	Y_3710	ppm	0.478	0.0108	2.26	0.4703	0.4856
Ca3158	315.887 {1	In2306	ppm	11.63	0.0291	0.25	11.61	11.66
Ca3181	318.128 {1	In2306	ppm	11.06	0.1084	0.9797	10.99	11.14
Cd2288	228.802 {4	Y_2243	ppm	0.5098	0.0004	0.0803	0.5095	0.5101
Co2286	228.616 {4	In2306	ppm	0.4837	0.0007	0.1399	0.4832	0.4842
Cr2677	267.716 {1	Y_3600	ppm	0.4341	0.0044	1.005	0.4311	0.4372
Cu3247	324.754 {1	Y_3600	ppm	0.439	0.0034	0.7689	0.4366	0.4414
Fe2404	240.488 {1	In2306	ppm	2.307	0.0252	1.093	2.289	2.324
K_7664	766.490 { 4	Y_3710	ppm	14.03	0.1814	1.294	13.9	14.15
K_7698	769.896 { 4	Y_3710	ppm	14.38	0.2569	1.787	14.2	14.56
Li6707	670.784 { 5	Y_3710	ppm	0.6086	0.0099	1.629	0.6016	0.6156
Mg2790	279.079 {1	Y_3710	ppm	4.498	0.1391	3.091	4.4	4.597
Mn2576	257.610 {1	Y_3600	ppm	0.4366	0.0032	0.7259	0.4343	0.4388
Mn2576-2	257.610 {1	Y_3710	ppm	0.474	0.0075	1.587	0.4687	0.4793
Mo2020	202.030 {4	Y_2243	ppm	0.5732	0.0013	0.2192	0.5723	0.574
Na5895	589.592 { 5	Y_3710	ppm	14.52	0.2364	1.629	14.35	14.68
Na8183	818.326 { 4	Y_3710	ppm	12.92	0.201	1.556	12.78	13.06
Ni2316	231.604 {4	In2306	ppm	0.5171	0.0007	0.1417	0.5165	0.5176
P_1782	178.284 {4	In2306	ppm	0.0001	0.0005	698.8	-0.0003	0.0004
Pb2203	220.353 {4	In2306	ppm	0.5044	0.0001	0.015	0.5043	0.5044
S_1820	182.034 {4	Y_2243	ppm	-30.61	6.9	22.54	-25.73	-35.49
Sb2068	206.833 {4	Y_2243	ppm	0.5514	0	0.0067	0.5514	0.5515
Se1960	196.090 {4	Y_2243	ppm	0.5681	0.0016	0.2745	0.567	0.5692
Si2516	251.611 {1	Y_3710	ppm	0.8094	0.0239	2.95	0.7925	0.8263
Sn1899	189.989 {4	In2306	ppm	0.4675	0.0013	0.281	0.4666	0.4684
Sr4215	421.552 { 8	Y_3710	ppm	0.2653	0.006	2.252	0.2611	0.2695
Ti3349	334.904 {1	Y_3600	ppm	0.4069	0.003	0.7421	0.4047	0.409
Tl1908	190.856 {4	In2306	ppm	0.4744	0.0058	1.219	0.4785	0.4703
V_2924	292.402 {1	Y_3600	ppm	0.3919	0.0033	0.8521	0.3895	0.3943
Zn2062	206.200 {4	In2306	ppm	0.4745	0.0009	0.1934	0.4739	0.4752

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.074	0.15459	0.29687	52.183	51.964
In2306	230.606 {4	Cts/S	8780.6	8.0413	0.09158	8774.9	8786.2
Y_2243	224.306 {4	Cts/S	12330	8.6698	0.07031	12324	12336
Y_3600	360.073 { 9	Cts/S	51548	199.73	0.38747	51689	51407
Y_3710	371.030 { 9	Cts/S	7866.7	141.03	1.7927	7966.5	7767

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0001	2.93	0.0048	0.0046
Al3082	308.215 {1	In2306	ppm	0.1084	0.0787	72.56	0.0528	0.1641
As1890	189.042 {4	Y_2243	ppm	0.0106	0.0017	15.8	0.0094	0.0117
B_2496	249.678 {1	Y_3710	ppm	0.0072	0.017	235.9	-0.0048	0.0192
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0001	1.024	0.0101	0.01
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0002	3.607	0.0047	0.005
Ca3158	315.887 {1	In2306	ppm	0.0727	0.0072	9.885	0.0676	0.0778
Ca3181	318.128 {1	In2306	ppm	0.1768	0.0965	54.58	0.1086	0.2451
Cd2288	228.802 {4	Y_2243	ppm	0.0061	0.0012	19.73	0.0053	0.007
Co2286	228.616 {4	In2306	ppm	0.0106	0.0013	11.83	0.0097	0.0115
Cr2677	267.716 {1	Y_3600	ppm	0.009	0.0006	7.119	0.0085	0.0094
Cu3247	324.754 {1	Y_3600	ppm	0.012	0.0008	6.824	0.0115	0.0126
Fe2404	240.488 {1	In2306	ppm	0.0962	0.0278	28.95	0.0765	0.1158
K_7664	766.490 { 4	Y_3710	ppm	0.6854	0.0248	3.624	0.6678	0.703
K_7698	769.896 { 4	Y_3710	ppm	0.5765	0.026	4.518	0.5949	0.5581
Li6707	670.784 { 5	Y_3710	ppm	0.0112	0.0004	3.869	0.0109	0.0115
Mg2790	279.079 {1	Y_3710	ppm	0.0818	0.01	12.23	0.0747	0.0889
Mn2576	257.610 {1	Y_3600	ppm	0.0094	0.0007	7.525	0.0089	0.0099
Mn2576-2	257.610 {1	Y_3710	ppm	0.011	0.0001	0.934	0.011	0.0111
Mo2020	202.030 {4	Y_2243	ppm	0.0142	0.0023	16.6	0.0125	0.0158
Na5895	589.592 { 5	Y_3710	ppm	0.8039	0.0006	0.0783	0.8034	0.8043
Na8183	818.326 { 4	Y_3710	ppm	0.444	0.0747	16.82	0.4968	0.3912
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0011	9.449	0.0105	0.012
P_1782	178.284 {4	In2306	ppm	0.0098	0.001	9.997	0.0105	0.0091
Pb2203	220.353 {4	In2306	ppm	0.0114	0.0009	7.67	0.0108	0.012
S_1820	182.034 {4	Y_2243	ppm	-0.7837	0.1231	15.71	-0.6967	-0.8708
Sb2068	206.833 {4	Y_2243	ppm	0.0196	0.0021	10.52	0.0182	0.0211
Se1960	196.090 {4	Y_2243	ppm	0.0139	0.0018	13.3	0.0126	0.0152
Si2516	251.611 {1	Y_3710	ppm	-0.0215	0.0101	47.09	-0.0144	-0.0287
Sn1899	189.989 {4	In2306	ppm	0.0103	0.0018	17	0.0091	0.0116
Sr4215	421.552 { 8	Y_3710	ppm	0.0053	0	0.2706	0.0053	0.0052
Ti3349	334.904 {1	Y_3600	ppm	0.0089	0.0006	7.249	0.0085	0.0094
Tl1908	190.856 {4	In2306	ppm	0.015	0.0035	23.29	0.0126	0.0175
V_2924	292.402 {1	Y_3600	ppm	0.0088	0.0001	0.7382	0.0087	0.0088
Zn2062	206.200 {4	In2306	ppm	0.0091	0.0011	12.53	0.0083	0.0099

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.005	1.8046	3.5382	52.281	49.729
In2306	230.606 {4	Cts/S	9308.8	15.216	0.16346	9298	9319.6
Y_2243	224.306 {4	Cts/S	12575	31.654	0.25172	12553	12598
Y_3600	360.073 { 9	Cts/S	48462	2402.6	4.9576	50161	46763
Y_3710	371.030 { 9	Cts/S	7973.8	8.4001	0.10535	7979.8	7967.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	414.9	0	0.0001
Al3082	308.215 {1	In2306	ppm	0.0241	0.0379	157.2	-0.0027	0.0509
As1890	189.042 {4	Y_2243	ppm	-0.0016	0.0003	16.41	-0.0017	-0.0014
B_2496	249.678 {1	Y_3710	ppm	-0.0032	0.0015	46.06	-0.0043	-0.0022
Ba4554	455.403 { 7	Y_3710	ppm	-0.0002	0.0001	33.68	-0.0002	-0.0003
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	44.73	0.0003	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.025	0.013	51.96	-0.0342	-0.0158
Ca3181	318.128 {1	In2306	ppm	0.0493	0.1348	273.6	0.1446	-0.0461
Cd2288	228.802 {4	Y_2243	ppm	0	0	131.3	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	14.15	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0001	24.24	-0.0005	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0025	0.0013	52.57	0.0034	0.0016
Fe2404	240.488 {1	In2306	ppm	-0.0343	0.0095	27.81	-0.0276	-0.041
K_7664	766.490 { 4	Y_3710	ppm	-0.001	0.0044	424.1	-0.0041	0.0021
K_7698	769.896 { 4	Y_3710	ppm	-0.1482	0.0242	16.32	-0.1311	-0.1653
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0002	166.2	0.0003	0
Mg2790	279.079 {1	Y_3710	ppm	-0.0053	0.0651	1239	0.0408	-0.0513
Mn2576	257.610 {1	Y_3600	ppm	-0.0002	0.0001	33.14	-0.0002	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0003	0.0014	454.5	-0.0007	0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	8.382	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0693	0.0054	7.846	0.0732	0.0655
Na8183	818.326 { 4	Y_3710	ppm	-0.1882	0.1196	63.52	-0.2728	-0.1037
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0001	88.86	0.0001	0.0003
P_1782	178.284 {4	In2306	ppm	0.0011	0.0002	18.47	0.0009	0.0012
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0002	42.2	0.0004	0.0008
S_1820	182.034 {4	Y_2243	ppm	-0.4681	0.0404	8.625	-0.4967	-0.4396
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.001	325	0.001	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0001	0	10.14	0.0001	0.0001
Si2516	251.611 {1	Y_3710	ppm	-0.033	0.0076	23.07	-0.0384	-0.0276
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0001	24.49	-0.0004	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	25.44	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0003	103.8	0.0001	0.0005
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0007	37.22	0.0024	0.0014
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0008	598	-0.0007	0.0004
Zn2062	206.200 {4	In2306	ppm	-0.001	0.0001	6.104	-0.0011	-0.001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.173	1.896	3.5658	51.832	54.514
In2306	230.606 {4	Cts/S	9502.7	216.12	2.2744	9655.5	9349.8
Y_2243	224.306 {4	Cts/S	12749	298.32	2.3399	12960	12539
Y_3600	360.073 { 9	Cts/S	48171	2306.8	4.7889	46540	49802
Y_3710	371.030 { 9	Cts/S	8218.1	373.74	4.5477	7953.8	8482.3

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	33.33	-0.0003	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0047	0.0491	1035	-0.03	0.0395
As1890	189.042 {4	Y_2243	ppm	0.0017	0.0004	23.3	0.0019	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0731	0.0022	3.054	0.0716	0.0747
Ba4554	455.403 { 7	Y_3710	ppm	0.0769	0.0003	0.4162	0.0772	0.0767
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	40.25	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	116	3.99	3.439	113.2	118.8
Ca3181	318.128 {1	In2306	ppm	111	4.105	3.696	108.1	113.9
Cd2288	228.802 {4	Y_2243	ppm	0	0	151	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	16.13	0.0004	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0001	12.83	0.0004	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0044	0	0.5002	0.0044	0.0045
Fe2404	240.488 {1	In2306	ppm	0.0087	0.037	426.1	0.0348	-0.0175
K_7664	766.490 { 4	Y_3710	ppm	3.714	0.1497	4.029	3.82	3.609
K_7698	769.896 { 4	Y_3710	ppm	3.689	0.118	3.2	3.773	3.606
Li6707	670.784 { 5	Y_3710	ppm	0.0094	0.0003	2.861	0.0096	0.0092
Mg2790	279.079 {1	Y_3710	ppm	3.728	0.0114	0.3047	3.736	3.72
Mn2576	257.610 {1	Y_3600	ppm	0.0068	0	0.6474	0.0069	0.0068
Mn2576-2	257.610 {1	Y_3710	ppm	0.0084	0.0004	4.659	0.0081	0.0087
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0003	12.49	0.002	0.0024
Na5895	589.592 { 5	Y_3710	ppm	44.41	1.697	3.822	45.61	43.21
Na8183	818.326 { 4	Y_3710	ppm	39.54	0.7097	1.795	40.04	39.04
Ni2316	231.604 {4	In2306	ppm	0.002	0.0004	18.81	0.0022	0.0017
P_1782	178.284 {4	In2306	ppm	0.0202	0.0008	4.166	0.0208	0.0196
Pb2203	220.353 {4	In2306	ppm	-0.0005	0.0007	124.3	-0.0001	-0.001
S_1820	182.034 {4	Y_2243	ppm	-1056	26.99	2.556	-1075	-1037
Sb2068	206.833 {4	Y_2243	ppm	-0.0015	0.0013	86.99	-0.0024	-0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0008	35.96	0.0016	0.0026
Si2516	251.611 {1	Y_3710	ppm	1.048	0.0424	4.05	1.078	1.018
Sn1899	189.989 {4	In2306	ppm	0	0	83.42	-0.0001	0
Sr4215	421.552 { 8	Y_3710	ppm	1.258	0.0145	1.154	1.269	1.248
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0006	127.4	0	0.0009
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0006	52.24	0.0016	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0006	48.39	0.0017	0.0008
Zn2062	206.200 {4	In2306	ppm	0.0015	0	0.3403	0.0015	0.0015

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.99	0.74208	1.5148	49.515	48.465
In2306	230.606 {4	Cts/S	8156.6	25.438	0.31187	8138.6	8174.6
Y_2243	224.306 {4	Cts/S	11523	23.341	0.20256	11506	11539
Y_3600	360.073 { 9	Cts/S	51987	102.47	0.19711	52059	51914
Y_3710	371.030 { 9	Cts/S	7707.2	88.278	1.1454	7644.8	7769.6

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Custom ID3=
Run Time=1/26/2012 16:16:49
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	309.1	0	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0081	0.0362	448.7	-0.0175	0.0337
As1890	189.042 {4	Y_2243	ppm	0.0002	0.0002	109.9	0.0003	0
B_2496	249.678 {1	Y_3710	ppm	0.0754	0.0065	8.619	0.08	0.0708
Ba4554	455.403 { 7	Y_3710	ppm	0.0762	0.0003	0.4096	0.076	0.0764
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0002	152.9	0.0002	0
Ca3158	315.887 {1	In2306	ppm	115.1	2.168	1.884	113.6	116.6
Ca3181	318.128 {1	In2306	ppm	110.1	2.054	1.865	108.7	111.6
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	98.89	0.0001	0
Co2286	228.616 {4	In2306	ppm	0	0.0002	406.9	-0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0003	33.11	0.0006	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0057	0.0002	3.805	0.0059	0.0055
Fe2404	240.488 {1	In2306	ppm	0.0083	0.0166	200.9	-0.0035	0.02
K_7664	766.490 { 4	Y_3710	ppm	3.741	0.0633	1.692	3.696	3.786
K_7698	769.896 { 4	Y_3710	ppm	3.704	0.0593	1.6	3.662	3.746
Li6707	670.784 { 5	Y_3710	ppm	0.0086	0.0002	2.062	0.0087	0.0085
Mg2790	279.079 {1	Y_3710	ppm	3.735	0.0159	0.4255	3.724	3.746
Mn2576	257.610 {1	Y_3600	ppm	0.0066	0.0001	1.654	0.0067	0.0065
Mn2576-2	257.610 {1	Y_3710	ppm	0.0075	0.0005	6.699	0.0072	0.0079
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0003	14.47	0.0022	0.0018
Na5895	589.592 { 5	Y_3710	ppm	44.42	0.8781	1.977	43.8	45.04
Na8183	818.326 { 4	Y_3710	ppm	39.43	0.333	0.8445	39.2	39.67
Ni2316	231.604 {4	In2306	ppm	0.0019	0.0003	14.95	0.0017	0.0021
P_1782	178.284 {4	In2306	ppm	0.0448	0.0012	2.675	0.0456	0.044
Pb2203	220.353 {4	In2306	ppm	-0.001	0.0003	28.06	-0.0008	-0.0012
S_1820	182.034 {4	Y_2243	ppm	-1101	26.28	2.387	-1120	-1082
Sb2068	206.833 {4	Y_2243	ppm	-0.0032	0.0011	34.09	-0.0039	-0.0024
Se1960	196.090 {4	Y_2243	ppm	0.0047	0.0002	4.107	0.0046	0.0049
Si2516	251.611 {1	Y_3710	ppm	1.101	0.0363	3.298	1.076	1.127
Sn1899	189.989 {4	In2306	ppm	0	0	2634	0	0
Sr4215	421.552 { 8	Y_3710	ppm	1.244	0.004	0.3236	1.241	1.246
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0002	79.13	0.0005	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0009	68.19	0.002	0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0002	11.99	0.0013	0.0016
Zn2062	206.200 {4	In2306	ppm	0.0018	0.0002	11.12	0.0019	0.0016

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.467	1.3413	2.7116	50.415	48.518
In2306	230.606 {4	Cts/S	7996.5	158.57	1.983	7884.3	8108.6
Y_2243	224.306 {4	Cts/S	11314	234.3	2.0708	11149	11480
Y_3600	360.073 { 9	Cts/S	51328	44.978	0.08763	51359	51296
Y_3710	371.030 { 9	Cts/S	7714.1	47.273	0.61282	7747.5	7680.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0002	96.39	-0.0003	-0.0001
Al3082	308.215 {1	In2306	ppm	0.009	0.0162	179.2	0.0205	-0.0024
As1890	189.042 {4	Y_2243	ppm	-0.0009	0.0003	28.4	-0.0007	-0.0011
B_2496	249.678 {1	Y_3710	ppm	0.0789	0.0005	0.6749	0.0793	0.0785
Ba4554	455.403 { 7	Y_3710	ppm	0.0781	0.0005	0.6675	0.0785	0.0778
Be3130	313.042 {1	Y_3710	ppm	0	0	106.7	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	118.6	4.091	3.449	115.7	121.5
Ca3181	318.128 {1	In2306	ppm	113.4	4.045	3.566	110.6	116.3
Cd2288	228.802 {4	Y_2243	ppm	0	0	45.32	-0.0001	0
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	116.4	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0002	26.77	0.0005	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0031	0.0001	2.275	0.003	0.0031
Fe2404	240.488 {1	In2306	ppm	0.0075	0.0257	343.5	-0.0107	0.0257
K_7664	766.490 { 4	Y_3710	ppm	3.655	0.0189	0.5177	3.668	3.642
K_7698	769.896 { 4	Y_3710	ppm	3.672	0.0035	0.0958	3.674	3.669
Li6707	670.784 { 5	Y_3710	ppm	0.009	0.0001	1.315	0.0091	0.009
Mg2790	279.079 {1	Y_3710	ppm	3.908	0.013	0.3331	3.899	3.917
Mn2576	257.610 {1	Y_3600	ppm	0.0072	0	0.4589	0.0072	0.0071
Mn2576-2	257.610 {1	Y_3710	ppm	0.01	0.0028	28	0.008	0.012
Mo2020	202.030 {4	Y_2243	ppm	0.0019	0	0.9655	0.002	0.0019
Na5895	589.592 { 5	Y_3710	ppm	44.24	0.2555	0.5775	44.42	44.06
Na8183	818.326 { 4	Y_3710	ppm	39.78	0.1945	0.489	39.92	39.64
Ni2316	231.604 {4	In2306	ppm	0.0014	0.0002	15.07	0.0015	0.0012
P_1782	178.284 {4	In2306	ppm	0.022	0.0002	1.114	0.0222	0.0218
Pb2203	220.353 {4	In2306	ppm	0.0004	0.0002	58.4	0.0002	0.0005
S_1820	182.034 {4	Y_2243	ppm	-1089	2.362	0.217	-1090	-1087
Sb2068	206.833 {4	Y_2243	ppm	-0.0016	0.0005	34.5	-0.002	-0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0004	11.72	0.0039	0.0033
Si2516	251.611 {1	Y_3710	ppm	1.096	0.0074	0.6716	1.102	1.091
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0004	135.2	0	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	1.269	0.0023	0.1825	1.27	1.267
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0004	67.38	0.0003	0.001
Tl1908	190.856 {4	In2306	ppm	0.0025	0.0003	12.66	0.0027	0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0004	26.45	0.0013	0.0018
Zn2062	206.200 {4	In2306	ppm	0.0011	0	1.81	0.0011	0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.354	1.6807	3.4054	50.542	48.165
In2306	230.606 {4	Cts/S	8118.5	43.633	0.53745	8087.6	8149.3
Y_2243	224.306 {4	Cts/S	11518	62.205	0.54009	11474	11562
Y_3600	360.073 { 9	Cts/S	51564	50.429	0.0978	51600	51529
Y_3710	371.030 { 9	Cts/S	7679.8	25.179	0.32785	7662	7697.7

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0	17.78	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	0.0474	0.0318	67.12	0.0699	0.0249
As1890	189.042 {4	Y_2243	ppm	0.0013	0.001	73.76	0.0006	0.002
B_2496	249.678 {1	Y_3710	ppm	0.0799	0.0001	0.1708	0.0798	0.08
Ba4554	455.403 { 7	Y_3710	ppm	0.0793	0.0015	1.876	0.0803	0.0782
Be3130	313.042 {1	Y_3710	ppm	0.0003	0	6.947	0.0003	0.0003
Ca3158	315.887 {1	In2306	ppm	121.4	4.132	3.404	118.5	124.3
Ca3181	318.128 {1	In2306	ppm	116.1	4.155	3.579	113.2	119
Cd2288	228.802 {4	Y_2243	ppm	0	0	267.9	0	0
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	106.1	0.0003	0
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0.0004	81.52	0.0007	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0044	0	0.5234	0.0045	0.0044
Fe2404	240.488 {1	In2306	ppm	0.0202	0.016	79.01	0.0315	0.0089
K_7664	766.490 { 4	Y_3710	ppm	3.816	0.1032	2.704	3.889	3.743
K_7698	769.896 { 4	Y_3710	ppm	3.823	0.1078	2.82	3.9	3.747
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0.0006	5.907	0.01	0.0092
Mg2790	279.079 {1	Y_3710	ppm	3.769	0.0358	0.9488	3.794	3.744
Mn2576	257.610 {1	Y_3600	ppm	0.0079	0	0.3186	0.0078	0.0079
Mn2576-2	257.610 {1	Y_3710	ppm	0.0102	0.0008	7.533	0.0096	0.0107
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0001	6.167	0.0019	0.0021
Na5895	589.592 { 5	Y_3710	ppm	46.09	1.29	2.8	47.01	45.18
Na8183	818.326 { 4	Y_3710	ppm	41.02	0.8173	1.992	41.6	40.44
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0001	7.611	0.0015	0.0016
P_1782	178.284 {4	In2306	ppm	0.0368	0.0004	0.9559	0.0365	0.037
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0008	294.9	-0.0003	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1080	11.86	1.097	-1089	-1072
Sb2068	206.833 {4	Y_2243	ppm	-0.0043	0.0009	20.15	-0.005	-0.0037
Se1960	196.090 {4	Y_2243	ppm	0.0037	0.0001	2.829	0.0038	0.0036
Si2516	251.611 {1	Y_3710	ppm	1.16	0.0288	2.479	1.14	1.18
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0001	104.7	0	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	1.29	0.0214	1.659	1.305	1.275
Ti3349	334.904 {1	Y_3600	ppm	0.0007	0.0005	68	0.0004	0.001
Tl1908	190.856 {4	In2306	ppm	0.0015	0	2.599	0.0015	0.0016
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0001	4.044	0.0015	0.0016
Zn2062	206.200 {4	In2306	ppm	0.0013	0	2.446	0.0013	0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.955	1.6027	3.342	49.088	46.822
In2306	230.606 {4	Cts/S	8163.7	52.981	0.64898	8126.2	8201.2
Y_2243	224.306 {4	Cts/S	11577	91.677	0.79187	11513	11642
Y_3600	360.073 { 9	Cts/S	51270	50.861	0.0992	51234	51306
Y_3710	371.030 { 9	Cts/S	7638.2	83.164	1.0888	7579.4	7697

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0	9.313	-0.0002	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0377	0.0431	114.4	0.0682	0.0072
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0002	15.45	0.0017	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0746	0.0036	4.823	0.0771	0.072
Ba4554	455.403 { 7	Y_3710	ppm	0.0781	0	0.0628	0.078	0.0781
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	42.08	0.0002	0.0003
Ca3158	315.887 {1	In2306	ppm	121.3	3.268	2.695	118.9	123.6
Ca3181	318.128 {1	In2306	ppm	116.4	2.791	2.397	114.4	118.4
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	442.9	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0	13.46	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0	6.715	0.0006	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0031	0	1.405	0.0031	0.0032
Fe2404	240.488 {1	In2306	ppm	-0.0077	0.0105	135.4	-0.0152	-0.0003
K_7664	766.490 { 4	Y_3710	ppm	3.743	0.0487	1.301	3.709	3.777
K_7698	769.896 { 4	Y_3710	ppm	3.717	0.0742	1.997	3.664	3.769
Li6707	670.784 { 5	Y_3710	ppm	0.0092	0.0005	5	0.0089	0.0095
Mg2790	279.079 {1	Y_3710	ppm	3.798	0.0305	0.8033	3.776	3.819
Mn2576	257.610 {1	Y_3600	ppm	0.008	0	0.04	0.008	0.008
Mn2576-2	257.610 {1	Y_3710	ppm	0.0093	0.0004	4.269	0.009	0.0096
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0	1.226	0.0022	0.0022
Na5895	589.592 { 5	Y_3710	ppm	45.19	0.629	1.392	44.74	45.63
Na8183	818.326 { 4	Y_3710	ppm	40.34	0.2151	0.5332	40.19	40.49
Ni2316	231.604 {4	In2306	ppm	0.0022	0.0001	3.903	0.0022	0.0021
P_1782	178.284 {4	In2306	ppm	0.0205	0	0.0959	0.0205	0.0205
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0015	1554	-0.0012	0.001
S_1820	182.034 {4	Y_2243	ppm	-1087	2.467	0.227	-1089	-1085
Sb2068	206.833 {4	Y_2243	ppm	-0.0014	0.0025	178	-0.0031	0.0004
Se1960	196.090 {4	Y_2243	ppm	0.004	0.0024	60.87	0.0057	0.0023
Si2516	251.611 {1	Y_3710	ppm	1.121	0.0093	0.8288	1.115	1.128
Sn1899	189.989 {4	In2306	ppm	0.0009	0	0.4687	0.0009	0.0009
Sr4215	421.552 { 8	Y_3710	ppm	1.269	0.0032	0.2507	1.267	1.271
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0.0001	16.7	0.0009	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0011	0.0003	24.3	0.0009	0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0005	68.25	0.001	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0006	0.0001	13.24	0.0007	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.808	1.6351	3.4201	48.964	46.652
In2306	230.606 {4	Cts/S	8122.3	11.268	0.13873	8114.3	8130.2
Y_2243	224.306 {4	Cts/S	11567	6.1388	0.05307	11563	11571
Y_3600	360.073 { 9	Cts/S	50848	224.04	0.44061	51007	50690
Y_3710	371.030 { 9	Cts/S	7685.7	36.678	0.47722	7711.7	7659.8

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Custom ID3=
Run Time=1/26/2012 16:27:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0004	777.4	-0.0003	0.0004
Al3082	308.215 {1	In2306	ppm	0.0207	0.0119	57.39	0.0123	0.0291
As1890	189.042 {4	Y_2243	ppm	-0.0019	0.0009	45.11	-0.0013	-0.0025
B_2496	249.678 {1	Y_3710	ppm	0.0742	0.0018	2.391	0.073	0.0755
Ba4554	455.403 { 7	Y_3710	ppm	0.0769	0.0002	0.2122	0.077	0.0767
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	453.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	119.7	0.6732	0.5623	119.3	120.2
Ca3181	318.128 {1	In2306	ppm	115.4	0.6049	0.5243	114.9	115.8
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	274.2	0	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	31.31	0.0003	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0.0001	9.296	0.0011	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0027	0.0004	13.76	0.0029	0.0024
Fe2404	240.488 {1	In2306	ppm	0.0013	0.0035	276.2	0.0037	-0.0012
K_7664	766.490 { 4	Y_3710	ppm	3.668	0.0499	1.361	3.633	3.703
K_7698	769.896 { 4	Y_3710	ppm	3.66	0.0214	0.5844	3.645	3.676
Li6707	670.784 { 5	Y_3710	ppm	0.0094	0	0.5112	0.0093	0.0094
Mg2790	279.079 {1	Y_3710	ppm	3.83	0.0215	0.5603	3.845	3.815
Mn2576	257.610 {1	Y_3600	ppm	0.008	0.0001	1.099	0.0081	0.0079
Mn2576-2	257.610 {1	Y_3710	ppm	0.01	0	0.4392	0.01	0.01
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0001	6.297	0.0023	0.0021
Na5895	589.592 { 5	Y_3710	ppm	44.43	0.6118	1.377	44	44.86
Na8183	818.326 { 4	Y_3710	ppm	40.01	0.195	0.4873	39.87	40.15
Ni2316	231.604 {4	In2306	ppm	0.002	0	2.449	0.002	0.0019
P_1782	178.284 {4	In2306	ppm	0.0136	0.0005	3.567	0.0132	0.0139
Pb2203	220.353 {4	In2306	ppm	-0.0005	0.0001	11.8	-0.0005	-0.0006
S_1820	182.034 {4	Y_2243	ppm	-1079	2.732	0.2532	-1077	-1081
Sb2068	206.833 {4	Y_2243	ppm	-0.0023	0.0031	132.4	-0.0001	-0.0045
Se1960	196.090 {4	Y_2243	ppm	0.0035	0.0003	7.959	0.0033	0.0037
Si2516	251.611 {1	Y_3710	ppm	1.132	0.0047	0.4132	1.135	1.129
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0004	82.32	0.0002	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	1.251	0.0013	0.107	1.251	1.252
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0.0003	33.83	0.0006	0.001
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0013	100.5	0.0004	0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0012	0.0004	30.89	0.0015	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0009	0	5.187	0.0009	0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.778	0.58325	1.2207	48.191	47.366
In2306	230.606 {4	Cts/S	8134.9	25.476	0.31317	8152.9	8116.9
Y_2243	224.306 {4	Cts/S	11567	39.696	0.34319	11595	11538
Y_3600	360.073 { 9	Cts/S	50945	140.17	0.27515	50846	51044
Y_3710	371.030 { 9	Cts/S	7668.4	0.70863	0.00924	7667.9	7668.9

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	35.94	-0.0002	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0161	0.0118	73.25	0.0245	0.0078
As1890	189.042 {4	Y_2243	ppm	0.0013	0.0012	96.06	0.0004	0.0022
B_2496	249.678 {1	Y_3710	ppm	0.0782	0.0056	7.138	0.0821	0.0743
Ba4554	455.403 { 7	Y_3710	ppm	0.0778	0.0003	0.4412	0.078	0.0775
Be3130	313.042 {1	Y_3710	ppm	0	0	27.02	0.0001	0
Ca3158	315.887 {1	In2306	ppm	121.4	3.235	2.664	123.7	119.1
Ca3181	318.128 {1	In2306	ppm	116.1	3.337	2.874	118.5	113.8
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	89.64	0.0002	0
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	15.5	0.0004	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0003	117.6	0	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0001	3.257	0.0024	0.0025
Fe2404	240.488 {1	In2306	ppm	0.013	0.0085	65.87	0.019	0.0069
K_7664	766.490 { 4	Y_3710	ppm	3.661	0.0076	0.2064	3.666	3.655
K_7698	769.896 { 4	Y_3710	ppm	3.66	0.0484	1.323	3.626	3.694
Li6707	670.784 { 5	Y_3710	ppm	0.0092	0.0001	1.053	0.0092	0.0093
Mg2790	279.079 {1	Y_3710	ppm	3.84	0.016	0.4171	3.828	3.851
Mn2576	257.610 {1	Y_3600	ppm	0.0155	0	0.2513	0.0155	0.0154
Mn2576-2	257.610 {1	Y_3710	ppm	0.0182	0.003	16.61	0.016	0.0203
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0001	4.446	0.0022	0.0023
Na5895	589.592 { 5	Y_3710	ppm	44.5	0.0549	0.1233	44.54	44.46
Na8183	818.326 { 4	Y_3710	ppm	40.42	0.012	0.0298	40.41	40.42
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0002	14.61	0.0015	0.0018
P_1782	178.284 {4	In2306	ppm	0.0049	0.0012	24.45	0.0058	0.0041
Pb2203	220.353 {4	In2306	ppm	0.0015	0.0004	26.37	0.0018	0.0012
S_1820	182.034 {4	Y_2243	ppm	-1097	1.719	0.1566	-1099	-1096
Sb2068	206.833 {4	Y_2243	ppm	-0.0013	0	3.54	-0.0013	-0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0005	21.13	0.0021	0.0029
Si2516	251.611 {1	Y_3710	ppm	0.9573	0.0082	0.8618	0.9631	0.9514
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0004	163.8	-0.0005	0
Sr4215	421.552 { 8	Y_3710	ppm	1.262	0.0001	0.0058	1.262	1.262
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0001	12.53	0.0008	0.001
Tl1908	190.856 {4	In2306	ppm	0.0023	0.0004	18.9	0.0026	0.002
V_2924	292.402 {1	Y_3600	ppm	0.001	0.0005	45.35	0.0014	0.0007
Zn2062	206.200 {4	In2306	ppm	0.0008	0	2.055	0.0008	0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.435	1.3058	2.7528	46.512	48.358
In2306	230.606 {4	Cts/S	8131.2	29.912	0.36787	8110.1	8152.4
Y_2243	224.306 {4	Cts/S	11570	60.199	0.52029	11528	11613
Y_3600	360.073 { 9	Cts/S	51529	229.16	0.44473	51691	51367
Y_3710	371.030 { 9	Cts/S	7739.1	14.205	0.18355	7749.1	7729

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0005	0.0009	191.5	-0.0011	0.0002
Al3082	308.215 {1	In2306	ppm	0.4828	0.0531	11	0.4452	0.5203
As1890	189.042 {4	Y_2243	ppm	0.0023	0.0008	32.39	0.0018	0.0029
B_2496	249.678 {1	Y_3710	ppm	0.173	0.0011	0.6123	0.1723	0.1738
Ba4554	455.403 { 7	Y_3710	ppm	0.1555	0.0008	0.4849	0.155	0.1561
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	1196	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	81.12	1.192	1.469	80.28	81.97
Ca3181	318.128 {1	In2306	ppm	77.55	0.7991	1.03	76.99	78.12
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	22.44	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0.0003	75.2	0.0005	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0041	0.0001	2.51	0.0042	0.004
Cu3247	324.754 {1	Y_3600	ppm	0.006	0.0005	8.074	0.0057	0.0064
Fe2404	240.488 {1	In2306	ppm	0.4652	0.0088	1.883	0.459	0.4713
K_7664	766.490 { 4	Y_3710	ppm	15.5	0.1981	1.278	15.36	15.64
K_7698	769.896 { 4	Y_3710	ppm	16.33	0.1974	1.209	16.19	16.47
Li6707	670.784 { 5	Y_3710	ppm	0.0076	0.0002	2.994	0.0078	0.0075
Mg2790	279.079 {1	Y_3710	ppm	8.386	0.0308	0.3676	8.365	8.408
Mn2576	257.610 {1	Y_3600	ppm	0.3671	0.0026	0.7087	0.3653	0.369
Mn2576-2	257.610 {1	Y_3710	ppm	0.4259	0.0009	0.2177	0.4265	0.4252
Mo2020	202.030 {4	Y_2243	ppm	0.0081	0	0.0935	0.0081	0.0081
Na5895	589.592 { 5	Y_3710	ppm	908.3	9.191	1.012	914.8	901.8
Na8183	818.326 { 4	Y_3710	ppm	1277	11.99	0.9392	1268	1285
Ni2316	231.604 {4	In2306	ppm	0.0092	0	0.3566	0.0092	0.0092
P_1782	178.284 {4	In2306	ppm	0.8756	0.0064	0.729	0.8801	0.871
Pb2203	220.353 {4	In2306	ppm	-0.0009	0.0015	163.9	0.0001	-0.002
S_1820	182.034 {4	Y_2243	ppm	-18750	35.36	0.1885	-18730	-18780
Sb2068	206.833 {4	Y_2243	ppm	-0.0037	0.0022	59.82	-0.0021	-0.0052
Se1960	196.090 {4	Y_2243	ppm	0.0035	0.0008	22.22	0.004	0.0029
Si2516	251.611 {1	Y_3710	ppm	5.879	0.0437	0.7433	5.848	5.91
Sn1899	189.989 {4	In2306	ppm	0.0017	0.0007	39.11	0.0022	0.0012
Sr4215	421.552 { 8	Y_3710	ppm	0.6408	0.0044	0.6865	0.6377	0.6439
Ti3349	334.904 {1	Y_3600	ppm	0.005	0.0003	6.949	0.0052	0.0048
Tl1908	190.856 {4	In2306	ppm	-0.0014	0.0012	86.61	-0.0005	-0.0022
V_2924	292.402 {1	Y_3600	ppm	0.0039	0.0012	29.89	0.0047	0.0031
Zn2062	206.200 {4	In2306	ppm	0.0087	0	0.1954	0.0088	0.0087

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	46.638	0.55938	1.1994	47.033	46.242
In2306	230.606 {4	Cts/S	6620.7	13.658	0.20629	6630.4	6611.1
Y_2243	224.306 {4	Cts/S	10343	11.735	0.11346	10351	10334
Y_3600	360.073 { 9	Cts/S	53495	578.05	1.0806	53904	53086
Y_3710	371.030 { 9	Cts/S	7410.7	26.982	0.3641	7429.8	7391.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0005	314.7	-0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	0.5137	0.0675	13.14	0.466	0.5615
As1890	189.042 {4	Y_2243	ppm	0.0047	0.0005	11.71	0.005	0.0043
B_2496	249.678 {1	Y_3710	ppm	0.1644	0.0243	14.76	0.1473	0.1816
Ba4554	455.403 { 7	Y_3710	ppm	0.1522	0.0011	0.7301	0.1514	0.153
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	41.1	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	81.69	1.151	1.409	80.87	82.5
Ca3181	318.128 {1	In2306	ppm	77.94	1.376	1.766	76.96	78.91
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	5.886	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	26.27	0.0002	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0044	0.0003	7.74	0.0041	0.0046
Cu3247	324.754 {1	Y_3600	ppm	0.0054	0.0001	1.948	0.0053	0.0054
Fe2404	240.488 {1	In2306	ppm	0.4657	0.0113	2.432	0.4737	0.4577
K_7664	766.490 { 4	Y_3710	ppm	15.16	0.0518	0.3415	15.12	15.19
K_7698	769.896 { 4	Y_3710	ppm	15.91	0.0858	0.5394	15.85	15.97
Li6707	670.784 { 5	Y_3710	ppm	0.0069	0.0004	5.982	0.0066	0.0072
Mg2790	279.079 {1	Y_3710	ppm	8.501	0.1064	1.252	8.426	8.576
Mn2576	257.610 {1	Y_3600	ppm	0.3637	0.0001	0.0255	0.3636	0.3637
Mn2576-2	257.610 {1	Y_3710	ppm	0.4219	0.0022	0.5302	0.4203	0.4235
Mo2020	202.030 {4	Y_2243	ppm	0.0082	0	0.4742	0.0081	0.0082
Na5895	589.592 { 5	Y_3710	ppm	881.9	26.24	2.976	863.3	900.5
Na8183	818.326 { 4	Y_3710	ppm	1246	7.682	0.6167	1240	1251
Ni2316	231.604 {4	In2306	ppm	0.0089	0.0004	4.179	0.0091	0.0086
P_1782	178.284 {4	In2306	ppm	0.8793	0.017	1.932	0.8913	0.8672
Pb2203	220.353 {4	In2306	ppm	-0.0005	0.0002	33.51	-0.0006	-0.0004
S_1820	182.034 {4	Y_2243	ppm	-18810	317.5	1.688	-19040	-18590
Sb2068	206.833 {4	Y_2243	ppm	-0.0039	0.0009	22.93	-0.0033	-0.0045
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0011	50.68	0.0014	0.0029
Si2516	251.611 {1	Y_3710	ppm	5.884	0.0443	0.7536	5.852	5.915
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	3.699	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.6314	0.0037	0.5813	0.6288	0.634
Ti3349	334.904 {1	Y_3600	ppm	0.0051	0.0003	5.895	0.0053	0.0049
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0014	1260	0.0011	-0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0035	0.0003	9.692	0.0038	0.0033
Zn2062	206.200 {4	In2306	ppm	0.0082	0.0001	1.701	0.0083	0.0081

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	46.284	0.45386	0.98058	46.605	45.963
In2306	230.606 {4	Cts/S	6636.3	108.58	1.6362	6559.5	6713
Y_2243	224.306 {4	Cts/S	10360	179.72	1.7348	10233	10487
Y_3600	360.073 { 9	Cts/S	53753	19.906	0.03703	53767	53739
Y_3710	371.030 { 9	Cts/S	7418.3	47.324	0.63794	7451.7	7384.8

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Custom ID3=
Run Time=1/26/2012 16:37:46
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4821	0.0008	0.159	0.4816	0.4827
Al3082	308.215 {1	In2306	ppm	11.64	0.3569	3.066	11.89	11.39
As1890	189.042 {4	Y_2243	ppm	1.184	0.0003	0.0228	1.184	1.183
B_2496	249.678 {1	Y_3710	ppm	1.138	0.0238	2.091	1.121	1.155
Ba4554	455.403 { 7	Y_3710	ppm	1.13	0.0031	0.276	1.132	1.128
Be3130	313.042 {1	Y_3710	ppm	0.4704	0.0006	0.1377	0.4708	0.4699
Ca3158	315.887 {1	In2306	ppm	92.17	2.128	2.309	93.68	90.67
Ca3181	318.128 {1	In2306	ppm	88.25	1.95	2.21	89.63	86.87
Cd2288	228.802 {4	Y_2243	ppm	0.5415	0.0003	0.0563	0.5417	0.5413
Co2286	228.616 {4	In2306	ppm	1.007	0.0005	0.0539	1.007	1.007
Cr2677	267.716 {1	Y_3600	ppm	0.8081	0.0016	0.1974	0.8092	0.807
Cu3247	324.754 {1	Y_3600	ppm	0.9769	0.001	0.0981	0.9775	0.9762
Fe2404	240.488 {1	In2306	ppm	10.49	0.1365	1.302	10.59	10.39
K_7664	766.490 { 4	Y_3710	ppm	25.89	0.0436	0.1683	25.86	25.92
K_7698	769.896 { 4	Y_3710	ppm	27.55	0.0411	0.1491	27.52	27.58
Li6707	670.784 { 5	Y_3710	ppm	0.5928	0.0007	0.1259	0.5922	0.5933
Mg2790	279.079 {1	Y_3710	ppm	17.5	0.0023	0.0132	17.5	17.5
Mn2576	257.610 {1	Y_3600	ppm	1.184	0	0.0026	1.184	1.184
Mn2576-2	257.610 {1	Y_3710	ppm	1.388	0.0003	0.0222	1.388	1.388
Mo2020	202.030 {4	Y_2243	ppm	1.086	0.0023	0.2124	1.088	1.084
Na5895	589.592 { 5	Y_3710	ppm	874.8	10.55	1.206	882.2	867.3
Na8183	818.326 { 4	Y_3710	ppm	1241	0.4546	0.0366	1241	1240
Ni2316	231.604 {4	In2306	ppm	1.072	0	0.0028	1.072	1.072
P_1782	178.284 {4	In2306	ppm	0.8334	0.0008	0.0968	0.834	0.8328
Pb2203	220.353 {4	In2306	ppm	1.003	0.0002	0.0225	1.003	1.002
S_1820	182.034 {4	Y_2243	ppm	-18060	34.32	0.1901	-18030	-18080
Sb2068	206.833 {4	Y_2243	ppm	1.111	0.0018	0.1655	1.112	1.11
Se1960	196.090 {4	Y_2243	ppm	1.315	0.004	0.3021	1.312	1.318
Si2516	251.611 {1	Y_3710	ppm	6.68	0.053	0.7939	6.718	6.643
Sn1899	189.989 {4	In2306	ppm	0.9589	0.0014	0.1439	0.9598	0.9579
Sr4215	421.552 { 8	Y_3710	ppm	1.137	0.0048	0.4197	1.14	1.134
Ti3349	334.904 {1	Y_3600	ppm	0.7741	0.0003	0.045	0.7744	0.7739
Tl1908	190.856 {4	In2306	ppm	0.8806	0.0074	0.838	0.8859	0.8754
V_2924	292.402 {1	Y_3600	ppm	0.7722	0.0002	0.0314	0.7724	0.7721
Zn2062	206.200 {4	In2306	ppm	1.058	0.0003	0.033	1.058	1.058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	46.129	1.0587	2.2951	45.38	46.877
In2306	230.606 {4	Cts/S	6642.6	11.4	0.17161	6650.7	6634.6
Y_2243	224.306 {4	Cts/S	10579	18.536	0.17521	10592	10566
Y_3600	360.073 { 9	Cts/S	53017	56.965	0.10745	53058	52977
Y_3710	371.030 { 9	Cts/S	7382.6	14.853	0.20118	7372.1	7393.1

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 16:40:15
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2272	0.0004	0.1594	0.2274	0.2269
Al3082	308.215 {1	In2306	ppm	2.747	0.0174	0.634	2.759	2.735
As1890	189.042 {4	Y_2243	ppm	0.5414	0.0067	1.24	0.5366	0.5461
B_2496	249.678 {1	Y_3710	ppm	0.466	0.0009	0.2	0.4666	0.4653
Ba4554	455.403 { 7	Y_3710	ppm	0.5033	0.0007	0.1418	0.5038	0.5028
Be3130	313.042 {1	Y_3710	ppm	0.4802	0.0024	0.4928	0.4785	0.4818
Ca3158	315.887 {1	In2306	ppm	12.74	0.0359	0.2815	12.77	12.72
Ca3181	318.128 {1	In2306	ppm	12.11	0.1	0.8258	12.04	12.18
Cd2288	228.802 {4	Y_2243	ppm	0.5079	0.0041	0.8069	0.505	0.5108
Co2286	228.616 {4	In2306	ppm	0.4861	0.004	0.8129	0.4833	0.4889
Cr2677	267.716 {1	Y_3600	ppm	0.4358	0.0011	0.2492	0.435	0.4366
Cu3247	324.754 {1	Y_3600	ppm	0.4503	0.0018	0.407	0.4516	0.449
Fe2404	240.488 {1	In2306	ppm	2.472	0.0036	0.1456	2.475	2.47
K_7664	766.490 { 4	Y_3710	ppm	14.31	0.2232	1.559	14.47	14.15
K_7698	769.896 { 4	Y_3710	ppm	14.75	0.282	1.912	14.95	14.55
Li6707	670.784 { 5	Y_3710	ppm	0.6198	0.0121	1.946	0.6283	0.6112
Mg2790	279.079 {1	Y_3710	ppm	4.583	0.0212	0.4617	4.568	4.598
Mn2576	257.610 {1	Y_3600	ppm	0.4438	0.0009	0.193	0.4444	0.4431
Mn2576-2	257.610 {1	Y_3710	ppm	0.4782	0.002	0.4214	0.4768	0.4797
Mo2020	202.030 {4	Y_2243	ppm	0.5708	0.0059	1.032	0.5666	0.5749
Na5895	589.592 { 5	Y_3710	ppm	14.89	0.2916	1.958	15.1	14.69
Na8183	818.326 { 4	Y_3710	ppm	13.49	0.0284	0.2103	13.51	13.47
Ni2316	231.604 {4	In2306	ppm	0.5187	0.0047	0.9156	0.5153	0.5221
P_1782	178.284 {4	In2306	ppm	0.0004	0.0011	243.5	-0.0003	0.0012
Pb2203	220.353 {4	In2306	ppm	0.5043	0.0027	0.5449	0.5024	0.5063
S_1820	182.034 {4	Y_2243	ppm	-50.67	31.5	62.16	-28.4	-72.94
Sb2068	206.833 {4	Y_2243	ppm	0.5531	0.0059	1.071	0.549	0.5573
Se1960	196.090 {4	Y_2243	ppm	0.567	0.0066	1.159	0.5623	0.5716
Si2516	251.611 {1	Y_3710	ppm	0.8049	0.0056	0.6913	0.8009	0.8088
Sn1899	189.989 {4	In2306	ppm	0.4729	0.0051	1.07	0.4693	0.4765
Sr4215	421.552 { 8	Y_3710	ppm	0.2705	0.0001	0.051	0.2704	0.2706
Ti3349	334.904 {1	Y_3600	ppm	0.4107	0.001	0.2316	0.41	0.4113
Tl1908	190.856 {4	In2306	ppm	0.4734	0.0017	0.367	0.4746	0.4721
V_2924	292.402 {1	Y_3600	ppm	0.4051	0.0006	0.1394	0.4055	0.4047
Zn2062	206.200 {4	In2306	ppm	0.476	0.0022	0.4691	0.4745	0.4776

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.065	0.79968	1.6637	47.5	48.631
In2306	230.606 {4	Cts/S	8754.9	82.797	0.94572	8813.4	8696.3
Y_2243	224.306 {4	Cts/S	12341	132.15	1.0708	12435	12248
Y_3600	360.073 { 9	Cts/S	51011	244.64	0.47957	50838	51184
Y_3710	371.030 { 9	Cts/S	7821.2	7.5353	0.09634	7826.5	7815.9

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.004	0.0005	11.79	0.0037	0.0043
Al3082	308.215 {1	In2306	ppm	0.1192	0.0878	73.65	0.0571	0.1813
As1890	189.042 {4	Y_2243	ppm	0.0103	0.0005	4.827	0.0107	0.01
B_2496	249.678 {1	Y_3710	ppm	0.0026	0.0017	64.39	0.0037	0.0014
Ba4554	455.403 { 7	Y_3710	ppm	0.0104	0.0002	1.724	0.0103	0.0105
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.8686	0.0049	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0765	0.0037	4.864	0.0792	0.0739
Ca3181	318.128 {1	In2306	ppm	0.1547	0.0048	3.09	0.1581	0.1514
Cd2288	228.802 {4	Y_2243	ppm	0.0056	0.0007	11.83	0.0051	0.0061
Co2286	228.616 {4	In2306	ppm	0.0102	0.0008	8.029	0.0096	0.0108
Cr2677	267.716 {1	Y_3600	ppm	0.0093	0.0003	3.419	0.0096	0.0091
Cu3247	324.754 {1	Y_3600	ppm	0.0109	0.0001	0.5886	0.011	0.0109
Fe2404	240.488 {1	In2306	ppm	0.0896	0.0134	14.97	0.0801	0.0991
K_7664	766.490 { 4	Y_3710	ppm	0.6992	0.0006	0.0911	0.6988	0.6997
K_7698	769.896 { 4	Y_3710	ppm	0.6002	0.007	1.173	0.5952	0.6051
Li6707	670.784 { 5	Y_3710	ppm	0.0114	0	0.3629	0.0113	0.0114
Mg2790	279.079 {1	Y_3710	ppm	0.0951	0.0124	13.08	0.1039	0.0863
Mn2576	257.610 {1	Y_3600	ppm	0.0091	0	0.3032	0.0091	0.0091
Mn2576-2	257.610 {1	Y_3710	ppm	0.0108	0.0005	4.247	0.0105	0.0111
Mo2020	202.030 {4	Y_2243	ppm	0.0132	0.0011	8.137	0.0124	0.0139
Na5895	589.592 { 5	Y_3710	ppm	0.893	0.01	1.118	0.9001	0.886
Na8183	818.326 { 4	Y_3710	ppm	0.5565	0.0534	9.588	0.5943	0.5188
Ni2316	231.604 {4	In2306	ppm	0.011	0.0008	7.704	0.0104	0.0116
P_1782	178.284 {4	In2306	ppm	0.0085	0.0003	3.963	0.0082	0.0087
Pb2203	220.353 {4	In2306	ppm	0.011	0.0006	5.699	0.0105	0.0114
S_1820	182.034 {4	Y_2243	ppm	-1.648	0.1737	10.54	-1.525	-1.771
Sb2068	206.833 {4	Y_2243	ppm	0.018	0.0034	18.98	0.0156	0.0204
Se1960	196.090 {4	Y_2243	ppm	0.0131	0.0013	9.641	0.0122	0.014
Si2516	251.611 {1	Y_3710	ppm	-0.0139	0.0169	122.3	-0.0019	-0.0258
Sn1899	189.989 {4	In2306	ppm	0.0097	0.0008	7.808	0.0091	0.0102
Sr4215	421.552 { 8	Y_3710	ppm	0.0054	0.0002	3.592	0.0053	0.0055
Ti3349	334.904 {1	Y_3600	ppm	0.0087	0.0002	2.258	0.0088	0.0085
Tl1908	190.856 {4	In2306	ppm	0.0131	0.0021	16.04	0.0116	0.0146
V_2924	292.402 {1	Y_3600	ppm	0.0085	0.0003	2.96	0.0087	0.0083
Zn2062	206.200 {4	In2306	ppm	0.0084	0.0006	6.919	0.008	0.0088

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.816	0.25757	0.49708	51.999	51.634
In2306	230.606 {4	Cts/S	9292.5	72.389	0.779	9241.3	9343.7
Y_2243	224.306 {4	Cts/S	12527	79.757	0.63666	12471	12584
Y_3600	360.073 { 9	Cts/S	49721	197.37	0.39695	49581	49861
Y_3710	371.030 { 9	Cts/S	7935.5	53.381	0.67269	7897.8	7973.3

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0007	204.4	0.0009	-0.0002
Al3082	308.215 {1	In2306	ppm	-0.0111	0.0392	352.5	0.0166	-0.0388
As1890	189.042 {4	Y_2243	ppm	0.0013	0.0001	6.343	0.0013	0.0014
B_2496	249.678 {1	Y_3710	ppm	-0.0024	0.001	40.71	-0.0017	-0.0031
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	92.87	0.0003	0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	183.2	0.0001	0
Ca3158	315.887 {1	In2306	ppm	-0.036	0.0096	26.7	-0.0428	-0.0292
Ca3181	318.128 {1	In2306	ppm	0.0655	0.0905	138.1	0.1295	0.0015
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	54.95	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	2878	-0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	170	0	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0029	0.0003	11.99	0.0031	0.0026
Fe2404	240.488 {1	In2306	ppm	-0.0257	0.001	3.946	-0.0264	-0.0249
K_7664	766.490 { 4	Y_3710	ppm	0.0317	0.0038	12.07	0.0344	0.029
K_7698	769.896 { 4	Y_3710	ppm	-0.1251	0.0181	14.46	-0.1123	-0.1379
Li6707	670.784 { 5	Y_3710	ppm	-0.0005	0.0003	66.87	-0.0007	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0296	0.0087	29.51	0.0234	0.0357
Mn2576	257.610 {1	Y_3600	ppm	-0.0002	0	13.91	-0.0002	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0031	3281	-0.0023	0.0021
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0.0001	92.65	0	-0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.1122	0.0005	0.4264	0.1126	0.1119
Na8183	818.326 { 4	Y_3710	ppm	-0.1081	0.041	37.95	-0.1371	-0.0791
Ni2316	231.604 {4	In2306	ppm	0.0003	0	1.968	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	0.0001	0.0006	521.5	0.0005	-0.0003
Pb2203	220.353 {4	In2306	ppm	0.0004	0.0003	67.8	0.0005	0.0002
S_1820	182.034 {4	Y_2243	ppm	-1.027	0.0443	4.311	-1.058	-0.9953
Sb2068	206.833 {4	Y_2243	ppm	0.0004	0.0008	183.6	0.001	-0.0001
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0017	68.55	0.0038	0.0013
Si2516	251.611 {1	Y_3710	ppm	-0.0241	0.0072	30.07	-0.019	-0.0292
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0001	21.41	-0.0004	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	137.4	-0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0003	155.3	0.0004	0
Tl1908	190.856 {4	In2306	ppm	0.0027	0.0009	34.76	0.002	0.0033
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	31.04	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	-0.0011	0.0001	4.858	-0.0011	-0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.611	1.1461	2.2646	49.8	51.421
In2306	230.606 {4	Cts/S	9483.5	97.744	1.0307	9552.6	9414.3
Y_2243	224.306 {4	Cts/S	12796	133.87	1.0462	12891	12702
Y_3600	360.073 { 9	Cts/S	49578	84.29	0.17001	49519	49638
Y_3710	371.030 { 9	Cts/S	8011.7	11.057	0.138	8019.5	8003.9

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4893	0.0004	0.0782	0.4895	0.489
Al3082	308.215 {1	In2306	ppm	12.1	0.1522	1.257	12	12.21
As1890	189.042 {4	Y_2243	ppm	1.177	0.0086	0.7343	1.183	1.171
B_2496	249.678 {1	Y_3710	ppm	1.158	0.0107	0.924	1.165	1.15
Ba4554	455.403 { 7	Y_3710	ppm	1.143	0.0015	0.1322	1.144	1.142
Be3130	313.042 {1	Y_3710	ppm	0.4813	0.0008	0.1605	0.4808	0.4819
Ca3158	315.887 {1	In2306	ppm	95.33	2.437	2.557	93.61	97.05
Ca3181	318.128 {1	In2306	ppm	91.61	2.224	2.428	90.04	93.18
Cd2288	228.802 {4	Y_2243	ppm	0.5476	0.0044	0.8111	0.5507	0.5445
Co2286	228.616 {4	In2306	ppm	1.023	0.0078	0.7663	1.029	1.017
Cr2677	267.716 {1	Y_3600	ppm	0.8377	0.0053	0.6371	0.8415	0.834
Cu3247	324.754 {1	Y_3600	ppm	0.9849	0.0018	0.1828	0.9836	0.9861
Fe2404	240.488 {1	In2306	ppm	10.87	0.256	2.356	10.69	11.05
K_7664	766.490 { 4	Y_3710	ppm	25.73	0.2592	1.007	25.91	25.55
K_7698	769.896 { 4	Y_3710	ppm	27.25	0.3088	1.133	27.47	27.03
Li6707	670.784 { 5	Y_3710	ppm	0.5828	0.0098	1.68	0.5898	0.5759
Mg2790	279.079 {1	Y_3710	ppm	17.57	0.052	0.2959	17.61	17.54
Mn2576	257.610 {1	Y_3600	ppm	1.206	0.0056	0.4632	1.21	1.202
Mn2576-2	257.610 {1	Y_3710	ppm	1.406	0.0002	0.0144	1.406	1.406
Mo2020	202.030 {4	Y_2243	ppm	1.088	0.0113	1.042	1.096	1.08
Na5895	589.592 { 5	Y_3710	ppm	901.3	19.76	2.192	887.4	915.3
Na8183	818.326 { 4	Y_3710	ppm	1245	4.303	0.3456	1248	1242
Ni2316	231.604 {4	In2306	ppm	1.086	0.005	0.4591	1.089	1.082
P_1782	178.284 {4	In2306	ppm	0.8472	0.0036	0.4292	0.8497	0.8446
Pb2203	220.353 {4	In2306	ppm	1.016	0.0033	0.3242	1.019	1.014
S_1820	182.034 {4	Y_2243	ppm	-18080	64.35	0.356	-18120	-18030
Sb2068	206.833 {4	Y_2243	ppm	1.117	0.0151	1.352	1.128	1.106
Se1960	196.090 {4	Y_2243	ppm	1.309	0.004	0.3069	1.311	1.306
Si2516	251.611 {1	Y_3710	ppm	6.812	0.0296	0.434	6.791	6.833
Sn1899	189.989 {4	In2306	ppm	0.9799	0.0063	0.6466	0.9844	0.9754
Sr4215	421.552 { 8	Y_3710	ppm	1.149	0.002	0.1755	1.151	1.148
Ti3349	334.904 {1	Y_3600	ppm	0.8	0.0001	0.016	0.7999	0.8001
Tl1908	190.856 {4	In2306	ppm	0.8875	0.0234	2.636	0.904	0.871
V_2924	292.402 {1	Y_3600	ppm	0.7898	0.0055	0.6912	0.7937	0.786
Zn2062	206.200 {4	In2306	ppm	1.084	0.007	0.6471	1.089	1.079

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	45.398	0.68059	1.4992	45.879	44.917
In2306	230.606 {4	Cts/S	6707	19.325	0.28813	6693.3	6720.7
Y_2243	224.306 {4	Cts/S	10781	31.11	0.28855	10759	10803
Y_3600	360.073 { 9	Cts/S	52664	78.947	0.14991	52720	52608
Y_3710	371.030 { 9	Cts/S	7383.9	13.141	0.17797	7374.6	7393.2

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0002	101	-0.0001	-0.0004
Al3082	308.215 {1	In2306	ppm	-0.0154	0.0001	0.6951	-0.0155	-0.0154
As1890	189.042 {4	Y_2243	ppm	0.001	0.0031	302.7	-0.0012	0.0032
B_2496	249.678 {1	Y_3710	ppm	0.0196	0.0072	36.76	0.0248	0.0145
Ba4554	455.403 { 7	Y_3710	ppm	0.0004	0.0001	18.04	0.0004	0.0005
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	69.74	0	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0081	0.0061	75.42	-0.0124	-0.0038
Ca3181	318.128 {1	In2306	ppm	0.0652	0.091	139.5	0.1295	0.0009
Cd2288	228.802 {4	Y_2243	ppm	0.0014	0.0017	125.1	0.0002	0.0026
Co2286	228.616 {4	In2306	ppm	0.003	0.0038	125.8	0.0003	0.0057
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	82.7	0.0002	0
Cu3247	324.754 {1	Y_3600	ppm	0.0026	0.001	37.84	0.0033	0.0019
Fe2404	240.488 {1	In2306	ppm	-0.0183	0.0051	28.05	-0.0147	-0.022
K_7664	766.490 { 4	Y_3710	ppm	0.0853	0.0093	10.93	0.0919	0.0787
K_7698	769.896 { 4	Y_3710	ppm	-0.0128	0.0087	67.76	-0.0067	-0.0189
Li6707	670.784 { 5	Y_3710	ppm	-0.0004	0	3.372	-0.0004	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0103	0.0417	406.5	0.0398	-0.0193
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0.0001	92.03	0	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.002	0.0011	55.64	0.0027	0.0012
Mo2020	202.030 {4	Y_2243	ppm	0.0061	0.0053	87.02	0.0024	0.0099
Na5895	589.592 { 5	Y_3710	ppm	2.664	0.1321	4.961	2.757	2.57
Na8183	818.326 { 4	Y_3710	ppm	2.004	0.1425	7.112	2.104	1.903
Ni2316	231.604 {4	In2306	ppm	0.0033	0.0037	111.7	0.0007	0.006
P_1782	178.284 {4	In2306	ppm	0.0019	0.002	106.6	0.0005	0.0033
Pb2203	220.353 {4	In2306	ppm	0.0018	0.0031	171.5	-0.0004	0.0039
S_1820	182.034 {4	Y_2243	ppm	-38.2	46.83	122.6	-5.088	-71.32
Sb2068	206.833 {4	Y_2243	ppm	0.0138	0.0044	31.6	0.0107	0.0169
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0045	125	0.0004	0.0067
Si2516	251.611 {1	Y_3710	ppm	0.043	0.0046	10.77	0.0463	0.0397
Sn1899	189.989 {4	In2306	ppm	0.005	0.0046	91.65	0.0018	0.0083
Sr4215	421.552 { 8	Y_3710	ppm	-0.0002	0.0002	129.4	0	-0.0003
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0001	9.368	0.0007	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0095	0.0071	74.49	0.0045	0.0145
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0006	171.1	-0.0001	0.0008
Zn2062	206.200 {4	In2306	ppm	0.0034	0.0034	99.22	0.001	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.631	0.14617	0.28311	51.527	51.734
In2306	230.606 {4	Cts/S	9262.4	59.643	0.64392	9304.6	9220.2
Y_2243	224.306 {4	Cts/S	12656	35.103	0.27737	12681	12631
Y_3600	360.073 { 9	Cts/S	47823	2428	5.077	46106	49540
Y_3710	371.030 { 9	Cts/S	7886.4	46.119	0.58479	7853.8	7919

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Custom ID2=
Custom ID3=
Run Time=1/26/2012 16:53:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4676	0.0012	0.2525	0.4685	0.4668
Al3082	308.215 {1	In2306	ppm	10.92	0.1645	1.507	10.8	11.03
As1890	189.042 {4	Y_2243	ppm	1.121	0.0094	0.8381	1.127	1.114
B_2496	249.678 {1	Y_3710	ppm	1.06	0.0143	1.349	1.07	1.05
Ba4554	455.403 { 7	Y_3710	ppm	1.099	0.0045	0.406	1.102	1.096
Be3130	313.042 {1	Y_3710	ppm	0.4798	0.0024	0.4929	0.4814	0.4781
Ca3158	315.887 {1	In2306	ppm	126	2.961	2.35	123.9	128.1
Ca3181	318.128 {1	In2306	ppm	121.4	2.799	2.305	119.4	123.4
Cd2288	228.802 {4	Y_2243	ppm	0.5244	0.0034	0.6508	0.5268	0.5219
Co2286	228.616 {4	In2306	ppm	0.9833	0.0053	0.5362	0.9871	0.9796
Cr2677	267.716 {1	Y_3600	ppm	0.8681	0.0047	0.5441	0.8714	0.8647
Cu3247	324.754 {1	Y_3600	ppm	0.9508	0.0006	0.0666	0.9512	0.9503
Fe2404	240.488 {1	In2306	ppm	9.722	0.2069	2.128	9.576	9.868
K_7664	766.490 { 4	Y_3710	ppm	15.25	0.0044	0.0288	15.25	15.25
K_7698	769.896 { 4	Y_3710	ppm	15.64	0.0352	0.2248	15.62	15.67
Li6707	670.784 { 5	Y_3710	ppm	1.28	0.0016	0.1251	1.279	1.281
Mg2790	279.079 {1	Y_3710	ppm	12.99	0.0365	0.281	13.02	12.97
Mn2576	257.610 {1	Y_3600	ppm	0.938	0.0006	0.0606	0.9375	0.9384
Mn2576-2	257.610 {1	Y_3710	ppm	1.03	0.0107	1.038	1.037	1.022
Mo2020	202.030 {4	Y_2243	ppm	1.11	0.011	0.9902	1.118	1.102
Na5895	589.592 { 5	Y_3710	ppm	56.5	0.0262	0.0464	56.48	56.51
Na8183	818.326 { 4	Y_3710	ppm	52.8	0.0983	0.1862	52.73	52.87
Ni2316	231.604 {4	In2306	ppm	1.05	0.0068	0.651	1.055	1.045
P_1782	178.284 {4	In2306	ppm	1.089	0.0043	0.3936	1.092	1.086
Pb2203	220.353 {4	In2306	ppm	1.024	0.0049	0.4772	1.027	1.02
S_1820	182.034 {4	Y_2243	ppm	-1080	3.523	0.3262	-1082	-1077
Sb2068	206.833 {4	Y_2243	ppm	1.11	0.0089	0.7984	1.116	1.104
Se1960	196.090 {4	Y_2243	ppm	1.155	0.007	0.6092	1.16	1.15
Si2516	251.611 {1	Y_3710	ppm	2.066	0.0211	1.022	2.081	2.051
Sn1899	189.989 {4	In2306	ppm	0.9461	0.0046	0.4866	0.9493	0.9428
Sr4215	421.552 { 8	Y_3710	ppm	1.743	0.0093	0.535	1.75	1.737
Ti3349	334.904 {1	Y_3600	ppm	0.8175	0.0002	0.0191	0.8176	0.8174
Tl1908	190.856 {4	In2306	ppm	0.9497	0.009	0.9476	0.956	0.9433
V_2924	292.402 {1	Y_3600	ppm	0.8091	0.0044	0.5438	0.806	0.8122
Zn2062	206.200 {4	In2306	ppm	0.9835	0.0064	0.6544	0.988	0.9789

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	48.556	1.2345	2.5424	49.429	47.684
In2306	230.606 {4	Cts/S	8012.4	3.7611	0.04694	8015.1	8009.7
Y_2243	224.306 {4	Cts/S	11752	3.5267	0.03001	11750	11755
Y_3600	360.073 { 9	Cts/S	50661	41.853	0.08261	50632	50691
Y_3710	371.030 { 9	Cts/S	7592.8	26.291	0.34627	7574.2	7611.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 16:55:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	28.81	0.0006	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0045	0.0063	140.8	0	-0.009
As1890	189.042 {4	Y_2243	ppm	0.0004	0.002	486.7	-0.001	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0183	0.0029	15.84	0.0163	0.0204
Ba4554	455.403 { 7	Y_3710	ppm	0.0149	0.0002	1.107	0.015	0.0148
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	83.35	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	22.96	0.3727	1.623	22.69	23.22
Ca3181	318.128 {1	In2306	ppm	22.03	0.3894	1.767	21.76	22.31
Cd2288	228.802 {4	Y_2243	ppm	0.0007	0.0009	132.9	0	0.0013
Co2286	228.616 {4	In2306	ppm	0.0014	0.0017	121.5	0.0002	0.0026
Cr2677	267.716 {1	Y_3600	ppm	0	0.0002	1109	-0.0001	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0017	0.0006	38.06	0.0021	0.0012
Fe2404	240.488 {1	In2306	ppm	-0.0004	0.0116	3153	0.0078	-0.0086
K_7664	766.490 { 4	Y_3710	ppm	0.7131	0.0269	3.775	0.7321	0.6941
K_7698	769.896 { 4	Y_3710	ppm	0.5914	0.0111	1.878	0.5992	0.5835
Li6707	670.784 { 5	Y_3710	ppm	0.0017	0.0001	5.742	0.0016	0.0018
Mg2790	279.079 {1	Y_3710	ppm	0.6986	0.0602	8.62	0.656	0.7412
Mn2576	257.610 {1	Y_3600	ppm	0.0098	0	0.264	0.0098	0.0099
Mn2576-2	257.610 {1	Y_3710	ppm	0.01	0.0007	6.604	0.0095	0.0104
Mo2020	202.030 {4	Y_2243	ppm	0.0043	0.0031	71.82	0.0021	0.0064
Na5895	589.592 { 5	Y_3710	ppm	8.755	0.2065	2.359	8.901	8.609
Na8183	818.326 { 4	Y_3710	ppm	7.998	0.0905	1.131	8.062	7.934
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0017	102.6	0.0004	0.0028
P_1782	178.284 {4	In2306	ppm	0.0013	0.0003	19.98	0.0011	0.0015
Pb2203	220.353 {4	In2306	ppm	0.001	0.0011	115.2	0.0002	0.0017
S_1820	182.034 {4	Y_2243	ppm	-207	1.888	0.9118	-205.7	-208.4
Sb2068	206.833 {4	Y_2243	ppm	0.0097	0.0025	25.69	0.008	0.0115
Se1960	196.090 {4	Y_2243	ppm	0.0033	0.0002	5.937	0.0032	0.0035
Si2516	251.611 {1	Y_3710	ppm	0.1765	0.0035	1.961	0.1741	0.1789
Sn1899	189.989 {4	In2306	ppm	0.002	0.0023	118.2	0.0003	0.0036
Sr4215	421.552 { 8	Y_3710	ppm	0.2362	0.0008	0.3437	0.2367	0.2356
Ti3349	334.904 {1	Y_3600	ppm	0.0014	0.0004	31.55	0.0011	0.0017
Tl1908	190.856 {4	In2306	ppm	0.0046	0.0024	52.74	0.0029	0.0063
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0011	78.35	0.0006	0.0021
Zn2062	206.200 {4	In2306	ppm	0.004	0.0017	42.2	0.0028	0.0052

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.375	0.15608	0.31612	49.486	49.265
In2306	230.606 {4	Cts/S	8944.2	50.082	0.55994	8979.7	8908.8
Y_2243	224.306 {4	Cts/S	12406	97.395	0.78504	12475	12338
Y_3600	360.073 { 9	Cts/S	50393	280.58	0.55677	50195	50592
Y_3710	371.030 { 9	Cts/S	7932	32.81	0.41364	7908.8	7955.2

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2307	0.0015	0.6304	0.2297	0.2317
Al3082	308.215 {1	In2306	ppm	2.603	0.1414	5.433	2.703	2.503
As1890	189.042 {4	Y_2243	ppm	0.5312	0.0002	0.0354	0.5314	0.5311
B_2496	249.678 {1	Y_3710	ppm	0.4742	0.001	0.2068	0.4735	0.4749
Ba4554	455.403 { 7	Y_3710	ppm	0.4965	0.0005	0.0926	0.4962	0.4968
Be3130	313.042 {1	Y_3710	ppm	0.4794	0.0005	0.0939	0.4797	0.4791
Ca3158	315.887 {1	In2306	ppm	12.15	0.3651	3.005	12.41	11.89
Ca3181	318.128 {1	In2306	ppm	11.63	0.3796	3.263	11.9	11.36
Cd2288	228.802 {4	Y_2243	ppm	0.5037	0.0011	0.2199	0.5045	0.5029
Co2286	228.616 {4	In2306	ppm	0.4851	0.0005	0.1101	0.4855	0.4848
Cr2677	267.716 {1	Y_3600	ppm	0.4409	0.0036	0.8169	0.4435	0.4384
Cu3247	324.754 {1	Y_3600	ppm	0.4565	0.0025	0.554	0.4547	0.4583
Fe2404	240.488 {1	In2306	ppm	2.387	0.0655	2.743	2.434	2.341
K_7664	766.490 { 4	Y_3710	ppm	13.62	0.021	0.1539	13.64	13.61
K_7698	769.896 { 4	Y_3710	ppm	14.03	0.0238	0.1698	14.02	14.05
Li6707	670.784 { 5	Y_3710	ppm	0.5845	0.0006	0.1095	0.5841	0.585
Mg2790	279.079 {1	Y_3710	ppm	4.555	0.063	1.382	4.51	4.599
Mn2576	257.610 {1	Y_3600	ppm	0.4476	0.0019	0.4249	0.449	0.4463
Mn2576-2	257.610 {1	Y_3710	ppm	0.4792	0.0024	0.496	0.4776	0.4809
Mo2020	202.030 {4	Y_2243	ppm	0.5558	0.0025	0.4557	0.5576	0.554
Na5895	589.592 { 5	Y_3710	ppm	14.04	0.0099	0.0708	14.03	14.04
Na8183	818.326 { 4	Y_3710	ppm	12.94	0.1064	0.8219	12.87	13.02
Ni2316	231.604 {4	In2306	ppm	0.5118	0.001	0.1986	0.5125	0.5111
P_1782	178.284 {4	In2306	ppm	-0.0021	0.0004	17.19	-0.0019	-0.0024
Pb2203	220.353 {4	In2306	ppm	0.5007	0.0007	0.1412	0.5012	0.5002
S_1820	182.034 {4	Y_2243	ppm	-24.91	0.1754	0.7041	-24.78	-25.03
Sb2068	206.833 {4	Y_2243	ppm	0.5297	0.0001	0.0137	0.5296	0.5297
Se1960	196.090 {4	Y_2243	ppm	0.5545	0.0007	0.1245	0.555	0.5541
Si2516	251.611 {1	Y_3710	ppm	0.7559	0.0187	2.476	0.7426	0.7691
Sn1899	189.989 {4	In2306	ppm	0.4736	0.0011	0.2264	0.4743	0.4728
Sr4215	421.552 { 8	Y_3710	ppm	0.2652	0.0005	0.1825	0.2649	0.2655
Ti3349	334.904 {1	Y_3600	ppm	0.4171	0.0028	0.6764	0.4191	0.4151
Tl1908	190.856 {4	In2306	ppm	0.4722	0.0064	1.346	0.4767	0.4677
V_2924	292.402 {1	Y_3600	ppm	0.4144	0.0024	0.5765	0.4161	0.4128
Zn2062	206.200 {4	In2306	ppm	0.4748	0.001	0.2168	0.4755	0.4741

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.448	1.3715	2.6658	50.478	52.418
In2306	230.606 {4	Cts/S	8833.7	29.894	0.3384	8854.9	8812.6
Y_2243	224.306 {4	Cts/S	12544	26.737	0.21316	12562	12525
Y_3600	360.073 { 9	Cts/S	50201	155.25	0.30925	50311	50092
Y_3710	371.030 { 9	Cts/S	7927.7	5.3191	0.06709	7931.4	7923.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0049	0.0007	13.62	0.0045	0.0054
Al3082	308.215 {1	In2306	ppm	0.117	0.0182	15.59	0.1299	0.1041
As1890	189.042 {4	Y_2243	ppm	0.01	0.0018	18.27	0.0087	0.0113
B_2496	249.678 {1	Y_3710	ppm	0.0109	0.0002	1.778	0.011	0.0108
Ba4554	455.403 { 7	Y_3710	ppm	0.0103	0.0003	3.295	0.01	0.0105
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0001	1.067	0.0049	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0792	0.007	8.84	0.0743	0.0842
Ca3181	318.128 {1	In2306	ppm	0.1681	0.002	1.207	0.1695	0.1667
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0002	4.58	0.0052	0.0055
Co2286	228.616 {4	In2306	ppm	0.0099	0.0001	1.42	0.0098	0.01
Cr2677	267.716 {1	Y_3600	ppm	0.0089	0.0004	4.799	0.0092	0.0086
Cu3247	324.754 {1	Y_3600	ppm	0.0109	0.0004	3.515	0.0106	0.0111
Fe2404	240.488 {1	In2306	ppm	0.0874	0.0003	0.287	0.0875	0.0872
K_7664	766.490 { 4	Y_3710	ppm	0.693	0.0147	2.123	0.7034	0.6826
K_7698	769.896 { 4	Y_3710	ppm	0.5625	0.0169	2.998	0.5744	0.5506
Li6707	670.784 { 5	Y_3710	ppm	0.0115	0.0001	0.7651	0.0114	0.0115
Mg2790	279.079 {1	Y_3710	ppm	0.0679	0.0069	10.1	0.0728	0.0631
Mn2576	257.610 {1	Y_3600	ppm	0.0092	0.0001	0.8765	0.0091	0.0092
Mn2576-2	257.610 {1	Y_3710	ppm	0.0098	0.0021	20.83	0.0084	0.0113
Mo2020	202.030 {4	Y_2243	ppm	0.0123	0.0004	3.175	0.012	0.0126
Na5895	589.592 { 5	Y_3710	ppm	0.7887	0.002	0.2485	0.7901	0.7873
Na8183	818.326 { 4	Y_3710	ppm	0.7058	0.0045	0.631	0.709	0.7027
Ni2316	231.604 {4	In2306	ppm	0.0103	0.0001	1.358	0.0102	0.0104
P_1782	178.284 {4	In2306	ppm	0.009	0.002	21.88	0.0103	0.0076
Pb2203	220.353 {4	In2306	ppm	0.011	0.001	9.309	0.0117	0.0103
S_1820	182.034 {4	Y_2243	ppm	-0.5332	0.0104	1.948	-0.5405	-0.5258
Sb2068	206.833 {4	Y_2243	ppm	0.0152	0.0014	9.464	0.0142	0.0162
Se1960	196.090 {4	Y_2243	ppm	0.0138	0.0003	1.833	0.014	0.0136
Si2516	251.611 {1	Y_3710	ppm	-0.0079	0.0024	30.72	-0.0062	-0.0097
Sn1899	189.989 {4	In2306	ppm	0.0096	0	0.2652	0.0095	0.0096
Sr4215	421.552 { 8	Y_3710	ppm	0.0051	0	0.4887	0.0051	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0087	0.0001	0.6782	0.0087	0.0086
Tl1908	190.856 {4	In2306	ppm	0.0128	0.0016	12.66	0.0116	0.0139
V_2924	292.402 {1	Y_3600	ppm	0.0086	0.0005	5.54	0.0083	0.0089
Zn2062	206.200 {4	In2306	ppm	0.0084	0	0.5264	0.0085	0.0084

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.837	1.0571	2.0006	53.584	52.089
In2306	230.606 {4	Cts/S	9335.3	99.789	1.0689	9264.7	9405.8
Y_2243	224.306 {4	Cts/S	12712	139.83	1.1	12613	12811
Y_3600	360.073 { 9	Cts/S	48974	2.2779	0.00465	48975	48972
Y_3710	371.030 { 9	Cts/S	7957.7	10.481	0.13171	7965.2	7950.3

[Sample Header]
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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 17:03:08
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	116.9	0	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0048	0.0083	174.9	-0.0011	0.0106
As1890	189.042 {4	Y_2243	ppm	-0.0014	0.0002	11.6	-0.0013	-0.0015
B_2496	249.678 {1	Y_3710	ppm	-0.0079	0.0011	13.75	-0.0071	-0.0086
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0003	330.2	0.0003	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	70.28	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0412	0.0079	19.19	-0.0468	-0.0356
Ca3181	318.128 {1	In2306	ppm	0.0462	0.0653	141.4	0	0.0924
Cd2288	228.802 {4	Y_2243	ppm	0	0	168.7	0	0
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	38.06	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0007	247.4	-0.0007	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0019	0	0.8036	0.002	0.0019
Fe2404	240.488 {1	In2306	ppm	-0.01	0.0175	174.1	0.0023	-0.0224
K_7664	766.490 { 4	Y_3710	ppm	0.0146	0.0071	48.95	0.0196	0.0095
K_7698	769.896 { 4	Y_3710	ppm	-0.1464	0.0228	15.55	-0.1303	-0.1625
Li6707	670.784 { 5	Y_3710	ppm	0	0.0006	2220	0.0004	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0126	0.001	7.809	0.0119	0.0133
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0.0001	51.55	-0.0001	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0018	0	2.698	0.0017	0.0018
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0003	250.5	-0.0001	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0584	0.0056	9.606	0.0624	0.0544
Na8183	818.326 { 4	Y_3710	ppm	0.0423	0.1409	332.9	0.142	-0.0573
Ni2316	231.604 {4	In2306	ppm	0.0003	0	8.699	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	0.0008	0.0001	18.11	0.0009	0.0007
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0013	696.2	-0.0011	0.0007
S_1820	182.034 {4	Y_2243	ppm	-0.4816	0.07	14.53	-0.531	-0.4321
Sb2068	206.833 {4	Y_2243	ppm	-0.0015	0.0003	21.2	-0.0013	-0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0024	0.0019	80.96	0.001	0.0038
Si2516	251.611 {1	Y_3710	ppm	-0.0433	0.015	34.73	-0.0326	-0.0539
Sn1899	189.989 {4	In2306	ppm	-0.0006	0.0001	11.58	-0.0006	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	40.05	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0007	238.1	0.0008	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0006	90.99	0.0002	0.0011
V_2924	292.402 {1	Y_3600	ppm	0	0.0006	1477	0.0004	-0.0005
Zn2062	206.200 {4	In2306	ppm	-0.0011	0.0001	9.108	-0.0011	-0.001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.944	0.306	0.5891	51.728	52.161
In2306	230.606 {4	Cts/S	9335.2	185.48	1.9869	9466.3	9204
Y_2243	224.306 {4	Cts/S	12609	239.14	1.8967	12778	12440
Y_3600	360.073 { 9	Cts/S	48777	104.73	0.21471	48703	48851
Y_3710	371.030 { 9	Cts/S	8130.9	252.24	3.1022	7952.5	8309.2

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Custom ID1=
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Custom ID3=
Run Time=1/26/2012 17:05:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0007	0	5.393	-0.0008	-0.0007
Al3082	308.215 {1	In2306	ppm	555.7	8.746	1.574	549.5	561.9
As1890	189.042 {4	Y_2243	ppm	-0.0015	0.0002	15.28	-0.0017	-0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0063	0.0134	212.4	-0.0032	0.0158
Ba4554	455.403 { 7	Y_3710	ppm	0.0006	0	1.506	0.0006	0.0006
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	143.8	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	514.5	10.56	2.053	507.1	522
Ca3181	318.128 {1	In2306	ppm	500.9	10.53	2.102	493.4	508.3
Cd2288	228.802 {4	Y_2243	ppm	0	0	184.8	0	0
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	13.2	0.0004	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0023	0	1.625	0.0023	0.0023
Cu3247	324.754 {1	Y_3600	ppm	0.0041	0.0001	2.63	0.0042	0.0041
Fe2404	240.488 {1	In2306	ppm	196.2	3.904	1.99	193.4	198.9
K_7664	766.490 { 4	Y_3710	ppm	0.0299	0.0008	2.71	0.0305	0.0293
K_7698	769.896 { 4	Y_3710	ppm	-0.1824	0.0126	6.88	-0.1735	-0.1913
Li6707	670.784 { 5	Y_3710	ppm	0.0083	0	0.392	0.0083	0.0083
Mg2790	279.079 {1	Y_3710	ppm	551.8	1.012	0.1835	551.1	552.5
Mn2576	257.610 {1	Y_3600	ppm	-0.0053	0.0001	1.208	-0.0052	-0.0053
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0065	0.0006	9.562	-0.0061	-0.007
Mo2020	202.030 {4	Y_2243	ppm	-0.0013	0.0001	4.675	-0.0013	-0.0014
Na5895	589.592 { 5	Y_3710	ppm	0.1086	0.0001	0.1211	0.1087	0.1085
Na8183	818.326 { 4	Y_3710	ppm	0.7211	0.1041	14.44	0.6475	0.7947
Ni2316	231.604 {4	In2306	ppm	0.0062	0.0001	1.521	0.0062	0.0061
P_1782	178.284 {4	In2306	ppm	0.0045	0.0022	49.54	0.006	0.0029
Pb2203	220.353 {4	In2306	ppm	-0.0151	0.0015	10.04	-0.014	-0.0161
S_1820	182.034 {4	Y_2243	ppm	2.571	0.0863	3.357	2.632	2.51
Sb2068	206.833 {4	Y_2243	ppm	-0.0123	0.0011	8.909	-0.0131	-0.0115
Se1960	196.090 {4	Y_2243	ppm	0.0022	0.0044	198.7	0.0053	-0.0009
Si2516	251.611 {1	Y_3710	ppm	-0.0141	0.0455	322.1	0.0181	-0.0463
Sn1899	189.989 {4	In2306	ppm	0.0018	0.0003	17	0.002	0.0016
Sr4215	421.552 { 8	Y_3710	ppm	0.0025	0.0001	5.939	0.0026	0.0024
Ti3349	334.904 {1	Y_3600	ppm	0.003	0.0005	15.91	0.0034	0.0027
Tl1908	190.856 {4	In2306	ppm	-0.0047	0.0001	2.899	-0.0046	-0.0048
V_2924	292.402 {1	Y_3600	ppm	-0.0044	0.0008	18.37	-0.0038	-0.005
Zn2062	206.200 {4	In2306	ppm	0.0023	0.0004	17.02	0.0026	0.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.322	0.65769	1.3898	47.787	46.857
In2306	230.606 {4	Cts/S	6704.5	2.8247	0.04213	6706.5	6702.5
Y_2243	224.306 {4	Cts/S	11089	18.247	0.16455	11102	11076
Y_3600	360.073 { 9	Cts/S	48818	68.589	0.1405	48769	48866
Y_3710	371.030 { 9	Cts/S	6859.5	27.914	0.40693	6839.8	6879.3

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 17:08:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5363	0.002	0.364	0.5349	0.5377
Al3082	308.215 {1	In2306	ppm	577.8	4.915	0.8506	581.3	574.3
As1890	189.042 {4	Y_2243	ppm	1.115	0.0111	0.9992	1.122	1.107
B_2496	249.678 {1	Y_3710	ppm	1.08	0.0034	0.3186	1.083	1.078
Ba4554	455.403 { 7	Y_3710	ppm	1.126	0.0134	1.19	1.136	1.117
Be3130	313.042 {1	Y_3710	ppm	0.5234	0.0026	0.4892	0.5252	0.5215
Ca3158	315.887 {1	In2306	ppm	535.5	0.126	0.0235	535.6	535.4
Ca3181	318.128 {1	In2306	ppm	520.8	0.5202	0.0999	520.4	521.2
Cd2288	228.802 {4	Y_2243	ppm	0.5414	0.0062	1.15	0.5458	0.537
Co2286	228.616 {4	In2306	ppm	1.001	0.0127	1.268	1.01	0.992
Cr2677	267.716 {1	Y_3600	ppm	0.8861	0.0021	0.2352	0.8847	0.8876
Cu3247	324.754 {1	Y_3600	ppm	1.133	0.0075	0.6601	1.128	1.139
Fe2404	240.488 {1	In2306	ppm	208.7	0.8493	0.4069	209.3	208.1
K_7664	766.490 { 4	Y_3710	ppm	12.2	0.308	2.525	12.42	11.98
K_7698	769.896 { 4	Y_3710	ppm	12.56	0.2983	2.375	12.77	12.35
Li6707	670.784 { 5	Y_3710	ppm	1.283	0.0346	2.702	1.307	1.258
Mg2790	279.079 {1	Y_3710	ppm	565.7	2.806	0.4961	567.7	563.7
Mn2576	257.610 {1	Y_3600	ppm	0.913	0.0025	0.2791	0.9112	0.9148
Mn2576-2	257.610 {1	Y_3710	ppm	1.066	0.0169	1.588	1.078	1.054
Mo2020	202.030 {4	Y_2243	ppm	1.04	0.0148	1.425	1.05	1.029
Na5895	589.592 { 5	Y_3710	ppm	12.27	0.3047	2.482	12.49	12.06
Na8183	818.326 { 4	Y_3710	ppm	12.58	0.25	1.986	12.76	12.41
Ni2316	231.604 {4	In2306	ppm	1.059	0.0122	1.147	1.068	1.051
P_1782	178.284 {4	In2306	ppm	1.191	0.0154	1.295	1.202	1.18
Pb2203	220.353 {4	In2306	ppm	0.9925	0.0105	1.06	1	0.9851
S_1820	182.034 {4	Y_2243	ppm	2.811	0.0351	1.249	2.836	2.786
Sb2068	206.833 {4	Y_2243	ppm	1.09	0.0221	2.027	1.106	1.074
Se1960	196.090 {4	Y_2243	ppm	1.145	0.0142	1.242	1.155	1.135
Si2516	251.611 {1	Y_3710	ppm	0.9235	0.0224	2.422	0.9394	0.9077
Sn1899	189.989 {4	In2306	ppm	0.9597	0.0118	1.228	0.968	0.9513
Sr4215	421.552 { 8	Y_3710	ppm	0.5845	0.0066	1.126	0.5892	0.5798
Ti3349	334.904 {1	Y_3600	ppm	0.8682	0.0021	0.2475	0.8697	0.8666
Tl1908	190.856 {4	In2306	ppm	0.8945	0.0198	2.214	0.9085	0.8805
V_2924	292.402 {1	Y_3600	ppm	0.8464	0.0051	0.5973	0.85	0.8428
Zn2062	206.200 {4	In2306	ppm	1.01	0.0126	1.248	1.019	1.001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	46.226	0.22491	0.48655	46.067	46.385
In2306	230.606 {4	Cts/S	6605.8	22.635	0.34266	6589.8	6621.8
Y_2243	224.306 {4	Cts/S	10969	32.182	0.29339	10946	10992
Y_3600	360.073 { 9	Cts/S	48588	163.91	0.33735	48704	48472
Y_3710	371.030 { 9	Cts/S	6776.6	60.129	0.8873	6734.1	6819.1

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 17:10:43
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2292	0.0008	0.3316	0.2297	0.2286
Al3082	308.215 {1	In2306	ppm	2.617	0.0672	2.567	2.665	2.57
As1890	189.042 {4	Y_2243	ppm	0.5369	0.003	0.5639	0.5391	0.5348
B_2496	249.678 {1	Y_3710	ppm	0.4703	0.0051	1.089	0.4666	0.4739
Ba4554	455.403 { 7	Y_3710	ppm	0.4967	0.0002	0.0321	0.4966	0.4968
Be3130	313.042 {1	Y_3710	ppm	0.4774	0.0006	0.1269	0.477	0.4778
Ca3158	315.887 {1	In2306	ppm	12.51	0.1355	1.083	12.61	12.42
Ca3181	318.128 {1	In2306	ppm	12.11	0.0682	0.5633	12.16	12.07
Cd2288	228.802 {4	Y_2243	ppm	0.5064	0.0009	0.1846	0.507	0.5057
Co2286	228.616 {4	In2306	ppm	0.4906	0.0019	0.3907	0.4892	0.4919
Cr2677	267.716 {1	Y_3600	ppm	0.4394	0.0025	0.563	0.4377	0.4412
Cu3247	324.754 {1	Y_3600	ppm	0.4523	0.002	0.4425	0.4538	0.4509
Fe2404	240.488 {1	In2306	ppm	2.398	0.0174	0.7239	2.411	2.386
K_7664	766.490 { 4	Y_3710	ppm	13.54	0.0154	0.114	13.53	13.55
K_7698	769.896 { 4	Y_3710	ppm	13.86	0.0193	0.1394	13.84	13.87
Li6707	670.784 { 5	Y_3710	ppm	0.5794	0.0022	0.3843	0.581	0.5778
Mg2790	279.079 {1	Y_3710	ppm	4.566	0.0613	1.343	4.522	4.609
Mn2576	257.610 {1	Y_3600	ppm	0.4466	0.0003	0.0746	0.4468	0.4464
Mn2576-2	257.610 {1	Y_3710	ppm	0.4791	0.0023	0.4814	0.4807	0.4775
Mo2020	202.030 {4	Y_2243	ppm	0.5651	0.0003	0.0585	0.5653	0.5648
Na5895	589.592 { 5	Y_3710	ppm	13.93	0.0156	0.1118	13.94	13.92
Na8183	818.326 { 4	Y_3710	ppm	13.12	0.0125	0.0955	13.13	13.11
Ni2316	231.604 {4	In2306	ppm	0.5197	0.0016	0.3113	0.5185	0.5208
P_1782	178.284 {4	In2306	ppm	0.0025	0.004	159.2	-0.0003	0.0053
Pb2203	220.353 {4	In2306	ppm	0.5073	0.0006	0.1255	0.5069	0.5078
S_1820	182.034 {4	Y_2243	ppm	-25.01	0.2894	1.157	-25.21	-24.8
Sb2068	206.833 {4	Y_2243	ppm	0.5542	0.0001	0.0178	0.5541	0.5542
Se1960	196.090 {4	Y_2243	ppm	0.5639	0.0007	0.1248	0.5634	0.5644
Si2516	251.611 {1	Y_3710	ppm	0.7505	0.0052	0.6971	0.7542	0.7468
Sn1899	189.989 {4	In2306	ppm	0.4802	0.0033	0.6846	0.4778	0.4825
Sr4215	421.552 { 8	Y_3710	ppm	0.2662	0	0.0052	0.2662	0.2661
Ti3349	334.904 {1	Y_3600	ppm	0.4159	0.0019	0.4456	0.4146	0.4172
Tl1908	190.856 {4	In2306	ppm	0.4787	0.0047	0.9846	0.482	0.4753
V_2924	292.402 {1	Y_3600	ppm	0.412	0.0017	0.4173	0.4132	0.4108
Zn2062	206.200 {4	In2306	ppm	0.4841	0.0024	0.4948	0.4824	0.4858

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.207	0.13145	0.26181	50.114	50.3
In2306	230.606 {4	Cts/S	8803.3	56.12	0.63748	8843	8763.6
Y_2243	224.306 {4	Cts/S	12552	16.618	0.13239	12564	12540
Y_3600	360.073 { 9	Cts/S	50655	71.799	0.14174	50605	50706
Y_3710	371.030 { 9	Cts/S	7878.1	25.265	0.32069	7896	7860.2

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 17:13:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0004	361.3	-0.0002	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0059	0.0013	22.79	-0.0049	-0.0068
As1890	189.042 {4	Y_2243	ppm	0.0036	0.0044	123.9	0.0004	0.0067
B_2496	249.678 {1	Y_3710	ppm	-0.0142	0.0028	19.98	-0.0162	-0.0122
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	581.1	-0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	63.66	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0203	0.0116	56.95	-0.0285	-0.0121
Ca3181	318.128 {1	In2306	ppm	0.0463	0.1041	225.2	0.1199	-0.0274
Cd2288	228.802 {4	Y_2243	ppm	0.0032	0.004	126.5	0.0003	0.006
Co2286	228.616 {4	In2306	ppm	0.0036	0.0043	121.4	0.0005	0.0066
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0004	104.6	-0.0001	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0003	11.29	0.0022	0.0026
Fe2404	240.488 {1	In2306	ppm	0.0017	0.0046	276.9	0.0049	-0.0016
K_7664	766.490 { 4	Y_3710	ppm	0.0146	0.005	34.06	0.0181	0.0111
K_7698	769.896 { 4	Y_3710	ppm	-0.1545	0.0523	33.86	-0.1175	-0.1914
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0004	124.3	0	-0.0006
Mg2790	279.079 {1	Y_3710	ppm	0.003	0.0445	1501	-0.0285	0.0344
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	31.31	-0.0001	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0006	88.93	0.0011	0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0062	0.0061	98.47	0.0019	0.0105
Na5895	589.592 { 5	Y_3710	ppm	0.0434	0.0014	3.197	0.0444	0.0425
Na8183	818.326 { 4	Y_3710	ppm	-0.2788	0.0298	10.67	-0.2578	-0.2998
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0045	124.4	0.0004	0.0068
P_1782	178.284 {4	In2306	ppm	0.0011	0.0011	100.2	0.0003	0.0018
Pb2203	220.353 {4	In2306	ppm	0.0028	0.0035	125.2	0.0003	0.0053
S_1820	182.034 {4	Y_2243	ppm	-0.6329	0.047	7.424	-0.5997	-0.6662
Sb2068	206.833 {4	Y_2243	ppm	0.012	0.0045	37.69	0.0088	0.0152
Se1960	196.090 {4	Y_2243	ppm	0.0035	0.0027	78.61	0.0015	0.0054
Si2516	251.611 {1	Y_3710	ppm	-0.0171	0.0081	47.37	-0.0228	-0.0113
Sn1899	189.989 {4	In2306	ppm	0.0038	0.0048	124.1	0.0005	0.0072
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	80.4	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0	2.142	0.0003	0.0003
Tl1908	190.856 {4	In2306	ppm	0.0097	0.0078	80.48	0.0042	0.0152
V_2924	292.402 {1	Y_3600	ppm	0.0005	0	4.235	0.0006	0.0005
Zn2062	206.200 {4	In2306	ppm	0.0021	0.004	192.8	-0.0008	0.0049

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.952	0.84145	1.6514	51.547	50.357
In2306	230.606 {4	Cts/S	9396	5.0837	0.05411	9392.4	9399.5
Y_2243	224.306 {4	Cts/S	12715	49.584	0.38995	12680	12750
Y_3600	360.073 { 9	Cts/S	49115	156.6	0.31884	49226	49004
Y_3710	371.030 { 9	Cts/S	7936.3	31.081	0.39163	7914.3	7958.3

[Sample Header]
Method=ICP6500Metals_TRY3(v648)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 17:15:50
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0006	1362	0.0005	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0744	0.0159	21.37	0.0857	0.0632
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0005	264.9	-0.0006	0.0002
B_2496	249.678 {1	Y_3710	ppm	-0.0114	0.0055	48.28	-0.0075	-0.0153
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0003	109.4	0.0005	0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0003	0.0001	21.61	0.0004	0.0003
Ca3158	315.887 {1	In2306	ppm	0.0119	0.0128	107.6	0.021	0.0028
Ca3181	318.128 {1	In2306	ppm	0.07	0.0322	46.03	0.0472	0.0928
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	51.72	-0.0003	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0	8.622	0.0004	0.0004
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0007	259.6	0.0002	-0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0013	0	3.127	0.0013	0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0014	0.01	708.1	0.0057	-0.0085
K_7664	766.490 { 4	Y_3710	ppm	0.0179	0.0073	40.69	0.0127	0.023
K_7698	769.896 { 4	Y_3710	ppm	-0.4751	0.0119	2.512	-0.4667	-0.4835
Li6707	670.784 { 5	Y_3710	ppm	-0.0005	0.0001	13.34	-0.0004	-0.0005
Mg2790	279.079 {1	Y_3710	ppm	0.0415	0.0845	203.6	-0.0183	0.1012
Mn2576	257.610 {1	Y_3600	ppm	-0.0003	0	19.25	-0.0002	-0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0005	0.0002	46.2	-0.0003	-0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0003	151.9	0	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0467	0.0019	4.121	0.048	0.0453
Na8183	818.326 { 4	Y_3710	ppm	-0.0636	0.0434	68.23	-0.0943	-0.0329
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0003	472	-0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0001	8.057	-0.0009	-0.001
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0004	193.8	-0.0005	0.0001
S_1820	182.034 {4	Y_2243	ppm	-0.4919	0.0172	3.5	-0.5041	-0.4798
Sb2068	206.833 {4	Y_2243	ppm	-0.0027	0.001	37.36	-0.002	-0.0035
Se1960	196.090 {4	Y_2243	ppm	0.0018	0.0013	74.16	0.0027	0.0009
Si2516	251.611 {1	Y_3710	ppm	-0.0286	0.0045	15.67	-0.0318	-0.0255
Sn1899	189.989 {4	In2306	ppm	-0.0008	0	0.8624	-0.0008	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0002	286	-0.0002	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0	8.647	-0.0004	-0.0004
Tl1908	190.856 {4	In2306	ppm	0.0024	0.0004	15.67	0.0027	0.0021
V_2924	292.402 {1	Y_3600	ppm	0.0011	0.0002	21.21	0.001	0.0013
Zn2062	206.200 {4	In2306	ppm	-0.0012	0	1.769	-0.0013	-0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.442	0.80139	1.5282	53.009	51.875
In2306	230.606 {4	Cts/S	9649.3	3.9963	0.04142	9646.5	9652.1
Y_2243	224.306 {4	Cts/S	12872	22.596	0.17555	12856	12888
Y_3600	360.073 { 9	Cts/S	50835	35.395	0.06963	50860	50810
Y_3710	371.030 { 9	Cts/S	8215.7	115.77	1.4091	8297.6	8133.8

[Sample Header]
Method=ICP6500Metals_TRY3(v648)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/26/2012 17:18:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0	2.581	0.0006	0.0006
Al3082	308.215 {1	In2306	ppm	0.0064	0.0291	456	-0.0142	0.0269
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0006	34.54	0.0012	0.002
B_2496	249.678 {1	Y_3710	ppm	-0.0015	0.0086	565.6	0.0046	-0.0076
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0001	101.1	-0.0002	0
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	103100	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0248	0.0026	10.63	-0.0266	-0.0229
Ca3181	318.128 {1	In2306	ppm	0.0284	0.0024	8.594	0.0302	0.0267
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0	23.4	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	39.33	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0006	828.6	0.0005	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0016	0.0002	13.83	0.0014	0.0017
Fe2404	240.488 {1	In2306	ppm	0.0063	0.0169	268	-0.0057	0.0183
K_7664	766.490 { 4	Y_3710	ppm	0.0045	0.0022	47.46	0.003	0.0061
K_7698	769.896 { 4	Y_3710	ppm	-0.4631	0.0407	8.788	-0.4343	-0.4919
Li6707	670.784 { 5	Y_3710	ppm	-0.0007	0.0002	30.9	-0.0008	-0.0005
Mg2790	279.079 {1	Y_3710	ppm	0.0195	0.0375	191.9	-0.007	0.046
Mn2576	257.610 {1	Y_3600	ppm	-0.0002	0	9.322	-0.0002	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0003	134	0	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0	0	138.2	-0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.045	0.0026	5.793	0.0468	0.0432
Na8183	818.326 { 4	Y_3710	ppm	-0.1403	0.0149	10.59	-0.1508	-0.1298
Ni2316	231.604 {4	In2306	ppm	-0.0003	0.0003	92	-0.0001	-0.0005
P_1782	178.284 {4	In2306	ppm	-0.0021	0.0004	20.33	-0.0018	-0.0024
Pb2203	220.353 {4	In2306	ppm	-0.0004	0.0004	96.47	-0.0001	-0.0006
S_1820	182.034 {4	Y_2243	ppm	-0.2635	0.0176	6.682	-0.2759	-0.251
Sb2068	206.833 {4	Y_2243	ppm	-0.0034	0.0008	23.02	-0.0028	-0.0039
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0001	6.053	0.0016	0.0015
Si2516	251.611 {1	Y_3710	ppm	-0.0483	0.0139	28.87	-0.0384	-0.0581
Sn1899	189.989 {4	In2306	ppm	-0.0007	0	2.398	-0.0007	-0.0007
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	241.4	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.001	0.0002	17.41	-0.0009	-0.0011
Tl1908	190.856 {4	In2306	ppm	0.0024	0	1.755	0.0024	0.0024
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.001	196.8	-0.0002	0.0013
Zn2062	206.200 {4	In2306	ppm	-0.0016	0	0.3578	-0.0016	-0.0016

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.818	0.6048	1.1672	52.245	51.39
In2306	230.606 {4	Cts/S	9612.3	10.399	0.10818	9604.9	9619.6
Y_2243	224.306 {4	Cts/S	12796	46.128	0.3605	12763	12828
Y_3600	360.073 { 9	Cts/S	50614	161.95	0.31997	50728	50499
Y_3710	371.030 { 9	Cts/S	8153.1	24.721	0.30321	8170.5	8135.6

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 8:35:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0005	0.0001	23.62	0.0004	0.0006
Al3082	308.215	{1 In2306	ppm	0.0278	0.0196	70.39	0.014	0.0417
As1890	189.042	{4 Y_2243	ppm	-0.0007	0.0008	124.4	-0.0001	-0.0013
B_2496	249.678	{1 Y_3710	ppm	-0.0005	0.0001	19.63	-0.0006	-0.0004
Ba4554	455.403	{ 7 Y_3710	ppm	-0.0001	0.0001	113.1	-0.0001	0
Be3130	313.042	{1 Y_3710	ppm	0.0001	0	16.52	0.0001	0.0001
Ca3158	315.887	{1 In2306	ppm	0.0133	0.0062	46.84	0.0089	0.0176
Ca3181	318.128	{1 In2306	ppm	0.0105	0.0049	47.15	0.007	0.014
Cd2288	228.802	{4 Y_2243	ppm	-0.0001	0	1.058	-0.0001	-0.0001
Co2286	228.616	{4 In2306	ppm	-0.0001	0	3.765	-0.0001	-0.0001
Cr2677	267.716	{1 Y_3600	ppm	-0.0001	0.0001	102.8	-0.0001	0
Cu3247	324.754	{1 Y_3600	ppm	-0.0006	0.0001	21.1	-0.0007	-0.0005
Fe2404	240.488	{1 In2306	ppm	0.0014	0.0041	301	0.0042	-0.0015
K_7664	766.490	{ 4 Y_3710	ppm	-0.0302	0.0099	32.79	-0.0372	-0.0232
K_7698	769.896	{ 4 Y_3710	ppm	-0.0499	0.0396	79.42	-0.0779	-0.0219
Li6707	670.784	{ 5 Y_3710	ppm	0.0002	0.0004	148.9	0.0005	0
Mg2790	279.079	{1 Y_3710	ppm	-0.0136	0.005	36.76	-0.0101	-0.0171
Mn2576	257.610	{1 Y_3600	ppm	0.0001	0.0001	58.89	0.0001	0.0002
Mn2576-2	257.610	{1 Y_3710	ppm	-0.0002	0.0001	56.64	-0.0001	-0.0002
Mo2020	202.030	{4 Y_2243	ppm	0.0004	0.0001	31.97	0.0003	0.0005
Na5895	589.592	{ 5 Y_3710	ppm	-0.0412	0.005	12.13	-0.0376	-0.0447
Na8183	818.326	{ 4 Y_3710	ppm	-0.1181	0.0968	81.97	-0.1866	-0.0497
Ni2316	231.604	{4 In2306	ppm	0	0.0002	383.1	-0.0001	0.0001
P_1782	178.284	{4 In2306	ppm	-0.0041	0.0005	11.1	-0.0038	-0.0045
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0002	145.1	0.0003	0
S_1820	182.034	{4 Y_2243	ppm	-0.9209	0.0438	4.754	-0.9518	-0.8899
Sb2068	206.833	{4 Y_2243	ppm	0.0016	0.0001	7.407	0.0017	0.0015
Se1960	196.090	{4 Y_2243	ppm	0.0007	0	5.561	0.0007	0.0006
Si2516	251.611	{1 Y_3710	ppm	0.0294	0.014	47.77	0.0194	0.0393
Sn1899	189.989	{4 In2306	ppm	0.0003	0.0001	39.7	0.0002	0.0004
Sr4215	421.552	{ 8 Y_3710	ppm	0	0.0001	4121	-0.0001	0.0001
Ti3349	334.904	{1 Y_3600	ppm	-0.0003	0.0002	62.23	-0.0001	-0.0004
Tl1908	190.856	{4 In2306	ppm	0.0002	0.0007	368.4	-0.0003	0.0007
V_2924	292.402	{1 Y_3600	ppm	-0.0027	0.0005	17.67	-0.003	-0.0023
Zn2062	206.200	{4 In2306	ppm	0.0001	0	35.77	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	304.02	1.7906	0.58898	302.75	305.28
In2306	230.606	{4 Cts/S	10790	2.1854	0.02025	10791	10788
Y_2243	224.306	{4 Cts/S	13882	1.3148	0.00947	13881	13883
Y_3600	360.073	{ 9 Cts/S	59647	94.583	0.15857	59580	59713

Y_3710	371.030 {	ş	Cts/S	16149	17.572	0.10881	16137	16162

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 8:37:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0007	3262	0.0004	-0.0005
Al3082	308.215	{1	In2306	ppm	0.029	0.0064	22.25	0.0335	0.0244
As1890	189.042	{4	Y_2243	ppm	-0.0005	0.0005	97.89	-0.0002	-0.0009
B_2496	249.678	{1	Y_3710	ppm	0	0.0025	8292	-0.0018	0.0018
Ba4554	455.403	{ 7	Y_3710	ppm	0	0.0002	2315	0.0002	-0.0002
Be3130	313.042	{1	Y_3710	ppm	0	0	243.6	0	0
Ca3158	315.887	{1	In2306	ppm	0.0128	0.006	46.65	0.0086	0.0171
Ca3181	318.128	{1	In2306	ppm	-0.0179	0.0032	17.78	-0.0201	-0.0156
Cd2288	228.802	{4	Y_2243	ppm	0	0	41.74	0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0001	0.0001	187.1	0.0001	0
Cr2677	267.716	{1	Y_3600	ppm	-0.0001	0.0001	100.1	-0.0002	0
Cu3247	324.754	{1	Y_3600	ppm	-0.0002	0.0001	89.67	-0.0003	-0.0001
Fe2404	240.488	{1	In2306	ppm	-0.0005	0.0038	721.6	-0.0032	0.0022
K_7664	766.490	{ 4	Y_3710	ppm	-0.0246	0.0081	32.77	-0.0189	-0.0303
K_7698	769.896	{ 4	Y_3710	ppm	-0.0518	0.0515	99.35	-0.0154	-0.0882
Li6707	670.784	{ 5	Y_3710	ppm	0.0002	0	6.352	0.0002	0.0002
Mg2790	279.079	{1	Y_3710	ppm	-0.0186	0.0249	133.9	-0.0363	-0.001
Mn2576	257.610	{1	Y_3600	ppm	0.0001	0	27.58	0.0001	0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0001	0	50.77	-0.0001	-0.0001
Mo2020	202.030	{4	Y_2243	ppm	0.0003	0.0001	39.17	0.0004	0.0002
Na5895	589.592	{ 5	Y_3710	ppm	-0.0426	0.0026	6.062	-0.0408	-0.0445
Na8183	818.326	{ 4	Y_3710	ppm	-0.0456	0.0002	0.3353	-0.0458	-0.0455
Ni2316	231.604	{4	In2306	ppm	0.0001	0.0005	869.5	-0.0003	0.0004
P_1782	178.284	{4	In2306	ppm	-0.005	0.0005	10.75	-0.0053	-0.0046
Pb2203	220.353	{4	In2306	ppm	-0.0002	0.0007	420.8	-0.0007	0.0003
S_1820	182.034	{4	Y_2243	ppm	-0.5413	0.1013	18.71	-0.613	-0.4697
Sb2068	206.833	{4	Y_2243	ppm	-0.0003	0.001	365.2	-0.001	0.0005
Se1960	196.090	{4	Y_2243	ppm	0.0009	0.0011	127	0.0017	0.0001
Si2516	251.611	{1	Y_3710	ppm	0.0088	0.0052	59.69	0.0051	0.0125
Sn1899	189.989	{4	In2306	ppm	0.0002	0.0001	29.97	0.0003	0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	0	0	1601	0	0
Ti3349	334.904	{1	Y_3600	ppm	-0.0005	0.0001	22.99	-0.0004	-0.0006
Tl1908	190.856	{4	In2306	ppm	0	0.0006	6543	-0.0005	0.0004
V_2924	292.402	{1	Y_3600	ppm	-0.003	0.0003	10.39	-0.0028	-0.0032
Zn2062	206.200	{4	In2306	ppm	0.0001	0.0001	67.4	0.0001	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	313.84	3.099	0.98742	311.65	316.04
In2306	230.606	{4	Cts/S	10712	40.408	0.37723	10740	10683
Y_2243	224.306	{4	Cts/S	13771	50.598	0.36742	13807	13735
Y_3600	360.073	{ 9	Cts/S	59612	339.14	0.5689	59852	59373

Y_3710	371.030 { 9	Cts/S	16194	140.04	0.86473	16095	16293	

[Sample Header]
Method=ICP6500Metals_TRY3(v655)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 8:40:37
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0001	0.0001	174.4	0.0002	0
Al3082	308.215 {1	In2306	Cts/S	0.0377	0.0008	2.008	0.0383	0.0372
As1890	189.042 {4	Y_2243	Cts/S	-0.0001	0	54.36	-0.0001	-0.0001
B_2496	249.678 {1	Y_3710	Cts/S	0	0	141.4	0	0
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0027	0.0001	3.708	0.0028	0.0027
Be3130	313.042 {1	Y_3710	Cts/S	-0.0001	0	19.46	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	Cts/S	-0.0356	0.0124	34.7	-0.0269	-0.0444
Ca3181	318.128 {1	In2306	Cts/S	-0.0143	0.0017	11.7	-0.0155	-0.0131
Cd2288	228.802 {4	Y_2243	Cts/S	0.0003	0	6.871	0.0003	0.0003
Co2286	228.616 {4	In2306	Cts/S	-0.0002	0.0001	42.23	-0.0002	-0.0003
Cr2677	267.716 {1	Y_3600	Cts/S	0	0	431.5	0	0
Cu3247	324.754 {1	Y_3600	Cts/S	0.0054	0.0001	1.258	0.0055	0.0054
Fe2404	240.488 {1	In2306	Cts/S	0.0031	0.0019	62.87	0.0044	0.0017
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0006	0.001	171	-0.0012	0.0001
K_7698	769.896 { 4	Y_3710	Cts/S	0.0132	0.0003	2.473	0.013	0.0134
Li6707	670.784 { 5	Y_3710	Cts/S	0.0008	0.0008	95.99	0.0003	0.0014
Mg2790	279.079 {1	Y_3710	Cts/S	-0.0002	0.0001	27.65	-0.0002	-0.0002
Mn2576	257.610 {1	Y_3600	Cts/S	0.0002	0.0001	38.26	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0001	0	60.68	0.0001	0
Mo2020	202.030 {4	Y_2243	Cts/S	0	0	73.96	0	0.0001
Na5895	589.592 { 5	Y_3710	Cts/S	0.0064	0.0001	2.307	0.0065	0.0063
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0044	0.0004	8.533	-0.0047	-0.0042
Ni2316	231.604 {4	In2306	Cts/S	0	0.0001	140.4	0	-0.0001
P_1782	178.284 {4	In2306	Cts/S	0.0004	0	7.014	0.0004	0.0004
Pb2203	220.353 {4	In2306	Cts/S	-0.0002	0	0.246	-0.0002	-0.0002
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	1.889	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	-0.0001	0	22.32	-0.0001	-0.0001
Se1960	196.090 {4	Y_2243	Cts/S	0	0	56.61	0	0
Si2516	251.611 {1	Y_3710	Cts/S	0.0004	0.0001	23.24	0.0003	0.0005
Sn1899	189.989 {4	In2306	Cts/S	0.0001	0	45.56	0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	Cts/S	-0.0004	0.0002	42.42	-0.0003	-0.0005
Ti3349	334.904 {1	Y_3600	Cts/S	0	0	590.9	0	0
Tl1908	190.856 {4	In2306	Cts/S	-0.0001	0	39.7	-0.0001	-0.0001
V_2924	292.402 {1	Y_3600	Cts/S	-0.0021	0	1.883	-0.0021	-0.0021
Zn2062	206.200 {4	In2306	Cts/S	0.0006	0	3.895	0.0006	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	310.47	3.0223	0.97347	308.33	312.6
In2306	230.606 {4	Cts/S	10650	27.568	0.25885	10631	10670
Y_2243	224.306 {4	Cts/S	13742	51.216	0.37271	13706	13778

Y_3600	360.073 { 9	Cts/S	59609	549.26	0.92144	59998	59221
Y_3710	371.030 { 9	Cts/S	16179	20.196	0.12483	16165	16193

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 8:43:14
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0093	0.0001	1.225	0.0092	0.0094
Al3082	308.215 {1	In2306	Cts/S	0.3666	0.0194	5.289	0.3529	0.3803
As1890	189.042 {4	Y_2243	Cts/S	0.0071	0.0001	1.365	0.0072	0.007
B_2496	249.678 {1	Y_3710	Cts/S	0.0039	0.0002	6.044	0.0037	0.004
Ba4554	455.403 { 7	Y_3710	Cts/S	0.3303	0.0169	5.126	0.3183	0.3422
Be3130	313.042 {1	Y_3710	Cts/S	0.1719	0.0079	4.599	0.1663	0.1775
Ca3158	315.887 {1	In2306	Cts/S	1.02	0.0471	4.621	0.9864	1.053
Ca3181	318.128 {1	In2306	Cts/S	0.2098	0.012	5.716	0.2013	0.2183
Cd2288	228.802 {4	Y_2243	Cts/S	0.0499	0.0005	0.9089	0.0502	0.0495
Co2286	228.616 {4	In2306	Cts/S	0.0838	0.0003	0.3824	0.084	0.0836
Cr2677	267.716 {1	Y_3600	Cts/S	0.0128	0.0001	0.9473	0.0129	0.0127
Cu3247	324.754 {1	Y_3600	Cts/S	0.0333	0.0002	0.6063	0.0331	0.0334
Fe2404	240.488 {1	In2306	Cts/S	1.161	0.0562	4.842	1.122	1.201
K_7664	766.490 { 4	Y_3710	Cts/S	0.0628	0.0034	5.341	0.0604	0.0651
K_7698	769.896 { 4	Y_3710	Cts/S	0.04	0.0026	6.605	0.0382	0.0419
Li6707	670.784 { 5	Y_3710	Cts/S	0.2467	0.0164	6.628	0.2351	0.2583
Mg2790	279.079 {1	Y_3710	Cts/S	0.0053	0.0001	1.383	0.0052	0.0053
Mn2576	257.610 {1	Y_3600	Cts/S	0.0887	0	0.0428	0.0887	0.0887
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0268	0.0015	5.568	0.0257	0.0279
Mo2020	202.030 {4	Y_2243	Cts/S	0.0352	0.0003	0.854	0.0354	0.035
Na5895	589.592 { 5	Y_3710	Cts/S	0.2193	0.0128	5.833	0.2103	0.2284
Na8183	818.326 { 4	Y_3710	Cts/S	0.0039	0.003	76.19	0.0018	0.006
Ni2316	231.604 {4	In2306	Cts/S	0.0464	0.0003	0.7415	0.0466	0.0461
P_1782	178.284 {4	In2306	Cts/S	0.0063	0	0.3726	0.0063	0.0063
Pb2203	220.353 {4	In2306	Cts/S	0.0148	0.0001	0.3479	0.0147	0.0148
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	0.7831	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0056	0.0001	2.156	0.0057	0.0055
Se1960	196.090 {4	Y_2243	Cts/S	0.0046	0	0.7846	0.0046	0.0046
Si2516	251.611 {1	Y_3710	Cts/S	0.0022	0.0003	12.58	0.002	0.0024
Sn1899	189.989 {4	In2306	Cts/S	0.0211	0.0002	1.087	0.0213	0.021
Sr4215	421.552 { 8	Y_3710	Cts/S	0.211	0.0113	5.377	0.2029	0.219
Ti3349	334.904 {1	Y_3600	Cts/S	0.0185	0.0002	0.8121	0.0186	0.0184
Tl1908	190.856 {4	In2306	Cts/S	0.0064	0.0001	0.9934	0.0064	0.0063
V_2924	292.402 {1	Y_3600	Cts/S	0.0157	0.0001	0.4858	0.0157	0.0156
Zn2062	206.200 {4	In2306	Cts/S	0.1044	0.0006	0.5798	0.1048	0.1039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	323.74	14.011	4.328	333.64	313.83
In2306	230.606 {4	Cts/S	10541	22.493	0.21338	10525	10557

Y_2243	224.306 {4	Cts/S	13764	28.957	0.21038	13744	13785
Y_3600	360.073 { 9	Cts/S	59948	44.835	0.07479	59979	59916
Y_3710	371.030 { 9	Cts/S	16712	634.12	3.7945	17160	16263

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 8:45:45
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0188	0.0002	1.07	0.0187	0.019
Al3082	308.215 {1	In2306	Cts/S	0.6931	0.0029	0.4209	0.6911	0.6952
As1890	189.042 {4	Y_2243	Cts/S	0.0142	0.0001	0.6446	0.0141	0.0143
B_2496	249.678 {1	Y_3710	Cts/S	0.008	0.0001	1.792	0.0079	0.0081
Ba4554	455.403 { 7	Y_3710	Cts/S	0.6764	0.0026	0.3892	0.6746	0.6783
Be3130	313.042 {1	Y_3710	Cts/S	0.3565	0.0001	0.0415	0.3564	0.3566
Ca3158	315.887 {1	In2306	Cts/S	2.179	0.0264	1.213	2.198	2.161
Ca3181	318.128 {1	In2306	Cts/S	0.4636	0.0145	3.136	0.4739	0.4533
Cd2288	228.802 {4	Y_2243	Cts/S	0.1003	0	0.0351	0.1004	0.1003
Co2286	228.616 {4	In2306	Cts/S	0.1702	0.001	0.5791	0.1709	0.1695
Cr2677	267.716 {1	Y_3600	Cts/S	0.0255	0	0.0577	0.0255	0.0255
Cu3247	324.754 {1	Y_3600	Cts/S	0.0609	0.0002	0.2802	0.061	0.0608
Fe2404	240.488 {1	In2306	Cts/S	2.431	0.0012	0.0494	2.432	2.43
K_7664	766.490 { 4	Y_3710	Cts/S	0.1241	0.001	0.7967	0.1234	0.1248
K_7698	769.896 { 4	Y_3710	Cts/S	0.066	0.0006	0.8439	0.0656	0.0664
Li6707	670.784 { 5	Y_3710	Cts/S	0.496	0.0121	2.43	0.4875	0.5045
Mg2790	279.079 {1	Y_3710	Cts/S	0.011	0.0001	1.361	0.0111	0.0109
Mn2576	257.610 {1	Y_3600	Cts/S	0.1768	0.0001	0.0639	0.1767	0.1769
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0559	0	0.0869	0.0559	0.0558
Mo2020	202.030 {4	Y_2243	Cts/S	0.0711	0.0004	0.5609	0.0714	0.0708
Na5895	589.592 { 5	Y_3710	Cts/S	0.4329	0.0085	1.964	0.4268	0.4389
Na8183	818.326 { 4	Y_3710	Cts/S	0.0139	0.0005	3.806	0.0135	0.0143
Ni2316	231.604 {4	In2306	Cts/S	0.0936	0.0006	0.6	0.094	0.0932
P_1782	178.284 {4	In2306	Cts/S	0.0127	0.0001	0.8952	0.0128	0.0126
Pb2203	220.353 {4	In2306	Cts/S	0.03	0.0005	1.547	0.0304	0.0297
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	1.374	-0.0005	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0113	0	0.1918	0.0113	0.0113
Se1960	196.090 {4	Y_2243	Cts/S	0.0092	0	0.2338	0.0092	0.0092
Si2516	251.611 {1	Y_3710	Cts/S	0.0043	0.0001	2.005	0.0042	0.0043
Sn1899	189.989 {4	In2306	Cts/S	0.0431	0.0001	0.3218	0.0432	0.043
Sr4215	421.552 { 8	Y_3710	Cts/S	0.4306	0.0051	1.177	0.427	0.4341
Ti3349	334.904 {1	Y_3600	Cts/S	0.038	0.0001	0.1343	0.0381	0.038
Tl1908	190.856 {4	In2306	Cts/S	0.0133	0.0002	1.624	0.0134	0.0131
V_2924	292.402 {1	Y_3600	Cts/S	0.0337	0.0001	0.3248	0.0338	0.0336
Zn2062	206.200 {4	In2306	Cts/S	0.2121	0.0008	0.3726	0.2127	0.2115

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	317.75	2.6782	0.84286	319.65	315.86

In2306	230.606 {4	Cts/S	10416	0.89243	0.00857	10417	10416
Y_2243	224.306 {4	Cts/S	13763	29.338	0.21317	13784	13742
Y_3600	360.073 { 9	Cts/S	60051	29.873	0.04975	60072	60030
Y_3710	371.030 { 9	Cts/S	16382	34.883	0.21294	16406	16357

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 8:48:14
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0376	0.0005	1.406	0.0379	0.0372
Al3082	308.215 {1	In2306	Cts/S	1.382	0.0015	0.1081	1.38	1.383
As1890	189.042 {4	Y_2243	Cts/S	0.0283	0.0002	0.8821	0.0285	0.0282
B_2496	249.678 {1	Y_3710	Cts/S	0.0165	0	0.1182	0.0165	0.0165
Ba4554	455.403 { 7	Y_3710	Cts/S	1.378	0.0043	0.3131	1.381	1.375
Be3130	313.042 {1	Y_3710	Cts/S	0.7174	0.0024	0.3336	0.7191	0.7157
Ca3158	315.887 {1	In2306	Cts/S	4.266	0.0053	0.1239	4.262	4.269
Ca3181	318.128 {1	In2306	Cts/S	0.9291	0.0111	1.2	0.937	0.9213
Cd2288	228.802 {4	Y_2243	Cts/S	0.1963	0	0.0211	0.1963	0.1963
Co2286	228.616 {4	In2306	Cts/S	0.3381	0.0011	0.3286	0.3388	0.3373
Cr2677	267.716 {1	Y_3600	Cts/S	0.0509	0.0008	1.555	0.0514	0.0503
Cu3247	324.754 {1	Y_3600	Cts/S	0.1181	0.0005	0.4536	0.1177	0.1185
Fe2404	240.488 {1	In2306	Cts/S	4.802	0.0117	0.244	4.811	4.794
K_7664	766.490 { 4	Y_3710	Cts/S	0.2673	0.0003	0.1	0.2675	0.2671
K_7698	769.896 { 4	Y_3710	Cts/S	0.1268	0.0002	0.1229	0.1267	0.1269
Li6707	670.784 { 5	Y_3710	Cts/S	1.081	0.0035	0.3256	1.083	1.078
Mg2790	279.079 {1	Y_3710	Cts/S	0.0224	0.0001	0.4122	0.0225	0.0224
Mn2576	257.610 {1	Y_3600	Cts/S	0.3502	0.0015	0.4315	0.3491	0.3513
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1115	0.0003	0.2565	0.1113	0.1117
Mo2020	202.030 {4	Y_2243	Cts/S	0.1394	0.0006	0.4182	0.1398	0.1389
Na5895	589.592 { 5	Y_3710	Cts/S	0.9212	0.0019	0.2103	0.9225	0.9198
Na8183	818.326 { 4	Y_3710	Cts/S	0.0381	0.0006	1.667	0.0377	0.0386
Ni2316	231.604 {4	In2306	Cts/S	0.1858	0.0007	0.363	0.1863	0.1854
P_1782	178.284 {4	In2306	Cts/S	0.0254	0.0001	0.5195	0.0254	0.0253
Pb2203	220.353 {4	In2306	Cts/S	0.0596	0.0006	0.9279	0.06	0.0592
S_1820	182.034 {4	Y_2243	Cts/S	-0.0006	0	6.345	-0.0006	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0225	0	0.0773	0.0225	0.0225
Se1960	196.090 {4	Y_2243	Cts/S	0.0182	0	0.0313	0.0182	0.0182
Si2516	251.611 {1	Y_3710	Cts/S	0.0083	0.0005	5.472	0.0079	0.0086
Sn1899	189.989 {4	In2306	Cts/S	0.0852	0.0002	0.2065	0.0853	0.0851
Sr4215	421.552 { 8	Y_3710	Cts/S	0.8835	0.0029	0.3279	0.8855	0.8814
Ti3349	334.904 {1	Y_3600	Cts/S	0.0754	0.0004	0.5004	0.0757	0.0751
Tl1908	190.856 {4	In2306	Cts/S	0.026	0.0007	2.506	0.0265	0.0255
V_2924	292.402 {1	Y_3600	Cts/S	0.0691	0.0006	0.7988	0.0687	0.0694
Zn2062	206.200 {4	In2306	Cts/S	0.4207	0.0024	0.5594	0.4224	0.4191

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	314	0.05204	0.01657	313.96	314.04
In2306	230.606 {4	Cts/S	10287	88.531	0.86065	10349	10224
Y_2243	224.306 {4	Cts/S	13758	136.02	0.98868	13854	13662
Y_3600	360.073 { 9	Cts/S	60421	118.87	0.19675	60505	60337
Y_3710	371.030 { 9	Cts/S	16078	9.7477	0.06063	16071	16085

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 8:50:39
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0751	0.0001	0.1714	0.075	0.0752
Al3082	308.215 {1	In2306	Cts/S	2.769	0.0104	0.3739	2.761	2.776
As1890	189.042 {4	Y_2243	Cts/S	0.0575	0.0002	0.4229	0.0577	0.0574
B_2496	249.678 {1	Y_3710	Cts/S	0.0331	0.0001	0.2022	0.0331	0.0331
Ba4554	455.403 { 7	Y_3710	Cts/S	2.782	0.0054	0.1944	2.785	2.778
Be3130	313.042 {1	Y_3710	Cts/S	1.445	0.0072	0.4995	1.45	1.44
Ca3158	315.887 {1	In2306	Cts/S	8.6	0.0364	0.4237	8.574	8.626
Ca3181	318.128 {1	In2306	Cts/S	1.868	0.0069	0.3711	1.863	1.873
Cd2288	228.802 {4	Y_2243	Cts/S	0.4003	0.0024	0.6083	0.4021	0.3986
Co2286	228.616 {4	In2306	Cts/S	0.6925	0.0033	0.4711	0.6948	0.6902
Cr2677	267.716 {1	Y_3600	Cts/S	0.1027	0.0004	0.3423	0.1029	0.1024
Cu3247	324.754 {1	Y_3600	Cts/S	0.2326	0.0003	0.1372	0.2329	0.2324
Fe2404	240.488 {1	In2306	Cts/S	9.615	0.0616	0.6404	9.571	9.659
K_7664	766.490 { 4	Y_3710	Cts/S	0.5405	0.0037	0.6799	0.5431	0.5379
K_7698	769.896 { 4	Y_3710	Cts/S	0.2418	0.0021	0.8746	0.2432	0.2403
Li6707	670.784 { 5	Y_3710	Cts/S	2.178	0.0136	0.6229	2.187	2.168
Mg2790	279.079 {1	Y_3710	Cts/S	0.0453	0.0001	0.1957	0.0454	0.0452
Mn2576	257.610 {1	Y_3600	Cts/S	0.7014	0.0007	0.0991	0.7009	0.7019
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2228	0.0007	0.3187	0.2233	0.2223
Mo2020	202.030 {4	Y_2243	Cts/S	0.2808	0.0028	1.002	0.2828	0.2788
Na5895	589.592 { 5	Y_3710	Cts/S	1.85	0.0129	0.6975	1.859	1.84
Na8183	818.326 { 4	Y_3710	Cts/S	0.0795	0.0019	2.409	0.0809	0.0782
Ni2316	231.604 {4	In2306	Cts/S	0.3787	0.0017	0.4425	0.3799	0.3775
P_1782	178.284 {4	In2306	Cts/S	0.0528	0.0004	0.7051	0.0531	0.0526
Pb2203	220.353 {4	In2306	Cts/S	0.1211	0.0001	0.0929	0.1211	0.121
S_1820	182.034 {4	Y_2243	Cts/S	-0.0005	0	0.58	-0.0005	-0.0006
Sb2068	206.833 {4	Y_2243	Cts/S	0.0464	0.0006	1.29	0.0468	0.046
Se1960	196.090 {4	Y_2243	Cts/S	0.0371	0.0002	0.5129	0.0372	0.037
Si2516	251.611 {1	Y_3710	Cts/S	0.0162	0.0004	2.25	0.0159	0.0164
Sn1899	189.989 {4	In2306	Cts/S	0.1756	0.0006	0.3428	0.176	0.1752
Sr4215	421.552 { 8	Y_3710	Cts/S	1.77	0.0076	0.4316	1.776	1.765
Ti3349	334.904 {1	Y_3600	Cts/S	0.1536	0.0005	0.333	0.154	0.1532
Tl1908	190.856 {4	In2306	Cts/S	0.0544	0.0008	1.402	0.055	0.0539
V_2924	292.402 {1	Y_3600	Cts/S	0.1412	0.0001	0.0703	0.1412	0.1413
Zn2062	206.200 {4	In2306	Cts/S	0.8652	0.001	0.1136	0.8659	0.8645

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	314.57	1.4028	0.44596	315.56	313.58
In2306	230.606 {4	Cts/S	9997.9	61.865	0.61878	9954.2	10042
Y_2243	224.306 {4	Cts/S	13648	101.06	0.74046	13577	13719
Y_3600	360.073 { 9	Cts/S	60326	65.569	0.10869	60280	60373
Y_3710	371.030 { 9	Cts/S	16062	47.797	0.29758	16028	16096

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Custom ID2=
Custom ID3=
Run Time=1/31/2012 8:53:01
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1517	0.0001	0.0584	0.1516	0.1517
Al3082	308.215 {1	In2306	Cts/S	5.427	0.0236	0.4354	5.444	5.411
As1890	189.042 {4	Y_2243	Cts/S	0.1161	0.0006	0.5262	0.1166	0.1157
B_2496	249.678 {1	Y_3710	Cts/S	0.0653	0.0001	0.1587	0.0652	0.0654
Ba4554	455.403 { 7	Y_3710	Cts/S	5.531	0.0329	0.5949	5.554	5.507
Be3130	313.042 {1	Y_3710	Cts/S	2.861	0.0043	0.1492	2.858	2.864
Ca3158	315.887 {1	In2306	Cts/S	17.41	0.2742	1.575	17.21	17.6
Ca3181	318.128 {1	In2306	Cts/S	3.796	0.0694	1.829	3.746	3.845
Cd2288	228.802 {4	Y_2243	Cts/S	0.7992	0.0039	0.489	0.802	0.7965
Co2286	228.616 {4	In2306	Cts/S	1.393	0.0085	0.6097	1.399	1.387
Cr2677	267.716 {1	Y_3600	Cts/S	0.204	0.0007	0.3555	0.2035	0.2045
Cu3247	324.754 {1	Y_3600	Cts/S	0.4735	0.0001	0.0178	0.4736	0.4734
Fe2404	240.488 {1	In2306	Cts/S	19.28	0.1973	1.023	19.14	19.42
K_7664	766.490 { 4	Y_3710	Cts/S	1.056	0.0133	1.261	1.065	1.047
K_7698	769.896 { 4	Y_3710	Cts/S	0.4607	0.005	1.089	0.4643	0.4572
Li6707	670.784 { 5	Y_3710	Cts/S	4.191	0.0991	2.366	4.261	4.121
Mg2790	279.079 {1	Y_3710	Cts/S	0.0911	0.0006	0.635	0.0906	0.0915
Mn2576	257.610 {1	Y_3600	Cts/S	1.392	0.0016	0.1141	1.393	1.391
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.446	0.0033	0.7406	0.4437	0.4483
Mo2020	202.030 {4	Y_2243	Cts/S	0.5547	0.0044	0.7983	0.5579	0.5516
Na5895	589.592 { 5	Y_3710	Cts/S	3.574	0.0615	1.721	3.618	3.531
Na8183	818.326 { 4	Y_3710	Cts/S	0.1616	0.0028	1.702	0.1635	0.1596
Ni2316	231.604 {4	In2306	Cts/S	0.7607	0.0058	0.7648	0.7648	0.7566
P_1782	178.284 {4	In2306	Cts/S	0.1082	0.0006	0.5689	0.1086	0.1078
Pb2203	220.353 {4	In2306	Cts/S	0.2435	0.0019	0.776	0.2448	0.2422
Sb2068	206.833 {4	Y_2243	Cts/S	0.0928	0.0007	0.7191	0.0932	0.0923
Se1960	196.090 {4	Y_2243	Cts/S	0.0744	0.0005	0.6221	0.0747	0.074
Si2516	251.611 {1	Y_3710	Cts/S	0.0325	0.001	3.001	0.0319	0.0332
Sn1899	189.989 {4	In2306	Cts/S	0.3535	0.0021	0.5897	0.355	0.352
Sr4215	421.552 { 8	Y_3710	Cts/S	3.505	0.0187	0.5332	3.518	3.492
Ti3349	334.904 {1	Y_3600	Cts/S	0.3082	0.0002	0.0506	0.3083	0.3081
Tl1908	190.856 {4	In2306	Cts/S	0.1084	0.0015	1.339	0.1094	0.1074
V_2924	292.402 {1	Y_3600	Cts/S	0.2852	0.0007	0.2474	0.2857	0.2847
Zn2062	206.200 {4	In2306	Cts/S	1.76	0.0118	0.6713	1.768	1.751

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	313	1.3799	0.44087	312.03	313.98
In2306	230.606 {4	Cts/S	9648.6	24.261	0.25144	9631.4	9665.7
Y_2243	224.306 {4	Cts/S	13477	30.025	0.22278	13456	13499
Y_3600	360.073 { 9	Cts/S	60067	13.405	0.02232	60057	60076
Y_3710	371.030 { 9	Cts/S	16064	76.325	0.47513	16010	16118

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Custom ID2=
Custom ID3=
Run Time=1/31/2012 8:55:24
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2421	0.0032	1.338	0.2444	0.2398
Al3082	308.215 {1	In2306	ppm	2.417	0.0124	0.5114	2.408	2.426
As1890	189.042 {4	Y_2243	ppm	0.4933	0.0002	0.042	0.4934	0.4931
B_2496	249.678 {1	Y_3710	ppm	0.4881	0.0052	1.066	0.4844	0.4918
Ba4554	455.403 { 7	Y_3710	ppm	0.4819	0.0068	1.421	0.4771	0.4868
Be3130	313.042 {1	Y_3710	ppm	0.497	0.0031	0.6316	0.4947	0.4992
Ca3158	315.887 {1	In2306	ppm	12.16	0.1428	1.175	12.06	12.26
Ca3181	318.128 {1	In2306	ppm	12.21	0.1038	0.8499	12.14	12.29
Cd2288	228.802 {4	Y_2243	ppm	0.4924	0.0019	0.3848	0.491	0.4937
Co2286	228.616 {4	In2306	ppm	0.4941	0.0028	0.5625	0.4922	0.4961
Cr2677	267.716 {1	Y_3600	ppm	0.4903	0.005	1.026	0.4939	0.4868
Cu3247	324.754 {1	Y_3600	ppm	0.4776	0.0039	0.8081	0.4804	0.4749
Fe2404	240.488 {1	In2306	ppm	2.457	0.0221	0.8977	2.442	2.473
K_7664	766.490 { 4	Y_3710	ppm	12.38	0.1013	0.8181	12.31	12.46
K_7698	769.896 { 4	Y_3710	ppm	12.32	0.1462	1.187	12.21	12.42
Li6707	670.784 { 5	Y_3710	ppm	0.4902	0.009	1.826	0.4839	0.4965
Mg2790	279.079 {1	Y_3710	ppm	4.907	0.0446	0.9098	4.938	4.875
Mn2576	257.610 {1	Y_3600	ppm	0.4816	0.0049	1.012	0.485	0.4781
Mn2576-2	257.610 {1	Y_3710	ppm	0.4814	0.0002	0.0375	0.4812	0.4815
Mo2020	202.030 {4	Y_2243	ppm	0.5065	0.0025	0.4935	0.5048	0.5083
Na5895	589.592 { 5	Y_3710	ppm	12.33	0.1467	1.19	12.22	12.43
Na8183	818.326 { 4	Y_3710	ppm	12.37	0.1437	1.162	12.27	12.47
Ni2316	231.604 {4	In2306	ppm	0.4888	0.0027	0.5602	0.4868	0.4907
P_1782	178.284 {4	In2306	ppm	-0.006	0.002	32.25	-0.0074	-0.0047
Pb2203	220.353 {4	In2306	ppm	0.4884	0.0028	0.5797	0.4864	0.4904
S_1820	182.034 {4	Y_2243	ppm	-119	0.6174	0.519	-118.5	-119.4
Sb2068	206.833 {4	Y_2243	ppm	0.4933	0.0026	0.5275	0.4914	0.4951
Se1960	196.090 {4	Y_2243	ppm	0.4989	0.0045	0.907	0.4957	0.5021
Si2516	251.611 {1	Y_3710	ppm	0.8285	0.009	1.084	0.8221	0.8348
Sn1899	189.989 {4	In2306	ppm	0.5014	0.0029	0.573	0.4994	0.5034
Sr4215	421.552 { 8	Y_3710	ppm	0.2473	0.003	1.197	0.2452	0.2494
Ti3349	334.904 {1	Y_3600	ppm	0.4993	0.0063	1.269	0.5038	0.4949
Tl1908	190.856 {4	In2306	ppm	0.509	0.0013	0.2481	0.5081	0.5099
V_2924	292.402 {1	Y_3600	ppm	0.4913	0.0063	1.279	0.4958	0.4869
Zn2062	206.200 {4	In2306	ppm	0.4888	0.0024	0.4818	0.4871	0.4904

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	316.94	4.664	1.4716	320.24	313.64
In2306	230.606 {4	Cts/S	10049	28.171	0.28034	10069	10029
Y_2243	224.306 {4	Cts/S	13583	43.565	0.32074	13613	13552
Y_3600	360.073 { 9	Cts/S	60287	371.2	0.61573	60024	60549
Y_3710	371.030 { 9	Cts/S	16150	85.299	0.52818	16210	16089

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0054	0.0001	2.375	0.0053	0.0055
Al3082	308.215 {1	In2306	ppm	0.1184	0.0063	5.283	0.114	0.1228
As1890	189.042 {4	Y_2243	ppm	0.0124	0.0022	17.48	0.0109	0.014
B_2496	249.678 {1	Y_3710	ppm	0.0142	0.0029	20.36	0.0162	0.0121
Ba4554	455.403 { 7	Y_3710	ppm	0.0099	0	0.4043	0.0099	0.01
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0001	1.397	0.005	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1135	0.0045	3.994	0.1103	0.1167
Ca3181	318.128 {1	In2306	ppm	0.1445	0.0182	12.57	0.1574	0.1317
Cd2288	228.802 {4	Y_2243	ppm	0.0069	0.0026	37.35	0.0051	0.0087
Co2286	228.616 {4	In2306	ppm	0.0119	0.0025	21.31	0.0101	0.0137
Cr2677	267.716 {1	Y_3600	ppm	0.0103	0.0001	0.8158	0.0102	0.0103
Cu3247	324.754 {1	Y_3600	ppm	0.0091	0.0001	0.6811	0.0091	0.009
Fe2404	240.488 {1	In2306	ppm	0.097	0.0079	8.179	0.0914	0.1026
K_7664	766.490 { 4	Y_3710	ppm	0.6	0.0045	0.7421	0.5968	0.6031
K_7698	769.896 { 4	Y_3710	ppm	0.6372	0.0142	2.223	0.6472	0.6272
Li6707	670.784 { 5	Y_3710	ppm	0.0095	0.0002	2.233	0.0097	0.0094
Mg2790	279.079 {1	Y_3710	ppm	0.1269	0.0046	3.643	0.1301	0.1236
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0	0.4809	0.0102	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0106	0.0005	4.978	0.0109	0.0102
Mo2020	202.030 {4	Y_2243	ppm	0.0143	0.0036	25.23	0.0117	0.0168
Na5895	589.592 { 5	Y_3710	ppm	0.5981	0.0017	0.277	0.597	0.5993
Na8183	818.326 { 4	Y_3710	ppm	0.3151	0.2705	85.86	0.1238	0.5064
Ni2316	231.604 {4	In2306	ppm	0.0117	0.0028	24.09	0.0097	0.0137
P_1782	178.284 {4	In2306	ppm	0.0038	0.0004	11.25	0.0035	0.0041
Pb2203	220.353 {4	In2306	ppm	0.0119	0.0023	19.18	0.0103	0.0135
S_1820	182.034 {4	Y_2243	ppm	-0.5317	0.3185	59.9	-0.3065	-0.7569
Sb2068	206.833 {4	Y_2243	ppm	0.0195	0.0017	8.561	0.0183	0.0206
Se1960	196.090 {4	Y_2243	ppm	0.0124	0.0011	8.843	0.0117	0.0132
Si2516	251.611 {1	Y_3710	ppm	0.0011	0.0124	1135	-0.0077	0.0098
Sn1899	189.989 {4	In2306	ppm	0.0127	0.0034	26.96	0.0103	0.0151
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.4585	0.0049	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0105	0.0005	4.327	0.0101	0.0108
Tl1908	190.856 {4	In2306	ppm	0.0175	0.0049	27.92	0.014	0.0209
V_2924	292.402 {1	Y_3600	ppm	0.0107	0.0003	2.521	0.0109	0.0105
Zn2062	206.200 {4	In2306	ppm	0.0116	0.0026	22.69	0.0097	0.0134

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	313.98	4.856	1.5466	317.42	310.55
In2306	230.606 {4	Cts/S	10677	4.0404	0.03784	10674	10680
Y_2243	224.306 {4	Cts/S	13880	14.757	0.10632	13869	13890
Y_3600	360.073 { 9	Cts/S	59589	153.21	0.25711	59480	59697
Y_3710	371.030 { 9	Cts/S	16360	15.535	0.09496	16349	16371

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0007	233.1	0.0007	-0.0002
Al3082	308.215 {1	In2306	ppm	0.002	0.0309	1536	0.0239	-0.0199
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0004	24.2	0.0013	0.0018
B_2496	249.678 {1	Y_3710	ppm	0.0041	0.0012	29.13	0.0049	0.0032
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	168.5	0.0001	0
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	425.8	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0131	0.007	53.61	0.0181	0.0082
Ca3181	318.128 {1	In2306	ppm	0.0512	0.0087	16.97	0.0451	0.0574
Cd2288	228.802 {4	Y_2243	ppm	0	0	93.13	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	116.6	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0003	93.35	-0.0001	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	-0.0002	0.0002	102	-0.0001	-0.0004
Fe2404	240.488 {1	In2306	ppm	0.006	0.0048	79.58	0.0094	0.0026
K_7664	766.490 { 4	Y_3710	ppm	0.0238	0.0149	62.73	0.0132	0.0343
K_7698	769.896 { 4	Y_3710	ppm	0.0144	0.0017	11.61	0.0156	0.0132
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0002	161.8	0	-0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0345	0.0175	50.72	0.0221	0.0468
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0.0001	212.6	0	-0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0006	763.5	0.0004	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0002	43.37	0.0003	0.0006
Na5895	589.592 { 5	Y_3710	ppm	-0.005	0.0012	23.45	-0.0058	-0.0042
Na8183	818.326 { 4	Y_3710	ppm	-0.1342	0.0421	31.37	-0.164	-0.1044
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0001	18.09	0.0004	0.0005
P_1782	178.284 {4	In2306	ppm	-0.0063	0.0013	21.01	-0.0054	-0.0073
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0005	60.14	0.0005	0.0012
S_1820	182.034 {4	Y_2243	ppm	0.005	0.045	897.6	0.0369	-0.0268
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0008	33.71	0.0017	0.0028
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0006	120.4	0.0001	0.0009
Si2516	251.611 {1	Y_3710	ppm	-0.0067	0.0112	167.3	-0.0146	0.0012
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	50.89	0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0	5.534	0.0002	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0007	230.8	0.0008	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0021	0.0008	39.67	0.0027	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0002	43.43	0.0006	0.0003

Zn2062	206.200 {4	In2306	ppm	0.0002	0.0001	56.95	0.0001	0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	317.27	0.83375	0.26279	317.86	316.68
In2306	230.606 {4	Cts/S	10689	7.6292	0.07137	10684	10695
Y_2243	224.306 {4	Cts/S	13816	29.479	0.21337	13795	13837
Y_3600	360.073 { 9	Cts/S	59881	15.688	0.0262	59870	59892
Y_3710	371.030 { 9	Cts/S	16278	27.298	0.1677	16259	16297

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Custom ID3=
Run Time=1/31/2012 9:03:04
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0001	25.68	-0.0003	-0.0002
Al3082	308.215 {1	In2306	ppm	541.3	1.876	0.3466	542.6	540
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0021	142.1	0	0.003
B_2496	249.678 {1	Y_3710	ppm	0.0058	0.0029	49.28	0.0038	0.0078
Ba4554	455.403 { 7	Y_3710	ppm	0.0008	0.0001	15.9	0.0007	0.0009
Be3130	313.042 {1	Y_3710	ppm	0	0	172.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	506.5	9.496	1.875	513.2	499.8
Ca3181	318.128 {1	In2306	ppm	513.8	10.1	1.967	521	506.7
Cd2288	228.802 {4	Y_2243	ppm	0	0	487.2	0	0
Co2286	228.616 {4	In2306	ppm	0.0005	0.0001	13.54	0.0005	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0026	0	0.5583	0.0027	0.0026
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0006	27.36	0.0019	0.0028
Fe2404	240.488 {1	In2306	ppm	196.4	2.988	1.522	198.5	194.3
K_7664	766.490 { 4	Y_3710	ppm	0.0203	0.0135	66.73	0.0107	0.0299
K_7698	769.896 { 4	Y_3710	ppm	-0.0878	0.0256	29.12	-0.0697	-0.1059
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0.0003	2.637	0.0096	0.01
Mg2790	279.079 {1	Y_3710	ppm	578.1	6.313	1.092	582.5	573.6
Mn2576	257.610 {1	Y_3600	ppm	-0.0056	0.0002	2.853	-0.0057	-0.0055
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0066	0	0.0213	-0.0066	-0.0066
Mo2020	202.030 {4	Y_2243	ppm	-0.0007	0.0004	57.87	-0.001	-0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0146	0.0067	46.11	0.0194	0.0099
Na8183	818.326 { 4	Y_3710	ppm	0.3712	0.0625	16.84	0.327	0.4154
Ni2316	231.604 {4	In2306	ppm	0.006	0.0004	5.978	0.0058	0.0063
P_1782	178.284 {4	In2306	ppm	-0.003	0.0007	24.42	-0.0025	-0.0036
Pb2203	220.353 {4	In2306	ppm	-0.0086	0.0028	33.24	-0.0065	-0.0106
S_1820	182.034 {4	Y_2243	ppm	20.48	0.6284	3.068	20.93	20.04
Sb2068	206.833 {4	Y_2243	ppm	-0.0097	0.0022	22.26	-0.0082	-0.0113
Se1960	196.090 {4	Y_2243	ppm	0.0018	0.0007	40.07	0.0023	0.0013
Si2516	251.611 {1	Y_3710	ppm	-0.0072	0.001	14.18	-0.0064	-0.0079
Sn1899	189.989 {4	In2306	ppm	0.0019	0.0004	23.58	0.0022	0.0016
Sr4215	421.552 { 8	Y_3710	ppm	0.0025	0	0.1203	0.0025	0.0025
Ti3349	334.904 {1	Y_3600	ppm	0.0036	0.0004	10.87	0.0033	0.0038
Tl1908	190.856 {4	In2306	ppm	-0.0042	0.0008	19.16	-0.0036	-0.0048

V_2924	292.402 {1	Y_3600	ppm	-0.0057	0.0006	11.33	-0.0062	-0.0053
Zn2062	206.200 {4	In2306	ppm	0.0039	0.0002	5.603	0.004	0.0037

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	290.53	1.6242	0.55904	289.38	291.68
In2306	230.606 {4	Cts/S	7710.1	6.8982	0.08947	7705.3	7715
Y_2243	224.306 {4	Cts/S	11871	25.018	0.21075	11888	11853
Y_3600	360.073 { 9	Cts/S	57770	210.3	0.36402	57622	57919
Y_3710	371.030 { 9	Cts/S	14278	21.576	0.15111	14293	14262

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Custom ID3=
Run Time=1/31/2012 9:05:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.559	0.0007	0.1334	0.5595	0.5584
Al3082	308.215 {1	In2306	ppm	546.4	2.083	0.3813	547.9	544.9
As1890	189.042 {4	Y_2243	ppm	1.027	0.0082	0.7944	1.033	1.021
B_2496	249.678 {1	Y_3710	ppm	1.083	0.0042	0.3848	1.08	1.086
Ba4554	455.403 { 7	Y_3710	ppm	1.102	0.0011	0.1014	1.101	1.102
Be3130	313.042 {1	Y_3710	ppm	0.52	0.0006	0.1226	0.5205	0.5196
Ca3158	315.887 {1	In2306	ppm	525.6	5.207	0.9907	529.3	521.9
Ca3181	318.128 {1	In2306	ppm	533.3	5.285	0.9909	537.1	529.6
Cd2288	228.802 {4	Y_2243	ppm	0.5236	0.0065	1.243	0.5282	0.519
Co2286	228.616 {4	In2306	ppm	0.9991	0.0135	1.355	1.009	0.9895
Cr2677	267.716 {1	Y_3600	ppm	0.9677	0.0038	0.3921	0.9651	0.9704
Cu3247	324.754 {1	Y_3600	ppm	1.195	0.0047	0.3924	1.198	1.192
Fe2404	240.488 {1	In2306	ppm	208.8	1.972	0.944	210.2	207.5
K_7664	766.490 { 4	Y_3710	ppm	11.4	0.1227	1.076	11.31	11.49
K_7698	769.896 { 4	Y_3710	ppm	11.3	0.0871	0.7704	11.24	11.36
Li6707	670.784 { 5	Y_3710	ppm	1.092	0.0069	0.6326	1.087	1.097
Mg2790	279.079 {1	Y_3710	ppm	598	0.986	0.1649	598.7	597.3
Mn2576	257.610 {1	Y_3600	ppm	0.9728	0.0014	0.1389	0.9718	0.9738
Mn2576-2	257.610 {1	Y_3710	ppm	1.038	0.004	0.3809	1.041	1.036
Mo2020	202.030 {4	Y_2243	ppm	0.9333	0.0086	0.9257	0.9394	0.9272
Na5895	589.592 { 5	Y_3710	ppm	11.04	0.0684	0.6193	11	11.09
Na8183	818.326 { 4	Y_3710	ppm	12.06	0.2003	1.661	11.92	12.2
Ni2316	231.604 {4	In2306	ppm	0.9841	0.0122	1.244	0.9927	0.9754
P_1782	178.284 {4	In2306	ppm	1.147	0.0135	1.178	1.156	1.137
Pb2203	220.353 {4	In2306	ppm	0.9615	0.0167	1.74	0.9733	0.9496
S_1820	182.034 {4	Y_2243	ppm	21.29	0.1703	0.7995	21.17	21.42
Sb2068	206.833 {4	Y_2243	ppm	0.9963	0.026	2.61	1.015	0.9779
Se1960	196.090 {4	Y_2243	ppm	1.026	0.0006	0.0616	1.027	1.026
Si2516	251.611 {1	Y_3710	ppm	0.9714	0.0038	0.3927	0.9741	0.9687
Sn1899	189.989 {4	In2306	ppm	0.9987	0.0206	2.065	1.013	0.9841
Sr4215	421.552 { 8	Y_3710	ppm	0.5427	0.0003	0.0629	0.5425	0.5429
Ti3349	334.904 {1	Y_3600	ppm	1.025	0.0024	0.2377	1.024	1.027

Tl1908	190.856 {4	In2306	ppm	0.9249	0.0203	2.196	0.9392	0.9105
V_2924	292.402 {1	Y_3600	ppm	1.005	0.0029	0.2927	1.007	1.003
Zn2062	206.200 {4	In2306	ppm	1.013	0.0158	1.56	1.024	1.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	290.91	1.934	0.66481	289.54	292.27
In2306	230.606 {4	Cts/S	7608.3	9.3876	0.12339	7601.7	7615
Y_2243	224.306 {4	Cts/S	11804	37.222	0.31534	11830	11777
Y_3600	360.073 { 9	Cts/S	56762	18.428	0.03247	56749	56775
Y_3710	371.030 { 9	Cts/S	14307	1.1361	0.00794	14308	14306

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.244	0.0008	0.3136	0.2445	0.2435
Al3082	308.215 {1	In2306	ppm	2.45	0.0219	0.8925	2.434	2.465
As1890	189.042 {4	Y_2243	ppm	0.4931	0.0028	0.5644	0.4951	0.4912
B_2496	249.678 {1	Y_3710	ppm	0.4725	0.0015	0.3204	0.4715	0.4736
Ba4554	455.403 { 7	Y_3710	ppm	0.4771	0.0006	0.1221	0.4767	0.4775
Be3130	313.042 {1	Y_3710	ppm	0.4838	0.0002	0.0475	0.484	0.4837
Ca3158	315.887 {1	In2306	ppm	12.67	0.1108	0.8744	12.59	12.75
Ca3181	318.128 {1	In2306	ppm	12.62	0.0313	0.2482	12.6	12.64
Cd2288	228.802 {4	Y_2243	ppm	0.4876	0.0002	0.0508	0.4874	0.4877
Co2286	228.616 {4	In2306	ppm	0.4929	0.0013	0.267	0.492	0.4938
Cr2677	267.716 {1	Y_3600	ppm	0.4767	0.0001	0.0215	0.4766	0.4767
Cu3247	324.754 {1	Y_3600	ppm	0.4884	0.0029	0.5931	0.4904	0.4863
Fe2404	240.488 {1	In2306	ppm	2.546	0.032	1.258	2.523	2.569
K_7664	766.490 { 4	Y_3710	ppm	11.93	0.0112	0.0937	11.94	11.92
K_7698	769.896 { 4	Y_3710	ppm	11.81	0.0123	0.1038	11.81	11.82
Li6707	670.784 { 5	Y_3710	ppm	0.4719	0.0007	0.1531	0.4713	0.4724
Mg2790	279.079 {1	Y_3710	ppm	4.901	0.0533	1.088	4.939	4.864
Mn2576	257.610 {1	Y_3600	ppm	0.4838	0.0006	0.1248	0.4842	0.4834
Mn2576-2	257.610 {1	Y_3710	ppm	0.4788	0.0019	0.3936	0.4801	0.4775
Mo2020	202.030 {4	Y_2243	ppm	0.5007	0.0005	0.0936	0.5011	0.5004
Na5895	589.592 { 5	Y_3710	ppm	11.88	0.0111	0.0935	11.87	11.88
Na8183	818.326 { 4	Y_3710	ppm	11.98	0.0788	0.6578	12.04	11.92
Ni2316	231.604 {4	In2306	ppm	0.4878	0.0004	0.0839	0.4875	0.4881
P_1782	178.284 {4	In2306	ppm	-0.0058	0.0002	2.719	-0.0059	-0.0057
Pb2203	220.353 {4	In2306	ppm	0.487	0.0032	0.6565	0.4847	0.4892
S_1820	182.034 {4	Y_2243	ppm	-119	0.2732	0.2295	-118.8	-119.2
Sb2068	206.833 {4	Y_2243	ppm	0.4996	0.0027	0.5313	0.5015	0.4977
Se1960	196.090 {4	Y_2243	ppm	0.499	0.0017	0.346	0.4978	0.5003
Si2516	251.611 {1	Y_3710	ppm	0.8121	0.0274	3.371	0.7928	0.8315
Sn1899	189.989 {4	In2306	ppm	0.4994	0.0014	0.2828	0.4984	0.5004
Sr4215	421.552 { 8	Y_3710	ppm	0.2452	0.0003	0.1336	0.2455	0.245

Ti3349	334.904 {1	Y_3600	ppm	0.4878	0.0018	0.3732	0.4891	0.4865
Tl1908	190.856 {4	In2306	ppm	0.498	0.0029	0.5796	0.5001	0.496
V_2924	292.402 {1	Y_3600	ppm	0.4979	0.0017	0.3407	0.4991	0.4967
Zn2062	206.200 {4	In2306	ppm	0.4871	0.0019	0.3887	0.4858	0.4884

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	311.59	4.0716	1.3067	314.46	308.71
In2306	230.606 {4	Cts/S	10081	27.594	0.27374	10100	10061
Y_2243	224.306 {4	Cts/S	13642	12.82	0.09398	13651	13633
Y_3600	360.073 { 9	Cts/S	60464	215.15	0.35583	60312	60617
Y_3710	371.030 { 9	Cts/S	16442	10.442	0.06351	16434	16449

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0003	6.378	0.0045	0.0049
Al3082	308.215 {1	In2306	ppm	0.1094	0.0354	32.39	0.0843	0.1344
As1890	189.042 {4	Y_2243	ppm	0.0155	0.0068	43.98	0.0107	0.0203
B_2496	249.678 {1	Y_3710	ppm	0.0116	0.0005	4.686	0.012	0.0112
Ba4554	455.403 { 7	Y_3710	ppm	0.0099	0	0.3853	0.0099	0.01
Be3130	313.042 {1	Y_3710	ppm	0.005	0.0001	1.749	0.0051	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1112	0.0075	6.731	0.1165	0.1059
Ca3181	318.128 {1	In2306	ppm	0.1457	0.0122	8.364	0.1371	0.1543
Cd2288	228.802 {4	Y_2243	ppm	0.0098	0.0056	57.08	0.0059	0.0138
Co2286	228.616 {4	In2306	ppm	0.0146	0.0056	38.37	0.0107	0.0186
Cr2677	267.716 {1	Y_3600	ppm	0.0105	0.0006	6.012	0.0109	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.0094	0.0009	9.316	0.01	0.0088
Fe2404	240.488 {1	In2306	ppm	0.0985	0.0002	0.2501	0.0983	0.0987
K_7664	766.490 { 4	Y_3710	ppm	0.6081	0.0092	1.52	0.6015	0.6146
K_7698	769.896 { 4	Y_3710	ppm	0.5574	0.0171	3.066	0.5453	0.5695
Li6707	670.784 { 5	Y_3710	ppm	0.0097	0.0002	1.823	0.0099	0.0096
Mg2790	279.079 {1	Y_3710	ppm	0.1189	0.0228	19.15	0.135	0.1028
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0.0002	2.415	0.0104	0.01
Mn2576-2	257.610 {1	Y_3710	ppm	0.01	0.0006	6.295	0.0105	0.0096
Mo2020	202.030 {4	Y_2243	ppm	0.0174	0.0067	38.33	0.0127	0.0222
Na5895	589.592 { 5	Y_3710	ppm	0.6083	0.0056	0.925	0.6123	0.6043
Na8183	818.326 { 4	Y_3710	ppm	0.5136	0.0376	7.32	0.487	0.5402
Ni2316	231.604 {4	In2306	ppm	0.0145	0.0056	38.31	0.0106	0.0184
P_1782	178.284 {4	In2306	ppm	0.0035	0.0002	6.218	0.0033	0.0036
Pb2203	220.353 {4	In2306	ppm	0.0152	0.0054	35.54	0.0113	0.019
S_1820	182.034 {4	Y_2243	ppm	-1.05	0.8479	80.78	-0.4501	-1.649
Sb2068	206.833 {4	Y_2243	ppm	0.0252	0.0061	24.18	0.0209	0.0295
Se1960	196.090 {4	Y_2243	ppm	0.0144	0.0036	25.02	0.0118	0.0169
Si2516	251.611 {1	Y_3710	ppm	0.0049	0.0148	303.1	0.0153	-0.0056
Sn1899	189.989 {4	In2306	ppm	0.0158	0.0056	35.62	0.0118	0.0198

Sr4215	421.552 {	8	Y_3710	ppm	0.0051	0	0.8771	0.0051	0.005
Ti3349	334.904 {1		Y_3600	ppm	0.0106	0.0001	1.336	0.0107	0.0105
Tl1908	190.856 {4		In2306	ppm	0.0212	0.0098	46.02	0.0143	0.0281
V_2924	292.402 {1		Y_3600	ppm	0.0104	0.0007	6.665	0.0109	0.0099
Zn2062	206.200 {4		In2306	ppm	0.0143	0.0055	38.54	0.0104	0.0181

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	318.14	0.00285	0.00089	318.14	318.14
In2306	230.606 {4	Cts/S	10671	80.463	0.75402	10728	10614
Y_2243	224.306 {4	Cts/S	13885	88.209	0.63528	13947	13823
Y_3600	360.073 {	9	Cts/S	59239	1245.7	2.1028	58358	60120
Y_3710	371.030 {	9	Cts/S	16395	27.801	0.16957	16375	16415

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	260.5	-0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0208	0.0307	147.7	0.0424	-0.0009
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0007	38.46	0.0014	0.0024
B_2496	249.678 {1	Y_3710	ppm	0.0052	0.0017	31.72	0.0064	0.0041
Ba4554	455.403 {	7	Y_3710	ppm	0.0002	0.0001	43.12	0.0002	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	1658	0	0
Ca3158	315.887 {1	In2306	ppm	0.0069	0.0026	37.88	0.0087	0.005
Ca3181	318.128 {1	In2306	ppm	0.0464	0.0151	32.47	0.057	0.0357
Cd2288	228.802 {4	Y_2243	ppm	0.0009	0.0012	132.2	0.0001	0.0018
Co2286	228.616 {4	In2306	ppm	0.001	0.0014	136.9	0	0.0021
Cr2677	267.716 {1	Y_3600	ppm	0	0.0008	3485	0.0005	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0001	0.0005	544.6	0.0005	-0.0003
Fe2404	240.488 {1	In2306	ppm	0.0042	0.0071	170	0.0091	-0.0008
K_7664	766.490 {	4	Y_3710	ppm	0.0195	0.0055	28.24	0.0233	0.0156
K_7698	769.896 {	4	Y_3710	ppm	-0.0109	0.0179	164.7	-0.0236	0.0018
Li6707	670.784 {	5	Y_3710	ppm	-0.0002	0.0003	110	-0.0004	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0299	0.0269	89.86	0.0109	0.0489
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	336.9	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0007	267.9	-0.0007	0.0002
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0019	95.88	0.0006	0.0033
Na5895	589.592 {	5	Y_3710	ppm	-0.011	0.0011	10.23	-0.0102	-0.0118
Na8183	818.326 {	4	Y_3710	ppm	0.0487	0.086	176.6	-0.0121	0.1095
Ni2316	231.604 {4	In2306	ppm	0.0009	0.0014	154.1	-0.0001	0.0019
P_1782	178.284 {4	In2306	ppm	-0.0058	0.0003	5.586	-0.0061	-0.0056
Pb2203	220.353 {4	In2306	ppm	0.0027	0.0016	61.37	0.0015	0.0038
S_1820	182.034 {4	Y_2243	ppm	-0.2467	0.2898	117.5	-0.4516	-0.0417
Sb2068	206.833 {4	Y_2243	ppm	0.0055	0.0005	8.285	0.0052	0.0058
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0023	153.9	-0.0001	0.0031
Si2516	251.611 {1	Y_3710	ppm	-0.0083	0.0019	23.33	-0.0096	-0.0069

Sn1899	189.989 {4	In2306	ppm	0.0015	0.0014	95.25	0.0005	0.0025
Sr4215	421.552 { 8	Y_3710	ppm	0	0	96.08	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0001	15.32	-0.0004	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0031	0.0017	55.56	0.0019	0.0043
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0004	251.2	0.0005	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0011	0.0013	112.1	0.0002	0.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	317.15	4.2246	1.332	314.17	320.14
In2306	230.606 {4	Cts/S	10739	46.204	0.43022	10707	10772
Y_2243	224.306 {4	Cts/S	13842	71.083	0.51355	13791	13892
Y_3600	360.073 { 9	Cts/S	59354	187.36	0.31567	59221	59486
Y_3710	371.030 { 9	Cts/S	16139	118.77	0.73593	16055	16223

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	89.04	0.0002	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0019	0.0085	459.3	-0.0079	0.0042
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0003	451.1	-0.0002	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0032	0.0019	60.42	0.0018	0.0045
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	91.66	0.0003	0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	40.35	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.0087	0.0116	133.1	0.0169	0.0005
Ca3181	318.128 {1	In2306	ppm	0.0237	0.0143	60.27	0.0338	0.0136
Cd2288	228.802 {4	Y_2243	ppm	0	0	157.7	0	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	324.7	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0	4.566	0.0005	0.0005
Cu3247	324.754 {1	Y_3600	ppm	-0.0004	0.0003	69.81	-0.0006	-0.0002
Fe2404	240.488 {1	In2306	ppm	0.0109	0.0104	95.6	0.0035	0.0183
K_7664	766.490 { 4	Y_3710	ppm	0.0108	0.0012	10.87	0.01	0.0117
K_7698	769.896 { 4	Y_3710	ppm	-0.0348	0.0309	88.71	-0.0567	-0.013
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0002	118	0.0003	0
Mg2790	279.079 {1	Y_3710	ppm	0.0437	0.0134	30.57	0.0531	0.0342
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	46.42	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0006	439.9	0.0003	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0002	58.79	0.0002	0.0005
Na5895	589.592 { 5	Y_3710	ppm	-0.0116	0.0012	10.56	-0.0124	-0.0107
Na8183	818.326 { 4	Y_3710	ppm	0.2397	0.0443	18.47	0.2084	0.2711
Ni2316	231.604 {4	In2306	ppm	0	0.0001	70210	-0.0001	0.0001
P_1782	178.284 {4	In2306	ppm	-0.0058	0.0001	1.137	-0.0057	-0.0058
Pb2203	220.353 {4	In2306	ppm	0.0012	0.0006	46.1	0.0008	0.0016
S_1820	182.034 {4	Y_2243	ppm	-1.183	0.1123	9.487	-1.104	-1.263
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0009	33.62	0.0034	0.0021
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0009	81.36	0.0004	0.0017

Si2516	251.611 {1	Y_3710	ppm	-0.0008	0.0059	766.6	-0.0049	0.0034
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0002	86.52	0.0001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	193.8	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0006	179.1	0.0001	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0015	0.0001	6.447	0.0016	0.0014
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0001	14.51	0.0006	0.0007
Zn2062	206.200 {4	In2306	ppm	0.0021	0	1.925	0.002	0.0021

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	307.12	0.92344	0.30068	306.46	307.77
In2306	230.606 {4	Cts/S	10605	26.995	0.25454	10625	10586
Y_2243	224.306 {4	Cts/S	13631	44.302	0.32502	13662	13599
Y_3600	360.073 { 9	Cts/S	60812	40.632	0.06682	60783	60841
Y_3710	371.030 { 9	Cts/S	16062	45.966	0.28618	16030	16095

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4816	0.0008	0.1614	0.4822	0.4811
Al3082	308.215 {1	In2306	ppm	9.778	0.0408	0.4169	9.807	9.749
As1890	189.042 {4	Y_2243	ppm	0.9836	0.0063	0.6407	0.9791	0.988
B_2496	249.678 {1	Y_3710	ppm	0.9679	0.001	0.1005	0.9672	0.9686
Ba4554	455.403 { 7	Y_3710	ppm	0.9702	0.0027	0.2786	0.9721	0.9683
Be3130	313.042 {1	Y_3710	ppm	0.4884	0.0029	0.5909	0.4904	0.4863
Ca3158	315.887 {1	In2306	ppm	9.803	0.0645	0.658	9.848	9.757
Ca3181	318.128 {1	In2306	ppm	9.78	0.0669	0.6837	9.827	9.732
Cd2288	228.802 {4	Y_2243	ppm	0.4845	0.0008	0.1684	0.4851	0.484
Co2286	228.616 {4	In2306	ppm	0.9626	0.0008	0.0825	0.9631	0.962
Cr2677	267.716 {1	Y_3600	ppm	0.9384	0.009	0.9607	0.9447	0.932
Cu3247	324.754 {1	Y_3600	ppm	0.9571	0.0005	0.0517	0.9568	0.9575
Fe2404	240.488 {1	In2306	ppm	9.867	0.046	0.4662	9.899	9.834
K_7664	766.490 { 4	Y_3710	ppm	9.848	0.0284	0.2879	9.868	9.828
K_7698	769.896 { 4	Y_3710	ppm	9.673	0.0019	0.0194	9.671	9.674
Li6707	670.784 { 5	Y_3710	ppm	0.5015	0.0011	0.2188	0.5023	0.5007
Mg2790	279.079 {1	Y_3710	ppm	9.649	0.0405	0.4199	9.62	9.678
Mn2576	257.610 {1	Y_3600	ppm	0.9433	0.0047	0.4987	0.9467	0.94
Mn2576-2	257.610 {1	Y_3710	ppm	0.9601	0.0061	0.6406	0.9644	0.9557
Mo2020	202.030 {4	Y_2243	ppm	0.9947	0.0005	0.0471	0.995	0.9943
Na5895	589.592 { 5	Y_3710	ppm	9.969	0.0463	0.4642	10	9.936
Na8183	818.326 { 4	Y_3710	ppm	10	0.2297	2.297	10.16	9.839
Ni2316	231.604 {4	In2306	ppm	0.9621	0.0016	0.1685	0.9609	0.9632
P_1782	178.284 {4	In2306	ppm	-0.0052	0.0008	16.26	-0.0058	-0.0046
Pb2203	220.353 {4	In2306	ppm	0.9606	0.001	0.1026	0.9599	0.9613
S_1820	182.034 {4	Y_2243	ppm	-0.9883	0.3521	35.63	-0.7393	-1.237
Sb2068	206.833 {4	Y_2243	ppm	0.9606	0.0049	0.5052	0.964	0.9572

Se1960	196.090 {4	Y_2243	ppm	0.9967	0.0031	0.3067	0.9989	0.9946
Si2516	251.611 {1	Y_3710	ppm	0.8182	0.0063	0.7734	0.8138	0.8227
Sn1899	189.989 {4	In2306	ppm	0.9559	0.0014	0.1454	0.9569	0.9549
Sr4215	421.552 { 8	Y_3710	ppm	0.4906	0.0033	0.6653	0.4929	0.4883
Ti3349	334.904 {1	Y_3600	ppm	0.9346	0.0004	0.0473	0.9343	0.9349
Tl1908	190.856 {4	In2306	ppm	0.9846	0.0108	1.094	0.9922	0.977
V_2924	292.402 {1	Y_3600	ppm	0.9565	0.0017	0.1806	0.9552	0.9577
Zn2062	206.200 {4	In2306	ppm	0.9425	0.001	0.1044	0.9418	0.9432

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	307.32	2.2559	0.73406	305.73	308.92
In2306	230.606 {4	Cts/S	9981.8	4.441	0.04449	9984.9	9978.6
Y_2243	224.306 {4	Cts/S	13365	11.25	0.08418	13373	13357
Y_3600	360.073 { 9	Cts/S	61239	106.94	0.17462	61314	61163
Y_3710	371.030 { 9	Cts/S	15954	69.433	0.43522	15905	16003

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0008	0	2.269	-0.0008	-0.0008
Al3082	308.215 {1	In2306	ppm	2.112	0.0306	1.448	2.09	2.134
As1890	189.042 {4	Y_2243	ppm	0.0047	0.0026	54.94	0.0028	0.0065
B_2496	249.678 {1	Y_3710	ppm	0.3073	0.0005	0.1511	0.307	0.3077
Ba4554	455.403 { 7	Y_3710	ppm	0.0347	0.0002	0.4334	0.0348	0.0346
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	28.35	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	40.62	0.1164	0.2865	40.54	40.71
Ca3181	318.128 {1	In2306	ppm	40.5	0.0737	0.1819	40.45	40.55
Cd2288	228.802 {4	Y_2243	ppm	0.0011	0.0016	136.9	0	0.0022
Co2286	228.616 {4	In2306	ppm	0.0031	0.003	99.29	0.0009	0.0052
Cr2677	267.716 {1	Y_3600	ppm	0.0023	0.0001	3.251	0.0022	0.0023
Cu3247	324.754 {1	Y_3600	ppm	0.0031	0.0007	21.81	0.0035	0.0026
Fe2404	240.488 {1	In2306	ppm	1.238	0.0031	0.2495	1.24	1.236
K_7664	766.490 { 4	Y_3710	ppm	3.503	0.0784	2.239	3.558	3.447
K_7698	769.896 { 4	Y_3710	ppm	3.396	0.0168	0.4935	3.408	3.384
Li6707	670.784 { 5	Y_3710	ppm	0.003	0.0004	12.4	0.0033	0.0028
Mg2790	279.079 {1	Y_3710	ppm	1.478	0.0217	1.469	1.494	1.463
Mn2576	257.610 {1	Y_3600	ppm	0.1951	0.0012	0.6134	0.196	0.1943
Mn2576-2	257.610 {1	Y_3710	ppm	0.1985	0.001	0.5009	0.1992	0.1978
Mo2020	202.030 {4	Y_2243	ppm	0.0056	0.0041	73.63	0.0027	0.0085
Na5895	589.592 { 5	Y_3710	ppm	3.246	0.0503	1.549	3.281	3.21
Na8183	818.326 { 4	Y_3710	ppm	3.095	0.1602	5.177	3.209	2.982
Ni2316	231.604 {4	In2306	ppm	0.0044	0.0031	68.99	0.0023	0.0066
P_1782	178.284 {4	In2306	ppm	0.1319	0.0004	0.3395	0.1322	0.1316
Pb2203	220.353 {4	In2306	ppm	0.003	0.0021	69.42	0.0015	0.0044
S_1820	182.034 {4	Y_2243	ppm	-369.7	0.4829	0.1306	-370	-369.3

Sb2068	206.833 {4	Y_2243	ppm	0.0154	0.0034	22.37	0.013	0.0178
Se1960	196.090 {4	Y_2243	ppm	0.0026	0.0019	75.69	0.0012	0.0039
Si2516	251.611 {1	Y_3710	ppm	6.373	0.1014	1.591	6.444	6.301
Sn1899	189.989 {4	In2306	ppm	0.0042	0.0038	89.45	0.0016	0.0069
Sr4215	421.552 { 8	Y_3710	ppm	0.2038	0.0011	0.5549	0.2046	0.203
Ti3349	334.904 {1	Y_3600	ppm	0.0164	0.0005	3.173	0.0167	0.016
Tl1908	190.856 {4	In2306	ppm	0.0104	0.0056	54.24	0.0064	0.0144
V_2924	292.402 {1	Y_3600	ppm	0.0057	0.0004	6.743	0.0054	0.0059
Zn2062	206.200 {4	In2306	ppm	0.0166	0.0029	17.73	0.0145	0.0187

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	306.59	0.56555	0.18446	306.19	306.99
In2306	230.606 {4	Cts/S	10020	54.01	0.539	10059	9982.2
Y_2243	224.306 {4	Cts/S	13257	92.845	0.70034	13323	13191
Y_3600	360.073 { 9	Cts/S	61198	307.27	0.50209	60981	61415
Y_3710	371.030 { 9	Cts/S	15882	130.37	0.82085	15790	15974

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	266.6	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	0.7776	0.0017	0.2145	0.7788	0.7765
As1890	189.042 {4	Y_2243	ppm	0.002	0.0008	39.08	0.0014	0.0025
B_2496	249.678 {1	Y_3710	ppm	0.0281	0.003	10.54	0.026	0.0302
Ba4554	455.403 { 7	Y_3710	ppm	0.0556	0.0004	0.775	0.0552	0.0559
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	1.217	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	23.4	0.2505	1.071	23.22	23.57
Ca3181	318.128 {1	In2306	ppm	23.22	0.3615	1.557	22.97	23.48
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	31.19	0.0003	0.0005
Co2286	228.616 {4	In2306	ppm	0.0008	0	0.2946	0.0008	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0027	0.0004	16.12	0.003	0.0024
Cu3247	324.754 {1	Y_3600	ppm	0.0208	0.0001	0.2598	0.0208	0.0209
Fe2404	240.488 {1	In2306	ppm	0.6646	0.0146	2.194	0.6543	0.6749
K_7664	766.490 { 4	Y_3710	ppm	2.162	0.0148	0.6843	2.172	2.152
K_7698	769.896 { 4	Y_3710	ppm	2.037	0.022	1.082	2.053	2.022
Li6707	670.784 { 5	Y_3710	ppm	0.0028	0.0003	11.21	0.003	0.0025
Mg2790	279.079 {1	Y_3710	ppm	1.332	0.0096	0.7215	1.325	1.339
Mn2576	257.610 {1	Y_3600	ppm	0.037	0.0004	1.038	0.0373	0.0368
Mn2576-2	257.610 {1	Y_3710	ppm	0.0406	0.0059	14.53	0.0448	0.0364
Mo2020	202.030 {4	Y_2243	ppm	0.0038	0.0003	6.827	0.0036	0.004
Na5895	589.592 { 5	Y_3710	ppm	6.047	0.063	1.042	6.091	6.002
Na8183	818.326 { 4	Y_3710	ppm	5.756	0.0834	1.449	5.815	5.697
Ni2316	231.604 {4	In2306	ppm	0.0046	0	0.3454	0.0046	0.0046
P_1782	178.284 {4	In2306	ppm	0.3141	0.0014	0.4531	0.3131	0.3151
Pb2203	220.353 {4	In2306	ppm	0.0116	0.0004	3.029	0.0113	0.0118

S_1820	182.034 {4	Y_2243	ppm	-293.5	0.6773	0.2308	-293	-293.9
Sb2068	206.833 {4	Y_2243	ppm	0.0036	0.0007	18.05	0.0032	0.0041
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0004	29.6	0.001	0.0015
Si2516	251.611 {1	Y_3710	ppm	1.393	0.0094	0.6756	1.386	1.4
Sn1899	189.989 {4	In2306	ppm	0.0009	0.0006	69.85	0.0004	0.0013
Sr4215	421.552 { 8	Y_3710	ppm	0.0447	0.0002	0.3782	0.0446	0.0448
Ti3349	334.904 {1	Y_3600	ppm	0.0241	0.0002	0.9754	0.0243	0.0239
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0018	94.56	0.0006	0.0031
V_2924	292.402 {1	Y_3600	ppm	0.0053	0	0.0671	0.0053	0.0053
Zn2062	206.200 {4	In2306	ppm	0.2519	0.0001	0.0524	0.2519	0.252

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	305.89	0.35961	0.11756	306.15	305.64
In2306	230.606 {4	Cts/S	10127	9.1309	0.09016	10134	10121
Y_2243	224.306 {4	Cts/S	13305	30.472	0.22902	13283	13327
Y_3600	360.073 { 9	Cts/S	60908	252.2	0.41407	60729	61086
Y_3710	371.030 { 9	Cts/S	16199	26.59	0.16415	16218	16180

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0007	0.0004	60.92	-0.0004	-0.001
Al3082	308.215 {1	In2306	ppm	3.689	0.0636	1.724	3.734	3.644
As1890	189.042 {4	Y_2243	ppm	0.0029	0.0003	11.22	0.0027	0.0032
B_2496	249.678 {1	Y_3710	ppm	0.0489	0.0013	2.614	0.048	0.0498
Ba4554	455.403 { 7	Y_3710	ppm	0.1359	0.0002	0.1646	0.1361	0.1358
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	19.22	0.0002	0.0003
Ca3158	315.887 {1	In2306	ppm	29.19	0.245	0.8392	29.36	29.02
Ca3181	318.128 {1	In2306	ppm	29.03	0.2851	0.9822	29.23	28.83
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	31.92	0.0003	0.0002
Co2286	228.616 {4	In2306	ppm	0.0015	0.0001	3.602	0.0015	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.0041	0.0003	6.344	0.0039	0.0043
Cu3247	324.754 {1	Y_3600	ppm	0.0064	0.0002	3.228	0.0063	0.0066
Fe2404	240.488 {1	In2306	ppm	2.377	0.0177	0.7458	2.389	2.364
K_7664	766.490 { 4	Y_3710	ppm	6.038	0.0347	0.5739	6.063	6.014
K_7698	769.896 { 4	Y_3710	ppm	5.909	0.0995	1.684	5.979	5.839
Li6707	670.784 { 5	Y_3710	ppm	0.0037	0.0001	3.497	0.0038	0.0036
Mg2790	279.079 {1	Y_3710	ppm	3.486	0.0226	0.6485	3.47	3.502
Mn2576	257.610 {1	Y_3600	ppm	0.0672	0.0001	0.1317	0.0673	0.0672
Mn2576-2	257.610 {1	Y_3710	ppm	0.0679	0.0004	0.5207	0.0682	0.0677
Mo2020	202.030 {4	Y_2243	ppm	0.0011	0.0002	19.23	0.0013	0.001
Na5895	589.592 { 5	Y_3710	ppm	4.191	0.0348	0.8309	4.215	4.166
Na8183	818.326 { 4	Y_3710	ppm	4.051	0.0281	0.693	4.031	4.071
Ni2316	231.604 {4	In2306	ppm	0.0027	0	1.494	0.0027	0.0027
P_1782	178.284 {4	In2306	ppm	0.1909	0.0003	0.1776	0.1907	0.1912

Pb2203	220.353 {4	In2306	ppm	0.0037	0.0002	5.663	0.0038	0.0035
S_1820	182.034 {4	Y_2243	ppm	-441.3	0.2988	0.0677	-441.5	-441.1
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0005	37.23	0.0019	0.0011
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0003	37.83	0.0009	0.0005
Si2516	251.611 {1	Y_3710	ppm	9.793	0.0408	0.4166	9.764	9.822
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0001	29.61	0.0006	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0814	0.0002	0.2852	0.0812	0.0816
Ti3349	334.904 {1	Y_3600	ppm	0.0186	0.0003	1.797	0.0189	0.0184
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.001	593.1	-0.0009	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0078	0.0005	5.929	0.0075	0.0081
Zn2062	206.200 {4	In2306	ppm	0.0338	0.0007	2.178	0.0333	0.0343

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	308.73	5.085	1.6471	305.14	312.33
In2306	230.606 {4	Cts/S	10074	40.416	0.40121	10045	10102
Y_2243	224.306 {4	Cts/S	13354	72.409	0.54221	13303	13406
Y_3600	360.073 { 9	Cts/S	60875	149.27	0.24521	60980	60769
Y_3710	371.030 { 9	Cts/S	15801	9.1994	0.05822	15795	15808

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	16.46	0.0005	0.0006
Al3082	308.215 {1	In2306	ppm	0.5201	0.0156	2.994	0.5311	0.5091
As1890	189.042 {4	Y_2243	ppm	0.0026	0.0003	12.04	0.0023	0.0028
B_2496	249.678 {1	Y_3710	ppm	0.4029	0.0036	0.8934	0.4004	0.4055
Ba4554	455.403 { 7	Y_3710	ppm	0.2316	0.0007	0.3027	0.2311	0.2321
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	6.867	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	34.1	0.2083	0.6108	34.24	33.95
Ca3181	318.128 {1	In2306	ppm	33.88	0.0991	0.2925	33.95	33.81
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	25.48	0.0002	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0002	639.4	-0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0003	13.18	0.0022	0.0018
Cu3247	324.754 {1	Y_3600	ppm	0.1126	0.0007	0.6227	0.1131	0.1121
Fe2404	240.488 {1	In2306	ppm	0.4347	0.0049	1.121	0.4312	0.4381
K_7664	766.490 { 4	Y_3710	ppm	12.87	0.1868	1.451	12.74	13
K_7698	769.896 { 4	Y_3710	ppm	12.72	0.1654	1.3	12.61	12.84
Li6707	670.784 { 5	Y_3710	ppm	0.0278	0.0003	1.201	0.0276	0.0281
Mg2790	279.079 {1	Y_3710	ppm	7.759	0.0483	0.6223	7.725	7.793
Mn2576	257.610 {1	Y_3600	ppm	0.0304	0.0001	0.478	0.0305	0.0303
Mn2576-2	257.610 {1	Y_3710	ppm	0.0307	0.0001	0.2047	0.0306	0.0307
Mo2020	202.030 {4	Y_2243	ppm	0.0026	0.0003	10.06	0.0027	0.0024
Na5895	589.592 { 5	Y_3710	ppm	186.6	1.629	0.8734	185.4	187.7
Na8183	818.326 { 4	Y_3710	ppm	193.8	0.8665	0.4472	193.2	194.4
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0001	11.5	0.0013	0.0011

P_1782	178.284 {4	In2306	ppm	6.837	0.2594	3.795	7.021	6.654
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0009	70.02	0.002	0.0007
S_1820	182.034 {4	Y_2243	ppm	-1226	27.72	2.26	-1246	-1207
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.0007	108.2	0.0002	0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0024	0.0003	11.09	0.0026	0.0022
Si2516	251.611 {1	Y_3710	ppm	7.831	0.0367	0.4682	7.805	7.857
Sn1899	189.989 {4	In2306	ppm	0.003	0.0001	4.145	0.0031	0.0029
Sr4215	421.552 { 8	Y_3710	ppm	0.6014	0.0009	0.1459	0.6008	0.602
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0003	11.98	0.0024	0.002
Tl1908	190.856 {4	In2306	ppm	0.0005	0.0011	229.6	0.0013	-0.0003
V_2924	292.402 {1	Y_3600	ppm	0.0016	0	2.713	0.0016	0.0016
Zn2062	206.200 {4	In2306	ppm	0.098	0.0025	2.532	0.0997	0.0962

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	299.84	0.00017	0.00006	299.84	299.84
In2306	230.606 {4	Cts/S	9032.6	46.89	0.51912	8999.4	9065.7
Y_2243	224.306 {4	Cts/S	12508	39.371	0.31476	12480	12536
Y_3600	360.073 { 9	Cts/S	62124	4.7176	0.00759	62127	62121
Y_3710	371.030 { 9	Cts/S	15908	96.991	0.60971	15976	15839

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0004	199.6	-0.0001	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0091	0.035	384.6	0.0157	-0.0339
As1890	189.042 {4	Y_2243	ppm	0.0017	0.0004	23.17	0.0019	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.3231	0.0014	0.4476	0.3241	0.3221
Ba4554	455.403 { 7	Y_3710	ppm	0.1401	0.0005	0.3869	0.1405	0.1398
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	40.42	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	38.88	0.0972	0.2501	38.81	38.94
Ca3181	318.128 {1	In2306	ppm	38.58	0.3694	0.9575	38.32	38.84
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	3.112	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	63.37	-0.0002	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0002	27.78	0.0009	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.014	0.0009	6.199	0.0146	0.0134
Fe2404	240.488 {1	In2306	ppm	0.0236	0.0052	21.92	0.0273	0.0199
K_7664	766.490 { 4	Y_3710	ppm	7.829	0.105	1.341	7.903	7.755
K_7698	769.896 { 4	Y_3710	ppm	7.789	0.1665	2.138	7.906	7.671
Li6707	670.784 { 5	Y_3710	ppm	0.0188	0.0005	2.454	0.0191	0.0184
Mg2790	279.079 {1	Y_3710	ppm	5.831	0.06	1.029	5.873	5.788
Mn2576	257.610 {1	Y_3600	ppm	0.0033	0.0001	1.865	0.0033	0.0034
Mn2576-2	257.610 {1	Y_3710	ppm	0.0033	0.0002	4.689	0.0034	0.0032
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0003	12.22	0.0024	0.002
Na5895	589.592 { 5	Y_3710	ppm	98.79	3.287	3.327	101.1	96.46
Na8183	818.326 { 4	Y_3710	ppm	100.4	0.5353	0.5331	100.8	100

Ni2316	231.604 {4	In2306	ppm	0.0016	0.0001	4.259	0.0017	0.0016
P_1782	178.284 {4	In2306	ppm	3.003	0.0034	0.1124	3.005	3
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0002	16.03	0.0014	0.0011
S_1820	182.034 {4	Y_2243	ppm	-919.4	3.429	0.3729	-921.8	-916.9
Sb2068	206.833 {4	Y_2243	ppm	-0.0004	0.0005	113.8	-0.0007	-0.0001
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0007	67.18	0.0015	0.0005
Si2516	251.611 {1	Y_3710	ppm	7.426	0.0935	1.259	7.492	7.36
Sn1899	189.989 {4	In2306	ppm	0.0018	0.0003	17.73	0.0015	0.002
Sr4215	421.552 { 8	Y_3710	ppm	0.3397	0.002	0.5891	0.3411	0.3382
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0	20.35	0.0002	0.0003
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0007	146.6	-0.0009	0
V_2924	292.402 {1	Y_3600	ppm	0.0024	0.0003	13.22	0.0021	0.0026
Zn2062	206.200 {4	In2306	ppm	0.0443	0.0001	0.1976	0.0442	0.0443

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	304.88	1.3746	0.45087	303.9	305.85
In2306	230.606 {4	Cts/S	9354.4	27.314	0.29199	9335.1	9373.7
Y_2243	224.306 {4	Cts/S	12746	29.071	0.22808	12725	12766
Y_3600	360.073 { 9	Cts/S	62215	73.405	0.11799	62163	62267
Y_3710	371.030 { 9	Cts/S	16035	104.56	0.65205	15961	16109

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	63.07	-0.0004	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0229	0.0044	19.44	0.0197	0.026
As1890	189.042 {4	Y_2243	ppm	0.0033	0	0.8439	0.0032	0.0033
B_2496	249.678 {1	Y_3710	ppm	0.3243	0.0038	1.163	0.3216	0.327
Ba4554	455.403 { 7	Y_3710	ppm	0.1415	0.0007	0.4726	0.1411	0.142
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	173.9	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	39.22	0.5144	1.312	38.85	39.58
Ca3181	318.128 {1	In2306	ppm	39.04	0.3747	0.9598	38.78	39.31
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	26.71	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0	0	85.41	0.0001	0
Cr2677	267.716 {1	Y_3600	ppm	0.0012	0.0003	25.82	0.0014	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0148	0.0001	0.7033	0.0149	0.0147
Fe2404	240.488 {1	In2306	ppm	0.0237	0.0059	24.9	0.0196	0.0279
K_7664	766.490 { 4	Y_3710	ppm	7.772	0.1096	1.41	7.694	7.849
K_7698	769.896 { 4	Y_3710	ppm	7.667	0.1512	1.972	7.561	7.774
Li6707	670.784 { 5	Y_3710	ppm	0.0191	0.0008	4.122	0.0186	0.0197
Mg2790	279.079 {1	Y_3710	ppm	5.775	0.0069	0.1203	5.78	5.77
Mn2576	257.610 {1	Y_3600	ppm	0.0035	0	0.6121	0.0034	0.0035
Mn2576-2	257.610 {1	Y_3710	ppm	0.0034	0.0005	14.49	0.003	0.0037
Mo2020	202.030 {4	Y_2243	ppm	0.0023	0.0001	4.715	0.0023	0.0022
Na5895	589.592 { 5	Y_3710	ppm	96.55	2.518	2.609	94.77	98.33

Na8183	818.326 { 4	Y_3710	ppm	101.1	1.023	1.012	100.4	101.8
Ni2316	231.604 {4	In2306	ppm	0.0013	0.0001	5.718	0.0013	0.0012
P_1782	178.284 {4	In2306	ppm	3.027	0.01	0.3304	3.034	3.02
Pb2203	220.353 {4	In2306	ppm	0.0003	0.001	355.3	0.001	-0.0004
S_1820	182.034 {4	Y_2243	ppm	-929.2	2.037	0.2193	-927.7	-930.6
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0005	59.37	0.0005	0.0012
Se1960	196.090 {4	Y_2243	ppm	-0.0001	0.0012	984.8	0.0007	-0.001
Si2516	251.611 {1	Y_3710	ppm	7.419	0.0094	0.1268	7.425	7.412
Sn1899	189.989 {4	In2306	ppm	0.0017	0.0004	24.21	0.002	0.0014
Sr4215	421.552 { 8	Y_3710	ppm	0.3424	0.0019	0.5664	0.341	0.3438
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0007	128.7	0.0001	0.0011
Tl1908	190.856 {4	In2306	ppm	0.0006	0.002	339.5	-0.0008	0.002
V_2924	292.402 {1	Y_3600	ppm	0.0021	0.0003	13.38	0.0023	0.0019
Zn2062	206.200 {4	In2306	ppm	0.0441	0.0002	0.4946	0.0443	0.044

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	306.56	5.9683	1.9469	310.78	302.34
In2306	230.606 {4	Cts/S	9342.9	22.768	0.24369	9359	9326.8
Y_2243	224.306 {4	Cts/S	12757	38.956	0.30536	12785	12730
Y_3600	360.073 { 9	Cts/S	61792	225.34	0.36467	61633	61952
Y_3710	371.030 { 9	Cts/S	16184	64.992	0.40158	16230	16138

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4938	0.0026	0.5316	0.4956	0.4919
Al3082	308.215 {1	In2306	ppm	10.26	0.1584	1.545	10.14	10.37
As1890	189.042 {4	Y_2243	ppm	1.035	0.0279	2.692	1.015	1.054
B_2496	249.678 {1	Y_3710	ppm	1.311	0.0023	0.1747	1.313	1.31
Ba4554	455.403 { 7	Y_3710	ppm	1.14	0.0029	0.2541	1.142	1.138
Be3130	313.042 {1	Y_3710	ppm	0.4847	0.0035	0.7286	0.4872	0.4822
Ca3158	315.887 {1	In2306	ppm	48.36	0.8747	1.809	48.98	47.75
Ca3181	318.128 {1	In2306	ppm	48.08	0.905	1.882	48.72	47.44
Cd2288	228.802 {4	Y_2243	ppm	0.5027	0.0164	3.27	0.4911	0.5143
Co2286	228.616 {4	In2306	ppm	1.001	0.0244	2.438	0.9833	1.018
Cr2677	267.716 {1	Y_3600	ppm	0.9173	0.0035	0.3853	0.9198	0.9148
Cu3247	324.754 {1	Y_3600	ppm	1.019	0.0094	0.9206	1.026	1.013
Fe2404	240.488 {1	In2306	ppm	9.869	0.104	1.053	9.942	9.795
K_7664	766.490 { 4	Y_3710	ppm	18.54	0.1081	0.5833	18.46	18.61
K_7698	769.896 { 4	Y_3710	ppm	18.61	0.2346	1.26	18.45	18.78
Li6707	670.784 { 5	Y_3710	ppm	0.5544	0.0078	1.408	0.5489	0.5599
Mg2790	279.079 {1	Y_3710	ppm	15.39	0.2138	1.389	15.54	15.24
Mn2576	257.610 {1	Y_3600	ppm	0.9256	0.0013	0.1397	0.9265	0.9247
Mn2576-2	257.610 {1	Y_3710	ppm	0.9549	0.0122	1.28	0.9636	0.9463
Mo2020	202.030 {4	Y_2243	ppm	1.013	0.0297	2.927	0.9923	1.034

Na5895	589.592 { 5	Y_3710	ppm	112.1	0.7149	0.6375	111.6	112.6
Na8183	818.326 { 4	Y_3710	ppm	114.3	0.1458	0.1276	114.2	114.4
Ni2316	231.604 {4	In2306	ppm	0.9981	0.0245	2.454	0.9808	1.015
P_1782	178.284 {4	In2306	ppm	3.047	0.0898	2.949	2.983	3.111
Pb2203	220.353 {4	In2306	ppm	0.9829	0.0235	2.391	0.9663	0.9995
S_1820	182.034 {4	Y_2243	ppm	-925.1	31.73	3.43	-902.6	-947.5
Sb2068	206.833 {4	Y_2243	ppm	0.9959	0.0295	2.957	0.9751	1.017
Se1960	196.090 {4	Y_2243	ppm	1.047	0.0368	3.511	1.021	1.073
Si2516	251.611 {1	Y_3710	ppm	7.923	0.119	1.502	8.007	7.839
Sn1899	189.989 {4	In2306	ppm	1.003	0.0211	2.106	0.9879	1.018
Sr4215	421.552 { 8	Y_3710	ppm	0.8494	0.0034	0.3962	0.8517	0.847
Ti3349	334.904 {1	Y_3600	ppm	0.9322	0.0004	0.042	0.9325	0.9319
Tl1908	190.856 {4	In2306	ppm	1.001	0.0188	1.882	0.9875	1.014
V_2924	292.402 {1	Y_3600	ppm	0.9384	0.0021	0.2189	0.9399	0.937
Zn2062	206.200 {4	In2306	ppm	1.039	0.0176	1.694	1.027	1.052

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	299.09	0.48996	0.16382	298.74	299.44
In2306	230.606 {4	Cts/S	9066.8	251.47	2.7736	9244.6	8889
Y_2243	224.306 {4	Cts/S	12669	413.23	3.2618	12961	12377
Y_3600	360.073 { 9	Cts/S	61807	274.45	0.44404	61613	62001
Y_3710	371.030 { 9	Cts/S	15703	20.636	0.13142	15688	15717

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Username=admin
Comment=
Custom ID1=
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Custom ID3=
Run Time=1/31/2012 9:45:15
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4941	0.0028	0.5683	0.4921	0.4961
Al3082	308.215 {1	In2306	ppm	9.881	0.011	0.1112	9.889	9.873
As1890	189.042 {4	Y_2243	ppm	1.019	0.002	0.192	1.02	1.017
B_2496	249.678 {1	Y_3710	ppm	1.291	0.004	0.3092	1.294	1.288
Ba4554	455.403 { 7	Y_3710	ppm	1.121	0.0003	0.0273	1.121	1.121
Be3130	313.042 {1	Y_3710	ppm	0.4782	0.0006	0.1307	0.4777	0.4786
Ca3158	315.887 {1	In2306	ppm	49.28	0.1707	0.3465	49.4	49.16
Ca3181	318.128 {1	In2306	ppm	48.85	0.117	0.2395	48.94	48.77
Cd2288	228.802 {4	Y_2243	ppm	0.4896	0.0013	0.2599	0.4905	0.4887
Co2286	228.616 {4	In2306	ppm	0.975	0.001	0.099	0.9743	0.9757
Cr2677	267.716 {1	Y_3600	ppm	0.9052	0.0029	0.3232	0.9073	0.9032
Cu3247	324.754 {1	Y_3600	ppm	1.021	0.0073	0.7159	1.016	1.026
Fe2404	240.488 {1	In2306	ppm	9.957	0.0482	0.4836	9.991	9.923
K_7664	766.490 { 4	Y_3710	ppm	17.8	0.2222	1.248	17.65	17.96
K_7698	769.896 { 4	Y_3710	ppm	17.74	0.1501	0.8462	17.63	17.84
Li6707	670.784 { 5	Y_3710	ppm	0.5262	0.0043	0.8247	0.5232	0.5293
Mg2790	279.079 {1	Y_3710	ppm	15.32	0.0486	0.3176	15.35	15.28
Mn2576	257.610 {1	Y_3600	ppm	0.9253	0.0013	0.1455	0.9243	0.9262
Mn2576-2	257.610 {1	Y_3710	ppm	0.9533	0.0011	0.1196	0.9541	0.9525

Mo2020	202.030 {4	Y_2243	ppm	0.9931	0.0074	0.7418	0.9983	0.9879
Na5895	589.592 { 5	Y_3710	ppm	108	3.085	2.857	105.8	110.2
Na8183	818.326 { 4	Y_3710	ppm	112.4	0.521	0.4634	112.1	112.8
Ni2316	231.604 {4	In2306	ppm	0.975	0.0021	0.2119	0.9765	0.9736
P_1782	178.284 {4	In2306	ppm	3.002	0.0277	0.9212	3.021	2.982
Pb2203	220.353 {4	In2306	ppm	0.9579	0.0006	0.0629	0.9575	0.9583
S_1820	182.034 {4	Y_2243	ppm	-908.1	4.746	0.5226	-911.5	-904.8
Sb2068	206.833 {4	Y_2243	ppm	0.9947	0.0175	1.755	1.007	0.9823
Se1960	196.090 {4	Y_2243	ppm	1.024	0.0058	0.5632	1.028	1.02
Si2516	251.611 {1	Y_3710	ppm	7.688	0.0533	0.6928	7.725	7.65
Sn1899	189.989 {4	In2306	ppm	0.9761	0.0021	0.2132	0.9747	0.9776
Sr4215	421.552 { 8	Y_3710	ppm	0.8368	0.001	0.1228	0.8361	0.8375
Ti3349	334.904 {1	Y_3600	ppm	0.9198	0.0033	0.3597	0.9175	0.9222
Tl1908	190.856 {4	In2306	ppm	0.9772	0.0078	0.8007	0.9828	0.9717
V_2924	292.402 {1	Y_3600	ppm	0.9437	0.0045	0.4741	0.9406	0.9469
Zn2062	206.200 {4	In2306	ppm	1.006	0.003	0.2935	1.004	1.008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	299.42	0.95756	0.3198	298.75	300.1
In2306	230.606 {4	Cts/S	9148.5	34.339	0.37535	9124.3	9172.8
Y_2243	224.306 {4	Cts/S	12748	88.927	0.69759	12685	12811
Y_3600	360.073 { 9	Cts/S	61598	171.46	0.27836	61719	61477
Y_3710	371.030 { 9	Cts/S	15845	26.934	0.16999	15864	15826

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Custom ID3=
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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2434	0.0005	0.1908	0.2431	0.2437
Al3082	308.215 {1	In2306	ppm	2.443	0.0028	0.1126	2.445	2.441
As1890	189.042 {4	Y_2243	ppm	0.5007	0.0027	0.5365	0.4988	0.5026
B_2496	249.678 {1	Y_3710	ppm	0.4846	0.0054	1.113	0.4808	0.4884
Ba4554	455.403 { 7	Y_3710	ppm	0.4853	0.0023	0.4733	0.4837	0.4869
Be3130	313.042 {1	Y_3710	ppm	0.4871	0.0034	0.6928	0.4847	0.4895
Ca3158	315.887 {1	In2306	ppm	12.42	0.1526	1.229	12.31	12.52
Ca3181	318.128 {1	In2306	ppm	12.37	0.0591	0.478	12.33	12.41
Cd2288	228.802 {4	Y_2243	ppm	0.4904	0.0003	0.0526	0.4902	0.4906
Co2286	228.616 {4	In2306	ppm	0.489	0.0022	0.4415	0.4874	0.4905
Cr2677	267.716 {1	Y_3600	ppm	0.4764	0.003	0.6311	0.4742	0.4785
Cu3247	324.754 {1	Y_3600	ppm	0.4856	0.0014	0.2841	0.4846	0.4866
Fe2404	240.488 {1	In2306	ppm	2.506	0.0052	0.2072	2.502	2.51
K_7664	766.490 { 4	Y_3710	ppm	12.2	0.1097	0.8988	12.12	12.28
K_7698	769.896 { 4	Y_3710	ppm	12.13	0.12	0.9894	12.05	12.22
Li6707	670.784 { 5	Y_3710	ppm	0.4931	0.0071	1.439	0.4881	0.4981
Mg2790	279.079 {1	Y_3710	ppm	4.808	0.0336	0.6996	4.785	4.832
Mn2576	257.610 {1	Y_3600	ppm	0.481	0.0012	0.2526	0.4801	0.4819

Mn2576-2	257.610 {1	Y_3710	ppm	0.4851	0.0016	0.3346	0.484	0.4863
Mo2020	202.030 {4	Y_2243	ppm	0.5111	0.0011	0.2136	0.5104	0.5119
Na5895	589.592 { 5	Y_3710	ppm	12.28	0.1531	1.246	12.18	12.39
Na8183	818.326 { 4	Y_3710	ppm	12.45	0.1824	1.466	12.32	12.58
Ni2316	231.604 {4	In2306	ppm	0.4902	0.0015	0.3057	0.4891	0.4913
P_1782	178.284 {4	In2306	ppm	-0.0025	0.0039	154	-0.0053	0.0002
Pb2203	220.353 {4	In2306	ppm	0.4873	0.0021	0.4235	0.4859	0.4888
S_1820	182.034 {4	Y_2243	ppm	-121.7	0.6018	0.4944	-121.3	-122.1
Sb2068	206.833 {4	Y_2243	ppm	0.5074	0.0008	0.1639	0.508	0.5068
Se1960	196.090 {4	Y_2243	ppm	0.5063	0.0035	0.688	0.5038	0.5087
Si2516	251.611 {1	Y_3710	ppm	0.8719	0.0253	2.9	0.854	0.8897
Sn1899	189.989 {4	In2306	ppm	0.4938	0.0014	0.2856	0.4928	0.4948
Sr4215	421.552 { 8	Y_3710	ppm	0.2504	0.002	0.7816	0.249	0.2518
Ti3349	334.904 {1	Y_3600	ppm	0.4782	0.0005	0.1	0.4779	0.4785
Tl1908	190.856 {4	In2306	ppm	0.5036	0.0047	0.9298	0.5069	0.5003
V_2924	292.402 {1	Y_3600	ppm	0.4862	0.0008	0.1699	0.4856	0.4868
Zn2062	206.200 {4	In2306	ppm	0.4823	0.0002	0.0344	0.4821	0.4824

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	309.47	1.9779	0.63913	310.87	308.07
In2306	230.606 {4	Cts/S	10042	21.381	0.21291	10057	10027
Y_2243	224.306 {4	Cts/S	13418	37.343	0.2783	13445	13392
Y_3600	360.073 { 9	Cts/S	61043	112.86	0.18489	61123	60963
Y_3710	371.030 { 9	Cts/S	16161	133.23	0.82439	16255	16067

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0043	0.0004	8.298	0.0045	0.004
Al3082	308.215 {1	In2306	ppm	0.1192	0.0248	20.76	0.1367	0.1017
As1890	189.042 {4	Y_2243	ppm	0.0153	0.0042	27.64	0.0123	0.0183
B_2496	249.678 {1	Y_3710	ppm	0.0129	0.0003	2.552	0.0127	0.0131
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0002	1.801	0.0099	0.0097
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.5109	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1124	0.0033	2.898	0.1101	0.1147
Ca3181	318.128 {1	In2306	ppm	0.0963	0.0125	13.01	0.1052	0.0875
Cd2288	228.802 {4	Y_2243	ppm	0.0092	0.0051	55.69	0.0056	0.0128
Co2286	228.616 {4	In2306	ppm	0.0144	0.0054	37.4	0.0106	0.0182
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0005	4.916	0.0101	0.0094
Cu3247	324.754 {1	Y_3600	ppm	0.0089	0.0001	1.514	0.0088	0.009
Fe2404	240.488 {1	In2306	ppm	0.1007	0.0059	5.852	0.1048	0.0965
K_7664	766.490 { 4	Y_3710	ppm	0.6222	0.0076	1.228	0.6276	0.6168
K_7698	769.896 { 4	Y_3710	ppm	0.599	0.0104	1.736	0.6063	0.5916
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0	0.0841	0.0095	0.0096
Mg2790	279.079 {1	Y_3710	ppm	0.1265	0.0273	21.58	0.1072	0.1459

Mn2576	257.610 {1	Y_3600	ppm	0.0097	0.0001	0.8788	0.0097	0.0096
Mn2576-2	257.610 {1	Y_3710	ppm	0.0097	0.0001	1.521	0.0096	0.0098
Mo2020	202.030 {4	Y_2243	ppm	0.0172	0.0067	38.67	0.0125	0.0219
Na5895	589.592 { 5	Y_3710	ppm	0.6303	0.0095	1.508	0.637	0.6235
Na8183	818.326 { 4	Y_3710	ppm	0.5334	0.0355	6.65	0.5585	0.5083
Ni2316	231.604 {4	In2306	ppm	0.0147	0.0052	35	0.0111	0.0184
P_1782	178.284 {4	In2306	ppm	0.0041	0.0002	5.206	0.004	0.0043
Pb2203	220.353 {4	In2306	ppm	0.0143	0.0037	25.62	0.0117	0.0169
S_1820	182.034 {4	Y_2243	ppm	-1.046	1.19	113.8	-0.2044	-1.887
Sb2068	206.833 {4	Y_2243	ppm	0.0238	0.0073	30.4	0.0187	0.029
Se1960	196.090 {4	Y_2243	ppm	0.0133	0.005	37.91	0.0097	0.0168
Si2516	251.611 {1	Y_3710	ppm	0.0116	0.0007	5.897	0.0121	0.0112
Sn1899	189.989 {4	In2306	ppm	0.0155	0.0058	37.76	0.0113	0.0196
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.705	0.0049	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0096	0.0002	2.079	0.0097	0.0094
Tl1908	190.856 {4	In2306	ppm	0.0205	0.0088	42.77	0.0143	0.0267
V_2924	292.402 {1	Y_3600	ppm	0.0101	0.0004	3.934	0.0103	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0137	0.0051	36.8	0.0102	0.0173

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	314.11	2.5161	0.80104	312.33	315.89
In2306	230.606 {4	Cts/S	10511	7.1911	0.06841	10516	10506
Y_2243	224.306 {4	Cts/S	13480	2.1446	0.01591	13478	13481
Y_3600	360.073 { 9	Cts/S	61671	81.452	0.13208	61613	61728
Y_3710	371.030 { 9	Cts/S	16179	69.848	0.43171	16130	16229

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0003	138.3	0.0005	0
Al3082	308.215 {1	In2306	ppm	0.0085	0.0168	197.1	0.0204	-0.0034
As1890	189.042 {4	Y_2243	ppm	0.0005	0.0006	117.5	0.0001	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0035	0.0026	74.94	0.0054	0.0017
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	118.6	0.0003	0
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	888.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.0129	0.0012	9.348	0.0137	0.012
Ca3181	318.128 {1	In2306	ppm	0.0364	0.0016	4.417	0.0353	0.0376
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0002	113.5	0	0.0003
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	88.12	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0	0.0003	15820	-0.0002	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0007	0.0003	44.66	0.0005	0.0009
Fe2404	240.488 {1	In2306	ppm	0.0002	0.0009	431.9	-0.0004	0.0009
K_7664	766.490 { 4	Y_3710	ppm	0.0202	0.0004	2.141	0.0199	0.0205
K_7698	769.896 { 4	Y_3710	ppm	-0.0025	0.0405	1604	-0.0312	0.0261
Li6707	670.784 { 5	Y_3710	ppm	0.0006	0.0005	82.47	0.0009	0.0002

Mg2790	279.079 {1	Y_3710	ppm	0.0172	0.0324	188.8	0.0401	-0.0058
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0.0001	105.8	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0028	0.0051	179.9	0.0064	-0.0008
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0	4.011	0.0007	0.0007
Na5895	589.592 { 5	Y_3710	ppm	-0.0031	0.0002	5.456	-0.0032	-0.0029
Na8183	818.326 { 4	Y_3710	ppm	-0.1196	0.0651	54.43	-0.1656	-0.0736
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0005	143.5	0	0.0007
P_1782	178.284 {4	In2306	ppm	-0.0064	0.001	16.08	-0.0071	-0.0057
Pb2203	220.353 {4	In2306	ppm	0.001	0.0006	62.94	0.0005	0.0014
S_1820	182.034 {4	Y_2243	ppm	-0.1535	0.023	15.01	-0.1698	-0.1372
Sb2068	206.833 {4	Y_2243	ppm	0.0039	0.0009	21.99	0.0045	0.0033
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0013	290	0.0014	-0.0005
Si2516	251.611 {1	Y_3710	ppm	0.0039	0.0011	27.38	0.0031	0.0047
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0002	67.12	0.0001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	140.3	0	0.0002
Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0.0005	103	-0.0001	-0.0008
Tl1908	190.856 {4	In2306	ppm	0.0025	0.0004	17.17	0.0028	0.0022
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0008	202.5	0.001	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0002	109.1	0	0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	317.65	1.2344	0.38862	316.78	318.52
In2306	230.606 {4	Cts/S	10657	101.55	0.95291	10729	10585
Y_2243	224.306 {4	Cts/S	13537	143.38	1.0592	13638	13436
Y_3600	360.073 { 9	Cts/S	60574	465.91	0.76915	60904	60245
Y_3710	371.030 { 9	Cts/S	16140	41.381	0.25639	16111	16169

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5045	0.0087	1.722	0.4984	0.5107
Al3082	308.215 {1	In2306	ppm	9.828	0.0028	0.0284	9.827	9.83
As1890	189.042 {4	Y_2243	ppm	1.032	0.0069	0.6718	1.027	1.037
B_2496	249.678 {1	Y_3710	ppm	1.293	0.008	0.6159	1.299	1.287
Ba4554	455.403 { 7	Y_3710	ppm	1.122	0.0043	0.3844	1.119	1.125
Be3130	313.042 {1	Y_3710	ppm	0.4743	0.0007	0.139	0.4748	0.4738
Ca3158	315.887 {1	In2306	ppm	48.36	0.758	1.568	47.82	48.89
Ca3181	318.128 {1	In2306	ppm	48.09	0.7511	1.562	47.56	48.62
Cd2288	228.802 {4	Y_2243	ppm	0.4981	0	0.0085	0.4982	0.4981
Co2286	228.616 {4	In2306	ppm	0.978	0.0003	0.0311	0.9778	0.9783
Cr2677	267.716 {1	Y_3600	ppm	0.933	0.0169	1.807	0.9211	0.945
Cu3247	324.754 {1	Y_3600	ppm	1.042	0.0206	1.981	1.027	1.056
Fe2404	240.488 {1	In2306	ppm	9.842	0.1365	1.387	9.745	9.938
K_7664	766.490 { 4	Y_3710	ppm	17.68	0.1403	0.7935	17.78	17.58
K_7698	769.896 { 4	Y_3710	ppm	17.63	0.0711	0.4034	17.68	17.58

Li6707	670.784 { 5	Y_3710	ppm	1.04	0.0098	0.9426	1.047	1.033
Mg2790	279.079 {1	Y_3710	ppm	15.22	0.0131	0.0863	15.23	15.21
Mn2576	257.610 {1	Y_3600	ppm	0.9566	0.0199	2.077	0.9425	0.9706
Mn2576-2	257.610 {1	Y_3710	ppm	0.9651	0.0004	0.0374	0.9653	0.9648
Mo2020	202.030 {4	Y_2243	ppm	0.9983	0	0.0006	0.9983	0.9983
Na5895	589.592 { 5	Y_3710	ppm	110.9	3.467	3.126	108.5	113.4
Na8183	818.326 { 4	Y_3710	ppm	111.3	0.0622	0.0559	111.3	111.2
Ni2316	231.604 {4	In2306	ppm	0.9915	0.0019	0.1875	0.9902	0.9928
P_1782	178.284 {4	In2306	ppm	4.041	0.0032	0.0786	4.043	4.039
Pb2203	220.353 {4	In2306	ppm	0.9729	0.0002	0.0239	0.9731	0.9727
S_1820	182.034 {4	Y_2243	ppm	-904.9	4.527	0.5003	-908.1	-901.7
Sb2068	206.833 {4	Y_2243	ppm	1.007	0.0086	0.8544	1.013	1.001
Se1960	196.090 {4	Y_2243	ppm	1.026	0.0002	0.0155	1.026	1.026
Si2516	251.611 {1	Y_3710	ppm	8.342	0.0159	0.1903	8.331	8.353
Sn1899	189.989 {4	In2306	ppm	0.9739	0.0023	0.2408	0.9755	0.9722
Sr4215	421.552 { 8	Y_3710	ppm	0.8324	0.0029	0.3532	0.8303	0.8345
Ti3349	334.904 {1	Y_3600	ppm	0.9447	0.0202	2.14	0.9304	0.959
Tl1908	190.856 {4	In2306	ppm	1.011	0.0013	0.1288	1.012	1.01
V_2924	292.402 {1	Y_3600	ppm	0.9588	0.0216	2.248	0.9436	0.9741
Zn2062	206.200 {4	In2306	ppm	1.02	0.0003	0.0292	1.02	1.021

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	302.07	4.2741	1.4149	305.1	299.05
In2306	230.606 {4	Cts/S	9093	45.433	0.49964	9125.2	9060.9
Y_2243	224.306 {4	Cts/S	12640	55.531	0.43933	12679	12601
Y_3600	360.073 { 9	Cts/S	60625	1043.4	1.7212	61363	59887
Y_3710	371.030 { 9	Cts/S	15840	24.011	0.15158	15823	15857

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0007	1022	-0.0005	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0123	0.0097	78.47	-0.0192	-0.0055
As1890	189.042 {4	Y_2243	ppm	0.0043	0.0052	119.4	0.0007	0.008
B_2496	249.678 {1	Y_3710	ppm	0.0691	0.0026	3.714	0.0673	0.0709
Ba4554	455.403 { 7	Y_3710	ppm	0.0285	0.0002	0.5888	0.0286	0.0283
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	30.91	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	7.489	0.0261	0.348	7.507	7.47
Ca3181	318.128 {1	In2306	ppm	7.457	0.0828	1.11	7.516	7.399
Cd2288	228.802 {4	Y_2243	ppm	0.0023	0.003	128	0.0002	0.0044
Co2286	228.616 {4	In2306	ppm	0.0047	0.006	127	0.0005	0.0089
Cr2677	267.716 {1	Y_3600	ppm	0	0.0001	2428	-0.0001	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0029	0	1.226	0.0029	0.0029
Fe2404	240.488 {1	In2306	ppm	0.0035	0.0028	81.1	0.0054	0.0015
K_7664	766.490 { 4	Y_3710	ppm	1.605	0.0284	1.77	1.585	1.625

K_7698	769.896 { 4	Y_3710	ppm	1.564	0.1217	7.783	1.65	1.478
Li6707	670.784 { 5	Y_3710	ppm	0.0037	0.0003	9.15	0.004	0.0035
Mg2790	279.079 {1	Y_3710	ppm	1.179	0.0341	2.892	1.155	1.203
Mn2576	257.610 {1	Y_3600	ppm	0.0008	0	2.057	0.0008	0.0009
Mn2576-2	257.610 {1	Y_3710	ppm	0.0008	0.0002	21.48	0.0009	0.0007
Mo2020	202.030 {4	Y_2243	ppm	0.0087	0.0077	88.09	0.0033	0.0141
Na5895	589.592 { 5	Y_3710	ppm	20.27	0.02	0.0985	20.26	20.29
Na8183	818.326 { 4	Y_3710	ppm	20.05	0.2029	1.012	20.2	19.91
Ni2316	231.604 {4	In2306	ppm	0.0049	0.0062	125.1	0.0006	0.0093
P_1782	178.284 {4	In2306	ppm	0.5634	0.0207	3.674	0.5488	0.578
Pb2203	220.353 {4	In2306	ppm	0.0042	0.0051	121.4	0.0006	0.0078
S_1820	182.034 {4	Y_2243	ppm	-178.8	3.022	1.69	-176.6	-180.9
Sb2068	206.833 {4	Y_2243	ppm	0.0157	0.0085	54.26	0.0096	0.0217
Se1960	196.090 {4	Y_2243	ppm	0.0049	0.0046	94.69	0.0016	0.0082
Si2516	251.611 {1	Y_3710	ppm	1.473	0.0044	0.3001	1.47	1.476
Sn1899	189.989 {4	In2306	ppm	0.0074	0.007	95.44	0.0024	0.0123
Sr4215	421.552 { 8	Y_3710	ppm	0.0685	0	0.0203	0.0685	0.0685
Ti3349	334.904 {1	Y_3600	ppm	0.0017	0.0002	12.32	0.0015	0.0018
Tl1908	190.856 {4	In2306	ppm	0.003	0.0035	116.9	0.0005	0.0054
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0002	22.86	0.0006	0.0008
Zn2062	206.200 {4	In2306	ppm	0.0204	0.0059	28.9	0.0162	0.0246

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	313.08	4.1894	1.3381	310.12	316.04
In2306	230.606 {4	Cts/S	10109	17.369	0.17181	10122	10097
Y_2243	224.306 {4	Cts/S	13310	8.4055	0.06315	13316	13304
Y_3600	360.073 { 9	Cts/S	61484	105.56	0.17168	61409	61558
Y_3710	371.030 { 9	Cts/S	16128	45.79	0.28392	16160	16096

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	51.52	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0062	0.0004	6.775	-0.0065	-0.0059
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0007	98.96	0.0011	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0032	0.0057	175.1	0.0072	-0.0008
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0	6.688	0.0002	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	398.9	0	0
Ca3158	315.887 {1	In2306	ppm	0.0079	0.0024	29.71	0.0063	0.0096
Ca3181	318.128 {1	In2306	ppm	0.0454	0.0047	10.39	0.0487	0.0421
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	587.9	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	58.83	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	2472	0.0003	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0001	0.0001	101.5	0	0.0001
Fe2404	240.488 {1	In2306	ppm	-0.0019	0.0113	605.8	-0.0098	0.0061

K_7664	766.490 { 4	Y_3710	ppm	0.0426	0.0106	24.83	0.05	0.0351
K_7698	769.896 { 4	Y_3710	ppm	-0.02	0.0264	132.4	-0.0013	-0.0387
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0003	87.2	-0.0005	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0135	0.0007	5.159	0.014	0.013
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	108.8	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0005	0.0007	144.7	-0.001	0
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0.0004	58.09	0.0004	0.0009
Na5895	589.592 { 5	Y_3710	ppm	-0.0028	0.0008	28.9	-0.0034	-0.0022
Na8183	818.326 { 4	Y_3710	ppm	0.0014	0.0781	5671	-0.0538	0.0566
Ni2316	231.604 {4	In2306	ppm	0.0003	0	13.17	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	-0.0041	0.0029	69.3	-0.0062	-0.0021
Pb2203	220.353 {4	In2306	ppm	0.0015	0.0007	46.73	0.0019	0.001
S_1820	182.034 {4	Y_2243	ppm	-1.778	0.2723	15.32	-1.585	-1.97
Sb2068	206.833 {4	Y_2243	ppm	0.0035	0.001	27.68	0.0042	0.0028
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0009	119.1	0.0014	0.0001
Si2516	251.611 {1	Y_3710	ppm	0.0015	0.0031	213.4	-0.0007	0.0036
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0003	62.95	0.0003	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	231.2	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0003	237	0.0004	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0019	144.8	0.0027	0
V_2924	292.402 {1	Y_3600	ppm	0.0004	0	13.34	0.0003	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0018	0.0003	15.29	0.0016	0.002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	303.79	2.0934	0.68907	302.31	305.27
In2306	230.606 {4	Cts/S	10572	380	3.5945	10840	10303
Y_2243	224.306 {4	Cts/S	13486	480.47	3.5627	13826	13147
Y_3600	360.073 { 9	Cts/S	60699	1791.2	2.951	61966	59432
Y_3710	371.030 { 9	Cts/S	16005	151.8	0.94844	15898	16112

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4802	0.0017	0.3602	0.479	0.4814
Al3082	308.215 {1	In2306	ppm	9.951	0.1725	1.734	10.07	9.829
As1890	189.042 {4	Y_2243	ppm	0.9869	0.0045	0.4527	0.99	0.9837
B_2496	249.678 {1	Y_3710	ppm	0.9734	0.0196	2.013	0.9873	0.9595
Ba4554	455.403 { 7	Y_3710	ppm	0.9717	0.0093	0.9526	0.9783	0.9652
Be3130	313.042 {1	Y_3710	ppm	0.4875	0.0015	0.3005	0.4885	0.4865
Ca3158	315.887 {1	In2306	ppm	9.698	0.0012	0.0119	9.699	9.698
Ca3181	318.128 {1	In2306	ppm	9.615	0.0541	0.5626	9.653	9.577
Cd2288	228.802 {4	Y_2243	ppm	0.4889	0.0018	0.375	0.4901	0.4876
Co2286	228.616 {4	In2306	ppm	0.9658	0.0057	0.5919	0.9699	0.9618
Cr2677	267.716 {1	Y_3600	ppm	0.9346	0.0015	0.1557	0.9335	0.9356
Cu3247	324.754 {1	Y_3600	ppm	0.9559	0.0024	0.2561	0.9542	0.9577

Fe2404	240.488 {1	In2306	ppm	9.829	0.0196	0.1992	9.843	9.815
K_7664	766.490 { 4	Y_3710	ppm	10.02	0.1771	1.767	10.15	9.895
K_7698	769.896 { 4	Y_3710	ppm	9.909	0.204	2.058	10.05	9.765
Li6707	670.784 { 5	Y_3710	ppm	0.5174	0.0131	2.539	0.5267	0.5081
Mg2790	279.079 {1	Y_3710	ppm	9.612	0.0167	0.1737	9.6	9.624
Mn2576	257.610 {1	Y_3600	ppm	0.9393	0.0019	0.2049	0.938	0.9407
Mn2576-2	257.610 {1	Y_3710	ppm	0.9597	0.0035	0.3687	0.9572	0.9622
Mo2020	202.030 {4	Y_2243	ppm	1.006	0.0085	0.8439	1.012	0.9996
Na5895	589.592 { 5	Y_3710	ppm	10.2	0.2114	2.072	10.35	10.06
Na8183	818.326 { 4	Y_3710	ppm	9.999	0.0951	0.9511	10.07	9.932
Ni2316	231.604 {4	In2306	ppm	0.9659	0.0074	0.7702	0.9711	0.9606
P_1782	178.284 {4	In2306	ppm	-0.0057	0.0011	18.54	-0.0064	-0.0049
Pb2203	220.353 {4	In2306	ppm	0.9611	0.0063	0.6532	0.9655	0.9566
S_1820	182.034 {4	Y_2243	ppm	-1.369	0.233	17.02	-1.204	-1.534
Sb2068	206.833 {4	Y_2243	ppm	0.9706	0.0055	0.5682	0.9745	0.9667
Se1960	196.090 {4	Y_2243	ppm	1.007	0.0011	0.1121	1.007	1.006
Si2516	251.611 {1	Y_3710	ppm	0.8474	0.0077	0.9129	0.842	0.8529
Sn1899	189.989 {4	In2306	ppm	0.9636	0.0093	0.9632	0.9702	0.957
Sr4215	421.552 { 8	Y_3710	ppm	0.4932	0.0028	0.56	0.4951	0.4912
Ti3349	334.904 {1	Y_3600	ppm	0.9316	0.0021	0.2272	0.9301	0.9331
Tl1908	190.856 {4	In2306	ppm	0.9844	0.0201	2.041	0.9986	0.9701
V_2924	292.402 {1	Y_3600	ppm	0.9423	0.0059	0.6261	0.9381	0.9465
Zn2062	206.200 {4	In2306	ppm	0.9425	0.0076	0.8111	0.9479	0.9371

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	307.08	3.7849	1.2325	304.4	309.75
In2306	230.606 {4	Cts/S	9915.8	9.9801	0.10065	9922.9	9908.8
Y_2243	224.306 {4	Cts/S	13271	23.487	0.17698	13288	13255
Y_3600	360.073 { 9	Cts/S	61608	323.45	0.52501	61837	61380
Y_3710	371.030 { 9	Cts/S	15931	133.05	0.83515	15837	16026

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0003	113.3	-0.0005	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0067	0.0041	61.3	0.0038	0.0096
As1890	189.042 {4	Y_2243	ppm	0.0061	0.0055	90.06	0.0022	0.01
B_2496	249.678 {1	Y_3710	ppm	0.0975	0.0028	2.845	0.0995	0.0955
Ba4554	455.403 { 7	Y_3710	ppm	0.0758	0.0009	1.178	0.0764	0.0751
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	15.21	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	114.2	1.918	1.68	115.5	112.8
Ca3181	318.128 {1	In2306	ppm	113.5	2.113	1.862	115	112
Cd2288	228.802 {4	Y_2243	ppm	0.0019	0.0025	129.1	0.0002	0.0037
Co2286	228.616 {4	In2306	ppm	0.0046	0.0054	117.7	0.0008	0.0084
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0007	104.8	0.0012	0.0002

Cu3247	324.754 {1	Y_3600	ppm	0.0019	0.0002	9.113	0.002	0.0018
Fe2404	240.488 {1	In2306	ppm	0.0331	0.0019	5.655	0.0344	0.0317
K_7664	766.490 { 4	Y_3710	ppm	3.144	0.0237	0.7536	3.161	3.127
K_7698	769.896 { 4	Y_3710	ppm	3.23	0.0102	0.3172	3.237	3.223
Li6707	670.784 { 5	Y_3710	ppm	0.0091	0.0002	1.96	0.0092	0.0089
Mg2790	279.079 {1	Y_3710	ppm	3.992	0.0434	1.087	3.962	4.023
Mn2576	257.610 {1	Y_3600	ppm	0.0531	0.0004	0.6983	0.0534	0.0528
Mn2576-2	257.610 {1	Y_3710	ppm	0.0542	0.0002	0.3649	0.0543	0.054
Mo2020	202.030 {4	Y_2243	ppm	0.0094	0.0069	73.29	0.0045	0.0142
Na5895	589.592 { 5	Y_3710	ppm	39.73	0.3396	0.8547	39.97	39.49
Na8183	818.326 { 4	Y_3710	ppm	38.45	0.0432	0.1124	38.48	38.42
Ni2316	231.604 {4	In2306	ppm	0.0061	0.0053	86.5	0.0024	0.0099
P_1782	178.284 {4	In2306	ppm	0.0034	0.0003	7.452	0.0036	0.0032
Pb2203	220.353 {4	In2306	ppm	0.0046	0.0043	93.1	0.0016	0.0077
S_1820	182.034 {4	Y_2243	ppm	-5477	31.27	0.571	-5499	-5454
Sb2068	206.833 {4	Y_2243	ppm	0.018	0.0068	37.65	0.0132	0.0228
Se1960	196.090 {4	Y_2243	ppm	0.0058	0.0032	55.98	0.0035	0.008
Si2516	251.611 {1	Y_3710	ppm	1.211	0.0016	0.1339	1.212	1.21
Sn1899	189.989 {4	In2306	ppm	0.0072	0.0068	93.87	0.0024	0.012
Sr4215	421.552 { 8	Y_3710	ppm	1.131	0.0018	0.1622	1.132	1.129
Ti3349	334.904 {1	Y_3600	ppm	0.0013	0.0005	37.85	0.0016	0.0009
Tl1908	190.856 {4	In2306	ppm	0.0094	0.0081	85.59	0.0037	0.0151
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0005	29.66	0.0019	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0066	0.0052	79.05	0.0029	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	305.35	5.3306	1.7457	301.58	309.12
In2306	230.606 {4	Cts/S	9325.2	7.127	0.07643	9330.2	9320.2
Y_2243	224.306 {4	Cts/S	12562	11.91	0.09481	12570	12553
Y_3600	360.073 { 9	Cts/S	61847	496.69	0.80309	61496	62198
Y_3710	371.030 { 9	Cts/S	15915	68.858	0.43266	15866	15964

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5048	0.0117	2.326	0.5131	0.4965
Al3082	308.215 {1	In2306	ppm	10.36	0.0811	0.7829	10.3	10.42
As1890	189.042 {4	Y_2243	ppm	1.048	0.0097	0.9219	1.055	1.042
B_2496	249.678 {1	Y_3710	ppm	1.079	0.002	0.184	1.081	1.078
Ba4554	455.403 { 7	Y_3710	ppm	1.071	0.0037	0.3421	1.069	1.074
Be3130	313.042 {1	Y_3710	ppm	0.4878	0.002	0.417	0.4893	0.4864
Ca3158	315.887 {1	In2306	ppm	130.4	1.982	1.52	131.8	129
Ca3181	318.128 {1	In2306	ppm	129.6	1.781	1.374	130.9	128.4
Cd2288	228.802 {4	Y_2243	ppm	0.5062	0.0024	0.475	0.5079	0.5045
Co2286	228.616 {4	In2306	ppm	0.9891	0.0061	0.6213	0.9934	0.9847

Cr2677	267.716 {1	Y_3600	ppm	0.9328	0.0195	2.088	0.9466	0.919
Cu3247	324.754 {1	Y_3600	ppm	1.034	0.0229	2.212	1.051	1.018
Fe2404	240.488 {1	In2306	ppm	10.18	0.0839	0.8238	10.24	10.12
K_7664	766.490 { 4	Y_3710	ppm	13.42	0.2628	1.959	13.23	13.6
K_7698	769.896 { 4	Y_3710	ppm	13.37	0.3416	2.556	13.12	13.61
Li6707	670.784 { 5	Y_3710	ppm	0.5331	0.0207	3.892	0.5184	0.5478
Mg2790	279.079 {1	Y_3710	ppm	13.73	0.1337	0.9738	13.83	13.64
Mn2576	257.610 {1	Y_3600	ppm	0.9989	0.0219	2.188	1.014	0.9834
Mn2576-2	257.610 {1	Y_3710	ppm	1.02	0.007	0.6895	1.025	1.015
Mo2020	202.030 {4	Y_2243	ppm	1.024	0.0079	0.7717	1.029	1.018
Na5895	589.592 { 5	Y_3710	ppm	50.63	1.44	2.844	49.61	51.65
Na8183	818.326 { 4	Y_3710	ppm	50.09	0.7929	1.583	49.53	50.65
Ni2316	231.604 {4	In2306	ppm	0.9897	0.0079	0.8016	0.9954	0.9841
P_1782	178.284 {4	In2306	ppm	0.0358	0.0003	0.9065	0.0361	0.0356
Pb2203	220.353 {4	In2306	ppm	0.9767	0.0052	0.5325	0.9804	0.973
S_1820	182.034 {4	Y_2243	ppm	-5529	6.843	0.1238	-5534	-5524
Sb2068	206.833 {4	Y_2243	ppm	1.016	0.0065	0.6389	1.02	1.011
Se1960	196.090 {4	Y_2243	ppm	1.061	0.0041	0.3863	1.064	1.058
Si2516	251.611 {1	Y_3710	ppm	2.13	0.02	0.9372	2.116	2.144
Sn1899	189.989 {4	In2306	ppm	0.9863	0.0075	0.7562	0.9916	0.9811
Sr4215	421.552 { 8	Y_3710	ppm	1.664	0.003	0.1783	1.662	1.666
Ti3349	334.904 {1	Y_3600	ppm	0.9469	0.0235	2.478	0.9635	0.9303
Tl1908	190.856 {4	In2306	ppm	0.9981	0.0181	1.818	1.011	0.9852
V_2924	292.402 {1	Y_3600	ppm	0.9607	0.0201	2.092	0.9749	0.9464
Zn2062	206.200 {4	In2306	ppm	0.9724	0.0061	0.6281	0.9767	0.9681

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	294.06	2.216	0.75359	295.63	292.5
In2306	230.606 {4	Cts/S	9068.7	3.4506	0.03805	9066.3	9071.2
Y_2243	224.306 {4	Cts/S	12464	6.0852	0.04882	12469	12460
Y_3600	360.073 { 9	Cts/S	60341	1059.8	1.7564	59591	61090
Y_3710	371.030 { 9	Cts/S	15634	92.808	0.59363	15700	15568

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4966	0.0008	0.169	0.496	0.4972
Al3082	308.215 {1	In2306	ppm	9.941	0.2431	2.446	9.769	10.11
As1890	189.042 {4	Y_2243	ppm	1.049	0.0042	0.4042	1.052	1.046
B_2496	249.678 {1	Y_3710	ppm	1.053	0.0354	3.356	1.028	1.078
Ba4554	455.403 { 7	Y_3710	ppm	1.042	0.0381	3.655	1.015	1.069
Be3130	313.042 {1	Y_3710	ppm	0.4706	0.0141	3	0.4606	0.4806
Ca3158	315.887 {1	In2306	ppm	127.2	4.374	3.44	124.1	130.2
Ca3181	318.128 {1	In2306	ppm	126.3	3.931	3.112	123.5	129.1
Cd2288	228.802 {4	Y_2243	ppm	0.5081	0.0018	0.3618	0.5094	0.5068

Co2286	228.616 {4	In2306	ppm	0.9906	0.0044	0.4429	0.9937	0.9875
Cr2677	267.716 {1	Y_3600	ppm	0.9194	0.0034	0.3693	0.9218	0.917
Cu3247	324.754 {1	Y_3600	ppm	1.018	0.0019	0.182	1.019	1.016
Fe2404	240.488 {1	In2306	ppm	9.826	0.3496	3.558	9.579	10.07
K_7664	766.490 { 4	Y_3710	ppm	13.02	0.5046	3.876	12.66	13.38
K_7698	769.896 { 4	Y_3710	ppm	12.98	0.4397	3.388	12.66	13.29
Li6707	670.784 { 5	Y_3710	ppm	0.521	0.0238	4.561	0.5042	0.5378
Mg2790	279.079 {1	Y_3710	ppm	13.23	0.4451	3.363	12.92	13.55
Mn2576	257.610 {1	Y_3600	ppm	0.9869	0.0043	0.4406	0.99	0.9838
Mn2576-2	257.610 {1	Y_3710	ppm	0.9878	0.033	3.343	0.9645	1.011
Mo2020	202.030 {4	Y_2243	ppm	1.029	0.0047	0.4604	1.032	1.026
Na5895	589.592 { 5	Y_3710	ppm	49.4	1.99	4.029	47.99	50.8
Na8183	818.326 { 4	Y_3710	ppm	49.01	2.046	4.174	47.57	50.46
Ni2316	231.604 {4	In2306	ppm	0.9905	0.0049	0.497	0.994	0.987
P_1782	178.284 {4	In2306	ppm	0.0035	0.0012	33.33	0.0027	0.0044
Pb2203	220.353 {4	In2306	ppm	0.9791	0.006	0.6148	0.9834	0.9749
S_1820	182.034 {4	Y_2243	ppm	-5556	14.24	0.2562	-5566	-5546
Sb2068	206.833 {4	Y_2243	ppm	1.029	0.0049	0.4794	1.033	1.026
Se1960	196.090 {4	Y_2243	ppm	1.061	0.0012	0.1161	1.062	1.061
Si2516	251.611 {1	Y_3710	ppm	2.065	0.0663	3.213	2.018	2.112
Sn1899	189.989 {4	In2306	ppm	0.9923	0.004	0.3993	0.9951	0.9895
Sr4215	421.552 { 8	Y_3710	ppm	1.623	0.0602	3.71	1.581	1.666
Ti3349	334.904 {1	Y_3600	ppm	0.9318	0.0005	0.0487	0.9322	0.9315
Tl1908	190.856 {4	In2306	ppm	0.9837	0.0127	1.295	0.9927	0.9747
V_2924	292.402 {1	Y_3600	ppm	0.9504	0.0047	0.4908	0.9537	0.9471
Zn2062	206.200 {4	In2306	ppm	0.9732	0.004	0.4093	0.976	0.9704

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	300.43	9.3544	3.1137	307.05	293.82
In2306	230.606 {4	Cts/S	9033.6	9.7085	0.10747	9026.7	9040.4
Y_2243	224.306 {4	Cts/S	12402	2.9159	0.02351	12400	12404
Y_3600	360.073 { 9	Cts/S	61090	127.1	0.20805	61000	61180
Y_3710	371.030 { 9	Cts/S	16019	439.87	2.746	16330	15708

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0003	47.79	-0.0008	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0244	0.0127	52.08	0.0154	0.0334
As1890	189.042 {4	Y_2243	ppm	0.0048	0.0049	100.7	0.0014	0.0083
B_2496	249.678 {1	Y_3710	ppm	0.0963	0.0032	3.313	0.0986	0.094
Ba4554	455.403 { 7	Y_3710	ppm	0.0768	0.0001	0.0957	0.0768	0.0769
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	318.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	121.9	0.8236	0.6757	121.3	122.5
Ca3181	318.128 {1	In2306	ppm	121.2	1.003	0.8274	120.5	121.9

Cd2288	228.802 {4	Y_2243	ppm	0.002	0.0023	114.1	0.0004	0.0036
Co2286	228.616 {4	In2306	ppm	0.0041	0.0052	127.9	0.0004	0.0077
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0	4.933	0.0008	0.0009
Cu3247	324.754 {1	Y_3600	ppm	0.0038	0.0004	9.55	0.0036	0.0041
Fe2404	240.488 {1	In2306	ppm	0.0376	0.0003	0.6929	0.0374	0.0377
K_7664	766.490 { 4	Y_3710	ppm	3.191	0.0136	0.425	3.181	3.2
K_7698	769.896 { 4	Y_3710	ppm	3.165	0.0378	1.193	3.192	3.138
Li6707	670.784 { 5	Y_3710	ppm	0.0088	0.0002	1.956	0.0086	0.0089
Mg2790	279.079 {1	Y_3710	ppm	4.064	0.0426	1.049	4.033	4.094
Mn2576	257.610 {1	Y_3600	ppm	0.0525	0.0002	0.4342	0.0524	0.0527
Mn2576-2	257.610 {1	Y_3710	ppm	0.0524	0.0014	2.669	0.0514	0.0534
Mo2020	202.030 {4	Y_2243	ppm	0.0094	0.0066	70.49	0.0047	0.0141
Na5895	589.592 { 5	Y_3710	ppm	39.73	0.1399	0.352	39.63	39.83
Na8183	818.326 { 4	Y_3710	ppm	39.27	0.0381	0.0971	39.3	39.25
Ni2316	231.604 {4	In2306	ppm	0.0057	0.005	89.19	0.0021	0.0092
P_1782	178.284 {4	In2306	ppm	0.0254	0.0013	4.931	0.0263	0.0245
Pb2203	220.353 {4	In2306	ppm	0.0037	0.004	107.8	0.0009	0.0065
S_1820	182.034 {4	Y_2243	ppm	-5577	3.356	0.0602	-5575	-5580
Sb2068	206.833 {4	Y_2243	ppm	0.0196	0.0063	32.35	0.0151	0.0241
Se1960	196.090 {4	Y_2243	ppm	0.0047	0.0032	67.43	0.0025	0.007
Si2516	251.611 {1	Y_3710	ppm	1.241	0.0073	0.5874	1.236	1.246
Sn1899	189.989 {4	In2306	ppm	0.0061	0.0061	100.7	0.0017	0.0104
Sr4215	421.552 { 8	Y_3710	ppm	1.157	0.0029	0.2473	1.16	1.155
Ti3349	334.904 {1	Y_3600	ppm	0.002	0.0006	27.85	0.0016	0.0024
Tl1908	190.856 {4	In2306	ppm	0.0117	0.0078	66.39	0.0062	0.0172
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0001	4.544	0.0012	0.0013
Zn2062	206.200 {4	In2306	ppm	0.0062	0.0048	77.45	0.0028	0.0096

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	298.94	1.8298	0.6121	297.65	300.24
In2306	230.606 {4	Cts/S	9311.8	0.86163	0.00925	9311.2	9312.4
Y_2243	224.306 {4	Cts/S	12531	7.0759	0.05647	12526	12536
Y_3600	360.073 { 9	Cts/S	61257	452.54	0.73876	61577	60937
Y_3710	371.030 { 9	Cts/S	16001	41.198	0.25748	16030	15971

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0011	320	0.0011	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0384	0.0059	15.31	0.0342	0.0425
As1890	189.042 {4	Y_2243	ppm	0.0026	0.0016	64.3	0.0037	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0971	0.0004	0.4587	0.0968	0.0975
Ba4554	455.403 { 7	Y_3710	ppm	0.0753	0.0006	0.7337	0.0749	0.0757
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	64.09	0	0.0001
Ca3158	315.887 {1	In2306	ppm	117.2	1.055	0.9002	116.4	117.9

Ca3181	318.128 {1	In2306	ppm	116.3	0.5895	0.5069	115.9	116.7
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	76.02	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0003	0.0002	53.57	0.0002	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0002	29.78	0.001	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0015	0.0003	22.27	0.0013	0.0017
Fe2404	240.488 {1	In2306	ppm	0.0368	0.0079	21.47	0.0312	0.0423
K_7664	766.490 { 4	Y_3710	ppm	3.146	0.0877	2.787	3.084	3.208
K_7698	769.896 { 4	Y_3710	ppm	3.147	0.1076	3.418	3.071	3.223
Li6707	670.784 { 5	Y_3710	ppm	0.009	0.0002	1.982	0.0088	0.0091
Mg2790	279.079 {1	Y_3710	ppm	4.023	0.0249	0.6195	4.04	4.005
Mn2576	257.610 {1	Y_3600	ppm	0.0449	0	0.0007	0.0449	0.0449
Mn2576-2	257.610 {1	Y_3710	ppm	0.0453	0.0011	2.496	0.0445	0.0461
Mo2020	202.030 {4	Y_2243	ppm	0.0029	0.0003	9.472	0.0027	0.0031
Na5895	589.592 { 5	Y_3710	ppm	39.68	0.9519	2.399	39.01	40.36
Na8183	818.326 { 4	Y_3710	ppm	39.17	0.2391	0.6104	39	39.34
Ni2316	231.604 {4	In2306	ppm	0.0017	0.0001	4.588	0.0017	0.0018
P_1782	178.284 {4	In2306	ppm	0.015	0.0007	4.81	0.0145	0.0155
Pb2203	220.353 {4	In2306	ppm	0.0013	0.001	75.03	0.0006	0.002
S_1820	182.034 {4	Y_2243	ppm	-5584	13.44	0.2406	-5593	-5574
Sb2068	206.833 {4	Y_2243	ppm	0.0044	0.0003	7.529	0.0041	0.0046
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0005	21.87	0.0029	0.0021
Si2516	251.611 {1	Y_3710	ppm	1.117	0.0313	2.801	1.095	1.14
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0003	115	0.0001	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	1.157	0.0101	0.8718	1.15	1.164
Ti3349	334.904 {1	Y_3600	ppm	0.001	0	3.551	0.001	0.001
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0005	27.69	0.0016	0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0015	0.0002	10.67	0.0016	0.0013
Zn2062	206.200 {4	In2306	ppm	0.0028	0.0002	5.543	0.0027	0.0029

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	301.45	6.2475	2.0725	305.87	297.03
In2306	230.606 {4	Cts/S	9266.3	35.569	0.38386	9241.1	9291.4
Y_2243	224.306 {4	Cts/S	12438	45.19	0.36331	12406	12470
Y_3600	360.073 { 9	Cts/S	61679	45.837	0.07432	61646	61711
Y_3710	371.030 { 9	Cts/S	15986	95.556	0.59776	16053	15918

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0005	309.8	-0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	0.0119	0.0086	72.02	0.018	0.0059
As1890	189.042 {4	Y_2243	ppm	0.0028	0.0012	44.63	0.0036	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0968	0.0052	5.327	0.1004	0.0931
Ba4554	455.403 { 7	Y_3710	ppm	0.0732	0.0006	0.7701	0.0736	0.0728
Be3130	313.042 {1	Y_3710	ppm	0	0	85.5	0	-0.0001

Ca3158	315.887 {1	In2306	ppm	117.4	0.4791	0.4081	117.7	117
Ca3181	318.128 {1	In2306	ppm	116.4	0.7057	0.6061	116.9	115.9
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	55.42	0.0002	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	77870	-0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0002	38.89	0.0004	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0028	0.0002	7.768	0.0029	0.0026
Fe2404	240.488 {1	In2306	ppm	0.04	0.0032	8.121	0.0423	0.0377
K_7664	766.490 { 4	Y_3710	ppm	3.145	0.0262	0.8343	3.163	3.126
K_7698	769.896 { 4	Y_3710	ppm	3.046	0.0298	0.9795	3.067	3.025
Li6707	670.784 { 5	Y_3710	ppm	0.0087	0	0.0468	0.0087	0.0087
Mg2790	279.079 {1	Y_3710	ppm	4.092	0.0729	1.781	4.143	4.04
Mn2576	257.610 {1	Y_3600	ppm	0.0379	0.0001	0.3588	0.038	0.0378
Mn2576-2	257.610 {1	Y_3710	ppm	0.0383	0.0001	0.2581	0.0384	0.0382
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0001	4.286	0.0026	0.0025
Na5895	589.592 { 5	Y_3710	ppm	39.7	0.4767	1.201	40.03	39.36
Na8183	818.326 { 4	Y_3710	ppm	39.46	0.3539	0.8968	39.71	39.21
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0002	10.86	0.0014	0.0017
P_1782	178.284 {4	In2306	ppm	0.0156	0.0002	1.254	0.0155	0.0157
Pb2203	220.353 {4	In2306	ppm	0.0016	0.0003	21.86	0.0013	0.0018
S_1820	182.034 {4	Y_2243	ppm	-5701	35.82	0.6284	-5726	-5675
Sb2068	206.833 {4	Y_2243	ppm	0.0021	0.0014	65.21	0.0031	0.0011
Se1960	196.090 {4	Y_2243	ppm	0.0019	0	1.724	0.0019	0.0019
Si2516	251.611 {1	Y_3710	ppm	0.9614	0.0047	0.4901	0.9648	0.9581
Sn1899	189.989 {4	In2306	ppm	0.0001	0	13.6	0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.165	0.0112	0.9601	1.172	1.157
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0002	55.54	0.0005	0.0002
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0012	915	-0.0007	0.001
V_2924	292.402 {1	Y_3600	ppm	0.001	0.0001	11.57	0.0009	0.001
Zn2062	206.200 {4	In2306	ppm	0.0029	0	0.456	0.003	0.0029

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	302.78	2.4301	0.80262	301.06	304.49
In2306	230.606 {4	Cts/S	9283.1	24.885	0.26807	9265.5	9300.7
Y_2243	224.306 {4	Cts/S	12471	47.546	0.38126	12437	12504
Y_3600	360.073 { 9	Cts/S	61641	175.89	0.28535	61517	61766
Y_3710	371.030 { 9	Cts/S	16109	96.319	0.59792	16041	16177

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 10:20:27
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2429	0.0006	0.2519	0.2433	0.2425
Al3082	308.215 {1	In2306	ppm	2.487	0.0077	0.3108	2.481	2.492
As1890	189.042 {4	Y_2243	ppm	0.5048	0.0068	1.339	0.5096	0.5
B_2496	249.678 {1	Y_3710	ppm	0.4781	0.0039	0.8209	0.4753	0.4809
Ba4554	455.403 { 7	Y_3710	ppm	0.4793	0.0026	0.534	0.4811	0.4775

Be3130	313.042 {1	Y_3710	ppm	0.4771	0.0044	0.9208	0.4802	0.474
Ca3158	315.887 {1	In2306	ppm	12.28	0.1593	1.297	12.39	12.17
Ca3181	318.128 {1	In2306	ppm	11.97	0.4061	3.392	12.26	11.69
Cd2288	228.802 {4	Y_2243	ppm	0.4941	0.0036	0.7274	0.4966	0.4916
Co2286	228.616 {4	In2306	ppm	0.4869	0.0038	0.7859	0.4896	0.4842
Cr2677	267.716 {1	Y_3600	ppm	0.473	0.0059	1.25	0.4771	0.4688
Cu3247	324.754 {1	Y_3600	ppm	0.4862	0.0029	0.5947	0.4882	0.4841
Fe2404	240.488 {1	In2306	ppm	2.449	0.0199	0.8138	2.463	2.435
K_7664	766.490 { 4	Y_3710	ppm	12.22	0.0179	0.1461	12.23	12.21
K_7698	769.896 { 4	Y_3710	ppm	12.04	0.0562	0.467	12.08	12
Li6707	670.784 { 5	Y_3710	ppm	0.5048	0.0025	0.5031	0.503	0.5066
Mg2790	279.079 {1	Y_3710	ppm	4.712	0.0663	1.408	4.759	4.665
Mn2576	257.610 {1	Y_3600	ppm	0.4771	0.0005	0.1076	0.4768	0.4775
Mn2576-2	257.610 {1	Y_3710	ppm	0.4743	0.0055	1.159	0.4782	0.4704
Mo2020	202.030 {4	Y_2243	ppm	0.5155	0.0045	0.8657	0.5187	0.5124
Na5895	589.592 { 5	Y_3710	ppm	12.47	0.0076	0.0612	12.47	12.48
Na8183	818.326 { 4	Y_3710	ppm	12.35	0.124	1.004	12.43	12.26
Ni2316	231.604 {4	In2306	ppm	0.4917	0.0034	0.696	0.4941	0.4893
P_1782	178.284 {4	In2306	ppm	-0.0054	0.0012	21.94	-0.0063	-0.0046
Pb2203	220.353 {4	In2306	ppm	0.4853	0.0046	0.951	0.4886	0.482
S_1820	182.034 {4	Y_2243	ppm	-151.3	31.55	20.85	-129	-173.6
Sb2068	206.833 {4	Y_2243	ppm	0.4976	0.005	1.005	0.5012	0.4941
Se1960	196.090 {4	Y_2243	ppm	0.5167	0.0009	0.1739	0.516	0.5173
Si2516	251.611 {1	Y_3710	ppm	0.8457	0.012	1.414	0.8373	0.8542
Sn1899	189.989 {4	In2306	ppm	0.4859	0.0053	1.093	0.4896	0.4821
Sr4215	421.552 { 8	Y_3710	ppm	0.2478	0.0012	0.4641	0.2486	0.247
Ti3349	334.904 {1	Y_3600	ppm	0.474	0.0015	0.3172	0.4729	0.475
Tl1908	190.856 {4	In2306	ppm	0.4926	0.0096	1.956	0.4994	0.4858
V_2924	292.402 {1	Y_3600	ppm	0.4795	0.0007	0.15	0.479	0.4801
Zn2062	206.200 {4	In2306	ppm	0.4771	0.005	1.058	0.4807	0.4735

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	308.51	0.74827	0.24254	307.98	309.04
In2306	230.606 {4	Cts/S	9900.4	29.397	0.29693	9921.2	9879.6
Y_2243	224.306 {4	Cts/S	13089	68.854	0.52603	13138	13041
Y_3600	360.073 { 9	Cts/S	61332	48.244	0.07866	61298	61366
Y_3710	371.030 { 9	Cts/S	16272	95.12	0.58457	16204	16339

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0.001	20.58	0.0043	0.0058
Al3082	308.215 {1	In2306	ppm	0.0982	0.0223	22.71	0.0825	0.114
As1890	189.042 {4	Y_2243	ppm	0.0104	0.0009	8.438	0.0098	0.011
B_2496	249.678 {1	Y_3710	ppm	0.0142	0.0007	4.831	0.0147	0.0137

Ba4554	455.403 { 7	Y_3710	ppm	0.0099	0.0001	0.5431	0.0099	0.0099
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0001	1.088	0.0049	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1128	0.0071	6.326	0.1179	0.1078
Ca3181	318.128 {1	In2306	ppm	0.1563	0.0184	11.76	0.1693	0.1433
Cd2288	228.802 {4	Y_2243	ppm	0.0056	0.0007	12.32	0.0051	0.0061
Co2286	228.616 {4	In2306	ppm	0.0102	0.0009	9.311	0.0095	0.0108
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0005	5.564	0.0093	0.0101
Cu3247	324.754 {1	Y_3600	ppm	0.01	0.0001	1.341	0.0099	0.0101
Fe2404	240.488 {1	In2306	ppm	0.1046	0.0068	6.54	0.0997	0.1094
K_7664	766.490 { 4	Y_3710	ppm	0.6129	0.0055	0.8923	0.6168	0.6091
K_7698	769.896 { 4	Y_3710	ppm	0.5285	0.0234	4.433	0.5119	0.5451
Li6707	670.784 { 5	Y_3710	ppm	0.0093	0.0006	6.615	0.0098	0.0089
Mg2790	279.079 {1	Y_3710	ppm	0.1123	0.0015	1.333	0.1112	0.1134
Mn2576	257.610 {1	Y_3600	ppm	0.0098	0	0.1692	0.0098	0.0098
Mn2576-2	257.610 {1	Y_3710	ppm	0.0094	0.0006	6.79	0.009	0.0099
Mo2020	202.030 {4	Y_2243	ppm	0.0122	0.0013	10.58	0.0113	0.0132
Na5895	589.592 { 5	Y_3710	ppm	0.5886	0.0054	0.917	0.5848	0.5924
Na8183	818.326 { 4	Y_3710	ppm	0.5376	0.0831	15.45	0.5964	0.4789
Ni2316	231.604 {4	In2306	ppm	0.0105	0.0006	6.119	0.0101	0.011
P_1782	178.284 {4	In2306	ppm	0.0037	0.0004	11.26	0.0034	0.004
Pb2203	220.353 {4	In2306	ppm	0.0109	0	0.0177	0.0109	0.0109
S_1820	182.034 {4	Y_2243	ppm	-1.063	0.5326	50.11	-0.6862	-1.439
Sb2068	206.833 {4	Y_2243	ppm	0.0169	0.0009	5.031	0.0163	0.0175
Se1960	196.090 {4	Y_2243	ppm	0.0109	0.0008	6.95	0.0104	0.0115
Si2516	251.611 {1	Y_3710	ppm	0.0044	0.0009	21.33	0.0051	0.0037
Sn1899	189.989 {4	In2306	ppm	0.0102	0.0015	14.25	0.0092	0.0113
Sr4215	421.552 { 8	Y_3710	ppm	0.0051	0	0.7823	0.0051	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0099	0.0001	1.419	0.01	0.0098
Tl1908	190.856 {4	In2306	ppm	0.0128	0.0025	19.9	0.011	0.0146
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0002	2.419	0.0099	0.0102
Zn2062	206.200 {4	In2306	ppm	0.0097	0.0007	7.188	0.0092	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	303.22	0.48295	0.15928	303.56	302.88
In2306	230.606 {4	Cts/S	10593	15.467	0.146	10604	10582
Y_2243	224.306 {4	Cts/S	13478	42.485	0.31521	13508	13448
Y_3600	360.073 { 9	Cts/S	60930	268.38	0.44046	61120	60740
Y_3710	371.030 { 9	Cts/S	16106	23.953	0.14872	16089	16123

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	7.579	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0063	0.0148	232.6	0.0041	-0.0168
As1890	189.042 {4	Y_2243	ppm	0.0017	0.0006	35.5	0.0021	0.0013

B_2496	249.678 {1	Y_3710	ppm	-0.0004	0.0024	663.2	-0.0021	0.0013
Ba4554	455.403 { 7	Y_3710	ppm	0	0	469.2	0	0
Be3130	313.042 {1	Y_3710	ppm	0	0	274.3	0	0
Ca3158	315.887 {1	In2306	ppm	0.01	0.0004	3.833	0.0102	0.0097
Ca3181	318.128 {1	In2306	ppm	0.024	0.0053	22.2	0.0202	0.0277
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	188.5	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0001	0.0002	192.5	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0004	170.2	0.0001	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.001	0.0002	19.74	0.0012	0.0009
Fe2404	240.488 {1	In2306	ppm	0.0025	0.0013	51.66	0.0016	0.0034
K_7664	766.490 { 4	Y_3710	ppm	0.0483	0.0243	50.34	0.0655	0.0311
K_7698	769.896 { 4	Y_3710	ppm	-0.0092	0.0184	199	0.0038	-0.0222
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0005	380.2	-0.0005	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0453	0.0021	4.68	0.0468	0.0438
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	2.729	-0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0006	232.1	-0.0007	0.0002
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0002	62.28	0.0002	0.0005
Na5895	589.592 { 5	Y_3710	ppm	-0.007	0.0051	71.86	-0.0035	-0.0106
Na8183	818.326 { 4	Y_3710	ppm	0.0708	0.0464	65.62	0.0379	0.1036
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0002	109.1	0.0001	0.0004
P_1782	178.284 {4	In2306	ppm	-0.0054	0.0002	3.435	-0.0053	-0.0055
Pb2203	220.353 {4	In2306	ppm	0.0011	0.0002	13.7	0.0013	0.001
S_1820	182.034 {4	Y_2243	ppm	-0.4923	0.0755	15.33	-0.5457	-0.4389
Sb2068	206.833 {4	Y_2243	ppm	0.0005	0.0024	506.3	0.0022	-0.0012
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0003	32.87	0.0008	0.0013
Si2516	251.611 {1	Y_3710	ppm	-0.002	0.0015	74.01	-0.0031	-0.001
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0003	54.51	0.0009	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0	0	1800	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0.0001	26.54	-0.0005	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.001	0.0004	37.41	0.0013	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0004	594.3	0.0004	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0002	81.07	0.0001	0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	309.64	3.0164	0.97415	311.78	307.51
In2306	230.606 {4	Cts/S	10598	6.1263	0.05781	10602	10594
Y_2243	224.306 {4	Cts/S	13358	5.7066	0.04272	13354	13362
Y_3600	360.073 { 9	Cts/S	60724	8.4684	0.01395	60718	60730
Y_3710	371.030 { 9	Cts/S	16004	76.126	0.47567	16058	15950

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Custom ID3=
Run Time=1/31/2012 10:28:09
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0005	2188	-0.0004	0.0003
Al3082	308.215 {1	In2306	ppm	0.0333	0.0008	2.394	0.0338	0.0327

As1890	189.042 {4	Y_2243	ppm	0.0019	0.001	50.74	0.0012	0.0026
B_2496	249.678 {1	Y_3710	ppm	0.0969	0.0022	2.23	0.0984	0.0953
Ba4554	455.403 { 7	Y_3710	ppm	0.074	0.0003	0.4373	0.0742	0.0738
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	171.4	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	117.7	0.6652	0.5653	118.2	117.2
Ca3181	318.128 {1	In2306	ppm	116.6	0.838	0.7185	117.2	116
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	32.75	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0003	279.2	0.0004	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0	8.473	0.0006	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0019	0.0003	15.13	0.0017	0.0021
Fe2404	240.488 {1	In2306	ppm	0.0365	0.0039	10.78	0.0392	0.0337
K_7664	766.490 { 4	Y_3710	ppm	3.167	0.0567	1.789	3.207	3.127
K_7698	769.896 { 4	Y_3710	ppm	3.095	0.0254	0.8194	3.113	3.077
Li6707	670.784 { 5	Y_3710	ppm	0.0082	0.0002	2.423	0.008	0.0083
Mg2790	279.079 {1	Y_3710	ppm	4.118	0.0349	0.8468	4.093	4.142
Mn2576	257.610 {1	Y_3600	ppm	0.0294	0.0001	0.2403	0.0295	0.0294
Mn2576-2	257.610 {1	Y_3710	ppm	0.0304	0.0013	4.422	0.0313	0.0294
Mo2020	202.030 {4	Y_2243	ppm	0.0023	0	1.446	0.0023	0.0023
Na5895	589.592 { 5	Y_3710	ppm	39.62	0.6945	1.753	40.11	39.13
Na8183	818.326 { 4	Y_3710	ppm	39.16	0.4883	1.247	39.51	38.82
Ni2316	231.604 {4	In2306	ppm	0.0019	0.0002	9.299	0.0018	0.002
P_1782	178.284 {4	In2306	ppm	0.0189	0.0028	15.02	0.0209	0.0169
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0002	22.84	0.0006	0.0009
S_1820	182.034 {4	Y_2243	ppm	-5550	103.9	1.872	-5623	-5476
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0005	40.71	0.0015	0.0008
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0001	6.685	0.0022	0.002
Si2516	251.611 {1	Y_3710	ppm	0.9886	0.0137	1.389	0.9983	0.9789
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0008	621.4	-0.0004	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	1.177	0.0066	0.5625	1.182	1.173
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0	2.091	0.0006	0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0017	514.9	-0.0015	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0018	0.0001	5.985	0.0019	0.0017
Zn2062	206.200 {4	In2306	ppm	0.0025	0	0.7559	0.0025	0.0025

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	299.27	3.3226	1.1102	296.92	301.62
In2306	230.606 {4	Cts/S	9348.9	64.316	0.68795	9303.5	9394.4
Y_2243	224.306 {4	Cts/S	12564	127.5	1.0148	12474	12654
Y_3600	360.073 { 9	Cts/S	62205	97.578	0.15686	62274	62136
Y_3710	371.030 { 9	Cts/S	15892	74.556	0.46914	15839	15945

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0001	20.94	-0.0003	-0.0002

Al3082	308.215 {1	In2306	ppm	0.0104	0.0267	256.7	-0.0085	0.0293
As1890	189.042 {4	Y_2243	ppm	0.0021	0.0002	11.36	0.0019	0.0023
B_2496	249.678 {1	Y_3710	ppm	0.0853	0.003	3.493	0.0874	0.0832
Ba4554	455.403 { 7	Y_3710	ppm	0.0741	0.0004	0.5023	0.0744	0.0739
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	105.8	0.0001	0
Ca3158	315.887 {1	In2306	ppm	115.4	1.577	1.366	114.3	116.5
Ca3181	318.128 {1	In2306	ppm	114.7	1.864	1.625	113.4	116
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	428.2	0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	66.92	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0001	9.649	0.0009	0.0011
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0.0006	24.25	0.0027	0.0019
Fe2404	240.488 {1	In2306	ppm	0.0372	0.006	16.15	0.0414	0.0329
K_7664	766.490 { 4	Y_3710	ppm	3.162	0.0395	1.248	3.189	3.134
K_7698	769.896 { 4	Y_3710	ppm	3.174	0.0467	1.472	3.207	3.141
Li6707	670.784 { 5	Y_3710	ppm	0.0085	0.0005	5.715	0.0082	0.0088
Mg2790	279.079 {1	Y_3710	ppm	4.069	0.0184	0.4529	4.082	4.056
Mn2576	257.610 {1	Y_3600	ppm	0.0171	0	0.1653	0.0172	0.0171
Mn2576-2	257.610 {1	Y_3710	ppm	0.017	0.0002	1.187	0.0171	0.0168
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0.0004	19.36	0.0018	0.0023
Na5895	589.592 { 5	Y_3710	ppm	38.5	0.3204	0.8322	38.73	38.27
Na8183	818.326 { 4	Y_3710	ppm	37.61	0.1722	0.4578	37.73	37.49
Ni2316	231.604 {4	In2306	ppm	0.0018	0.0001	2.998	0.0019	0.0018
P_1782	178.284 {4	In2306	ppm	0.0145	0.0001	0.9599	0.0146	0.0144
Pb2203	220.353 {4	In2306	ppm	0.0019	0.0001	6.346	0.0018	0.002
S_1820	182.034 {4	Y_2243	ppm	-5445	8.632	0.1585	-5451	-5439
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0	5.332	0.0002	0.0001
Se1960	196.090 {4	Y_2243	ppm	0.0026	0.0003	10.53	0.0024	0.0028
Si2516	251.611 {1	Y_3710	ppm	1.028	0.007	0.6846	1.023	1.033
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0003	187.3	-0.0003	0
Sr4215	421.552 { 8	Y_3710	ppm	1.169	0.0046	0.3955	1.172	1.166
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0004	173	0.0005	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0005	0.0005	102.2	0.0008	0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0015	0.0007	45.55	0.001	0.0019
Zn2062	206.200 {4	In2306	ppm	0.0027	0	0.2514	0.0027	0.0027

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	301.02	1.5682	0.52096	302.12	299.91
In2306	230.606 {4	Cts/S	9363.6	15.537	0.16593	9374.5	9352.6
Y_2243	224.306 {4	Cts/S	12558	23.746	0.18909	12575	12541
Y_3600	360.073 { 9	Cts/S	61882	96.62	0.15614	61813	61950
Y_3710	371.030 { 9	Cts/S	15819	88.192	0.55751	15757	15881

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 10:33:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	123.5	0.0008	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0025	0.0242	980.3	0.0146	-0.0196
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0003	25.51	0.0013	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0877	0.0005	0.5436	0.088	0.0873
Ba4554	455.403 { 7	Y_3710	ppm	0.0746	0.0003	0.3985	0.0748	0.0744
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	303.1	0.0001	0
Ca3158	315.887 {1	In2306	ppm	116	1.628	1.403	114.8	117.1
Ca3181	318.128 {1	In2306	ppm	115.2	1.344	1.166	114.3	116.2
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	103.8	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	44.39	0	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0001	11.25	0.0005	0.0004
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0005	21.82	0.0027	0.002
Fe2404	240.488 {1	In2306	ppm	0.0346	0.0101	29.05	0.0275	0.0417
K_7664	766.490 { 4	Y_3710	ppm	3.185	0.0575	1.807	3.226	3.144
K_7698	769.896 { 4	Y_3710	ppm	3.172	0.0238	0.7494	3.189	3.155
Li6707	670.784 { 5	Y_3710	ppm	0.0078	0.0001	1.644	0.0077	0.0079
Mg2790	279.079 {1	Y_3710	ppm	4.006	0.0002	0.0059	4.006	4.006
Mn2576	257.610 {1	Y_3600	ppm	0.0167	0.0001	0.5843	0.0166	0.0168
Mn2576-2	257.610 {1	Y_3710	ppm	0.0175	0.0006	3.541	0.0179	0.0171
Mo2020	202.030 {4	Y_2243	ppm	0.0023	0.0004	18.69	0.0026	0.002
Na5895	589.592 { 5	Y_3710	ppm	38.61	0.7511	1.945	39.14	38.08
Na8183	818.326 { 4	Y_3710	ppm	37.51	0.2607	0.6949	37.69	37.32
Ni2316	231.604 {4	In2306	ppm	0.0014	0.0001	4.669	0.0015	0.0014
P_1782	178.284 {4	In2306	ppm	0.0174	0.0001	0.572	0.0174	0.0175
Pb2203	220.353 {4	In2306	ppm	0.0027	0.0003	10.9	0.0029	0.0025
S_1820	182.034 {4	Y_2243	ppm	-5522	16.64	0.3013	-5534	-5510
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0008	91.16	0.0003	0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0024	0.0012	50.59	0.0015	0.0033
Si2516	251.611 {1	Y_3710	ppm	1.04	0.0028	0.2665	1.038	1.042
Sn1899	189.989 {4	In2306	ppm	0.001	0.0004	41.54	0.0007	0.0013
Sr4215	421.552 { 8	Y_3710	ppm	1.178	0.0054	0.4547	1.182	1.175
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0005	96	0.0002	0.0008
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.001	935.4	0.0006	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0011	0.0003	23.13	0.001	0.0013
Zn2062	206.200 {4	In2306	ppm	0.0026	0	1.787	0.0026	0.0026

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	300.36	0.56969	0.18967	300.76	299.96
In2306	230.606 {4	Cts/S	9289.5	12.602	0.13566	9280.6	9298.5
Y_2243	224.306 {4	Cts/S	12411	2.6632	0.02146	12409	12413
Y_3600	360.073 { 9	Cts/S	62040	202.98	0.32717	62184	61897
Y_3710	371.030 { 9	Cts/S	15725	97.487	0.61994	15656	15794

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0002	1284	-0.0001	0.0001
Al3082	308.215	{1	In2306	ppm	0.0136	0.0038	28.15	0.0164	0.0109
As1890	189.042	{4	Y_2243	ppm	0.0028	0.0004	15.6	0.0031	0.0024
B_2496	249.678	{1	Y_3710	ppm	0.0881	0.0038	4.341	0.0908	0.0854
Ba4554	455.403	{ 7	Y_3710	ppm	0.0751	0	0.033	0.0751	0.0752
Be3130	313.042	{1	Y_3710	ppm	0	0	29.8	0	0
Ca3158	315.887	{1	In2306	ppm	118.5	2.21	1.864	120.1	117
Ca3181	318.128	{1	In2306	ppm	117.4	2.183	1.859	118.9	115.9
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0	23.83	0.0001	0.0002
Co2286	228.616	{4	In2306	ppm	0.0003	0.0001	32.05	0.0002	0.0003
Cr2677	267.716	{1	Y_3600	ppm	0.0001	0.0012	994.1	0.001	-0.0007
Cu3247	324.754	{1	Y_3600	ppm	0.0074	0.0001	1.298	0.0074	0.0073
Fe2404	240.488	{1	In2306	ppm	0.0393	0.0029	7.342	0.0413	0.0373
K_7664	766.490	{ 4	Y_3710	ppm	3.172	0.06	1.892	3.13	3.215
K_7698	769.896	{ 4	Y_3710	ppm	3.134	0.1125	3.59	3.055	3.214
Li6707	670.784	{ 5	Y_3710	ppm	0.0082	0.0002	2.054	0.0083	0.0081
Mg2790	279.079	{1	Y_3710	ppm	3.995	0.0512	1.283	4.031	3.959
Mn2576	257.610	{1	Y_3600	ppm	0.0177	0.0001	0.6696	0.0178	0.0176
Mn2576-2	257.610	{1	Y_3710	ppm	0.0178	0.0001	0.7125	0.0179	0.0178
Mo2020	202.030	{4	Y_2243	ppm	0.002	0.0002	8.762	0.0021	0.0019
Na5895	589.592	{ 5	Y_3710	ppm	38.36	0.5182	1.351	38	38.73
Na8183	818.326	{ 4	Y_3710	ppm	37.68	0.2556	0.6783	37.5	37.86
Ni2316	231.604	{4	In2306	ppm	0.0017	0.0001	7.601	0.0018	0.0016
P_1782	178.284	{4	In2306	ppm	0.0344	0.0007	2.129	0.0349	0.0339
Pb2203	220.353	{4	In2306	ppm	0.0013	0.0006	45.51	0.0017	0.0009
S_1820	182.034	{4	Y_2243	ppm	-5504	20.15	0.3661	-5518	-5490
Sb2068	206.833	{4	Y_2243	ppm	-0.0001	0.0001	81.29	0	-0.0001
Se1960	196.090	{4	Y_2243	ppm	0.0009	0.0006	59.63	0.0005	0.0013
Si2516	251.611	{1	Y_3710	ppm	1.077	0.0029	0.2654	1.075	1.079
Sn1899	189.989	{4	In2306	ppm	0.0003	0.0002	71.38	0.0005	0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	1.182	0.0003	0.0216	1.182	1.182
Ti3349	334.904	{1	Y_3600	ppm	0.0007	0.0002	33.78	0.0005	0.0008
Tl1908	190.856	{4	In2306	ppm	-0.0004	0.0015	363.1	0.0006	-0.0015
V_2924	292.402	{1	Y_3600	ppm	0.0013	0.0002	16.87	0.0011	0.0014
Zn2062	206.200	{4	In2306	ppm	0.0046	0.0001	1.763	0.0045	0.0046

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	299.46	2.4244	0.80957	297.75	301.18
In2306	230.606	{4	Cts/S	9286.9	6.9486	0.07482	9282	9291.8
Y_2243	224.306	{4	Cts/S	12411	6.4106	0.05165	12415	12406
Y_3600	360.073	{ 9	Cts/S	61977	51.455	0.08302	62014	61941
Y_3710	371.030	{ 9	Cts/S	15871	38.189	0.24061	15899	15844

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0006	0.001	172.4	0.0013	-0.0001
Al3082	308.215	{1	In2306	ppm	0.0053	0.0209	396.1	-0.0095	0.0201
As1890	189.042	{4	Y_2243	ppm	0.0007	0.0006	83.29	0.0012	0.0003
B_2496	249.678	{1	Y_3710	ppm	0.082	0.0006	0.7137	0.0816	0.0824
Ba4554	455.403	{ 7	Y_3710	ppm	0.074	0.0016	2.106	0.0729	0.0751
Be3130	313.042	{1	Y_3710	ppm	0	0	121.1	0	0
Ca3158	315.887	{1	In2306	ppm	117.6	3.09	2.627	115.4	119.8
Ca3181	318.128	{1	In2306	ppm	115.8	2.569	2.218	114	117.7
Cd2288	228.802	{4	Y_2243	ppm	0	0	24.69	0	0
Co2286	228.616	{4	In2306	ppm	-0.0001	0.0001	47.15	-0.0001	-0.0002
Cr2677	267.716	{1	Y_3600	ppm	0.0011	0.0009	83.12	0.0004	0.0017
Cu3247	324.754	{1	Y_3600	ppm	0.002	0.0002	8.079	0.0021	0.0018
Fe2404	240.488	{1	In2306	ppm	0.0169	0.0002	1.231	0.0167	0.017
K_7664	766.490	{ 4	Y_3710	ppm	3.064	0.0076	0.2492	3.059	3.069
K_7698	769.896	{ 4	Y_3710	ppm	3.11	0.0315	1.012	3.088	3.132
Li6707	670.784	{ 5	Y_3710	ppm	0.0083	0.0001	1.25	0.0083	0.0082
Mg2790	279.079	{1	Y_3710	ppm	3.885	0.0865	2.227	3.824	3.946
Mn2576	257.610	{1	Y_3600	ppm	0.0127	0	0.2377	0.0128	0.0127
Mn2576-2	257.610	{1	Y_3710	ppm	0.0128	0.0002	1.337	0.0127	0.0129
Mo2020	202.030	{4	Y_2243	ppm	0.0022	0.0002	7.112	0.0023	0.0021
Na5895	589.592	{ 5	Y_3710	ppm	36.87	0.3872	1.05	36.6	37.15
Na8183	818.326	{ 4	Y_3710	ppm	36.37	0.5388	1.481	35.99	36.75
Ni2316	231.604	{4	In2306	ppm	0.0016	0.0003	17.45	0.0018	0.0014
P_1782	178.284	{4	In2306	ppm	0.0157	0.0006	4.06	0.0153	0.0162
Pb2203	220.353	{4	In2306	ppm	0.0012	0.0009	70.76	0.0018	0.0006
S_1820	182.034	{4	Y_2243	ppm	-5447	7.524	0.1381	-5442	-5452
Sb2068	206.833	{4	Y_2243	ppm	0	0.0004	941.4	-0.0003	0.0003
Se1960	196.090	{4	Y_2243	ppm	0.001	0.0008	81.79	0.0016	0.0004
Si2516	251.611	{1	Y_3710	ppm	1.078	0.0195	1.813	1.064	1.092
Sn1899	189.989	{4	In2306	ppm	0.0001	0	73.63	0	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	1.16	0.0204	1.763	1.145	1.174
Ti3349	334.904	{1	Y_3600	ppm	-0.0019	0.0002	9.744	-0.0018	-0.002
Tl1908	190.856	{4	In2306	ppm	0.0004	0.0007	173.1	0.0009	-0.0001
V_2924	292.402	{1	Y_3600	ppm	0.0009	0.0003	33.33	0.0011	0.0007
Zn2062	206.200	{4	In2306	ppm	0.003	0	0.2252	0.003	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	302.86	5.726	1.8906	306.91	298.81
In2306	230.606	{4	Cts/S	9262.6	27.889	0.30109	9282.4	9242.9
Y_2243	224.306	{4	Cts/S	12434	51.299	0.41259	12470	12397
Y_3600	360.073	{ 9	Cts/S	61795	231.94	0.37534	61631	61959
Y_3710	371.030	{ 9	Cts/S	16080	188.5	1.1723	16213	15947

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0002	0.0003	129.4	0	0.0004
Al3082	308.215	{1	In2306	ppm	0.0148	0.004	26.88	0.012	0.0177
As1890	189.042	{4	Y_2243	ppm	0.0018	0.0005	25.27	0.0015	0.0022
B_2496	249.678	{1	Y_3710	ppm	0.0847	0.0015	1.767	0.0857	0.0836
Ba4554	455.403	{ 7	Y_3710	ppm	0.0752	0.0001	0.1515	0.0751	0.0753
Be3130	313.042	{1	Y_3710	ppm	0.0001	0	50.03	0.0001	0
Ca3158	315.887	{1	In2306	ppm	120.6	2.304	1.911	122.2	118.9
Ca3181	318.128	{1	In2306	ppm	119.7	1.897	1.585	121	118.4
Cd2288	228.802	{4	Y_2243	ppm	0.0001	0.0002	294.6	-0.0001	0.0002
Co2286	228.616	{4	In2306	ppm	0.0002	0.0001	39.43	0.0002	0.0003
Cr2677	267.716	{1	Y_3600	ppm	0.0006	0.0001	11.03	0.0006	0.0005
Cu3247	324.754	{1	Y_3600	ppm	0.0016	0.0002	14.3	0.0014	0.0017
Fe2404	240.488	{1	In2306	ppm	0.02	0.0054	27.06	0.0239	0.0162
K_7664	766.490	{ 4	Y_3710	ppm	3.123	0.0239	0.7658	3.106	3.14
K_7698	769.896	{ 4	Y_3710	ppm	3.117	0.0521	1.671	3.154	3.08
Li6707	670.784	{ 5	Y_3710	ppm	0.0079	0.0004	4.986	0.0082	0.0077
Mg2790	279.079	{1	Y_3710	ppm	4.013	0.0383	0.9555	4.04	3.986
Mn2576	257.610	{1	Y_3600	ppm	0.0087	0.0001	1.133	0.0088	0.0087
Mn2576-2	257.610	{1	Y_3710	ppm	0.0081	0.0001	1.534	0.0081	0.0082
Mo2020	202.030	{4	Y_2243	ppm	0.002	0.0001	5.196	0.0021	0.0019
Na5895	589.592	{ 5	Y_3710	ppm	37.82	0.0434	0.1147	37.85	37.79
Na8183	818.326	{ 4	Y_3710	ppm	37.18	0.0067	0.0181	37.18	37.17
Ni2316	231.604	{4	In2306	ppm	0.0021	0	0.0551	0.0021	0.0021
P_1782	178.284	{4	In2306	ppm	0.0139	0.0009	6.571	0.0146	0.0133
Pb2203	220.353	{4	In2306	ppm	0.0007	0.0001	20.8	0.0008	0.0006
S_1820	182.034	{4	Y_2243	ppm	-5406	12.08	0.2235	-5415	-5398
Sb2068	206.833	{4	Y_2243	ppm	-0.0001	0.0003	317.6	-0.0003	0.0001
Se1960	196.090	{4	Y_2243	ppm	0.0032	0.0007	22.76	0.0037	0.0027
Si2516	251.611	{1	Y_3710	ppm	1.212	0.0084	0.6888	1.206	1.218
Sn1899	189.989	{4	In2306	ppm	0.0014	0.0005	33.23	0.0017	0.0011
Sr4215	421.552	{ 8	Y_3710	ppm	1.181	0.0008	0.068	1.182	1.18
Ti3349	334.904	{1	Y_3600	ppm	0.0008	0.0001	16.11	0.0007	0.0009
Tl1908	190.856	{4	In2306	ppm	0.0016	0.0002	12.46	0.0015	0.0017
V_2924	292.402	{1	Y_3600	ppm	0.0011	0.0006	48.68	0.0008	0.0015
Zn2062	206.200	{4	In2306	ppm	0.0024	0.0001	3.319	0.0024	0.0023

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	297.81	6.3123	2.1196	293.35	302.27
In2306	230.606	{4	Cts/S	9296.1	0.94678	0.01018	9296.8	9295.4
Y_2243	224.306	{4	Cts/S	12498	9.2185	0.07376	12504	12491
Y_3600	360.073	{ 9	Cts/S	61585	128.11	0.20802	61495	61676
Y_3710	371.030	{ 9	Cts/S	15782	45.511	0.28838	15749	15814

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	s .0001	0.0003	308	-0.0001	s .0003
Al3082	308.215	{1	In2306	ppm	k -.0713	0.0114	16.04	-0.0632	k -.0794
As1890	189.042	{4	Y_2243	ppm	s .0018	0.0003	17.11	0.0015	s .0020
B_2496	249.678	{1	Y_3710	ppm	0.006	0.0023	38.9	0.0076	0.0043
Ba4554	455.403	{ 7	Y_3710	ppm	0.005	0.001	20.53	0.0057	0.0042
Be3130	313.042	{1	Y_3710	ppm	k .0000	0	49.85	0	k .0001
Ca3158	315.887	{1	In2306	ppm	11.21	2.198	19.6	12.77	9.657
Ca3181	318.128	{1	In2306	ppm	k 11.59	2.303	19.87	13.22	k 9.964
Cd2288	228.802	{4	Y_2243	ppm	s -.0003	0	10.85	-0.0003	s -.0003
Co2286	228.616	{4	In2306	ppm	s .0002	0	11.32	0.0002	s .0002
Cr2677	267.716	{1	Y_3600	ppm	s .0004	0.0001	25.57	0.0005	s .0004
Cu3247	324.754	{1	Y_3600	ppm	s -.0144	0.0002	1.21	-0.0143	s -.0145
Fe2404	240.488	{1	In2306	ppm	0.0019	0.0005	27.61	0.0023	0.0016
K_7664	766.490	{ 4	Y_3710	ppm	0.2156	0.0376	17.42	0.2422	0.1891
K_7698	769.896	{ 4	Y_3710	ppm	-0.0019	0.077	3956	0.0525	-0.0564
Li6707	670.784	{ 5	Y_3710	ppm	0.0007	0.0006	95.26	0.0011	0.0002
Mg2790	279.079	{1	Y_3710	ppm	0.5786	0.1264	21.86	0.668	0.4891
Mn2576	257.610	{1	Y_3600	ppm	s .0006	0.0001	12.34	0.0006	s .0005
Mn2576-2	257.610	{1	Y_3710	ppm	0.0007	0.0001	8.319	0.0008	0.0007
Mo2020	202.030	{4	Y_2243	ppm	s .0003	0.0002	66.84	0.0002	s .0005
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	2.433	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	2.586	0.3383	13.08	2.826	2.347
Ni2316	231.604	{4	In2306	ppm	s .0005	0.0001	14.02	0.0004	s .0005
P_1782	178.284	{4	In2306	ppm	s -.0046	0.0019	41.73	-0.0059	s -.0032
Pb2203	220.353	{4	In2306	ppm	s .0016	0	0.841	0.0016	s .0016
S_1820	182.034	{4	Y_2243	ppm	^ *****	-----	-----	-364	^ -----
Sb2068	206.833	{4	Y_2243	ppm	s .0013	0.0001	5.814	0.0012	s .0013
Se1960	196.090	{4	Y_2243	ppm	s .0012	0.001	86.11	0.0005	s .0019
Si2516	251.611	{1	Y_3710	ppm	k .1012	0.033	32.63	0.1246	k .0778
Sn1899	189.989	{4	In2306	ppm	s -.0002	0	11.27	-0.0002	s -.0002
Sr4215	421.552	{ 8	Y_3710	ppm	0.082	0.0139	16.92	0.0918	0.0722
Ti3349	334.904	{1	Y_3600	ppm	s -.0001	0	27.92	-0.0001	s -.0001
Tl1908	190.856	{4	In2306	ppm	s .0011	0.0004	38.28	0.0014	s .0008
V_2924	292.402	{1	Y_3600	ppm	s .0110	0.0002	1.562	0.0109	s .0111
Zn2062	206.200	{4	In2306	ppm	s .0000	0.0003	1026	-0.0002	s .0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	840.9	100.36	11.935	769.93	911.86
In2306	230.606	{4	Cts/S	^ *****	-----	-----	31538	^-----
Y_2243	224.306	{4	Cts/S	^ *****	-----	-----	44020	^-----
Y_3600	360.073	{ 9	Cts/S	^ *****	-----	-----	145600	^-----
Y_3710	371.030	{ 9	Cts/S	34607	4489	12.971	31433	37781

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 10:46:17
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0003	0.0003	134.2	0.0005	0
Al3082	308.215	{1	In2306	ppm	-0.004	0.0203	503.5	0.0103	-0.0184
As1890	189.042	{4	Y_2243	ppm	0.0014	0.0002	11.6	0.0013	0.0015
B_2496	249.678	{1	Y_3710	ppm	0.0836	0.0029	3.527	0.0857	0.0815
Ba4554	455.403	{ 7	Y_3710	ppm	0.0747	0.0004	0.4696	0.0749	0.0744
Be3130	313.042	{1	Y_3710	ppm	0.0001	0	41.21	0.0001	0
Ca3158	315.887	{1	In2306	ppm	120.7	0.3182	0.2636	120.9	120.5
Ca3181	318.128	{1	In2306	ppm	119.9	0.6832	0.5699	120.4	119.4
Cd2288	228.802	{4	Y_2243	ppm	0	0.0001	312.3	-0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0001	0	37.59	0.0002	0.0001
Cr2677	267.716	{1	Y_3600	ppm	0.0006	0.0001	12.89	0.0006	0.0007
Cu3247	324.754	{1	Y_3600	ppm	0.0017	0	0.2476	0.0017	0.0017
Fe2404	240.488	{1	In2306	ppm	0.0122	0.0003	2.328	0.012	0.0124
K_7664	766.490	{ 4	Y_3710	ppm	3.082	0.0663	2.15	3.129	3.035
K_7698	769.896	{ 4	Y_3710	ppm	3.045	0.0501	1.645	3.081	3.01
Li6707	670.784	{ 5	Y_3710	ppm	0.0085	0.0001	1.269	0.0084	0.0086
Mg2790	279.079	{1	Y_3710	ppm	3.955	0.0113	0.2848	3.947	3.963
Mn2576	257.610	{1	Y_3600	ppm	0.0078	0	0.3158	0.0078	0.0078
Mn2576-2	257.610	{1	Y_3710	ppm	0.0087	0.0005	6.118	0.009	0.0083
Mo2020	202.030	{4	Y_2243	ppm	0.002	0.0001	2.703	0.0021	0.002
Na5895	589.592	{ 5	Y_3710	ppm	36.92	0.4973	1.347	37.27	36.57
Na8183	818.326	{ 4	Y_3710	ppm	36.51	0.1432	0.3921	36.61	36.41
Ni2316	231.604	{4	In2306	ppm	0.0016	0.0001	7.863	0.0017	0.0015
P_1782	178.284	{4	In2306	ppm	0.017	0.0009	5.332	0.0164	0.0176
Pb2203	220.353	{4	In2306	ppm	0.0015	0.0001	8.472	0.0014	0.0016
S_1820	182.034	{4	Y_2243	ppm	-5417	112.9	2.083	-5337	-5497
Sb2068	206.833	{4	Y_2243	ppm	0.0001	0.0001	75.82	0.0002	0.0001
Se1960	196.090	{4	Y_2243	ppm	0.0029	0	0.8495	0.0029	0.0029
Si2516	251.611	{1	Y_3710	ppm	1.155	0.0069	0.5934	1.16	1.15
Sn1899	189.989	{4	In2306	ppm	0	0.0001	314	0	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	1.171	0.0034	0.2919	1.173	1.168
Ti3349	334.904	{1	Y_3600	ppm	0.0011	0.0005	46.09	0.0008	0.0015
Tl1908	190.856	{4	In2306	ppm	0.0005	0.0008	165.5	0.001	-0.0001
V_2924	292.402	{1	Y_3600	ppm	0.0015	0.0002	14.5	0.0017	0.0014
Zn2062	206.200	{4	In2306	ppm	0.003	0.0001	2.457	0.0029	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	300.54	2.5481	0.84784	298.73	302.34
In2306	230.606	{4	Cts/S	9227.9	176.95	1.9175	9353.1	9102.8
Y_2243	224.306	{4	Cts/S	12401	221.45	1.7858	12558	12245
Y_3600	360.073	{ 9	Cts/S	61853	338.02	0.54649	61614	62092
Y_3710	371.030	{ 9	Cts/S	15990	87.871	0.54954	15928	16052

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 10:48:52
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0	56.91	-0.0001	0
Al3082	308.215	{1	In2306	ppm	0.0051	0.0086	169.9	0.0112	-0.001
As1890	189.042	{4	Y_2243	ppm	0.0026	0.0007	27.05	0.0031	0.0021
B_2496	249.678	{1	Y_3710	ppm	0.084	0.0053	6.331	0.0803	0.0878
Ba4554	455.403	{ 7	Y_3710	ppm	0.0749	0	0.0314	0.0749	0.0749
Be3130	313.042	{1	Y_3710	ppm	0	0.0001	182.4	0.0001	0
Ca3158	315.887	{1	In2306	ppm	120.1	0.2666	0.2219	120.3	120
Ca3181	318.128	{1	In2306	ppm	119.2	0.0466	0.0391	119.3	119.2
Cd2288	228.802	{4	Y_2243	ppm	0	0	60.83	0	0
Co2286	228.616	{4	In2306	ppm	0	0.0001	595.1	0	0
Cr2677	267.716	{1	Y_3600	ppm	0.0009	0	0.0168	0.0009	0.0009
Cu3247	324.754	{1	Y_3600	ppm	0.0025	0.0003	10.81	0.0023	0.0027
Fe2404	240.488	{1	In2306	ppm	0.0229	0.0148	64.77	0.0334	0.0124
K_7664	766.490	{ 4	Y_3710	ppm	3.1	0.0075	0.2419	3.095	3.106
K_7698	769.896	{ 4	Y_3710	ppm	3.121	0.0431	1.382	3.091	3.152
Li6707	670.784	{ 5	Y_3710	ppm	0.008	0	0.1585	0.008	0.008
Mg2790	279.079	{1	Y_3710	ppm	3.921	0.0021	0.0536	3.92	3.923
Mn2576	257.610	{1	Y_3600	ppm	0.0084	0	0.0326	0.0084	0.0084
Mn2576-2	257.610	{1	Y_3710	ppm	0.0086	0.0002	2.016	0.0087	0.0085
Mo2020	202.030	{4	Y_2243	ppm	0.0021	0.0001	5.72	0.002	0.0022
Na5895	589.592	{ 5	Y_3710	ppm	37.41	0.168	0.4492	37.29	37.53
Na8183	818.326	{ 4	Y_3710	ppm	36.85	0.0308	0.0835	36.88	36.83
Ni2316	231.604	{4	In2306	ppm	0.0014	0.0002	11.47	0.0013	0.0015
P_1782	178.284	{4	In2306	ppm	0.0304	0.0007	2.241	0.0309	0.0299
Pb2203	220.353	{4	In2306	ppm	0.0003	0.0016	540.5	0.0014	-0.0008
S_1820	182.034	{4	Y_2243	ppm	-5371	15.46	0.2879	-5382	-5360
Sb2068	206.833	{4	Y_2243	ppm	0.001	0.0009	88.73	0.0016	0.0004
Se1960	196.090	{4	Y_2243	ppm	0.002	0.0007	34.17	0.0015	0.0025
Si2516	251.611	{1	Y_3710	ppm	1.183	0.0061	0.5184	1.187	1.178
Sn1899	189.989	{4	In2306	ppm	0.0002	0.0002	108.2	0.0003	0
Sr4215	421.552	{ 8	Y_3710	ppm	1.178	0.0011	0.0907	1.177	1.179
Ti3349	334.904	{1	Y_3600	ppm	0.0009	0.0003	27.61	0.0007	0.0011
Tl1908	190.856	{4	In2306	ppm	0.0026	0.0002	6.547	0.0024	0.0027
V_2924	292.402	{1	Y_3600	ppm	0.0018	0.0004	24.06	0.0022	0.0015
Zn2062	206.200	{4	In2306	ppm	0.0031	0	0.5322	0.0032	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	298.7	0.84925	0.28432	299.3	298.1
In2306	230.606	{4	Cts/S	9314	10.2	0.10952	9321.2	9306.7
Y_2243	224.306	{4	Cts/S	12520	5.1595	0.04121	12516	12524
Y_3600	360.073	{ 9	Cts/S	61922	174.95	0.28254	62045	61798
Y_3710	371.030	{ 9	Cts/S	15887	14.206	0.08942	15897	15877

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 10:51:28

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	s .0012	0.0019	158.3	s .0025	-0.0001
Al3082	308.215	{1	In2306	ppm	k -.0983	0.0087	8.811	k -.1044	-0.0922
As1890	189.042	{4	Y_2243	ppm	s .0014	0.0001	7.326	s .0014	0.0013
B_2496	249.678	{1	Y_3710	ppm	0.0009	0.001	112	0.0002	0.0016
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0006	0.0001	11.05	-0.0006	-0.0005
Be3130	313.042	{1	Y_3710	ppm	k .0001	0	50.67	k .0001	0.0001
Ca3158	315.887	{1	In2306	ppm	0.0954	0.0739	77.45	0.0432	0.1476
Ca3181	318.128	{1	In2306	ppm	k .1258	0.0687	54.62	k .0772	0.1744
Cd2288	228.802	{4	Y_2243	ppm	s -.0003	0	5.306	s -.0003	-0.0002
Co2286	228.616	{4	In2306	ppm	s .0029	0.0039	135.7	s .0056	0.0001
Cr2677	267.716	{1	Y_3600	ppm	s .0004	0.0004	82.92	s .0007	0.0002
Cu3247	324.754	{1	Y_3600	ppm	s -.0085	0.0095	111.8	s -.0018	-0.0152
Fe2404	240.488	{1	In2306	ppm	-0.0013	0.0021	159.7	-0.0028	0.0002
K_7664	766.490	{ 4	Y_3710	ppm	0.011	0.0014	12.36	0.01	0.012
K_7698	769.896	{ 4	Y_3710	ppm	-0.3981	0.0049	1.225	-0.4015	-0.3946
Li6707	670.784	{ 5	Y_3710	ppm	-0.0002	0.0001	59.52	-0.0001	-0.0003
Mg2790	279.079	{1	Y_3710	ppm	0.0424	0.0132	31.25	0.033	0.0517
Mn2576	257.610	{1	Y_3600	ppm	s .0000	0	156.8	s .0000	0
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0002	0.0001	32.41	-0.0003	-0.0002
Mo2020	202.030	{4	Y_2243	ppm	s .0001	0.0001	79.41	s .0002	0
Na5895	589.592	{ 5	Y_3710	ppm	-0.0034	0.0352	1049	-0.0282	0.0215
Na8183	818.326	{ 4	Y_3710	ppm	0.4007	0.0014	0.3469	0.4016	0.3997
Ni2316	231.604	{4	In2306	ppm	s -.0051	0.0075	146.3	s -.0104	0.0002
P_1782	178.284	{4	In2306	ppm	s -.1737	0.2397	138	s -.3432	-0.0042
Pb2203	220.353	{4	In2306	ppm	s .0057	0.0058	103	s .0098	0.0015
S_1820	182.034	{4	Y_2243	ppm	s -406.2	14.75	3.631	s -395.8	-416.6
Sb2068	206.833	{4	Y_2243	ppm	s .0008	0.0003	30.03	s .0007	0.001
Se1960	196.090	{4	Y_2243	ppm	s .0003	0.0003	121.3	s .0005	0
Si2516	251.611	{1	Y_3710	ppm	k -.0149	0.0093	62.23	k -.0214	-0.0083
Sn1899	189.989	{4	In2306	ppm	s -.0162	0.0223	138.3	s -.0320	-0.0004
Sr4215	421.552	{ 8	Y_3710	ppm	0.0008	0.0009	117.4	0.0001	0.0015
Ti3349	334.904	{1	Y_3600	ppm	s .0002	0.0003	181.4	s .0004	0
Tl1908	190.856	{4	In2306	ppm	s .0295	0.0395	133.6	s .0574	0.0016
V_2924	292.402	{1	Y_3600	ppm	s .0089	0.0032	36.07	s .0066	0.0111
Zn2062	206.200	{4	In2306	ppm	s -.0271	0.0384	141.3	s -.0543	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	1270.3	169.54	13.347	1390.1	1150.4
In2306	230.606	{4	Cts/S	^ *****	-----	-----	^-----	30022
Y_2243	224.306	{4	Cts/S	^ *****	-----	-----	^-----	41905
Y_3600	360.073	{ 9	Cts/S	^ *****	-----	-----	^-----	189050
Y_3710	371.030	{ 9	Cts/S	57255	5773.4	10.084	61337	53173

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/31/2012 10:54:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2385	0.0011	0.4475	0.2377	0.2392
Al3082	308.215	{1	In2306	ppm	2.435	0.0233	0.9581	2.418	2.451
As1890	189.042	{4	Y_2243	ppm	0.5007	0.0088	1.753	0.5069	0.4945
B_2496	249.678	{1	Y_3710	ppm	0.4779	0	0.009	0.4778	0.4779
Ba4554	455.403	{ 7	Y_3710	ppm	0.4812	0.0027	0.5578	0.4831	0.4793
Be3130	313.042	{1	Y_3710	ppm	0.4841	0.0039	0.8045	0.4868	0.4813
Ca3158	315.887	{1	In2306	ppm	12.3	0.0062	0.0507	12.31	12.3
Ca3181	318.128	{1	In2306	ppm	12.21	0.0108	0.0881	12.22	12.2
Cd2288	228.802	{4	Y_2243	ppm	0.4891	0.0056	1.155	0.4931	0.4851
Co2286	228.616	{4	In2306	ppm	0.4825	0.0041	0.8466	0.4854	0.4796
Cr2677	267.716	{1	Y_3600	ppm	0.4702	0.0005	0.1071	0.4706	0.4699
Cu3247	324.754	{1	Y_3600	ppm	0.4733	0.0021	0.44	0.4718	0.4748
Fe2404	240.488	{1	In2306	ppm	2.461	0.0013	0.0527	2.462	2.46
K_7664	766.490	{ 4	Y_3710	ppm	12.18	0.0636	0.522	12.23	12.14
K_7698	769.896	{ 4	Y_3710	ppm	12.27	0.084	0.6841	12.33	12.21
Li6707	670.784	{ 5	Y_3710	ppm	0.4962	0.0031	0.6206	0.4984	0.4941
Mg2790	279.079	{1	Y_3710	ppm	4.79	0.0715	1.493	4.841	4.74
Mn2576	257.610	{1	Y_3600	ppm	0.4721	0.0036	0.7548	0.4695	0.4746
Mn2576-2	257.610	{1	Y_3710	ppm	0.4793	0.0013	0.2771	0.4802	0.4784
Mo2020	202.030	{4	Y_2243	ppm	0.5103	0.0068	1.331	0.5151	0.5055
Na5895	589.592	{ 5	Y_3710	ppm	12.35	0.0748	0.6053	12.4	12.3
Na8183	818.326	{ 4	Y_3710	ppm	12.41	0.1606	1.294	12.53	12.3
Ni2316	231.604	{4	In2306	ppm	0.4871	0.0033	0.6846	0.4895	0.4848
P_1782	178.284	{4	In2306	ppm	-0.0055	0.0001	1.759	-0.0056	-0.0055
Pb2203	220.353	{4	In2306	ppm	0.4833	0.0024	0.5004	0.485	0.4816
S_1820	182.034	{4	Y_2243	ppm	-141.8	24.13	17.01	-124.8	-158.9
Sb2068	206.833	{4	Y_2243	ppm	0.4916	0.0032	0.6509	0.4939	0.4894
Se1960	196.090	{4	Y_2243	ppm	0.5118	0.004	0.7814	0.5146	0.509
Si2516	251.611	{1	Y_3710	ppm	0.8272	0.0065	0.7818	0.8226	0.8318
Sn1899	189.989	{4	In2306	ppm	0.4815	0.0058	1.208	0.4856	0.4774
Sr4215	421.552	{ 8	Y_3710	ppm	0.2491	0.0016	0.6311	0.2502	0.248
Ti3349	334.904	{1	Y_3600	ppm	0.47	0.0029	0.6216	0.4679	0.4721
Tl1908	190.856	{4	In2306	ppm	0.4928	0.0128	2.591	0.5018	0.4838
V_2924	292.402	{1	Y_3600	ppm	0.4718	0.0054	1.138	0.468	0.4756
Zn2062	206.200	{4	In2306	ppm	0.4731	0.0041	0.8578	0.476	0.4703

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	310.39	0.73215	0.23588	309.88	310.91
In2306	230.606	{4	Cts/S	9961.5	35.518	0.35656	9986.6	9936.4
Y_2243	224.306	{4	Cts/S	13184	46.396	0.35192	13216	13151
Y_3600	360.073	{ 9	Cts/S	61795	145.19	0.23495	61898	61693
Y_3710	371.030	{ 9	Cts/S	16129	90.587	0.56165	16065	16193

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Custom ID1=
Custom ID2=

Custom ID3=
Run Time=1/31/2012 10:56:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0043	0.0003	7.472	0.0041	0.0045
Al3082	308.215 {1	In2306	ppm	0.1081	0.0241	22.34	0.1252	0.091
As1890	189.042 {4	Y_2243	ppm	0.0105	0.0006	5.859	0.0109	0.01
B_2496	249.678 {1	Y_3710	ppm	0.0136	0.0013	9.713	0.0126	0.0145
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0002	1.746	0.0097	0.0099
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.3173	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1102	0.0011	1.027	0.1094	0.111
Ca3181	318.128 {1	In2306	ppm	0.1348	0.0261	19.37	0.1163	0.1533
Cd2288	228.802 {4	Y_2243	ppm	0.0056	0.001	17.11	0.005	0.0063
Co2286	228.616 {4	In2306	ppm	0.0101	0.001	9.799	0.0094	0.0108
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0002	2.417	0.0098	0.0095
Cu3247	324.754 {1	Y_3600	ppm	0.0115	0.0015	13.09	0.0104	0.0125
Fe2404	240.488 {1	In2306	ppm	0.101	0.0011	1.137	0.1002	0.1019
K_7664	766.490 { 4	Y_3710	ppm	0.6041	0.0072	1.196	0.599	0.6092
K_7698	769.896 { 4	Y_3710	ppm	0.6151	0.0003	0.0541	0.6149	0.6154
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0006	6.468	0.0104	0.0095
Mg2790	279.079 {1	Y_3710	ppm	0.119	0.0095	7.957	0.1257	0.1123
Mn2576	257.610 {1	Y_3600	ppm	0.0097	0.0001	0.7828	0.0098	0.0097
Mn2576-2	257.610 {1	Y_3710	ppm	0.0097	0.0002	2.221	0.0098	0.0095
Mo2020	202.030 {4	Y_2243	ppm	0.0122	0.0016	12.97	0.0111	0.0134
Na5895	589.592 { 5	Y_3710	ppm	0.5853	0.0012	0.2008	0.5844	0.5861
Na8183	818.326 { 4	Y_3710	ppm	0.5695	0.0417	7.318	0.5989	0.54
Ni2316	231.604 {4	In2306	ppm	0.0104	0.0011	10.13	0.0097	0.0111
P_1782	178.284 {4	In2306	ppm	0.0029	0	0.8864	0.0029	0.0029
Pb2203	220.353 {4	In2306	ppm	0.0106	0.0011	10.16	0.0098	0.0113
S_1820	182.034 {4	Y_2243	ppm	-0.9237	0.2088	22.6	-0.776	-1.071
Sb2068	206.833 {4	Y_2243	ppm	0.0171	0.0011	6.317	0.0164	0.0179
Se1960	196.090 {4	Y_2243	ppm	0.0108	0.001	9.314	0.0115	0.0101
Si2516	251.611 {1	Y_3710	ppm	0.0032	0.0013	41.97	0.0022	0.0041
Sn1899	189.989 {4	In2306	ppm	0.0106	0.0007	7.027	0.0101	0.0111
Sr4215	421.552 { 8	Y_3710	ppm	0.005	0	0.5819	0.005	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.0088	0.0011	12.1	0.0081	0.0096
Tl1908	190.856 {4	In2306	ppm	0.0123	0.0025	20.27	0.0105	0.0141
V_2924	292.402 {1	Y_3600	ppm	0.0099	0.0005	4.777	0.0095	0.0102
Zn2062	206.200 {4	In2306	ppm	0.0096	0.0008	8.436	0.009	0.0102

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	307.1	5.1023	1.6615	303.49	310.71
In2306	230.606 {4	Cts/S	10582	8.4395	0.07975	10588	10576
Y_2243	224.306 {4	Cts/S	13435	6.5286	0.0486	13430	13439
Y_3600	360.073 { 9	Cts/S	60751	159.78	0.26302	60864	60638
Y_3710	371.030 { 9	Cts/S	16084	19.686	0.1224	16098	16070

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Custom ID1=

Custom ID2=
Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	134.4	0	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0047	0.0208	440.6	-0.01	0.0194
As1890	189.042 {4	Y_2243	ppm	0.001	0	2.887	0.001	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0044	0.0021	48.48	0.0029	0.0059
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	77.03	0.0001	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	650	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0151	0.0022	14.21	0.0136	0.0167
Ca3181	318.128 {1	In2306	ppm	0.0202	0.0102	50.43	0.0274	0.013
Cd2288	228.802 {4	Y_2243	ppm	0	0.0002	378.9	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	30.06	0.0003	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0002	252	0.0002	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0006	0.0004	74.45	0.0009	0.0003
Fe2404	240.488 {1	In2306	ppm	-0.0002	0.0035	1676	0.0023	-0.0027
K_7664	766.490 { 4	Y_3710	ppm	0.0127	0.0006	4.887	0.0123	0.0132
K_7698	769.896 { 4	Y_3710	ppm	-0.0321	0.0277	86.36	-0.0517	-0.0125
Li6707	670.784 { 5	Y_3710	ppm	-0.0003	0.0001	37.11	-0.0004	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.013	0.0161	123.7	0.0244	0.0016
Mn2576	257.610 {1	Y_3600	ppm	0	0	10.04	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0008	466.8	-0.0008	0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0002	97.06	0.0001	0.0004
Na5895	589.592 { 5	Y_3710	ppm	-0.0086	0.0035	40.45	-0.011	-0.0061
Na8183	818.326 { 4	Y_3710	ppm	-0.0619	0.0813	131.4	-0.1194	-0.0044
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0001	40.94	0.0003	0.0005
P_1782	178.284 {4	In2306	ppm	-0.006	0.0001	2.13	-0.006	-0.0061
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0002	26.1	0.0007	0.001
S_1820	182.034 {4	Y_2243	ppm	-0.7173	0.0018	0.2569	-0.7186	-0.716
Sb2068	206.833 {4	Y_2243	ppm	0.001	0.0009	94.11	0.0016	0.0003
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0005	48.04	0.0007	0.0013
Si2516	251.611 {1	Y_3710	ppm	-0.0148	0.0039	26.57	-0.0175	-0.012
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0006	250.2	-0.0002	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	0	0	252.6	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0002	0.0001	94.16	-0.0001	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0003	269.8	-0.0001	0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0003	92.33	0.0005	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	87.24	0	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	307.91	4.9896	1.6205	304.38	311.44
In2306	230.606 {4	Cts/S	10619	14.115	0.13293	10629	10609
Y_2243	224.306 {4	Cts/S	13380	1.5272	0.01141	13381	13378
Y_3600	360.073 { 9	Cts/S	60663	18.678	0.03079	60676	60650
Y_3710	371.030 { 9	Cts/S	16104	73.276	0.45502	16052	16156

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Custom ID3=
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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0002	137.2	-0.0003	0
Al3082	308.215 {1	In2306	ppm	-0.0023	0.0059	253.7	-0.0065	0.0018
As1890	189.042 {4	Y_2243	ppm	0.0023	0.0003	14.76	0.0026	0.0021
B_2496	249.678 {1	Y_3710	ppm	0.0797	0.0016	1.97	0.0786	0.0808
Ba4554	455.403 { 7	Y_3710	ppm	0.0742	0.0002	0.2079	0.0743	0.0741
Be3130	313.042 {1	Y_3710	ppm	0	0	262.1	0	0
Ca3158	315.887 {1	In2306	ppm	118.1	2.032	1.721	119.6	116.7
Ca3181	318.128 {1	In2306	ppm	116.5	3.235	2.776	118.8	114.2
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	226.5	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0	0.0001	963.2	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0001	23.97	0.0006	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0013	0.0001	4.305	0.0013	0.0013
Fe2404	240.488 {1	In2306	ppm	0.0244	0.002	8.185	0.023	0.0258
K_7664	766.490 { 4	Y_3710	ppm	3.119	0.031	0.995	3.097	3.141
K_7698	769.896 { 4	Y_3710	ppm	3.154	0.0388	1.231	3.127	3.182
Li6707	670.784 { 5	Y_3710	ppm	0.0078	0.0001	1.209	0.0079	0.0078
Mg2790	279.079 {1	Y_3710	ppm	3.918	0.025	0.6387	3.9	3.936
Mn2576	257.610 {1	Y_3600	ppm	0.0087	0.0001	1.05	0.0087	0.0086
Mn2576-2	257.610 {1	Y_3710	ppm	0.0096	0.0004	4.57	0.0093	0.0099
Mo2020	202.030 {4	Y_2243	ppm	0.0019	0.0001	4.258	0.0019	0.002
Na5895	589.592 { 5	Y_3710	ppm	37.84	0.4481	1.184	37.52	38.16
Na8183	818.326 { 4	Y_3710	ppm	37.03	0.0695	0.1876	37.08	36.98
Ni2316	231.604 {4	In2306	ppm	0.0017	0	0.107	0.0017	0.0017
P_1782	178.284 {4	In2306	ppm	0.0088	0.0016	18.56	0.0099	0.0076
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0002	39.19	0.0004	0.0007
S_1820	182.034 {4	Y_2243	ppm	-5295	7.861	0.1485	-5289	-5300
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0004	28.98	0.0012	0.0019
Se1960	196.090 {4	Y_2243	ppm	0.0018	0.0002	13.88	0.0019	0.0016
Si2516	251.611 {1	Y_3710	ppm	1.204	0.0078	0.647	1.199	1.21
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0001	10.93	0.0007	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	1.168	0.0011	0.0906	1.167	1.168
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0	0.4938	0.0009	0.0009
Tl1908	190.856 {4	In2306	ppm	0.001	0	0.5187	0.001	0.001
V_2924	292.402 {1	Y_3600	ppm	0.0024	0.0002	7.64	0.0025	0.0022
Zn2062	206.200 {4	In2306	ppm	0.0028	0	0.2745	0.0028	0.0028

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	299.4	3.2213	1.0759	297.13	301.68
In2306	230.606 {4	Cts/S	9373.6	63.614	0.67865	9418.5	9328.6
Y_2243	224.306 {4	Cts/S	12597	57.451	0.45608	12637	12556
Y_3600	360.073 { 9	Cts/S	61876	172.93	0.27948	61754	61998
Y_3710	371.030 { 9	Cts/S	15864	130.68	0.82375	15956	15772

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	653.2	0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0135	0.0397	294.9	0.0146	-0.0416
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0003	44.76	0.0004	0.0008
B_2496	249.678 {1	Y_3710	ppm	0.0891	0.0025	2.816	0.0873	0.0909
Ba4554	455.403 { 7	Y_3710	ppm	0.0755	0.0007	0.9096	0.0759	0.075
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	49.62	0.0001	0
Ca3158	315.887 {1	In2306	ppm	113.6	0.125	0.11	113.7	113.6
Ca3181	318.128 {1	In2306	ppm	113.2	0.4253	0.3758	113.5	112.9
Cd2288	228.802 {4	Y_2243	ppm	0	0	70.93	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0003	0.0002	60.24	0.0004	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0012	0.0002	18.24	0.0013	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0011	0.0002	16.32	0.0012	0.001
Fe2404	240.488 {1	In2306	ppm	0.032	0.0072	22.52	0.0371	0.0269
K_7664	766.490 { 4	Y_3710	ppm	3.217	0.0357	1.109	3.243	3.192
K_7698	769.896 { 4	Y_3710	ppm	3.241	0.0713	2.2	3.292	3.191
Li6707	670.784 { 5	Y_3710	ppm	0.0086	0.0002	1.848	0.0087	0.0085
Mg2790	279.079 {1	Y_3710	ppm	4.057	0.006	0.1476	4.062	4.053
Mn2576	257.610 {1	Y_3600	ppm	0.0164	0	0.1096	0.0164	0.0164
Mn2576-2	257.610 {1	Y_3710	ppm	0.0164	0.0003	2.101	0.0162	0.0167
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0001	6.68	0.0019	0.0021
Na5895	589.592 { 5	Y_3710	ppm	38.97	0.7518	1.929	39.5	38.44
Na8183	818.326 { 4	Y_3710	ppm	37.74	0.1896	0.5024	37.87	37.6
Ni2316	231.604 {4	In2306	ppm	0.0016	0.0001	8.21	0.0017	0.0015
P_1782	178.284 {4	In2306	ppm	0.0004	0.0013	315.5	-0.0005	0.0013
Pb2203	220.353 {4	In2306	ppm	0.0018	0.0003	13.83	0.002	0.0016
S_1820	182.034 {4	Y_2243	ppm	-5412	50.48	0.9329	-5447	-5376
Sb2068	206.833 {4	Y_2243	ppm	0.001	0.0023	237.8	-0.0007	0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0027	0.0011	42.58	0.0035	0.0019
Si2516	251.611 {1	Y_3710	ppm	1.021	0.0099	0.9657	1.014	1.028
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0002	28.04	0.0005	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	1.182	0.004	0.3395	1.184	1.179
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0003	94.22	0.0006	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0011	0.0004	36.67	0.0014	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0019	0.0005	25.34	0.0022	0.0015
Zn2062	206.200 {4	In2306	ppm	0.0025	0.0001	2.908	0.0024	0.0025

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	303.63	3.9143	1.2892	300.86	306.39
In2306	230.606 {4	Cts/S	9338.6	28.029	0.30015	9318.8	9358.4
Y_2243	224.306 {4	Cts/S	12540	47.82	0.38133	12507	12574
Y_3600	360.073 { 9	Cts/S	61916	276.02	0.4458	61721	62111
Y_3710	371.030 { 9	Cts/S	15712	77.322	0.49213	15657	15767

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.4871	0.0034	0.6958	0.4895	0.4847
Al3082	308.215	{1	In2306	ppm	10.06	0.0086	0.0854	10.06	10.05
As1890	189.042	{4	Y_2243	ppm	1.017	0.003	0.2909	1.019	1.015
B_2496	249.678	{1	Y_3710	ppm	1.07	0.0014	0.1335	1.071	1.069
Ba4554	455.403	{ 7	Y_3710	ppm	1.054	0.0061	0.5772	1.058	1.049
Be3130	313.042	{1	Y_3710	ppm	0.4768	0.0013	0.264	0.4777	0.4759
Ca3158	315.887	{1	In2306	ppm	125	2.422	1.937	126.8	123.3
Ca3181	318.128	{1	In2306	ppm	124.3	2.29	1.842	125.9	122.7
Cd2288	228.802	{4	Y_2243	ppm	0.4979	0.0006	0.128	0.4983	0.4974
Co2286	228.616	{4	In2306	ppm	0.9561	0.0005	0.0473	0.9558	0.9564
Cr2677	267.716	{1	Y_3600	ppm	0.9183	0.0014	0.1517	0.9192	0.9173
Cu3247	324.754	{1	Y_3600	ppm	0.9918	0.0088	0.8902	0.9981	0.9856
Fe2404	240.488	{1	In2306	ppm	9.764	0.1907	1.953	9.898	9.629
K_7664	766.490	{ 4	Y_3710	ppm	13.13	0.086	0.655	13.19	13.07
K_7698	769.896	{ 4	Y_3710	ppm	13.22	0.0264	0.1998	13.24	13.2
Li6707	670.784	{ 5	Y_3710	ppm	1.034	0.0067	0.6492	1.039	1.029
Mg2790	279.079	{1	Y_3710	ppm	13.5	0.1203	0.8916	13.58	13.41
Mn2576	257.610	{1	Y_3600	ppm	0.9834	0.0077	0.7855	0.9889	0.978
Mn2576-2	257.610	{1	Y_3710	ppm	1.026	0.0055	0.5327	1.03	1.022
Mo2020	202.030	{4	Y_2243	ppm	0.9955	0.0041	0.4142	0.9984	0.9925
Na5895	589.592	{ 5	Y_3710	ppm	49.04	0.3137	0.6396	49.26	48.82
Na8183	818.326	{ 4	Y_3710	ppm	48.7	0.2595	0.5329	48.88	48.51
Ni2316	231.604	{4	In2306	ppm	0.9676	0.0032	0.3312	0.9654	0.9699
P_1782	178.284	{4	In2306	ppm	1.035	0.0015	0.1475	1.034	1.036
Pb2203	220.353	{4	In2306	ppm	0.9522	0.0074	0.7787	0.947	0.9575
S_1820	182.034	{4	Y_2243	ppm	-5366	39.22	0.7309	-5338	-5394
Sb2068	206.833	{4	Y_2243	ppm	1.01	0.0086	0.8515	1.016	1.004
Se1960	196.090	{4	Y_2243	ppm	1.023	0.0019	0.1894	1.022	1.024
Si2516	251.611	{1	Y_3710	ppm	2.146	0.0245	1.14	2.129	2.163
Sn1899	189.989	{4	In2306	ppm	0.9532	0.0021	0.2215	0.9547	0.9517
Sr4215	421.552	{ 8	Y_3710	ppm	1.623	0.0029	0.1776	1.625	1.62
Ti3349	334.904	{1	Y_3600	ppm	0.9229	0.004	0.4333	0.9258	0.9201
Tl1908	190.856	{4	In2306	ppm	1	0.0051	0.5134	0.9969	1.004
V_2924	292.402	{1	Y_3600	ppm	0.9149	0.0028	0.308	0.9129	0.9169
Zn2062	206.200	{4	In2306	ppm	0.9533	0.0046	0.4775	0.9501	0.9566

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	300.53	3.8589	1.284	297.81	303.26
In2306	230.606	{4	Cts/S	9165.8	43.712	0.47691	9196.7	9134.9
Y_2243	224.306	{4	Cts/S	12584	33.639	0.26732	12608	12560
Y_3600	360.073	{ 9	Cts/S	61285	257.97	0.42094	61102	61467
Y_3710	371.030	{ 9	Cts/S	15656	16.5	0.10539	15644	15667

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 11:09:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0003	1679	-0.0002	0.0002
Al3082	308.215	{1	In2306	ppm	0.0108	0.0041	37.93	0.0079	0.0137
As1890	189.042	{4	Y_2243	ppm	0.005	0.0057	114.9	0.0009	0.009
B_2496	249.678	{1	Y_3710	ppm	0.0197	0.0025	12.52	0.0214	0.0179
Ba4554	455.403	{ 7	Y_3710	ppm	0.0147	0.0001	0.5428	0.0148	0.0147
Be3130	313.042	{1	Y_3710	ppm	0	0	140.2	0	0
Ca3158	315.887	{1	In2306	ppm	22.78	0.1842	0.8085	22.91	22.65
Ca3181	318.128	{1	In2306	ppm	22.52	0.2874	1.276	22.72	22.32
Cd2288	228.802	{4	Y_2243	ppm	0.0025	0.0031	126.2	0.0003	0.0046
Co2286	228.616	{4	In2306	ppm	0.0051	0.0064	125.2	0.0006	0.0097
Cr2677	267.716	{1	Y_3600	ppm	0.0005	0.0002	33.4	0.0006	0.0004
Cu3247	324.754	{1	Y_3600	ppm	0.0013	0.0008	59.1	0.0019	0.0008
Fe2404	240.488	{1	In2306	ppm	0.0086	0.0039	45.92	0.0058	0.0114
K_7664	766.490	{ 4	Y_3710	ppm	0.6255	0.0088	1.405	0.6317	0.6193
K_7698	769.896	{ 4	Y_3710	ppm	0.6233	0.0208	3.34	0.638	0.6086
Li6707	670.784	{ 5	Y_3710	ppm	0.0018	0.0002	11.86	0.0016	0.0019
Mg2790	279.079	{1	Y_3710	ppm	0.8232	0.029	3.526	0.8437	0.8027
Mn2576	257.610	{1	Y_3600	ppm	0.0108	0	0.1479	0.0108	0.0108
Mn2576-2	257.610	{1	Y_3710	ppm	0.0106	0.0002	1.706	0.0105	0.0107
Mo2020	202.030	{4	Y_2243	ppm	0.0087	0.0081	92.93	0.003	0.0144
Na5895	589.592	{ 5	Y_3710	ppm	7.452	0.0307	0.4123	7.43	7.474
Na8183	818.326	{ 4	Y_3710	ppm	7.508	0.1297	1.728	7.416	7.6
Ni2316	231.604	{4	In2306	ppm	0.0056	0.0064	112.9	0.0011	0.0101
P_1782	178.284	{4	In2306	ppm	0.0019	0.0041	222.2	-0.0011	0.0048
Pb2203	220.353	{4	In2306	ppm	0.006	0.0046	76.95	0.0027	0.0092
S_1820	182.034	{4	Y_2243	ppm	-1055	16.18	1.534	-1043	-1066
Sb2068	206.833	{4	Y_2243	ppm	0.0135	0.0081	60.09	0.0078	0.0193
Se1960	196.090	{4	Y_2243	ppm	0.0052	0.0032	61.83	0.0029	0.0075
Si2516	251.611	{1	Y_3710	ppm	0.2344	0.0038	1.614	0.2371	0.2317
Sn1899	189.989	{4	In2306	ppm	0.0072	0.0075	104.9	0.0018	0.0125
Sr4215	421.552	{ 8	Y_3710	ppm	0.2234	0.0002	0.1116	0.2232	0.2235
Ti3349	334.904	{1	Y_3600	ppm	0.0016	0.0002	12.2	0.0014	0.0017
Tl1908	190.856	{4	In2306	ppm	0.0046	0.0024	52.53	0.0029	0.0064
V_2924	292.402	{1	Y_3600	ppm	0.001	0.0001	7.185	0.001	0.0009
Zn2062	206.200	{4	In2306	ppm	0.0077	0.0061	80.14	0.0033	0.012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	310.67	1.6948	0.54555	309.47	311.87
In2306	230.606	{4	Cts/S	10182	13.446	0.13206	10191	10172
Y_2243	224.306	{4	Cts/S	13333	1.9648	0.01474	13334	13332
Y_3600	360.073	{ 9	Cts/S	61387	19.563	0.03187	61401	61373
Y_3710	371.030	{ 9	Cts/S	16121	6.3099	0.03914	16126	16117

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0002	0.0001	65.02	0.0003	0.0001
Al3082	308.215	{1	In2306	ppm	-0.0107	0.0019	17.47	-0.012	-0.0093
As1890	189.042	{4	Y_2243	ppm	0.0016	0.002	121.5	0.0002	0.003
B_2496	249.678	{1	Y_3710	ppm	0.0855	0.0039	4.564	0.0883	0.0828
Ba4554	455.403	{ 7	Y_3710	ppm	0.0748	0.0001	0.0684	0.0748	0.0749
Be3130	313.042	{1	Y_3710	ppm	0	0	0.2744	0	0
Ca3158	315.887	{1	In2306	ppm	116.8	0.5285	0.4526	116.4	117.1
Ca3181	318.128	{1	In2306	ppm	116.3	0.5381	0.4627	115.9	116.7
Cd2288	228.802	{4	Y_2243	ppm	0.0006	0.0008	129.1	0.0001	0.0012
Co2286	228.616	{4	In2306	ppm	0.0015	0.0018	117.5	0.0003	0.0027
Cr2677	267.716	{1	Y_3600	ppm	0.0006	0.0003	41.9	0.0008	0.0005
Cu3247	324.754	{1	Y_3600	ppm	0.0047	0.0001	3.029	0.0048	0.0046
Fe2404	240.488	{1	In2306	ppm	0.0154	0.0063	40.83	0.0109	0.0198
K_7664	766.490	{ 4	Y_3710	ppm	3.227	0.0139	0.4312	3.217	3.236
K_7698	769.896	{ 4	Y_3710	ppm	3.225	0.0161	0.4991	3.236	3.213
Li6707	670.784	{ 5	Y_3710	ppm	0.008	0.0004	4.726	0.0077	0.0083
Mg2790	279.079	{1	Y_3710	ppm	3.881	0.042	1.083	3.91	3.851
Mn2576	257.610	{1	Y_3600	ppm	0.0072	0	0.077	0.0072	0.0072
Mn2576-2	257.610	{1	Y_3710	ppm	0.0083	0.0007	8.27	0.0087	0.0078
Mo2020	202.030	{4	Y_2243	ppm	0.0039	0.0026	67.4	0.002	0.0057
Na5895	589.592	{ 5	Y_3710	ppm	38.38	0.3577	0.9321	38.13	38.63
Na8183	818.326	{ 4	Y_3710	ppm	36.85	0.262	0.7111	37.03	36.66
Ni2316	231.604	{4	In2306	ppm	0.0026	0.0018	69.71	0.0013	0.0038
P_1782	178.284	{4	In2306	ppm	0.036	0.0007	2.019	0.0365	0.0355
Pb2203	220.353	{4	In2306	ppm	0.001	0.0024	235.4	-0.0007	0.0027
S_1820	182.034	{4	Y_2243	ppm	-5123	223.7	4.368	-5281	-4965
Sb2068	206.833	{4	Y_2243	ppm	0.0019	0.0036	190.6	-0.0007	0.0044
Se1960	196.090	{4	Y_2243	ppm	0.0042	0.0004	9.516	0.0039	0.0044
Si2516	251.611	{1	Y_3710	ppm	1.124	0.005	0.446	1.12	1.127
Sn1899	189.989	{4	In2306	ppm	0.0017	0.0019	111	0.0004	0.003
Sr4215	421.552	{ 8	Y_3710	ppm	1.169	0.0033	0.2808	1.171	1.166
Ti3349	334.904	{1	Y_3600	ppm	0.0006	0.0004	71.58	0.0003	0.0009
Tl1908	190.856	{4	In2306	ppm	0.0018	0.0015	81.65	0.0008	0.0028
V_2924	292.402	{1	Y_3600	ppm	0.0018	0.0001	3.519	0.0018	0.0018
Zn2062	206.200	{4	In2306	ppm	0.0046	0.0016	34.62	0.0035	0.0057

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	293.43	4.3392	1.4788	296.5	290.37
In2306	230.606	{4	Cts/S	9348.1	97.208	1.0399	9279.4	9416.8
Y_2243	224.306	{4	Cts/S	12579	141.86	1.1278	12478	12679
Y_3600	360.073	{ 9	Cts/S	61683	224.16	0.36341	61525	61842
Y_3710	371.030	{ 9	Cts/S	15762	15.168	0.09623	15772	15751

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0.0002	138.6	0	0.0002
Al3082	308.215	{1 In2306	ppm	0.0063	0.0009	13.82	0.0056	0.0069
As1890	189.042	{4 Y_2243	ppm	0.0015	0.0007	46.54	0.002	0.001
B_2496	249.678	{1 Y_3710	ppm	0.0856	0.004	4.644	0.0828	0.0885
Ba4554	455.403	{ 7 Y_3710	ppm	0.0753	0.0002	0.2082	0.0754	0.0752
Be3130	313.042	{1 Y_3710	ppm	-0.0001	0	68.07	-0.0001	0
Ca3158	315.887	{1 In2306	ppm	119.1	0.7965	0.669	119.6	118.5
Ca3181	318.128	{1 In2306	ppm	118.8	0.7099	0.5974	119.3	118.3
Cd2288	228.802	{4 Y_2243	ppm	0.0001	0	42.69	0.0001	0.0001
Co2286	228.616	{4 In2306	ppm	0.0002	0.0001	61.72	0.0001	0.0003
Cr2677	267.716	{1 Y_3600	ppm	0.0006	0.0001	17.39	0.0007	0.0006
Cu3247	324.754	{1 Y_3600	ppm	0.0004	0.0003	69.65	0.0002	0.0006
Fe2404	240.488	{1 In2306	ppm	0.0226	0.0003	1.374	0.0228	0.0224
K_7664	766.490	{ 4 Y_3710	ppm	3.138	0.007	0.222	3.142	3.133
K_7698	769.896	{ 4 Y_3710	ppm	3.2	0.027	0.8446	3.181	3.219
Li6707	670.784	{ 5 Y_3710	ppm	0.008	0	0.3973	0.008	0.008
Mg2790	279.079	{1 Y_3710	ppm	3.984	0.0799	2.005	3.927	4.04
Mn2576	257.610	{1 Y_3600	ppm	0.0088	0	0.5116	0.0089	0.0088
Mn2576-2	257.610	{1 Y_3710	ppm	0.0089	0.0005	6.086	0.0093	0.0085
Mo2020	202.030	{4 Y_2243	ppm	0.0024	0.0002	7.552	0.0023	0.0025
Na5895	589.592	{ 5 Y_3710	ppm	37.91	0.0828	0.2185	37.96	37.85
Na8183	818.326	{ 4 Y_3710	ppm	37.1	0.2038	0.5492	37.24	36.96
Ni2316	231.604	{4 In2306	ppm	0.0022	0.0003	14.44	0.002	0.0024
P_1782	178.284	{4 In2306	ppm	0.0146	0.001	6.896	0.0153	0.0138
Pb2203	220.353	{4 In2306	ppm	0.0001	0.0013	1010	-0.0008	0.001
S_1820	182.034	{4 Y_2243	ppm	-5351	29.83	0.5574	-5372	-5330
Sb2068	206.833	{4 Y_2243	ppm	0.0011	0.0006	56.06	0.0007	0.0016
Se1960	196.090	{4 Y_2243	ppm	0.0023	0.0002	8.7	0.0022	0.0025
Si2516	251.611	{1 Y_3710	ppm	1.215	0.0132	1.084	1.206	1.224
Sn1899	189.989	{4 In2306	ppm	0.0012	0.0005	44.9	0.0008	0.0015
Sr4215	421.552	{ 8 Y_3710	ppm	1.179	0.0016	0.1387	1.181	1.178
Ti3349	334.904	{1 Y_3600	ppm	0.0009	0.0007	73.54	0.0005	0.0014
Tl1908	190.856	{4 In2306	ppm	0.0008	0.0001	11.76	0.0008	0.0007
V_2924	292.402	{1 Y_3600	ppm	0.0022	0	2.179	0.0021	0.0022
Zn2062	206.200	{4 In2306	ppm	0.0025	0.0001	2.423	0.0025	0.0026

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	300.23	5.0735	1.6899	296.64	303.82
In2306	230.606	{4 Cts/S	9309	13.517	0.1452	9318.5	9299.4
Y_2243	224.306	{4 Cts/S	12551	29.774	0.23722	12572	12530
Y_3600	360.073	{ 9 Cts/S	61519	17.196	0.02795	61531	61506
Y_3710	371.030	{ 9 Cts/S	15768	37.918	0.24047	15795	15742

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Custom ID2=
Custom ID3=
Run Time=1/31/2012 11:17:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2409	0.0005	0.1959	0.2406	0.2412
Al3082	308.215	{1	In2306	ppm	2.458	0.0486	1.979	2.492	2.424
As1890	189.042	{4	Y_2243	ppm	0.5037	0.0123	2.436	0.495	0.5123
B_2496	249.678	{1	Y_3710	ppm	0.4829	0.0001	0.0162	0.4829	0.483
Ba4554	455.403	{ 7	Y_3710	ppm	0.4843	0.0017	0.3443	0.4854	0.4831
Be3130	313.042	{1	Y_3710	ppm	0.4878	0.0005	0.095	0.4882	0.4875
Ca3158	315.887	{1	In2306	ppm	12.45	0.0266	0.2139	12.47	12.43
Ca3181	318.128	{1	In2306	ppm	12.32	0.1107	0.8983	12.24	12.4
Cd2288	228.802	{4	Y_2243	ppm	0.4975	0.0109	2.186	0.4898	0.5052
Co2286	228.616	{4	In2306	ppm	0.495	0.0098	1.971	0.4881	0.5019
Cr2677	267.716	{1	Y_3600	ppm	0.4639	0.0012	0.2486	0.4647	0.4631
Cu3247	324.754	{1	Y_3600	ppm	0.4817	0.0018	0.371	0.4805	0.483
Fe2404	240.488	{1	In2306	ppm	2.497	0.0116	0.4659	2.506	2.489
K_7664	766.490	{ 4	Y_3710	ppm	12.25	0.0459	0.3746	12.28	12.21
K_7698	769.896	{ 4	Y_3710	ppm	12.2	0.098	0.8031	12.27	12.13
Li6707	670.784	{ 5	Y_3710	ppm	0.496	0.0045	0.9096	0.4992	0.4929
Mg2790	279.079	{1	Y_3710	ppm	4.837	0.0073	0.15	4.832	4.842
Mn2576	257.610	{1	Y_3600	ppm	0.4734	0.0003	0.0533	0.4733	0.4736
Mn2576-2	257.610	{1	Y_3710	ppm	0.4853	0.0026	0.5407	0.4871	0.4834
Mo2020	202.030	{4	Y_2243	ppm	0.5132	0.0104	2.034	0.5058	0.5206
Na5895	589.592	{ 5	Y_3710	ppm	12.34	0.0671	0.544	12.39	12.29
Na8183	818.326	{ 4	Y_3710	ppm	12.5	0.017	0.136	12.51	12.48
Ni2316	231.604	{4	In2306	ppm	0.4944	0.0097	1.96	0.4875	0.5012
P_1782	178.284	{4	In2306	ppm	-0.0069	0.0002	2.804	-0.007	-0.0067
Pb2203	220.353	{4	In2306	ppm	0.4923	0.0094	1.908	0.4857	0.499
S_1820	182.034	{4	Y_2243	ppm	-129.4	8.247	6.375	-123.5	-135.2
Sb2068	206.833	{4	Y_2243	ppm	0.4956	0.0103	2.088	0.4883	0.5029
Se1960	196.090	{4	Y_2243	ppm	0.5117	0.0134	2.611	0.5023	0.5211
Si2516	251.611	{1	Y_3710	ppm	0.8338	0.0029	0.3439	0.8317	0.8358
Sn1899	189.989	{4	In2306	ppm	0.4986	0.0079	1.574	0.4931	0.5042
Sr4215	421.552	{ 8	Y_3710	ppm	0.2505	0.0015	0.6063	0.2516	0.2494
Ti3349	334.904	{1	Y_3600	ppm	0.4714	0.0027	0.5671	0.4695	0.4733
Tl1908	190.856	{4	In2306	ppm	0.5043	0.0034	0.6695	0.5019	0.5067
V_2924	292.402	{1	Y_3600	ppm	0.4779	0.0047	0.9843	0.4746	0.4812
Zn2062	206.200	{4	In2306	ppm	0.4875	0.0098	2.02	0.4805	0.4945

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	307.28	2.8488	0.92711	305.26	309.29
In2306	230.606	{4	Cts/S	9871.9	160.51	1.6259	9985.3	9758.4
Y_2243	224.306	{4	Cts/S	13206	230.51	1.7456	13369	13043
Y_3600	360.073	{ 9	Cts/S	61129	132.21	0.21628	61223	61036

Y_3710	371.030 { 9	Cts/S	16014	75.586	0.47201	15960	16067

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Custom ID3=
Run Time=1/31/2012 11:19:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0043	0.0004	9.192	0.004	0.0046
Al3082	308.215 {1	In2306	ppm	0.0929	0.0132	14.2	0.1022	0.0836
As1890	189.042 {4	Y_2243	ppm	0.015	0.0046	30.84	0.0117	0.0182
B_2496	249.678 {1	Y_3710	ppm	0.0127	0.0011	9.044	0.0119	0.0135
Ba4554	455.403 { 7	Y_3710	ppm	0.0099	0.0001	1.053	0.0098	0.01
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.7128	0.0049	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1124	0.001	0.8545	0.1131	0.1117
Ca3181	318.128 {1	In2306	ppm	0.137	0.0333	24.32	0.1134	0.1605
Cd2288	228.802 {4	Y_2243	ppm	0.01	0.0063	62.65	0.0056	0.0145
Co2286	228.616 {4	In2306	ppm	0.0148	0.0064	43.32	0.0103	0.0193
Cr2677	267.716 {1	Y_3600	ppm	0.0094	0.0005	4.878	0.0098	0.0091
Cu3247	324.754 {1	Y_3600	ppm	0.0093	0.0002	2.294	0.0094	0.0091
Fe2404	240.488 {1	In2306	ppm	0.1048	0.0072	6.83	0.1099	0.0998
K_7664	766.490 { 4	Y_3710	ppm	0.5629	0.0673	11.96	0.6105	0.5153
K_7698	769.896 { 4	Y_3710	ppm	0.5933	0.0388	6.54	0.6207	0.5658
Li6707	670.784 { 5	Y_3710	ppm	0.0093	0.0003	2.797	0.0092	0.0095
Mg2790	279.079 {1	Y_3710	ppm	0.1405	0.0222	15.81	0.1562	0.1248
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.2166	0.01	0.0099
Mn2576-2	257.610 {1	Y_3710	ppm	0.0099	0.0003	3.252	0.0097	0.0101
Mo2020	202.030 {4	Y_2243	ppm	0.0176	0.0079	45.05	0.012	0.0233
Na5895	589.592 { 5	Y_3710	ppm	0.5733	0.0007	0.1255	0.5727	0.5738
Na8183	818.326 { 4	Y_3710	ppm	0.4322	0.0264	6.107	0.4136	0.4509
Ni2316	231.604 {4	In2306	ppm	0.0152	0.0066	43.49	0.0105	0.0198
P_1782	178.284 {4	In2306	ppm	0.0039	0.0007	17.76	0.0044	0.0034
Pb2203	220.353 {4	In2306	ppm	0.0159	0.0064	40.43	0.0114	0.0204
S_1820	182.034 {4	Y_2243	ppm	-2.296	1.598	69.59	-1.166	-3.425
Sb2068	206.833 {4	Y_2243	ppm	0.0212	0.0058	27.41	0.0171	0.0253
Se1960	196.090 {4	Y_2243	ppm	0.0144	0.0045	31.17	0.0112	0.0176
Si2516	251.611 {1	Y_3710	ppm	0.0097	0.0074	75.88	0.0045	0.0149
Sn1899	189.989 {4	In2306	ppm	0.0162	0.0074	45.43	0.011	0.0214
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0.0002	3.178	0.005	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0093	0.0001	1.301	0.0094	0.0092
Tl1908	190.856 {4	In2306	ppm	0.0199	0.0097	48.69	0.0131	0.0268
V_2924	292.402 {1	Y_3600	ppm	0.0101	0.0005	4.531	0.0104	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0139	0.006	43.21	0.0096	0.0181

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	308.82	2.3263	0.7533	307.17	310.46
In2306	230.606 {4	Cts/S	10570	5.4566	0.05162	10567	10574
Y_2243	224.306 {4	Cts/S	13532	21.449	0.15851	13517	13547

Y_3600	360.073 { 9	Cts/S	60477	154.15	0.2549	60586	60368
Y_3710	371.030 { 9	Cts/S	16123	31.429	0.19494	16101	16145

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	24.66	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0035	0.0013	38.26	-0.0026	-0.0045
As1890	189.042 {4	Y_2243	ppm	0.0027	0.0004	14.48	0.0025	0.003
B_2496	249.678 {1	Y_3710	ppm	0.0032	0.0011	32.49	0.004	0.0025
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	39	0.0003	0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	80.39	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0053	0.0022	41.69	0.0038	0.0069
Ca3181	318.128 {1	In2306	ppm	0.044	0.0526	119.5	0.0068	0.0813
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0004	126.5	0	0.0006
Co2286	228.616 {4	In2306	ppm	0.0003	0.0005	145.8	0	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	49.91	0.0002	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0006	0.0004	58.08	0.0004	0.0009
Fe2404	240.488 {1	In2306	ppm	0.0023	0.0075	330.2	-0.003	0.0076
K_7664	766.490 { 4	Y_3710	ppm	0.0023	0.0179	772.5	0.015	-0.0104
K_7698	769.896 { 4	Y_3710	ppm	-0.0001	0.0457	33130	-0.0324	0.0322
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	95.45	0	0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0183	0.0249	136	0.036	0.0007
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	54.5	-0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0001	71.71	-0.0001	-0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0008	0.0007	83.78	0.0003	0.0012
Na5895	589.592 { 5	Y_3710	ppm	-0.0084	0.0006	7.67	-0.0089	-0.008
Na8183	818.326 { 4	Y_3710	ppm	-0.0502	0.0395	78.64	-0.0782	-0.0223
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0004	82.96	0.0002	0.0007
P_1782	178.284 {4	In2306	ppm	-0.0066	0.0015	23.53	-0.0055	-0.0077
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0002	11.64	0.0014	0.0012
S_1820	182.034 {4	Y_2243	ppm	-0.5296	0.0069	1.306	-0.5248	-0.5345
Sb2068	206.833 {4	Y_2243	ppm	0.0029	0	0.9059	0.003	0.0029
Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0002	26.58	-0.0008	-0.0011
Si2516	251.611 {1	Y_3710	ppm	-0.0061	0.004	65.2	-0.0089	-0.0033
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0004	56.75	0.0004	0.0009
Sr4215	421.552 { 8	Y_3710	ppm	0	0	53.22	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0002	221.3	0	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.001	0.0004	36.48	0.0008	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0004	0	12.07	0.0004	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0003	0.0003	100.6	0.0001	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	310.05	0.77912	0.25129	309.5	310.6
In2306	230.606 {4	Cts/S	10628	0.05457	0.00051	10628	10628

Y_2243	224.306 {4	Cts/S	13556	40.639	0.29978	13585	13528
Y_3600	360.073 { 9	Cts/S	59709	255.98	0.42871	59890	59528
Y_3710	371.030 { 9	Cts/S	15975	14.677	0.09188	15985	15964

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	38.44	0.0002	0.0001
Al3082	308.215 {1	In2306	ppm	0.3682	0.0488	13.25	0.3337	0.4027
As1890	189.042 {4	Y_2243	ppm	0.002	0.0003	13.48	0.0022	0.0018
B_2496	249.678 {1	Y_3710	ppm	0.1471	0.001	0.6879	0.1464	0.1478
Ba4554	455.403 { 7	Y_3710	ppm	0.2288	0.0006	0.2413	0.2292	0.2284
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	28.03	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	93.42	0.5434	0.5817	93.8	93.04
Ca3181	318.128 {1	In2306	ppm	92.31	0.5117	0.5543	92.67	91.95
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	84.11	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0006	0	4.036	0.0006	0.0006
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0	2.024	0.0012	0.0011
Cu3247	324.754 {1	Y_3600	ppm	0.0033	0.0002	5.263	0.0031	0.0034
Fe2404	240.488 {1	In2306	ppm	0.6805	0.005	0.7301	0.677	0.684
K_7664	766.490 { 4	Y_3710	ppm	14.85	0.18	1.213	14.72	14.97
K_7698	769.896 { 4	Y_3710	ppm	14.84	0.1884	1.27	14.71	14.97
Li6707	670.784 { 5	Y_3710	ppm	0.0077	0	0.2903	0.0078	0.0077
Mg2790	279.079 {1	Y_3710	ppm	30.63	0.1573	0.5137	30.74	30.52
Mn2576	257.610 {1	Y_3600	ppm	0.076	0.0009	1.12	0.0766	0.0754
Mn2576-2	257.610 {1	Y_3710	ppm	0.0797	0.0001	0.1016	0.0797	0.0798
Mo2020	202.030 {4	Y_2243	ppm	0.0071	0.0001	2.108	0.0072	0.007
Na5895	589.592 { 5	Y_3710	ppm	296.7	7.3	2.461	301.8	291.5
Na8183	818.326 { 4	Y_3710	ppm	324	0.9813	0.3029	323.3	324.7
Ni2316	231.604 {4	In2306	ppm	0.0035	0.0001	3.098	0.0036	0.0034
P_1782	178.284 {4	In2306	ppm	1.324	0.0085	0.6404	1.33	1.318
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0002	12.68	0.0012	0.0014
S_1820	182.034 {4	Y_2243	ppm	-3859	15	0.3887	-3870	-3848
Sb2068	206.833 {4	Y_2243	ppm	0.0021	0.0008	36.71	0.0027	0.0016
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0015	113.1	0.0003	0.0024
Si2516	251.611 {1	Y_3710	ppm	1.488	0.0128	0.8583	1.479	1.497
Sn1899	189.989 {4	In2306	ppm	0	0.0003	2342	-0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.5723	0.0004	0.0613	0.5721	0.5726
Ti3349	334.904 {1	Y_3600	ppm	0.0076	0.0014	17.87	0.0086	0.0066
Tl1908	190.856 {4	In2306	ppm	0.0003	0.0015	597.4	-0.0008	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0012	0.0001	6.974	0.0011	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0262	0.0002	0.8069	0.0264	0.0261

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	296.07	0.00732	0.00247	296.06	296.07
In2306	230.606 {4	Cts/S	8401.2	15.749	0.18747	8412.3	8390.1
Y_2243	224.306 {4	Cts/S	11716	30.179	0.25759	11737	11695
Y_3600	360.073 { 9	Cts/S	62501	368.62	0.58978	62241	62762
Y_3710	371.030 { 9	Cts/S	15685	13.311	0.08487	15676	15695

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0007	258.2	0.0002	-0.0008
Al3082	308.215 {1	In2306	ppm	0.4022	0.02	4.961	0.4164	0.3881
As1890	189.042 {4	Y_2243	ppm	0.0025	0.0003	11.57	0.0023	0.0027
B_2496	249.678 {1	Y_3710	ppm	0.146	0.0011	0.7684	0.1468	0.1452
Ba4554	455.403 { 7	Y_3710	ppm	0.2322	0.002	0.859	0.2307	0.2336
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	32.77	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	96.99	1.064	1.097	97.75	96.24
Ca3181	318.128 {1	In2306	ppm	95.89	0.987	1.029	96.59	95.2
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	31.31	0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0004	0.0002	39.45	0.0006	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0015	0.0001	4.844	0.0015	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0037	0.0007	17.89	0.0042	0.0032
Fe2404	240.488 {1	In2306	ppm	0.7101	0.0031	0.4378	0.7123	0.7079
K_7664	766.490 { 4	Y_3710	ppm	14.84	0.1613	1.088	14.72	14.95
K_7698	769.896 { 4	Y_3710	ppm	14.96	0.178	1.19	14.84	15.09
Li6707	670.784 { 5	Y_3710	ppm	0.008	0.0001	1.478	0.0079	0.0081
Mg2790	279.079 {1	Y_3710	ppm	30.96	0.0368	0.1187	30.93	30.99
Mn2576	257.610 {1	Y_3600	ppm	0.077	0.001	1.241	0.0776	0.0763
Mn2576-2	257.610 {1	Y_3710	ppm	0.0799	0.0013	1.618	0.079	0.0808
Mo2020	202.030 {4	Y_2243	ppm	0.007	0.0004	5.073	0.0073	0.0068
Na5895	589.592 { 5	Y_3710	ppm	302	2.15	0.7118	300.5	303.5
Na8183	818.326 { 4	Y_3710	ppm	327.4	3.264	0.9971	325.1	329.7
Ni2316	231.604 {4	In2306	ppm	0.0034	0.0002	5.954	0.0035	0.0032
P_1782	178.284 {4	In2306	ppm	1.317	0.0216	1.641	1.332	1.302
Pb2203	220.353 {4	In2306	ppm	0.0015	0.0006	42.75	0.001	0.002
S_1820	182.034 {4	Y_2243	ppm	-3821	71.46	1.87	-3872	-3771
Sb2068	206.833 {4	Y_2243	ppm	0.002	0.0021	101.7	0.0035	0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0004	42.34	0.0011	0.0006
Si2516	251.611 {1	Y_3710	ppm	1.51	0.0126	0.8332	1.501	1.519
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0003	159.8	0	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.5774	0.0044	0.7655	0.5743	0.5805
Ti3349	334.904 {1	Y_3600	ppm	0.009	0.0003	2.992	0.0092	0.0088
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0017	2196	-0.0013	0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0005	33.8	0.0012	0.002
Zn2062	206.200 {4	In2306	ppm	0.0259	0.0003	1.158	0.0261	0.0257

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	289.74	0.49293	0.17013	290.09	289.39
In2306	230.606 {4	Cts/S	8454.4	72.429	0.8567	8403.2	8505.6
Y_2243	224.306 {4	Cts/S	11832	149.11	1.2602	11727	11938
Y_3600	360.073 { 9	Cts/S	61853	833.49	1.3475	61264	62443
Y_3710	371.030 { 9	Cts/S	15640	112.88	0.72175	15719	15560

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Custom ID2=
Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5008	0.0058	1.162	0.505	0.4967
Al3082	308.215 {1	In2306	ppm	10.67	0.2013	1.887	10.81	10.53
As1890	189.042 {4	Y_2243	ppm	1.075	0.0149	1.385	1.065	1.086
B_2496	249.678 {1	Y_3710	ppm	1.117	0.0061	0.5506	1.121	1.112
Ba4554	455.403 { 7	Y_3710	ppm	1.215	0.0019	0.1581	1.216	1.214
Be3130	313.042 {1	Y_3710	ppm	0.4797	0.0006	0.1165	0.4793	0.4801
Ca3158	315.887 {1	In2306	ppm	103	0.0589	0.0572	102.9	103
Ca3181	318.128 {1	In2306	ppm	102.2	0.388	0.3796	102.5	101.9
Cd2288	228.802 {4	Y_2243	ppm	0.5131	0.0067	1.311	0.5083	0.5178
Co2286	228.616 {4	In2306	ppm	0.9967	0.0128	1.289	0.9876	1.006
Cr2677	267.716 {1	Y_3600	ppm	0.8827	0.0147	1.671	0.8931	0.8723
Cu3247	324.754 {1	Y_3600	ppm	1.029	0.014	1.357	1.039	1.019
Fe2404	240.488 {1	In2306	ppm	10.54	0.0482	0.4575	10.57	10.51
K_7664	766.490 { 4	Y_3710	ppm	25.6	0.1562	0.61	25.71	25.49
K_7698	769.896 { 4	Y_3710	ppm	25.76	0.2215	0.8598	25.92	25.6
Li6707	670.784 { 5	Y_3710	ppm	0.5278	0.0099	1.884	0.5348	0.5207
Mg2790	279.079 {1	Y_3710	ppm	40.85	0.0053	0.0129	40.85	40.84
Mn2576	257.610 {1	Y_3600	ppm	0.9664	0.0145	1.504	0.9766	0.9561
Mn2576-2	257.610 {1	Y_3710	ppm	1.027	0.0018	0.172	1.026	1.028
Mo2020	202.030 {4	Y_2243	ppm	1.027	0.0134	1.305	1.018	1.037
Na5895	589.592 { 5	Y_3710	ppm	311.4	2.466	0.7919	313.2	309.7
Na8183	818.326 { 4	Y_3710	ppm	338.5	0.8816	0.2604	339.1	337.9
Ni2316	231.604 {4	In2306	ppm	1.006	0.0105	1.048	0.9982	1.013
P_1782	178.284 {4	In2306	ppm	1.321	0.0186	1.407	1.308	1.334
Pb2203	220.353 {4	In2306	ppm	0.9754	0.0083	0.8542	0.9695	0.9813
S_1820	182.034 {4	Y_2243	ppm	-3821	57.19	1.497	-3780	-3861
Sb2068	206.833 {4	Y_2243	ppm	1.035	0.0096	0.9236	1.028	1.042
Se1960	196.090 {4	Y_2243	ppm	1.09	0.0152	1.398	1.08	1.101
Si2516	251.611 {1	Y_3710	ppm	2.516	0.0112	0.4444	2.508	2.524
Sn1899	189.989 {4	In2306	ppm	0.9952	0.0092	0.927	0.9886	1.002
Sr4215	421.552 { 8	Y_3710	ppm	1.07	0.0007	0.0609	1.07	1.069
Ti3349	334.904 {1	Y_3600	ppm	0.9074	0.0163	1.795	0.9189	0.8959
Tl1908	190.856 {4	In2306	ppm	0.9801	0.0029	0.2959	0.978	0.9821
V_2924	292.402 {1	Y_3600	ppm	0.9066	0.0164	1.814	0.9182	0.895
Zn2062	206.200 {4	In2306	ppm	1.02	0.0128	1.26	1.011	1.029

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	293.06	2.2008	0.75095	291.51	294.62
In2306	230.606 {4	Cts/S	8280.3	81.771	0.98754	8338.1	8222.5
Y_2243	224.306 {4	Cts/S	11765	135.73	1.1537	11861	11669
Y_3600	360.073 { 9	Cts/S	62233	630.26	1.0128	61787	62678
Y_3710	371.030 { 9	Cts/S	15419	27.342	0.17732	15400	15438

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Custom ID1=
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Custom ID3=
Run Time=1/31/2012 12:16:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5071	0.0009	0.1773	0.5064	0.5077
Al3082	308.215 {1	In2306	ppm	10.77	0.1555	1.444	10.88	10.66
As1890	189.042 {4	Y_2243	ppm	1.075	0.0025	0.2326	1.073	1.077
B_2496	249.678 {1	Y_3710	ppm	1.105	0.0004	0.0384	1.105	1.105
Ba4554	455.403 { 7	Y_3710	ppm	1.208	0.0008	0.0637	1.208	1.207
Be3130	313.042 {1	Y_3710	ppm	0.473	0.0016	0.3462	0.4718	0.4741
Ca3158	315.887 {1	In2306	ppm	105.1	0.605	0.5754	105.6	104.7
Ca3181	318.128 {1	In2306	ppm	104	0.5132	0.4937	104.3	103.6
Cd2288	228.802 {4	Y_2243	ppm	0.5124	0.0009	0.1705	0.513	0.5118
Co2286	228.616 {4	In2306	ppm	0.9967	0.0005	0.0544	0.9971	0.9964
Cr2677	267.716 {1	Y_3600	ppm	0.8841	0.0037	0.4156	0.8815	0.8867
Cu3247	324.754 {1	Y_3600	ppm	1.036	0.009	0.8641	1.029	1.042
Fe2404	240.488 {1	In2306	ppm	10.66	0.0635	0.5955	10.7	10.61
K_7664	766.490 { 4	Y_3710	ppm	24.95	0.2311	0.9262	24.79	25.11
K_7698	769.896 { 4	Y_3710	ppm	25.23	0.2585	1.025	25.04	25.41
Li6707	670.784 { 5	Y_3710	ppm	0.5117	0.0041	0.8055	0.5088	0.5146
Mg2790	279.079 {1	Y_3710	ppm	40.66	0.437	1.075	40.35	40.97
Mn2576	257.610 {1	Y_3600	ppm	0.9785	0.0054	0.5477	0.9747	0.9823
Mn2576-2	257.610 {1	Y_3710	ppm	1.024	0.0018	0.1802	1.023	1.026
Mo2020	202.030 {4	Y_2243	ppm	1.024	0.0062	0.6036	1.029	1.02
Na5895	589.592 { 5	Y_3710	ppm	311.7	6.76	2.169	306.9	316.4
Na8183	818.326 { 4	Y_3710	ppm	336.2	0.7849	0.2334	335.7	336.8
Ni2316	231.604 {4	In2306	ppm	1.002	0.0021	0.2142	1.004	1
P_1782	178.284 {4	In2306	ppm	1.325	0.005	0.3737	1.329	1.322
Pb2203	220.353 {4	In2306	ppm	0.9751	0.0048	0.4872	0.9717	0.9785
S_1820	182.034 {4	Y_2243	ppm	-3816	8.085	0.2119	-3821	-3810
Sb2068	206.833 {4	Y_2243	ppm	1.043	0.0059	0.5679	1.048	1.039
Se1960	196.090 {4	Y_2243	ppm	1.085	0.0054	0.4961	1.089	1.081
Si2516	251.611 {1	Y_3710	ppm	2.445	0.0269	1.1	2.426	2.464
Sn1899	189.989 {4	In2306	ppm	0.9961	0.0015	0.1534	0.9971	0.995
Sr4215	421.552 { 8	Y_3710	ppm	1.064	0.0009	0.0851	1.064	1.065
Ti3349	334.904 {1	Y_3600	ppm	0.9114	0.0032	0.3522	0.9091	0.9136
Tl1908	190.856 {4	In2306	ppm	0.9834	0.0066	0.6757	0.9881	0.9787
V_2924	292.402 {1	Y_3600	ppm	0.9191	0.0051	0.5505	0.9156	0.9227
Zn2062	206.200 {4	In2306	ppm	1.021	0.0007	0.0667	1.021	1.02

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	290.25	1.5098	0.52015	289.19	291.32
In2306	230.606 {4	Cts/S	8280.1	9.3075	0.11241	8273.5	8286.7
Y_2243	224.306 {4	Cts/S	11791	25.358	0.21506	11773	11809
Y_3600	360.073 { 9	Cts/S	61754	153.81	0.24907	61863	61645
Y_3710	371.030 { 9	Cts/S	15554	55.294	0.35549	15593	15515

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Custom ID3=
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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	107.9	-0.0003	0
Al3082	308.215 {1	In2306	ppm	0.0511	0.0087	17.02	0.045	0.0573
As1890	189.042 {4	Y_2243	ppm	0.0047	0.0028	60.03	0.0027	0.0067
B_2496	249.678 {1	Y_3710	ppm	0.1109	0.0039	3.53	0.1137	0.1082
Ba4554	455.403 { 7	Y_3710	ppm	0.1762	0.0015	0.8459	0.1751	0.1772
Be3130	313.042 {1	Y_3710	ppm	0	0	127.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	69.62	0.9942	1.428	68.92	70.32
Ca3181	318.128 {1	In2306	ppm	68.95	0.9475	1.374	68.28	69.62
Cd2288	228.802 {4	Y_2243	ppm	0.0013	0.0015	115.1	0.0002	0.0023
Co2286	228.616 {4	In2306	ppm	0.0026	0.0029	112	0.0005	0.0046
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0001	6.961	0.0009	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0045	0.0005	10.69	0.0041	0.0048
Fe2404	240.488 {1	In2306	ppm	0.0887	0.0026	2.893	0.0869	0.0905
K_7664	766.490 { 4	Y_3710	ppm	11.38	0.0635	0.5582	11.34	11.43
K_7698	769.896 { 4	Y_3710	ppm	11.42	0.0855	0.7488	11.36	11.48
Li6707	670.784 { 5	Y_3710	ppm	0.0056	0.0007	12.02	0.0061	0.0052
Mg2790	279.079 {1	Y_3710	ppm	23.02	0.0034	0.0147	23.02	23.02
Mn2576	257.610 {1	Y_3600	ppm	0.0555	0.0002	0.4316	0.0554	0.0557
Mn2576-2	257.610 {1	Y_3710	ppm	0.0562	0.0007	1.298	0.0567	0.0557
Mo2020	202.030 {4	Y_2243	ppm	0.0107	0.0046	43.34	0.0074	0.014
Na5895	589.592 { 5	Y_3710	ppm	231.2	2.318	1.003	229.6	232.9
Na8183	818.326 { 4	Y_3710	ppm	245.4	2.208	0.8998	243.8	247
Ni2316	231.604 {4	In2306	ppm	0.0045	0.0031	69.33	0.0023	0.0066
P_1782	178.284 {4	In2306	ppm	0.8539	0.0113	1.32	0.846	0.8619
Pb2203	220.353 {4	In2306	ppm	0.002	0.0011	53.13	0.0013	0.0028
S_1820	182.034 {4	Y_2243	ppm	-2844	31.81	1.119	-2821	-2866
Sb2068	206.833 {4	Y_2243	ppm	0.0221	0.0034	15.56	0.0197	0.0246
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0028	133.4	0.0001	0.0041
Si2516	251.611 {1	Y_3710	ppm	0.643	0.0016	0.2475	0.6419	0.6441
Sn1899	189.989 {4	In2306	ppm	0.0047	0.0033	71.17	0.0023	0.0071
Sr4215	421.552 { 8	Y_3710	ppm	0.4319	0.0019	0.4502	0.4305	0.4333
Ti3349	334.904 {1	Y_3600	ppm	0.0024	0.0006	26.17	0.002	0.0029
Tl1908	190.856 {4	In2306	ppm	0.007	0.0056	79.99	0.003	0.0109
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0001	12.76	0.0006	0.0005

Zn2062	206.200 {4	In2306	ppm	0.0325	0.0032	9.712	0.0303	0.0347

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	293.89	4.7096	1.6025	297.22	290.56
In2306	230.606 {4	Cts/S	8657.3	92.257	1.0657	8722.6	8592.1
Y_2243	224.306 {4	Cts/S	11952	115.48	0.96621	12034	11871
Y_3600	360.073 { 9	Cts/S	61935	45.29	0.07313	61903	61967
Y_3710	371.030 { 9	Cts/S	15591	55.816	0.358	15631	15552

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0001	15.03	-0.0005	-0.0006
Al3082	308.215 {1	In2306	ppm	4.121	0.0047	0.113	4.118	4.124
As1890	189.042 {4	Y_2243	ppm	0.0034	0.0001	3.255	0.0033	0.0034
B_2496	249.678 {1	Y_3710	ppm	0.0083	0.0016	19.24	0.0095	0.0072
Ba4554	455.403 { 7	Y_3710	ppm	0.0537	0.0006	1.072	0.0541	0.0533
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	26.56	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	5.247	0.0169	0.3225	5.259	5.235
Ca3181	318.128 {1	In2306	ppm	5.177	0.0431	0.833	5.207	5.146
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	207.5	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0012	0.0002	16.71	0.0011	0.0014
Cr2677	267.716 {1	Y_3600	ppm	0.0031	0.0005	14.46	0.0034	0.0028
Cu3247	324.754 {1	Y_3600	ppm	0.0038	0.0004	11.33	0.0041	0.0035
Fe2404	240.488 {1	In2306	ppm	2.466	0.0227	0.9223	2.482	2.45
K_7664	766.490 { 4	Y_3710	ppm	2.458	0.009	0.3641	2.452	2.465
K_7698	769.896 { 4	Y_3710	ppm	2.426	0.0077	0.3188	2.42	2.431
Li6707	670.784 { 5	Y_3710	ppm	0.002	0.0004	19.79	0.0017	0.0023
Mg2790	279.079 {1	Y_3710	ppm	1.117	0.011	0.9866	1.124	1.109
Mn2576	257.610 {1	Y_3600	ppm	0.0664	0.0005	0.6789	0.0667	0.0661
Mn2576-2	257.610 {1	Y_3710	ppm	0.0681	0.0003	0.4772	0.0678	0.0683
Mo2020	202.030 {4	Y_2243	ppm	0.0011	0.0003	29.02	0.0008	0.0013
Na5895	589.592 { 5	Y_3710	ppm	2.477	0.0232	0.9373	2.494	2.461
Na8183	818.326 { 4	Y_3710	ppm	2.163	0.0195	0.9027	2.149	2.176
Ni2316	231.604 {4	In2306	ppm	0.0024	0	0.9512	0.0024	0.0024
P_1782	178.284 {4	In2306	ppm	0.1236	0.0016	1.272	0.1224	0.1247
Pb2203	220.353 {4	In2306	ppm	0.003	0.0009	28.88	0.0024	0.0037
S_1820	182.034 {4	Y_2243	ppm	-123.2	3.169	2.572	-121	-125.5
Sb2068	206.833 {4	Y_2243	ppm	0.0036	0.0009	24.79	0.0042	0.0029
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0002	19.98	0.0014	0.001
Si2516	251.611 {1	Y_3710	ppm	6.555	0.0202	0.3087	6.569	6.54
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	59.18	0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0163	0.0001	0.522	0.0162	0.0164
Ti3349	334.904 {1	Y_3600	ppm	0.0257	0.0008	3.241	0.0251	0.0263
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0008	170.2	0.0001	-0.0011

V_2924	292.402 {1	Y_3600	ppm	0.0056	0.0005	8.588	0.0059	0.0052
Zn2062	206.200 {4	In2306	ppm	0.0127	0.0003	2.655	0.0125	0.013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	302.83	0.16833	0.05558	302.95	302.71
In2306	230.606 {4	Cts/S	10272	9.5251	0.09273	10279	10266
Y_2243	224.306 {4	Cts/S	13231	30.153	0.22789	13210	13252
Y_3600	360.073 { 9	Cts/S	61248	268.6	0.43855	61058	61437
Y_3710	371.030 { 9	Cts/S	15704	13.91	0.08858	15714	15694

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.001	1018	-0.0006	0.0008
Al3082	308.215 {1	In2306	ppm	6.503	0.022	0.339	6.487	6.518
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0003	16	0.0018	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0192	0.0014	7.363	0.0182	0.0202
Ba4554	455.403 { 7	Y_3710	ppm	0.2111	0.0012	0.5486	0.2119	0.2103
Be3130	313.042 {1	Y_3710	ppm	0.0012	0.0001	4.663	0.0013	0.0012
Ca3158	315.887 {1	In2306	ppm	6.704	0.0228	0.3408	6.688	6.72
Ca3181	318.128 {1	In2306	ppm	6.666	0.0285	0.4269	6.686	6.646
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	40.08	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0039	0.0001	1.46	0.004	0.0039
Cr2677	267.716 {1	Y_3600	ppm	0.0047	0.0001	1.558	0.0047	0.0048
Cu3247	324.754 {1	Y_3600	ppm	0.0042	0.0004	10.52	0.0045	0.0039
Fe2404	240.488 {1	In2306	ppm	3.528	0.0231	0.6558	3.512	3.545
K_7664	766.490 { 4	Y_3710	ppm	1.963	0.0117	0.5966	1.971	1.955
K_7698	769.896 { 4	Y_3710	ppm	1.976	0.0019	0.0973	1.975	1.977
Li6707	670.784 { 5	Y_3710	ppm	0.003	0.0001	1.832	0.003	0.003
Mg2790	279.079 {1	Y_3710	ppm	2.674	0.04	1.497	2.703	2.646
Mn2576	257.610 {1	Y_3600	ppm	0.0598	0.0003	0.4679	0.06	0.0596
Mn2576-2	257.610 {1	Y_3710	ppm	0.0612	0.0009	1.48	0.0618	0.0605
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	22.41	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	4.145	0.0011	0.0271	4.146	4.144
Na8183	818.326 { 4	Y_3710	ppm	3.832	0.0535	1.397	3.869	3.794
Ni2316	231.604 {4	In2306	ppm	0.0039	0	0.3943	0.0039	0.0039
P_1782	178.284 {4	In2306	ppm	0.0632	0.0012	1.903	0.0623	0.064
Pb2203	220.353 {4	In2306	ppm	0.0085	0.0003	3.854	0.0082	0.0087
S_1820	182.034 {4	Y_2243	ppm	-49.61	0.4415	0.89	-49.3	-49.92
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0002	8.472	0.0023	0.0021
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0015	74.94	0.0009	0.003
Si2516	251.611 {1	Y_3710	ppm	10.67	0.0879	0.8241	10.73	10.6
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	35.25	0.0003	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0454	0.0001	0.2782	0.0454	0.0453
Ti3349	334.904 {1	Y_3600	ppm	0.0282	0.0003	0.888	0.0284	0.028

Tl1908	190.856 {4	In2306	ppm	0.0006	0.0002	38.09	0.0008	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0123	0.0003	2.836	0.012	0.0125
Zn2062	206.200 {4	In2306	ppm	0.0205	0	0.1262	0.0206	0.0205

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	309.44	2.1004	0.67879	310.92	307.95
In2306	230.606 {4	Cts/S	10184	0.3053	0.003	10183	10184
Y_2243	224.306 {4	Cts/S	13253	33.49	0.25269	13277	13230
Y_3600	360.073 { 9	Cts/S	61268	418.63	0.68328	60972	61564
Y_3710	371.030 { 9	Cts/S	15567	55.18	0.35447	15528	15606

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	404.6	-0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	2.711	0.0117	0.4331	2.702	2.719
As1890	189.042 {4	Y_2243	ppm	0.005	0.0003	7.031	0.0052	0.0047
B_2496	249.678 {1	Y_3710	ppm	0.0507	0	0.0326	0.0507	0.0507
Ba4554	455.403 { 7	Y_3710	ppm	0.1651	0.0008	0.4882	0.1645	0.1657
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	0.7903	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	30.13	0.1174	0.3898	30.05	30.21
Ca3181	318.128 {1	In2306	ppm	29.79	0.0634	0.2128	29.74	29.83
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	42.32	0.0002	0.0001
Co2286	228.616 {4	In2306	ppm	0.0011	0.0001	6.384	0.0012	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.0029	0.0003	10.25	0.0026	0.0031
Cu3247	324.754 {1	Y_3600	ppm	0.0053	0.0002	3.396	0.0051	0.0054
Fe2404	240.488 {1	In2306	ppm	1.878	0.0073	0.3905	1.873	1.883
K_7664	766.490 { 4	Y_3710	ppm	5.6	0.0011	0.0201	5.599	5.601
K_7698	769.896 { 4	Y_3710	ppm	5.571	0.1012	1.816	5.5	5.643
Li6707	670.784 { 5	Y_3710	ppm	0.0064	0	0.2351	0.0064	0.0064
Mg2790	279.079 {1	Y_3710	ppm	5.85	0.1033	1.765	5.923	5.777
Mn2576	257.610 {1	Y_3600	ppm	0.1557	0.0009	0.5888	0.1563	0.155
Mn2576-2	257.610 {1	Y_3710	ppm	0.162	0.0002	0.1232	0.1618	0.1621
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0001	18.14	0.0004	0.0003
Na5895	589.592 { 5	Y_3710	ppm	10.98	0.0879	0.8003	10.92	11.04
Na8183	818.326 { 4	Y_3710	ppm	10.42	0.1452	1.394	10.32	10.52
Ni2316	231.604 {4	In2306	ppm	0.0026	0.0001	5.019	0.0025	0.0027
P_1782	178.284 {4	In2306	ppm	0.2328	0.0005	0.2201	0.2332	0.2325
Pb2203	220.353 {4	In2306	ppm	0.0031	0.0001	4.32	0.0032	0.003
S_1820	182.034 {4	Y_2243	ppm	-148.2	0.812	0.5478	-148.8	-147.7
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0002	75.61	0.0001	0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0017	309.3	0.0018	-0.0007
Si2516	251.611 {1	Y_3710	ppm	6.602	0.0228	0.3456	6.618	6.586
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	14.2	0.0005	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.1856	0.0001	0.0638	0.1856	0.1855

Ti3349	334.904 {1	Y_3600	ppm	0.0343	0.0012	3.581	0.0334	0.0352
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0005	386.8	0.0005	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0076	0.0003	3.766	0.0074	0.0078
Zn2062	206.200 {4	In2306	ppm	0.0114	0	0.3283	0.0113	0.0114

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	309.74	3.6007	1.1625	312.29	307.19
In2306	230.606 {4	Cts/S	9868.5	45.55	0.46157	9836.3	9900.7
Y_2243	224.306 {4	Cts/S	13059	76.756	0.58776	13005	13113
Y_3600	360.073 { 9	Cts/S	61943	59.283	0.09571	61901	61985
Y_3710	371.030 { 9	Cts/S	15598	35.276	0.22616	15623	15573

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Custom ID2=
Custom ID3=
Run Time=1/31/2012 12:29:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	35.13	0.0002	0.0001
Al3082	308.215 {1	In2306	ppm	6.619	0.1002	1.514	6.548	6.69
As1890	189.042 {4	Y_2243	ppm	0.0345	0.0016	4.604	0.0356	0.0334
B_2496	249.678 {1	Y_3710	ppm	0.0846	0.0016	1.945	0.0835	0.0858
Ba4554	455.403 { 7	Y_3710	ppm	0.181	0.0001	0.036	0.181	0.1809
Be3130	313.042 {1	Y_3710	ppm	0.0009	0.0001	5.538	0.001	0.0009
Ca3158	315.887 {1	In2306	ppm	37.39	0.1814	0.4851	37.26	37.52
Ca3181	318.128 {1	In2306	ppm	37.06	0.2057	0.555	36.92	37.21
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0	14.17	0.0003	0.0003
Co2286	228.616 {4	In2306	ppm	0.0036	0	0.5775	0.0037	0.0036
Cr2677	267.716 {1	Y_3600	ppm	0.0107	0.0004	4.105	0.011	0.0104
Cu3247	324.754 {1	Y_3600	ppm	0.0132	0.0006	4.227	0.0128	0.0135
Fe2404	240.488 {1	In2306	ppm	3.987	0.0416	1.044	3.958	4.017
K_7664	766.490 { 4	Y_3710	ppm	5.358	0.0785	1.465	5.302	5.413
K_7698	769.896 { 4	Y_3710	ppm	5.298	0.0506	0.9559	5.262	5.333
Li6707	670.784 { 5	Y_3710	ppm	0.0057	0.0003	6.068	0.0054	0.0059
Mg2790	279.079 {1	Y_3710	ppm	4.209	0.0204	0.4848	4.224	4.195
Mn2576	257.610 {1	Y_3600	ppm	0.1059	0.0008	0.7272	0.1054	0.1065
Mn2576-2	257.610 {1	Y_3710	ppm	0.1103	0.0007	0.6421	0.1108	0.1098
Mo2020	202.030 {4	Y_2243	ppm	0.0008	0.0001	9.248	0.0009	0.0008
Na5895	589.592 { 5	Y_3710	ppm	9.571	0.2204	2.303	9.416	9.727
Na8183	818.326 { 4	Y_3710	ppm	8.983	0.0465	0.5171	9.015	8.95
Ni2316	231.604 {4	In2306	ppm	0.0052	0.0002	4.646	0.0054	0.0051
P_1782	178.284 {4	In2306	ppm	0.1702	0.0009	0.5396	0.1695	0.1708
Pb2203	220.353 {4	In2306	ppm	0.0084	0.0002	1.95	0.0083	0.0085
S_1820	182.034 {4	Y_2243	ppm	-1035	6.097	0.5891	-1039	-1031
Sb2068	206.833 {4	Y_2243	ppm	0.0004	0	6.086	0.0004	0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0014	0.0003	23.12	0.0016	0.0011
Si2516	251.611 {1	Y_3710	ppm	11.72	0.0057	0.0484	11.72	11.71
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0002	109.6	0.0003	0

Sr4215	421.552 { 8	Y_3710	ppm	0.1116	0.0002	0.2094	0.1118	0.1114
Ti3349	334.904 {1	Y_3600	ppm	0.0417	0.0002	0.5106	0.0415	0.0418
Tl1908	190.856 {4	In2306	ppm	-0.0007	0.0002	27.92	-0.0009	-0.0006
V_2924	292.402 {1	Y_3600	ppm	0.0169	0.0003	1.886	0.0167	0.0171
Zn2062	206.200 {4	In2306	ppm	0.031	0.0005	1.488	0.0313	0.0307

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	302.28	4.2046	1.391	305.25	299.31
In2306	230.606 {4	Cts/S	9804.8	4.9847	0.05084	9808.4	9801.3
Y_2243	224.306 {4	Cts/S	13049	35.748	0.27395	13074	13024
Y_3600	360.073 { 9	Cts/S	61143	182.65	0.29872	61272	61014
Y_3710	371.030 { 9	Cts/S	15325	17.576	0.11469	15337	15312

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0004	87.74	0.0002	0.0007
Al3082	308.215 {1	In2306	ppm	0.0349	0.0518	148.2	0.0715	-0.0017
As1890	189.042 {4	Y_2243	ppm	0.0087	0.0007	7.943	0.0092	0.0082
B_2496	249.678 {1	Y_3710	ppm	0.0563	0.0042	7.479	0.0593	0.0533
Ba4554	455.403 { 7	Y_3710	ppm	0.0706	0.0004	0.6125	0.0703	0.071
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	25.26	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	878.2	4.609	0.5249	881.5	874.9
Ca3181	318.128 {1	In2306	ppm	896.7	5.413	0.6036	900.6	892.9
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0002	54.54	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0007	0.0001	17.38	0.0006	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0028	0.0001	3.022	0.0027	0.0029
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0.0003	12.76	0.0021	0.0025
Fe2404	240.488 {1	In2306	ppm	0.1143	0.0079	6.901	0.1199	0.1088
K_7664	766.490 { 4	Y_3710	ppm	8.279	0.1715	2.071	8.158	8.401
K_7698	769.896 { 4	Y_3710	ppm	8.427	0.1067	1.266	8.352	8.503
Li6707	670.784 { 5	Y_3710	ppm	0.0236	0.0002	0.74	0.0235	0.0237
Mg2790	279.079 {1	Y_3710	ppm	15.73	0.088	0.5597	15.79	15.67
Mn2576	257.610 {1	Y_3600	ppm	0.0355	0.0002	0.6204	0.0354	0.0357
Mn2576-2	257.610 {1	Y_3710	ppm	0.0385	0.0007	1.706	0.038	0.0389
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.0001	0.7674	0.0117	0.0116
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	4313	57.75	1.339	4354	4272
Ni2316	231.604 {4	In2306	ppm	0.0099	0.0002	1.926	0.0097	0.01
P_1782	178.284 {4	In2306	ppm	5.663	0.0627	1.108	5.708	5.619
Pb2203	220.353 {4	In2306	ppm	-0.0018	0.0006	35.37	-0.0013	-0.0022
S_1820	182.034 {4	Y_2243	ppm	-61350	507.6	0.8274	-61710	-60990
Sb2068	206.833 {4	Y_2243	ppm	-0.0015	0.0007	44.78	-0.001	-0.0019
Se1960	196.090 {4	Y_2243	ppm	0.0018	0.0017	95.22	0.0029	0.0006
Si2516	251.611 {1	Y_3710	ppm	5.966	0.0474	0.7942	5.932	5.999

Sn1899	189.989 {4	In2306	ppm	0.0007	0	3.235	0.0007	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	1.901	0.0083	0.4361	1.895	1.907
Ti3349	334.904 {1	Y_3600	ppm	0.0042	0.0002	5.593	0.0041	0.0044
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0007	210.3	0.0002	-0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0026	0.0003	10.69	0.0024	0.0028
Zn2062	206.200 {4	In2306	ppm	0.0136	0.0001	1.091	0.0135	0.0137

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	265.09	1.5635	0.58981	266.19	263.98
In2306	230.606 {4	Cts/S	5941.2	1.6255	0.02736	5942.4	5940.1
Y_2243	224.306 {4	Cts/S	9194	2.1863	0.02378	9192.4	9195.5
Y_3600	360.073 { 9	Cts/S	56434	289.49	0.51297	56638	56229
Y_3710	371.030 { 9	Cts/S	14641	14.152	0.09666	14651	14631

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2387	0.0004	0.1634	0.2384	0.239
Al3082	308.215 {1	In2306	ppm	2.471	0.0056	0.2254	2.475	2.467
As1890	189.042 {4	Y_2243	ppm	0.5028	0.0021	0.411	0.5043	0.5014
B_2496	249.678 {1	Y_3710	ppm	0.4907	0.0052	1.06	0.4943	0.487
Ba4554	455.403 { 7	Y_3710	ppm	0.4879	0.0011	0.2306	0.4887	0.4871
Be3130	313.042 {1	Y_3710	ppm	0.4895	0.0024	0.4842	0.4912	0.4878
Ca3158	315.887 {1	In2306	ppm	12.11	0.1207	0.9968	12.02	12.19
Ca3181	318.128 {1	In2306	ppm	12.04	0.0479	0.3977	12	12.07
Cd2288	228.802 {4	Y_2243	ppm	0.4919	0.0009	0.1777	0.4925	0.4913
Co2286	228.616 {4	In2306	ppm	0.4851	0.0008	0.1743	0.4857	0.4845
Cr2677	267.716 {1	Y_3600	ppm	0.4688	0.001	0.2129	0.4681	0.4695
Cu3247	324.754 {1	Y_3600	ppm	0.4794	0.0032	0.6687	0.4817	0.4771
Fe2404	240.488 {1	In2306	ppm	2.462	0.0138	0.5613	2.453	2.472
K_7664	766.490 { 4	Y_3710	ppm	12.61	0.1739	1.38	12.73	12.48
K_7698	769.896 { 4	Y_3710	ppm	12.56	0.0616	0.4902	12.6	12.51
Li6707	670.784 { 5	Y_3710	ppm	0.5178	0.0088	1.708	0.5241	0.5116
Mg2790	279.079 {1	Y_3710	ppm	4.76	0.0346	0.7275	4.784	4.735
Mn2576	257.610 {1	Y_3600	ppm	0.4697	0.0003	0.0731	0.4694	0.4699
Mn2576-2	257.610 {1	Y_3710	ppm	0.4816	0.0007	0.1513	0.4821	0.481
Mo2020	202.030 {4	Y_2243	ppm	0.5082	0.0047	0.928	0.5115	0.5049
Na5895	589.592 { 5	Y_3710	ppm	13.78	0.2603	1.889	13.96	13.59
Na8183	818.326 { 4	Y_3710	ppm	12.84	0.1182	0.9208	12.92	12.75
Ni2316	231.604 {4	In2306	ppm	0.486	0.0014	0.2845	0.4869	0.485
P_1782	178.284 {4	In2306	ppm	0.0064	0.0176	272.9	-0.006	0.0189
Pb2203	220.353 {4	In2306	ppm	0.4833	0.0037	0.7682	0.4806	0.4859
S_1820	182.034 {4	Y_2243	ppm	-260.7	169.2	64.91	-141	-380.3
Sb2068	206.833 {4	Y_2243	ppm	0.4946	0.0007	0.1449	0.4951	0.4941
Se1960	196.090 {4	Y_2243	ppm	0.5104	0.0018	0.36	0.5117	0.5091

Si2516	251.611 {1	Y_3710	ppm	0.8651	0.0113	1.31	0.857	0.8731
Sn1899	189.989 {4	In2306	ppm	0.4868	0.0009	0.191	0.4875	0.4862
Sr4215	421.552 { 8	Y_3710	ppm	0.2513	0.0009	0.3692	0.252	0.2507
Ti3349	334.904 {1	Y_3600	ppm	0.4718	0.0007	0.1388	0.4713	0.4722
Tl1908	190.856 {4	In2306	ppm	0.491	0.0076	1.55	0.4964	0.4856
V_2924	292.402 {1	Y_3600	ppm	0.4729	0.0023	0.4765	0.4744	0.4713
Zn2062	206.200 {4	In2306	ppm	0.4734	0.0009	0.1849	0.4727	0.474

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	306.44	1.0156	0.33143	307.16	305.73
In2306	230.606 {4	Cts/S	9786.3	139.99	1.4305	9885.3	9687.3
Y_2243	224.306 {4	Cts/S	13026	100.17	0.76902	13097	12955
Y_3600	360.073 { 9	Cts/S	60952	89.958	0.14759	60888	61016
Y_3710	371.030 { 9	Cts/S	15862	84.533	0.53292	15803	15922

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0044	0.0003	5.859	0.0046	0.0042
Al3082	308.215 {1	In2306	ppm	0.0939	0.0066	7.001	0.0893	0.0986
As1890	189.042 {4	Y_2243	ppm	0.0164	0.0073	44.84	0.0112	0.0216
B_2496	249.678 {1	Y_3710	ppm	0.0136	0.0012	9.161	0.0127	0.0145
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0001	0.6117	0.01	0.0101
Be3130	313.042 {1	Y_3710	ppm	0.005	0	0.5686	0.005	0.005
Ca3158	315.887 {1	In2306	ppm	0.1086	0.0018	1.647	0.1099	0.1074
Ca3181	318.128 {1	In2306	ppm	0.0985	0.0145	14.75	0.1087	0.0882
Cd2288	228.802 {4	Y_2243	ppm	0.0114	0.0078	68.2	0.0059	0.0169
Co2286	228.616 {4	In2306	ppm	0.0161	0.0079	48.98	0.0105	0.0217
Cr2677	267.716 {1	Y_3600	ppm	0.0091	0.0003	3.594	0.0093	0.0088
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0016	18.34	0.0097	0.0075
Fe2404	240.488 {1	In2306	ppm	0.0995	0.0099	9.931	0.0925	0.1064
K_7664	766.490 { 4	Y_3710	ppm	0.637	0.0121	1.899	0.6455	0.6284
K_7698	769.896 { 4	Y_3710	ppm	0.6647	0.0049	0.7384	0.6612	0.6681
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0002	2.222	0.0098	0.0101
Mg2790	279.079 {1	Y_3710	ppm	0.1459	0.0189	12.96	0.1326	0.1593
Mn2576	257.610 {1	Y_3600	ppm	0.0093	0.0004	4.666	0.0096	0.009
Mn2576-2	257.610 {1	Y_3710	ppm	0.0094	0.0001	1.087	0.0093	0.0095
Mo2020	202.030 {4	Y_2243	ppm	0.0191	0.0091	47.57	0.0127	0.0255
Na5895	589.592 { 5	Y_3710	ppm	0.9061	0.0118	1.301	0.9144	0.8978
Na8183	818.326 { 4	Y_3710	ppm	0.5979	0.035	5.86	0.6226	0.5731
Ni2316	231.604 {4	In2306	ppm	0.016	0.0076	47.67	0.0106	0.0214
P_1782	178.284 {4	In2306	ppm	0.0052	0.0016	30.4	0.0041	0.0063
Pb2203	220.353 {4	In2306	ppm	0.0155	0.0064	41.13	0.011	0.0201
S_1820	182.034 {4	Y_2243	ppm	-22.23	24	108	-5.259	-39.2
Sb2068	206.833 {4	Y_2243	ppm	0.0238	0.0067	28.34	0.019	0.0285

Se1960	196.090 {4	Y_2243	ppm	0.0159	0.0064	40.15	0.0114	0.0204
Si2516	251.611 {1	Y_3710	ppm	0.0044	0.0101	228	-0.0027	0.0116
Sn1899	189.989 {4	In2306	ppm	0.0173	0.0089	51.28	0.011	0.0236
Sr4215	421.552 { 8	Y_3710	ppm	0.005	0	0.6805	0.0049	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.0091	0.0008	8.574	0.0097	0.0086
Tl1908	190.856 {4	In2306	ppm	0.0221	0.0113	51.26	0.0141	0.0301
V_2924	292.402 {1	Y_3600	ppm	0.0102	0.0005	4.53	0.0098	0.0105
Zn2062	206.200 {4	In2306	ppm	0.0151	0.0076	50.18	0.0098	0.0205

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	313.13	0.60591	0.1935	313.56	312.7
In2306	230.606 {4	Cts/S	10475	48.528	0.46327	10509	10441
Y_2243	224.306 {4	Cts/S	13412	45.393	0.33845	13380	13444
Y_3600	360.073 { 9	Cts/S	62226	2293.7	3.6862	60604	63848
Y_3710	371.030 { 9	Cts/S	15881	57.186	0.36009	15921	15840

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Custom ID2=
Custom ID3=
Run Time=1/31/2012 12:39:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	142.5	0	-0.0004
Al3082	308.215 {1	In2306	ppm	-0.0018	0.0175	980.2	0.0106	-0.0142
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0002	9.359	0.002	0.0017
B_2496	249.678 {1	Y_3710	ppm	0.0035	0.0027	75.9	0.0016	0.0054
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	140.9	0.0002	0
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	228.2	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.008	0.0004	5.392	0.0083	0.0077
Ca3181	318.128 {1	In2306	ppm	0.0104	0.0068	64.95	0.0152	0.0056
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0004	129.7	0	0.0006
Co2286	228.616 {4	In2306	ppm	0.0003	0.0005	164.3	-0.0001	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0005	267.9	0.0006	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0005	0.0005	107	0.0009	0.0001
Fe2404	240.488 {1	In2306	ppm	0.0044	0.004	91.52	0.0072	0.0015
K_7664	766.490 { 4	Y_3710	ppm	0.0359	0.0229	63.88	0.0521	0.0197
K_7698	769.896 { 4	Y_3710	ppm	0.0205	0.0086	41.78	0.0266	0.0145
Li6707	670.784 { 5	Y_3710	ppm	0.0007	0.0007	88.61	0.0012	0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0325	0.0141	43.43	0.0424	0.0225
Mn2576	257.610 {1	Y_3600	ppm	0	0	7.406	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0004	0.0001	39.24	-0.0005	-0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0.0007	132.6	0	0.0011
Na5895	589.592 { 5	Y_3710	ppm	0.1607	0.0049	3.054	0.1642	0.1572
Na8183	818.326 { 4	Y_3710	ppm	0.3823	0.2029	53.08	0.2388	0.5257
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0005	139.4	0	0.0007
P_1782	178.284 {4	In2306	ppm	-0.0066	0.0003	4.366	-0.0064	-0.0068
Pb2203	220.353 {4	In2306	ppm	0.0012	0.0003	21.61	0.0011	0.0014
S_1820	182.034 {4	Y_2243	ppm	-3.155	1.062	33.64	-2.405	-3.906

Sb2068	206.833 {4	Y_2243	ppm	0.0036	0.002	55.88	0.0022	0.0051
Se1960	196.090 {4	Y_2243	ppm	0.0019	0.0023	119.5	0.0003	0.0035
Si2516	251.611 {1	Y_3710	ppm	-0.0027	0.0036	132.4	-0.0052	-0.0002
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0005	86.83	0.0002	0.0009
Sr4215	421.552 {	Y_3710	ppm	0.0001	0	45.56	0.0001	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0006	163	-0.0001	0.0008
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0005	59.45	0.0012	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0007	350.6	0.0007	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.0004	0.0004	94.81	0.0001	0.0007

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	312.22	2.4885	0.79705	310.46	313.98
In2306	230.606 {4	Cts/S	10557	17.871	0.16929	10569	10544
Y_2243	224.306 {4	Cts/S	13390	6.7071	0.05009	13395	13385
Y_3600	360.073 {	Cts/S	60172	6.0156	0.01	60176	60168
Y_3710	371.030 {	Cts/S	15844	59.342	0.37454	15802	15886

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0004	155.5	-0.0006	0
Al3082	308.215 {1	In2306	ppm	3.082	0.1214	3.938	3.167	2.996
As1890	189.042 {4	Y_2243	ppm	0.0072	0.0007	9.37	0.0067	0.0076
B_2496	249.678 {1	Y_3710	ppm	0.1218	0.0073	6.018	0.1269	0.1166
Ba4554	455.403 {	Y_3710	ppm	0.1172	0.0053	4.532	0.121	0.1134
Be3130	313.042 {1	Y_3710	ppm	0.0003	0	8.434	0.0002	0.0003
Ca3158	315.887 {1	In2306	ppm	60.36	0.741	1.228	60.89	59.84
Ca3181	318.128 {1	In2306	ppm	60.21	0.7469	1.24	60.74	59.68
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	27.42	0.0003	0.0004
Co2286	228.616 {4	In2306	ppm	0.0018	0.0001	5.292	0.0019	0.0017
Cr2677	267.716 {1	Y_3600	ppm	0.0106	0.0005	4.257	0.0109	0.0103
Cu3247	324.754 {1	Y_3600	ppm	0.0169	0.0001	0.4062	0.0169	0.017
Fe2404	240.488 {1	In2306	ppm	2.181	0.043	1.973	2.212	2.151
K_7664	766.490 {	Y_3710	ppm	6.116	0.3196	5.227	6.342	5.89
K_7698	769.896 {	Y_3710	ppm	6.124	0.3164	5.167	6.348	5.9
Li6707	670.784 {	Y_3710	ppm	0.0097	0.0015	14.96	0.0108	0.0087
Mg2790	279.079 {1	Y_3710	ppm	7.021	0.2356	3.356	7.187	6.854
Mn2576	257.610 {1	Y_3600	ppm	0.1403	0	0.0001	0.1403	0.1403
Mn2576-2	257.610 {1	Y_3710	ppm	0.141	0.0045	3.176	0.1441	0.1378
Mo2020	202.030 {4	Y_2243	ppm	0.0096	0	0.0482	0.0096	0.0096
Na5895	589.592 {	Y_3710	ppm	99.98	3.005	3.006	102.1	97.85
Na8183	818.326 {	Y_3710	ppm	98.62	4.446	4.508	101.8	95.48
Ni2316	231.604 {4	In2306	ppm	0.0092	0.0006	6.519	0.0096	0.0088
P_1782	178.284 {4	In2306	ppm	0.4585	0.0094	2.048	0.4652	0.4519
Pb2203	220.353 {4	In2306	ppm	0.0127	0.0001	1.072	0.0128	0.0126

S_1820	182.034 {4	Y_2243	ppm	-7170	141.5	1.974	-7270	-7070
Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.0009	50.45	0.0026	0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0016	176.3	0.0021	-0.0002
Si2516	251.611 {1	Y_3710	ppm	6.921	0.2925	4.227	7.128	6.714
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0001	40.62	0.0002	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.3009	0.0126	4.196	0.3098	0.292
Ti3349	334.904 {1	Y_3600	ppm	0.0216	0.0017	7.992	0.0204	0.0229
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0008	103.9	0.0014	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0101	0.0002	2.142	0.0099	0.0102
Zn2062	206.200 {4	In2306	ppm	0.2809	0.0041	1.442	0.2838	0.278

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	308.73	6.7096	2.1733	303.98	313.47
In2306	230.606 {4	Cts/S	9264.7	43.272	0.46706	9234.1	9295.3
Y_2243	224.306 {4	Cts/S	12693	101.35	0.79849	12621	12765
Y_3600	360.073 { 9	Cts/S	61337	349.01	0.56901	61090	61584
Y_3710	371.030 { 9	Cts/S	15947	510.42	3.2007	15586	16308

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	182.8	0.0007	-0.0001
Al3082	308.215 {1	In2306	ppm	0.1169	0.0116	9.937	0.1087	0.1252
As1890	189.042 {4	Y_2243	ppm	0.0062	0.0015	24.39	0.0052	0.0073
B_2496	249.678 {1	Y_3710	ppm	0.2824	0.0025	0.8827	0.2842	0.2807
Ba4554	455.403 { 7	Y_3710	ppm	0.0642	0.0001	0.0843	0.0642	0.0642
Be3130	313.042 {1	Y_3710	ppm	0	0	6.319	0	0
Ca3158	315.887 {1	In2306	ppm	40.42	0.1108	0.2741	40.35	40.5
Ca3181	318.128 {1	In2306	ppm	40.35	0.1471	0.3645	40.46	40.25
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	259.2	0.0002	0
Co2286	228.616 {4	In2306	ppm	0.0006	0	6.84	0.0007	0.0006
Cr2677	267.716 {1	Y_3600	ppm	0.0021	0.0002	11.47	0.002	0.0023
Cu3247	324.754 {1	Y_3600	ppm	0.0012	0.0002	15.11	0.0013	0.001
Fe2404	240.488 {1	In2306	ppm	0.1068	0.0078	7.292	0.1013	0.1124
K_7664	766.490 { 4	Y_3710	ppm	8.749	0.0704	0.805	8.799	8.699
K_7698	769.896 { 4	Y_3710	ppm	8.748	0.0522	0.5972	8.785	8.711
Li6707	670.784 { 5	Y_3710	ppm	0.0303	0.0001	0.4842	0.0302	0.0304
Mg2790	279.079 {1	Y_3710	ppm	5.379	0.0769	1.43	5.325	5.434
Mn2576	257.610 {1	Y_3600	ppm	0.0036	0	0.3365	0.0036	0.0036
Mn2576-2	257.610 {1	Y_3710	ppm	0.0037	0.0004	10.72	0.0035	0.004
Mo2020	202.030 {4	Y_2243	ppm	0.0104	0.0002	2.374	0.0106	0.0103
Na5895	589.592 { 5	Y_3710	ppm	627.6	5.874	0.936	623.4	631.7
Na8183	818.326 { 4	Y_3710	ppm	751.2	1.723	0.2294	752.4	750
Ni2316	231.604 {4	In2306	ppm	0.0044	0.0001	1.452	0.0044	0.0045
P_1782	178.284 {4	In2306	ppm	0.7776	0.0214	2.755	0.7928	0.7625

Pb2203	220.353 {4	In2306	ppm	0.0014	0.0013	93.83	0.0005	0.0024
S_1820	182.034 {4	Y_2243	ppm	-44770	1341	2.995	-45720	-43820
Sb2068	206.833 {4	Y_2243	ppm	-0.0002	0.0003	101.7	-0.0004	-0.0001
Se1960	196.090 {4	Y_2243	ppm	0.0801	0.0033	4.095	0.0824	0.0778
Si2516	251.611 {1	Y_3710	ppm	4.592	0.013	0.2825	4.583	4.601
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0004	342	-0.0004	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.3461	0.002	0.5711	0.3475	0.3447
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0001	4.392	0.0017	0.0016
Tl1908	190.856 {4	In2306	ppm	-0.0016	0.0025	153.5	-0.0033	0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0062	0.0001	1.042	0.0062	0.0061
Zn2062	206.200 {4	In2306	ppm	0.063	0.0056	8.922	0.059	0.067

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	302.29	1.3853	0.45826	301.31	303.27
In2306	230.606 {4	Cts/S	8070.5	6.3733	0.07897	8066	8075
Y_2243	224.306 {4	Cts/S	11684	1.6607	0.01421	11685	11682
Y_3600	360.073 { 9	Cts/S	61908	149.35	0.24125	61802	62014
Y_3710	371.030 { 9	Cts/S	15487	44.656	0.28835	15455	15519

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Run Time=1/31/2012 12:47:51
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	199.2	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0203	0.0052	25.77	0.024	0.0166
As1890	189.042 {4	Y_2243	ppm	0.0005	0.0007	159.8	0.001	-0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0054	0.0027	50.72	0.0034	0.0073
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0.0002	15.86	0.0009	0.0012
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	74.57	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.8938	0.0082	0.9195	0.8996	0.8879
Ca3181	318.128 {1	In2306	ppm	0.8828	0.0131	1.482	0.8735	0.892
Cd2288	228.802 {4	Y_2243	ppm	0	0	20.05	0.0001	0
Co2286	228.616 {4	In2306	ppm	0	0.0002	457.9	-0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0003	202.7	-0.0004	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0009	0.0001	12.92	-0.0008	-0.0009
Fe2404	240.488 {1	In2306	ppm	0.0712	0.0148	20.77	0.0816	0.0607
K_7664	766.490 { 4	Y_3710	ppm	7.493	0.064	0.8543	7.448	7.538
K_7698	769.896 { 4	Y_3710	ppm	7.453	0.0116	0.1557	7.444	7.461
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0004	111.9	0.0006	0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.133	0.0097	7.274	0.1399	0.1262
Mn2576	257.610 {1	Y_3600	ppm	0.0014	0	3.387	0.0014	0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	0.0013	0.0006	49.63	0.0008	0.0017
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0002	43.9	0.0006	0.0003
Na5895	589.592 { 5	Y_3710	ppm	36.65	0.0722	0.197	36.6	36.7
Na8183	818.326 { 4	Y_3710	ppm	36.14	0.1801	0.4984	36.27	36.02
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	104.5	-0.0002	0

P_1782	178.284 {4	In2306	ppm	0.1303	0.0002	0.1312	0.1302	0.1304
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0001	4.23	0.0013	0.0014
S_1820	182.034 {4	Y_2243	ppm	-653.8	54.34	8.312	-615.3	-692.2
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0.0011	1349	0.0009	-0.0007
Se1960	196.090 {4	Y_2243	ppm	-0.0007	0.0008	115	-0.0013	-0.0001
Si2516	251.611 {1	Y_3710	ppm	0.0839	0.0058	6.891	0.088	0.0798
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0001	119.7	0.0001	0
Sr4215	421.552 { 8	Y_3710	ppm	0.0045	0.0001	1.349	0.0046	0.0045
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0013	1264	0.0008	-0.001
Tl1908	190.856 {4	In2306	ppm	-0.0006	0.0006	109.2	-0.001	-0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0002	41.44	0.0004	0.0007
Zn2062	206.200 {4	In2306	ppm	0.0045	0.0001	2.15	0.0044	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	310.14	1.4718	0.47455	309.1	311.18
In2306	230.606 {4	Cts/S	9918.5	39.838	0.40165	9946.7	9890.4
Y_2243	224.306 {4	Cts/S	13250	68.783	0.51913	13298	13201
Y_3600	360.073 { 9	Cts/S	61113	54.12	0.08856	61075	61151
Y_3710	371.030 { 9	Cts/S	16089	32.292	0.20071	16066	16112

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0002	90.33	-0.0001	-0.0004
Al3082	308.215 {1	In2306	ppm	0.3982	0.0128	3.21	0.3891	0.4072
As1890	189.042 {4	Y_2243	ppm	0.009	0.0003	3.589	0.0088	0.0093
B_2496	249.678 {1	Y_3710	ppm	0.2717	0.0005	0.194	0.2721	0.2714
Ba4554	455.403 { 7	Y_3710	ppm	0.1387	0.0003	0.2342	0.139	0.1385
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	22.68	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	78.37	0.2985	0.3809	78.16	78.58
Ca3181	318.128 {1	In2306	ppm	78.49	0.1395	0.1777	78.39	78.59
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0	8.588	0.0003	0.0003
Co2286	228.616 {4	In2306	ppm	0.0004	0	2.12	0.0004	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0041	0.0005	12.18	0.0038	0.0045
Cu3247	324.754 {1	Y_3600	ppm	0.0158	0.0003	1.958	0.0156	0.016
Fe2404	240.488 {1	In2306	ppm	0.7073	0.0065	0.9201	0.7119	0.7027
K_7664	766.490 { 4	Y_3710	ppm	15.51	0.041	0.2642	15.48	15.54
K_7698	769.896 { 4	Y_3710	ppm	15.51	0.0343	0.2212	15.53	15.48
Li6707	670.784 { 5	Y_3710	ppm	0.0198	0.0002	0.8711	0.0199	0.0197
Mg2790	279.079 {1	Y_3710	ppm	8.929	0.1105	1.238	9.007	8.851
Mn2576	257.610 {1	Y_3600	ppm	0.0312	0.0004	1.256	0.031	0.0315
Mn2576-2	257.610 {1	Y_3710	ppm	0.0319	0.0009	2.682	0.0325	0.0313
Mo2020	202.030 {4	Y_2243	ppm	0.0088	0	0.4309	0.0088	0.0088
Na5895	589.592 { 5	Y_3710	ppm	199.6	8.378	4.198	205.5	193.6
Na8183	818.326 { 4	Y_3710	ppm	207.5	0.1988	0.0958	207.4	207.6

Ni2316	231.604 {4	In2306	ppm	0.008	0.0001	1.091	0.0081	0.008
P_1782	178.284 {4	In2306	ppm	3.62	0.0103	0.2841	3.627	3.613
Pb2203	220.353 {4	In2306	ppm	0.0017	0.0005	31.38	0.0014	0.0021
S_1820	182.034 {4	Y_2243	ppm	-10040	24.27	0.2416	-10060	-10030
Sb2068	206.833 {4	Y_2243	ppm	-0.0006	0.0003	58.47	-0.0003	-0.0008
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0004	19.74	0.0022	0.0017
Si2516	251.611 {1	Y_3710	ppm	9.514	0.0229	0.2403	9.53	9.498
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0003	69.74	0.0007	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.5572	0.0022	0.3877	0.5587	0.5557
Ti3349	334.904 {1	Y_3600	ppm	0.0024	0.0003	10.29	0.0023	0.0026
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0009	467.5	0.0004	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0051	0.0003	6.54	0.0048	0.0053
Zn2062	206.200 {4	In2306	ppm	0.9264	0.0001	0.0136	0.9264	0.9265

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	297.52	1.5369	0.51656	298.61	296.43
In2306	230.606 {4	Cts/S	8615.7	35.673	0.41405	8640.9	8590.5
Y_2243	224.306 {4	Cts/S	11999	20.765	0.17306	12013	11984
Y_3600	360.073 { 9	Cts/S	61108	257.01	0.42059	61290	60927
Y_3710	371.030 { 9	Cts/S	15540	62.721	0.40361	15496	15584

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 12:53:05
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0003	550	-0.0003	0.0002
Al3082	308.215 {1	In2306	ppm	0.8217	0.0172	2.092	0.8338	0.8095
As1890	189.042 {4	Y_2243	ppm	0.0038	0.0007	17.87	0.0042	0.0033
B_2496	249.678 {1	Y_3710	ppm	0.0389	0.0055	14.08	0.035	0.0428
Ba4554	455.403 { 7	Y_3710	ppm	0.036	0.0011	3.048	0.0352	0.0368
Be3130	313.042 {1	Y_3710	ppm	0	0	118.3	0.0001	0
Ca3158	315.887 {1	In2306	ppm	20.5	0.1295	0.6317	20.59	20.41
Ca3181	318.128 {1	In2306	ppm	20.32	0.036	0.177	20.35	20.3
Cd2288	228.802 {4	Y_2243	ppm	0.0007	0	0.8241	0.0007	0.0007
Co2286	228.616 {4	In2306	ppm	0.0005	0	9.645	0.0005	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0034	0.0003	9.681	0.0036	0.0032
Cu3247	324.754 {1	Y_3600	ppm	0.01	0.0002	2.292	0.0101	0.0098
Fe2404	240.488 {1	In2306	ppm	0.7046	0.0074	1.056	0.7098	0.6993
K_7664	766.490 { 4	Y_3710	ppm	2.753	0.0776	2.821	2.698	2.808
K_7698	769.896 { 4	Y_3710	ppm	2.679	0.038	1.417	2.652	2.706
Li6707	670.784 { 5	Y_3710	ppm	0.0038	0.0004	10.22	0.0036	0.0041
Mg2790	279.079 {1	Y_3710	ppm	1.924	0.0176	0.9161	1.911	1.936
Mn2576	257.610 {1	Y_3600	ppm	0.0464	0	0.0665	0.0464	0.0464
Mn2576-2	257.610 {1	Y_3710	ppm	0.0486	0.0004	0.8269	0.0484	0.0489
Mo2020	202.030 {4	Y_2243	ppm	0.0121	0	0.3944	0.0121	0.0122
Na5895	589.592 { 5	Y_3710	ppm	26.5	0.8811	3.325	25.87	27.12

Na8183	818.326 {	4	Y_3710	ppm	25.53	0.6023	2.359	25.11	25.96
Ni2316	231.604 {	4	In2306	ppm	0.002	0.0001	7.123	0.0022	0.0019
P_1782	178.284 {	4	In2306	ppm	0.2979	0.0103	3.474	0.2906	0.3053
Pb2203	220.353 {	4	In2306	ppm	0.0039	0.0006	15.88	0.0043	0.0034
S_1820	182.034 {	4	Y_2243	ppm	-1048	16	1.526	-1037	-1060
Sb2068	206.833 {	4	Y_2243	ppm	0.002	0.0008	39.99	0.0026	0.0014
Se1960	196.090 {	4	Y_2243	ppm	0.0008	0.001	130.5	0.0001	0.0015
Si2516	251.611 {	1	Y_3710	ppm	3.041	0.0721	2.372	2.99	3.092
Sn1899	189.989 {	4	In2306	ppm	0.0005	0	2.332	0.0005	0.0005
Sr4215	421.552 {	8	Y_3710	ppm	0.0969	0.0024	2.469	0.0952	0.0986
Ti3349	334.904 {	1	Y_3600	ppm	0.0111	0.0002	1.862	0.0112	0.011
Tl1908	190.856 {	4	In2306	ppm	0.0018	0.0019	106.8	0.0031	0.0004
V_2924	292.402 {	1	Y_3600	ppm	0.0046	0.0001	2.651	0.0045	0.0047
Zn2062	206.200 {	4	In2306	ppm	0.2537	0.0014	0.5655	0.2527	0.2547

[Internal Standards]

Elem	WL		Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {	1	Cts/S	298.75	2.2909	0.76683	300.37	297.13
In2306	230.606 {	4	Cts/S	9808.6	1.4862	0.01515	9809.6	9807.5
Y_2243	224.306 {	4	Cts/S	12978	20.055	0.15453	12992	12964
Y_3600	360.073 {	9	Cts/S	60621	61.486	0.10143	60665	60578
Y_3710	371.030 {	9	Cts/S	15622	343.38	2.1981	15865	15379

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Custom ID2=
Custom ID3=
Run Time=1/31/2012 12:55:39
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL		ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {	1	Y_3600	ppm	0	0.0002	6332	0.0001	-0.0001
Al3082	308.215 {	1	In2306	ppm	0.0334	0.0083	24.81	0.0275	0.0392
As1890	189.042 {	4	Y_2243	ppm	0.0019	0.0008	41.37	0.0024	0.0013
B_2496	249.678 {	1	Y_3710	ppm	0.0067	0.0009	13.13	0.0061	0.0073
Ba4554	455.403 {	7	Y_3710	ppm	0.0012	0.0001	6.589	0.0011	0.0012
Be3130	313.042 {	1	Y_3710	ppm	0	0	72.58	0	0
Ca3158	315.887 {	1	In2306	ppm	0.8671	0.0062	0.7166	0.8715	0.8627
Ca3181	318.128 {	1	In2306	ppm	0.889	0.0149	1.674	0.8785	0.8996
Cd2288	228.802 {	4	Y_2243	ppm	0	0	78.91	-0.0001	0
Co2286	228.616 {	4	In2306	ppm	0	0	260.5	0	0
Cr2677	267.716 {	1	Y_3600	ppm	-0.0007	0.0004	54.31	-0.0004	-0.001
Cu3247	324.754 {	1	Y_3600	ppm	0.0003	0.0001	29.26	0.0004	0.0002
Fe2404	240.488 {	1	In2306	ppm	0.058	0.0084	14.5	0.052	0.0639
K_7664	766.490 {	4	Y_3710	ppm	7.554	0.0146	0.1936	7.543	7.564
K_7698	769.896 {	4	Y_3710	ppm	7.533	0.0156	0.2071	7.522	7.544
Li6707	670.784 {	5	Y_3710	ppm	0.0008	0.0002	28.38	0.001	0.0006
Mg2790	279.079 {	1	Y_3710	ppm	0.1396	0.0088	6.288	0.1458	0.1334
Mn2576	257.610 {	1	Y_3600	ppm	0.0014	0	0.9444	0.0014	0.0014
Mn2576-2	257.610 {	1	Y_3710	ppm	0.0011	0.0006	48.76	0.0007	0.0015
Mo2020	202.030 {	4	Y_2243	ppm	0.0004	0.0003	62.02	0.0003	0.0006

Na5895	589.592 { 5	Y_3710	ppm	37.02	0.1367	0.3693	37.12	36.93
Na8183	818.326 { 4	Y_3710	ppm	36.27	0.0693	0.1911	36.22	36.32
Ni2316	231.604 {4	In2306	ppm	0	0.0001	1101	0.0001	-0.0001
P_1782	178.284 {4	In2306	ppm	0.1296	0.0003	0.2388	0.1294	0.1298
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0003	37.78	0.0007	0.0012
S_1820	182.034 {4	Y_2243	ppm	-609.8	1.206	0.1977	-608.9	-610.6
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.0017	222.4	0.0019	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.0006	356.8	0.0006	-0.0003
Si2516	251.611 {1	Y_3710	ppm	0.0867	0.0204	23.56	0.0722	0.1011
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	261.5	-0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0045	0	0.17	0.0045	0.0045
Ti3349	334.904 {1	Y_3600	ppm	0	0.0003	765.6	0.0002	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0005	0.0004	93.79	0.0008	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.001	0.0001	10.94	0.0011	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0057	0.0016	27.17	0.0046	0.0068

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	309.31	1.5531	0.50212	310.4	308.21
In2306	230.606 {4	Cts/S	9921.2	8.8231	0.08893	9927.5	9915
Y_2243	224.306 {4	Cts/S	13235	5.5036	0.04158	13232	13239
Y_3600	360.073 { 9	Cts/S	61012	61.021	0.10002	60969	61055
Y_3710	371.030 { 9	Cts/S	16048	53.738	0.33487	16086	16010

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Custom ID2=
Custom ID3=
Run Time=1/31/2012 12:58:15
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	115.2	0	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0671	0.0114	17.02	-0.0751	-0.059
As1890	189.042 {4	Y_2243	ppm	0.0028	0.0006	21.73	0.0024	0.0032
B_2496	249.678 {1	Y_3710	ppm	s .0117	0.0125	107	0.0028	s .0206
Ba4554	455.403 { 7	Y_3710	ppm	s .0053	0.0065	121.2	0.0008	s .0099
Be3130	313.042 {1	Y_3710	ppm	s .0000	0	51.7	0	s .0000
Ca3158	315.887 {1	In2306	ppm	2.991	3.135	104.8	0.7743	5.209
Ca3181	318.128 {1	In2306	ppm	3.066	3.211	104.7	0.7961	5.337
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0	12.35	-0.0002	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0002	0	8.986	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0006	78.88	0.0003	0.0012
Cu3247	324.754 {1	Y_3600	ppm	-0.0127	0.0031	24.3	-0.0148	-0.0105
Fe2404	240.488 {1	In2306	ppm	0.0238	0.0295	123.7	0.003	0.0447
K_7664	766.490 { 4	Y_3710	ppm	s .5759	0.6265	108.8	0.1329	s 1.019
K_7698	769.896 { 4	Y_3710	ppm	s .3538	0.7899	223.3	-0.2048	s .9123
Li6707	670.784 { 5	Y_3710	ppm	s .0003	0.0008	252.6	-0.0003	s .0009
Mg2790	279.079 {1	Y_3710	ppm	s .6832	0.7835	114.7	0.1292	s 1.237
Mn2576	257.610 {1	Y_3600	ppm	k .0044	0.0047	107.7	0.001	k .0078
Mn2576-2	257.610 {1	Y_3710	ppm	s .0017	0.0022	129.2	0.0001	s .0032

Mo2020	202.030 {4	Y_2243	ppm	0.001	0.0001	5.723	0.001	0.0011
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	s 8.364	9.168	109.6	1.882	s 14.85
Ni2316	231.604 {4	In2306	ppm	k .0011	0	2.097	0.0011	k .0011
P_1782	178.284 {4	In2306	ppm	0.4313	0.025	5.796	0.4136	0.449
Pb2203	220.353 {4	In2306	ppm	k .0018	0.0001	6.84	0.0019	k .0017
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	^ -----	-1191
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0002	24.95	0.001	0.0007
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0012	180.8	-0.0002	0.0016
Si2516	251.611 {1	Y_3710	ppm	s .4459	0.546	122.4	0.0598	s .8320
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0002	100.7	-0.0004	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	s .0232	0.026	112.2	0.0048	s .0416
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0003	109.6	0.0001	0.0005
Tl1908	190.856 {4	In2306	ppm	k .0011	0.0002	14.01	0.001	k .0012
V_2924	292.402 {1	Y_3600	ppm	0.0112	0.0007	6.396	0.0117	0.0107
Zn2062	206.200 {4	In2306	ppm	0.1577	0.0092	5.811	0.1512	0.1641

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	871.06	127.68	14.658	780.78	961.35
In2306	230.606 {4	Cts/S	27131	414.44	1.5276	27424	26838
Y_2243	224.306 {4	Cts/S	39649	582.38	1.4688	40061	39237
Y_3600	360.073 { 9	Cts/S	149750	52049	34.758	186550	112940
Y_3710	371.030 { 9	Cts/S	^ *****	-----	-----	36819	^-----

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Custom ID2=
Custom ID3=
Run Time=1/31/2012 13:00:49
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	k .0002	0.0004	179.2	-0.0001	k .0005
Al3082	308.215 {1	In2306	ppm	k -.0774	0.0175	22.59	-0.065	k -.0898
As1890	189.042 {4	Y_2243	ppm	s .0019	0.0001	5.243	0.002	s .0018
B_2496	249.678 {1	Y_3710	ppm	s .0031	0.0007	21.71	0.0035	s .0026
Ba4554	455.403 { 7	Y_3710	ppm	s .0001	0.0002	187.8	0	s .0003
Be3130	313.042 {1	Y_3710	ppm	s .0000	0	24.21	0	s .0000
Ca3158	315.887 {1	In2306	ppm	0.3881	0.1611	41.5	0.2742	0.502
Ca3181	318.128 {1	In2306	ppm	0.4095	0.1596	38.96	0.2967	0.5224
Cd2288	228.802 {4	Y_2243	ppm	s -.0002	0	1.627	-0.0002	s -.0002
Co2286	228.616 {4	In2306	ppm	k .0002	0	27.79	0.0001	k .0002
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0002	33.84	0.0004	0.0006
Cu3247	324.754 {1	Y_3600	ppm	k -.0134	0.0004	3.306	-0.0137	k -.0131
Fe2404	240.488 {1	In2306	ppm	0.0123	0.0022	18.22	0.0107	0.0139
K_7664	766.490 { 4	Y_3710	ppm	s .0478	0.0308	64.42	0.026	s .0695
K_7698	769.896 { 4	Y_3710	ppm	s -.2178	0.0066	3.041	-0.2131	s -.2225
Li6707	670.784 { 5	Y_3710	ppm	s .0001	0.0002	133.8	0.0002	s .0000
Mg2790	279.079 {1	Y_3710	ppm	s .0790	0.0235	29.76	0.0624	s .0956
Mn2576	257.610 {1	Y_3600	ppm	k .0053	0.0009	16.32	0.0046	k .0059

Mn2576-2	257.610	{1	Y_3710	ppm	s	.0008	0.0009	117.2	0.0001 s .0015
Mo2020	202.030	{4	Y_2243	ppm	s	.0015	0	1.131	0.0015 s .0015
Na5895	589.592	{ 5	Y_3710	ppm	s	.3427	0.1763	51.44	0.218 s .4673
Na8183	818.326	{ 4	Y_3710	ppm	s	.6519	0.209	32.06	0.5041 s .7997
Ni2316	231.604	{4	In2306	ppm	k	.0004	0.0001	18.3	0.0004 k .0005
P_1782	178.284	{4	In2306	ppm		0.03	0.0005	1.779	0.0304 0.0296
Pb2203	220.353	{4	In2306	ppm	k	.0023	0.0001	4.505	0.0022 k .0023
S_1820	182.034	{4	Y_2243	ppm	s	-121.9	1.668	1.369	-123 s -120.7
Sb2068	206.833	{4	Y_2243	ppm	s	.0017	0.0005	29.15	0.0021 s .0014
Se1960	196.090	{4	Y_2243	ppm	s	.0006	0.0005	84.04	0.001 s .0002
Si2516	251.611	{1	Y_3710	ppm	s	.0389	0.0306	78.75	0.0172 s .0605
Sn1899	189.989	{4	In2306	ppm		-0.0002	0	22.67	-0.0001 -0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	s	.0016	0.0009	53.41	0.001 s .0022
Ti3349	334.904	{1	Y_3600	ppm	k	.0009	0.0001	15	0.001 k .0008
Tl1908	190.856	{4	In2306	ppm	k	.0013	0.0007	56.16	0.0008 k .0018
V_2924	292.402	{1	Y_3600	ppm	k	.0114	0.0004	3.924	0.0111 k .0117
Zn2062	206.200	{4	In2306	ppm	k	.0433	0.0011	2.517	0.044 k .0425

[Internal Standards]

Elem	WL		Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	969.82	343.3	35.398	727.07	1212.6
In2306	230.606	{4	Cts/S	29107	1016.8	3.4932	28388	29826
Y_2243	224.306	{4	Cts/S	^ *****	-----	-----	39589	^-----
Y_3600	360.073	{ 9	Cts/S	150460	6192.5	4.1158	154840	146080
Y_3710	371.030	{ 9	Cts/S	^ *****	-----	-----	31918	^-----

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Custom ID2=
Custom ID3=
Run Time=1/31/2012 13:03:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL		ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2422	0.0011	0.4523	0.2415	0.243
Al3082	308.215	{1	In2306	ppm	2.383	0.1007	4.224	2.454	2.312
As1890	189.042	{4	Y_2243	ppm	0.5013	0.0055	1.107	0.4974	0.5053
B_2496	249.678	{1	Y_3710	ppm	0.4733	0.0191	4.031	0.4868	0.4599
Ba4554	455.403	{ 7	Y_3710	ppm	0.4742	0.0164	3.455	0.4858	0.4626
Be3130	313.042	{1	Y_3710	ppm	0.4776	0.0189	3.963	0.491	0.4642
Ca3158	315.887	{1	In2306	ppm	11.89	0.5959	5.011	12.31	11.47
Ca3181	318.128	{1	In2306	ppm	11.82	0.5203	4.403	12.19	11.45
Cd2288	228.802	{4	Y_2243	ppm	0.4963	0.006	1.211	0.492	0.5005
Co2286	228.616	{4	In2306	ppm	0.4933	0.0038	0.7634	0.4906	0.4959
Cr2677	267.716	{1	Y_3600	ppm	0.4789	0.0024	0.5017	0.4772	0.4806
Cu3247	324.754	{1	Y_3600	ppm	0.4853	0.0048	0.9833	0.482	0.4887
Fe2404	240.488	{1	In2306	ppm	2.411	0.1338	5.55	2.506	2.317
K_7664	766.490	{ 4	Y_3710	ppm	12.16	0.3216	2.645	12.39	11.93
K_7698	769.896	{ 4	Y_3710	ppm	12.24	0.2795	2.284	12.43	12.04
Li6707	670.784	{ 5	Y_3710	ppm	0.4991	0.0117	2.336	0.5073	0.4908
Mg2790	279.079	{1	Y_3710	ppm	4.703	0.191	4.062	4.838	4.568

Mn2576	257.610 {1	Y_3600	ppm	0.4774	0.0033	0.7001	0.475	0.4797
Mn2576-2	257.610 {1	Y_3710	ppm	0.4686	0.0202	4.309	0.4829	0.4544
Mo2020	202.030 {4	Y_2243	ppm	0.5085	0.0034	0.661	0.5062	0.5109
Na5895	589.592 { 5	Y_3710	ppm	12.4	0.3066	2.473	12.62	12.18
Na8183	818.326 { 4	Y_3710	ppm	12.09	0.3262	2.698	12.32	11.86
Ni2316	231.604 {4	In2306	ppm	0.4898	0.0044	0.9079	0.4866	0.4929
P_1782	178.284 {4	In2306	ppm	-0.0016	0.005	314.9	-0.0051	0.0019
Pb2203	220.353 {4	In2306	ppm	0.4927	0.0049	0.9887	0.4893	0.4961
S_1820	182.034 {4	Y_2243	ppm	-133.6	15.64	11.71	-122.5	-144.6
Sb2068	206.833 {4	Y_2243	ppm	0.4924	0.002	0.4109	0.491	0.4939
Se1960	196.090 {4	Y_2243	ppm	0.5102	0.0087	1.714	0.504	0.5164
Si2516	251.611 {1	Y_3710	ppm	0.828	0.0381	4.601	0.8549	0.801
Sn1899	189.989 {4	In2306	ppm	0.4963	0.0013	0.2555	0.4954	0.4972
Sr4215	421.552 { 8	Y_3710	ppm	0.2439	0.0092	3.786	0.2504	0.2373
Ti3349	334.904 {1	Y_3600	ppm	0.4829	0.005	1.039	0.4793	0.4864
Tl1908	190.856 {4	In2306	ppm	0.4944	0.0059	1.194	0.4986	0.4902
V_2924	292.402 {1	Y_3600	ppm	0.486	0.0028	0.5863	0.484	0.488
Zn2062	206.200 {4	In2306	ppm	0.4898	0.0095	1.941	0.4831	0.4965

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	314.35	12.297	3.9117	305.65	323.04
In2306	230.606 {4	Cts/S	9757.6	228.84	2.3453	9919.4	9595.7
Y_2243	224.306 {4	Cts/S	13093	320.94	2.4512	13320	12866
Y_3600	360.073 { 9	Cts/S	60203	494.53	0.82143	60553	59854
Y_3710	371.030 { 9	Cts/S	16288	479.15	2.9417	15949	16627

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.005	0.0002	3.821	0.0051	0.0048
Al3082	308.215 {1	In2306	ppm	0.0863	0.0084	9.707	0.0922	0.0804
As1890	189.042 {4	Y_2243	ppm	0.0161	0.0074	45.65	0.0109	0.0213
B_2496	249.678 {1	Y_3710	ppm	0.0113	0.0005	4.787	0.0117	0.011
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0002	1.938	0.01	0.0097
Be3130	313.042 {1	Y_3710	ppm	0.005	0	0.3387	0.0049	0.005
Ca3158	315.887 {1	In2306	ppm	0.1035	0.0006	0.5904	0.104	0.1031
Ca3181	318.128 {1	In2306	ppm	0.1479	0.0278	18.78	0.1283	0.1675
Cd2288	228.802 {4	Y_2243	ppm	0.0109	0.0073	67.57	0.0057	0.0161
Co2286	228.616 {4	In2306	ppm	0.0158	0.0074	46.57	0.0106	0.021
Cr2677	267.716 {1	Y_3600	ppm	0.0091	0.0002	2.218	0.0093	0.009
Cu3247	324.754 {1	Y_3600	ppm	0.0089	0.0001	1.509	0.009	0.0088
Fe2404	240.488 {1	In2306	ppm	0.1014	0.0053	5.208	0.1052	0.0977
K_7664	766.490 { 4	Y_3710	ppm	0.5906	0.0124	2.108	0.5994	0.5818
K_7698	769.896 { 4	Y_3710	ppm	0.6217	0.0243	3.91	0.6046	0.6389
Li6707	670.784 { 5	Y_3710	ppm	0.0106	0.0002	1.796	0.0107	0.0105

Mg2790	279.079 {1	Y_3710	ppm	0.1251	0.0189	15.07	0.1118	0.1385
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0003	2.752	0.0103	0.0099
Mn2576-2	257.610 {1	Y_3710	ppm	0.0104	0.0004	3.502	0.0106	0.0101
Mo2020	202.030 {4	Y_2243	ppm	0.0184	0.0086	46.52	0.0124	0.0245
Na5895	589.592 { 5	Y_3710	ppm	0.6063	0.0002	0.035	0.6065	0.6062
Na8183	818.326 { 4	Y_3710	ppm	0.4984	0.0185	3.719	0.4853	0.5115
Ni2316	231.604 {4	In2306	ppm	0.0161	0.0075	46.8	0.0107	0.0214
P_1782	178.284 {4	In2306	ppm	0.0034	0.0006	17.99	0.003	0.0038
Pb2203	220.353 {4	In2306	ppm	0.0164	0.0065	39.55	0.0118	0.0209
S_1820	182.034 {4	Y_2243	ppm	-3.271	2.923	89.36	-1.204	-5.338
Sb2068	206.833 {4	Y_2243	ppm	0.0243	0.0077	31.89	0.0188	0.0297
Se1960	196.090 {4	Y_2243	ppm	0.0162	0.0054	33.21	0.0124	0.02
Si2516	251.611 {1	Y_3710	ppm	0	0.0001	413.3	0.0001	0
Sn1899	189.989 {4	In2306	ppm	0.017	0.0081	47.85	0.0112	0.0227
Sr4215	421.552 { 8	Y_3710	ppm	0.005	0.0001	1.458	0.0049	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.0101	0	0.111	0.0101	0.0101
Tl1908	190.856 {4	In2306	ppm	0.0206	0.0096	46.86	0.0137	0.0274
V_2924	292.402 {1	Y_3600	ppm	0.0104	0.0003	3.186	0.0106	0.0102
Zn2062	206.200 {4	In2306	ppm	0.0153	0.0074	48.62	0.01	0.0205

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	315.29	0.10619	0.03368	315.37	315.22
In2306	230.606 {4	Cts/S	10484	76.146	0.72629	10431	10538
Y_2243	224.306 {4	Cts/S	13480	114.38	0.84847	13399	13561
Y_3600	360.073 { 9	Cts/S	59771	87.032	0.14561	59709	59832
Y_3710	371.030 { 9	Cts/S	16001	65.371	0.40855	16047	15954

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	211.8	0.0003	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0234	0.0212	90.49	-0.0384	-0.0084
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0005	43.38	0.0016	0.0008
B_2496	249.678 {1	Y_3710	ppm	0.0043	0.0007	16.09	0.0039	0.0048
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	180.5	0	0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	64.94	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0123	0.0044	35.4	0.0092	0.0154
Ca3181	318.128 {1	In2306	ppm	0.0265	0.0292	110.1	0.0471	0.0059
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	81.44	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	79.54	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0001	26.59	-0.0003	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0006	0.0004	64.41	0.0003	0.0008
Fe2404	240.488 {1	In2306	ppm	0.0061	0.0026	42.5	0.0043	0.0079
K_7664	766.490 { 4	Y_3710	ppm	0.0111	0.0182	163.4	0.024	-0.0017
K_7698	769.896 { 4	Y_3710	ppm	0.0029	0.0444	1510	0.0343	-0.0285

Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	97.96	0.0001	0
Mg2790	279.079 {1	Y_3710	ppm	0.0368	0.0368	99.97	0.0108	0.0628
Mn2576	257.610 {1	Y_3600	ppm	0	0	179.4	-0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0	38.02	0.0001	0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	51.49	0.0001	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0126	0.0006	4.912	0.0122	0.0131
Na8183	818.326 { 4	Y_3710	ppm	-0.1635	0.0637	38.97	-0.2086	-0.1185
Ni2316	231.604 {4	In2306	ppm	0	0.0001	174.6	0	-0.0001
P_1782	178.284 {4	In2306	ppm	-0.0053	0.0004	8.489	-0.0049	-0.0056
Pb2203	220.353 {4	In2306	ppm	0.0012	0.0009	75.53	0.0018	0.0005
S_1820	182.034 {4	Y_2243	ppm	-1.209	0.309	25.57	-0.9901	-1.427
Sb2068	206.833 {4	Y_2243	ppm	0.0013	0.0005	35.66	0.001	0.0016
Se1960	196.090 {4	Y_2243	ppm	-0.0001	0.0005	490.4	0.0003	-0.0005
Si2516	251.611 {1	Y_3710	ppm	0.0013	0.005	371.9	0.0049	-0.0022
Sn1899	189.989 {4	In2306	ppm	0.0003	0	10.29	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0	0	62.27	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0	0.0002	709.7	0.0002	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0007	91.78	0.0012	0.0003
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0001	291.1	0.0002	-0.0001
Zn2062	206.200 {4	In2306	ppm	0	0	1806	0	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	308.88	0.71214	0.23055	308.38	309.38
In2306	230.606 {4	Cts/S	10541	9.7988	0.09296	10534	10548
Y_2243	224.306 {4	Cts/S	13401	22.888	0.1708	13385	13417
Y_3600	360.073 { 9	Cts/S	59203	165.15	0.27896	59319	59086
Y_3710	371.030 { 9	Cts/S	15947	56.748	0.35585	15988	15907

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	59.44	0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	0.3727	0.015	4.022	0.3621	0.3833
As1890	189.042 {4	Y_2243	ppm	0.009	0.0012	13.42	0.0098	0.0081
B_2496	249.678 {1	Y_3710	ppm	0.2706	0.0002	0.0619	0.2704	0.2707
Ba4554	455.403 { 7	Y_3710	ppm	0.1371	0.001	0.7213	0.1378	0.1364
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	10.92	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	78.97	1.524	1.93	77.9	80.05
Ca3181	318.128 {1	In2306	ppm	78.82	1.53	1.941	77.73	79.9
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	64.42	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	62.02	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0042	0.0003	6.095	0.004	0.0044
Cu3247	324.754 {1	Y_3600	ppm	0.0155	0.0002	1.507	0.0157	0.0153
Fe2404	240.488 {1	In2306	ppm	0.6973	0.0088	1.26	0.6911	0.7035
K_7664	766.490 { 4	Y_3710	ppm	15.1	0.2011	1.332	15.24	14.95

K_7698	769.896 { 4	Y_3710	ppm	15.13	0.1641	1.084	15.25	15.01
Li6707	670.784 { 5	Y_3710	ppm	0.0187	0.0005	2.855	0.0191	0.0183
Mg2790	279.079 {1	Y_3710	ppm	8.882	0.076	0.8553	8.828	8.936
Mn2576	257.610 {1	Y_3600	ppm	0.0313	0	0.1458	0.0313	0.0313
Mn2576-2	257.610 {1	Y_3710	ppm	0.032	0.0008	2.64	0.0314	0.0326
Mo2020	202.030 {4	Y_2243	ppm	0.0086	0	0.4891	0.0085	0.0086
Na5895	589.592 { 5	Y_3710	ppm	196	3.492	1.782	193.5	198.5
Na8183	818.326 { 4	Y_3710	ppm	203.7	1.533	0.7523	204.8	202.6
Ni2316	231.604 {4	In2306	ppm	0.008	0.0002	2.747	0.0082	0.0079
P_1782	178.284 {4	In2306	ppm	3.604	0.0006	0.0178	3.604	3.604
Pb2203	220.353 {4	In2306	ppm	0.0012	0.0006	47.38	0.0008	0.0016
S_1820	182.034 {4	Y_2243	ppm	-9956	2.776	0.0279	-9958	-9954
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.001	113.1	0.0017	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0017	0.0006	36.02	0.0022	0.0013
Si2516	251.611 {1	Y_3710	ppm	9.4	0.0013	0.0136	9.401	9.399
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0002	106.8	0	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.5508	0.0036	0.6544	0.5533	0.5482
Ti3349	334.904 {1	Y_3600	ppm	0.0029	0.0002	8.57	0.003	0.0027
Tl1908	190.856 {4	In2306	ppm	0.001	0.0001	10.42	0.0009	0.0011
V_2924	292.402 {1	Y_3600	ppm	0.0058	0.0002	4.242	0.006	0.0056
Zn2062	206.200 {4	In2306	ppm	0.934	0.0013	0.1434	0.935	0.9331

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	301.02	0.27779	0.09228	301.21	300.82
In2306	230.606 {4	Cts/S	8804.6	15.032	0.17073	8815.3	8794
Y_2243	224.306 {4	Cts/S	12297	36.73	0.2987	12323	12271
Y_3600	360.073 { 9	Cts/S	61033	103.32	0.16929	61106	60960
Y_3710	371.030 { 9	Cts/S	15708	90.129	0.57378	15644	15772

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0002	96.83	0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	0.8435	0.015	1.773	0.8329	0.854
As1890	189.042 {4	Y_2243	ppm	0.002	0.0001	4.841	0.0021	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0386	0.0008	2.143	0.0381	0.0392
Ba4554	455.403 { 7	Y_3710	ppm	0.0354	0.0001	0.167	0.0353	0.0354
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	16.09	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	19.87	0.1843	0.9276	19.74	20
Ca3181	318.128 {1	In2306	ppm	19.7	0.1443	0.7325	19.6	19.8
Cd2288	228.802 {4	Y_2243	ppm	0.0007	0	1.367	0.0007	0.0007
Co2286	228.616 {4	In2306	ppm	0.0006	0	5.317	0.0006	0.0006
Cr2677	267.716 {1	Y_3600	ppm	0.0035	0.0005	13.05	0.0032	0.0038
Cu3247	324.754 {1	Y_3600	ppm	0.009	0.0003	3.776	0.0087	0.0092
Fe2404	240.488 {1	In2306	ppm	0.6881	0.004	0.5837	0.6853	0.691

K_7664	766.490 { 4	Y_3710	ppm	2.75	0.0032	0.1165	2.748	2.752
K_7698	769.896 { 4	Y_3710	ppm	2.715	0.0131	0.4809	2.724	2.706
Li6707	670.784 { 5	Y_3710	ppm	0.0044	0.0005	11.77	0.0048	0.004
Mg2790	279.079 {1	Y_3710	ppm	1.935	0.0176	0.9068	1.923	1.948
Mn2576	257.610 {1	Y_3600	ppm	0.0464	0.0005	1.138	0.046	0.0468
Mn2576-2	257.610 {1	Y_3710	ppm	0.0464	0.0001	0.1294	0.0464	0.0465
Mo2020	202.030 {4	Y_2243	ppm	0.012	0.0007	5.932	0.0115	0.0125
Na5895	589.592 { 5	Y_3710	ppm	26.24	0.0098	0.0372	26.25	26.23
Na8183	818.326 { 4	Y_3710	ppm	25.04	0.1809	0.7225	25.17	24.92
Ni2316	231.604 {4	In2306	ppm	0.0021	0.0001	6.738	0.002	0.0022
P_1782	178.284 {4	In2306	ppm	0.2981	0.0261	8.754	0.2796	0.3165
Pb2203	220.353 {4	In2306	ppm	0.0038	0.0006	14.99	0.0034	0.0042
S_1820	182.034 {4	Y_2243	ppm	-1056	78.64	7.445	-1001	-1112
Sb2068	206.833 {4	Y_2243	ppm	0.0008	0.0005	66.76	0.0012	0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0018	250.5	-0.0006	0.002
Si2516	251.611 {1	Y_3710	ppm	3.056	0.0158	0.5155	3.067	3.045
Sn1899	189.989 {4	In2306	ppm	0	0.0004	885.2	-0.0002	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0954	0.0003	0.3624	0.0957	0.0952
Ti3349	334.904 {1	Y_3600	ppm	0.0145	0.0008	5.37	0.014	0.0151
Tl1908	190.856 {4	In2306	ppm	0.0005	0.0002	34.33	0.0004	0.0006
V_2924	292.402 {1	Y_3600	ppm	0.0058	0.0002	2.704	0.0059	0.0057
Zn2062	206.200 {4	In2306	ppm	0.2558	0.0175	6.829	0.2434	0.2681

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	308.28	2.2756	0.73817	309.89	306.67
In2306	230.606 {4	Cts/S	9885.1	428.95	4.3393	10188	9581.8
Y_2243	224.306 {4	Cts/S	13080	539.9	4.1276	13462	12698
Y_3600	360.073 { 9	Cts/S	60574	734.67	1.2128	61094	60055
Y_3710	371.030 { 9	Cts/S	15775	1.4286	0.00906	15776	15774

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Run Time=1/31/2012 13:20:39
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2426	0.0004	0.1562	0.2428	0.2423
Al3082	308.215 {1	In2306	ppm	2.48	0.003	0.1202	2.478	2.482
As1890	189.042 {4	Y_2243	ppm	0.4966	0.0064	1.294	0.5012	0.4921
B_2496	249.678 {1	Y_3710	ppm	0.4875	0.0032	0.6598	0.4853	0.4898
Ba4554	455.403 { 7	Y_3710	ppm	0.4868	0.0016	0.3358	0.4856	0.4879
Be3130	313.042 {1	Y_3710	ppm	0.4861	0.0009	0.1839	0.4854	0.4867
Ca3158	315.887 {1	In2306	ppm	12.32	0.0443	0.3595	12.29	12.35
Ca3181	318.128 {1	In2306	ppm	12.29	0.0202	0.1642	12.3	12.27
Cd2288	228.802 {4	Y_2243	ppm	0.4874	0.0066	1.353	0.4921	0.4828
Co2286	228.616 {4	In2306	ppm	0.4831	0.0076	1.576	0.4885	0.4777
Cr2677	267.716 {1	Y_3600	ppm	0.4697	0.0027	0.5834	0.4678	0.4717
Cu3247	324.754 {1	Y_3600	ppm	0.4871	0.0023	0.4747	0.4888	0.4855

Fe2404	240.488 {1	In2306	ppm	2.491	0.0076	0.3046	2.496	2.485
K_7664	766.490 { 4	Y_3710	ppm	12.27	0.0719	0.5865	12.21	12.32
K_7698	769.896 { 4	Y_3710	ppm	12.35	0.1099	0.8898	12.28	12.43
Li6707	670.784 { 5	Y_3710	ppm	0.5032	0.0055	1.094	0.4993	0.5071
Mg2790	279.079 {1	Y_3710	ppm	4.753	0.0254	0.535	4.735	4.771
Mn2576	257.610 {1	Y_3600	ppm	0.4784	0.0008	0.1768	0.4778	0.479
Mn2576-2	257.610 {1	Y_3710	ppm	0.4801	0.0015	0.3055	0.4791	0.4812
Mo2020	202.030 {4	Y_2243	ppm	0.5044	0.0087	1.721	0.5105	0.4982
Na5895	589.592 { 5	Y_3710	ppm	12.49	0.1211	0.9698	12.4	12.57
Na8183	818.326 { 4	Y_3710	ppm	12.32	0.1227	0.9961	12.41	12.24
Ni2316	231.604 {4	In2306	ppm	0.4822	0.0074	1.534	0.4875	0.477
P_1782	178.284 {4	In2306	ppm	-0.0055	0.0004	7.327	-0.0058	-0.0052
Pb2203	220.353 {4	In2306	ppm	0.4832	0.0062	1.292	0.4877	0.4788
S_1820	182.034 {4	Y_2243	ppm	-123	0.2973	0.2417	-123.2	-122.8
Sb2068	206.833 {4	Y_2243	ppm	0.4856	0.0056	1.15	0.4896	0.4817
Se1960	196.090 {4	Y_2243	ppm	0.5027	0.0053	1.045	0.5064	0.499
Si2516	251.611 {1	Y_3710	ppm	0.8525	0.0056	0.6552	0.8485	0.8564
Sn1899	189.989 {4	In2306	ppm	0.4869	0.0061	1.247	0.4912	0.4826
Sr4215	421.552 { 8	Y_3710	ppm	0.2496	0.0007	0.2982	0.2491	0.2501
Ti3349	334.904 {1	Y_3600	ppm	0.4785	0.0006	0.1204	0.4781	0.4789
Tl1908	190.856 {4	In2306	ppm	0.4971	0.0139	2.804	0.507	0.4873
V_2924	292.402 {1	Y_3600	ppm	0.4863	0.0009	0.1802	0.4857	0.4869
Zn2062	206.200 {4	In2306	ppm	0.4764	0.0063	1.33	0.4809	0.4719

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	307.01	2.6004	0.847	308.85	305.17
In2306	230.606 {4	Cts/S	9998	98.522	0.98542	9928.3	10068
Y_2243	224.306 {4	Cts/S	13321	132.53	0.99485	13228	13415
Y_3600	360.073 { 9	Cts/S	60307	37.019	0.06138	60281	60333
Y_3710	371.030 { 9	Cts/S	16037	78.661	0.4905	16092	15981

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0.0007	13.63	0.0056	0.0046
Al3082	308.215 {1	In2306	ppm	0.0767	0.0114	14.83	0.0848	0.0687
As1890	189.042 {4	Y_2243	ppm	0.012	0.0027	22.09	0.0101	0.0139
B_2496	249.678 {1	Y_3710	ppm	0.0114	0.001	9.108	0.0107	0.0121
Ba4554	455.403 { 7	Y_3710	ppm	0.0099	0.0002	1.919	0.01	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0001	1.204	0.0049	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1034	0.0003	0.2713	0.1036	0.1032
Ca3181	318.128 {1	In2306	ppm	0.1302	0.0047	3.619	0.1269	0.1336
Cd2288	228.802 {4	Y_2243	ppm	0.0066	0.002	30.05	0.0052	0.0079
Co2286	228.616 {4	In2306	ppm	0.0113	0.0019	17.05	0.0099	0.0127
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0006	6.243	0.0093	0.0101

Cu3247	324.754 {1	Y_3600	ppm	0.0091	0.0002	1.769	0.0092	0.009
Fe2404	240.488 {1	In2306	ppm	0.1033	0.0031	3.017	0.1055	0.1011
K_7664	766.490 { 4	Y_3710	ppm	0.577	0.0119	2.065	0.5854	0.5686
K_7698	769.896 { 4	Y_3710	ppm	0.6136	0.0636	10.37	0.5686	0.6586
Li6707	670.784 { 5	Y_3710	ppm	0.01	0.0003	3.053	0.0102	0.0098
Mg2790	279.079 {1	Y_3710	ppm	0.102	0.0165	16.21	0.1137	0.0903
Mn2576	257.610 {1	Y_3600	ppm	0.0098	0	0.1302	0.0098	0.0099
Mn2576-2	257.610 {1	Y_3710	ppm	0.0098	0.0003	3.298	0.0101	0.0096
Mo2020	202.030 {4	Y_2243	ppm	0.0134	0.0028	20.62	0.0114	0.0153
Na5895	589.592 { 5	Y_3710	ppm	0.5815	0.0082	1.405	0.5873	0.5758
Na8183	818.326 { 4	Y_3710	ppm	0.5065	0.2063	40.74	0.6524	0.3606
Ni2316	231.604 {4	In2306	ppm	0.0115	0.0019	16.47	0.0101	0.0128
P_1782	178.284 {4	In2306	ppm	0.0033	0.0003	9.55	0.003	0.0035
Pb2203	220.353 {4	In2306	ppm	0.0124	0.0011	8.902	0.0116	0.0132
S_1820	182.034 {4	Y_2243	ppm	-1.28	0.4298	33.59	-0.9758	-1.584
Sb2068	206.833 {4	Y_2243	ppm	0.0191	0.0013	6.862	0.0182	0.0201
Se1960	196.090 {4	Y_2243	ppm	0.0117	0.0021	18.05	0.0102	0.0132
Si2516	251.611 {1	Y_3710	ppm	0.0011	0.0006	59.86	0.0015	0.0006
Sn1899	189.989 {4	In2306	ppm	0.0121	0.0019	15.87	0.0107	0.0135
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.2636	0.0049	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0105	0.0002	1.84	0.0107	0.0104
Tl1908	190.856 {4	In2306	ppm	0.0148	0.003	20	0.0127	0.0169
V_2924	292.402 {1	Y_3600	ppm	0.0111	0.0003	2.982	0.0108	0.0113
Zn2062	206.200 {4	In2306	ppm	0.0107	0.0019	17.25	0.0094	0.012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	315.68	3.9543	1.2526	318.48	312.89
In2306	230.606 {4	Cts/S	10548	0.30309	0.00287	10548	10549
Y_2243	224.306 {4	Cts/S	13576	4.1763	0.03076	13573	13579
Y_3600	360.073 { 9	Cts/S	59944	109.22	0.18221	59866	60021
Y_3710	371.030 { 9	Cts/S	16105	25.766	0.15999	16087	16123

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0001	37.42	-0.0003	-0.0005
Al3082	308.215 {1	In2306	ppm	-0.0093	0.0099	106.4	-0.0023	-0.0163
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0003	93.04	0.0004	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0012	0.0033	274.2	0.0035	-0.0011
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0001	25.86	0.0002	0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	16.78	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0152	0.0036	23.67	0.0178	0.0127
Ca3181	318.128 {1	In2306	ppm	0.006	0.0132	218.2	0.0154	-0.0033
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	327.3	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0	13.99	0.0004	0.0003

Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0007	510.5	0.0004	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0002	0.0002	77.16	-0.0003	-0.0001
Fe2404	240.488 {1	In2306	ppm	-0.0038	0.0006	15.85	-0.0042	-0.0034
K_7664	766.490 { 4	Y_3710	ppm	-0.0225	0.0011	4.715	-0.0233	-0.0218
K_7698	769.896 { 4	Y_3710	ppm	0.0198	0.0108	54.74	0.0274	0.0121
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0002	37.42	0.0005	0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.0202	0.0131	64.72	0.0295	0.011
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	27.89	-0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0.0004	210.4	0.0005	-0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	33.06	0.0003	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0058	0.002	33.7	0.0072	0.0044
Na8183	818.326 { 4	Y_3710	ppm	-0.2678	0.0043	1.593	-0.2648	-0.2708
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0001	18.89	0.0005	0.0003
P_1782	178.284 {4	In2306	ppm	-0.0053	0.0002	3.341	-0.0055	-0.0052
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0005	70.63	0.0004	0.0011
S_1820	182.034 {4	Y_2243	ppm	-0.2974	0.0027	0.9231	-0.2994	-0.2955
Sb2068	206.833 {4	Y_2243	ppm	0.0017	0.0013	77.49	0.0026	0.0008
Se1960	196.090 {4	Y_2243	ppm	0.0001	0.0007	604.8	-0.0004	0.0006
Si2516	251.611 {1	Y_3710	ppm	-0.0072	0.0072	100.4	-0.0123	-0.0021
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	46.73	0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	144.9	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0002	77.98	-0.0001	-0.0005
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0008	59.15	0.0007	0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0011	168.3	0.0015	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0001	0	56.57	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	313.08	1.4621	0.46699	312.05	314.11
In2306	230.606 {4	Cts/S	10643	13.25	0.1245	10652	10633
Y_2243	224.306 {4	Cts/S	13632	20.57	0.15089	13647	13618
Y_3600	360.073 { 9	Cts/S	59423	158	0.26589	59535	59311
Y_3710	371.030 { 9	Cts/S	16043	37.891	0.23619	16069	16016

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0001	15.16	-0.0006	-0.0005
Al3082	308.215 {1	In2306	ppm	503.2	9.907	1.969	496.2	510.3
As1890	189.042 {4	Y_2243	ppm	0.0023	0.0002	7.163	0.0022	0.0024
B_2496	249.678 {1	Y_3710	ppm	0.0023	0.0009	37.29	0.0017	0.003
Ba4554	455.403 { 7	Y_3710	ppm	0.0009	0	4.926	0.0009	0.001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	2.405	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	477	8.781	1.841	470.7	483.2
Ca3181	318.128 {1	In2306	ppm	487.8	8.967	1.838	481.5	494.2

Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	28.39	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	34.24	0.0002	0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0021	0.0003	13.31	0.0023	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.0014	0.0004	29.87	0.0011	0.0017
Fe2404	240.488 {1	In2306	ppm	187.6	3.414	1.82	185.1	190
K_7664	766.490 { 4	Y_3710	ppm	-0.0022	0.0029	133	-0.0001	-0.0042
K_7698	769.896 { 4	Y_3710	ppm	-0.1634	0.0115	7.021	-0.1553	-0.1716
Li6707	670.784 { 5	Y_3710	ppm	0.0095	0.0008	7.97	0.009	0.0101
Mg2790	279.079 {1	Y_3710	ppm	583.1	0.7464	0.128	583.6	582.5
Mn2576	257.610 {1	Y_3600	ppm	-0.0055	0	0.3833	-0.0054	-0.0055
Mn2576-2	257.610 {1	Y_3710	ppm	-0.007	0.001	13.63	-0.0063	-0.0077
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0	0.5799	0.0003	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0117	0.0043	36.3	0.0147	0.0087
Na8183	818.326 { 4	Y_3710	ppm	0.5996	0.0834	13.91	0.5407	0.6586
Ni2316	231.604 {4	In2306	ppm	0.0059	0.0004	7.635	0.0056	0.0062
P_1782	178.284 {4	In2306	ppm	-0.0013	0.0006	43.87	-0.0009	-0.0018
Pb2203	220.353 {4	In2306	ppm	-0.0032	0.0006	18.27	-0.0028	-0.0036
S_1820	182.034 {4	Y_2243	ppm	19.47	0.0803	0.4126	19.53	19.41
Sb2068	206.833 {4	Y_2243	ppm	-0.0124	0.0044	35.02	-0.0094	-0.0155
Se1960	196.090 {4	Y_2243	ppm	0.0011	0.0008	75.79	0.0005	0.0017
Si2516	251.611 {1	Y_3710	ppm	0.0381	0.0127	33.46	0.0291	0.0471
Sn1899	189.989 {4	In2306	ppm	0.0021	0.0008	37.97	0.0016	0.0027
Sr4215	421.552 { 8	Y_3710	ppm	0.0023	0.0001	2.336	0.0023	0.0024
Ti3349	334.904 {1	Y_3600	ppm	0.0039	0.0007	17.1	0.0034	0.0044
Tl1908	190.856 {4	In2306	ppm	-0.0051	0.0058	113.3	-0.001	-0.0092
V_2924	292.402 {1	Y_3600	ppm	-0.0053	0.0005	8.505	-0.0056	-0.005
Zn2062	206.200 {4	In2306	ppm	0.0042	0	0.2329	0.0042	0.0042

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	304.06	5.7042	1.876	308.1	300.03
In2306	230.606 {4	Cts/S	7698.2	5.7997	0.07534	7694.1	7702.3
Y_2243	224.306 {4	Cts/S	12063	11.242	0.09319	12055	12071
Y_3600	360.073 { 9	Cts/S	55764	13.697	0.02456	55754	55773
Y_3710	371.030 { 9	Cts/S	14264	22.703	0.15916	14280	14248

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5479	0.0014	0.2634	0.5489	0.5469
Al3082	308.215 {1	In2306	ppm	523.8	3.735	0.713	526.4	521.2
As1890	189.042 {4	Y_2243	ppm	0.9903	0.007	0.7118	0.9853	0.9953
B_2496	249.678 {1	Y_3710	ppm	1.078	0.0102	0.9434	1.085	1.071
Ba4554	455.403 { 7	Y_3710	ppm	1.074	0.0066	0.6108	1.079	1.07
Be3130	313.042 {1	Y_3710	ppm	0.5139	0.0018	0.3584	0.5152	0.5126
Ca3158	315.887 {1	In2306	ppm	505.7	1.763	0.3486	504.5	507

Ca3181	318.128 {1	In2306	ppm	517.5	1.641	0.3171	516.3	518.7
Cd2288	228.802 {4	Y_2243	ppm	0.5104	0.0018	0.3544	0.5091	0.5117
Co2286	228.616 {4	In2306	ppm	0.9959	0.0015	0.1486	0.9948	0.9969
Cr2677	267.716 {1	Y_3600	ppm	0.9559	0.0016	0.1667	0.9548	0.957
Cu3247	324.754 {1	Y_3600	ppm	1.171	0.0059	0.5052	1.176	1.167
Fe2404	240.488 {1	In2306	ppm	205	0.3789	0.1849	204.7	205.2
K_7664	766.490 { 4	Y_3710	ppm	11.09	0.1604	1.447	11.2	10.97
K_7698	769.896 { 4	Y_3710	ppm	10.89	0.1956	1.796	11.03	10.75
Li6707	670.784 { 5	Y_3710	ppm	1.051	0.0203	1.933	1.065	1.036
Mg2790	279.079 {1	Y_3710	ppm	597.3	0.4586	0.0768	596.9	597.6
Mn2576	257.610 {1	Y_3600	ppm	0.9591	0.0019	0.1962	0.9604	0.9578
Mn2576-2	257.610 {1	Y_3710	ppm	1.029	0.0007	0.0694	1.029	1.028
Mo2020	202.030 {4	Y_2243	ppm	0.9006	0.0006	0.0717	0.9001	0.901
Na5895	589.592 { 5	Y_3710	ppm	10.68	0.1845	1.727	10.81	10.55
Na8183	818.326 { 4	Y_3710	ppm	11.81	0.1744	1.476	11.94	11.69
Ni2316	231.604 {4	In2306	ppm	0.9634	0.001	0.1008	0.9627	0.9641
P_1782	178.284 {4	In2306	ppm	1.162	0.0043	0.3722	1.165	1.159
Pb2203	220.353 {4	In2306	ppm	0.9503	0.0028	0.2967	0.9483	0.9523
S_1820	182.034 {4	Y_2243	ppm	21.02	0.2393	1.138	20.85	21.19
Sb2068	206.833 {4	Y_2243	ppm	0.9557	0	0.0039	0.9557	0.9556
Se1960	196.090 {4	Y_2243	ppm	0.9692	0.0018	0.1872	0.9704	0.9679
Si2516	251.611 {1	Y_3710	ppm	0.9521	0.0031	0.3265	0.9543	0.9499
Sn1899	189.989 {4	In2306	ppm	1.014	0	0.0048	1.014	1.014
Sr4215	421.552 { 8	Y_3710	ppm	0.5242	0.0028	0.5268	0.5261	0.5222
Ti3349	334.904 {1	Y_3600	ppm	1.028	0.0024	0.2341	1.026	1.029
Tl1908	190.856 {4	In2306	ppm	0.9296	0.0083	0.8936	0.9355	0.9237
V_2924	292.402 {1	Y_3600	ppm	1.009	0.0046	0.4539	1.006	1.012
Zn2062	206.200 {4	In2306	ppm	1.018	0.0002	0.0192	1.018	1.018

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	297.23	1.7278	0.58131	296.01	298.45
In2306	230.606 {4	Cts/S	7642	21.284	0.27852	7657.1	7627
Y_2243	224.306 {4	Cts/S	12058	27.791	0.23048	12078	12038
Y_3600	360.073 { 9	Cts/S	55897	107.23	0.19184	55821	55973
Y_3710	371.030 { 9	Cts/S	14324	91.43	0.6383	14259	14389

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/31/2012 15:29:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2441	0.0025	1.014	0.2423	0.2458
Al3082	308.215 {1	In2306	ppm	2.365	0.0166	0.7004	2.353	2.377
As1890	189.042 {4	Y_2243	ppm	0.4809	0.0022	0.4568	0.4825	0.4794
B_2496	249.678 {1	Y_3710	ppm	0.5071	0.0032	0.6385	0.5093	0.5048
Ba4554	455.403 { 7	Y_3710	ppm	0.4739	0.0001	0.0151	0.4739	0.474
Be3130	313.042 {1	Y_3710	ppm	0.4976	0.0019	0.3867	0.4962	0.4989

Ca3158	315.887 {1	In2306	ppm	11.78	0.0693	0.5879	11.74	11.83
Ca3181	318.128 {1	In2306	ppm	11.9	0.0885	0.7432	11.84	11.96
Cd2288	228.802 {4	Y_2243	ppm	0.4841	0	0	0.4841	0.4841
Co2286	228.616 {4	In2306	ppm	0.4951	0.0013	0.272	0.4941	0.496
Cr2677	267.716 {1	Y_3600	ppm	0.4942	0.0015	0.3127	0.4953	0.4931
Cu3247	324.754 {1	Y_3600	ppm	0.483	0.0029	0.5984	0.481	0.485
Fe2404	240.488 {1	In2306	ppm	2.432	0.0119	0.491	2.424	2.441
K_7664	766.490 { 4	Y_3710	ppm	12.12	0.0068	0.0563	12.12	12.11
K_7698	769.896 { 4	Y_3710	ppm	11.95	0.0293	0.2451	11.97	11.93
Li6707	670.784 { 5	Y_3710	ppm	0.4686	0.0041	0.8711	0.4715	0.4657
Mg2790	279.079 {1	Y_3710	ppm	5.057	0.0455	0.8999	5.025	5.089
Mn2576	257.610 {1	Y_3600	ppm	0.4859	0.0008	0.164	0.4853	0.4865
Mn2576-2	257.610 {1	Y_3710	ppm	0.4813	0.0019	0.4043	0.4799	0.4827
Mo2020	202.030 {4	Y_2243	ppm	0.4882	0.0014	0.2968	0.4892	0.4871
Na5895	589.592 { 5	Y_3710	ppm	11.88	0.044	0.3704	11.91	11.85
Na8183	818.326 { 4	Y_3710	ppm	12.2	0.0261	0.2137	12.21	12.18
Ni2316	231.604 {4	In2306	ppm	0.4799	0.0004	0.0847	0.4796	0.4801
P_1782	178.284 {4	In2306	ppm	-0.0056	0.0011	19.8	-0.0064	-0.0048
Pb2203	220.353 {4	In2306	ppm	0.483	0	0.0002	0.483	0.483
S_1820	182.034 {4	Y_2243	ppm	-115.5	0.1512	0.1308	-115.6	-115.4
Sb2068	206.833 {4	Y_2243	ppm	0.4911	0	0.0041	0.4911	0.4911
Se1960	196.090 {4	Y_2243	ppm	0.4842	0.0002	0.0379	0.4841	0.4843
Si2516	251.611 {1	Y_3710	ppm	0.8281	0.0083	0.9982	0.8223	0.834
Sn1899	189.989 {4	In2306	ppm	0.5098	0.0008	0.1612	0.5092	0.5104
Sr4215	421.552 { 8	Y_3710	ppm	0.2409	0.0004	0.1545	0.2407	0.2412
Ti3349	334.904 {1	Y_3600	ppm	0.5173	0.0004	0.0705	0.517	0.5176
Tl1908	190.856 {4	In2306	ppm	0.4889	0.0026	0.5241	0.4907	0.4871
V_2924	292.402 {1	Y_3600	ppm	0.5121	0.0029	0.5618	0.5101	0.5142
Zn2062	206.200 {4	In2306	ppm	0.4914	0.0006	0.1253	0.4909	0.4918

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	328.43	0.94043	0.28634	329.1	327.77
In2306	230.606 {4	Cts/S	10004	31.866	0.31853	10027	9981.5
Y_2243	224.306 {4	Cts/S	13775	29.617	0.21501	13796	13754
Y_3600	360.073 { 9	Cts/S	58649	307.62	0.5245	58867	58432
Y_3710	371.030 { 9	Cts/S	16147	47.945	0.29693	16181	16113

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	141.8	-0.0002	0
Al3082	308.215 {1	In2306	ppm	-0.007	0.004	58.04	-0.0041	-0.0098
As1890	189.042 {4	Y_2243	ppm	0.0039	0.0025	62.57	0.0022	0.0057
B_2496	249.678 {1	Y_3710	ppm	0.0013	0.0029	216.3	-0.0007	0.0034
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0002	81.8	0.0005	0.0001

Be3130	313.042 {1	Y_3710	ppm	0.0001	0	34.19	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0165	0.0035	21.12	0.0189	0.014
Ca3181	318.128 {1	In2306	ppm	0.0027	0.0076	285.9	0.008	-0.0027
Cd2288	228.802 {4	Y_2243	ppm	0.0022	0.0027	125.9	0.0002	0.0041
Co2286	228.616 {4	In2306	ppm	0.0025	0.0031	123.8	0.0003	0.0047
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	103.2	0.0003	0
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0001	12.04	-0.0006	-0.0005
Fe2404	240.488 {1	In2306	ppm	0.0064	0.0072	111.9	0.0115	0.0013
K_7664	766.490 { 4	Y_3710	ppm	0.0464	0.0132	28.42	0.0557	0.0371
K_7698	769.896 { 4	Y_3710	ppm	0.0157	0.0359	228.4	-0.0097	0.0412
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0001	21.14	0.0003	0.0005
Mg2790	279.079 {1	Y_3710	ppm	0.0565	0.0209	36.92	0.0713	0.0418
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	360.4	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0003	0.0004	137.3	0	-0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0044	0.0036	82.39	0.0018	0.007
Na5895	589.592 { 5	Y_3710	ppm	-0.009	0.0097	107.9	-0.0021	-0.0159
Na8183	818.326 { 4	Y_3710	ppm	0.0389	0.135	347.5	0.1343	-0.0566
Ni2316	231.604 {4	In2306	ppm	0.0022	0.003	134.7	0.0001	0.0044
P_1782	178.284 {4	In2306	ppm	-0.0058	0.0008	13.58	-0.0052	-0.0063
Pb2203	220.353 {4	In2306	ppm	0.0025	0.0024	95.96	0.0008	0.0041
S_1820	182.034 {4	Y_2243	ppm	-0.6181	0.0653	10.56	-0.572	-0.6643
Sb2068	206.833 {4	Y_2243	ppm	0.0114	0.0046	40.32	0.0081	0.0146
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.0016	96	0.0005	0.0027
Si2516	251.611 {1	Y_3710	ppm	0.001	0.003	299.7	0.0031	-0.0011
Sn1899	189.989 {4	In2306	ppm	0.0037	0.0039	105.9	0.0009	0.0065
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	26.39	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0004	64.72	0.0009	0.0003
Tl1908	190.856 {4	In2306	ppm	0.0068	0.0053	78.83	0.003	0.0106
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0007	159.6	-0.0001	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0023	0.0031	134.2	0.0001	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	321.79	3.8213	1.1875	324.49	319.09
In2306	230.606 {4	Cts/S	10618	14.966	0.14095	10628	10607
Y_2243	224.306 {4	Cts/S	13951	4.3632	0.03127	13954	13948
Y_3600	360.073 { 9	Cts/S	57768	169.8	0.29393	57648	57888
Y_3710	371.030 { 9	Cts/S	16095	21.41	0.13302	16111	16080

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0004	419.2	0.0004	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0088	0.0043	48.8	0.0118	0.0058
As1890	189.042 {4	Y_2243	ppm	0.0018	0.001	58.09	0.0011	0.0025
B_2496	249.678 {1	Y_3710	ppm	0.0032	0.0013	40.05	0.0023	0.0041

Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	35.07	0.0003	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0	44.98	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.0283	0.0106	37.56	0.0358	0.0208
Ca3181	318.128 {1	In2306	ppm	0.0431	0.0267	61.89	0.0242	0.062
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0006	175.3	-0.0001	0.0007
Co2286	228.616 {4	In2306	ppm	0.0006	0.0004	70.63	0.0003	0.0009
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	1008	0.0002	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0019	0.0003	14.23	-0.0017	-0.0021
Fe2404	240.488 {1	In2306	ppm	0.0069	0.0039	56.86	0.0097	0.0041
K_7664	766.490 { 4	Y_3710	ppm	0.0313	0.0019	6.093	0.0326	0.0299
K_7698	769.896 { 4	Y_3710	ppm	-0.4176	0.0248	5.939	-0.4351	-0.4001
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0002	45.66	0.0002	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0238	0.0334	140.3	0.0474	0.0002
Mn2576	257.610 {1	Y_3600	ppm	0	0	112.6	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0.0004	257.4	-0.0001	0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0003	54.51	0.0003	0.0007
Na5895	589.592 { 5	Y_3710	ppm	-0.0168	0.0016	9.405	-0.0179	-0.0157
Na8183	818.326 { 4	Y_3710	ppm	0.2245	0.0569	25.37	0.1842	0.2647
Ni2316	231.604 {4	In2306	ppm	0.0006	0.0004	75.86	0.0003	0.0009
P_1782	178.284 {4	In2306	ppm	-0.0061	0.0001	2.016	-0.0061	-0.0062
Pb2203	220.353 {4	In2306	ppm	0.0014	0.0011	75.91	0.0007	0.0022
S_1820	182.034 {4	Y_2243	ppm	-0.2562	0.2148	83.86	-0.4081	-0.1043
Sb2068	206.833 {4	Y_2243	ppm	0.0008	0.0011	138	0	0.0016
Se1960	196.090 {4	Y_2243	ppm	0.0018	0.0001	7.204	0.0018	0.0017
Si2516	251.611 {1	Y_3710	ppm	-0.0121	0.0015	12.39	-0.0131	-0.011
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0004	72.94	-0.0008	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0	0	25.36	0	0
Ti3349	334.904 {1	Y_3600	ppm	0	0.0004	5702	0.0003	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0021	0.0002	10.22	0.0023	0.002
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0002	25.24	0.0007	0.001
Zn2062	206.200 {4	In2306	ppm	0.0007	0.0008	107.5	0.0002	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	341.13	9.8307	2.8818	348.08	334.18
In2306	230.606 {4	Cts/S	9671.4	1614.4	16.693	10813	8529.8
Y_2243	224.306 {4	Cts/S	12496	2017.8	16.147	13923	11070
Y_3600	360.073 { 9	Cts/S	59467	274.55	0.46168	59661	59273
Y_3710	371.030 { 9	Cts/S	16763	409.78	2.4445	17053	16474

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0484	0.1767	364.6	0.0765	-0.1734
Al3082	308.215 {1	In2306	ppm	36.9	9.958	26.99	29.85	43.94
As1890	189.042 {4	Y_2243	ppm	-2.432	0.7151	29.4	-2.938	-1.927

B_2496	249.678 {1	Y_3710	ppm	-0.1319	0.3483	264	-0.3782	0.1144
Ba4554	455.403 { 7	Y_3710	ppm	0.1887	0.0518	27.46	0.1521	0.2254
Be3130	313.042 {1	Y_3710	ppm	0.0099	0.01	100.9	0.0028	0.017
Ca3158	315.887 {1	In2306	ppm	-5.617	3.259	58.02	-3.313	-7.922
Ca3181	318.128 {1	In2306	ppm	-6.368	2.64	41.46	-8.234	-4.501
Cd2288	228.802 {4	Y_2243	ppm	0.3691	0.2555	69.22	0.1884	0.5498
Co2286	228.616 {4	In2306	ppm	-0.1102	0.1209	109.7	-0.1957	-0.0247
Cr2677	267.716 {1	Y_3600	ppm	-0.1799	0.4774	265.4	0.1577	-0.5175
Cu3247	324.754 {1	Y_3600	ppm	10.14	4.216	41.58	7.157	13.12
Fe2404	240.488 {1	In2306	ppm	2.143	0.5072	23.66	1.785	2.502
K_7664	766.490 { 4	Y_3710	ppm	2.053	3.948	192.3	-0.7388	4.845
K_7698	769.896 { 4	Y_3710	ppm	14	5.757	41.12	9.93	18.07
Li6707	670.784 { 5	Y_3710	ppm	0.1461	0.0048	3.305	0.1427	0.1495
Mg2790	279.079 {1	Y_3710	ppm	1.365	0.6197	45.38	0.9273	1.804
Mn2576	257.610 {1	Y_3600	ppm	0.0708	0.0609	86.03	0.0277	0.1139
Mn2576-2	257.610 {1	Y_3710	ppm	0.0439	0.073	166.4	-0.0078	0.0955
Mo2020	202.030 {4	Y_2243	ppm	0.6215	0.1257	20.22	0.5326	0.7103
Na5895	589.592 { 5	Y_3710	ppm	4.389	1.537	35.03	3.302	5.476
Na8183	818.326 { 4	Y_3710	ppm	-53.67	33.06	61.6	-30.29	-77.05
Ni2316	231.604 {4	In2306	ppm	0.2295	0.1722	75.05	0.1077	0.3513
P_1782	178.284 {4	In2306	ppm	2.994	0.6829	22.81	2.511	3.476
Pb2203	220.353 {4	In2306	ppm	-1.328	0.6508	48.99	-1.789	-0.8682
S_1820	182.034 {4	Y_2243	ppm	3685	1665	45.18	2508	4862
Sb2068	206.833 {4	Y_2243	ppm	-6.932	2.73	39.37	-5.002	-8.862
Se1960	196.090 {4	Y_2243	ppm	1.408	1.375	97.6	2.38	0.4364
Si2516	251.611 {1	Y_3710	ppm	2.858	0.0609	2.131	2.815	2.901
Sn1899	189.989 {4	In2306	ppm	-0.1808	0.2059	113.9	-0.0352	-0.3265
Sr4215	421.552 { 8	Y_3710	ppm	-0.0077	0.0124	161.6	-0.0165	0.0011
Ti3349	334.904 {1	Y_3600	ppm	-0.4793	0.058	12.1	-0.5203	-0.4383
Tl1908	190.856 {4	In2306	ppm	-1.97	1.222	62.05	-2.834	-1.106
V_2924	292.402 {1	Y_3600	ppm	-6.858	3.244	47.3	-4.564	-9.151
Zn2062	206.200 {4	In2306	ppm	0.7266	0.2318	31.9	0.5627	0.8905

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	1.5179	0.63135	41.595	1.9643	1.0714
In2306	230.606 {4	Cts/S	8.1891	1.8957	23.149	9.5295	6.8486
Y_2243	224.306 {4	Cts/S	6.5295	2.0667	31.651	7.9909	5.0682
Y_3600	360.073 { 9	Cts/S	125.69	54.327	43.222	164.11	87.278
Y_3710	371.030 { 9	Cts/S	110.76	35.142	31.728	135.61	85.913

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Batch Number: 70923 Batch Start Date: 01/26/12 06:10 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010
MB 600-70923/1		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	
LCS 600-70923/2		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48997-B-1	2012-SW-1	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-1 MS	2012-SW-1	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48997-A-1 MSD	2012-SW-1	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48997-B-2	2012-SW-2	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-3	2012-SW-3	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-4	2012-SW-4	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-5	2012-SW-5	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-6	2012-SW-6	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-7	2012-SW-7	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-8	2012-SW-8	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-9	2012-SW-9	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-10	2012-SW-10	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-11	2012-SW-11	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-12	2012-SW-12	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-13	2012-SW-13	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-14	2012-SW-14	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-15	2012-SW-15	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-16	2012-SW-DUP	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
MB 600-70923/1		3010A, 6010B							
LCS 600-70923/2		3010A, 6010B		250 uL					
600-48997-B-1	2012-SW-1	3010A, 6010B	T						
600-48997-A-1 MS	2012-SW-1	3010A, 6010B	T	250 uL					
600-48997-A-1 MSD	2012-SW-1	3010A, 6010B	T	250 uL					
600-48997-B-2	2012-SW-2	3010A, 6010B	T						
600-48997-B-3	2012-SW-3	3010A, 6010B	T						
600-48997-B-4	2012-SW-4	3010A, 6010B	T						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Batch Number: 70923 Batch Start Date: 01/26/12 06:10 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
600-48997-B-5	2012-SW-5	3010A, 6010B	T						
600-48997-B-6	2012-SW-6	3010A, 6010B	T						
600-48997-B-7	2012-SW-7	3010A, 6010B	T						
600-48997-B-8	2012-SW-8	3010A, 6010B	T						
600-48997-B-9	2012-SW-9	3010A, 6010B	T						
600-48997-B-10	2012-SW-10	3010A, 6010B	T						
600-48997-B-11	2012-SW-11	3010A, 6010B	T						
600-48997-B-12	2012-SW-12	3010A, 6010B	T						
600-48997-B-13	2012-SW-13	3010A, 6010B	T						
600-48997-B-14	2012-SW-14	3010A, 6010B	T						
600-48997-B-15	2012-SW-15	3010A, 6010B	T						
600-48997-B-16	2012-SW-DUP	3010A, 6010B	T						

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#3
Pipette ID	MPH
Temperature	93.8 Degrees C.
ID number of the thermometer	#515

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Batch Number: 70924 Batch Start Date: 01/26/12 06:10 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010
MB 600-70924/1		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	
LCS 600-70924/2		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48997-A-1	2012-SW-1	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-B-1 MS	2012-SW-1	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48997-B-1 MSD	2012-SW-1	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-48997-A-2	2012-SW-2	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-3	2012-SW-3	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-4	2012-SW-4	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-5	2012-SW-5	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-6	2012-SW-6	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-7	2012-SW-7	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-8	2012-SW-8	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-9	2012-SW-9	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-10	2012-SW-10	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-11	2012-SW-11	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-12	2012-SW-12	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-13	2012-SW-13	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-14	2012-SW-14	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-15	2012-SW-15	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-48997-A-16	2012-SW-DUP	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
MB 600-70924/1		3010A, 6010B							
LCS 600-70924/2		3010A, 6010B		250 uL					
600-48997-A-1	2012-SW-1	3010A, 6010B	D						
600-48997-B-1 MS	2012-SW-1	3010A, 6010B	D	250 uL					
600-48997-B-1 MSD	2012-SW-1	3010A, 6010B	D	250 uL					
600-48997-A-2	2012-SW-2	3010A, 6010B	D						
600-48997-A-3	2012-SW-3	3010A, 6010B	D						
600-48997-A-4	2012-SW-4	3010A, 6010B	D						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-48997-1

SDG No.:

Batch Number: 70924 Batch Start Date: 01/26/12 06:10 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
600-48997-A-5	2012-SW-5	3010A, 6010B	D						
600-48997-A-6	2012-SW-6	3010A, 6010B	D						
600-48997-A-7	2012-SW-7	3010A, 6010B	D						
600-48997-A-8	2012-SW-8	3010A, 6010B	D						
600-48997-A-9	2012-SW-9	3010A, 6010B	D						
600-48997-A-10	2012-SW-10	3010A, 6010B	D						
600-48997-A-11	2012-SW-11	3010A, 6010B	D						
600-48997-A-12	2012-SW-12	3010A, 6010B	D						
600-48997-A-13	2012-SW-13	3010A, 6010B	D						
600-48997-A-14	2012-SW-14	3010A, 6010B	D						
600-48997-A-15	2012-SW-15	3010A, 6010B	D						
600-48997-A-16	2012-SW-DUP	3010A, 6010B	D						

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#3
Pipette ID	MPH
Temperature	93.8 Degrees C.
ID number of the thermometer	#515

Basis	Basis Description
D	Dissolved

TestAmerica Houston
[illegible] Rockwall Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Loc: 600
48997

02/15/2012

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 2
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)					Total Number of containers	Special Instructions/Note:
			Preservation Code:				L,D	L,D													
~~2012-SW-1~~	0942																				
2012-SW-1	1/17/12	0942	G	W	Y	Y	X	X													Dissolved Cd, Pb on Filtered Sample
2012-SW-2		1025				N	X	X													
2012-SW-3		1227					X	X													
2012-SW-4		1256					X	X													
2012-SW-5		1313					X	X													
2012-SW-6		1340					X	X													
2012-SW-7		1406					X	X													
2012-SW-8		1428					X	X													
2012-SW-9		1457					X	X													
2012-SW-10		1514					X	X													

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements: Samples shipped in 2 coolers

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	1/17/12, 1823	PBW	[signature]	1/18/12 9:14	TA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

02/15/2012

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page ~~1 of 1~~ 2 of 2
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)					Total Number of containers	Special Instructions/Note:
			Preservation Code:				1,D	1,D													
2012-SW-11	1/17/12	1540	G	W	Y	N	X	X													Dissolved Cd, Pb on Filtered Sample
2012-SW-12	↓	1554	↓	↓	↓	↓	X	X													
2012-SW-13		1617					X	X													
2012-SW-14		1641					X	X													
2012-SW-15		1653					X	X													
2012-SW-DUP	↓	0000	↓	↓	↓	↓	X	X													↓

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements: Samples shipped in 2 coolers

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	1/17/12, 1823	PBW	[signature] 9:14	1/18/12	TA
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Page 364 of 365

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-48997-1

Login Number: 48997

List Source: TestAmerica Houston

List Number: 1

Creator: Fuentes Jr, Fabio

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1, 3.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-49063-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
2/20/2012 10:52 AM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
02/20/2012

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Method Summary 16
Method / Analyst Summary 17
Sample Summary 18
Sample Results 19
Sample Datasheets 20
Data Qualifiers 28
QC Results 29
Qc Association Summary 30
Qc Reports 32
Raw Data 38
Client Chain of Custody 386
Sample Receipt Checklist 387

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-49063-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		02/20/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49063
Reviewer Name: BDG	Prep Batch Number(s): 600-70544 - TDS

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49063
Reviewer Name: BDG	Prep Batch Number(s): 600-70544 - TDS

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49063
Reviewer Name: BDG	Prep Batch Number(s): 600-70544 - TDS

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX Projec	Laboratory Job Number: 600-49063
Reviewer Name: BDG	Prep Batch Number(s): 600-70723 – Sulfate

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				2
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

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2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX Projec	Laboratory Job Number: 600-49063
Reviewer Name: BDG	Prep Batch Number(s): 600-70723 – Sulfate

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
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5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX Projec	Laboratory Job Number: 600-49063
Reviewer Name: BDG	Prep Batch Number(s): 600-70723 – Sulfate

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the DUP.
2	The Sulfate SDLs for samples 600-49063-1, 2, 3 and 4 were elevated due to the high concentrations of this analyte.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49063
Reviewer Name: TWR	Prep Batch Number(s): 600-70492- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
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Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49063
Reviewer Name: TWR	Prep Batch Number(s): 600-70492- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	2
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
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Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/10/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49063
Reviewer Name: TWR	Prep Batch Number(s): 600-70492- ICP

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the DUP.
2	The laboratory selected another client's sample to perform as the PDS/SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Detection Check Standard

Matrix: Water
Method: 300.0, 9056
Preparation: N/A
Date Analyzed: 12/29/2011
Date Prepared: 12/29/2011
TALs Batches: N/A
Units: mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Fluoride	0.02199	0.06	0.069	0.2
Chloride	0.141347	0.4	0.643	0.4
Nitrite	0.081	0.2	0.434	0.2
Bromide	0.022912	0.06	0.095	0.2
Nitrate	0.010952	0.03	0.032	0.2
Orthophosphate	0.162	0.3	0.453	0.2
Sulfate	0.269171	0.75	1.01	0.4

Detection Check Standard

Matrix: Water
Method: 2540C
Preparation: N/A
Date Analyzed: 11/22/2011
Date Prepared: 11/22/2011
TALs Batches: N/A
Units: mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Total Dissolved Solids	3.563827	10	11	10

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals	TAL HOU		SW846 3010A
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals	TAL HOU		SW846 3010A
Sample Filtration, Field			FIELD_FLTRD
Anions, Ion Chromatography	TAL HOU	MCAWW 300.0	
Solids, Total Dissolved (TDS)	TAL HOU	SM SM 2540C	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

Method	Analyst	Analyst ID
SW846 6010B	Patel, Silen R	SRP
MCAWW 300.0	Puranik, Surendra U	SUP
SM SM 2540C	Daniel, Kevin R	KRD

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-49063-1	2012-LMW-NE	Water	01/18/2012 1040	01/19/2012 0921
600-49063-2	2012-MW-20	Water	01/18/2012 1015	01/19/2012 0921
600-49063-3	2012-B4R	Water	01/18/2012 0950	01/19/2012 0921
600-49063-4	2012-MW-17	Water	01/18/2012 1500	01/19/2012 0921
600-49063-4MS	2012-MW-17	Water	01/18/2012 1500	01/19/2012 0921
600-49063-4MSD	2012-MW-17	Water	01/18/2012 1500	01/19/2012 0921

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49063-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-LMW-NE

Lab Sample ID: 600-49063-1
Client Matrix: Water

Date Sampled: 01/18/2012 10:40
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70492	01/20/2012 09:41		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70492	01/20/2012 09:41		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71232	01/31/2012 17:39	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71232	01/31/2012 17:39	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	3160			10.0	10.0	10.0	mg/L	70544	01/20/2012 15:55	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71232	01/31/2012 17:43	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71232	01/31/2012 17:43	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49063-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-LMW-NE

Lab Sample ID: 600-49063-1 DL2
Client Matrix: Water

Date Sampled: 01/18/2012 10:40
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	813			0.200	0.500	20.0	mg/L	70723	01/23/2012 15:30	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49063-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-20

Lab Sample ID: 600-49063-2
Client Matrix: Water

Date Sampled: 01/18/2012 10:15
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70492	01/20/2012 09:41		NER
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	6020			10.0	10.0	20.0	mg/L	70544	01/20/2012 15:55	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71232	01/31/2012 17:47	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71232	01/31/2012 17:47	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49063-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-20

Lab Sample ID: 600-49063-2 DL2
Client Matrix: Water

Date Sampled: 01/18/2012 10:15
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	4040			0.200	0.500	20.0	mg/L	70723	01/23/2012 16:05	100	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49063-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-B4R

Lab Sample ID: 600-49063-3
Client Matrix: Water

Date Sampled: 01/18/2012 09:50
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70492	01/20/2012 09:41		NER
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	1170			10.0	10.0	10.0	mg/L	70544	01/20/2012 15:55	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000620	J		0.000350	0.00500	0.000350	mg/L	71232	01/31/2012 17:51	1	SRP
Lead	7439-92-1	0.0761			0.00290	0.0100	0.00290	mg/L	71232	01/31/2012 17:51	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49063-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-B4R

Lab Sample ID: 600-49063-3 DL
Client Matrix: Water

Date Sampled: 01/18/2012 09:50
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	178			0.200	0.500	2.00	mg/L	70723	01/23/2012 16:59	10	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49063-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-17

Lab Sample ID: 600-49063-4
Client Matrix: Water

Date Sampled: 01/18/2012 15:00
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,Dissolved												
Preparation, Total Metals		Complete							70492	01/20/2012 09:41		NER
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70492	01/20/2012 09:41		NER
Method: SW846 6010B,Water,Dissolved												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71232	01/31/2012 17:54	1	SRP
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	71232	01/31/2012 17:54	1	SRP
Method: SM SM 2540C,Water												
Total Dissolved Solids	STL00242	3140			10.0	10.0	10.0	mg/L	70544	01/20/2012 15:55	1	KRD
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000350	U		0.000350	0.00500	0.000350	mg/L	71232	01/31/2012 17:58	1	SRP
Lead	7439-92-1	0.00411	J		0.00290	0.0100	0.00290	mg/L	71232	01/31/2012 17:58	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49063-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-MW-17

Lab Sample ID: 600-49063-4 DL2
Client Matrix: Water

Date Sampled: 01/18/2012 15:00
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: MCAWW 300.0,Water												
Sulfate	14808-79-8	1590			0.200	0.500	20.0	mg/L	70723	01/23/2012 18:29	100	SUP

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-49063-1

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
General Chemistry		
	U	Analyte was not detected at or above the SDL.

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-70492					
LCS 600-70492/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70492/1-A	Method Blank	T	Water	3010A	
600-49063-1	2012-LMW-NE	D	Water	3010A	
600-49063-1	2012-LMW-NE	T	Water	3010A	
600-49063-2	2012-MW-20	T	Water	3010A	
600-49063-3	2012-B4R	T	Water	3010A	
600-49063-4	2012-MW-17	D	Water	3010A	
600-49063-4	2012-MW-17	T	Water	3010A	
600-49063-4MS	Matrix Spike	D	Water	3010A	
600-49063-4MS	Matrix Spike	T	Water	3010A	
600-49063-4MSD	Matrix Spike Duplicate	D	Water	3010A	
600-49063-4MSD	Matrix Spike Duplicate	T	Water	3010A	
Analysis Batch:600-71232					
LCS 600-70492/2-A	Lab Control Sample	T	Water	6010B	600-70492
MB 600-70492/1-A	Method Blank	T	Water	6010B	600-70492
600-49063-1	2012-LMW-NE	D	Water	6010B	600-70492
600-49063-1	2012-LMW-NE	T	Water	6010B	600-70492
600-49063-2	2012-MW-20	T	Water	6010B	600-70492
600-49063-3	2012-B4R	T	Water	6010B	600-70492
600-49063-4	2012-MW-17	D	Water	6010B	600-70492
600-49063-4	2012-MW-17	T	Water	6010B	600-70492
600-49063-4MS	Matrix Spike	D	Water	6010B	600-70492
600-49063-4MS	Matrix Spike	T	Water	6010B	600-70492
600-49063-4MSD	Matrix Spike Duplicate	D	Water	6010B	600-70492
600-49063-4MSD	Matrix Spike Duplicate	T	Water	6010B	600-70492

Report Basis

D = Dissolved

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-70544					
LCS 600-70544/2	Lab Control Sample	T	Water	SM 2540C	
MB 600-70544/1	Method Blank	T	Water	SM 2540C	
600-49063-1	2012-LMW-NE	T	Water	SM 2540C	
600-49063-2	2012-MW-20	T	Water	SM 2540C	
600-49063-3	2012-B4R	T	Water	SM 2540C	
600-49063-4	2012-MW-17	T	Water	SM 2540C	
600-49063-4MS	Matrix Spike	T	Water	SM 2540C	
600-49063-4MSD	Matrix Spike Duplicate	T	Water	SM 2540C	
Analysis Batch:600-70723					
LCS 600-70723/5	Lab Control Sample	T	Water	300.0	
MB 600-70723/4	Method Blank	T	Water	300.0	
600-49063-1DL	2012-LMW-NE	T	Water	300.0	
600-49063-1DL2	2012-LMW-NE	T	Water	300.0	
600-49063-2DL	2012-MW-20	T	Water	300.0	
600-49063-2DL2	2012-MW-20	T	Water	300.0	
600-49063-3DL	2012-B4R	T	Water	300.0	
600-49063-4DL	2012-MW-17	T	Water	300.0	
600-49063-4DL2	2012-MW-17	T	Water	300.0	
600-49063-4MSDL	Matrix Spike	T	Water	300.0	
600-49063-4MSDL2	Matrix Spike	T	Water	300.0	
600-49063-4MSDDL	Matrix Spike Duplicate	T	Water	300.0	
600-49063-4MSDDL2	Matrix Spike Duplicate	T	Water	300.0	

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

Method Blank - Batch: 600-70492

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70492/1-A	Analysis Batch:	600-71232	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70492	Lab File ID:	A013112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1653	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 0941				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-70492

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70492/2-A	Analysis Batch:	600-71232	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70492	Lab File ID:	A013112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1657	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 0941				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.5199	104	80 - 120	
Lead	1.00	0.9928	99	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70492

Method: 6010B
Preparation: 3010A
Dissolved

MS Lab Sample ID:	600-49063-4	Analysis Batch:	600-71232	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70492	Lab File ID:	A013112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1802			Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 0941				
Leach Date:	N/A				

MSD Lab Sample ID:	600-49063-4	Analysis Batch:	600-71232	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70492	Lab File ID:	A013112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1810			Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 0941				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	100	100	75 - 125	1	20		
Lead	98	97	75 - 125	1	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70492

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-49063-4	Analysis Batch:	600-71232	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70492	Lab File ID:	A013112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1806			Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 0941				
Leach Date:	N/A				

MSD Lab Sample ID:	600-49063-4	Analysis Batch:	600-71232	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70492	Lab File ID:	A013112
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/31/2012 1814			Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 0941				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	100	101	75 - 125	1	20		
Lead	98	98	75 - 125	1	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70492

Method: 6010B
Preparation: 3010A
Dissolved

MS Lab Sample ID:	600-49063-4	Units: mg/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	01/31/2012 1802		
Prep Date:	01/20/2012 0941		
Leach Date:	N/A		

MSD Lab Sample ID:	600-49063-4
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	01/31/2012 1810
Prep Date:	01/20/2012 0941
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.5022	0.4982
Lead	0.00290	U	1.00	1.00	0.9804	0.9683

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70492

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	600-49063-4	Units: mg/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	01/31/2012 1806		
Prep Date:	01/20/2012 0941		
Leach Date:	N/A		

MSD Lab Sample ID:	600-49063-4
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	01/31/2012 1814
Prep Date:	01/20/2012 0941
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.000350	U	0.500	0.500	0.4987	0.5030
Lead	0.00411	J	1.00	1.00	0.9860	0.9807

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

Method Blank - Batch: 600-70723

Method: 300.0
Preparation: N/A

Lab Sample ID:	MB 600-70723/4	Analysis Batch:	600-70723	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	12.0000.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2012 1324	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Sulfate	0.200	U	0.200	0.500

Lab Control Sample - Batch: 600-70723

Method: 300.0
Preparation: N/A

Lab Sample ID:	LCS 600-70723/5	Analysis Batch:	600-70723	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	13.0000.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2012 1342	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	20.0	21.25	106	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70723

Method: 300.0
Preparation: N/A

MS Lab Sample ID:	600-49063-4DL2	Analysis Batch:	600-70723	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30.0000.TXT
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2012 1847	Run Type:	DL2	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	600-49063-4DL2	Analysis Batch:	600-70723	Instrument ID:	WC16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	31.0000.TXT
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/23/2012 1905	Run Type:	DL2	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sulfate	94	95	80 - 120	0	20		

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70723

Method: 300.0
Preparation: N/A

MS Lab Sample ID:	600-49063-4DL2	Units: mg/L	MSD Lab Sample ID:	600-49063-4DL2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	100		Dilution:	100	
Analysis Date:	01/23/2012 1847		Analysis Date:	01/23/2012 1905	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	
Run Type:	DL2		Run Type:	DL2	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Sulfate	1590	1000	1000	2536	2539

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

Method Blank - Batch: 600-70544

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	MB 600-70544/1	Analysis Batch:	600-70544	Instrument ID:	B1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	01/20/2012 1555	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Total Dissolved Solids	10.0	U	10.0	10.0

Lab Control Sample - Batch: 600-70544

Method: SM 2540C
Preparation: N/A

Lab Sample ID:	LCS 600-70544/2	Analysis Batch:	600-70544	Instrument ID:	B1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	01/20/2012 1555	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	1800	1941	108	90 - 110	

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-LMW-NE	600-49063-1
2012-MW-20	600-49063-2
2012-B4R	600-49063-3
2012-MW-17	600-49063-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-LMW-NE
Lab Sample ID: 600-49063-1
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG ID.:
Matrix: Water
Date Sampled: 01/18/2012 10:40
Reporting Basis: WET
Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-LMW-NE
Lab Sample ID: 600-49063-1
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG ID.:
Matrix: Water
Date Sampled: 01/18/2012 10:40
Reporting Basis: WET
Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-20 Lab Sample ID: 600-49063-2

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG ID.:

Matrix: Water Date Sampled: 01/18/2012 10:15

Reporting Basis: WET Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-B4R
Lab Sample ID: 600-49063-3
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG ID.:
Matrix: Water
Date Sampled: 01/18/2012 09:50
Reporting Basis: WET
Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000620	0.00500	0.000350	mg/L	J		1	6010B
7439-92-1	Lead	0.0761	0.0100	0.00290	mg/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-MW-17 Lab Sample ID: 600-49063-4

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG ID.:

Matrix: Water Date Sampled: 01/18/2012 15:00

Reporting Basis: WET Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00411	0.0100	0.00290	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: 2012-MW-17 Lab Sample ID: 600-49063-4

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG ID.:

Matrix: Water Date Sampled: 01/18/2012 15:00

Reporting Basis: WET Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000350	0.00500	0.000350	mg/L	U		1	6010B
7439-92-1	Lead	0.00290	0.0100	0.00290	mg/L	U		1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-71232/4 01/31/2012 07:11				CCV 600-71232/146 01/31/2012 16:42				CCV 600-71232/158 01/31/2012 17:31			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5061		0.500	101	0.5145		0.500	103	0.4994		0.500	100
Lead	0.5062		0.500	101	0.4895		0.500	98	0.4771		0.500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-71232/170 01/31/2012 18:18				CCV 600-71232/174 01/31/2012 18:35							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5166		0.500	103	0.5118		0.500	102				
Lead	0.4922		0.500	98	0.4887		0.500	98				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-71232/143 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005280		106	50-150
Lead	0.0100	0.006690	J	67	50-150

Lab Sample ID: CRI 600-71232/206 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005290		106	50-150
Lead	0.0100	0.007350	J	74	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-71232/5 01/31/2012 07:16		CCB 600-71232/147 01/31/2012 16:45		CCB 600-71232/159 01/31/2012 17:35		CCB 600-71232/171 01/31/2012 18:21	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-71232/175 01/31/2012 18:39							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70492/1-A

Instrument Code: TJA1 Batch No.: 71232

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.00290	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Lab Sample ID: ICSA 600-71232/7 Instrument ID: TJA1

Lab File ID: A013112 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0034**	
Lead		**0.0087**	
Aluminum	*500*	*500*	*100*
Antimony		*-0.0037*	
Arsenic		*-0.0006*	
Barium		*0.0016*	
Beryllium		*-0.0001*	
Boron		*-0.0012*	
Calcium	*500*	*444*	*89*
Chromium		*0.0012*	
Cobalt		*-0.0003*	
Copper		*0.0126*	
Iron	*200*	*187*	*93*
Lithium		*0.0042*	
Magnesium	*500*	*497*	*99*
Manganese		*-0.0076*	
Molybdenum		*0.0003*	
Nickel		*0.0005*	
Potassium		*-0.0446*	
Selenium		*-0.0066*	
Silicon		*0.0079*	
Silver		*-0.0009*	
Sodium		*0.154*	
Strontium		*-0.0088*	
Thallium		*-0.0083*	
Tin		*-0.0013*	
Titanium		*-0.0025*	
Vanadium		*0.0032*	
Zinc		*0.0021*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Lab Sample ID: ICSAB 600-71232/8 Instrument ID: TJA1

Lab File ID: A013112 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.469**	**94**
Lead	**1.00**	**0.959**	**96**
Aluminum	*510*	*513*	*101*
Antimony	*1.00*	*1.02*	*102*
Arsenic	*1.00*	*1.01*	*101*
Barium	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.485*	*97*
Boron	*1.00*	*1.03*	*103*
Calcium	*510*	*455*	*89*
Chromium	*1.00*	*0.952*	*95*
Cobalt	*1.00*	*0.922*	*92*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*198*	*94*
Lithium	*1.00*	*1.22*	*122*
Magnesium	*510*	*512*	*100*
Manganese	*1.00*	*0.945*	*95*
Molybdenum	*1.00*	*0.980*	*98*
Nickel	*1.00*	*0.926*	*93*
Potassium	*10.0*	*14.4*	*144*
Selenium	*1.00*	*0.996*	*100*
Silicon	*1.00*	*0.969*	*97*
Silver	*0.500*	*0.533*	*107*
Sodium	*10.0*	*13.8*	*138*
Strontium	*0.500*	*0.494*	*99*
Thallium	*1.00*	*0.948*	*95*
Tin	*1.00*	*0.990*	*99*
Titanium	*1.00*	*0.983*	*98*
Vanadium	*1.00*	*0.978*	*98*
Zinc	*1.00*	*0.994*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Lab Sample ID: ICSA 600-71232/144 Instrument ID: TJA1

Lab File ID: A013112 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0021**	
Lead		**0.0072**	
Aluminum	*500*	*491*	*98*
Antimony		*-0.0002*	
Arsenic		*-0.0012*	
Barium		*0.0017*	
Beryllium		*-0.0009*	
Boron		*-0.0001*	
Calcium	*500*	*441*	*88*
Chromium		*0.0012*	
Cobalt		*-0.0002*	
Copper		*0.0107*	
Iron	*200*	*189*	*95*
Lithium		*0.0046*	
Magnesium	*500*	*478*	*96*
Manganese		*-0.0072*	
Molybdenum		*0.0010*	
Nickel		*0.0003*	
Potassium		*-0.0519*	
Selenium		*-0.0156*	
Silicon		*0.0004*	
Silver		*-0.0011*	
Sodium		*0.264*	
Strontium		*-0.0086*	
Thallium		*0.0092*	
Tin		*-0.0020*	
Titanium		*-0.0025*	
Vanadium		*0.0046*	
Zinc		*-0.0024*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Lab Sample ID: ICSAB 600-71232/145 Instrument ID: TJA1

Lab File ID: A013112 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.469**	**94**
Lead	**1.00**	**0.926**	**93**
Aluminum	*510*	*487*	*95*
Antimony	*1.00*	*1.01*	*101*
Arsenic	*1.00*	*0.997*	*100*
Barium	*1.00*	*1.03*	*103*
Beryllium	*0.500*	*0.435*	*87*
Boron	*1.00*	*1.02*	*102*
Calcium	*510*	*438*	*86*
Chromium	*1.00*	*0.880*	*88*
Cobalt	*1.00*	*0.846*	*85*
Copper	*1.00*	*0.996*	*100*
Iron	*210*	*194*	*92*
Lithium	*1.00*	*1.25*	*125*
Magnesium	*510*	*475*	*93*
Manganese	*1.00*	*0.897*	*90*
Molybdenum	*1.00*	*0.954*	*95*
Nickel	*1.00*	*0.946*	*95*
Potassium	*10.0*	*14.6*	*146*
Selenium	*1.00*	*0.948*	*95*
Silicon	*1.00*	*0.910*	*91*
Silver	*0.500*	*0.513*	*103*
Sodium	*10.0*	*13.8*	*138*
Strontium	*0.500*	*0.501*	*100*
Thallium	*1.00*	*1.01*	*101*
Tin	*1.00*	*0.931*	*93*
Titanium	*1.00*	*0.953*	*95*
Vanadium	*1.00*	*0.918*	*92*
Zinc	*1.00*	*0.979*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Lab Sample ID: ICSA 600-71232/207 Instrument ID: TJA1

Lab File ID: A013112 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Cadmium		**0.0025**	
Lead		**0.0089**	
Aluminum	*500*	*495*	*99*
Antimony		*0.0000*	
Arsenic		*-0.0034*	
Barium		*0.0017*	
Beryllium		*-0.0009*	
Boron		*0.0015*	
Calcium	*500*	*439*	*88*
Chromium		*0.0011*	
Cobalt		*-0.0011*	
Copper		*0.0112*	
Iron	*200*	*188*	*94*
Lithium		*0.0044*	
Magnesium	*500*	*477*	*95*
Manganese		*-0.0071*	
Molybdenum		*0.0014*	
Nickel		*0.0001*	
Potassium		*-0.117*	
Selenium		*-0.0154*	
Silicon		*-0.0009*	
Silver		*-0.0017*	
Sodium		*0.217*	
Strontium		*-0.0086*	
Thallium		*0.0062*	
Tin		*-0.0010*	
Titanium		*-0.0024*	
Vanadium		*0.0046*	
Zinc		*-0.0021*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Lab Sample ID: ICSAB 600-71232/208 Instrument ID: TJA1

Lab File ID: A013112 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.483**	**97**
Lead	**1.00**	**0.953**	**95**
Aluminum	*510*	*506*	*99*
Antimony	*1.00*	*1.06*	*106*
Arsenic	*1.00*	*1.04*	*104*
Barium	*1.00*	*1.06*	*106*
Beryllium	*0.500*	*0.454*	*91*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*453*	*89*
Chromium	*1.00*	*0.916*	*92*
Cobalt	*1.00*	*0.881*	*88*
Copper	*1.00*	*1.04*	*104*
Iron	*210*	*200*	*95*
Lithium	*1.00*	*1.29*	*129*
Magnesium	*510*	*492*	*96*
Manganese	*1.00*	*0.928*	*93*
Molybdenum	*1.00*	*0.990*	*99*
Nickel	*1.00*	*0.984*	*98*
Potassium	*10.0*	*15.2*	*152*
Selenium	*1.00*	*0.983*	*98*
Silicon	*1.00*	*0.951*	*95*
Silver	*0.500*	*0.532*	*106*
Sodium	*10.0*	*14.4*	*144*
Strontium	*0.500*	*0.518*	*104*
Thallium	*1.00*	*1.04*	*104*
Tin	*1.00*	*0.967*	*97*
Titanium	*1.00*	*0.989*	*99*
Vanadium	*1.00*	*0.956*	*96*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-MW-17 MS
Lab ID: 600-49063-4 MS
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.4987		0.000350	U	0.500	100	75-125		6010B
Lead	0.9860		0.00411	J	1.00	98	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: 2012-MW-17 MS
Lab ID: 600-49063-4 MS
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5022		0.000350	U	0.500	100	75-125		6010B
Lead	0.9804		0.00290	U	1.00	98	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-MW-17 MSD
Lab ID: 600-49063-4 MSD
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.5030		0.500	101	75-125	1	20		6010B
Lead	0.9807		1.00	98	75-125	1	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: 2012-MW-17 MSD
Lab ID: 600-49063-4 MSD
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.4982		0.500	100	75-125	1	20		6010B
Lead	0.9683		1.00	97	75-125	1	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70492/2-A

Lab Name: TestAmerica Houston Job No.: 600-49063-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.5199		104	80	120		6010B
Lead	1.00	0.9928		99	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-49063-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70492/1-A	01/20/2012 09:41	70492		50	50
LCS 600-70492/2-A	01/20/2012 09:41	70492		50	50
600-49063-1	01/20/2012 09:41	70492		50	50
600-49063-1	01/20/2012 09:41	70492		50	50
600-49063-2	01/20/2012 09:41	70492		50	50
600-49063-3	01/20/2012 09:41	70492		50	50
600-49063-4	01/20/2012 09:41	70492		50	50
600-49063-4	01/20/2012 09:41	70492		50	50
600-49063-4 MS	01/20/2012 09:41	70492		50	50
600-49063-4 MS	01/20/2012 09:41	70492		50	50
600-49063-4 MSD	01/20/2012 09:41	70492		50	50
600-49063-4 MSD	01/20/2012 09:41	70492		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/31/2012 06:59 End Date: 01/31/2012 20:54

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			06:59																					
STD 600-71232/2 IC			07:03	X	X																			
ZZZZZZ			07:07																					
ICV 600-71232/4	1		07:11	X	X																			
ICB 600-71232/5	1		07:16	X	X																			
CRI 600-71232/6			07:20																					
ICSA 600-71232/7	1		07:24	X	X																			
ICSAB 600-71232/8	1		07:27	X	X																			
CCV 600-71232/9			07:31																					
CCB 600-71232/10			07:35																					
ZZZZZZ			07:39																					
ZZZZZZ			07:43																					
ZZZZZZ			07:47																					
ZZZZZZ			07:51																					
ZZZZZZ			07:54																					
ZZZZZZ			07:58																					
ZZZZZZ			08:02																					
ZZZZZZ			08:06																					
ZZZZZZ			08:11																					
ZZZZZZ			08:14																					
CCV 600-71232/21			08:18																					
CCB 600-71232/22			08:22																					
ZZZZZZ			08:26																					
ZZZZZZ			08:30																					
ZZZZZZ			08:34																					
ZZZZZZ			08:38																					
ZZZZZZ			08:41																					
ZZZZZZ			08:45																					
ZZZZZZ			08:49																					
ZZZZZZ			08:53																					
ZZZZZZ			08:57																					
CCV 600-71232/32			09:01																					
CCB 600-71232/33			09:04																					
ZZZZZZ			09:10																					
ZZZZZZ			09:14																					
ZZZZZZ			09:18																					
ZZZZZZ			09:22																					
ZZZZZZ			09:25																					
ZZZZZZ			09:29																					
ZZZZZZ			09:33																					
ZZZZZZ			09:37																					
ZZZZZZ			09:41																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/31/2012 06:59 End Date: 01/31/2012 20:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			09:45																				
CCV 600-71232/44			09:48																				
CCB 600-71232/45			09:52																				
ZZZZZZ			09:57																				
ZZZZZZ			10:01																				
ZZZZZZ			10:04																				
ZZZZZZ			10:08																				
ZZZZZZ			10:12																				
ZZZZZZ			10:16																				
ZZZZZZ			10:20																				
ZZZZZZ			10:24																				
CCV 600-71232/54			10:36																				
CCB 600-71232/55			10:40																				
ZZZZZZ			10:45																				
ZZZZZZ			10:49																				
ZZZZZZ			10:53																				
ZZZZZZ			10:57																				
ZZZZZZ			11:00																				
ZZZZZZ			11:04																				
ZZZZZZ			11:08																				
ZZZZZZ			11:12																				
ZZZZZZ			11:16																				
ZZZZZZ			11:20																				
CCV 600-71232/66			11:24																				
CCB 600-71232/67			11:28																				
ZZZZZZ			11:32																				
ZZZZZZ			11:36																				
ZZZZZZ			11:40																				
ZZZZZZ			11:44																				
ZZZZZZ			11:48																				
ZZZZZZ			11:51																				
ZZZZZZ			11:55																				
ZZZZZZ			11:59																				
CCV 600-71232/76			12:03																				
CCB 600-71232/77			12:07																				
ZZZZZZ			12:12																				
ZZZZZZ			12:16																				
ZZZZZZ			12:20																				
ZZZZZZ			12:24																				
ZZZZZZ			12:28																				
ZZZZZZ			12:32																				
ZZZZZZ			12:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/31/2012 06:59 End Date: 01/31/2012 20:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			12:39																				
ZZZZZZ			12:43																				
ZZZZZZ			12:47																				
CCV 600-71232/88			12:51																				
CCB 600-71232/89			12:55																				
ZZZZZZ			12:59																				
ZZZZZZ			13:02																				
ZZZZZZ			13:06																				
ZZZZZZ			13:10																				
ZZZZZZ			13:14																				
ZZZZZZ			13:18																				
ZZZZZZ			13:22																				
ZZZZZZ			13:26																				
ZZZZZZ			13:31																				
ZZZZZZ			13:35																				
CCV 600-71232/100			13:39																				
CCB 600-71232/101			13:42																				
ZZZZZZ			13:46																				
ZZZZZZ			13:50																				
ZZZZZZ			13:54																				
ZZZZZZ			13:58																				
ZZZZZZ			14:02																				
CCV 600-71232/107			14:06																				
CCB 600-71232/108			14:09																				
ZZZZZZ			14:15																				
ZZZZZZ			14:19																				
ZZZZZZ			14:23																				
ZZZZZZ			14:27																				
ZZZZZZ			14:31																				
ZZZZZZ			14:34																				
ZZZZZZ			14:38																				
ZZZZZZ			14:42																				
ZZZZZZ			14:46																				
CCV 600-71232/118			14:50																				
CCB 600-71232/119			14:54																				
ZZZZZZ			14:58																				
ZZZZZZ			15:01																				
ZZZZZZ			15:07																				
ZZZZZZ			15:11																				
ZZZZZZ			15:15																				
ZZZZZZ			15:19																				
ZZZZZZ			15:22																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/31/2012 06:59 End Date: 01/31/2012 20:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			15:26																				
ZZZZZZ			15:30																				
ZZZZZZ			15:34																				
CCV 600-71232/130			15:38																				
CCB 600-71232/131			15:42																				
ZZZZZZ			15:46																				
ZZZZZZ			15:49																				
ZZZZZZ			15:54																				
ZZZZZZ			15:58																				
ZZZZZZ			16:02																				
ZZZZZZ			16:06																				
ZZZZZZ			16:10																				
ZZZZZZ			16:15																				
ZZZZZZ			16:18																				
CCV 600-71232/141			16:22																				
CCB 600-71232/142			16:26																				
CRI 600-71232/143	1		16:30	X	X																		
ICSA 600-71232/144	1		16:34	X	X																		
ICSAB 600-71232/145	1		16:38	X	X																		
CCV 600-71232/146	1		16:42	X	X																		
CCB 600-71232/147	1		16:45	X	X																		
MB 600-70492/1-A	1	T	16:53	X	X																		
LCS 600-70492/2-A	1	T	16:57	X	X																		
ZZZZZZ			17:01																				
ZZZZZZ			17:04																				
ZZZZZZ			17:08																				
ZZZZZZ			17:12																				
ZZZZZZ			17:16																				
ZZZZZZ			17:20																				
ZZZZZZ			17:24																				
ZZZZZZ			17:27																				
CCV 600-71232/158	1		17:31	X	X																		
CCB 600-71232/159	1		17:35	X	X																		
600-49063-1	1	D	17:39	X	X																		
600-49063-1	1	T	17:43	X	X																		
600-49063-2	1	T	17:47	X	X																		
600-49063-3	1	T	17:51	X	X																		
600-49063-4	1	D	17:54	X	X																		
600-49063-4	1	T	17:58	X	X																		
600-49063-4 MS	1	D	18:02	X	X																		
600-49063-4 MS	1	T	18:06	X	X																		
600-49063-4 MSD	1	D	18:10	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/31/2012 06:59 End Date: 01/31/2012 20:54

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
600-49063-4 MSD	1	T	18:14	X	X																			
CCV 600-71232/170	1		18:18	X	X																			
CCB 600-71232/171	1		18:21	X	X																			
ZZZZZZ			18:25																					
ZZZZZZ			18:29																					
CCV 600-71232/174	1		18:35	X	X																			
CCB 600-71232/175	1		18:39	X	X																			
ZZZZZZ			18:43																					
ZZZZZZ			18:46																					
ZZZZZZ			18:50																					
ZZZZZZ			18:54																					
ZZZZZZ			18:58																					
ZZZZZZ			19:02																					
ZZZZZZ			19:06																					
ZZZZZZ			19:10																					
ZZZZZZ			19:13																					
ZZZZZZ			19:17																					
CCV 600-71232/186			19:21																					
CCB 600-71232/187			19:25																					
ZZZZZZ			19:29																					
ZZZZZZ			19:33																					
ZZZZZZ			19:37																					
ZZZZZZ			19:40																					
ZZZZZZ			19:44																					
ZZZZZZ			19:48																					
ZZZZZZ			19:52																					
ZZZZZZ			19:56																					
ZZZZZZ			20:00																					
ZZZZZZ			20:04																					
CCV 600-71232/198			20:07																					
CCB 600-71232/199			20:11																					
ZZZZZZ			20:15																					
ZZZZZZ			20:19																					
ZZZZZZ			20:23																					
ZZZZZZ			20:27																					
ZZZZZZ			20:30																					
ZZZZZZ			20:34																					
CRI 600-71232/206	1		20:38	X	X																			
ICSA 600-71232/207	1		20:42	X	X																			
ICSAB 600-71232/208	1		20:46	X	X																			
CCV 600-71232/209			20:50																					
CCB 600-71232/210			20:54																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/31/2012 06:59 End Date: 01/31/2012 20:54

Prep Types
D = Dissolved
T = Total/NA

Method: 20076010 01/31/12 06:54:27 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A013112	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/31/12 07:03:15 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/31/12 06:59:52

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01201	.00238	-.00057	.00060	-.03884	.00183	.00312
SDev	.00011	.00116	.00030	.00047	.00136	.00276	.00281
%RSD	.87420	48.647	53.680	77.523	3.5056	150.45	90.182
#1	.01194	.00156	-.00078	.00027	-.03788	-.00012	.00511
#2	.01209	.00320	-.00035	.00094	-.03980	.00378	.00113

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00622	.00012	-.00029	.00372	.00825	.04765	.02402
SDev	.00014	.00022	.00036	.00003	.00737	.00020	.00015
%RSD	2.2607	188.60	122.55	.69631	89.292	.41880	.64462
#1	.00632	-.00004	-.00004	.00371	.01346	.04751	.02391
#2	.00612	.00027	-.00055	.00374	.00304	.04780	.02413

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00008	-.00053	-.00173	.34528	.04040	.00020	-.00174
SDev	.00006	.00080	.00207	.00106	.00037	.00033	.00119
%RSD	70.678	151.90	119.16	.30728	.91143	169.69	68.293
#1	.00004	.00004	-.00027	.34453	.04014	.00043	-.00090
#2	.00012	-.00109	-.00320	.34603	.04066	-.00004	-.00257

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.14780	.00105	-.00185	.00123	-.00265	.00002	.00515
SDev	.00049	.00127	.00008	.00378	.00055	.00008	.00006
%RSD	.32902	120.46	4.5100	307.37	20.840	424.62	1.1155
#1	.14745	.00016	-.00191	.00390	-.00304	-.00004	.00519
#2	.14814	.00195	-.00179	-.00144	-.00226	.00008	.00511

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.01035	-.00265	-.00811	.00384

SDev	.00125	.00237	.00143	.00047
%RSD	12.029	89.455	17.634	12.248
#1	.01123	-.00433	-.00710	.00417
#2	.00947	-.00097	-.00912	.00351

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25643	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0441201	--	--	--	--	--	--
#1	25635	--	--	--	--	--	--
#2	25651	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/31/12 07:03:31

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.1235	1.1728	1.1871	17.447	21.325	7.4252	12.674
SDev	.0016	.0005	.0012	.027	.021	.0039	.016
%RSD	.14514	.03963	.10132	.15241	.09914	.05206	.12367
#1	1.1247	1.1732	1.1879	17.465	21.340	7.4280	12.685
#2	1.1224	1.1725	1.1862	17.428	21.310	7.4225	12.663

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.7675	2.2949	1.3693	1.7091	4.9518	25.104	1.2060
SDev	.0029	.0031	.0010	.0023	.0078	.021	.0006
%RSD	.10392	.13417	.07318	.13372	.15826	.08320	.04881
#1	2.7695	2.2971	1.3700	1.7107	4.9573	25.119	1.2064
#2	2.7655	2.2927	1.3686	1.7075	4.9463	25.089	1.2056

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.0345	1.8970	5.7290	3.4109	.98539	.91009	.16119
SDev	.0029	.0025	.0213	.0019	.00529	.00097	.00101
%RSD	.14181	.13383	.37154	.05453	.53700	.10706	.62523
#1	2.0366	1.8952	5.7440	3.4122	.98913	.91078	.16190
#2	2.0325	1.8988	5.7139	3.4096	.98165	.90940	.16048

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.421	53.635	.36665	2.7136	13.349	.62271	3.4882
SDev	.015	.096	.00347	.0032	.019	.00072	.0057
%RSD	.07384	.17938	.94747	.11657	.13934	.11522	.16398
#1	20.432	53.703	.36419	2.7158	13.362	.62322	3.4922
#2	20.410	53.567	.36911	2.7113	13.336	.62220	3.4842

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.0346	8.0253	1.2747	1.1401
SDev	.0144	.0119	.0040	.0015
%RSD	.35617	.14823	.31293	.12914
#1	4.0448	8.0337	1.2775	1.1411
#2	4.0245	8.0168	1.2718	1.1391

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25675	--	--	--	--	--	--
SDev	138.5929	--	--	--	--	--	--
%RSD	.5397972	--	--	--	--	--	--
#1	25577	--	--	--	--	--	--
#2	25773	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	17.9934	-.216120	01/31/12 07:03:31
Sb2068	206.838	STD	S0	1.71442	-.004078	01/31/12 07:03:31
As1890	189.042	STD	S0	1.66770	.000943	01/31/12 07:03:31
Ba4934	493.409	STD	S0	.114639	-.000069	01/31/12 07:03:31
Be3130	313.042	STD	S0	.046838	.001819	01/31/12 07:03:31
B_2496	249.678	STD	S0	.269418	-.000494	01/31/12 07:03:31
Cd2265	226.502	STD	S0	.079078	-.000247	01/31/12 07:03:31
Ca3179	317.933	STD	S0	7.24305	-.045052	01/31/12 07:03:31
Cr2677	267.716	STD	S0	.871547	-.000102	01/31/12 07:03:31
Co2286	228.616	STD	S0	1.46028	.000427	01/31/12 07:03:31
Cu3247	324.753	STD	S0	1.17214	-.004365	01/31/12 07:03:31
Fe2714	271.441	STD	S0	3.87818	-.031993	01/31/12 07:03:31
Li6707	670.784	STD	S0	.079821	-.003804	01/31/12 07:03:31
Pb2203	220.353		NONE	.000000	.000000	*01/31/12 07:03:31
Se1960	196.026		NONE	.000000	.000000	*01/31/12 07:03:31
Mg2790	279.078	STD	S0	16.9211	-.406480	01/31/12 07:03:31
Mn2576	257.610	STD	S0	.983259	-.000077	01/31/12 07:03:31
Mo2020	202.030	STD	S0	1.05400	.000555	01/31/12 07:03:31
Ni2316	231.604	STD	S0	.348997	.000605	01/31/12 07:03:31
K_7664	766.491	STD	S0	6.52398	-2.25260	01/31/12 07:03:31
Si2881	288.158	STD	S0	2.09695	-.084718	01/31/12 07:03:31
Ag3280	328.068	STD	S0	1.09933	-.000214	01/31/12 07:03:31
Na3302	330.232	STD	S0	122.755	.212993	01/31/12 07:03:31
Na5889	588.995	STD	S0	.986523	-.145807	01/31/12 07:03:31
Sr4215	421.552	STD	S0	.018654	-.000020	01/31/12 07:03:31
Tl1908	190.864	STD	S0	5.44484	.010086	01/31/12 07:03:31
Sn1899	189.989	STD	S0	.737373	-.000906	01/31/12 07:03:31
Ti3349	334.941	STD	S0	.149796	.000397	01/31/12 07:03:31
V_2924	292.402	STD	S0	3.18110	-.000062	01/31/12 07:03:31
Zn2138	213.856	STD	S0	.574914	-.002959	01/31/12 07:03:31
2203/1	220.351	STD	S0	.499882	-.005176	01/31/12 07:03:31
2203/2	220.352	STD	S0	.248198	.000658	01/31/12 07:03:31
1960/1	196.021	STD	S0	1.56109	.012662	01/31/12 07:03:31
1960/2	196.022	STD	S0	1.75650	-.006747	01/31/12 07:03:31

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	.000000	-.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/31/12 07:06:55 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/31/12 07:06:55 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	-.000000	.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/31/12 07:11:23 AM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/31/12 07:07:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.888	1.9904	1.9931	1.9910	1.0013	1.9938	.99591

SDev	.010	.0017	.0014	.0028	.0014	.0018	.00248
%RSD	.05217	.08685	.07047	.13995	.13875	.08825	.24906
#1	19.895	1.9916	1.9941	1.9929	1.0023	1.9950	.99767
#2	19.880	1.9892	1.9921	1.9890	1.0003	1.9925	.99416

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.945	1.9943	1.9948	1.9896	19.909	1.9861	1.9957
SDev	.042	.0028	.0014	.0034	.054	.0032	.0016
%RSD	.20880	.13957	.07250	.17297	.26891	.16329	.08135
#1	19.975	1.9963	1.9958	1.9920	19.947	1.9884	1.9969
#2	19.916	1.9923	1.9937	1.9872	19.871	1.9838	1.9946

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9814	19.945	1.9938	2.0010	2.0017	19.870	1.9777
SDev	.0016	.043	.0031	.0010	.0082	.059	.0053
%RSD	.08300	.21382	.15314	.05145	.40996	.29862	.26956
#1	1.9802	19.975	1.9960	2.0018	1.9959	19.912	1.9814
#2	1.9825	19.915	1.9917	2.0003	2.0075	19.828	1.9739

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99670	19.728	19.871	.99089	1.9993	1.9987	1.9892
SDev	.00071	.002	.023	.00167	.0010	.0033	.0031
%RSD	.07160	.00785	.11377	.16834	.05131	.16447	.15338
#1	.99720	19.726	19.887	.99207	2.0000	2.0010	1.9914
#2	.99619	19.729	19.855	.98971	1.9986	1.9963	1.9871

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9922	1.9941	1.9905	1.9983	1.9830	1.9806
SDev	.0033	.0049	.0037	.0006	.0056	.0053
%RSD	.16777	.24388	.18767	.02839	.28299	.26622
#1	1.9946	1.9976	1.9932	1.9987	1.9870	1.9768
#2	1.9899	1.9907	1.9879	1.9979	1.9790	1.9843

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25599	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0441959	--	--	--	--	--	--

#1	25591	--	--	--	--	--	--
#2	25607	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 07:11:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4852	.49703	.50546	.49839	.51462	.50191	.50607
SDev	.0128	.00161	.00600	.00133	.00128	.00043	.00075
%RSD	.51659	.32501	1.1860	.26694	.24848	.08611	.14748
#1	2.4761	.49589	.50970	.49745	.51371	.50222	.50555
#2	2.4943	.49817	.50122	.49933	.51552	.50161	.50660

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.684	.50428	.50804	.50556	2.5162	.46553	.50617
SDev	.027	.00125	.00110	.00144	.0056	.00078	.00243
%RSD	.21096	.24746	.21736	.28429	.22085	.16853	.48009
#1	12.665	.50340	.50726	.50455	2.5201	.46497	.50445
#2	12.703	.50516	.50882	.50658	2.5123	.46608	.50789

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50953	5.0580	.49923	.51338	.51763	11.898	.95377
SDev	.00537	.0103	.00104	.00281	.00034	.027	.00009
%RSD	1.0534	.20436	.20846	.54829	.06585	.22907	.00928
#1	.50574	5.0507	.49849	.51139	.51787	11.879	.95371
#2	.51333	5.0653	.49996	.51537	.51739	11.917	.95383

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25114	12.568	11.785	.24808	.51473	.51706	.50746
SDev	.00007	.099	.022	.00072	.00636	.00020	.00167
%RSD	.02980	.78839	.18889	.29207	1.2347	.03909	.32924
#1	.25109	12.638	11.769	.24757	.51024	.51692	.50628
#2	.25119	12.498	11.801	.24859	.51923	.51720	.50864

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50788	.51411	.50496	.50678	.50826	.51022
SDev	.00149	.00114	.00093	.00318	.00366	.00622
%RSD	.29394	.22195	.18332	.62795	.72048	1.2191
#1	.50682	.51330	.50431	.50453	.50567	.50583
#2	.50893	.51492	.50562	.50903	.51085	.51462

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/31/12 07:15:15 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25878	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2568515	--	--	--	--	--	--
#1	25925	--	--	--	--	--	--
#2	25831	--	--	--	--	--	--

Analysis Report Blank Sample 01/31/12 07:20:05 AM page 1

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/31/12 07:16:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00290	.00005	.00082	.00035	.00031	.00329	.00020
SDev	.00055	.00119	.00054	.00002	.00001	.00031	.00010
%RSD	18.889	2491.0	65.273	6.8360	2.0160	9.4570	50.442
#1	-.00251	-.00079	.00120	.00033	.00031	.00307	.00013
#2	-.00329	.00089	.00044	.00036	.00032	.00351	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00880	.00040	-.00010	.00034	-.02924	.00024	.00001
SDev	.00006	.00052	.00020	.00007	.00232	.00003	.00054
%RSD	.65347	130.17	191.88	22.294	7.9196	10.594	6153.8
#1	.00876	.00003	-.00024	.00039	-.03088	.00026	.00039
#2	.00884	.00076	.00004	.00028	-.02760	.00022	-.00037

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	-.00869	.00037	.00245	.00071	-.05365	-.00239
SDev	.00042	.00011	.00000	.00035	.00115	.00970	.00047
%RSD	19.643	1.2284	.30870	14.160	161.89	18.085	19.779
#1	.00184	-.00861	.00038	.00269	-.00010	-.04679	-.00273
#2	.00243	-.00876	.00037	.00220	.00152	-.06051	-.00206

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	-.12249	.00238	.00016	.00426	-.00072	.00043
SDev	.00027	.01573	.00094	.00002	.00266	.00134	.00006
%RSD	46.906	12.840	39.556	12.153	62.591	185.15	15.197
#1	-.00076	-.11137	.00304	.00014	.00237	.00022	.00038
#2	-.00038	-.13361	.00171	.00017	.00614	-.00167	.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00001	-.00194	.00098	.00105	.00268
SDev	.00025	.00002	.00094	.00128	.00159	.00017
%RSD	65.553	213.50	48.237	129.55	151.10	6.1982
#1	.00021	-.00001	-.00261	.00189	-.00007	.00280
#2	.00057	.00003	-.00128	.00008	.00218	.00256

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26160	--	--	--	--	--	--
SDev	67.17515	--	--	--	--	--	--
%RSD	.2567808	--	--	--	--	--	--

#1	26113	--	--	--	--	--	--
#2	26208	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/31/12 07:20:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05012	.00802	.00910	.00725	.00519	.00888	.00507
SDev	.00098	.00069	.00154	.00001	.00001	.00037	.00002
%RSD	1.9480	8.6211	16.949	.18937	.15395	4.1326	.48079
#1	.04943	.00851	.00801	.00724	.00519	.00914	.00508
#2	.05081	.00754	.01019	.00726	.00520	.00862	.00505

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11309	.00734	.00626	.00741	.02200	.00351	.00596
SDev	.00096	.00014	.00006	.00008	.01189	.00003	.00033
%RSD	.84851	1.8701	.91919	1.1199	54.076	.93368	5.5787
#1	.11377	.00724	.00622	.00735	.03041	.00354	.00573
#2	.11241	.00744	.00630	.00746	.01358	.00349	.00620

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00941	.05372	.00714	.00879	.00730	.47417	.00141
SDev	.00221	.00439	.00003	.00062	.00028	.02316	.00031
%RSD	23.481	8.1701	.36316	7.0781	3.8008	4.8850	21.860
#1	.01098	.05683	.00716	.00835	.00750	.49055	.00163
#2	.00785	.05062	.00712	.00923	.00711	.45779	.00119

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00267	.43245	.53842	.00201	.00758	.00332	.00761
SDev	.00013	.00079	.00109	.00001	.00116	.00099	.00008
%RSD	4.8189	.18290	.20175	.58437	15.331	29.761	1.0833
#1	.00276	.43301	.53919	.00200	.00840	.00401	.00766
#2	.00258	.43189	.53765	.00202	.00676	.00262	.00755

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00728	.00697	.00246	.00771	.00544	.01140
SDev	.00002	.00006	.00073	.00014	.00337	.00163
%RSD	.27743	.93701	29.520	1.7636	61.991	14.282
#1	.00730	.00701	.00195	.00762	.00783	.01255
#2	.00727	.00692	.00297	.00781	.00306	.01025

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	26290	--	--	--	--	--	--
SDev	94.75231	--	--	--	--	--	--
%RSD	.3604120	--	--	--	--	--	--
#1	26223	--	--	--	--	--	--
#2	26357	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/31/12 07:24:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	499.54	-.00372	-.00056	.00163	-.00013	-.00120	.00339
SDev	.82	.00000	.00035	.00004	.00002	.00080	.00013
%RSD	.16445	.02644	62.478	2.6043	12.070	66.063	3.7163
#1	500.12	-.00372	-.00081	.00166	-.00014	-.00064	.00331
#2	498.96	-.00372	-.00031	.00160	-.00012	-.00177	.00348

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	443.94	.00119	-.00034	.01261	186.87	.00425	.00872
SDev	.03	.00000	.00022	.00033	.19	.00003	.00004
%RSD	.00740	.08750	63.293	2.6479	.10224	.71357	.50962
#1	443.91	.00119	-.00019	.01238	187.00	.00427	.00875
#2	443.96	.00118	-.00050	.01285	186.73	.00423	.00869

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00656	497.40	-.00764	.00031	.00047	-.04462	.00790
SDev	.00056	.09	.00003	.00035	.00059	.00270	.00024
%RSD	8.4911	.01861	.38720	111.47	127.42	6.0482	3.0147
#1	-.00695	497.47	-.00766	.00055	.00089	-.04653	.00773
#2	-.00617	497.34	-.00762	.00007	.00005	-.04271	.00807

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00089	-.04343	.15418	-.00882	-.00830	-.00134	-.00246
SDev	.00010	.04009	.00110	.00001	.00096	.00009	.00002
%RSD	11.149	92.313	.71048	.06879	11.582	6.5843	1.0033
#1	-.00096	-.01508	.15496	-.00883	-.00762	-.00140	-.00247
#2	-.00082	-.07177	.15341	-.00882	-.00898	-.00128	-.00244

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	.00214	-.09035	.05825	.00667	-.01317
SDev	.00001	.00019	.00068	.00041	.00628	.00398
%RSD	.18683	8.8312	.75695	.70143	94.240	30.193
#1	.00317	.00227	-.09083	.05854	.01111	-.01599

#2	.00316	.00200	-.08987	.05796	.00222	-.01036

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23696	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.0805718	--	--	--	--	--	--
#1	23682	--	--	--	--	--	--
#2	23709	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/31/12 07:27:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	512.67	1.0215	1.0146	1.0220	.48499	1.0304	.46873
SDev	1.40	.0101	.0024	.0027	.00077	.0007	.00034
%RSD	.27345	.99187	.23777	.26124	.15935	.06669	.07275
#1	511.68	1.0144	1.0129	1.0201	.48445	1.0299	.46849
#2	513.67	1.0287	1.0163	1.0239	.48554	1.0309	.46898

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	455.42	.95207	.92167	1.0806	197.76	1.2215	.95871
SDev	.52	.00196	.00089	.0030	.15	.0044	.00102
%RSD	.11502	.20612	.09684	.27854	.07592	.36229	.10677
#1	455.05	.95068	.92104	1.0785	197.65	1.2184	.95799
#2	455.79	.95346	.92230	1.0828	197.86	1.2247	.95944

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99627	511.59	.94501	.98011	.92592	14.353	.96887
SDev	.00152	.86	.00150	.00324	.00112	.061	.00349
%RSD	.15267	.16842	.15851	.33064	.12072	.42789	.36046
#1	.99734	510.99	.94395	.97782	.92671	14.309	.96640
#2	.99519	512.20	.94607	.98241	.92513	14.396	.97134

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53317	12.341	13.757	.49440	.94808	.99032	.98272
SDev	.00073	.013	.057	.00114	.00351	.00269	.00202
%RSD	.13716	.10345	.41131	.22976	.37063	.27168	.20595
#1	.53265	12.332	13.717	.49360	.94559	.98842	.98129
#2	.53369	12.350	13.797	.49521	.95056	.99223	.98415

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97759	.99401	.86108	1.0075	1.0095	.98967

SDev	.00179	.00089	.00432	.0037	.0029	.00085
%RSD	.18361	.08903	.50202	.36693	.28382	.08578
#1	.97632	.99338	.86414	1.0049	1.0115	.99027
#2	.97886	.99464	.85803	1.0101	1.0074	.98907

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23674	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0448018	--	--	--	--	--	--
#1	23682	--	--	--	--	--	--
#2	23667	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 07:31:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5123	.49013	.49106	.49090	.50199	.49024	.49247
SDev	.0080	.01317	.01430	.01089	.01136	.00992	.01145
%RSD	.31849	2.6875	2.9126	2.2180	2.2636	2.0244	2.3247
#1	2.5180	.49944	.50117	.49860	.51002	.49726	.50057
#2	2.5067	.48081	.48094	.48320	.49395	.48323	.48438

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.403	.49168	.49543	.49841	2.4683	.45986	.49222
SDev	.222	.01139	.01135	.01194	.0506	.00943	.01049
%RSD	1.7921	2.3172	2.2902	2.3949	2.0495	2.0504	2.1312
#1	12.560	.49974	.50345	.50685	2.5041	.46652	.49964
#2	12.245	.48362	.48740	.48997	2.4325	.45319	.48481

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50300	5.0077	.48728	.49849	.50416	11.744	.92704
SDev	.00902	.0716	.01115	.01112	.01189	.218	.02125
%RSD	1.7927	1.4297	2.2893	2.2306	2.3578	1.8582	2.2927
#1	.50937	5.0584	.49516	.50635	.51257	11.899	.94207
#2	.49662	4.9571	.47939	.49063	.49576	11.590	.91201

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24569	12.254	11.673	.24437	.49400	.50347	.49757
SDev	.00577	.200	.211	.00527	.00954	.01228	.01097
%RSD	2.3492	1.6345	1.8103	2.1557	1.9305	2.4389	2.2047
#1	.24978	12.396	11.822	.24810	.50075	.51215	.50533
#2	.24161	12.113	11.523	.24065	.48726	.49479	.48982

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49727	.49935	.49113	.49277	.49822	.50544
SDev	.01105	.01173	.01180	.00984	.00295	.01205
%RSD	2.2215	2.3487	2.4021	1.9962	.59300	2.3841
#1	.50508	.50764	.49948	.49973	.50031	.51396

#2	.48946	.49105	.48279	.48581	.49613	.49692	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26422	--	--	--	--	--	--
SDev	417.9001	--	--	--	--	--	--
%RSD	1.581607	--	--	--	--	--	--
#1	26127	--	--	--	--	--	--
#2	26718	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 07:35:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00293	.00228	.00228	.00019	.00026	.00232	.00016
SDev	.00381	.00004	.00053	.00005	.00002	.00015	.00009
%RSD	129.88	1.7192	23.455	23.735	5.9127	6.5965	54.948
#1	.00024	.00225	.00266	.00016	.00025	.00243	.00010
#2	.00562	.00231	.00190	.00023	.00027	.00221	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00648	.00040	-.00027	.00011	-.02500	-.00008	.00005
SDev	.00388	.00047	.00051	.00016	.01375	.00001	.00037
%RSD	59.942	118.56	190.92	138.92	54.992	18.260	815.29
#1	.00373	.00006	.00009	.00023	-.01528	-.00009	-.00022
#2	.00922	.00073	-.00063	.00000	-.03472	-.00007	.00031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	-.01090	.00017	.00250	-.00001	-.11773	-.00434
SDev	.00255	.00489	.00008	.00077	.00069	.00270	.00184
%RSD	150.70	44.857	47.513	30.650	5802.4	2.2959	42.435
#1	-.00011	-.01436	.00011	.00304	.00047	-.11964	-.00564
#2	.00350	-.00744	.00022	.00196	-.00050	-.11582	-.00304

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	-.06955	-.00400	.00006	.00335	-.00060	.00038
SDev	.00038	.00339	.00046	.00004	.00074	.00115	.00005

%RSD	58.810	4.8684	11.570	62.291	21.931	192.51	13.886
#1	-.00038	-.07194	-.00432	.00003	.00283	.00022	.00034
#2	-.00093	-.06715	-.00367	.00008	.00387	-.00141	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	-.00121	-.00205	.00109	-.00266	.00387
SDev	.00034	.00009	.00036	.00074	.00597	.00084
%RSD	75.068	7.7838	17.820	67.906	224.21	21.794

#1	.00021	-.00127	-.00179	.00057	-.00688	.00327
#2	.00068	-.00114	-.00230	.00162	.00156	.00447

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26286	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0295911	--	--	--	--	--	--
#1	26280	--	--	--	--	--	--
#2	26291	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-71156/1-a Operator: SRP
Run Time: 01/31/12 07:39:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00549	-.00068	.00063	.00970	.00014	.00141	-.00002
SDev	.02169	.00064	.00168	.00010	.00011	.00019	.00009
%RSD	395.10	94.825	263.86	.99676	81.841	13.812	414.52
#1	-.00985	-.00022	.00182	.00963	.00006	.00155	-.00009
#2	.02083	-.00113	-.00055	.00976	.00022	.00127	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01581	.00021	-.00048	.00274	-.01031	-.00015	-.00025
SDev	.02161	.00030	.00019	.00024	.01708	.00008	.00110
%RSD	136.64	144.12	40.865	8.8292	165.62	53.185	449.12
#1	.00053	-.00000	-.00061	.00257	-.02239	-.00021	-.00102
#2	.03109	.00042	-.00034	.00291	.00176	-.00009	.00053

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00183	-.00645	.00046	.00190	.00032	-.12723	-.00193
SDev	.00170	.02066	.00013	.00028	.00034	.00310	.00075
%RSD	92.449	320.30	28.269	14.782	105.46	2.4360	38.987
#1	.00064	-.02106	.00037	.00209	.00008	-.12942	-.00247
#2	.00303	.00816	.00055	.00170	.00057	-.12504	-.00140

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	-.09032	-.00316	.00024	-.00000	-.00049	.00023
SDev	.00023	.01330	.00271	.00006	.00390	.00059	.00002
%RSD	42.864	14.720	85.765	24.950	78091.	119.09	8.6233
#1	-.00071	-.09972	-.00507	.00020	-.00276	-.00008	.00022
#2	-.00038	-.08092	-.00124	.00029	.00275	-.00091	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00728	-.00164	.00045	.00059	.00245

SDev	.00033	.00009	.00170	.00080	.00063	.00223	
%RSD	760.10	1.2976	103.84	176.87	106.55	90.747	
#1	-.00028	.00721	-.00285	-.00011	.00015	.00088	
#2	.00019	.00734	-.00044	.00102	.00104	.00403	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26712	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.0979464	--	--	--	--	--	--
#1	26693	--	--	--	--	--	--
#2	26730	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71156/2-a Operator: SRP
Run Time: 01/31/12 07:43:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9350	.98123	.99561	1.0069	.50759	.99568	.49642
SDev	.0081	.00086	.00514	.0032	.00171	.00202	.00162
%RSD	.08196	.08796	.51650	.31604	.33749	.20297	.32714
#1	9.9408	.98184	.99925	1.0092	.50881	.99711	.49757
#2	9.9293	.98062	.99198	1.0047	.50638	.99425	.49527

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.021	.99551	1.0055	1.0175	10.033	.46469	.99323
SDev	.026	.00297	.0033	.0028	.039	.00113	.00383
%RSD	.26118	.29861	.33251	.27694	.38381	.24354	.38532
#1	10.040	.99762	1.0079	1.0195	10.060	.46549	.99594
#2	10.003	.99341	1.0031	1.0155	10.006	.46389	.99053

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0044	9.9748	.98963	1.0069	1.0410	9.6238	.93079
SDev	.0022	.0346	.00311	.0011	.0064	.0197	.00227
%RSD	.21825	.34640	.31408	.11331	.61356	.20438	.24429

#1	1.0029	9.9992	.99183	1.0077	1.0455	9.6377	.93240
#2	1.0060	9.9504	.98744	1.0061	1.0364	9.6098	.92918

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50458	9.5795	9.5799	.50010	.99391	1.0060	1.0037
SDev	.00181	.0803	.0187	.00168	.00337	.0041	.0033
%RSD	.35805	.83865	.19533	.33488	.33929	.40481	.32872
#1	.50586	9.6363	9.5931	.50129	.99152	1.0089	1.0060
#2	.50331	9.5227	9.5666	.49892	.99629	1.0031	1.0013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0088	1.0058	.99198	.99386	1.0045	1.0043
SDev	.0040	.0037	.00317	.00415	.0035	.0015
%RSD	.39183	.36666	.31985	.41800	.35230	.15120
#1	1.0116	1.0084	.99422	.99680	1.0020	1.0033
#2	1.0060	1.0032	.98974	.99092	1.0071	1.0054

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26290	--	--	--	--	--	--
SDev	58.68986	--	--	--	--	--	--
%RSD	.2232360	--	--	--	--	--	--
#1	26249	--	--	--	--	--	--
#2	26332	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-71104/1-c Operator: SRP
Run Time: 01/31/12 07:47:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00519	-.00031	.00069	.00113	.00005	.00490	-.00012
SDev	.00063	.00170	.00324	.00002	.00002	.00036	.00028
%RSD	12.067	543.45	466.82	1.6873	39.550	7.4564	232.83
#1	-.00475	-.00152	.00299	.00114	.00004	.00516	-.00032
#2	-.00563	.00089	-.00160	.00111	.00007	.00464	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02602	-.00002	-.00083	.00150	-.03999	-.00020	-.00010
SDev	.00135	.00012	.00012	.00002	.02083	.00001	.00081
%RSD	5.2006	635.69	14.739	1.0903	52.107	5.3168	790.38
#1	.02507	.00006	-.00091	.00151	-.05472	-.00021	.00047
#2	.02698	-.00010	-.00074	.00148	-.02525	-.00020	-.00068

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	-.01784	.00009	.00319	-.00018	-.13140	.00712
SDev	.00136	.00161	.00003	.00192	.00015	.00595	.00129
%RSD	59.317	9.0308	29.162	59.948	82.216	4.5263	18.151
#1	.00326	-.01670	.00011	.00455	-.00008	-.12720	.00804
#2	.00133	-.01898	.00007	.00184	-.00029	-.13561	.00621

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00091	174.48	134.73	.00005	.00407	.00037	.00021
SDev	.00027	.84	.72	.00000	.00704	.00057	.00001
%RSD	29.667	.48091	.53780	4.4899	172.97	153.43	3.5222
#1	-.00110	175.07	135.25	.00005	.00905	-.00003	.00022
#2	-.00072	173.88	134.22	.00005	-.00091	.00078	.00021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00653	-.00090	.00030	.00330	.00180
SDev	.00010	.00006	.00014	.00115	.00154	.00282
%RSD	113.14	.95662	15.009	385.11	46.814	156.78
#1	-.00002	.00648	-.00081	.00111	.00221	.00379
#2	-.00017	.00657	-.00100	-.00051	.00439	-.00020

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26189	--	--	--	--	--	--
SDev	77.78175	--	--	--	--	--	--
%RSD	.2970016	--	--	--	--	--	--
#1	26134	--	--	--	--	--	--
#2	26244	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49415-a-1-b Operator: SRP
Run Time: 01/31/12 07:51:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00454	-.00025	.00108	.10765	.00005	.00623	-.00010
SDev	.00136	.00134	.00332	.00075	.00002	.00027	.00018
%RSD	29.981	532.34	308.12	.69582	38.050	4.3404	167.17
#1	-.00358	.00070	.00343	.10818	.00004	.00604	-.00023
#2	-.00550	-.00120	-.00127	.10712	.00007	.00642	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.888	-.00010	.00273	.00029	-.02199	.00019	.00053
SDev	.369	.00009	.00027	.00002	.01150	.00000	.00067
%RSD	.52093	91.961	9.9080	7.9728	52.282	1.6380	126.64

#1	71.149	-.00017	.00254	.00028	-.03012	.00019	.00101
#2	70.627	-.00004	.00292	.00031	-.01386	.00019	.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00183	1.4908	.39768	.00992	.00775	.58344	.18532
SDev	.00044	.0049	.00201	.00044	.00030	.00263	.00186
%RSD	24.056	.32792	.50504	4.4635	3.8060	.45119	1.0008
#1	.00152	1.4943	.39910	.01023	.00796	.58530	.18663
#2	.00214	1.4874	.39626	.00961	.00754	.58158	.18400

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	174.93	135.73	.26658	.00209	.00166	-.00022
SDev	.00036	1.51	1.06	.00165	.00365	.00101	.00008
%RSD	70.028	.86331	.77881	.61905	174.49	60.666	35.015

#1	-.00076	176.00	136.47	.26775	.00467	.00095	-.00016
#2	-.00026	173.87	134.98	.26541	-.00049	.00237	-.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.06772	-.00073	.00116	.00166	.00192
SDev	.00009	.00038	.00180	.00011	.00225	.00178
%RSD	13.030	.56062	246.85	9.3871	135.18	93.095
#1	.00076	.06799	.00054	.00124	.00325	.00065
#2	.00063	.06745	-.00200	.00108	.00007	.00318

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26278	--	--	--	--	--	--
SDev	48.79037	--	--	--	--	--	--
%RSD	.1856665	--	--	--	--	--	--
#1	26244	--	--	--	--	--	--
#2	26313	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49415-a-2-b Operator: SRP
Run Time: 01/31/12 07:54:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00755	-.00027	.00078	.14568	.00002	.00892	.00006
SDev	.00008	.00150	.00143	.00033	.00002	.00029	.00012
%RSD	1.0517	557.22	182.03	.22586	68.755	3.2587	199.66
#1	.00750	-.00133	-.00023	.14591	.00001	.00913	.00014
#2	.00761	.00079	.00179	.14545	.00004	.00872	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.593	.00015	.00236	.00872	-.00290	.00040	.00181
SDev	.144	.00017	.00017	.00022	.01430	.00001	.00099
%RSD	.21628	109.58	7.1480	2.4723	493.20	2.0799	54.777
#1	66.695	.00003	.00248	.00887	.00721	.00041	.00111
#2	66.491	.00027	.00224	.00857	-.01301	.00040	.00251

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00292	1.5189	.33893	.00852	.01105	.78151	.26571
SDev	.00031	.0088	.00043	.00003	.00009	.01507	.00025
%RSD	10.510	.57833	.12811	.30026	.83293	1.9283	.09337
#1	.00314	1.5251	.33924	.00850	.01098	.79217	.26554
#2	.00270	1.5127	.33863	.00854	.01111	.77086	.26589

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00049	178.51	138.57	.24872	.00173	.00155	-.00011
SDev	.00051	.50	.49	.00042	.00252	.00046	.00003
%RSD	104.44	.28226	.35297	.16791	145.70	29.514	28.729
#1	-.00013	178.87	138.92	.24902	.00351	.00123	-.00013
#2	-.00086	178.15	138.22	.24843	-.00005	.00187	-.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.19801	-.00130	.00337	-.00046	.00461
SDev	.00018	.00039	.00120	.00209	.00382	.00145
%RSD	23.316	.19716	92.219	62.003	830.67	31.458
#1	.00089	.19829	-.00045	.00189	.00224	.00358
#2	.00064	.19774	-.00215	.00485	-.00316	.00563

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25662	--	--	--	--	--	--
SDev	104.6518	--	--	--	--	--	--
%RSD	.4078084	--	--	--	--	--	--
#1	25588	--	--	--	--	--	--
#2	25736	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49415-a-3-b Operator: SRP
Run Time: 01/31/12 07:58:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00241	-.00020	.00166	.10888	.00000	.00719	.00011
SDev	.00137	.00093	.00055	.00004	.00002	.00001	.00012

%RSD	57.019	456.32	33.267	.03475	968.02	.09090	110.87
#1	.00338	.00045	.00127	.10886	.00002	.00719	.00019
#2	.00144	-.00086	.00205	.10891	-.00001	.00720	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.390	.00002	.00074	.00097	-.00440	.00041	.00056
SDev	.196	.00012	.00036	.00024	.01733	.00002	.00087
%RSD	.26045	718.22	48.826	25.108	393.82	4.4541	157.01
#1	75.251	.00010	.00099	.00115	.00785	.00040	.00117
#2	75.529	-.00007	.00048	.00080	-.01665	.00042	-.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	1.7975	.31866	.00191	.00596	.65228	.26930
SDev	.00068	.0043	.00059	.00041	.00037	.00969	.00098
%RSD	38.124	.23723	.18465	21.471	6.2000	1.4858	.36506
#1	.00130	1.7944	.31825	.00162	.00622	.64543	.26860
#2	.00226	1.8005	.31908	.00220	.00570	.65914	.26999

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	179.12	139.09	.24660	-.00218	.00181	-.00027
SDev	.00054	.08	.27	.00039	.00273	.00133	.00001
%RSD	625.85	.04566	.19686	.15968	125.31	73.389	3.8882
#1	.00030	179.07	138.89	.24632	-.00025	.00087	-.00028
#2	-.00047	179.18	139.28	.24688	-.00411	.00275	-.00026

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.13045	-.00000	.00083	.00638	-.00051
SDev	.00026	.00034	.00152	.00055	.00076	.00064
%RSD	22.562	.26168	56078.	65.400	11.858	124.53
#1	.00131	.13021	.00108	.00122	.00584	-.00097
#2	.00095	.13069	-.00108	.00045	.00691	-.00006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25690	--	--	--	--	--	--
SDev	71.41779	--	--	--	--	--	--
%RSD	.2780038	--	--	--	--	--	--
#1	25740	--	--	--	--	--	--
#2	25639	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49415-a-4-b Operator: SRP
Run Time: 01/31/12 08:02:38
Comment: TRACE 61E

Analysis Report 01/31/12 08:06:26 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00960	-.00234	.00263	.12030	-.00001	.01128	-.00012
SDev	.00083	.00066	.00267	.00014	.00003	.00034	.00016
%RSD	8.6394	28.244	101.52	.11892	606.74	3.0362	136.22
#1	.00902	-.00187	.00452	.12041	.00002	.01152	-.00000
#2	.01019	-.00280	.00074	.12020	-.00003	.01104	-.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.024	-.00036	.00276	.00034	-.02314	.00022	.00145
SDev	.540	.00055	.00064	.00046	.04842	.00006	.00028
%RSD	.99874	154.90	23.383	135.83	209.21	27.683	18.962
#1	54.405	.00003	.00322	.00066	.01109	.00027	.00126
#2	53.642	-.00075	.00230	.00001	-.05738	.00018	.00165

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00268	1.7581	.48614	.00144	.00609	.41338	.30231
SDev	.00002	.0132	.00330	.00026	.00167	.03282	.00277
%RSD	.75871	.75104	.67892	18.135	27.366	7.9399	.91505

#1	.00266	1.7674	.48847	.00125	.00727	.43659	.30427
#2	.00269	1.7488	.48380	.00162	.00491	.39018	.30035

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	175.14	136.40	.22468	.00005	.00062	-.00014
SDev	.00082	.64	.32	.00030	.00239	.00134	.00016
%RSD	81.172	.36310	.23608	.13489	4686.5	217.60	112.65
#1	-.00043	175.59	136.63	.22490	.00174	.00157	-.00003
#2	-.00158	174.69	136.18	.22447	-.00164	-.00033	-.00026

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.05790	-.00097	.00266	-.00226	.00515
SDev	.00052	.00051	.00322	.00202	.00184	.00095
%RSD	91.619	.88403	331.86	75.974	81.337	18.422
#1	.00094	.05827	.00131	.00123	-.00096	.00448
#2	.00020	.05754	-.00325	.00410	-.00355	.00582

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25668	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0716253	--	--	--	--	--	--
#1	25655	--	--	--	--	--	--
#2	25681	--	--	--	--	--	--

Analysis Report 01/31/12 08:06:26 AM page 15

Method: 20076010 Sample Name: lb 600-71107/1-b Operator: SRP
Run Time: 01/31/12 08:06:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	.00019	.00142	.00141	.00003	.00317	.00005
SDev	.00134	.00234	.00058	.00005	.00003	.00006	.00024
%RSD	220.36	1243.5	41.138	3.6615	101.95	1.7674	489.98
#1	.00034	.00184	.00183	.00144	.00005	.00321	.00022
#2	-.00155	-.00147	.00101	.00137	.00001	.00313	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10852	.00011	.00015	.00066	-.00975	-.00020	-.00049
SDev	.00144	.00021	.00078	.00038	.04001	.00005	.00035
%RSD	1.3264	186.10	524.15	56.938	410.27	24.165	72.154
#1	.10750	.00026	.00070	.00093	.01854	-.00016	-.00024
#2	.10954	-.00004	-.00040	.00040	-.03804	-.00023	-.00074

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00256	-.01592	.00033	.00117	-.00055	-.12958	.00205
SDev	.00025	.00525	.00005	.00054	.00068	.03114	.00007
%RSD	9.8021	32.990	15.702	45.733	123.34	24.032	3.4219
#1	.00273	-.01221	.00037	.00155	-.00007	-.10756	.00210
#2	.00238	-.01963	.00030	.00079	-.00102	-.15160	.00200

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	179.08	137.24	.00030	.00047	.00224	.00002
SDev	.00100	.10	.07	.00002	.00161	.00121	.00009
%RSD	579.96	.05579	.05217	7.9318	340.02	53.900	342.00
#1	.00054	179.15	137.19	.00032	.00161	.00139	.00008
#2	-.00088	179.01	137.29	.00028	-.00066	.00310	-.00004

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00419	-.00013	-.00067	.00143	.00312
SDev	.00043	.00006	.00536	.00321	.00322	.00199
%RSD	172.03	1.3073	3974.5	479.63	224.92	63.699
#1	.00056	.00415	-.00393	.00160	-.00085	.00452
#2	-.00005	.00423	.00366	-.00294	.00371	.00171

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26342	--	--	--	--	--	--

Analysis Report 01/31/12 08:10:17 AM page 16

SDev	13.43503	--	--	--	--	--	--
%RSD	.0510033	--	--	--	--	--	--
#1	26351	--	--	--	--	--	--
#2	26332	--	--	--	--	--	--

Analysis Report 01/31/12 08:14:49 AM page 1

Method: 20076010 Sample Name: 600-49487-a-2-b Operator: SRP
Run Time: 01/31/12 08:11:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06329	-.00133	-.00144	.00341	-.00003	.02049	-.00026
SDev	.00624	.00406	.00172	.00015	.00004	.00135	.00009
%RSD	9.8680	306.25	119.02	4.2881	159.38	6.6031	33.860
#1	.05887	-.00420	-.00266	.00330	-.00006	.01954	-.00032
#2	.06771	.00155	-.00023	.00351	.00000	.02145	-.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.457	-.00075	.00066	.00264	-.04000	.00710	-.00068
SDev	.148	.00111	.00016	.00084	.01615	.00001	.00050
%RSD	.52016	147.88	24.603	31.737	40.371	.16085	74.151

#1	28.352	-.00153	.00054	.00205	-.05142	.00709	-.00103
#2	28.562	.00003	.00077	.00323	-.02858	.00710	-.00032

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	1.1109	.00899	.00031	.00210	.82040	.92594
SDev	.00111	.0096	.00024	.00012	.00071	.02736	.00195
%RSD	75.734	.86208	2.6400	37.922	33.837	3.3348	.21070

#1	.00225	1.1041	.00882	.00023	.00160	.80106	.92456
#2	.00068	1.1177	.00915	.00039	.00261	.83975	.92732

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00118	182.85	141.06	.01255	-.00002	.00027	-.00023
SDev	.00021	.87	.63	.00006	.00196	.00032	.00036
%RSD	18.058	.47412	.44541	.43859	8315.9	118.39	159.42

#1	-.00133	183.46	141.51	.01258	-.00141	.00004	-.00048
#2	-.00103	182.23	140.62	.01251	.00136	.00050	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	.00273	-.00047	-.00078	.00097	.00171
SDev	.00079	.00017	.00025	.00063	.00323	.00005
%RSD	128.11	6.1615	54.264	80.106	331.29	2.9693

#1	-.00118	.00261	-.00065	-.00123	.00325	.00175
#2	-.00006	.00285	-.00029	-.00034	-.00131	.00167

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25598	--	--	--	--	--	--
SDev	19.79899	--	--	--	--	--	--
%RSD	.0773458	--	--	--	--	--	--

#1	25584	--	--	--	--	--	--
#2	25612	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49415-b-7-b Operator: SRP
Run Time: 01/31/12 08:14:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01018	-.00079	.00359	.05544	-.00002	.01970	-.00009
SDev	.00090	.00160	.00088	.00012	.00004	.00082	.00001
%RSD	8.8413	203.61	24.479	.21282	254.23	4.1606	8.3265

#1	.01082	.00035	.00421	.05535	.00001	.01912	-.00009
#2	.00954	-.00192	.00297	.05552	-.00004	.02027	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	55.947	.00032	.00103	.00088	6.5961	.00017	-.00021
SDev	.090	.00051	.00004	.00020	.0146	.00001	.00023
%RSD	.16160	156.21	3.9555	22.314	.22200	7.9764	109.45
#1	55.883	.00068	.00100	.00074	6.5858	.00018	-.00005
#2	56.011	-.00003	.00105	.00102	6.6065	.00016	-.00037

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	1.9579	.65551	.00784	.00896	.46784	.39999
SDev	.00243	.0014	.00133	.00053	.00072	.00041	.00073
%RSD	104.96	.07390	.20300	6.7206	7.9978	.08684	.18262
#1	.00060	1.9569	.65457	.00747	.00845	.46756	.40051
#2	.00404	1.9590	.65646	.00821	.00947	.46813	.39948

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	169.88	133.11	.21235	-.00116	-.00001	-.00008
SDev	.00012	.02	.30	.00063	.00286	.00114	.00005
%RSD	28.281	.00944	.22308	.29857	246.27	8548.1	67.331
#1	-.00052	169.87	132.90	.21190	.00086	-.00082	-.00012
#2	-.00034	169.89	133.32	.21280	-.00319	.00079	-.00004

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.00251	-.00165	.00052	.00061	.00317
SDev	.00017	.00016	.00114	.00023	.00224	.00253
%RSD	22.456	6.2972	69.340	45.216	369.54	79.726
#1	.00088	.00262	-.00084	.00035	-.00098	.00138
#2	.00064	.00240	-.00246	.00068	.00219	.00496

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 08:18:40 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25602	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0414280	--	--	--	--	--	--
#1	25610	--	--	--	--	--	--
#2	25595	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 08:18:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5240	.49585	.49840	.50366	.50842	.49688	.50041
SDev	.0494	.00667	.01223	.00894	.00856	.00809	.00808
%RSD	1.9580	1.3454	2.4531	1.7758	1.6834	1.6284	1.6146
#1	2.4891	.49114	.48975	.49733	.50237	.49116	.49470
#2	2.5590	.50057	.50704	.50998	.51447	.50260	.50613

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.569	.49942	.50264	.51072	2.5063	.47163	.49842
SDev	.206	.00779	.00796	.00964	.0405	.00763	.00759
%RSD	1.6366	1.5588	1.5839	1.8880	1.6179	1.6187	1.5221
#1	12.423	.49392	.49701	.50390	2.4776	.46623	.49306
#2	12.714	.50493	.50827	.51754	2.5349	.47702	.50379

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50729	5.0121	.49577	.50588	.52634	12.072	.94190
SDev	.00834	.1001	.00845	.01067	.00951	.199	.01671
%RSD	1.6436	1.9971	1.7036	2.1090	1.8068	1.6448	1.7735
#1	.50139	4.9413	.48980	.49833	.51961	11.931	.93009
#2	.51319	5.0828	.50174	.51342	.53306	12.212	.95371

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25100	12.595	12.036	.25103	.50124	.50909	.50892
SDev	.00387	.100	.187	.00435	.01379	.00896	.00851
%RSD	1.5433	.79595	1.5500	1.7344	2.7503	1.7606	1.6717
#1	.24826	12.524	11.904	.24795	.49149	.50275	.50291
#2	.25374	12.666	12.168	.25410	.51099	.51543	.51494

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50638	.50635	.49665	.49931	.50339	.50930
SDev	.00866	.00872	.00552	.00862	.00571	.00966
%RSD	1.7106	1.7225	1.1115	1.7264	1.1335	1.8957
#1	.50026	.50018	.49274	.49322	.49935	.50247

#2	.51251	.51252	.50055	.50541	.50742	.51613	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26040	--	--	--	--	--	--
SDev	386.0803	--	--	--	--	--	--
%RSD	1.482643	--	--	--	--	--	--
#1	26313	--	--	--	--	--	--
#2	25767	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 08:22:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01443	.00105	-.00111	.00022	.00026	.00139	.00020
SDev	.00222	.00127	.00382	.00013	.00006	.00008	.00013
%RSD	15.373	121.37	343.59	58.908	25.115	5.9430	62.160

#1	.01287	.00194	-.00382	.00013	.00021	.00145	.00029
#2	.01600	.00015	.00159	.00031	.00030	.00133	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01217	.00018	-.00014	.00011	-.02101	.00002	.00062
SDev	.00113	.00040	.00064	.00031	.00926	.00003	.00002
%RSD	9.2588	220.03	469.67	298.67	44.074	136.46	3.2372

#1	.01137	-.00010	.00031	-.00012	-.01446	.00000	.00063
#2	.01296	.00047	-.00059	.00033	-.02756	.00005	.00060

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00276	-.00154	.00023	.00200	.00001	-.08343	-.00427
SDev	.00210	.00051	.00011	.00060	.00112	.00492	.00158
%RSD	76.249	33.361	47.192	30.276	7851.9	5.9023	36.975

#1	.00425	-.00190	.00015	.00242	.00081	-.08691	-.00539
#2	.00127	-.00118	.00030	.00157	-.00078	-.07994	-.00316

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	-.04478	.00278	.00007	.00170	.00127	.00037
SDev	.00054	.09006	.00181	.00006	.00504	.00006	.00012
%RSD	79.205	201.12	65.153	89.320	296.82	4.9289	32.740

#1	-.00030	.01890	.00150	.00002	.00526	.00131	.00029
#2	-.00106	-.10845	.00406	.00011	-.00186	.00122	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	-.00138	-.00299	.00242	.00256	.00286

SDev	.00017	.00000	.00386	.00190	.00782	.00075
%RSD	51.472	.03410	128.89	78.491	305.48	26.362

#1	.00021	-.00138	-.00027	.00108	.00809	.00233
#2	.00044	-.00138	-.00572	.00376	-.00297	.00339

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25950	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.1008226	--	--	--	--	--	--

#1	25931	--	--	--	--	--	--
#2	25968	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49426-a-1-b Operator: SRP
Run Time: 01/31/12 08:26:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01071	.00034	.00292	.02101	-.00001	.02958	-.00001
SDev	.00075	.00159	.00027	.00007	.00003	.00048	.00006

%RSD	7.0216	464.89	9.3077	.31738	372.83	1.6309	558.17
#1	.01124	.00147	.00273	.02106	-.00003	.02992	.00003
#2	.01018	-.00078	.00311	.02097	.00001	.02924	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.588	.00067	.02519	.00120	.09408	.00162	-.00123
SDev	.469	.00003	.00069	.00005	.00981	.00004	.00053
%RSD	.64579	4.0020	2.7478	4.2873	10.432	2.3286	43.607
#1	72.919	.00069	.02568	.00124	.10102	.00159	-.00161
#2	72.257	.00065	.02470	.00117	.08714	.00164	-.00085

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00397	2.0253	.60411	.00344	.11466	.19745	.33845
SDev	.00034	.0128	.00365	.00004	.00062	.00267	.00543
%RSD	8.4863	.63076	.60354	1.1314	.54171	1.3520	1.6054
#1	.00421	2.0343	.60669	.00347	.11510	.19934	.34230
#2	.00373	2.0162	.60153	.00341	.11422	.19556	.33461

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00063	179.97	139.78	.28258	-.00028	.00001	-.00027
SDev	.00003	1.79	.99	.00208	.00254	.00063	.00010
%RSD	5.1115	.99229	.70627	.73540	897.57	8383.5	36.009
#1	-.00065	181.24	140.48	.28405	.00151	-.00044	-.00034
#2	-.00060	178.71	139.08	.28111	-.00208	.00046	-.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	4.6538	-.00258	-.00055	.00304	.00443
SDev	.00009	.0286	.00192	.00176	.00201	.00050
%RSD	10.110	.61522	74.326	318.87	66.145	11.269
#1	.00098	4.6740	-.00122	-.00180	.00446	.00408
#2	.00085	4.6335	-.00393	.00069	.00162	.00479

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25384	--	--	--	--	--	--
SDev	84.14571	--	--	--	--	--	--
%RSD	.3314846	--	--	--	--	--	--
#1	25325	--	--	--	--	--	--
#2	25444	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49487-a-1-b Operator: SRP
Run Time: 01/31/12 08:30:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00705	-.00014	.00012	.00294	-.00003	.01602	-.00016
SDev	.00126	.00021	.00181	.00004	.00000	.00028	.00016
%RSD	17.916	150.34	1495.0	1.2137	12.843	1.7544	99.875
#1	.00615	.00001	.00140	.00297	-.00003	.01622	-.00005
#2	.00794	-.00028	-.00116	.00292	-.00002	.01582	-.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.849	-.00034	-.00009	.00068	-.02051	.02168	-.00062
SDev	.413	.00000	.00008	.00028	.00687	.00008	.00090
%RSD	.61712	.23555	86.773	41.019	33.501	.38369	145.35
#1	67.141	-.00034	-.00004	.00088	-.01565	.02173	.00002
#2	66.557	-.00034	-.00015	.00048	-.02537	.02162	-.00125

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	3.1937	.00934	.00312	.00261	1.2398	2.4314
SDev	.00037	.0154	.00003	.00004	.00030	.0225	.0100
%RSD	23.861	.48140	.33696	1.2205	11.317	1.8112	.40947
#1	.00128	3.2046	.00936	.00314	.00240	1.2557	2.4385
#2	.00180	3.1828	.00932	.00309	.00282	1.2239	2.4244

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	171.62	134.70	.01087	-.00197	-.00105	-.00024
SDev	.00027	.76	.57	.00003	.00339	.00082	.00002

%RSD	34.254	.44263	.41971	.29895	172.13	78.362	7.9943
#1	-.00061	172.15	135.10	.01090	-.00436	-.00047	-.00025
#2	-.00100	171.08	134.31	.01085	.00043	-.00163	-.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00650	.00177	-.00167	-.00009	.00044	.00209
SDev	.00015	.00002	.00100	.00084	.00126	.00008
%RSD	2.3908	.82726	60.024	943.59	287.43	3.8608
#1	.00639	.00178	-.00096	.00051	-.00045	.00214
#2	.00661	.00176	-.00238	-.00069	.00133	.00203

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25317	--	--	--	--	--	--
SDev	84.85281	--	--	--	--	--	--
%RSD	.3351614	--	--	--	--	--	--
#1	25257	--	--	--	--	--	--
#2	25377	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49487-a-1-c ms Operator: SRP
Run Time: 01/31/12 08:34:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.597	1.0193	1.0486	1.0256	.52269	1.0584	.50452
SDev	.161	.0138	.0152	.0122	.00811	.0128	.00885
%RSD	1.5151	1.3532	1.4493	1.1869	1.5512	1.2114	1.7532
#1	10.710	1.0290	1.0593	1.0342	.52843	1.0675	.51077
#2	10.483	1.0095	1.0378	1.0170	.51696	1.0493	.49826

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.141	1.0145	1.0233	1.0593	10.223	.56688	1.0169
SDev	1.349	.0169	.0164	.0140	.191	.00664	.0154
%RSD	1.7487	1.6614	1.6006	1.3231	1.8685	1.1717	1.5165
#1	78.095	1.0264	1.0349	1.0692	10.358	.57158	1.0278
#2	76.187	1.0026	1.0117	1.0494	10.087	.56219	1.0060

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0602	13.351	1.0132	1.0470	1.0716	14.067	3.5291
SDev	.0119	.236	.0162	.0156	.0199	.158	.0563
%RSD	1.1190	1.7689	1.5968	1.4897	1.8568	1.1227	1.5945
#1	1.0686	13.518	1.0246	1.0580	1.0856	14.179	3.5689
#2	1.0518	13.184	1.0017	1.0359	1.0575	13.955	3.4894

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52466	186.45	145.69	.52193	1.0475	1.0482	1.0300
SDev	.00804	2.93	1.92	.00655	.0140	.0237	.0143
%RSD	1.5326	1.5720	1.3204	1.2557	1.3386	2.2656	1.3910
#1	.53035	188.52	147.05	.52657	1.0574	1.0650	1.0402
#2	.51898	184.37	144.33	.51730	1.0376	1.0314	1.0199

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0472	1.0446	1.0097	1.0205	1.0606	1.0601
SDev	.0160	.0159	.0116	.0173	.0145	.0106
%RSD	1.5277	1.5195	1.1509	1.6973	1.3635	.99665
#1	1.0585	1.0558	1.0179	1.0327	1.0708	1.0675
#2	1.0359	1.0334	1.0015	1.0082	1.0504	1.0526

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25144	--	--	--	--	--	--
SDev	373.3524	--	--	--	--	--	--
%RSD	1.484857	--	--	--	--	--	--
#1	24880	--	--	--	--	--	--
#2	25408	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49505-b-1-b Operator: SRP
Run Time: 01/31/12 08:38:00
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14660	.00054	9.2744	.00347	.00002	.02001	-.00374
SDev	.00504	.00079	.0292	.00011	.00002	.00089	.00043
%RSD	3.4398	144.59	.31434	3.1675	88.951	4.4326	11.476
#1	.15017	.00110	9.2538	.00354	.00001	.02064	-.00404
#2	.14304	-.00001	9.2950	.00339	.00004	.01939	-.00343

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21447	.00092	11.954	.00070	.76414	-.00008	.00046
SDev	.00639	.00042	.044	.00047	.07401	.00004	.00057
%RSD	2.9777	45.051	.36659	67.528	9.6848	51.931	124.80
#1	.20996	.00122	11.923	.00104	.71181	-.00011	.00005
#2	.21899	.00063	11.985	.00037	.81647	-.00005	.00086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00159	-.00592	.01999	1.9606	.03833	-.01969	.63200
SDev	.00092	.00233	.00002	.0086	.00279	.00175	.00154
%RSD	57.924	39.336	.07627	.43657	7.2759	8.8898	.24320

#1	-.00094	-.00757	.01998	1.9546	.03636	-.02093	.63308
#2	-.00225	-.00427	.02000	1.9667	.04030	-.01846	.63091

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	174.43	134.97	.00084	-.00441	.00393	.00023
SDev	.00193	.54	1.09	.00001	.00131	.00441	.00010
%RSD	410.89	.31110	.80480	1.4324	29.704	112.28	44.922
#1	-.00090	174.81	135.74	.00084	-.00348	.00081	.00030
#2	.00184	174.04	134.20	.00083	-.00533	.00704	.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00556	-.00204	.00171	.00335	-.00406
SDev	.00046	.00013	.00042	.00065	.00561	.00142
%RSD	545.55	2.3879	20.420	37.967	167.62	34.978
#1	.00041	.00547	-.00234	.00125	.00731	-.00507
#2	-.00024	.00566	-.00175	.00217	-.00062	-.00306

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26021	--	--	--	--	--	--
SDev	326.6833	--	--	--	--	--	--
%RSD	1.255460	--	--	--	--	--	--
#1	25790	--	--	--	--	--	--
#2	26252	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49505-b-1-c ms Operator: SRP

Run Time: 01/31/12 08:41:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.533	1.0082	10.317	1.0251	.51589	1.0401	.50250
SDev	.036	.0051	.041	.0039	.00185	.0035	.00181
%RSD	.34448	.50934	.39817	.38283	.35909	.33962	.35936
#1	10.559	1.0118	10.346	1.0279	.51720	1.0426	.50378
#2	10.508	1.0046	10.288	1.0223	.51458	1.0376	.50122

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.460	1.0065	12.887	1.0459	10.907	.53579	1.0111
SDev	.035	.0030	.042	.0031	.055	.00178	.0014
%RSD	.33342	.29545	.32961	.29176	.50779	.33308	.13353
#1	10.485	1.0086	12.918	1.0480	10.946	.53705	1.0121
#2	10.436	1.0044	12.857	1.0437	10.868	.53453	1.0102

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0490	9.9947	1.0154	2.9938	1.1193	12.632	1.5895
SDev	.0013	.0343	.0036	.0049	.0002	.051	.0027
%RSD	.12615	.34285	.35099	.16376	.01935	.40538	.17231
#1	1.0481	10.019	1.0179	2.9973	1.1195	12.668	1.5914
#2	1.0499	9.9705	1.0129	2.9903	1.1192	12.596	1.5876

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51598	190.33	147.00	.51081	1.0331	1.0334	1.0172
SDev	.00130	.58	.36	.00188	.0006	.0037	.0035
%RSD	.25301	.30662	.24414	.36871	.06060	.35751	.34152
#1	.51691	190.75	147.26	.51214	1.0327	1.0360	1.0197
#2	.51506	189.92	146.75	.50947	1.0335	1.0308	1.0148

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0253	1.0398	.99768	1.0179	1.0439	1.0516
SDev	.0046	.0040	.00141	.0027	.0005	.0017
%RSD	.45114	.38741	.14157	.26835	.04988	.16402
#1	1.0286	1.0427	.99668	1.0198	1.0435	1.0504
#2	1.0220	1.0370	.99868	1.0159	1.0442	1.0528

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25861	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.0492167	--	--	--	--	--	--
#1	25852	--	--	--	--	--	--

#2	25870	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-71108/1-b Operator: SRP
Run Time: 01/31/12 08:45:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00302	-.00000	.00621	.00340	.00004	.01196	-.00001
SDev	.00172	.00044	.00024	.00004	.00002	.00071	.00003
%RSD	57.013	72110.	3.9220	1.1454	44.535	5.9475	233.30
#1	.00180	-.00031	.00638	.00343	.00005	.01247	-.00003
#2	.00423	.00031	.00604	.00337	.00003	.01146	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09779	.00013	.00040	.00410	-.02361	-.00022	.00032
SDev	.00081	.00028	.00067	.00008	.02221	.00003	.00021
%RSD	.82419	216.64	166.25	1.8813	94.068	12.283	67.667

#1	.09722	.00033	-.00007	.00415	-.03931	-.00024	.00047
#2	.09836	-.00007	.00087	.00404	-.00790	-.00020	.00017

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00266	-.02005	.00047	.01096	-.00022	-.15347	.01345
SDev	.00059	.00036	.00002	.00328	.00000	.01132	.00035
%RSD	22.357	1.8042	5.0215	29.959	2.1406	7.3749	2.6038
#1	.00224	-.02031	.00048	.01328	-.00021	-.16147	.01370
#2	.00308	-.01980	.00045	.00864	-.00022	-.14547	.01320

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	.46971	.48432	.00024	.00531	.00066	.00024
SDev	.00020	.06082	.00013	.00000	.00442	.00025	.00010
%RSD	33.495	12.948	.02663	1.2456	83.132	37.176	41.035
#1	-.00076	.42671	.48441	.00025	.00844	.00049	.00031
#2	-.00047	.51272	.48423	.00024	.00219	.00084	.00017

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00465	-.00343	.00219	-.00042	.00419
SDev	.00029	.00001	.00092	.00078	.00089	.00044
%RSD	83.068	.20061	26.873	35.738	214.28	10.623
#1	.00055	.00464	-.00408	.00274	-.00105	.00388
#2	.00014	.00465	-.00277	.00164	.00021	.00451

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26317	--	--	--	--	--	--
SDev	148.4924	--	--	--	--	--	--

%RSD	.5642453	--	--	--	--	--	--
#1	26422	--	--	--	--	--	--
#2	26212	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49415-b-5-b Operator: SRP
Run Time: 01/31/12 08:49:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03677	-.00102	.00547	.11606	-.00001	.02624	.00000
SDev	.00103	.00197	.00165	.00022	.00002	.00016	.00021
%RSD	2.8048	192.43	30.241	.18907	163.65	.61031	10505.
#1	.03749	.00037	.00664	.11622	.00000	.02635	.00015
#2	.03604	-.00242	.00430	.11591	-.00002	.02612	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	148.53	.00106	.00091	.00747	11.171	.00041	.00034
SDev	.47	.00031	.00004	.00015	.033	.00001	.00080
%RSD	.31464	29.430	4.2896	2.0611	.29233	2.1973	234.94
#1	148.86	.00128	.00088	.00757	11.194	.00042	-.00022
#2	148.20	.00084	.00093	.00736	11.148	.00040	.00090

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	3.8258	1.2400	.00351	.01290	.48184	.61405
SDev	.00368	.0100	.0035	.00067	.00037	.00708	.00224
%RSD	908.80	.26009	.28480	19.062	2.8663	1.4693	.36451
#1	-.00220	3.8328	1.2425	.00398	.01316	.48685	.61563
#2	.00301	3.8187	1.2375	.00304	.01264	.47683	.61246

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	3.6232	3.5342	.49619	-.00411	.00119	-.00048
SDev	.00003	.0375	.0106	.00118	.00003	.00094	.00005
%RSD	4.4278	1.0344	.29988	.23812	.75216	79.376	9.9067
#1	-.00073	3.6497	3.5417	.49702	-.00413	.00052	-.00044
#2	-.00068	3.5967	3.5267	.49535	-.00409	.00185	-.00051

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.00799	-.00098	.00100	-.00200	.00161
SDev	.00036	.00016	.00048	.00096	.00264	.00421
%RSD	29.694	2.0459	49.228	95.376	131.50	261.25
#1	.00145	.00810	-.00133	.00033	-.00387	-.00136
#2	.00095	.00787	-.00064	.00168	-.00014	.00458

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25864	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	.2132475	--	--	--	--	--	--
#1	25825	--	--	--	--	--	--
#2	25903	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49415-b-5-c ms Operator: SRP
Run Time: 01/31/12 08:53:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.368	1.0070	1.0335	1.1350	.51419	1.0502	.49228
SDev	.042	.0043	.0028	.0041	.00201	.0033	.00224

%RSD	.40177	.42626	.27476	.35787	.39176	.31402	.45463
#1	10.398	1.0101	1.0315	1.1379	.51561	1.0525	.49386
#2	10.339	1.0040	1.0355	1.1322	.51276	1.0478	.49070

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	153.82	.99768	1.0039	1.0396	20.951	.51421	.99898
SDev	.65	.00427	.0038	.0035	.090	.00194	.00483
%RSD	.42378	.42804	.37706	.33753	.42877	.37702	.48330
#1	154.28	1.0007	1.0065	1.0421	21.015	.51558	1.0024
#2	153.36	.99466	1.0012	1.0372	20.888	.51284	.99557

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0485	13.809	2.1904	1.0292	1.0843	11.552	1.5712
SDev	.0055	.057	.0082	.0002	.0050	.042	.0074
%RSD	.52600	.41537	.37238	.01781	.45677	.36093	.47005
#1	1.0524	13.850	2.1961	1.0293	1.0878	11.581	1.5764
#2	1.0446	13.768	2.1846	1.0290	1.0808	11.522	1.5660

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51853	14.255	14.488	1.0028	1.0160	1.0296	1.0226
SDev	.00229	.119	.052	.0035	.0016	.0038	.0029
%RSD	.44235	.83593	.36005	.34932	.16195	.37258	.27996
#1	.52016	14.339	14.525	1.0053	1.0148	1.0323	1.0246
#2	.51691	14.170	14.451	1.0003	1.0172	1.0268	1.0206

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0296	1.0125	.98735	1.0048	1.0363	1.0546
SDev	.0043	.0048	.00423	.0051	.0151	.0007
%RSD	.41655	.47549	.42804	.51044	1.4549	.06960
#1	1.0326	1.0159	.99034	1.0084	1.0469	1.0551
#2	1.0266	1.0091	.98436	1.0012	1.0256	1.0541

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25584	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.1962305	--	--	--	--	--	--
#1	25549	--	--	--	--	--	--
#2	25620	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49415-b-6-b Operator: SRP
Run Time: 01/31/12 08:57:16
Comment: TRACE 61E

Analysis Report 01/31/12 09:01:04 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07752	.00033	.00422	.10679	.00008	.02869	-.00013
SDev	.00080	.00103	.00099	.00011	.00002	.00006	.00004
%RSD	1.0277	306.58	23.516	.10353	24.092	.19755	31.656
#1	.07696	-.00039	.00492	.10687	.00006	.02873	-.00010
#2	.07809	.00106	.00351	.10672	.00009	.02865	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.36	.00165	.00051	.00051	8.2086	.00027	.00078
SDev	.17	.00012	.00012	.00012	.0147	.00001	.00026
%RSD	.16401	7.0388	23.190	24.114	.17916	3.2209	33.599
#1	102.48	.00173	.00059	.00060	8.2190	.00026	.00096
#2	102.24	.00157	.00043	.00042	8.1982	.00027	.00059

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	3.0053	.83011	.00555	.00732	.36329	.71313
SDev	.00007	.0069	.00144	.00165	.00017	.00183	.00001
%RSD	10.200	.23059	.17326	29.682	2.2910	.50351	.00143
#1	.00060	3.0102	.83113	.00672	.00720	.36458	.71314
#2	.00069	3.0004	.82909	.00439	.00743	.36199	.71312

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	6.4412	6.0688	.34391	.00528	.00194	.00018
SDev	.00000	.0997	.0242	.00069	.00236	.00016	.00027
%RSD	.05765	1.5480	.39906	.20161	44.702	8.3677	149.19
#1	-.00055	6.5117	6.0859	.34440	.00695	.00183	.00037
#2	-.00055	6.3707	6.0517	.34342	.00361	.00206	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.05732	-.00013	.00123	.00074	.00059
SDev	.00027	.00026	.00139	.00030	.00237	.00129
%RSD	26.606	.45305	1092.4	24.548	318.91	216.50
#1	.00122	.05750	.00085	.00102	.00242	-.00032

#2	.00083	.05714	-.00111	.00144	-.00093	.00150	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26134	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.1055201	--	--	--	--	--	--
#1	26154	--	--	--	--	--	--
#2	26115	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 09:01:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5416	.50166	.50369	.50456	.51362	.50218	.50678
SDev	.0146	.00229	.00312	.00230	.00188	.00222	.00116
%RSD	.57371	.45604	.61965	.45535	.36694	.44206	.22902
#1	2.5519	.50328	.50590	.50619	.51496	.50375	.50760
#2	2.5313	.50004	.50148	.50294	.51229	.50061	.50596

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.725	.50340	.50511	.51091	2.5468	.47467	.50248
SDev	.048	.00140	.00198	.00244	.0067	.00246	.00319
%RSD	.37444	.27877	.39184	.47806	.26314	.51830	.63416
#1	12.759	.50440	.50651	.51264	2.5516	.47641	.50474
#2	12.692	.50241	.50371	.50918	2.5421	.47293	.50023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51522	5.0595	.50001	.51161	.53791	12.140	.94960
SDev	.00258	.0252	.00208	.00148	.00439	.080	.00530
%RSD	.50093	.49849	.41681	.28982	.81610	.66128	.55762
#1	.51704	5.0774	.50148	.51056	.54102	12.196	.95334
#2	.51339	5.0417	.49854	.51266	.53481	12.083	.94586

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25195	12.625	12.075	.25180	.51081	.51678	.51244
SDev	.00075	.109	.070	.00109	.00066	.00167	.00221
%RSD	.29734	.86649	.58343	.43300	.12841	.32239	.43202
#1	.25248	12.703	12.125	.25257	.51128	.51796	.51401
#2	.25142	12.548	12.026	.25103	.51035	.51560	.51088

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51025	.51116	.49693	.50526	.50759	.51909
SDev	.00167	.00236	.00392	.00282	.00150	.00462

%RSD	.32815	.46276	.78917	.55794	.29553	.89031
#1	.51144	.51284	.49970	.50726	.50653	.52236
#2	.50907	.50949	.49415	.50327	.50865	.51582

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25906	--	--	--	--	--	--

Analysis Report Blank Sample 01/31/12 09:04:55 AM page 16

SDev	95.45942	--	--	--	--	--	--
%RSD	.3684767	--	--	--	--	--	--
#1	25839	--	--	--	--	--	--
#2	25974	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 09:04:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01682	.00015	-.00049	.00031	.00032	.00273	.00025
SDev	.00533	.00021	.00140	.00004	.00010	.00038	.00026
%RSD	31.665	146.80	285.54	13.093	30.787	14.137	103.33
#1	.02059	.00030	.00050	.00028	.00025	.00300	.00007
#2	.01306	-.00001	-.00148	.00034	.00039	.00245	.00043

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01581	.00029	.00009	.00001	-.00819	.00013	.00032
SDev	.00404	.00055	.00048	.00029	.01251	.00004	.00022
%RSD	25.517	191.84	544.96	3125.0	152.78	32.709	68.312
#1	.01296	.00067	-.00025	.00021	-.01703	.00010	.00048
#2	.01867	-.00010	.00043	-.00020	.00066	.00017	.00017

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	-.00224	.00032	.00321	.00048	-.09946	-.00557
SDev	.00192	.00238	.00002	.00080	.00062	.01438	.00236
%RSD	78.885	106.21	7.3498	24.763	130.02	14.454	42.397
#1	.00379	-.00056	.00030	.00378	.00004	-.08929	-.00390
#2	.00108	-.00392	.00034	.00265	.00091	-.10963	-.00724

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.02161	.00419	.00013	.00590	.00074	.00043
SDev	.00027	.03161	.00057	.00002	.00204	.00253	.00006
%RSD	96.657	146.28	13.696	12.747	34.560	341.19	15.154
#1	-.00047	-.00074	.00378	.00012	.00735	-.00105	.00048
#2	-.00009	.04397	.00460	.00014	.00446	.00253	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	-.00139	.00001	.00048	.00233	.00249
SDev	.00027	.00014	.00086	.00076	.00017	.00280
%RSD	67.986	10.229	16665.	158.12	7.3060	112.49
#1	.00059	-.00149	-.00060	.00101	.00245	.00446
#2	.00021	-.00129	.00061	-.00006	.00221	.00051

Analysis Report Blank Sample 01/31/12 09:08:47 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25995	--	--	--	--	--	--
SDev	212.1320	--	--	--	--	--	--
%RSD	.8160494	--	--	--	--	--	--
#1	25845	--	--	--	--	--	--
#2	26145	--	--	--	--	--	--

Analysis Report 01/31/12 09:14:16 AM page 1

Method: 20076010 Sample Name: mb 600-71164/1-a Operator: SRP
Run Time: 01/31/12 09:10:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00947	.00051	-.00061	.00476	-.00001	.00092	-.00012
SDev	.00202	.00086	.00005	.00002	.00003	.00017	.00006
%RSD	21.351	169.73	8.4698	.47293	475.23	18.166	53.926
#1	.01090	-.00010	-.00065	.00478	-.00003	.00080	-.00007
#2	.00804	.00111	-.00057	.00475	.00001	.00104	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01802	.00025	-.00069	.00019	-.01822	-.00029	-.00048
SDev	.00010	.00003	.00001	.00034	.00760	.00001	.00054
%RSD	.54855	10.172	.75632	177.22	41.726	4.2032	113.23
#1	.01809	.00026	-.00069	.00043	-.01284	-.00028	-.00086
#2	.01795	.00023	-.00068	-.00005	-.02360	-.00030	-.00009

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	-.03346	.00054	.00174	.00028	-.16307	-.00385
SDev	.00288	.00219	.00002	.00043	.00052	.00447	.00173
%RSD	178.67	6.5594	4.3632	24.793	183.61	2.7391	45.059
#1	.00365	-.03191	.00053	.00205	.00065	-.15991	-.00262
#2	-.00042	-.03501	.00056	.00144	-.00008	-.16623	-.00507

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	-.00675	-.00190	.00031	-.00091	.02872	.00035
SDev	.00021	.04528	.00072	.00001	.00093	.00123	.00004

%RSD	33.588	670.42	38.093	3.8318	102.25	4.2925	11.598
#1	-.00047	.02527	-.00139	.00031	-.00157	.02785	.00037
#2	-.00076	-.03877	-.00241	.00032	-.00025	.02959	.00032

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.01633	.00006	-.00074	-.00263	.00373
SDev	.00017	.00005	.00122	.00020	.00069	.00398
%RSD	100.57	.30877	2149.6	26.909	26.130	106.64
#1	-.00029	.01630	-.00080	-.00088	-.00214	.00655
#2	-.00005	.01637	.00092	-.00060	-.00311	.00092

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26242	--	--	--	--	--	--
SDev	122.3295	--	--	--	--	--	--
%RSD	.4661502	--	--	--	--	--	--

#1	26156	--	--	--	--	--	--
#2	26329	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71164/2-a Operator: SRP
Run Time: 01/31/12 09:14:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.295	.75641	1.4078	2.7389	1.5646	.85622	.69305
SDev	.106	.00848	.0040	.0051	.0048	.00224	.00089
%RSD	.11646	1.1210	.28257	.18654	.30809	.26190	.12894
#1	91.220	.75041	1.4050	2.7353	1.5612	.85463	.69242
#2	91.370	.76240	1.4106	2.7425	1.5680	.85780	.69368

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.511	1.0419	1.4186	1.1113	180.45	.09030	1.4240
SDev	.135	.0019	.0016	.0013	.19	.00018	.0043
%RSD	.14273	.17999	.11133	.11657	.10327	.19847	.29863
#1	94.416	1.0406	1.4175	1.1104	180.32	.09017	1.4210
#2	94.606	1.0433	1.4197	1.1122	180.58	.09042	1.4270

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9596	42.177	5.1467	.92404	1.3467	50.019	7.6759
SDev	.0099	.052	.0079	.00118	.0047	.082	.0165
%RSD	.50718	.12265	.15414	.12809	.35037	.16346	.21556
#1	1.9526	42.140	5.1411	.92320	1.3500	49.961	7.6642
#2	1.9667	42.214	5.1524	.92488	1.3434	50.077	7.6876

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47317	3.6841	6.7690	2.4670	1.6854	1.6739	3.9589
SDev	.00085	.1389	.0152	.0042	.0033	.0030	.0094
%RSD	.17879	3.7696	.22493	.16974	.19430	.17683	.23785
#1	.47257	3.7823	6.7582	2.4641	1.6831	1.6718	3.9522
#2	.47377	3.5859	6.7797	2.4700	1.6877	1.6760	3.9655

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65128	2.2819	1.3939	1.4391	1.9419	1.9685
SDev	.00197	.0050	.0023	.0052	.0058	.0120
%RSD	.30257	.21850	.16577	.36297	.29937	.60968
#1	.64989	2.2783	1.3922	1.4354	1.9378	1.9600
#2	.65268	2.2854	1.3955	1.4428	1.9460	1.9770

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 09:18:07 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28504	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0347302	--	--	--	--	--	--
#1	28511	--	--	--	--	--	--
#2	28497	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-1-c Operator: SRP
Run Time: 01/31/12 09:18:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.97	.00513	.08478	1.7774	.01046	.07819	.00823
SDev	.09	.00278	.00299	.0012	.00003	.00023	.00022
%RSD	.04028	54.108	3.5304	.06925	.30282	.30045	2.6464
#1	218.03	.00710	.08690	1.7783	.01048	.07836	.00839
#2	217.90	.00317	.08266	1.7765	.01044	.07803	.00808

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1148.2	.18959	.07847	.21005	150.06	.12512	.26521
SDev	1.7	.00045	.00002	.00061	.10	.00005	.00087
%RSD	.14651	.23719	.01869	.29237	.06913	.03692	.32723
#1	1149.4	.18991	.07848	.21048	150.13	.12508	.26459
#2	1147.0	.18927	.07846	.20961	149.98	.12515	.26582

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00600	30.849	8.1736	.00335	.20434	26.740	9.8439
SDev	.00124	.018	.0051	.00134	.00082	.054	.0058
%RSD	20.619	.05733	.06271	39.933	.39950	.20282	.05872
#1	-.00513	30.862	8.1772	.00429	.20492	26.702	9.8480

#2	-.00688	30.837	8.1700	.00240	.20376	26.778	9.8398

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00214	2.0243	2.3679	3.7293	-.00742	.04215	.21773
SDev	.00030	.0376	.0016	.0029	.00214	.00140	.00036
%RSD	14.109	1.8562	.06858	.07662	28.910	3.3262	.16609
#1	-.00236	1.9977	2.3667	3.7314	-.00590	.04314	.21799
#2	-.00193	2.0509	2.3690	3.7273	-.00894	.04116	.21748

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41277	.85092	.21410	.29076	-.00188	-.00807
SDev	.00063	.00008	.00127	.00067	.00270	.00051
%RSD	.15302	.00892	.59418	.22894	143.64	6.2844
#1	.41321	.85097	.21320	.29029	.00003	-.00771

#2	.41232	.85086	.21500	.29123	-.00379	-.00842	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28498	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1116582	--	--	--	--	--	--
#1	28475	--	--	--	--	--	--
#2	28520	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-2-c Operator: SRP
Run Time: 01/31/12 09:22:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	247.74	.00142	.08064	1.8993	.01288	.09790	.00764
SDev	1.23	.00101	.00158	.0089	.00005	.00027	.00021
%RSD	.49714	71.263	1.9608	.46884	.41815	.27892	2.7242
#1	248.61	.00213	.08176	1.9056	.01292	.09809	.00779
#2	246.87	.00070	.07952	1.8930	.01284	.09771	.00749

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	798.94	.21116	.09475	.21014	170.08	.13800	.19657
SDev	4.48	.00113	.00034	.00053	.90	.00069	.00157
%RSD	.56075	.53510	.35359	.25310	.52653	.49881	.80040
#1	802.10	.21196	.09498	.21051	170.72	.13848	.19768
#2	795.77	.21036	.09451	.20976	169.45	.13751	.19546

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01067	35.034	8.9395	.00131	.22855	29.187	8.1813
SDev	.00312	.172	.0461	.00029	.00053	.128	.0368
%RSD	29.284	.48953	.51544	22.459	.23340	.44017	.44994

#1	-.00846	35.155	8.9721	.00151	.22893	29.278	8.2073
#2	-.01288	34.913	8.9069	.00110	.22817	29.096	8.1553

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00230	2.8335	3.2236	2.2965	-.01444	.03533	.20953
SDev	.00014	.0355	.0139	.0109	.00100	.00129	.00077
%RSD	6.1067	1.2535	.42979	.47311	6.9010	3.6648	.36837

#1	-.00220	2.8586	3.2334	2.3042	-.01515	.03625	.21007
#2	-.00240	2.8084	3.2138	2.2888	-.01374	.03442	.20898

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43645	.64804	.14228	.22371	-.00568	-.01316

SDev	.00232	.00278	.00260	.00106	.00305	.00316
%RSD	.53113	.42912	1.8237	.47499	53.764	24.002

#1	.43809	.65001	.14412	.22446	-.00352	-.01093
#2	.43481	.64607	.14045	.22296	-.00784	-.01540

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30872	--	--	--	--	--	--
SDev	153.4422	--	--	--	--	--	--
%RSD	.4970350	--	--	--	--	--	--

#1	30763	--	--	--	--	--	--
#2	30980	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-3-b Operator: SRP
Run Time: 01/31/12 09:25:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	197.10	.00106	.12251	1.5869	.00980	.53605	.00759
SDev	.39	.00213	.00097	.0009	.00004	.00096	.00007
%RSD	.19915	201.73	.79241	.05664	.44122	.17909	.88000

#1	196.82	-.00045	.12319	1.5862	.00977	.53537	.00763
#2	197.38	.00256	.12182	1.5875	.00983	.53673	.00754

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1143.7	.16950	.08912	.26936	140.44	.11453	.21093
SDev	7.2	.00066	.00019	.00071	.63	.00001	.00195
%RSD	.62559	.39194	.21752	.26214	.44626	.00652	.92632

#1	1138.7	.16903	.08898	.26886	139.99	.11453	.20955
#2	1148.8	.16997	.08926	.26986	140.88	.11452	.21231

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00772	30.318	10.066	.00271	.20893	31.586	12.519

SDev	.00009	.126	.047	.00008	.00047	.031	.048
%RSD	1.1090	.41537	.46313	3.0257	.22255	.09661	.38066
#1	-.00778	30.229	10.033	.00277	.20926	31.565	12.485
#2	-.00766	30.407	10.099	.00266	.20860	31.608	12.553

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00203	3.2671	3.8789	3.8950	-.01374	.03849	.39473
SDev	.00055	.0839	.0027	.0054	.00372	.00053	.00155
%RSD	27.172	2.5682	.06885	.13910	27.113	1.3714	.39267
#1	-.00164	3.3264	3.8770	3.8911	-.01110	.03886	.39363
#2	-.00242	3.2078	3.8808	3.8988	-.01637	.03812	.39582

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40668	.72927	.16602	.23339	-.00657	-.00830
SDev	.00210	.00368	.00083	.00252	.00141	.00058
%RSD	.51725	.50464	.49998	1.0780	21.439	6.9450
#1	.40519	.72666	.16544	.23161	-.00757	-.00789
#2	.40817	.73187	.16661	.23517	-.00558	-.00870

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28056	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1134174	--	--	--	--	--	--
#1	28033	--	--	--	--	--	--
#2	28078	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-4-c Operator: SRP
Run Time: 01/31/12 09:29:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	179.26	.00276	.08165	1.5006	.00861	.21995	.00759
SDev	1.06	.00075	.00020	.0094	.00005	.00100	.00039
%RSD	.58959	27.296	.24093	.62965	.57772	.45313	5.1833
#1	180.00	.00223	.08151	1.5073	.00864	.22065	.00787
#2	178.51	.00330	.08178	1.4939	.00857	.21924	.00731

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1451.3	.15561	.07771	.33915	128.11	.11019	.15243
SDev	8.0	.00117	.00058	.00229	.71	.00072	.00030
%RSD	.55077	.75175	.74894	.67593	.55305	.65387	.19748
#1	1457.0	.15644	.07813	.34077	128.61	.11070	.15264
#2	1445.7	.15478	.07730	.33753	127.60	.10968	.15222

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00217	30.323	10.473	.00167	.18882	33.606	13.830
SDev	.00120	.168	.057	.00093	.00197	.203	.072
%RSD	55.400	.55292	.54494	55.690	1.0438	.60530	.52043
#1	-.00132	30.442	10.514	.00233	.19022	33.750	13.881
#2	-.00303	30.205	10.433	.00101	.18743	33.462	13.780

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00195	2.6294	3.2169	5.6166	-.01458	.03489	.40425
SDev	.00001	.1668	.0195	.0333	.00196	.00115	.00229

%RSD	.53818	6.3433	.60652	.59259	13.469	3.2960	.56692
#1	-.00195	2.7473	3.2307	5.6402	-.01319	.03571	.40587
#2	-.00194	2.5114	3.2031	5.5931	-.01597	.03408	.40263

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.32745	.65698	.11176	.17277	.00051	-.00352	
SDev	.00175	.00382	.00162	.00036	.00070	.00146	
%RSD	.53430	.58161	1.4506	.20783	136.17	41.407	
#1	.32869	.65968	.11291	.17251	.00101	-.00249	
#2	.32621	.65428	.11061	.17302	.00002	-.00455	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27388	--	--	--	--	--	--
SDev	166.1701	--	--	--	--	--	--
%RSD	.6067370	--	--	--	--	--	--
#1	27270	--	--	--	--	--	--
#2	27505	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-6-c Operator: SRP
Run Time: 01/31/12 09:33:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	266.71	.00087	.08883	2.3903	.01200	.02717	.00986
SDev	2.69	.00238	.00009	.0241	.00011	.00014	.00046
%RSD	1.0092	274.53	.10064	1.0063	.91048	.50526	4.6782
#1	264.80	-.00082	.08889	2.3733	.01193	.02727	.00953
#2	268.61	.00255	.08876	2.4073	.01208	.02708	.01019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1432.5	.20281	.12358	.10925	174.28	.16556	.16107
SDev	12.6	.00212	.00159	.00147	1.85	.00184	.00264
%RSD	.87763	1.0435	1.2882	1.3487	1.0633	1.1121	1.6411
#1	1423.6	.20131	.12246	.10821	172.97	.16426	.15920
#2	1441.4	.20431	.12471	.11029	175.59	.16686	.16294

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01751	29.841	12.492	-.00071	.24754	20.511	9.8419
SDev	.00114	.335	.125	.00036	.00202	.217	.1000
%RSD	6.4891	1.1229	1.0023	50.568	.81710	1.0591	1.0165
#1	-.01831	29.605	12.404	-.00097	.24611	20.358	9.7712
#2	-.01670	30.078	12.581	-.00046	.24897	20.665	9.9126

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00307	1.2717	1.6454	3.0235	-.01749	.03290	.20591
SDev	.00034	.0105	.0169	.0304	.00036	.00234	.00212
%RSD	10.995	.82347	1.0295	1.0070	2.0608	7.1176	1.0272
#1	-.00331	1.2643	1.6335	3.0020	-.01723	.03124	.20441
#2	-.00283	1.2791	1.6574	3.0451	-.01774	.03455	.20741

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54139	.45607	.10538	.18892	-.01010	-.02121
SDev	.00562	.00516	.00568	.00113	.00613	.00136
%RSD	1.0379	1.1305	5.3863	.59657	60.705	6.4172
#1	.53742	.45243	.10137	.18812	-.01443	-.02025
#2	.54537	.45972	.10940	.18971	-.00576	-.02217

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28234	--	--	--	--	--	--
SDev	197.2828	--	--	--	--	--	--
%RSD	.6987543	--	--	--	--	--	--
#1	28373	--	--	--	--	--	--
#2	28094	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-7-c Operator: SRP
Run Time: 01/31/12 09:37:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	256.96	-.00182	.08282	2.5064	.01240	.04360	.00835
SDev	.22	.00202	.00031	.0019	.00002	.00081	.00016
%RSD	.08584	111.27	.37224	.07623	.11792	1.8559	1.9706
#1	257.11	-.00039	.08304	2.5078	.01239	.04302	.00847
#2	256.80	-.00325	.08260	2.5051	.01241	.04417	.00824

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1239.4	.20118	.11618	.13784	168.86	.15222	.16543
SDev	2.4	.00039	.00030	.00040	.23	.00017	.00101
%RSD	.19613	.19580	.25739	.29109	.13517	.11516	.60739

#1	1241.1	.20146	.11639	.13812	169.02	.15235	.16614
#2	1237.7	.20091	.11597	.13756	168.70	.15210	.16472

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01173	35.430	13.181	-.00016	.25406	21.154	9.7175
SDev	.00187	.055	.016	.00044	.00122	.001	.0108
%RSD	15.947	.15416	.11855	280.33	.47895	.00277	.11123

#1	-.01041	35.468	13.192	.00015	.25492	21.155	9.7251
#2	-.01305	35.391	13.170	-.00046	.25320	21.154	9.7098

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00262	1.2449	1.4887	2.6181	-.01549	.03175	.18906
SDev	.00024	.0504	.0006	.0017	.00142	.00217	.00009
%RSD	9.0222	4.0476	.03742	.06651	9.1397	6.8246	.04676

#1	-.00246	1.2805	1.4891	2.6193	-.01449	.03328	.18912
#2	-.00279	1.2093	1.4883	2.6168	-.01649	.03021	.18900

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51052	.48643	.11215	.19207	-.01020	-.01249
SDev	.00039	.00087	.00369	.00034	.00355	.00103
%RSD	.07593	.17796	3.2900	.17579	34.855	8.2312

#1	.51080	.48704	.11476	.19183	-.00768	-.01177
#2	.51025	.48582	.10954	.19231	-.01271	-.01322

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28908	--	--	--	--	--	--
SDev	65.76093	--	--	--	--	--	--
%RSD	.2274796	--	--	--	--	--	--

#1	28862	--	--	--	--	--	--
#2	28955	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-8-c Operator: SRP
Run Time: 01/31/12 09:41:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	234.70	.00184	.16729	3.4204	.01340	.01597	.01282
SDev	.80	.00295	.00059	.0099	.00005	.00049	.00012
%RSD	.34149	160.45	.34946	.28882	.34502	3.0379	.90537

#1	235.26	.00392	.16771	3.4274	.01343	.01631	.01290
#2	234.13	-.00025	.16688	3.4134	.01336	.01562	.01274

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1340.9	.19929	.17851	.15608	259.18	.13529	.21524
SDev	4.7	.00065	.00080	.00062	.87	.00034	.00211

%RSD	.35174	.32811	.44938	.39460	.33647	.24813	.98026
#1	1344.2	.19975	.17907	.15652	259.79	.13553	.21673
#2	1337.6	.19883	.17794	.15565	258.56	.13505	.21375

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 01/31/12 09:45:04 AM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02434	27.661	22.853	.00134	.39932	21.387	7.3669
SDev	.00117	.095	.073	.00015	.00053	.082	.0216
%RSD	4.8201	.34187	.31840	11.427	.13382	.38366	.29257
#1	-.02517	27.728	22.905	.00144	.39970	21.445	7.3822
#2	-.02351	27.595	22.802	.00123	.39894	21.329	7.3517

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00314	2.0833	2.3575	3.6498	-.02486	.02823	.14975
SDev	.00025	.0984	.0060	.0097	.00335	.00002	.00044
%RSD	8.1097	4.7229	.25284	.26550	13.459	.07647	.29487
#1	-.00296	2.1529	2.3618	3.6566	-.02722	.02825	.15007
#2	-.00332	2.0137	2.3533	3.6429	-.02249	.02822	.14944

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79125	.70822	.16149	.24211	-.02056	-.02624
SDev	.00217	.00243	.00038	.00298	.00008	.00180
%RSD	.27439	.34306	.23364	1.2293	.41059	6.8691
#1	.79278	.70993	.16176	.24422	-.02050	-.02751
#2	.78971	.70650	.16122	.24001	-.02062	-.02496

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29668	--	--	--	--	--	--
SDev	75.66042	--	--	--	--	--	--
%RSD	.2550194	--	--	--	--	--	--
#1	29615	--	--	--	--	--	--
#2	29722	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-9-c Operator: SRP
Run Time: 01/31/12 09:45:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	318.43	.00063	.11408	3.1853	.01561	.02608	.00939
SDev	.45	.00154	.00223	.0058	.00001	.00023	.00009
%RSD	.14100	244.05	1.9575	.18142	.06417	.88319	.91730
#1	318.75	.00173	.11566	3.1894	.01561	.02624	.00945
#2	318.12	-.00046	.11250	3.1812	.01562	.02592	.00933

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1117.9	.25313	.14591	.15837	223.78	.15727	.21720
SDev	1.6	.00055	.00050	.00002	.23	.00030	.00111
%RSD	.13991	.21815	.34316	.01347	.10382	.18746	.51210

Analysis Report 01/31/12 09:48:55 AM page 11

#1	1119.0	.25352	.14627	.15836	223.94	.15748	.21798
#2	1116.8	.25273	.14556	.15839	223.61	.15706	.21641

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02227	32.754	15.357	-.00004	.29231	26.661	9.0203
SDev	.00216	.041	.023	.00074	.00011	.030	.0106
%RSD	9.7055	.12650	.14724	1992.2	.03788	.11402	.11722
#1	-.02380	32.783	15.373	.00048	.29223	26.682	9.0278
#2	-.02074	32.724	15.341	-.00056	.29239	26.639	9.0129

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00302	1.1672	1.4246	2.7985	-.01993	.03175	.18348
SDev	.00003	.0254	.0024	.0042	.00083	.00115	.00025
%RSD	1.0790	2.1724	.16898	.14923	4.1635	3.6249	.13515
#1	-.00304	1.1851	1.4263	2.8014	-.01934	.03257	.18366
#2	-.00300	1.1493	1.4229	2.7955	-.02051	.03094	.18331

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.69061	.57488	.15075	.25042	-.01875	-.02403
SDev	.00055	.00106	.00135	.00099	.00320	.00164
%RSD	.07893	.18400	.89661	.39637	17.072	6.8325
#1	.69100	.57563	.15170	.25112	-.02101	-.02520
#2	.69022	.57413	.14979	.24972	-.01648	-.02287

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30232	--	--	--	--	--	--
SDev	75.66042	--	--	--	--	--	--
%RSD	.2502619	--	--	--	--	--	--
#1	30179	--	--	--	--	--	--
#2	30286	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 09:48:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5435	.49346	.50144	.50341	.50715	.49804	.50055
SDev	.0049	.00146	.00066	.00185	.00109	.00141	.00081
%RSD	.19292	.29608	.13130	.36737	.21421	.28256	.16284
#1	2.5470	.49242	.50098	.50210	.50638	.49704	.49998

#2	2.5401	.49449	.50191	.50472	.50792	.49903	.50113

Analysis Report Blank Sample 01/31/12 09:52:46 AM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.690	.49812	.49903	.50800	2.5215	.47370	.49768
SDev	.019	.00075	.00076	.00124	.0013	.00131	.00084
%RSD	.15174	.15072	.15227	.24467	.05329	.27684	.16781
#1	12.703	.49759	.49850	.50712	2.5225	.47277	.49709
#2	12.676	.49865	.49957	.50888	2.5206	.47462	.49827

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50624	4.9916	.49442	.50674	.52148	12.105	.95867
SDev	.00746	.0061	.00074	.00208	.00199	.047	.00518
%RSD	1.4728	.12146	.14918	.41109	.38241	.38530	.54061
#1	.50097	4.9873	.49389	.50527	.52007	12.072	.96233
#2	.51151	4.9959	.49494	.50821	.52289	12.138	.95501

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25005	12.530	12.020	.24968	.50701	.51074	.51037
SDev	.00027	.136	.039	.00085	.00016	.00181	.00134
%RSD	.10870	1.0855	.32799	.34016	.03214	.35459	.26250
#1	.24986	12.434	11.992	.24908	.50689	.50946	.50942
#2	.25024	12.627	12.048	.25028	.50712	.51202	.51132

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50574	.50579	.48805	.50249	.49800	.51042
SDev	.00121	.00108	.00139	.00056	.00803	.00717
%RSD	.23905	.21331	.28573	.11054	1.6126	1.4045
#1	.50488	.50502	.48706	.50210	.49232	.50535
#2	.50659	.50655	.48903	.50289	.50368	.51549

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25947	--	--	--	--	--	--
SDev	124.4508	--	--	--	--	--	--
%RSD	.4796346	--	--	--	--	--	--
#1	26035	--	--	--	--	--	--
#2	25859	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 09:52:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01957	.00112	.00133	.00033	.00020	.00252	.00021
SDev	.00169	.00042	.00090	.00001	.00005	.00013	.00023

Analysis Report Blank Sample 01/31/12 09:56:38 AM page 13

%RSD	8.6619	37.641	67.610	3.8402	26.141	5.3204	108.60
#1	.02077	.00082	.00070	.00032	.00016	.00243	.00005
#2	.01837	.00142	.00197	.00034	.00023	.00262	.00038
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03503	.00083	-.00019	.00009	-.01365	.00007	-.00012
SDev	.00028	.00014	.00079	.00003	.02771	.00005	.00102
%RSD	.79921	17.130	423.58	29.008	202.93	65.205	839.54
#1	.03483	.00073	-.00074	.00011	-.03324	.00004	-.00084
#2	.03522	.00093	.00037	.00007	.00594	.00010	.00060
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	-.00422	.00056	.00220	.00047	-.09001	-.00107
SDev	.00114	.00271	.00005	.00023	.00085	.01109	.00110
%RSD	60.711	64.193	9.5632	10.248	179.42	12.316	103.04
#1	.00270	-.00613	.00052	.00236	-.00013	-.09785	-.00029
#2	.00108	-.00230	.00060	.00205	.00107	-.08217	-.00184
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.00208	.00148	.00013	.00281	-.00098	.00050
SDev	.00080	.07933	.00157	.00002	.00236	.00125	.00009
%RSD	251.18	3815.8	105.72	15.140	84.160	128.50	17.099
#1	-.00089	-.05402	.00037	.00012	.00448	-.00186	.00044
#2	.00025	.05818	.00259	.00015	.00114	-.00009	.00056
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00069	-.00200	-.00155	.00059	.00118	.00224	
SDev	.00000	.00014	.00274	.00016	.00233	.00055	
%RSD	.20310	6.8600	177.37	27.001	196.86	24.683	
#1	.00069	-.00210	-.00349	.00048	.00283	.00263	
#2	.00069	-.00191	.00039	.00070	-.00046	.00185	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26186	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.1053146	--	--	--	--	--	--
#1	26205	--	--	--	--	--	--
#2	26166	--	--	--	--	--	--

Analysis Report 01/31/12 10:01:04 AM page 1

Method: 20076010 Sample Name: 600-49417-b-10-b Operator: SRP
Run Time: 01/31/12 09:57:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	274.92	.00026	.12911	3.0086	.01504	.03424	.00777
SDev	.30	.00103	.00071	.0051	.00001	.00019	.00004
%RSD	.10934	397.53	.54970	.16841	.07333	.54221	.55666
#1	275.13	.00099	.12961	3.0122	.01504	.03437	.00780
#2	274.71	-.00047	.12861	3.0050	.01505	.03410	.00774

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	511.81	.23205	.13338	.18289	206.78	.14174	.21811
SDev	.05	.00032	.00045	.00013	.17	.00028	.00053
%RSD	.00999	.13871	.33416	.07231	.08164	.19605	.24334
#1	511.84	.23182	.13369	.18299	206.90	.14194	.21773
#2	511.77	.23228	.13306	.18280	206.66	.14155	.21848

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01166	40.726	14.590	.00071	.28973	29.010	5.3060
SDev	.00045	.013	.008	.00017	.00025	.050	.0031
%RSD	3.8193	.03089	.05257	23.613	.08777	.17090	.05748
#1	-.01197	40.735	14.595	.00059	.28991	29.045	5.3082
#2	-.01134	40.717	14.584	.00082	.28955	28.975	5.3039

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00290	.88774	1.0577	1.5148	-.01863	.03197	.15972
SDev	.00034	.07669	.0027	.0022	.00156	.00047	.00004
%RSD	11.811	8.6393	.25547	.14714	8.3501	1.4822	.02680
#1	-.00266	.94197	1.0596	1.5163	-.01753	.03164	.15975
#2	-.00314	.83351	1.0558	1.5132	-.01973	.03231	.15969

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57699	.58828	.15928	.24752	-.00714	-.01392
SDev	.00056	.00081	.00238	.00198	.00027	.00080
%RSD	.09798	.13748	1.4927	.80193	3.7525	5.7612
#1	.57739	.58885	.16096	.24612	-.00695	-.01448
#2	.57659	.58770	.15760	.24892	-.00733	-.01335

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31205	--	--	--	--	--	--
SDev	73.53911	--	--	--	--	--	--
%RSD	.2356645	--	--	--	--	--	--

#1	31153	--	--	--	--	--	--
#2	31257	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-11-b Operator: SRP

Run Time: 01/31/12 10:01:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	288.05	.00021	.13285	2.6366	.01551	.03515	.00838
SDev	.25	.00309	.00397	.0028	.00002	.00035	.00017
%RSD	.08756	1504.8	2.9874	.10655	.11118	.99761	2.0598
#1	288.23	-.00198	.13005	2.6385	.01552	.03540	.00850
#2	287.88	.00239	.13566	2.6346	.01550	.03490	.00825

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	625.23	.24122	.13458	.18866	211.86	.15033	.22200
SDev	.56	.00009	.00080	.00010	.26	.00011	.00009
%RSD	.08894	.03536	.59217	.05021	.12239	.07374	.04192
#1	625.62	.24128	.13514	.18859	212.04	.15041	.22194
#2	624.83	.24116	.13402	.18873	211.67	.15025	.22207

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01543	42.111	13.149	.00031	.27940	30.675	6.4689
SDev	.00235	.051	.012	.00016	.00126	.017	.0059
%RSD	15.198	.12108	.08855	53.892	.45180	.05573	.09176
#1	-.01377	42.147	13.157	.00042	.28030	30.687	6.4731
#2	-.01709	42.075	13.141	.00019	.27851	30.663	6.4647

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00255	1.1302	1.1862	1.6481	-.01958	.03350	.15920
SDev	.00049	.1029	.0019	.0020	.00482	.00233	.00039
%RSD	19.094	9.1039	.16259	.12156	24.628	6.9457	.24426
#1	-.00221	1.2030	1.1876	1.6495	-.01617	.03515	.15948
#2	-.00290	1.0575	1.1849	1.6466	-.02299	.03186	.15893

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59593	.60792	.16097	.25252	-.01481	-.01575
SDev	.00086	.00063	.00146	.00087	.00230	.00237
%RSD	.14473	.10377	.90648	.34420	15.562	15.026
#1	.59654	.60837	.16200	.25191	-.01318	-.01407
#2	.59532	.60748	.15994	.25314	-.01644	-.01742

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 10:04:55 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31654	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1563704	--	--	--	--	--	--
#1	31619	--	--	--	--	--	--

#2	31689	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-12-c Operator: SRP
Run Time: 01/31/12 10:04:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	246.20	.00031	.11181	3.0078	.01344	.86044	.00808
SDev	.20	.00186	.00195	.0039	.00003	.00177	.00015
%RSD	.08235	600.09	1.7414	.13072	.19006	.20607	1.8180
#1	246.34	.00162	.11043	3.0106	.01345	.86169	.00797
#2	246.05	-.00100	.11319	3.0050	.01342	.85918	.00818

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	979.50	.20083	.17902	.17265	182.88	.13412	.20745
SDev	.95	.00093	.00012	.00021	.17	.00011	.00030
%RSD	.09720	.46441	.06686	.12414	.09408	.08326	.14547
#1	980.17	.20149	.17911	.17280	183.00	.13420	.20723
#2	978.83	.20017	.17894	.17250	182.76	.13405	.20766

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01835	31.153	15.983	.00030	.27090	25.988	8.1593
SDev	.00075	.046	.019	.00036	.00052	.003	.0083
%RSD	4.1101	.14832	.11913	119.20	.19260	.01177	.10139
#1	-.01888	31.186	15.996	.00055	.27126	25.990	8.1651
#2	-.01781	31.121	15.969	.00005	.27053	25.986	8.1534

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00287	2.7602	3.1132	2.4826	-.02463	.02967	.17929
SDev	.00005	.0142	.0016	.0026	.00184	.00111	.00012
%RSD	1.7240	.51515	.05069	.10424	7.4618	3.7342	.06821
#1	-.00284	2.7702	3.1121	2.4845	-.02333	.03045	.17937
#2	-.00291	2.7501	3.1143	2.4808	-.02592	.02889	.17920

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59049	.49046	.15527	.23354	-.01556	-.01974
SDev	.00079	.00060	.00185	.00047	.00208	.00009
%RSD	.13419	.12175	1.1926	.20262	13.358	.46502
#1	.59105	.49088	.15396	.23387	-.01703	-.01981

#2	.58993	.49004	.15658	.23320	-.01409	-.01968	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31156	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0113477	--	--	--	--	--	--

#1	31154	--	--	--	--	--	--
#2	31159	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-13-e Operator: SRP
Run Time: 01/31/12 10:08:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	293.67	.00241	.11923	2.9830	.01692	.03630	.00779
SDev	.42	.00170	.00053	.0032	.00004	.00036	.00008
%RSD	.14449	70.463	.44368	.10761	.22990	.99184	1.0684
#1	293.97	.00121	.11885	2.9853	.01695	.03655	.00784
#2	293.37	.00362	.11960	2.9807	.01690	.03604	.00773

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	378.95	.25742	.16485	.19741	229.02	.14211	.24015
SDev	.68	.00063	.00025	.00075	.36	.00012	.00045
%RSD	.17944	.24499	.15245	.37994	.15667	.08757	.18635
#1	379.43	.25787	.16503	.19794	229.28	.14219	.23983
#2	378.47	.25698	.16467	.19688	228.77	.14202	.24046

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01404	40.158	16.838	-.00042	.32820	25.859	5.1666
SDev	.00158	.085	.026	.00084	.00096	.002	.0085
%RSD	11.223	.21247	.15495	200.48	.29351	.00881	.16444
#1	-.01293	40.218	16.857	.00018	.32888	25.861	5.1727
#2	-.01515	40.097	16.820	-.00102	.32752	25.858	5.1606

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00304	1.0809	1.2578	1.1301	-.02387	.03343	.21963
SDev	.00039	.0213	.0002	.0009	.00251	.00210	.00031
%RSD	12.647	1.9690	.01803	.08332	10.529	6.2906	.13957
#1	-.00277	1.0960	1.2580	1.1308	-.02565	.03492	.21985
#2	-.00332	1.0659	1.2577	1.1295	-.02209	.03194	.21941

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63404	.61814	.17959	.27042	-.01363	-.01424

SDev	.00081	.00072	.00146	.00140	.00476	.00002	
%RSD	.12734	.11674	.81411	.51856	34.941	.13030	
#1	.63461	.61865	.18063	.26943	-.01027	-.01426	
#2	.63347	.61763	.17856	.27141	-.01700	-.01423	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33451	--	--	--	--	--	--

SDev	120.2082	--	--	--	--	--	--
%RSD	.3593559	--	--	--	--	--	--
#1	33366	--	--	--	--	--	--
#2	33536	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-13-f du Operator: SRP
Run Time: 01/31/12 10:12:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	280.91	.00019	.11412	3.1600	.01650	.03448	.00805
SDev	.07	.00320	.00147	.0008	.00000	.00045	.00002
%RSD	.02351	1643.4	1.2846	.02390	.01197	1.3037	.21475
#1	280.86	-.00207	.11515	3.1605	.01650	.03480	.00806
#2	280.95	.00246	.11308	3.1595	.01650	.03416	.00804

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	462.91	.24336	.16350	.19732	218.66	.13909	.24696
SDev	.28	.00026	.00032	.00007	.07	.00006	.00018
%RSD	.05946	.10888	.19874	.03498	.03174	.04418	.07371
#1	463.10	.24355	.16373	.19737	218.71	.13904	.24683
#2	462.71	.24317	.16327	.19728	218.61	.13913	.24708

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01325	38.156	17.052	-.00064	.31884	25.292	4.8751
SDev	.00431	.008	.009	.00058	.00002	.018	.0020
%RSD	32.562	.02000	.05422	90.655	.00602	.07047	.04073
#1	-.01630	38.162	17.058	-.00105	.31882	25.279	4.8736
#2	-.01020	38.151	17.045	-.00023	.31885	25.305	4.8765

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00331	1.0218	1.3106	1.1459	-.02365	.03214	.21948
SDev	.00000	.0070	.0008	.0000	.00181	.00066	.00008
%RSD	.07869	.68981	.05933	.00071	7.6389	2.0674	.03595
#1	-.00331	1.0168	1.3100	1.1459	-.02237	.03261	.21942
#2	-.00331	1.0268	1.3111	1.1459	-.02493	.03167	.21954

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63608	.58157	.18683	.27702	-.01758	-.01108
SDev	.00007	.00032	.00156	.00105	.00416	.00439
%RSD	.01175	.05593	.83486	.38010	23.642	39.639
#1	.63613	.58180	.18793	.27627	-.02052	-.01419
#2	.63602	.58134	.18573	.27776	-.01464	-.00798

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	33616	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.0862415	--	--	--	--	--	--
#1	33596	--	--	--	--	--	--
#2	33637	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-13-g ms Operator: SRP
Run Time: 01/31/12 10:16:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	344.63	.22265	.82419	4.4724	.37618	.35796	.35177
SDev	.42	.00318	.00269	.0031	.00008	.00016	.00055
%RSD	.12125	1.4292	.32682	.07016	.02219	.04605	.15561
#1	344.34	.22490	.82610	4.4702	.37624	.35785	.35216
#2	344.93	.22040	.82229	4.4746	.37613	.35808	.35138

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	370.44	.98336	.87660	1.0096	253.17	.60070	.95032
SDev	.29	.00038	.00054	.0015	.08	.00068	.00080
%RSD	.07720	.03862	.06136	.14914	.03085	.11253	.08368
#1	370.64	.98309	.87622	1.0086	253.22	.60022	.94976
#2	370.24	.98363	.87698	1.0107	253.11	.60118	.95089

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64328	51.432	20.524	.52804	1.0571	38.128	9.2868
SDev	.00362	.003	.007	.00015	.0020	.016	.0095
%RSD	.56237	.00654	.03566	.02762	.19038	.04223	.10228
#1	.64583	51.434	20.529	.52794	1.0586	38.117	9.2801
#2	.64072	51.430	20.519	.52814	1.0557	38.140	9.2935

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38564	10.425	11.019	1.5540	.69044	.69344	.39310
SDev	.00012	.100	.013	.0010	.00110	.00275	.00020

%RSD	.03143	.95594	.11517	.06327	.15927	.39663	.05175
#1	.38573	10.495	11.010	1.5533	.68966	.69539	.39295
#2	.38556	10.354	11.028	1.5547	.69121	.69150	.39324

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4008	1.3699	.86664	.99216	.62875	.65054
SDev	.0000	.0005	.00436	.00337	.00003	.00541
%RSD	.00293	.03677	.50247	.33968	.00418	.83212
#1	1.4008	1.3703	.86972	.98978	.62877	.65437
#2	1.4008	1.3696	.86356	.99455	.62873	.64671

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33016	--	--	--	--	--	--
SDev	58.68986	--	--	--	--	--	--
%RSD	.1777646	--	--	--	--	--	--
#1	32974	--	--	--	--	--	--
#2	33057	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-13-h msd Operator: SRP
Run Time: 01/31/12 10:20:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	334.15	.21721	.81108	4.0811	.36626	.35595	.34232
SDev	.22	.00089	.00120	.0021	.00030	.00042	.00020
%RSD	.06677	.41160	.14802	.05163	.08085	.11777	.05965
#1	334.31	.21784	.81023	4.0826	.36605	.35566	.34246
#2	334.00	.21658	.81193	4.0796	.36647	.35625	.34217

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	450.35	.95089	.85955	.96833	245.65	.59494	.93377
SDev	.20	.00046	.00042	.00055	.07	.00086	.00160
%RSD	.04420	.04878	.04925	.05725	.02905	.14548	.17150
#1	450.20	.95121	.85925	.96872	245.60	.59555	.93264
#2	450.49	.95056	.85985	.96793	245.70	.59432	.93491

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63520	49.840	19.569	.51349	1.0293	38.189	9.4974
SDev	.00635	.007	.007	.00097	.0034	.056	.0017
%RSD	.99987	.01486	.03341	.18912	.32832	.14733	.01757
#1	.63071	49.835	19.564	.51417	1.0269	38.229	9.4986
#2	.63969	49.845	19.573	.51280	1.0317	38.149	9.4963

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37512	10.265	11.149	1.5419	.67292	.66896	.42425
SDev	.00053	.151	.022	.0006	.00086	.00248	.00012
%RSD	.14094	1.4691	.19743	.04129	.12774	.37142	.02704
#1	.37549	10.371	11.164	1.5423	.67231	.67071	.42433
#2	.37475	10.158	11.133	1.5414	.67353	.66720	.42417

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3635	1.3276	.85249	.97442	.62586	.63986
SDev	.0007	.0001	.00054	.00213	.00505	.00700
%RSD	.05072	.00763	.06304	.21895	.80769	1.0939
#1	1.3630	1.3275	.85211	.97291	.62229	.63491
#2	1.3640	1.3277	.85287	.97592	.62944	.64481

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34433	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--
%RSD	.0205357	--	--	--	--	--	--
#1	34428	--	--	--	--	--	--
#2	34438	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49417-b-14-c Operator: SRP
Run Time: 01/31/12 10:24:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	271.71	.00113	.14929	2.7381	.01465	.03607	.00875
SDev	.13	.00106	.00052	.0034	.00004	.00060	.00002
%RSD	.04629	93.647	.35144	.12254	.28863	1.6602	.17693
#1	271.62	.00187	.14966	2.7358	.01468	.03649	.00877
#2	271.80	.00038	.14891	2.7405	.01462	.03564	.00874

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	631.60	.23726	.14172	.18079	204.37	.14457	.22357
SDev	3.01	.00103	.00001	.00006	.53	.00041	.00146
%RSD	.47596	.43590	.00412	.03379	.25880	.28298	.65289
#1	633.73	.23799	.14172	.18083	204.75	.14428	.22460
#2	629.48	.23653	.14172	.18075	204.00	.14486	.22254

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01056	37.507	14.957	.00113	.29911	29.187	9.9299
SDev	.00218	.098	.039	.00099	.00139	.064	.0070
%RSD	20.626	.26012	.26406	87.700	.46419	.21936	.07057

#1	-.00902	37.576	14.985	.00184	.30009	29.142	9.9348
#2	-.01211	37.438	14.929	.00043	.29813	29.232	9.9249

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00312	.78642	1.0810	1.6743	-.01424	.03382	.18726
SDev	.00004	.02378	.0011	.0013	.00573	.00072	.00020
%RSD	1.1680	3.0241	.09966	.07688	40.231	2.1243	.10679
#1	-.00310	.76960	1.0817	1.6734	-.01019	.03331	.18740
#2	-.00315	.80323	1.0802	1.6752	-.01829	.03433	.18712

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59739	.59632	.16398	.25337	-.00833	-.01168
SDev	.00144	.00157	.00032	.00235	.00311	.00171
%RSD	.24080	.26389	.19203	.92629	37.303	14.677

#1	.59841	.59743	.16375	.25503	-.00613	-.01047
#2	.59637	.59521	.16420	.25171	-.01053	-.01289

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33822	--	--	--	--	--	--
SDev	111.0158	--	--	--	--	--	--
%RSD	.3282402	--	--	--	--	--	--
#1	33743	--	--	--	--	--	--
#2	33900	--	--	--	--	--	--

Analysis Report Blank Sample 01/31/12 10:40:00 AM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 10:36:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4903	.49288	.49899	.49986	.50336	.49425	.49997
SDev	.0036	.00165	.00017	.00038	.00008	.00018	.00011
%RSD	.14312	.33444	.03469	.07616	.01630	.03637	.02115
#1	2.4878	.49405	.49887	.50013	.50330	.49413	.50005
#2	2.4928	.49172	.49912	.49960	.50342	.49438	.49990

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.570	.49505	.49481	.50248	2.5036	.47074	.49468
SDev	.005	.00051	.00003	.00021	.0001	.00010	.00033
%RSD	.04045	.10336	.00618	.04183	.00541	.02019	.06661
#1	12.566	.49469	.49479	.50233	2.5035	.47067	.49491
#2	12.574	.49541	.49483	.50263	2.5037	.47080	.49445

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50466	4.9562	.48966	.50325	.52290	12.078	.94047
SDev	.00099	.0031	.00023	.00024	.00026	.001	.00173
%RSD	.19611	.06301	.04719	.04854	.05056	.00864	.18432
#1	.50536	4.9540	.48950	.50342	.52271	12.078	.93924
#2	.50396	4.9584	.48982	.50308	.52309	12.077	.94170

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24943	12.555	11.943	.24952	.50987	.50443	.50771
SDev	.00023	.012	.018	.00029	.00654	.00164	.00026
%RSD	.09388	.09438	.14969	.11528	1.2828	.32496	.05220
#1	.24926	12.563	11.930	.24972	.50525	.50327	.50753
#2	.24960	12.546	11.956	.24932	.51449	.50559	.50790

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50246	.50391	.48441	.49982	.49272	.51069
SDev	.00026	.00095	.00232	.00067	.00025	.00136
%RSD	.05086	.18843	.47864	.13305	.05088	.26614

#1	.50228	.50324	.48605	.49935	.49290	.51165
#2	.50264	.50459	.48277	.50029	.49254	.50973

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25816	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1232585	--	--	--	--	--	--

#1	25793	--	--	--	--	--
#2	25838	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 10:40:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01916	.00180	.00064	.00037	.00022	.00232	.00018
SDev	.00317	.00109	.00151	.00008	.00004	.00077	.00030
%RSD	16.538	60.679	238.00	22.009	19.821	33.219	169.11
#1	.01692	.00257	.00171	.00031	.00019	.00178	.00039
#2	.02140	.00102	-.00043	.00042	.00025	.00287	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03044	.00043	-.00076	-.00049	-.05345	.00018	-.00025
SDev	.01261	.00028	.00121	.00007	.04915	.00007	.00002
%RSD	41.437	65.218	158.99	14.857	91.956	38.332	9.0820
#1	.02152	.00023	.00009	-.00054	-.01870	.00023	-.00024
#2	.03936	.00062	-.00161	-.00044	-.08821	.00013	-.00027

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00186	-.00587	.00074	.00199	-.00033	-.09355	-.00511
SDev	.00055	.00968	.00021	.00159	.00069	.04055	.00084
%RSD	29.526	164.99	27.864	79.548	207.63	43.339	16.488
#1	.00147	.00098	.00060	.00312	.00015	-.06488	-.00571
#2	.00224	-.01271	.00089	.00087	-.00082	-.12223	-.00452

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00146	-.27415	.00208	.00015	.00299	-.00142	.00050
SDev	.00111	.28012	.00308	.00005	.00302	.00274	.00012
%RSD	76.158	102.18	148.33	33.260	101.17	193.55	23.063
#1	-.00067	-.07607	.00426	.00011	.00512	.00052	.00042
#2	-.00225	-.47222	-.00010	.00018	.00085	-.00335	.00058

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00050	-.00195	-.00420	.00172	-.00289	.00423
SDev	.00041	.00000	.00427	.00210	.00565	.00365
%RSD	81.904	.04846	101.77	122.23	195.15	86.166
#1	.00021	-.00195	-.00118	.00023	.00110	.00165
#2	.00079	-.00195	-.00722	.00320	-.00689	.00681

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/31/12 10:43:53 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26422	--	--	--	--	--	--
SDev	130.8148	--	--	--	--	--	--
%RSD	.4951072	--	--	--	--	--	--
#1	26329	--	--	--	--	--	--
#2	26514	--	--	--	--	--	--

Analysis Report 01/31/12 10:49:16 AM page 1

Method: 20076010 Sample Name: mb 600-70819/1-a Operator: SRP
Run Time: 01/31/12 10:45:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00583	-.00171	.00052	.00005	-.00013	.00135	-.00017
SDev	.00142	.00092	.00204	.00004	.00000	.00047	.00008
%RSD	24.295	53.581	394.22	95.040	3.2671	35.150	46.371
#1	.00483	-.00106	.00196	.00008	-.00013	.00101	-.00022
#2	.00684	-.00236	-.00093	.00001	-.00012	.00168	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01193	-.00020	-.00072	.00077	-.03438	-.00001	-.00049
SDev	.00021	.00028	.00029	.00016	.00342	.00002	.00062
%RSD	1.7727	140.10	39.364	20.878	9.9554	155.85	125.34
#1	-.01208	-.00000	-.00052	.00065	-.03680	-.00003	-.00093
#2	-.01178	-.00040	-.00093	.00088	-.03196	.00000	-.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	-.01016	-.00000	.00068	-.00072	-.06675	-.00382
SDev	.00055	.00207	.00000	.00029	.00008	.00899	.00051
%RSD	50.829	20.377	48.452	42.411	10.753	13.474	13.464
#1	.00148	-.01163	-.00000	.00047	-.00077	-.07311	-.00418
#2	.00070	-.00870	-.00000	.00088	-.00066	-.06039	-.00345

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	-.15715	.00138	-.00007	.00183	-.00203	.00001
SDev	.00003	.04767	.00054	.00000	.00217	.00127	.00002
%RSD	3.1381	30.334	39.065	1.1570	118.37	62.543	169.70

#1	-.00085	-.19085	.00100	-.00007	.00030	-.00113	.00002
#2	-.00081	-.12344	.00176	-.00008	.00336	-.00293	-.00000

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.00358	-.00120	-.00014	-.00056	.00191
SDev	.00009	.00004	.00046	.00116	.00081	.00123
%RSD	76.337	1.1535	38.684	849.00	143.29	64.430

#1	-.00018	.00355	-.00087	-.00095	-.00113	.00278
#2	-.00005	.00361	-.00153	.00068	.00001	.00104

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26024	--	--	--	--	--	--
SDev	166.1701	--	--	--	--	--	--
%RSD	.6385386	--	--	--	--	--	--

#1	26141	--	--	--	--	--	--
#2	25906	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70819/2-a Operator: SRP
Run Time: 01/31/12 10:49:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.267	1.0172	1.0402	1.0434	.52064	1.0333	.51670
SDev	.010	.0027	.0048	.0011	.00009	.0015	.00045
%RSD	.10119	.26859	.45916	.11010	.01708	.14786	.08683

#1	10.259	1.0153	1.0368	1.0426	.52058	1.0322	.51702
#2	10.274	1.0191	1.0435	1.0442	.52070	1.0344	.51639

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.433	1.0243	1.0269	1.0460	10.488	.48432	1.0239
SDev	.002	.0005	.0003	.0005	.010	.00002	.0024
%RSD	.02309	.04678	.03160	.04734	.09844	.00500	.23021

#1	10.435	1.0240	1.0267	1.0457	10.495	.48434	1.0256
#2	10.432	1.0246	1.0271	1.0464	10.480	.48430	1.0222

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0364	10.266	1.0169	1.0448	1.1262	10.084	.96325
SDev	.0033	.001	.0007	.0053	.0045	.012	.00061
%RSD	.31934	.01391	.06983	.50504	.39782	.11703	.06335

#1	1.0341	10.265	1.0164	1.0411	1.1294	10.092	.96282
#2	1.0388	10.267	1.0174	1.0486	1.1231	10.075	.96368

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.52323	9.9923	9.9658	.51978	1.0561	1.0303	1.0428
SDev	.00025	.0303	.0074	.00023	.0073	.0023	.0010
%RSD	.04764	.30279	.07397	.04527	.69212	.22078	.09438
#1	.52340	10.014	9.9710	.51961	1.0509	1.0287	1.0421
#2	.52305	9.9709	9.9606	.51994	1.0612	1.0319	1.0435

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0407	1.0463	.99831	1.0367	1.0038	1.0527
SDev	.0003	.0002	.00253	.0023	.0029	.0064
%RSD	.02827	.02054	.25352	.21898	.28960	.60964
#1	1.0405	1.0462	1.0001	1.0383	1.0058	1.0482
#2	1.0409	1.0465	.99652	1.0351	1.0017	1.0573

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25388	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.0752019	--	--	--	--	--	--
#1	25401	--	--	--	--	--	--
#2	25374	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49305-a-1-a Operator: SRP
Run Time: 01/31/12 10:53:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21655	.00043	.00012	.08478	-.00017	.03267	-.00015
SDev	.00358	.00142	.00033	.00007	.00002	.00067	.00008
%RSD	1.6515	331.38	285.84	.08871	14.624	2.0627	52.261
#1	.21908	.00143	.00035	.08483	-.00015	.03315	-.00020
#2	.21402	-.00058	-.00012	.08472	-.00019	.03219	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.139	.00046	-.00027	.00170	.11529	.00175	-.00035
SDev	.091	.00015	.00000	.00025	.00234	.00002	.00035
%RSD	.13785	32.715	.60753	14.820	2.0332	.88406	99.781
#1	66.203	.00056	-.00028	.00152	.11363	.00176	-.00010
#2	66.075	.00035	-.00027	.00187	.11694	.00174	-.00060

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00345	3.8277	.00723	.00524	.00096	2.6355	1.6175
SDev	.00293	.0034	.00010	.00192	.00015	.0039	.0045
%RSD	85.005	.08787	1.3966	36.651	15.325	.14676	.27976
#1	.00553	3.8301	.00730	.00660	.00086	2.6382	1.6207
#2	.00138	3.8253	.00716	.00388	.00107	2.6328	1.6143

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	21.672	20.067	.23873	.00682	.00010	.00454
SDev	.00022	.103	.006	.00008	.00523	.00075	.00038
%RSD	32.040	.47609	.03231	.03387	76.775	766.28	8.3457
#1	-.00052	21.745	20.072	.23878	.01052	.00063	.00481
#2	-.00083	21.599	20.063	.23867	.00312	-.00043	.00427

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	.01497	-.00204	.00049	.00212	.00412
SDev	.00025	.00002	.00098	.00004	.00139	.00510
%RSD	9.9479	.14720	48.184	7.7177	65.862	123.82
#1	.00230	.01495	-.00134	.00052	.00113	.00772

#2	.00265	.01498	-.00273	.00046	.00311	.00051

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24973	--	--	--	--	--	--
SDev	59.39697	--	--	--	--	--	--
%RSD	.2378447	--	--	--	--	--	--
#1	24931	--	--	--	--	--	--
#2	25015	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49305-a-2-a Operator: SRP
Run Time: 01/31/12 10:57:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17802	-.00011	.00086	.10906	-.00015	.10312	-.00018
SDev	.00067	.00068	.00069	.00037	.00003	.00068	.00005
%RSD	.37781	605.12	80.828	.33914	21.035	.66368	25.375
#1	.17754	-.00060	.00037	.10880	-.00013	.10263	-.00021
#2	.17849	.00037	.00135	.10933	-.00017	.10360	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	118.35	.00084	-.00017	.00096	.11052	.00238	.00037
SDev	.42	.00012	.00020	.00011	.00118	.00005	.00071
%RSD	.35462	14.895	115.70	11.172	1.0701	2.2140	190.71
#1	118.06	.00075	-.00031	.00103	.10968	.00234	.00087
#2	118.65	.00092	-.00003	.00088	.11135	.00242	-.00013

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	8.1883	.00965	.00476	.00081	2.6900	3.3379
SDev	.00084	.0247	.00004	.00008	.00043	.0193	.0122
%RSD	1881.5	.30129	.42850	1.5987	52.468	.71716	.36445

#1	-.00055	8.1709	.00962	.00471	.00051	2.6764	3.3293
#2	.00064	8.2057	.00968	.00481	.00111	2.7037	3.3465

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	49.425	45.050	.46573	.00135	-.00049	.00357
SDev	.00006	.168	.106	.00162	.00064	.00137	.00025
%RSD	9.1239	.33892	.23539	.34762	47.520	281.94	7.1116
#1	-.00064	49.306	44.975	.46458	.00180	-.00145	.00339
#2	-.00073	49.543	45.125	.46687	.00089	.00048	.00375

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00577	.06437	-.00009	.00060	.00252	-.00119

SDev	.00006	.00006	.00023	.00095	.00393	.00071
%RSD	1.0880	.09690	244.73	157.16	155.79	59.040
#1	.00581	.06432	.00007	.00127	-.00026	-.00070
#2	.00573	.06441	-.00025	-.00007	.00530	-.00169

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25566	--	--	--	--	--	--
SDev	108.1873	--	--	--	--	--	--
%RSD	.4231771	--	--	--	--	--	--
#1	25642	--	--	--	--	--	--
#2	25489	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49311-a-2-a Operator: SRP
Run Time: 01/31/12 11:00:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72745	.00051	.00335	.07842	-.00045	2.9330	.00012
SDev	.00040	.00269	.00131	.00015	.00002	.0001	.00003
%RSD	.05467	528.20	39.028	.18730	4.4018	.00366	24.316
#1	.72717	-.00139	.00243	.07852	-.00046	2.9331	.00010
#2	.72773	.00241	.00428	.07831	-.00043	2.9330	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.201	.01282	.00121	.01166	1.4827	.03457	.00181
SDev	.182	.00002	.00026	.00015	.0019	.00038	.00062
%RSD	.20837	.16032	21.372	1.2902	.12714	1.0904	34.278
#1	87.330	.01284	.00103	.01156	1.4841	.03484	.00225
#2	87.073	.01281	.00139	.01177	1.4814	.03430	.00137

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00779	11.588	.25330	.31926	.05212	54.362	9.9386
SDev	.00030	.030	.00029	.00201	.00011	.018	.0132

%RSD	3.9098	.25722	.11402	.62904	.20697	.03259	.13275
#1	.00758	11.609	.25351	.31784	.05204	54.375	9.9480
#2	.00801	11.567	.25310	.32068	.05220	54.350	9.9293

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	11950.	1268.0	.58948	.00533	.00868	.00714
SDev	.00020	50.	12.4	.00139	.00022	.00118	.00002
%RSD	47.920	.42258	.97858	.23597	4.2260	13.570	.22226
#1	-.00027	11985.	1276.8	.59046	.00517	.00951	.00713
#2	-.00055	11914.	1259.3	.58849	.00549	.00785	.00715

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00608	.20660	-.00121	.00332	.01281	.00529
SDev	.00000	.00021	.00318	.00066	.00400	.00246
%RSD	.01029	.10357	263.36	19.860	31.205	46.442
#1	.00608	.20675	.00104	.00285	.01563	.00355
#2	.00608	.20645	-.00346	.00379	.00998	.00702

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	19622	--	--	--	--	--	--
SDev	126.5721	--	--	--	--	--	--
%RSD	.6450356	--	--	--	--	--	--
#1	19533	--	--	--	--	--	--
#2	19712	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49311-a-3-a Operator: SRP
Run Time: 01/31/12 11:04:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16099	-.00014	.00236	.05763	-.00045	17.239	-.00019
SDev	.00754	.00180	.00392	.00010	.00002	.003	.00002
%RSD	4.6844	1314.0	166.00	.16810	3.9141	.02012	12.438
#1	.15565	.00113	-.00041	.05756	-.00047	17.236	-.00021
#2	.16632	-.00141	.00514	.05770	-.00044	17.241	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.219	.02146	.00316	.00649	.26360	.02377	.00776
SDev	.022	.00063	.00159	.00075	.06908	.00013	.00059
%RSD	.11430	2.9265	50.193	11.593	26.207	.53812	7.5554
#1	19.203	.02101	.00429	.00596	.31245	.02386	.00734
#2	19.234	.02190	.00204	.00702	.21476	.02368	.00817

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.01819	2.5736	.20027	1.6808	.20578	128.34	2.9174
SDev	.00326	.0015	.00011	.0049	.00035	.32	.0010
%RSD	17.920	.05697	.05411	.28859	.16948	.25080	.03351
#1	.02050	2.5746	.20019	1.6774	.20603	128.57	2.9167
#2	.01589	2.5726	.20034	1.6843	.20554	128.12	2.9181

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	21708.	1642.2	.14861	.00343	.01369	.00015
SDev	.00134	41.	3.3	.00004	.00591	.00373	.00031

%RSD	162.63	.18995	.20180	.02701	172.04	27.236	210.47
#1	.00012	21738.	1644.5	.14864	.00761	.01632	-.00007
#2	-.00177	21679.	1639.8	.14858	-.00074	.01105	.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.03367	.01018	.00655	.02590	.01434
SDev	.00075	.00036	.00501	.00338	.01215	.00119
%RSD	33.095	1.0573	49.156	51.673	46.924	8.2752
#1	.00173	.03341	.01372	.00415	.03450	.01350
#2	.00279	.03392	.00664	.00894	.01731	.01518

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16270	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0738810	--	--	--	--	--	--
#1	16262	--	--	--	--	--	--
#2	16279	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49311-a-5-a Operator: SRP
Run Time: 01/31/12 11:08:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68241	-.00534	.00208	.10914	-.00051	.67932	-.00025
SDev	.01817	.00026	.00568	.00227	.00000	.00740	.00011
%RSD	2.6630	4.8166	272.75	2.0805	.53087	1.0891	42.738
#1	.66956	-.00516	-.00193	.10753	-.00052	.67409	-.00018
#2	.69526	-.00552	.00610	.11074	-.00051	.68455	-.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.810	.00902	.00061	.01432	1.3260	.03552	.00675
SDev	1.806	.00096	.00016	.00038	.0349	.00075	.00021
%RSD	1.8850	10.597	25.675	2.6572	2.6305	2.1136	3.1926
#1	94.533	.00835	.00050	.01405	1.3014	.03499	.00659
#2	97.087	.00970	.00072	.01459	1.3507	.03605	.00690

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00534	11.890	.23416	.14550	.05962	45.494	10.836
SDev	.00109	.208	.00508	.00120	.00171	.987	.238
%RSD	20.362	1.7466	2.1679	.82727	2.8672	2.1704	2.1946
#1	.00611	11.744	.23057	.14465	.05841	44.796	10.668
#2	.00457	12.037	.23775	.14635	.06083	46.192	11.004

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00199	11226.	1242.4	.63481	.00277	.00657	.00608
SDev	.00008	146.	4.7	.01312	.00197	.00117	.00024
%RSD	4.1546	1.2980	.37458	2.0674	71.115	17.799	4.0038
#1	-.00194	11123.	1239.2	.62553	.00416	.00739	.00591
#2	-.00205	11329.	1245.7	.64409	.00138	.00574	.00625

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00503	.17216	.00469	.00778	.01305	.00149
SDev	.00070	.00375	.00334	.00135	.00118	.00104
%RSD	13.961	2.1787	71.158	17.298	9.0178	70.154
#1	.00454	.16951	.00233	.00873	.01388	.00222
#2	.00553	.17481	.00705	.00683	.01222	.00075

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	19776	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.2324186	--	--	--	--	--	--
#1	19808	--	--	--	--	--	--
#2	19743	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49311-a-6-a Operator: SRP
Run Time: 01/31/12 11:12:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28707	.00211	.00156	.06219	-.00042	5.7351	.00018
SDev	.00269	.00616	.00289	.00025	.00007	.0020	.00024
%RSD	.93694	291.71	185.35	.40487	16.229	.03567	130.06
#1	.28517	-.00224	-.00048	.06237	-.00046	5.7336	.00001
#2	.28897	.00647	.00360	.06201	-.00037	5.7365	.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.454	.02628	.00928	.08195	.87668	.02212	.04671
SDev	.190	.00124	.00088	.00041	.06444	.00025	.00104
%RSD	.97505	4.7277	9.5070	.50188	7.3507	1.1445	2.2321
#1	19.320	.02541	.00865	.08166	.83111	.02229	.04744

#2	19.588	.02716	.00990	.08224	.92225	.02194	.04597

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01426	2.6363	.38091	1.0797	.52190	77.513	4.5521
SDev	.00381	.0218	.00230	.0058	.00517	1.012	.0050
%RSD	26.750	.82593	.60289	.53473	.99109	1.3053	.10929

#1	.01156	2.6209	.37928	1.0756	.51825	78.229	4.5556
#2	.01696	2.6517	.38253	1.0838	.52556	76.798	4.5485

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00152	21236.	1633.4	.15748	-.00012	.01500	.00152
SDev	.00072	169.	15.0	.00051	.00006	.00513	.00053
%RSD	47.218	.79751	.91782	.32279	51.703	34.200	34.665

#1	-.00203	21356.	1644.0	.15784	-.00017	.01137	.00115
#2	-.00101	21116.	1622.8	.15712	-.00008	.01863	.00190

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00311	.58207	.03578	.05217	.01067	.01605
SDev	.00148	.00240	.00109	.00102	.00310	.00417
%RSD	47.497	.41184	3.0493	1.9519	29.082	25.975

#1	.00206	.58037	.03655	.05289	.00847	.01311
#2	.00415	.58376	.03501	.05145	.01286	.01900

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16413	--	--	--	--	--	--
SDev	114.5513	--	--	--	--	--	--
%RSD	.6979303	--	--	--	--	--	--

#1	16332	--	--	--	--	--	--
#2	16494	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49299-d-1-a Operator: SRP
Run Time: 01/31/12 11:16:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13592	-.00049	.02110	.38503	-.00031	.53924	-.00002
SDev	.00123	.00097	.00040	.00019	.00003	.00173	.00000
%RSD	.90636	196.99	1.8727	.05015	8.5281	.32022	16.788

#1	.13679	.00019	.02138	.38489	-.00029	.54046	-.00003
#2	.13505	-.00118	.02082	.38516	-.00033	.53802	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	149.95	.00267	-.00029	.00825	.24320	.05313	.00040
SDev	.63	.00011	.00000	.00008	.00143	.00010	.00003
%RSD	.41887	4.0241	1.6941	1.0074	.58867	.17864	8.8743

#1	149.51	.00274	-.00029	.00831	.24218	.05306	.00042
#2	150.40	.00259	-.00029	.00820	.24421	.05320	.00037

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 01/31/12 11:20:14 AM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	49.308	.00481	.01100	.00422	31.623	8.4548
SDev	.00085	.145	.00005	.00139	.00019	.001	.0190
%RSD	61.622	.29362	1.0033	12.672	4.4491	.00261	.22501
#1	.00198	49.205	.00484	.01199	.00435	31.624	8.4414
#2	.00078	49.410	.00477	.01002	.00408	31.623	8.4683

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	607.78	313.35	1.9108	.00082	.00047	.00200
SDev	.00019	.22	.48	.0022	.00117	.00024	.00009
%RSD	29.071	.03627	.15453	.11309	142.79	52.106	4.4573
#1	-.00053	607.94	313.69	1.9093	.00164	.00030	.00194
#2	-.00081	607.63	313.01	1.9124	-.00001	.00064	.00206

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01757	.00695	-.00242	.00181	-.00077	.00245
SDev	.00017	.00015	.00105	.00058	.00181	.00218
%RSD	.96438	2.1262	43.250	31.945	234.62	88.822
#1	.01769	.00705	-.00317	.00221	-.00205	.00399
#2	.01745	.00684	-.00168	.00140	.00051	.00091

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24406	--	--	--	--	--	--
SDev	167.5843	--	--	--	--	--	--
%RSD	.6866661	--	--	--	--	--	--
#1	24524	--	--	--	--	--	--
#2	24287	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49299-d-1-b du Operator: SRP
Run Time: 01/31/12 11:20:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11660	.00003	.02096	.37661	-.00031	.52745	-.00013
SDev	.00144	.00206	.00181	.00001	.00001	.00002	.00007
%RSD	1.2361	7913.5	8.6295	.00336	1.9283	.00373	55.031
#1	.11762	.00148	.02224	.37662	-.00031	.52743	-.00008
#2	.11558	-.00143	.01968	.37660	-.00031	.52746	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	149.40	.00210	-.00052	.00799	.23116	.05193	-.00092
SDev	.10	.00002	.00025	.00020	.00160	.00002	.00094
%RSD	.06608	1.1531	48.260	2.4709	.69129	.03382	102.15

#1	149.33	.00212	-.00070	.00813	.23003	.05192	-.00159
#2	149.47	.00209	-.00034	.00785	.23229	.05195	-.00026

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	48.901	.00457	.01010	.00483	30.538	8.2841
SDev	.00205	.003	.00000	.00009	.00051	.005	.0004
%RSD	93.709	.00600	.03723	.92677	10.593	.01512	.00501
#1	.00363	48.899	.00457	.01003	.00446	30.541	8.2838
#2	.00074	48.903	.00457	.01016	.00519	30.535	8.2844

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	589.95	312.33	1.8686	.00214	.00057	.00028
SDev	.00003	.77	1.97	.0002	.00032	.00002	.00000
%RSD	8.4318	.13120	.63189	.00836	14.710	3.7732	1.5179
#1	-.00039	590.50	310.94	1.8687	.00236	.00056	.00029
#2	-.00035	589.41	313.73	1.8685	.00192	.00059	.00028

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01653	.00695	-.00134	-.00072	.00172	.00242
SDev	.00019	.00018	.00059	.00112	.00394	.00110
%RSD	1.1394	2.6475	44.095	156.04	229.48	45.585
#1	.01640	.00682	-.00175	-.00151	.00450	.00320
#2	.01666	.00708	-.00092	.00007	-.00107	.00164

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24688	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0315065	--	--	--	--	--	--
#1	24693	--	--	--	--	--	--
#2	24682	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 11:24:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5074	.49596	.50362	.50325	.50008	.50459	.50240
SDev	.0061	.00097	.00319	.00050	.00052	.00083	.00105
%RSD	.24252	.19619	.63372	.09904	.10361	.16452	.20951
#1	2.5117	.49528	.50136	.50360	.50044	.50401	.50315
#2	2.5031	.49665	.50587	.50290	.49971	.50518	.50166

Analysis Report Blank Sample 01/31/12 11:27:57 AM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.574	.49258	.49200	.50483	2.5237	.47612	.49507
SDev	.019	.00040	.00008	.00060	.0022	.00055	.00021
%RSD	.14935	.08031	.01676	.11843	.08808	.11506	.04252
#1	12.587	.49286	.49206	.50525	2.5253	.47651	.49493
#2	12.561	.49230	.49194	.50441	2.5222	.47573	.49522

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50448	4.9473	.49013	.50679	.53764	12.226	.94609
SDev	.00116	.0059	.00064	.00339	.00061	.037	.00355
%RSD	.22932	.12007	.12971	.66902	.11428	.29879	.37485
#1	.50366	4.9515	.49058	.50439	.53721	12.252	.94860
#2	.50530	4.9431	.48968	.50919	.53808	12.200	.94359

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25040	12.802	11.766	.25122	.51244	.50563	.50959
SDev	.00062	.012	.045	.00032	.00579	.00198	.00085
%RSD	.24693	.09344	.38609	.12605	1.1301	.39082	.16596
#1	.25084	12.811	11.734	.25144	.50835	.50703	.51019
#2	.24997	12.794	11.798	.25099	.51654	.50424	.50899

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50203	.50651	.48156	.50183	.48905	.51225
SDev	.00018	.00045	.00100	.00018	.00032	.00158
%RSD	.03535	.08841	.20753	.03666	.06536	.30758
#1	.50190	.50682	.48085	.50196	.48883	.51114
#2	.50215	.50619	.48227	.50170	.48928	.51337

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25674	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0413134	--	--	--	--	--	--
#1	25666	--	--	--	--	--	--
#2	25681	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 11:28:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01830	-.00067	-.00104	.00017	.00000	.00588	.00015
SDev	.00326	.00332	.00009	.00003	.00001	.00083	.00008

Analysis Report Blank Sample 01/31/12 11:31:49 AM page 13

%RSD	17.822	494.28	8.2935	17.628	1015.7	14.060	54.801
#1	.02061	.00168	-.00098	.00019	-.00001	.00646	.00020
#2	.01600	-.00302	-.00111	.00015	.00001	.00529	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00296	-.00020	-.00010	-.00090	-.01223	.00044	-.00053
SDev	.00007	.00076	.00051	.00015	.02141	.00004	.00024
%RSD	2.3844	378.11	489.82	16.483	175.00	8.9238	45.754
#1	.00301	.00034	.00026	-.00079	.00290	.00041	-.00071
#2	.00291	-.00074	-.00047	-.00100	-.02737	.00047	-.00036

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	-.02152	.00021	.00242	.00014	-.16638	-.00884
SDev	.00389	.00122	.00003	.00018	.00039	.00701	.00311
%RSD	227.38	5.6931	13.646	7.5350	268.52	4.2147	35.154
#1	.00446	-.02065	.00023	.00255	.00042	-.16142	-.00664
#2	-.00104	-.02238	.00019	.00229	-.00013	-.17133	-.01104

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.03182	.24717	.00004	.00193	.00023	.00024
SDev	.00098	.16244	.01385	.00001	.00262	.00113	.00021
%RSD	245.09	510.44	5.6037	17.896	135.32	490.15	89.698
#1	.00029	.14669	.25696	.00005	.00378	.00103	.00039
#2	-.00110	-.08304	.23738	.00004	.00008	-.00057	.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00235	.00029	-.00094	.00060	.00226
SDev	.00052	.00008	.00172	.00123	.00973	.00096
%RSD	325.64	3.3580	602.50	130.16	1620.8	42.547
#1	.00021	-.00229	.00151	-.00181	.00748	.00294
#2	-.00053	-.00241	-.00093	-.00008	-.00628	.00158

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26022	--	--	--	--	--	--
SDev	144.9569	--	--	--	--	--	--
%RSD	.5570658	--	--	--	--	--	--
#1	25919	--	--	--	--	--	--
#2	26124	--	--	--	--	--	--

Analysis Report 01/31/12 11:36:19 AM page 1

Method: 20076010 Sample Name: 600-49299-d-1-c ms Operator: SRP
Run Time: 01/31/12 11:32:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.310	1.0711	1.1375	1.4451	.52660	1.6271	.51493
SDev	.011	.0003	.0014	.0006	.00039	.0013	.00091
%RSD	.09796	.02677	.12323	.03983	.07359	.08142	.17605
#1	11.318	1.0713	1.1365	1.4455	.52687	1.6262	.51557
#2	11.302	1.0709	1.1385	1.4447	.52632	1.6281	.51429

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	160.90	1.0202	1.0329	1.1000	10.746	.69115	1.0290
SDev	.26	.0012	.0011	.0006	.040	.00108	.0041
%RSD	.16110	.11458	.10552	.05179	.37076	.15656	.39990
#1	161.09	1.0210	1.0336	1.1004	10.774	.69192	1.0319
#2	160.72	1.0193	1.0321	1.0996	10.717	.69039	1.0261

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1143	59.806	1.0242	1.0712	1.1460	46.424	9.5925
SDev	.0069	.081	.0006	.0021	.0036	.083	.0046
%RSD	.61483	.13569	.05699	.19135	.31343	.17902	.04817
#1	1.1094	59.863	1.0246	1.0697	1.1485	46.482	9.5958
#2	1.1191	59.748	1.0238	1.0726	1.1434	46.365	9.5892

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54802	623.01	354.02	2.4728	1.1002	1.0690	1.0453
SDev	.00127	1.52	1.11	.0016	.0062	.0016	.0011
%RSD	.23121	.24319	.31437	.06338	.56252	.14754	.10132
#1	.54892	624.08	354.81	2.4739	1.0958	1.0701	1.0461
#2	.54713	621.94	353.23	2.4717	1.1045	1.0679	1.0446

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0781	1.0861	.99303	1.0470	1.0749	1.1340
SDev	.0012	.0010	.01161	.0004	.0037	.0121
%RSD	.10678	.08975	1.1688	.03528	.34308	1.0688
#1	1.0789	1.0868	1.0012	1.0473	1.0775	1.1254
#2	1.0772	1.0854	.98482	1.0468	1.0723	1.1426

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24508	--	--	--	--	--	--
SDev	26.87006	--	--	--	--	--	--
%RSD	.1096379	--	--	--	--	--	--

#1	24489	--	--	--	--	--	--
#2	24527	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49299-d-1-d msd Operator: SRP

Run Time: 01/31/12 11:36:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.907	1.0543	1.0947	1.3977	.50827	1.6000	.49734
SDev	.012	.0042	.0014	.0003	.00047	.0020	.00030
%RSD	.11140	.39628	.13141	.02403	.09354	.12690	.06034
#1	10.898	1.0572	1.0957	1.3979	.50793	1.5985	.49713
#2	10.915	1.0513	1.0936	1.3974	.50861	1.6014	.49756

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	157.99	.98344	.99593	1.0588	10.370	.66511	.99566
SDev	.14	.00098	.00081	.0000	.002	.00021	.00130
%RSD	.08691	.09970	.08110	.00467	.02251	.03139	.13091
#1	157.89	.98275	.99536	1.0587	10.368	.66526	.99474
#2	158.08	.98414	.99650	1.0588	10.372	.66496	.99659

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0798	58.579	.98780	1.0564	1.0956	45.138	9.4487
SDev	.0053	.050	.00076	.0001	.0011	.010	.0090
%RSD	.49344	.08572	.07695	.01409	.09871	.02188	.09537
#1	1.0760	58.544	.98726	1.0565	1.0948	45.131	9.4423
#2	1.0836	58.615	.98833	1.0563	1.0964	45.145	9.4550

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52812	610.21	347.69	2.4114	1.0678	1.0483	1.0252
SDev	.00135	.56	.40	.0000	.0051	.0018	.0005
%RSD	.25500	.09184	.11519	.00116	.47604	.16758	.04444
#1	.52716	609.82	347.40	2.4113	1.0714	1.0495	1.0249
#2	.52907	610.61	347.97	2.4114	1.0642	1.0470	1.0255

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0382	1.0495	.96331	1.0118	1.0471	1.0962
SDev	.0001	.0004	.00030	.0018	.0090	.0035
%RSD	.00620	.03820	.03137	.17829	.85794	.31935
#1	1.0381	1.0492	.96310	1.0106	1.0407	1.0937
#2	1.0382	1.0498	.96353	1.0131	1.0534	1.0986

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 11:40:11 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24808	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.0769570	--	--	--	--	--	--
#1	24822	--	--	--	--	--	--

#2	24795	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49299-d-2-a Operator: SRP
Run Time: 01/31/12 11:40:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12311	.00299	.01888	.37373	-.00032	.52004	-.00005
SDev	.00269	.00009	.00051	.00105	.00001	.00095	.00013
%RSD	2.1881	2.8557	2.7033	.28213	2.0889	.18267	264.92
#1	.12501	.00293	.01924	.37448	-.00031	.52071	.00004
#2	.12120	.00305	.01852	.37298	-.00032	.51937	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	147.14	.00208	-.00010	.00779	.24305	.05210	-.00000
SDev	.46	.00005	.00042	.00046	.01728	.00019	.00013
%RSD	.31436	2.1952	403.01	5.8926	7.1110	.37273	4329.7
#1	147.47	.00205	.00019	.00811	.25527	.05223	-.00010
#2	146.81	.00211	-.00040	.00746	.23083	.05196	.00009

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	48.098	.00461	.01217	.00490	30.288	8.2003
SDev	.00216	.133	.00001	.00171	.00012	.081	.0221
%RSD	92.773	.27737	.17389	14.022	2.4035	.26636	.26918
#1	.00385	48.193	.00461	.01338	.00498	30.345	8.2159
#2	.00080	48.004	.00460	.01097	.00481	30.231	8.1846

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	584.22	339.80	1.8516	.00624	.00192	.00163
SDev	.00041	1.56	.94	.0047	.00699	.00105	.00017
%RSD	80.707	.26631	.27774	.25459	111.95	54.522	10.629
#1	-.00022	585.32	340.47	1.8549	.01118	.00118	.00175
#2	-.00079	583.12	339.13	1.8483	.00130	.00266	.00151

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01662	.00776	-.00276	.00137	.00141	.00279
SDev	.00005	.00015	.00194	.00077	.00149	.00398
%RSD	.28618	1.9202	70.313	55.952	106.12	142.93
#1	.01665	.00787	-.00413	.00192	.00035	.00560

#2	.01659	.00766	-.00139	.00083	.00246	-.00003

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24771	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1884020	--	--	--	--	--	--

#1	24738	--	--	--	--	--	--
#2	24804	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49299-c-3-a Operator: SRP
Run Time: 01/31/12 11:44:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12284	.00021	.00350	.12013	-.00028	.14565	-.00003
SDev	.00303	.00311	.00036	.00050	.00001	.00062	.00010
%RSD	2.4702	1457.1	10.184	.41860	4.7355	.42436	388.05
#1	.12069	-.00199	.00375	.11977	-.00028	.14608	.00004
#2	.12498	.00241	.00325	.12048	-.00029	.14521	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.985	.00021	-.00055	.00110	.12846	.01309	-.00055
SDev	.187	.00024	.00024	.00014	.00233	.00011	.00036
%RSD	.42445	117.76	43.630	12.589	1.8164	.85534	65.113
#1	43.853	.00003	-.00072	.00120	.13011	.01301	-.00081
#2	44.117	.00038	-.00038	.00100	.12681	.01317	-.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00354	13.674	.01098	.00399	.00325	6.7566	2.6232
SDev	.00095	.048	.00005	.00042	.00059	.0355	.0056
%RSD	26.828	.34938	.45841	10.657	18.250	.52597	.21214
#1	.00421	13.640	.01095	.00369	.00283	6.7314	2.6192
#2	.00286	13.708	.01102	.00429	.00367	6.7817	2.6271

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	124.87	101.60	.51575	.00034	-.00074	.00189
SDev	.00012	.60	.45	.00206	.00231	.00131	.00016
%RSD	31.302	.48207	.44674	.39993	677.21	178.12	8.2984
#1	-.00047	124.44	101.28	.51429	.00198	.00019	.00178
#2	-.00030	125.30	101.92	.51720	-.00129	-.00166	.00200

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00548	.00573	-.00164	-.00001	.00701	.00180

SDev	.00021	.00020	.00075	.00016	.00128	.00206
%RSD	3.7570	3.4849	45.718	2432.7	18.195	114.59
#1	.00533	.00588	-.00217	-.00012	.00611	.00325
#2	.00562	.00559	-.00111	.00011	.00791	.00034

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25454	--	--	--	--	--	--

SDev	115.2584	--	--	--	--	--	--
%RSD	.4528017	--	--	--	--	--	--
#1	25536	--	--	--	--	--	--
#2	25373	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-71029/1-a Operator: SRP
Run Time: 01/31/12 11:48:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01519	.00052	.00120	.00101	-.00023	.00483	-.00011
SDev	.00005	.00127	.00036	.00009	.00000	.00014	.00014
%RSD	.34080	246.75	30.337	8.5932	.43309	2.8436	133.41
#1	.01515	-.00038	.00094	.00095	-.00023	.00473	-.00021
#2	.01522	.00141	.00146	.00107	-.00024	.00493	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00876	.00003	-.00025	.00047	-.02848	.00045	-.00024
SDev	.00149	.00000	.00000	.00018	.00364	.00002	.00137
%RSD	17.060	.97045	.63721	38.547	12.777	4.0711	571.60
#1	-.00770	.00003	-.00025	.00059	-.03106	.00046	-.00121
#2	-.00982	.00003	-.00025	.00034	-.02591	.00044	.00073

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.02296	.00023	.00127	-.00015	-.14888	-.00312
SDev	.00156	.00182	.00005	.00055	.00031	.01009	.00124
%RSD	14825.	7.9327	23.907	43.235	202.39	6.7759	39.634
#1	.00109	-.02425	.00019	.00088	-.00037	-.15601	-.00225
#2	-.00112	-.02167	.00027	.00165	.00007	-.14175	-.00400

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	.02139	.14099	-.00002	-.00093	-.00143	.00010
SDev	.00009	.02966	.01301	.00001	.00196	.00050	.00006
%RSD	18.219	138.66	9.2303	64.489	209.38	35.153	60.574
#1	-.00055	.00042	.15020	-.00001	.00045	-.00108	.00006
#2	-.00043	.04237	.13179	-.00003	-.00232	-.00179	.00014

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00269	-.00258	.00093	-.00446	.00221
SDev	.00009	.00001	.00080	.00166	.00195	.00137
%RSD	68.841	.47534	30.868	178.42	43.832	61.710
#1	.00007	.00269	-.00314	-.00024	-.00308	.00318
#2	.00020	.00270	-.00202	.00210	-.00584	.00125

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25943	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2344030	--	--	--	--	--	--
#1	25986	--	--	--	--	--	--
#2	25900	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71029/2-a Operator: SRP
Run Time: 01/31/12 11:51:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.019	.99838	1.0236	1.0227	.50504	1.0154	.50919
SDev	.117	.00908	.0079	.0111	.00580	.0126	.00594
%RSD	1.1667	.90970	.76932	1.0900	1.1490	1.2423	1.1674
#1	10.101	1.0048	1.0292	1.0305	.50915	1.0243	.51339
#2	9.9359	.99196	1.0180	1.0148	.50094	1.0065	.50499

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.241	.99533	.99668	1.0152	10.333	.47524	1.0009
SDev	.114	.01114	.01122	.0119	.141	.00497	.0088
%RSD	1.1164	1.1197	1.1256	1.1710	1.3672	1.0454	.87909
#1	10.322	1.0032	1.0046	1.0236	10.433	.47876	1.0071
#2	10.161	.98745	.98875	1.0068	10.233	.47173	.99465

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0126	10.002	.99380	1.0258	1.1000	9.8988	.94254
SDev	.0122	.116	.01170	.0088	.0178	.0944	.01284
%RSD	1.2036	1.1558	1.1776	.85641	1.6218	.95394	1.3619
#1	1.0212	10.084	1.0021	1.0320	1.1126	9.9656	.95162
#2	1.0039	9.9203	.98552	1.0195	1.0874	9.8321	.93347

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51055	9.6851	9.7376	.51049	1.0401	1.0057	1.0211
SDev	.00644	.0754	.0791	.00549	.0063	.0127	.0111

%RSD	1.2611	.77807	.81233	1.0750	.60620	1.2673	1.0907
#1	.51510	9.7383	9.7936	.51437	1.0446	1.0148	1.0290
#2	.50600	9.6318	9.6817	.50661	1.0356	.99673	1.0132

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0137	1.0267	.96685	1.0179	.97849	1.0296
SDev	.0124	.0120	.00976	.0083	.00969	.0134
%RSD	1.2187	1.1701	1.0094	.81720	.99008	1.3051
#1	1.0224	1.0352	.97375	1.0238	.98534	1.0391
#2	1.0050	1.0182	.95995	1.0120	.97164	1.0201

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25875	--	--	--	--	--	--
SDev	233.3452	--	--	--	--	--	--
%RSD	.9018173	--	--	--	--	--	--
#1	25710	--	--	--	--	--	--
#2	26040	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49433-b-2-a Operator: SRP
Run Time: 01/31/12 11:55:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41059	.00204	.00173	.01548	-.00009	.00973	-.00005
SDev	.00317	.00074	.00000	.00010	.00002	.00041	.00013
%RSD	.77219	36.513	.05093	.62430	18.860	4.1954	267.27
#1	.41284	.00256	.00173	.01555	-.00007	.01002	-.00014
#2	.40835	.00151	.00173	.01541	-.00010	.00944	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9788	.00077	-.00019	.00029	.14969	.00177	.00054
SDev	.0091	.00005	.00032	.00010	.01270	.00006	.00009
%RSD	.18264	6.1056	164.51	33.668	8.4874	3.6913	15.875
#1	4.9852	.00081	.00003	.00022	.15867	.00181	.00061
#2	4.9723	.00074	-.00042	.00036	.14070	.00172	.00048

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00373	.51929	.00855	.00316	.00059	2.6665	1.3315
SDev	.00253	.00098	.00000	.00144	.00003	.0003	.0025
%RSD	67.780	.18934	.04441	45.526	4.8914	.01295	.19038
#1	.00552	.51999	.00854	.00418	.00056	2.6668	1.3333
#2	.00194	.51859	.00855	.00215	.00061	2.6663	1.3297

Analysis Report 01/31/12 11:59:35 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00098	1.8249	1.8179	.01888	.00092	-.00096	.01038
SDev	.00036	.0295	.0056	.00001	.00134	.00153	.00021
%RSD	36.837	1.6171	.30745	.02500	146.07	159.14	2.0555
#1	-.00072	1.8458	1.8219	.01889	.00187	-.00205	.01023
#2	-.00124	1.8041	1.8140	.01888	-.00003	.00012	.01053

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00341	.02445	-.00048	.00106	-.00093	.00606
SDev	.00001	.00002	.00027	.00001	.00068	.00413
%RSD	.36011	.07316	55.688	.43985	72.530	68.146
#1	.00342	.02447	-.00029	.00105	-.00141	.00898
#2	.00340	.02444	-.00067	.00106	-.00045	.00314

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25854	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0437600	--	--	--	--	--	--
#1	25862	--	--	--	--	--	--
#2	25846	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49433-b-3-a Operator: SRP
Run Time: 01/31/12 11:59:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16074	.00056	-.00045	.01372	-.00019	.01149	.00004
SDev	.02283	.00162	.00115	.00093	.00012	.00050	.00003
%RSD	14.200	287.58	256.50	6.7638	65.147	4.3804	75.813
#1	.17688	.00171	.00036	.01438	-.00028	.01185	.00006
#2	.14460	-.00058	-.00126	.01307	-.00010	.01114	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6292	.00038	-.00033	.00235	.10492	.00063	.00102
SDev	.2546	.00020	.00026	.00047	.01362	.00020	.00036
%RSD	7.0163	53.321	81.035	20.165	12.984	32.209	35.291
#1	3.8093	.00024	-.00014	.00269	.11456	.00078	.00076
#2	3.4492	.00052	-.00051	.00202	.09529	.00049	.00127

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00157	.78395	.00216	.00214	.00065	.60780	2.3052
SDev	.00193	.07385	.00010	.00070	.00010	.15507	.1609
%RSD	122.95	9.4198	4.6580	32.681	15.878	25.513	6.9802

#1	.00293	.83616	.00223	.00264	.00073	.71745	2.4190
#2	.00020	.73173	.00209	.00165	.00058	.49815	2.1914

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	1.0805	1.0771	.00956	.00199	.00063	.00128
SDev	.00010	.1268	.0709	.00064	.00040	.00147	.00011
%RSD	22.306	11.739	6.5784	6.6503	20.117	232.07	8.8426
#1	-.00039	1.1702	1.1272	.01001	.00227	.00167	.00136
#2	-.00053	.99082	1.0270	.00911	.00170	-.00040	.00120

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.09076	.00087	.00109	.00255	.00108
SDev	.00002	.00665	.00055	.00026	.00205	.00392
%RSD	2.0632	7.3312	62.612	24.355	80.714	363.75

#1	.00095	.09547	.00049	.00090	.00109	.00384	
#2	.00098	.08606	.00126	.00128	.00400	-.00169	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26856	--	--	--	--	--	--
SDev	1525.229	--	--	--	--	--	--
%RSD	5.679393	--	--	--	--	--	--
#1	25777	--	--	--	--	--	--
#2	27934	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 12:03:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5006	.50161	.50697	.50306	.50056	.50453	.50826
SDev	.0219	.00058	.00176	.00435	.00398	.00483	.00377
%RSD	.87427	.11568	.34621	.86414	.79545	.95840	.74253
#1	2.4852	.50202	.50573	.49999	.49775	.50111	.50559
#2	2.5161	.50120	.50821	.50613	.50338	.50795	.51093

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.673	.49360	.49178	.50123	2.5363	.47535	.49785
SDev	.096	.00371	.00401	.00410	.0068	.00364	.00439
%RSD	.75400	.75071	.81535	.81800	.26901	.76618	.88189
#1	12.605	.49098	.48894	.49833	2.5314	.47277	.49474
#2	12.740	.49622	.49461	.50412	2.5411	.47792	.50095

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50376	4.9545	.49211	.50910	.55260	12.163	.94051
SDev	.00929	.0387	.00422	.00380	.00383	.096	.00702
%RSD	1.8449	.78059	.85813	.74535	.69315	.79089	.74594
#1	.49719	4.9272	.48912	.50641	.54989	12.095	.93555
#2	.51033	4.9819	.49509	.51178	.55531	12.231	.94547

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25008	12.612	11.982	.25219	.52131	.50704	.51032
SDev	.00185	.054	.092	.00211	.01059	.00644	.00468
%RSD	.73882	.42829	.76607	.83716	2.0308	1.2700	.91700
#1	.24877	12.574	11.917	.25070	.51382	.50249	.50702
#2	.25138	12.651	12.046	.25369	.52879	.51159	.51363

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50271	.51046	.48181	.50586	.48332	.51404
SDev	.00428	.00428	.00639	.00339	.00532	.01128

%RSD	.85155	.83908	1.3270	.66990	1.1004	2.1948
#1	.49968	.50743	.47729	.50347	.47956	.50606
#2	.50573	.51348	.48633	.50826	.48708	.52202

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25954	--	--	--	--	--	--
SDev	176.0696	--	--	--	--	--	--
%RSD	.6784040	--	--	--	--	--	--
#1	26078	--	--	--	--	--	--
#2	25829	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 12:07:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02448	.00229	.00198	.00017	-.00012	.00369	.00001
SDev	.00407	.00114	.00247	.00002	.00001	.00020	.00009
%RSD	16.608	49.695	124.49	11.130	4.2709	5.4989	774.20
#1	.02161	.00149	.00024	.00016	-.00012	.00384	-.00005
#2	.02735	.00310	.00373	.00019	-.00012	.00355	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00202	.00042	-.00062	-.00078	-.03284	.00071	-.00008
SDev	.00048	.00031	.00004	.00027	.00454	.00001	.00085
%RSD	23.905	73.916	6.0264	33.920	13.820	.70981	1068.8

#1	-.00168	.00020	-.00064	-.00097	-.02963	.00071	-.00068
#2	-.00237	.00064	-.00059	-.00060	-.03604	.00072	.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00148	-.01749	.00023	.00219	-.00008	-.14281	-.00875
SDev	.00174	.00193	.00000	.00011	.00056	.00971	.00158
%RSD	117.50	11.018	.32729	5.0854	660.99	6.8006	18.002
#1	.00272	-.01885	.00023	.00226	.00031	-.14968	-.00987
#2	.00025	-.01612	.00023	.00211	-.00048	-.13594	-.00764

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	-.12190	.08172	.00004	.00145	-.00058	.00029
SDev	.00024	.02937	.00219	.00001	.00121	.00115	.00015
%RSD	31.532	24.096	2.6864	24.989	83.927	198.26	54.122
#1	-.00060	-.14267	.08327	.00004	.00231	.00023	.00018
#2	-.00094	-.10113	.08017	.00005	.00059	-.00139	.00040

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	-.00235	-.00314	.00145	.00118	.00164
SDev	.00026	.00003	.00204	.00025	.00191	.00166
%RSD	66.940	1.2474	64.996	17.530	161.78	101.54
#1	.00021	-.00233	-.00459	.00127	.00253	.00281
#2	.00057	-.00238	-.00170	.00163	-.00017	.00046

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25839	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2572392	--	--	--	--	--	--
#1	25886	--	--	--	--	--	--
#2	25792	--	--	--	--	--	--

Analysis Report 01/31/12 12:16:34 PM page 1

Method: 20076010 Sample Name: mb 600-71143/1-a Operator: SRP
Run Time: 01/31/12 12:12:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02264	-.00171	-.00029	.00169	-.00027	.00239	-.00004
SDev	.00016	.00146	.00165	.00008	.00009	.00030	.00003
%RSD	.71386	85.516	574.80	4.5775	32.125	12.367	72.149
#1	.02253	-.00274	-.00145	.00163	-.00034	.00260	-.00002
#2	.02276	-.00068	.00088	.00174	-.00021	.00218	-.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00804	-.00012	-.00023	.00062	-.01432	.00054	-.00033
SDev	.00269	.00007	.00004	.00017	.00208	.00006	.00038
%RSD	33.444	60.454	18.580	28.103	14.491	11.858	117.32
#1	-.00994	-.00017	-.00020	.00050	-.01286	.00050	-.00060
#2	-.00614	-.00007	-.00026	.00074	-.01579	.00059	-.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	-.02415	.00011	.00076	-.00014	-.15110	-.00679
SDev	.00106	.00245	.00011	.00017	.00033	.01115	.00065
%RSD	62.103	10.126	94.416	22.811	232.99	7.3803	9.5707
#1	.00096	-.02588	.00004	.00088	.00009	-.15898	-.00633
#2	.00246	-.02242	.00019	.00064	-.00037	-.14321	-.00724

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	-.02789	.06650	-.00003	.00215	.00039	.00003
SDev	.00006	.00403	.00058	.00003	.00197	.00322	.00006
%RSD	20.218	14.468	.87555	115.77	91.448	819.15	181.03
#1	-.00026	-.02503	.06691	-.00005	.00354	.00267	-.00001
#2	-.00034	-.03074	.06608	-.00000	.00076	-.00188	.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00454	-.00068	-.00015	.00053	.00229
SDev	.00000	.00026	.00081	.00017	.00063	.00191
%RSD	1.9154	5.6812	119.25	112.93	119.74	83.082
#1	.00007	.00436	-.00125	-.00027	.00098	.00095
#2	.00007	.00472	-.00011	-.00003	.00008	.00364

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25736	--	--	--	--	--	--
SDev	70.71068	--	--	--	--	--	--
%RSD	.2747540	--	--	--	--	--	--

#1	25786	--	--	--	--	--	--
#2	25686	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71143/2-a Operator: SRP
Run Time: 01/31/12 12:16:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.094	1.0080	1.0330	1.0332	.50847	1.0301	.51803
SDev	.019	.0007	.0080	.0012	.00032	.0003	.00006
%RSD	.18605	.06593	.76997	.11724	.06216	.03011	.01257
#1	10.107	1.0075	1.0274	1.0340	.50869	1.0303	.51799
#2	10.080	1.0085	1.0386	1.0323	.50825	1.0299	.51808

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.378	1.0035	1.0048	1.0201	10.466	.47906	1.0119
SDev	.008	.0005	.0014	.0002	.006	.00086	.0035
%RSD	.07302	.05260	.13874	.02077	.05956	.17889	.34813
#1	10.383	1.0039	1.0057	1.0203	10.470	.47967	1.0094
#2	10.373	1.0031	1.0038	1.0200	10.461	.47846	1.0144

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0210	10.094	1.0044	1.0413	1.1261	9.9354	.94514
SDev	.0011	.001	.0008	.0025	.0006	.0366	.00010
%RSD	.10382	.01210	.07644	.24236	.05623	.36839	.01102
#1	1.0203	10.095	1.0049	1.0396	1.1257	9.9613	.94521
#2	1.0218	10.093	1.0038	1.0431	1.1265	9.9095	.94506

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51466	9.8678	9.8171	.51694	1.0506	1.0177	1.0317
SDev	.00075	.1140	.0187	.00080	.0094	.0017	.0011
%RSD	.14528	1.1553	.19028	.15547	.89731	.16702	.10469

#1	.51519	9.9484	9.8303	.51750	1.0439	1.0189	1.0325
#2	.51413	9.7872	9.8039	.51637	1.0573	1.0165	1.0310

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0219	1.0415	.96733	1.0341	.97583	1.0436
SDev	.0007	.0001	.01186	.0006	.00757	.0022
%RSD	.07299	.01108	1.2258	.06235	.77538	.21016
#1	1.0224	1.0415	.95894	1.0346	.97048	1.0451
#2	1.0213	1.0414	.97571	1.0337	.98118	1.0420

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25614	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1628801	--	--	--	--	--	--
#1	25584	--	--	--	--	--	--
#2	25643	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-b-1-a Operator: SRP
Run Time: 01/31/12 12:20:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11086	.00068	.00491	.18711	-.00039	.06602	.00074
SDev	.00088	.00185	.00054	.00019	.00001	.00101	.00016
%RSD	.79001	274.00	10.983	.10416	3.4312	1.5337	21.349
#1	.11148	.00199	.00530	.18725	-.00040	.06674	.00085
#2	.11024	-.00063	.00453	.18697	-.00038	.06530	.00063

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.41	.00980	.00109	.00083	.17323	.06329	.00037
SDev	.07	.00011	.00008	.00011	.00116	.00002	.00076
%RSD	.03033	1.1443	7.7465	12.991	.66911	.03341	202.16
#1	245.35	.00988	.00103	.00091	.17241	.06330	.00091
#2	245.46	.00972	.00115	.00075	.17405	.06327	-.00016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00771	50.123	.10276	.00528	.00828	11.705	34.784
SDev	.00253	.007	.00003	.00105	.00002	.025	.005
%RSD	32.863	.01325	.03060	19.835	.26806	.20951	.01356
#1	.00950	50.127	.10274	.00603	.00827	11.722	34.787
#2	.00592	50.118	.10278	.00454	.00830	11.688	34.781

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00055	531.97	329.06	3.4346	.00476	.00151	.00080
SDev	.00054	.88	.94	.0031	.00586	.00097	.00033
%RSD	98.138	.16473	.28427	.09000	123.14	64.258	40.862
#1	-.00017	532.59	329.72	3.4368	.00890	.00219	.00103
#2	-.00094	531.35	328.40	3.4324	.00061	.00082	.00057

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00248	.01630	-.00151	.00132	.00798	.00758
SDev	.00020	.00006	.00158	.00192	.00154	.00303
%RSD	7.9907	.38090	104.62	146.13	19.308	39.995
#1	.00262	.01626	-.00263	.00268	.00906	.00972

#2	.00234	.01634	-.00039	-.00004	.00689	.00544

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24296	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.1076864	--	--	--	--	--	--
#1	24277	--	--	--	--	--	--
#2	24314	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-b-1-b du Operator: SRP
Run Time: 01/31/12 12:24:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10581	.00235	.00194	.18766	-.00041	.06386	.00087
SDev	.00001	.00151	.00049	.00009	.00000	.00028	.00001
%RSD	.00898	64.394	25.481	.04569	.34240	.43841	1.6673
#1	.10581	.00128	.00159	.18772	-.00041	.06366	.00086
#2	.10582	.00342	.00229	.18760	-.00041	.06406	.00088

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	243.29	.00975	.00076	.00100	.15590	.06343	-.00052
SDev	.01	.00026	.00021	.00010	.00413	.00002	.00040
%RSD	.00249	2.6395	28.258	10.407	2.6511	.03770	77.600
#1	243.29	.00957	.00091	.00092	.15882	.06345	-.00080
#2	243.28	.00993	.00061	.00107	.15297	.06342	-.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00558	49.799	.10225	.00359	.00801	11.746	34.728
SDev	.00216	.029	.00003	.00056	.00007	.032	.000
%RSD	38.804	.05815	.02484	15.592	.90252	.27167	.00113
#1	.00405	49.820	.10227	.00398	.00796	11.768	34.729
#2	.00711	49.779	.10224	.00319	.00806	11.723	34.728

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	535.59	331.70	3.4349	.00037	.00088	.00067
SDev	.00039	.24	.54	.0030	.00177	.00165	.00006
%RSD	72.621	.04504	.16234	.08615	476.23	188.39	9.2002
#1	-.00081	535.76	332.08	3.4370	-.00088	.00205	.00072
#2	-.00026	535.42	331.32	3.4328	.00162	-.00029	.00063

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00256	.01752	-.00234	.00040	.00801	.00436

SDev	.00010	.00003	.00009	.00064	.00097	.00373
%RSD	3.8717	.20004	3.7553	161.15	12.068	85.576
#1	.00263	.01749	-.00228	-.00006	.00870	.00172
#2	.00249	.01754	-.00241	.00085	.00733	.00699

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23978	--	--	--	--	--	--
SDev	.7071068	--	--	--	--	--	--
%RSD	.0029490	--	--	--	--	--	--
#1	23978	--	--	--	--	--	--
#2	23977	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-b-1-c ms Operator: SRP
Run Time: 01/31/12 12:28:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.274	1.0912	1.1091	1.2592	.51401	1.1955	.51037
SDev	.841	.0758	.0751	.0905	.03753	.0839	.03682
%RSD	7.4607	6.9487	6.7732	7.1910	7.3009	7.0213	7.2139
#1	11.869	1.1448	1.1622	1.3232	.54054	1.2548	.53640
#2	10.680	1.0376	1.0560	1.1952	.48747	1.1361	.48433

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	256.52	1.0071	1.0032	1.0793	10.578	.69867	1.0092
SDev	18.42	.0752	.0733	.0785	.803	.05025	.0659
%RSD	7.1823	7.4691	7.3040	7.2749	7.5865	7.1927	6.5320
#1	269.55	1.0603	1.0550	1.1349	11.146	.73420	1.0558
#2	243.50	.95393	.95140	1.0238	10.011	.66313	.96257

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0985	60.740	1.1102	1.0798	1.1555	27.893	36.677
SDev	.0655	4.449	.0813	.0701	.0890	2.031	2.642
%RSD	5.9662	7.3239	7.3256	6.4875	7.7049	7.2799	7.2038
#1	1.1449	63.886	1.1677	1.1293	1.2184	29.329	38.546

#2	1.0522	57.595	1.0526	1.0303	1.0925	26.457	34.809

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54678	561.09	348.69	4.0836	1.1028	1.0773	1.0621
SDev	.03877	39.80	23.51	.2975	.0793	.0782	.0776
%RSD	7.0901	7.0937	6.7421	7.2857	7.1919	7.2589	7.3052
#1	.57419	589.23	365.32	4.2940	1.1589	1.1326	1.1170
#2	.51936	532.94	332.07	3.8732	1.0467	1.0220	1.0072

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0493	1.0877	.96539	1.0311	1.0544	1.1206
SDev	.0764	.0790	.06679	.0655	.0595	.0686
%RSD	7.2776	7.2596	6.9189	6.3509	5.6386	6.1204
#1	1.1033	1.1435	1.0126	1.0774	1.0964	1.1691
#2	.99529	1.0319	.91816	.98478	1.0123	1.0721

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22861	--	--	--	--	--	--
SDev	1409.971	--	--	--	--	--	--
%RSD	6.167582	--	--	--	--	--	--
#1	21864	--	--	--	--	--	--
#2	23858	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-b-1-d msd Operator: SRP
Run Time: 01/31/12 12:32:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.609	1.0327	1.0622	1.1860	.49198	1.1327	.49024
SDev	.020	.0035	.0027	.0005	.00036	.0028	.00043
%RSD	.18667	.33732	.25749	.04126	.07271	.25125	.08754
#1	10.595	1.0302	1.0602	1.1857	.49172	1.1307	.48994
#2	10.623	1.0351	1.0641	1.1864	.49223	1.1347	.49055

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.27	.96151	.95861	1.0142	10.096	.65534	.97255
SDev	.40	.00114	.00035	.0006	.000	.00011	.00199
%RSD	.16302	.11907	.03662	.05663	.00176	.01634	.20475
#1	244.99	.96070	.95836	1.0146	10.096	.65527	.97396
#2	245.56	.96232	.95886	1.0138	10.096	.65542	.97115

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0523	57.805	1.0586	1.0289	1.0914	26.064	34.766
SDev	.0025	.103	.0009	.0004	.0037	.002	.038
%RSD	.23940	.17775	.08737	.03753	.34021	.00712	.10970

#1	1.0540	57.732	1.0580	1.0292	1.0888	26.065	34.739
#2	1.0505	57.878	1.0593	1.0286	1.0941	26.063	34.793

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51841	526.19	328.86	3.8446	1.0528	1.0267	1.0026
SDev	.00042	.17	1.02	.0034	.0111	.0033	.0010

Analysis Report 01/31/12 12:35:50 PM page 7

%RSD	.08108	.03186	.31114	.08830	1.0534	.32498	.09578
#1	.51811	526.07	328.14	3.8422	1.0449	1.0243	1.0019
#2	.51871	526.30	329.58	3.8470	1.0606	1.0291	1.0032

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99794	1.0365	.92915	.99426	1.0079	1.0744
SDev	.00113	.0019	.00140	.00229	.0011	.0032
%RSD	.11313	.18121	.15110	.22982	.10645	.30175
#1	.99714	1.0351	.93015	.99587	1.0087	1.0767
#2	.99874	1.0378	.92816	.99264	1.0072	1.0721

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24048	--	--	--	--	--	--
SDev	100.4092	--	--	--	--	--	--
%RSD	.4175364	--	--	--	--	--	--
#1	24119	--	--	--	--	--	--
#2	23977	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-b-2-a Operator: SRP
Run Time: 01/31/12 12:35:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09386	.00135	-.00008	.04868	-.00054	.07053	.00513
SDev	.00270	.00450	.00231	.00035	.00003	.00118	.00007
%RSD	2.8792	332.81	2795.7	.71293	4.6286	1.6767	1.2849
#1	.09577	.00453	-.00171	.04893	-.00056	.07137	.00509
#2	.09195	-.00183	.00155	.04844	-.00052	.06970	.00518

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	653.55	.00146	.00729	.00048	.25706	.06417	-.00075
SDev	6.82	.00007	.00032	.00018	.01593	.00048	.00141
%RSD	1.0438	4.8657	4.4169	37.544	6.1959	.74629	188.21
#1	658.37	.00141	.00752	.00061	.26832	.06451	-.00175
#2	648.72	.00151	.00706	.00035	.24579	.06383	.00025

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02849	159.84	.00992	.00776	.01737	12.210	39.370

SDev	.00253	1.59	.00006	.00183	.00055	.094	.308
%RSD	8.8961	.99294	.60235	23.642	3.1861	.77182	.78346
#1	.03028	160.96	.00997	.00906	.01776	12.277	39.588
#2	.02670	158.72	.00988	.00646	.01698	12.143	39.152

Analysis Report 01/31/12 12:39:41 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00090	1402.7	596.89	9.9209	.00597	.00161	-.00276
SDev	.00013	11.9	6.27	.0726	.00543	.00026	.00008
%RSD	14.856	.84692	1.0506	.73216	90.981	16.151	2.9492
#1	-.00080	1411.1	601.32	9.9722	.00981	.00143	-.00271
#2	-.00099	1394.3	592.45	9.8695	.00213	.00179	-.00282

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.09900	-.00382	.00078	.02872	.02837
SDev	.00002	.00124	.00101	.00162	.00315	.00223
%RSD	12.089	1.2502	26.495	206.59	10.952	7.8555
#1	.00017	.09988	-.00453	-.00036	.03095	.02995
#2	.00014	.09813	-.00310	.00192	.02650	.02680

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22552	--	--	--	--	--	--
SDev	155.5635	--	--	--	--	--	--
%RSD	.6897991	--	--	--	--	--	--
#1	22442	--	--	--	--	--	--
#2	22662	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-b-3-a Operator: SRP
Run Time: 01/31/12 12:39:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09758	.00101	.00163	.09220	-.00049	.11777	.00333
SDev	.00009	.00022	.00365	.00002	.00001	.00018	.00012
%RSD	.09285	21.787	224.26	.02546	1.8854	.15482	3.5741
#1	.09751	.00117	-.00095	.09222	-.00050	.11764	.00342
#2	.09764	.00085	.00421	.09219	-.00049	.11790	.00325

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	612.38	-.00041	.00919	.00191	.21554	.06913	-.00043
SDev	.10	.00027	.00048	.00026	.00906	.00016	.00028
%RSD	.01593	66.289	5.2530	13.750	4.2029	.23822	65.333
#1	612.45	-.00060	.00885	.00210	.22195	.06925	-.00062
#2	612.31	-.00022	.00953	.00173	.20914	.06901	-.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00846	131.17	.41105	.00327	.02505	19.540	40.385
SDev	.00060	.01	.00010	.00006	.00051	.027	.398
%RSD	7.1264	.00965	.02351	1.8672	2.0361	.13840	.98645

Analysis Report 01/31/12 12:43:32 PM page 9

#1	.00804	131.18	.41112	.00323	.02541	19.559	40.103
#2	.00889	131.16	.41098	.00331	.02469	19.521	40.667

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	1237.2	559.44	7.5627	.00389	.00246	-.00251
SDev	.00010	.1	.99	.0025	.00169	.00097	.00003
%RSD	9.9930	.01063	.17710	.03268	43.403	39.642	1.1183
#1	-.00094	1237.3	558.74	7.5644	.00270	.00177	-.00249
#2	-.00108	1237.1	560.14	7.5609	.00508	.00314	-.00253

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00240	.06900	-.00258	.00065	.01284	.00628
SDev	.00030	.00004	.00132	.00024	.00077	.00052
%RSD	12.401	.05245	51.246	37.481	5.9959	8.2825
#1	.00261	.06903	-.00352	.00083	.01230	.00591
#2	.00219	.06897	-.00165	.00048	.01338	.00665

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22915	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1481175	--	--	--	--	--	--
#1	22891	--	--	--	--	--	--
#2	22939	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-b-4-a Operator: SRP
Run Time: 01/31/12 12:43:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3409	.00201	.00417	.15370	.00172	.09829	.00076
SDev	.0063	.00000	.00334	.00020	.00001	.00094	.00001
%RSD	.47274	.16451	80.061	.12754	.57644	.95945	1.0126
#1	1.3454	.00200	.00181	.15384	.00172	.09763	.00076
#2	1.3364	.00201	.00654	.15356	.00171	.09896	.00077

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	552.62	.00248	.02092	.01074	2.7171	.10308	.00272
SDev	.55	.00021	.00043	.00001	.0247	.00037	.00005
%RSD	.09896	8.4572	2.0454	.04610	.90881	.35464	1.9957
#1	553.01	.00233	.02122	.01074	2.7345	.10334	.00276
#2	552.23	.00262	.02061	.01074	2.6996	.10282	.00268

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05388	108.47	3.1274	.00276	.02314	20.032	40.438
SDev	.00034	.20	.0041	.00003	.00039	.030	.115
%RSD	.63575	.18550	.12995	1.1748	1.6718	.14908	.28551
#1	.05412	108.62	3.1303	.00274	.02342	20.053	40.520
#2	.05364	108.33	3.1246	.00278	.02287	20.011	40.357

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	1043.2	507.34	6.5451	-.00039	.00012	.00745
SDev	.00059	2.9	.27	.0085	.00049	.00154	.00048
%RSD	147.46	.27431	.05290	.12941	124.24	1261.7	6.3874
#1	.00002	1045.2	507.15	6.5511	-.00005	-.00097	.00779
#2	-.00082	1041.1	507.53	6.5391	-.00074	.00121	.00712

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00494	.06634	.00072	.00372	.05179	.05493
SDev	.00019	.00010	.00107	.00062	.00548	.00223
%RSD	3.8981	.15434	149.18	16.552	10.586	4.0548
#1	.00480	.06626	-.00004	.00416	.05566	.05335
#2	.00507	.06641	.00147	.00328	.04791	.05650

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23662	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0418371	--	--	--	--	--	--
#1	23669	--	--	--	--	--	--
#2	23655	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-b-5-a Operator: SRP
Run Time: 01/31/12 12:47:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47210	.00242	.00618	.06822	-.00045	.10913	.00108
SDev	.00237	.00129	.00194	.00085	.00002	.00061	.00008
%RSD	.50255	53.226	31.413	1.2521	3.5803	.56134	7.1251
#1	.47042	.00151	.00755	.06762	-.00043	.10869	.00103
#2	.47378	.00333	.00481	.06883	-.00046	.10956	.00113

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	706.03	.00024	.00056	-.00022	.44613	.08327	-.00226
SDev	6.97	.00016	.00000	.00007	.01360	.00104	.00034
%RSD	.98753	65.725	.19425	34.536	3.0491	1.2490	15.248

#1	701.10	.00036	.00056	-.00016	.43651	.08253	-.00202
#2	710.96	.00013	.00056	-.00027	.45575	.08400	-.00250

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02727	140.48	.10767	.00219	.02160	21.115	45.034
SDev	.00075	1.51	.00111	.00021	.00043	.313	1.302
%RSD	2.7476	1.0761	1.0305	9.6687	1.9758	1.4811	2.8918
#1	.02780	139.41	.10688	.00204	.02129	20.894	44.114
#2	.02674	141.54	.10845	.00234	.02190	21.336	45.955

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00099	1487.7	616.25	7.9453	.00155	.00183	.00603
SDev	.00013	18.0	4.90	.1098	.00655	.00118	.00033
%RSD	13.216	1.2094	.79434	1.3822	421.34	64.315	5.4446
#1	-.00109	1474.9	612.79	7.8676	.00618	.00266	.00626
#2	-.00090	1500.4	619.71	8.0229	-.00308	.00100	.00579

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.14084	-.00446	-.00116	.03076	.02553
SDev	.00020	.00158	.00193	.00045	.00444	.00110
%RSD	471.28	1.1193	43.357	38.926	14.443	4.2967
#1	.00010	.13973	-.00309	-.00148	.03390	.02476
#2	-.00018	.14195	-.00583	-.00084	.02762	.02631

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22590	--	--	--	--	--	--
SDev	188.7975	--	--	--	--	--	--
%RSD	.8357755	--	--	--	--	--	--
#1	22723	--	--	--	--	--	--
#2	22456	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 12:51:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5192	.50286	.50879	.50902	.49494	.50665	.51176
SDev	.0057	.00043	.00006	.00027	.00103	.00083	.00059
%RSD	.22440	.08476	.01119	.05273	.20747	.16362	.11504
#1	2.5152	.50255	.50875	.50883	.49567	.50607	.51218
#2	2.5232	.50316	.50883	.50921	.49422	.50724	.51134

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.691	.49117	.48836	.49799	2.5598	.48064	.49724
SDev	.065	.00116	.00062	.00049	.0023	.00041	.00111
%RSD	.51601	.23662	.12659	.09752	.08975	.08504	.22330
#1	12.737	.49199	.48880	.49764	2.5615	.48035	.49803
#2	12.644	.49035	.48792	.49833	2.5582	.48093	.49646

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50598	4.9473	.49145	.51042	.58081	12.280	1.3285
SDev	.00470	.0216	.00098	.00116	.00314	.010	.1562
%RSD	.92946	.43561	.19989	.22807	.54103	.07741	11.761
#1	.50931	4.9626	.49214	.50960	.58304	12.274	1.4390
#2	.50266	4.9321	.49076	.51124	.57859	12.287	1.2180

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25133	12.808	12.149	.25447	.52559	.50554	.51155
SDev	.00047	.078	.014	.00015	.00180	.00044	.00047
%RSD	.18835	.61028	.11893	.05751	.34246	.08662	.09197
#1	.25167	12.864	12.138	.25458	.52432	.50523	.51188
#2	.25100	12.753	12.159	.25437	.52687	.50585	.51122

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50171	.51380	.47171	.51001	.47986	.51910
SDev	.00098	.00103	.00280	.00026	.00872	.00269
%RSD	.19466	.19988	.59447	.05166	1.8177	.51884
#1	.50240	.51453	.47369	.51019	.48603	.52100
#2	.50102	.51307	.46973	.50982	.47369	.51720

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25116	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.1266939	--	--	--	--	--	--
#1	25093	--	--	--	--	--	--
#2	25138	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 12:55:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03398	.00027	.00232	.00026	-.00020	.00378	.00025
SDev	.00009	.00135	.00101	.00001	.00002	.00055	.00003

%RSD	.25035	506.94	43.517	3.9319	9.8424	14.642	11.352
#1	.03404	-.00069	.00161	.00025	-.00021	.00417	.00027
#2	.03392	.00122	.00304	.00026	-.00018	.00339	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00184	.00029	-.00015	-.00093	-.02272	.00087	-.00006
SDev	.00016	.00007	.00009	.00013	.00393	.00004	.00038
%RSD	8.6318	23.767	58.049	14.456	17.319	4.7221	625.75
#1	-.00173	.00024	-.00021	-.00102	-.01993	.00090	-.00033
#2	-.00196	.00034	-.00009	-.00083	-.02550	.00085	.00021

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00277	-.00338	.00023	.00230	.00049	-.07265	.10551
SDev	.00036	.00337	.00005	.00054	.00026	.01567	.01758
%RSD	13.129	99.702	22.427	23.600	54.010	21.564	16.667
#1	.00302	-.00100	.00020	.00268	.00030	-.06157	.11794
#2	.00251	-.00576	.00027	.00192	.00067	-.08372	.09307

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	-.03112	.09693	.00007	.00131	-.00254	.00035
SDev	.00006	.00546	.00414	.00001	.00326	.00215	.00008
%RSD	13.804	17.535	4.2737	17.898	248.92	84.555	22.972
#1	-.00039	-.03498	.09986	.00006	.00362	-.00406	.00029
#2	-.00047	-.02726	.09400	.00008	-.00100	-.00102	.00040

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	-.00222	.00022	-.00020	.00153	.00338
SDev	.00026	.00009	.00002	.00057	.00035	.00072
%RSD	64.638	3.8596	7.6572	284.85	23.044	21.337
#1	.00022	-.00216	.00023	-.00061	.00128	.00389
#2	.00058	-.00228	.00021	.00020	.00178	.00287

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25397	--	--	--	--	--	--
SDev	212.1320	--	--	--	--	--	--
%RSD	.8352641	--	--	--	--	--	--
#1	25247	--	--	--	--	--	--
#2	25547	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49551-c-2-a Operator: SRP
Run Time: 01/31/12 12:59:00
Comment: TRACE 61E

Analysis Report 01/31/12 01:02:48 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04775	-.00078	.00081	.06632	-.00045	.78067	-.00008
SDev	.00321	.00156	.00096	.00103	.00007	.00950	.00013
%RSD	6.7219	198.67	118.40	1.5573	14.875	1.2171	166.16
#1	.05002	.00032	.00013	.06705	-.00049	.78739	-.00017
#2	.04548	-.00189	.00148	.06559	-.00040	.77395	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.765	.00011	-.00025	.00024	.04885	.04899	-.00020
SDev	1.493	.00034	.00053	.00022	.00088	.00077	.00037
%RSD	1.4961	323.55	216.24	91.960	1.7990	1.5661	182.17
#1	100.82	-.00014	.00013	.00040	.04947	.04953	.00006
#2	98.710	.00035	-.00062	.00008	.04823	.04844	-.00046

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00216	12.523	.01327	.00415	.00375	2.1522	9.5547
SDev	.00163	.200	.00011	.00073	.00028	.0506	.1583
%RSD	75.552	1.5984	.79444	17.705	7.4563	2.3512	1.6572
#1	.00101	12.664	.01335	.00467	.00356	2.1880	9.6666
#2	.00331	12.381	.01320	.00363	.00395	2.1164	9.4427

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	229.72	173.43	.71330	-.00077	.00129	-.00015
SDev	.00025	3.52	2.58	.01137	.00126	.00053	.00008
%RSD	47.166	1.5333	1.4885	1.5946	163.71	40.996	53.021
#1	-.00035	232.21	175.25	.72134	.00012	.00167	-.00021
#2	-.00070	227.22	171.60	.70525	-.00166	.00092	-.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00196	.00011	.00036	-.00048	.00172	.00238
SDev	.00006	.00001	.00290	.00090	.00231	.00129
%RSD	3.0262	11.013	801.48	184.84	134.35	54.268
#1	.00192	.00010	.00241	-.00112	.00009	.00146
#2	.00201	.00012	-.00169	.00015	.00336	.00329

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24824	--	--	--	--	--	--
SDev	301.9346	--	--	--	--	--	--
%RSD	1.216326	--	--	--	--	--	--
#1	24610	--	--	--	--	--	--
#2	25037	--	--	--	--	--	--

Analysis Report 01/31/12 01:02:48 PM page 15

Method: 20076010 Sample Name: 600-49551-c-3-a Operator: SRP
Run Time: 01/31/12 13:02:52
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04211	.00122	.00733	.08634	-.00046	1.1521	.00097
SDev	.00322	.00100	.00044	.00046	.00004	.0083	.00005
%RSD	7.6443	81.895	5.9983	.52686	8.1686	.71917	4.7619
#1	.04439	.00051	.00702	.08666	-.00049	1.1580	.00100
#2	.03984	.00193	.00764	.08602	-.00043	1.1463	.00094

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	151.41	-.00012	-.00014	.01594	.03476	.05388	.00010
SDev	1.25	.00008	.00012	.00017	.00444	.00033	.00052
%RSD	.82763	62.871	89.137	1.0823	12.765	.60507	540.12
#1	152.30	-.00017	-.00005	.01582	.03790	.05411	-.00027
#2	150.53	-.00007	-.00022	.01606	.03162	.05365	.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	14.468	.06680	.00901	.00559	5.2632	10.611
SDev	.00042	.112	.00040	.00018	.00019	.0524	.075
%RSD	140.31	.77743	.60266	1.9524	3.3776	.99576	.70801
#1	.00059	14.548	.06708	.00913	.00546	5.3002	10.664
#2	.00000	14.389	.06652	.00888	.00573	5.2261	10.558

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	323.55	229.54	.86596	.00041	.00144	-.00043
SDev	.00015	2.41	1.72	.00544	.00022	.00010	.00010
%RSD	21.188	.74490	.74838	.62797	53.957	6.9671	23.063
#1	-.00062	325.25	230.76	.86981	.00025	.00151	-.00036
#2	-.00084	321.84	228.33	.86212	.00056	.00136	-.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01803	.04905	-.00188	.00108	-.00157	.00123
SDev	.00012	.00017	.00106	.00025	.00310	.00218
%RSD	.65331	.34414	56.502	23.418	197.40	176.75
#1	.01811	.04917	-.00263	.00090	-.00377	.00277
#2	.01794	.04893	-.00113	.00126	.00062	-.00031

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24563	--	--	--	--	--	--

SDev	158.3919	--	--	--	--	--	--
%RSD	.6448395	--	--	--	--	--	--
#1	24451	--	--	--	--	--	--
#2	24675	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49551-c-4-a Operator: SRP
Run Time: 01/31/12 13:06:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12729	.00080	.01480	.18729	-.00044	.20783	-.00015
SDev	.00441	.00004	.00135	.00017	.00002	.00033	.00003
%RSD	3.4685	5.0452	9.1238	.09236	3.4675	.15888	23.488
#1	.12417	.00083	.01385	.18717	-.00045	.20806	-.00017
#2	.13042	.00078	.01576	.18742	-.00043	.20759	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.173	.00057	.00196	.00507	2.4165	.01351	.00295
SDev	.158	.00037	.00005	.00049	.0196	.00003	.00090
%RSD	.20265	64.314	2.2882	9.5714	.81147	.19479	30.707
#1	78.061	.00031	.00193	.00473	2.4027	.01349	.00231
#2	78.285	.00083	.00200	.00542	2.4304	.01353	.00358

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	6.2369	1.8778	.01320	.01080	8.8854	9.4044
SDev	.00191	.0070	.0035	.00039	.00036	.0237	.0041
%RSD	113.89	.11223	.18795	2.9363	3.2982	.26676	.04311
#1	.00302	6.2319	1.8753	.01292	.01105	8.8686	9.4015
#2	.00033	6.2418	1.8803	.01347	.01055	8.9021	9.4072

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	41.852	38.337	.28978	-.00216	.00165	.00263
SDev	.00025	.079	.029	.00056	.00012	.00138	.00009
%RSD	37.732	.18838	.07595	.19465	5.6515	83.468	3.4181
#1	-.00083	41.797	38.316	.28938	-.00224	.00263	.00257
#2	-.00048	41.908	38.357	.29018	-.00207	.00068	.00269

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00562	.00904	.00265	.00309	.00259	.00122
SDev	.00038	.00013	.00068	.00102	.00182	.00195
%RSD	6.6727	1.3942	25.562	32.908	70.472	159.97
#1	.00536	.00895	.00217	.00237	.00387	.00260
#2	.00589	.00913	.00313	.00381	.00130	-.00016

Analysis Report 01/31/12 01:10:31 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25176	--	--	--	--	--	--
SDev	64.34672	--	--	--	--	--	--
%RSD	.2555825	--	--	--	--	--	--

#1	25222	--	--	--	--	--	--
#2	25131	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49551-c-5-a Operator: SRP
Run Time: 01/31/12 13:10:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10029	.00037	.02024	.22475	-.00050	.46807	-.00008
SDev	.00042	.00088	.00177	.00043	.00002	.00108	.00012
%RSD	.42219	238.30	8.7363	.19313	4.1560	.23108	156.15
#1	.09999	-.00025	.02149	.22506	-.00052	.46730	-.00016
#2	.10059	.00099	.01899	.22444	-.00049	.46883	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	131.53	.00009	.00155	.00071	2.0074	.02513	-.00004
SDev	.05	.00007	.00017	.00013	.0047	.00001	.00051
%RSD	.04004	81.521	10.758	18.604	.23531	.03287	1278.2
#1	131.57	.00014	.00143	.00062	2.0108	.02513	.00032
#2	131.49	.00004	.00166	.00080	2.0041	.02512	-.00040

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	11.090	.69722	.00173	.00284	9.9136	10.491
SDev	.00282	.012	.00034	.00009	.00069	.0197	.011
%RSD	518.30	.10801	.04866	5.2528	24.196	.19851	.10755
#1	-.00145	11.099	.69746	.00179	.00235	9.9275	10.499
#2	.00254	11.082	.69698	.00166	.00332	9.8996	10.483

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	90.356	79.134	.68177	-.00134	.00091	.00142
SDev	.00031	.020	.064	.00105	.00155	.00034	.00035
%RSD	35.675	.02194	.08046	.15381	115.61	36.970	24.727
#1	-.00110	90.342	79.179	.68251	-.00024	.00067	.00167
#2	-.00066	90.370	79.089	.68103	-.00244	.00115	.00117

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	.00083	.00001	-.00007	.00233	-.00035
SDev	.00027	.00007	.00097	.00028	.00575	.00135
%RSD	26.152	7.9773	7435.0	417.32	247.13	387.97

#1	.00124	.00088	.00070	.00013	-.00174	-.00130
#2	.00085	.00078	-.00067	-.00026	.00640	.00061

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24766	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--

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 %RSD    .0285515  --        --        --        --        --        --

 #1      24761     --        --        --        --        --        --
 #2      24771     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-49551-c-7-a        Operator: SRP
Run Time: 01/31/12 13:14:26
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .03994    -.00038   .04953    .17886    -.00047   1.4517    -.00001
 SDev    .00010     .00117   .00060    .00017     .00001    .0005     .00003
 %RSD    .23759    308.61    1.2096    .09448    1.2323    .03540    383.77

 #1      .03987    -.00121   .04995    .17898    -.00048   1.4520    .00001
 #2      .04001    .00045    .04910    .17874    -.00047   1.4513    -.00003

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    70.121    .00043    .00358    .00135    1.2474    .02273    .00051
 SDev      .072    .00005    .00013    .00010     .0072    .00011    .00025
 %RSD    .10244    11.734    3.5243    7.5654    .57536    .47379    49.126

 #1      70.071    .00039    .00349    .00128    1.2525    .02265    .00034
 #2      70.172    .00046    .00367    .00142    1.2423    .02280    .00069

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00120    11.335    .17679    .00850    .00638    75.394    9.8667
 SDev    .00270      .011    .00049    .00090    .00068      .058     .0081
 %RSD    223.96    .09353    .27504    10.638    10.724    .07703    .08258

 #1      .00311    11.343    .17645    .00786    .00686    75.435    9.8725
 #2      -.00070   11.328    .17714    .00914    .00590    75.353    9.8610

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00064   114.49    98.698    .32912    -.00190   .00085    -.00028
 SDev     .00003      .07      .163    .00004     .00031   .00101     .00001
 %RSD    4.9547    .06388    .16525    .01152    16.081    119.01    2.9701

 #1      -.00061   114.54    98.814    .32909    -.00212   .00156    -.00028
 #2      -.00066   114.44    98.583    .32914    -.00168   .00013    -.00027

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2

Analysis Report                          01/31/12 01:18:14 PM        page 19


 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00143    .00205    .00050    .00052    -.00010   .00186
 SDev    .00001    .00015    .00043    .00016     .00102   .00456
 %RSD    .64244    7.3408    85.668    31.492    972.04    245.04

 #1      .00142    .00194    .00020    .00040    -.00082   .00508
 #2      .00144    .00215    .00081    .00064    .00062    -.00136

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
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Avge	24806	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0370579	--	--	--	--	--	--
#1	24812	--	--	--	--	--	--
#2	24799	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-a-1-a Operator: SRP
Run Time: 01/31/12 13:18:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04491	.00030	.00296	.18491	-.00050	.06609	.00063
SDev	.00075	.00100	.00244	.00001	.00001	.00212	.00010
%RSD	1.6611	337.79	82.325	.00686	1.4871	3.2022	16.528
#1	.04544	-.00041	.00468	.18492	-.00050	.06759	.00070
#2	.04439	.00100	.00124	.18490	-.00049	.06459	.00056

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	241.69	.00966	.00061	.00016	.10639	.06186	.00029
SDev	.95	.00024	.00009	.00031	.00670	.00014	.00081
%RSD	.39373	2.4542	13.999	190.64	6.2956	.21787	281.14
#1	242.37	.00983	.00055	.00038	.11112	.06195	-.00028
#2	241.02	.00950	.00067	-.00006	.10165	.06176	.00086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00635	48.955	.10049	.00258	.00739	11.499	33.895
SDev	.00033	.175	.00026	.00059	.00072	.010	.069
%RSD	5.1877	.35668	.25352	22.739	9.7253	.08962	.20258
#1	.00659	49.079	.10067	.00299	.00790	11.506	33.943
#2	.00612	48.832	.10031	.00216	.00688	11.492	33.846

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	522.92	330.52	3.3832	-.00054	.00034	-.00098
SDev	.00032	.70	.72	.0030	.00001	.00043	.00010
%RSD	37.690	.13461	.21853	.08903	1.6915	125.84	10.094

#1	-.00062	523.42	331.03	3.3853	-.00054	.00004	-.00091
#2	-.00108	522.42	330.01	3.3810	-.00053	.00064	-.00105

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00259	.01433	-.00204	.00145	.00777	.00564
SDev	.00018	.00003	.00016	.00113	.00201	.00150
%RSD	6.8703	.20323	7.7794	77.840	25.853	26.558
#1	.00246	.01435	-.00215	.00065	.00635	.00670
#2	.00271	.01431	-.00193	.00225	.00919	.00458

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24230	--	--	--	--	--	--
SDev	20.50610	--	--	--	--	--	--
%RSD	.0846328	--	--	--	--	--	--
#1	24215	--	--	--	--	--	--
#2	24244	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-a-1-b du Operator: SRP
Run Time: 01/31/12 13:22:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04405	.00144	.00238	.18421	-.00052	.06452	.00068
SDev	.00134	.00111	.00190	.00002	.00001	.00004	.00019
%RSD	3.0317	76.820	79.941	.00831	1.7029	.06449	28.129
#1	.04311	.00222	.00103	.18420	-.00051	.06449	.00055
#2	.04500	.00066	.00372	.18422	-.00053	.06455	.00082

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	242.02	.00978	.00067	.00168	.11417	.06198	-.00058
SDev	.20	.00006	.00000	.00003	.00839	.00010	.00050
%RSD	.08321	.61611	.03383	1.6800	7.3511	.16061	86.400
#1	242.17	.00982	.00067	.00166	.12011	.06191	-.00093
#2	241.88	.00974	.00067	.00170	.10824	.06205	-.00022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00815	49.029	.10065	.00234	.00739	11.518	33.858
SDev	.00046	.021	.00002	.00037	.00028	.025	.032
%RSD	5.5773	.04189	.02015	15.725	3.7816	.21783	.09548
#1	.00783	49.044	.10063	.00208	.00719	11.500	33.835
#2	.00848	49.015	.10066	.00260	.00759	11.536	33.880

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00062	522.91	330.38	3.3930	.00180	.00083	-.00104
SDev	.00000	.47	.53	.0001	.00367	.00004	.00002
%RSD	.05525	.08945	.16111	.00414	204.01	4.9871	2.3975
#1	-.00062	523.24	330.76	3.3931	-.00080	.00080	-.00102
#2	-.00062	522.58	330.00	3.3929	.00440	.00086	-.00106

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.01462	-.00083	-.00045	.00999	.00724
SDev	.00028	.00012	.00011	.00080	.00160	.00012
%RSD	12.395	.79633	12.769	178.54	16.028	1.6333
#1	.00207	.01470	-.00076	-.00101	.00886	.00732
#2	.00246	.01454	-.00091	.00012	.01112	.00715

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24171	--	--	--	--	--	--
SDev	22.62742	--	--	--	--	--	--
%RSD	.0936139	--	--	--	--	--	--
#1	24155	--	--	--	--	--	--
#2	24187	--	--	--	--	--	--

Analysis Report 01/31/12 01:30:37 PM page 1

Method: 20076010 Sample Name: 600-49538-a-1-c ms Operator: SRP
Run Time: 01/31/12 13:26:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.509	1.0318	1.0513	1.1978	.47864	1.1347	.48582
SDev	.006	.0019	.0001	.0020	.00042	.0004	.00162
%RSD	.06162	.18838	.00930	.16855	.08768	.03399	.33335
#1	10.514	1.0305	1.0514	1.1992	.47894	1.1344	.48697
#2	10.505	1.0332	1.0513	1.1963	.47835	1.1350	.48468

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	241.04	.94349	.93924	1.0094	9.9657	.66586	.95901
SDev	.14	.00108	.00086	.0019	.0028	.00089	.00069
%RSD	.05864	.11440	.09164	.18887	.02858	.13435	.07215
#1	241.14	.94425	.93984	1.0107	9.9637	.66649	.95950
#2	240.94	.94273	.93863	1.0081	9.9677	.66522	.95852

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0421	56.692	1.0440	1.0197	1.0693	26.519	34.240
SDev	.0031	.034	.0008	.0049	.0029	.059	.041
%RSD	.29798	.06010	.07434	.47976	.26670	.22204	.12020
#1	1.0443	56.716	1.0445	1.0162	1.0673	26.561	34.269
#2	1.0399	56.668	1.0434	1.0232	1.0713	26.478	34.211

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51728	530.78	335.56	3.8779	1.0499	1.0135	.99892
SDev	.00042	.15	.60	.0058	.0024	.0018	.00137
%RSD	.08032	.02873	.17765	.15012	.22567	.17895	.13716
#1	.51757	530.89	335.98	3.8821	1.0483	1.0148	.99989
#2	.51699	530.67	335.14	3.8738	1.0516	1.0122	.99795

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98644	1.0302	.90536	.98583	.99176	1.0672
SDev	.00025	.0016	.00136	.00036	.00304	.0062
%RSD	.02496	.15547	.15020	.03631	.30708	.57911
#1	.98661	1.0314	.90632	.98608	.98961	1.0716
#2	.98626	1.0291	.90440	.98558	.99391	1.0628

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23910	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1744811	--	--	--	--	--	--

Analysis Report 01/31/12 01:30:37 PM page 2

#1	23881	--	--	--	--	--	--
#2	23940	--	--	--	--	--	--

Analysis Report 01/31/12 01:35:12 PM page 1

Method: 20076010 Sample Name: 600-49538-a-1-d msd Operator: SRP
Run Time: 01/31/12 13:31:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.965	1.0801	1.0965	1.2486	.50026	1.1818	.50732
SDev	.207	.0195	.0161	.0232	.00897	.0213	.00884
%RSD	1.8858	1.8013	1.4727	1.8551	1.7939	1.8007	1.7417
#1	10.819	1.0663	1.0851	1.2322	.49391	1.1668	.50107
#2	11.111	1.0938	1.1079	1.2650	.50660	1.1969	.51357

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	250.18	.98549	.97983	1.0514	10.391	.69554	.99993
SDev	4.48	.01734	.01739	.0190	.188	.01317	.01620
%RSD	1.7899	1.7591	1.7743	1.8060	1.8112	1.8929	1.6203
#1	247.01	.97324	.96754	1.0379	10.258	.68623	.98848
#2	253.35	.99775	.99212	1.0648	10.524	.70485	1.0114

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0806	58.872	1.0893	1.0667	1.1071	27.633	35.385
SDev	.0235	1.040	.0196	.0232	.0293	.544	.642
%RSD	2.1712	1.7672	1.7950	2.1776	2.6434	1.9676	1.8140
#1	1.0640	58.137	1.0755	1.0503	1.0864	27.249	34.931
#2	1.0972	59.608	1.1031	1.0831	1.1278	28.018	35.839

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53987	551.55	347.23	4.0287	1.1003	1.0573	1.0418
SDev	.00937	9.92	5.39	.0782	.0277	.0198	.0192
%RSD	1.7361	1.7993	1.5513	1.9402	2.5192	1.8726	1.8433
#1	.53324	544.53	343.42	3.9734	1.0807	1.0433	1.0282
#2	.54650	558.57	351.04	4.0839	1.1199	1.0713	1.0553

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0297	1.0755	.94346	1.0282	1.0276	1.1071

SDev	.0186	.0188	.01692	.0158	.0220	.0242
%RSD	1.8081	1.7438	1.7938	1.5407	2.1372	2.1870
#1	1.0165	1.0623	.93150	1.0170	1.0121	1.0899
#2	1.0428	1.0888	.95543	1.0394	1.0432	1.1242

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23536	--	--	--	--	--	--
SDev	340.8255	--	--	--	--	--	--
%RSD	1.448103	--	--	--	--	--	--

#1	23777	--	--	--	--	--
#2	23295	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-a-2-a Operator: SRP
Run Time: 01/31/12 13:35:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06788	.00109	.00227	.05004	-.00063	.07137	.00518
SDev	.00279	.00286	.00026	.00005	.00000	.00123	.00022
%RSD	4.1041	263.06	11.408	.09175	.43286	1.7246	4.3541
#1	.06985	.00311	.00209	.05007	-.00063	.07224	.00534
#2	.06591	-.00093	.00245	.05001	-.00063	.07050	.00502

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	654.84	.00084	.00746	-.00090	.21136	.06510	-.00073
SDev	5.81	.00012	.00058	.00042	.01517	.00001	.00077
%RSD	.88799	13.633	7.8296	47.358	7.1774	.01118	106.17
#1	658.95	.00092	.00788	-.00060	.22208	.06511	-.00127
#2	650.72	.00076	.00705	-.00120	.20063	.06510	-.00018

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02749	159.64	.00982	.00756	.01646	12.555	39.673
SDev	.00468	1.13	.00003	.00134	.00027	.013	.185
%RSD	17.029	.70576	.27671	17.666	1.6450	.10288	.46675
#1	.03080	160.43	.00984	.00850	.01665	12.546	39.803
#2	.02418	158.84	.00980	.00661	.01626	12.564	39.542

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	1429.7	615.03	10.149	.00577	.00260	-.00358
SDev	.00059	3.6	5.21	.021	.00362	.00001	.00017
%RSD	63.614	.25156	.84634	.20927	62.738	.39732	4.6517
#1	-.00051	1432.3	618.71	10.164	.00834	.00259	-.00346
#2	-.00135	1427.2	611.35	10.134	.00321	.00260	-.00369

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.09953	-.00402	.00092	.02591	.02827
SDev	.00002	.00069	.00258	.00013	.00527	.00439
%RSD	2.5618	.69109	64.147	14.105	20.335	15.514
#1	.00059	.10002	-.00584	.00101	.02964	.03137
#2	.00057	.09905	-.00219	.00083	.02219	.02517

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22207	--	--	--	--	--	--
SDev	83.43860	--	--	--	--	--	--
%RSD	.3757311	--	--	--	--	--	--
#1	22148	--	--	--	--	--	--
#2	22266	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 13:39:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4913	.49909	.50404	.50920	.48325	.50353	.50880
SDev	.0219	.00494	.00637	.00473	.00494	.00411	.00577
%RSD	.88024	.99062	1.2635	.92919	1.0233	.81697	1.1339
#1	2.4758	.49559	.49953	.50585	.47976	.50062	.50472
#2	2.5069	.50258	.50854	.51254	.48675	.50644	.51288

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.496	.48202	.47889	.49026	2.5317	.48078	.49171
SDev	.103	.00436	.00513	.00507	.0214	.00468	.00336
%RSD	.82424	.90456	1.0709	1.0340	.84585	.97365	.68242
#1	12.423	.47893	.47526	.48668	2.5165	.47747	.48934
#2	12.569	.48510	.48252	.49385	2.5468	.48409	.49409

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50144	4.8499	.48424	.50522	.56855	12.292	.99413
SDev	.00694	.0387	.00454	.00467	.00505	.125	.01191
%RSD	1.3841	.79846	.93776	.92379	.88881	1.0199	1.1983
#1	.49654	4.8225	.48103	.50192	.56498	12.203	1.0026
#2	.50635	4.8773	.48745	.50852	.57213	12.381	.98571

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24769	12.676	12.196	.25476	.52389	.49530	.50622
SDev	.00213	.034	.095	.00234	.01128	.00555	.00501
%RSD	.86042	.27172	.78200	.91750	2.1539	1.1201	.99006

#1	.24618	12.651	12.128	.25310	.51591	.49138	.50268
#2	.24920	12.700	12.263	.25641	.53187	.49923	.50977

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49352	.50980	.46534	.50490	.47965	.51240
SDev	.00382	.00446	.00135	.00436	.00522	.00780
%RSD	.77434	.87508	.29078	.86290	1.0893	1.5220
#1	.49081	.50665	.46438	.50182	.47595	.50688

#2	.49622	.51296	.46629	.50798	.48334	.51791	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25255	--	--	--	--	--	--
SDev	195.1615	--	--	--	--	--	--
%RSD	.7727637	--	--	--	--	--	--
#1	25393	--	--	--	--	--	--
#2	25117	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 13:42:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03695	.00095	.00052	.00030	-.00017	.00404	.00018
SDev	.00248	.00055	.00079	.00010	.00004	.00049	.00008
%RSD	6.7202	58.080	152.51	33.774	21.526	12.154	43.118
#1	.03870	.00135	-.00004	.00023	-.00019	.00369	.00013
#2	.03519	.00056	.00108	.00037	-.00014	.00439	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00216	.00029	-.00055	-.00106	-.03020	.00077	.00044
SDev	.00477	.00027	.00016	.00018	.00495	.00001	.00020
%RSD	220.99	91.713	28.517	17.172	16.400	1.7494	45.537
#1	-.00121	.00048	-.00044	-.00094	-.02670	.00077	.00058
#2	.00553	.00010	-.00066	-.00119	-.03371	.00076	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00337	-.00185	.00029	.00209	.00037	-.06875	.00740
SDev	.00143	.00046	.00003	.00083	.00041	.00732	.00148
%RSD	42.451	24.890	10.140	39.700	110.56	10.652	19.951
#1	.00439	-.00218	.00031	.00268	.00008	-.06357	.00844
#2	.00236	-.00153	.00027	.00151	.00066	-.07392	.00635

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	-.07956	.07952	.00016	.00462	-.00144	.00038
SDev	.00024	.00855	.00104	.00008	.00018	.00084	.00002

%RSD	47.049	10.744	1.3144	49.003	3.9895	58.211	5.4782
#1	-.00034	-.07351	.07878	.00011	.00449	-.00085	.00037
#2	-.00069	-.08560	.08026	.00022	.00475	-.00203	.00040

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	-.00228	-.00357	.00245	-.00219	.00616

SDev	.00001	.00006	.00282	.00111	.00013	.00208
%RSD	2.3719	2.6652	79.042	45.268	5.9604	33.839
#1	.00047	-.00232	-.00157	.00166	-.00210	.00763
#2	.00045	-.00223	-.00556	.00323	-.00228	.00468

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25384	--	--	--	--	--	--
SDev	148.4924	--	--	--	--	--	--
%RSD	.5849844	--	--	--	--	--	--
#1	25279	--	--	--	--	--	--
#2	25489	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-a-3-a Operator: SRP
Run Time: 01/31/12 13:46:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09336	-.00109	.00003	.09259	-.00060	.11632	.00341
SDev	.00377	.00127	.00005	.00041	.00002	.00024	.00011
%RSD	4.0403	116.05	165.10	.44019	3.5394	.20694	3.1193
#1	.09069	-.00020	-.00001	.09230	-.00061	.11615	.00348
#2	.09602	-.00199	.00007	.09288	-.00058	.11649	.00333

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	615.32	-.00050	.00884	.00140	.24794	.06949	-.00021
SDev	.97	.00003	.00026	.00003	.00746	.00018	.00018
%RSD	.15747	5.4784	2.9238	2.0228	3.0101	.26677	87.446
#1	616.00	-.00048	.00902	.00142	.25321	.06936	-.00033
#2	614.63	-.00052	.00866	.00138	.24266	.06962	-.00008

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00945	131.22	.40384	.00304	.02600	19.726	41.202
SDev	.00235	.03	.00012	.00000	.00055	.073	.066
%RSD	24.890	.02117	.03029	.11608	2.0986	.37259	.15909
#1	.01112	131.23	.40375	.00304	.02639	19.674	41.155
#2	.00779	131.20	.40392	.00304	.02562	19.778	41.248

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00125	1243.5	572.08	7.7513	.00151	-.00050	-.00325
SDev	.00017	1.9	2.41	.0233	.00136	.00052	.00001
%RSD	13.726	.15598	.42212	.30012	89.489	103.67	.44374
#1	-.00113	1242.1	573.78	7.7349	.00247	-.00013	-.00324
#2	-.00137	1244.8	570.37	7.7678	.00056	-.00087	-.00326

Analysis Report 01/31/12 01:50:36 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00205	.06871	-.00239	.00088	.01186	.00825
SDev	.00019	.00007	.00037	.00045	.00082	.00394
%RSD	9.4339	.10319	15.409	51.298	6.9009	47.748
#1	.00219	.06866	-.00213	.00056	.01128	.01103
#2	.00191	.06876	-.00264	.00120	.01244	.00546

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22908	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.1419893	--	--	--	--	--	--
#1	22931	--	--	--	--	--	--
#2	22885	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-a-4-a Operator: SRP
Run Time: 01/31/12 13:50:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06622	.00195	.00160	.14209	-.00072	.10096	.00047
SDev	.00037	.00330	.00114	.00001	.00000	.00027	.00018
%RSD	.55375	169.33	71.181	.00322	.42554	.27171	38.036
#1	.06596	-.00038	.00241	.14209	-.00072	.10077	.00035
#2	.06647	.00428	.00080	.14209	-.00072	.10115	.00060

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	550.39	-.00020	.01061	.00029	.17140	.10687	-.00117
SDev	.36	.00014	.00023	.00036	.00509	.00012	.00166
%RSD	.06565	68.576	2.2066	125.98	2.9696	.11275	141.67
#1	550.65	-.00029	.01078	.00003	.17500	.10696	.00000
#2	550.14	-.00010	.01045	.00054	.16780	.10679	-.00234

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05559	108.28	2.6633	.00253	.01950	20.898	38.288
SDev	.00042	.08	.0015	.00082	.00016	.036	.008
%RSD	.75937	.07651	.05467	32.511	.84619	.17107	.02037
#1	.05529	108.34	2.6643	.00311	.01962	20.923	38.294
#2	.05589	108.22	2.6622	.00195	.01938	20.872	38.283

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00087	1084.0	526.90	6.7836	.00210	-.00160	-.00317
SDev	.00024	1.0	.97	.0016	.00204	.00140	.00004

%RSD	27.637	.09594	.18328	.02357	97.326	87.261	1.2537
#1	-.00104	1084.8	527.59	6.7847	.00065	-.00061	-.00320
#2	-.00070	1083.3	526.22	6.7824	.00354	-.00259	-.00314

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00220	.02874	-.00257	-.00047	.05859	.05409
SDev	.00039	.00020	.00201	.00148	.00026	.00050
%RSD	17.555	.69614	78.108	315.54	.44300	.93074
#1	.00193	.02888	-.00115	.00058	.05841	.05373
#2	.00248	.02860	-.00399	-.00152	.05878	.05444

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22720	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0684698	--	--	--	--	--	--
#1	22709	--	--	--	--	--	--
#2	22731	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49538-a-5-a Operator: SRP
Run Time: 01/31/12 13:54:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08761	-.00034	.00705	.06892	-.00067	.11004	.00101
SDev	.00057	.00186	.00291	.00013	.00002	.00089	.00011
%RSD	.65517	547.52	41.310	.18661	3.0548	.80483	10.498
#1	.08802	.00097	.00911	.06883	-.00066	.11067	.00109
#2	.08721	-.00165	.00499	.06901	-.00068	.10941	.00094

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	704.03	-.00058	.00023	.00023	.20042	.08530	.00041
SDev	2.27	.00068	.00036	.00032	.02440	.00008	.00013
%RSD	.32301	116.74	156.77	140.90	12.175	.09866	32.689
#1	705.64	-.00010	.00049	.00046	.21768	.08524	.00050
#2	702.42	-.00107	-.00003	.00000	.18317	.08536	.00031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02821	140.23	.10662	.00100	.02234	21.783	44.953
SDev	.00208	.22	.00041	.00010	.00017	.002	.389
%RSD	7.3686	.15723	.38649	9.8287	.75103	.00965	.86515
#1	.02968	140.38	.10691	.00107	.02246	21.785	44.678

#2	.02674	140.07	.10633	.00093	.02222	21.782	45.228

Analysis Report 01/31/12 01:58:18 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00089	1515.4	619.73	8.2090	.00413	.00019	-.00432
SDev	.00034	1.3	.98	.0136	.00016	.00270	.00009
%RSD	38.519	.08375	.15889	.16577	3.9050	1438.0	2.1500
#1	-.00065	1514.5	620.43	8.1993	.00401	-.00172	-.00425
#2	-.00114	1516.3	619.03	8.2186	.00424	.00210	-.00438

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.14434	-.00171	.00146	.02946	.02758
SDev	.00050	.00004	.00085	.00023	.00646	.00011
%RSD	123.32	.03013	49.610	15.465	21.915	.40138
#1	-.00005	.14431	-.00111	.00130	.03403	.02750
#2	-.00076	.14437	-.00232	.00162	.02490	.02766

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22630	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.1812293	--	--	--	--	--	--
#1	22659	--	--	--	--	--	--
#2	22601	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49538-b-1-a Operator: SRP
Run Time: 01/31/12 13:58:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.528	1.0449	1.0528	1.2101	.46699	1.1328	.48759
SDev	.038	.0028	.0033	.0029	.00085	.0002	.00029
%RSD	.36263	.27179	.30954	.24032	.18265	.01734	.05982
#1	10.555	1.0469	1.0551	1.2121	.46760	1.1330	.48780
#2	10.501	1.0428	1.0505	1.2080	.46639	1.1327	.48739

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	247.86	.93979	.92295	.99919	9.8770	1.3008	.95652
SDev	.51	.00187	.00297	.00287	.0196	.0056	.00368
%RSD	.20509	.19905	.32137	.28728	.19894	.43209	.38454
#1	248.22	.94111	.92504	1.0012	9.8909	1.3047	.95912
#2	247.50	.93846	.92085	.99716	9.8631	1.2968	.95392

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0190	58.061	1.0529	1.0086	1.1045	27.019	35.631
SDev	.0054	.147	.0023	.0006	.0051	.160	.172
%RSD	.52999	.25302	.21429	.06286	.45858	.59320	.48194

#1	1.0228	58.165	1.0545	1.0081	1.1081	27.133	35.752
#2	1.0152	57.957	1.0513	1.0090	1.1009	26.906	35.510
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51006	550.75	341.64	4.0114	1.0426	.99329	.99643
SDev	.00184	2.48	1.06	.0104	.0040	.00679	.00151
%RSD	.36120	.45001	.31037	.25805	.38580	.68354	.15185
#1	.51136	552.50	342.39	4.0187	1.0398	.99809	.99750
#2	.50875	549.00	340.89	4.0041	1.0454	.98849	.99536
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.97043	1.0329	.89894	.98531	.96270	1.0471	
SDev	.00181	.0017	.00758	.00173	.01383	.0012	
%RSD	.18636	.16025	.84286	.17547	1.4366	.11322	
#1	.97171	1.0341	.90429	.98653	.97248	1.0480	
#2	.96915	1.0317	.89358	.98409	.95292	1.0463	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23792	--	--	--	--	--	--
SDev	101.1163	--	--	--	--	--	--
%RSD	.4250101	--	--	--	--	--	--
#1	23720	--	--	--	--	--	--
#2	23863	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49538-b-1-a@5 Operator: SRP
Run Time: 01/31/12 14:02:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06083	.00214	.00100	.04761	-.00054	.01901	.00012
SDev	.00193	.00058	.00080	.00000	.00001	.00072	.00013
%RSD	3.1644	26.965	80.047	.00560	1.2951	3.8061	105.14
#1	.05947	.00173	.00157	.04761	-.00053	.01952	.00003
#2	.06220	.00255	.00044	.04761	-.00054	.01850	.00021
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.206	.00260	-.00001	-.00087	.03446	.01434	-.00021
SDev	.049	.00003	.00012	.00023	.00340	.00007	.00011
%RSD	.07799	.98931	1138.1	26.730	9.8607	.48502	53.320
#1	63.171	.00262	-.00010	-.00071	.03205	.01429	-.00029
#2	63.241	.00258	.00008	-.00104	.03686	.01439	-.00013
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00336	12.518	.02598	.00388	.00226	2.1960	8.4173
SDev	.00193	.004	.00001	.00131	.00019	.0003	.0060
%RSD	57.410	.02940	.03979	33.790	8.3274	.01299	.07167
#1	.00472	12.520	.02599	.00481	.00239	2.1962	8.4216
#2	.00199	12.515	.02598	.00296	.00213	2.1958	8.4131

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	108.79	92.180	.83994	.00615	.00007	.00030
SDev	.00000	.30	.056	.00125	.00185	.00121	.00003
%RSD	.02611	.27948	.06114	.14899	30.002	1814.3	8.4420
#1	-.00043	108.57	92.141	.83906	.00746	.00092	.00028
#2	-.00043	109.00	92.220	.84083	.00485	-.00079	.00032

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.00378	-.00065	.00001	.00364	.00322
SDev	.00019	.00003	.00005	.00014	.00300	.00139
%RSD	26.103	.77401	8.1943	977.71	82.260	43.331
#1	.00087	.00376	-.00069	-.00008	.00576	.00420
#2	.00060	.00380	-.00061	.00011	.00152	.00223

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25013	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0395774	--	--	--	--	--	--
#1	25006	--	--	--	--	--	--
#2	25020	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 14:06:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4595	.49711	.49403	.50577	.47135	.49755	.50076
SDev	.0023	.00181	.00093	.00006	.00028	.00075	.00018
%RSD	.09342	.36326	.18812	.01081	.06000	.15104	.03672
#1	2.4612	.49838	.49469	.50573	.47155	.49702	.50089
#2	2.4579	.49583	.49337	.50581	.47115	.49808	.50063

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.214	.47247	.46821	.48281	2.5002	.47862	.48263
SDev	.016	.00009	.00044	.00068	.0125	.00024	.00005
%RSD	.12890	.01947	.09443	.14056	.49922	.05019	.01080

Analysis Report Blank Sample 01/31/12 02:09:51 PM page 11

#1	12.225	.47253	.46853	.48329	2.5090	.47845	.48259
#2	12.203	.47240	.46790	.48233	2.4913	.47879	.48267

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49415	4.7323	.47578	.49949	.56097	12.211	.97499
SDev	.00129	.0105	.00016	.00171	.00211	.002	.01142
%RSD	.26152	.22201	.03434	.34295	.37529	.01964	1.1713
#1	.49324	4.7398	.47589	.50070	.56246	12.210	.98306
#2	.49507	4.7249	.47566	.49828	.55948	12.213	.96691

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24499	12.571	12.157	.25306	.51560	.48366	.49917
SDev	.00061	.051	.007	.00002	.00017	.00095	.00005
%RSD	.24757	.40245	.05809	.00789	.03284	.19691	.00979
#1	.24542	12.536	12.152	.25304	.51548	.48299	.49914
#2	.24456	12.607	12.162	.25307	.51572	.48433	.49921

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48505	.50175	.45510	.49639	.46988	.50634
SDev	.00036	.00048	.00207	.00111	.00000	.00194
%RSD	.07507	.09564	.45478	.22423	.00081	.38323
#1	.48479	.50208	.45657	.49560	.46988	.50497
#2	.48531	.50141	.45364	.49718	.46988	.50772

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25528	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0858694	--	--	--	--	--	--
#1	25512	--	--	--	--	--	--
#2	25543	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 14:09:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04084	.00258	.00130	.00022	-.00035	.00342	.00007
SDev	.00024	.00242	.00115	.00006	.00001	.00077	.00002
%RSD	.59023	93.799	88.103	29.272	3.5407	22.478	21.660
#1	.04101	.00429	.00049	.00026	-.00036	.00397	.00006
#2	.04067	.00087	.00212	.00017	-.00034	.00288	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00704	.00031	.00014	-.00123	-.00554	.00061	.00021
SDev	.00136	.00005	.00000	.00010	.00199	.00005	.00020
%RSD	19.359	15.832	.18807	8.1174	35.965	8.5860	95.141
#1	-.00801	.00034	.00014	-.00116	-.00413	.00065	.00035
#2	-.00608	.00027	.00014	-.00130	-.00695	.00058	.00007

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00306	-.00605	.00019	.00243	.00048	-.08086	.01445
SDev	.00093	.00178	.00005	.00026	.00026	.00582	.00299
%RSD	30.471	29.365	28.369	10.860	54.565	7.1942	20.665
#1	.00240	-.00479	.00023	.00261	.00066	-.07675	.01656
#2	.00372	-.00730	.00015	.00224	.00029	-.08497	.01234

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.03339	.06895	.00008	.00318	.00019	.00037
SDev	.00000	.01677	.00499	.00001	.00465	.00053	.00016
%RSD	.34576	50.216	7.2403	7.3357	146.08	283.20	42.658
#1	-.00004	.04524	.07247	.00007	.00647	.00056	.00048
#2	-.00004	.02153	.06542	.00008	-.00010	-.00019	.00026

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	-.00240	.00144	-.00040	.00590	.00164
SDev	.00009	.00016	.00090	.00075	.00464	.00372
%RSD	14.120	6.6270	62.999	187.22	78.695	226.34
#1	.00071	-.00229	.00080	.00013	.00919	-.00099
#2	.00058	-.00251	.00207	-.00093	.00262	.00428

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25629	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0938064	--	--	--	--	--	--
#1	25612	--	--	--	--	--	--
#2	25646	--	--	--	--	--	--

Analysis Report 01/31/12 02:19:28 PM page 1

Method: 20076010 Sample Name: mb 600-71161/1-a Operator: SRP
Run Time: 01/31/12 14:15:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03816	.00129	.00023	.00138	-.00048	.00237	-.00019
SDev	.00018	.00181	.00110	.00009	.00005	.00003	.00006
%RSD	.46113	140.09	486.20	6.5840	11.334	1.4899	32.516
#1	.03828	.00257	.00101	.00132	-.00052	.00234	-.00015
#2	.03803	.00001	-.00055	.00145	-.00044	.00239	-.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01160	.00017	-.00029	-.00106	-.02059	.00046	.00001
SDev	.00318	.00034	.00020	.00007	.00564	.00002	.00007
%RSD	27.463	197.51	70.127	6.3495	27.369	5.1426	615.91
#1	-.01385	-.00007	-.00014	-.00101	-.01661	.00044	.00006
#2	-.00934	.00041	-.00043	-.00111	-.02458	.00047	-.00004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	-.01203	.00012	.00031	-.00001	-.09751	.00771
SDev	.00137	.00207	.00000	.00017	.00077	.00122	.00029
%RSD	136.34	17.202	.14869	57.060	8549.6	1.2484	3.7992
#1	.00004	-.01349	.00012	.00018	.00054	-.09838	.00792
#2	.00197	-.01056	.00012	.00043	-.00056	-.09665	.00751

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	-.04888	.05883	.00005	.00039	.00065	.00026
SDev	.00024	.05079	.00226	.00007	.00167	.00098	.00005
%RSD	47.176	103.90	3.8440	155.52	428.54	150.28	19.001
#1	-.00034	-.01297	.05723	-.00000	-.00079	.00135	.00023
#2	-.00069	-.08479	.06043	.00010	.00157	-.00004	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	-.00072	-.00104	.00054	-.00115	.00208
SDev	.00009	.00014	.00086	.00053	.00286	.00062
%RSD	70.149	19.834	81.884	98.116	248.82	29.985
#1	.00006	-.00082	-.00165	.00091	-.00317	.00164
#2	.00019	-.00062	-.00044	.00016	.00087	.00252

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25546	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0692007	--	--	--	--	--	--

#1	25533	--	--	--	--	--	--
#2	25558	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71161/2-a Operator: SRP
Run Time: 01/31/12 14:19:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.047	1.0212	1.0378	1.0506	.49347	1.0373	.52653
SDev	.018	.0043	.0032	.0009	.00039	.0001	.00002
%RSD	.18226	.42479	.30731	.08986	.07879	.00958	.00371

#1	10.060	1.0181	1.0401	1.0513	.49375	1.0374	.52652
#2	10.034	1.0243	1.0356	1.0499	.49320	1.0373	.52654
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.331	.98892	.98493	.99819	10.509	.48725	1.0117
SDev	.005	.00084	.00081	.00247	.003	.00076	.0001
%RSD	.05239	.08475	.08271	.24737	.02665	.15669	.01092
#1	10.335	.98952	.98551	.99994	10.511	.48779	1.0117
#2	10.328	.98833	.98436	.99644	10.507	.48671	1.0118
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0139	9.9469	.99788	1.0385	1.1640	10.130	.96034
SDev	.0026	.0174	.00081	.0013	.0069	.000	.00146
%RSD	.25844	.17471	.08089	.12536	.59470	.00244	.15204
#1	1.0120	9.9592	.99845	1.0376	1.1689	10.130	.96137
#2	1.0157	9.9346	.99731	1.0394	1.1591	10.131	.95930
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51284	9.8146	10.040	.52664	1.0849	1.0073	1.0277
SDev	.00096	.0584	.018	.00060	.0039	.0006	.0009
%RSD	.18652	.59551	.17811	.11406	.36268	.05682	.08298
#1	.51352	9.7732	10.053	.52706	1.0821	1.0077	1.0283
#2	.51216	9.8559	10.027	.52622	1.0877	1.0069	1.0271
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.0103	1.0486	.94782	1.0437	.95927	1.0412	
SDev	.0007	.0001	.00518	.0028	.00479	.0063	
%RSD	.06800	.00503	.54675	.26414	.49971	.60767	
#1	1.0108	1.0486	.95148	1.0418	.96266	1.0367	
#2	1.0098	1.0487	.94416	1.0457	.95588	1.0457	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 02:23:19 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25621	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0441580	--	--	--	--	--	--
#1	25629	--	--	--	--	--	--
#2	25613	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-71135/1-b Operator: SRP
Run Time: 01/31/12 14:23:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04069	.00122	.00160	.02253	-.00051	.02786	-.00020

SDev	.00004	.00201	.00219	.00020	.00001	.00052	.00001
%RSD	.09781	165.11	136.91	.89196	2.0774	1.8628	3.9262
#1	.04066	.00264	.00005	.02239	-.00052	.02823	-.00021
#2	.04072	-.00020	.00315	.02267	-.00051	.02750	-.00020
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03119	-.00005	-.00047	.00030	-.01581	.00050	-.00011
SDev	.00173	.00021	.00023	.00015	.01120	.00009	.00034
%RSD	5.5475	407.45	48.599	49.287	70.835	17.450	321.90
#1	.02997	.00010	-.00064	.00040	-.02373	.00044	.00014
#2	.03242	-.00020	-.00031	.00019	-.00789	.00056	-.00035
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00249	-.00645	.00070	.00352	-.00013	-.10053	.77684
SDev	.00236	.00481	.00009	.00204	.00047	.02538	.00580
%RSD	94.609	74.602	12.535	58.120	351.19	25.246	.74636
#1	.00416	-.00986	.00064	.00496	-.00047	-.11848	.77274
#2	.00082	-.00305	.00076	.00207	.00020	-.08259	.78094
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	.30551	.37305	.00086	.00241	.00022	.00170
SDev	.00006	.01096	.00486	.00001	.00067	.00049	.00061
%RSD	7.6166	3.5868	1.3018	1.1683	27.680	227.79	35.541
#1	-.00076	.29776	.36961	.00085	.00194	.00056	.00128
#2	-.00068	.31326	.37648	.00087	.00289	-.00013	.00213
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00009	.00959	-.00048	.00008	.00072	.00337	
SDev	.00019	.00012	.00202	.00153	.00031	.00369	
%RSD	204.95	1.2580	418.99	1866.9	42.888	109.35	
#1	.00023	.00950	-.00191	.00116	.00050	.00598	

#2	-.00004	.00968	.00095	-.00100	.00094	.00076	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25889	--	--	--	--	--	--
SDev	251.7300	--	--	--	--	--	--
%RSD	.9723435	--	--	--	--	--	--
#1	26067	--	--	--	--	--	--
#2	25711	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49401-c-4-b Operator: SRP
Run Time: 01/31/12 14:27:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04677	.00163	-.00003	.00650	-.00053	.00805	-.00014
SDev	.00169	.00084	.00129	.00010	.00003	.00021	.00010
%RSD	3.6103	51.367	3823.8	1.5852	5.7966	2.5969	70.581
#1	.04796	.00104	.00088	.00657	-.00055	.00820	-.00007
#2	.04557	.00222	-.00095	.00643	-.00051	.00790	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35455	.00005	-.00012	-.00000	-.02316	.00038	.00033
SDev	.00246	.00017	.00028	.00014	.00720	.00001	.00086
%RSD	.69262	326.22	242.79	2980.0	31.091	1.7355	258.30
#1	.35628	.00017	.00008	.00010	-.01807	.00038	.00094
#2	.35281	-.00007	-.00032	-.00010	-.02825	.00037	-.00028

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.00020	.00046	.00136	.00005	-.12831	.03348
SDev	.00122	.00107	.00000	.00038	.00026	.00487	.00159
%RSD	298.35	547.56	.30234	27.764	509.53	3.7928	4.7504
#1	-.00128	.00056	.00046	.00109	-.00013	-.12487	.03460
#2	.00046	-.00095	.00046	.00163	.00024	-.13175	.03235

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	1.5763	1.5036	.00060	-.00026	-.00064	.00027
SDev	.00003	.1634	.0053	.00001	.00073	.00261	.00014
%RSD	3.2536	10.365	.35405	2.0459	283.72	406.64	50.347
#1	-.00086	1.6919	1.5074	.00059	.00026	.00121	.00037
#2	-.00090	1.4608	1.4998	.00061	-.00077	-.00249	.00017

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00331	-.00125	.00113	-.00216	.00046

SDev	.00000	.00010	.00307	.00024	.00407	.00387
%RSD	1.4783	2.8738	245.94	21.285	188.26	832.53
#1	.00020	.00338	.00092	.00096	.00072	-.00227
#2	.00020	.00325	-.00342	.00129	-.00504	.00320

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25530	--	--	--	--	--	--
SDev	67.17515	--	--	--	--	--	--
%RSD	.2631172	--	--	--	--	--	--
#1	25483	--	--	--	--	--	--
#2	25578	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49401-c-4-c ms Operator: SRP
Run Time: 01/31/12 14:31:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9927	1.0150	1.0206	1.0470	.48415	1.0363	.51594
SDev	.0283	.0003	.0051	.0022	.00135	.0026	.00182
%RSD	.28287	.03147	.49507	.20818	.27940	.25421	.35263
#1	10.013	1.0148	1.0241	1.0485	.48511	1.0381	.51723
#2	9.9727	1.0152	1.0170	1.0454	.48319	1.0344	.51466

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.495	.97061	.96809	.99126	10.355	.48833	.99505
SDev	.032	.00302	.00405	.00273	.042	.00097	.00082
%RSD	.30558	.31134	.41821	.27520	.40181	.19971	.08224
#1	10.518	.97275	.97096	.99319	10.385	.48902	.99563
#2	10.473	.96848	.96523	.98933	10.326	.48764	.99447

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0002	9.7795	.98166	1.0279	1.1373	10.130	.98419
SDev	.0013	.0196	.00326	.0014	.0024	.012	.00115
%RSD	.12934	.20020	.33154	.13739	.21001	.12282	.11645
#1	.99927	9.7934	.98396	1.0289	1.1389	10.139	.98500
#2	1.0011	9.7657	.97935	1.0269	1.1356	10.121	.98338

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50859	11.602	11.667	.52449	1.0737	.98968	1.0206
SDev	.00169	.110	.024	.00127	.0030	.00191	.0026
%RSD	.33321	.94577	.20483	.24242	.27606	.19316	.25647
#1	.50978	11.680	11.684	.52539	1.0716	.99103	1.0225
#2	.50739	11.524	11.650	.52359	1.0758	.98832	1.0188

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99666	1.0335	.93342	1.0259	.94297	1.0288
SDev	.00186	.0024	.00171	.0004	.00200	.0029
%RSD	.18633	.23091	.18377	.03605	.21259	.28604
#1	.99797	1.0352	.93464	1.0261	.94438	1.0267
#2	.99534	1.0318	.93221	1.0256	.94155	1.0309

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25615	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.1601101	--	--	--	--	--	--
#1	25586	--	--	--	--	--	--
#2	25644	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49401-c-4-d msd Operator: SRP
Run Time: 01/31/12 14:34:57

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9536	1.0110	1.0221	1.0430	.48281	1.0317	.51436
SDev	.0223	.0018	.0057	.0002	.00054	.0010	.00050
%RSD	.22405	.17785	.55385	.02316	.11142	.09538	.09653
#1	9.9693	1.0123	1.0261	1.0431	.48319	1.0324	.51401
#2	9.9378	1.0097	1.0181	1.0428	.48243	1.0310	.51471

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.454	.96768	.96396	.98694	10.309	.48620	.99163
SDev	.011	.00172	.00048	.00134	.025	.00016	.00199
%RSD	.10431	.17779	.04997	.13536	.24087	.03302	.20119
#1	10.462	.96889	.96430	.98789	10.327	.48631	.99304
#2	10.446	.96646	.96362	.98600	10.292	.48608	.99022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99988	9.7598	.97794	1.0232	1.1481	10.073	.97738
SDev	.00043	.0053	.00062	.0017	.0005	.015	.00106
%RSD	.04332	.05379	.06382	.17005	.04161	.15177	.10866
#1	1.0002	9.7635	.97838	1.0244	1.1484	10.084	.97813
#2	.99958	9.7561	.97750	1.0219	1.1477	10.062	.97663

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50624	11.494	11.600	.52212	1.0703	.98389	1.0140
SDev	.00038	.045	.011	.00002	.0047	.00065	.0005

%RSD	.07527	.38728	.09059	.00392	.44110	.06643	.04751
#1	.50651	11.526	11.608	.52214	1.0736	.98435	1.0143
#2	.50597	11.463	11.593	.52211	1.0670	.98343	1.0137

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99281	1.0292	.92906	1.0229	.94553	1.0271
SDev	.00131	.0013	.00329	.0013	.00163	.0015
%RSD	.13212	.12274	.35384	.13186	.17290	.14286
#1	.99374	1.0300	.93138	1.0239	.94437	1.0281
#2	.99188	1.0283	.92673	1.0220	.94668	1.0260

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25549	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0332118	--	--	--	--	--	--
#1	25543	--	--	--	--	--	--
#2	25555	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49402-a-3-b Operator: SRP
Run Time: 01/31/12 14:38:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04611	.00237	.00202	.00221	-.00058	.00882	-.00004
SDev	.00113	.00068	.00152	.00004	.00002	.00061	.00001
%RSD	2.4481	28.572	75.363	1.9074	3.0027	6.9302	32.014
#1	.04532	.00189	.00310	.00224	-.00057	.00925	-.00005
#2	.04691	.00284	.00094	.00218	-.00059	.00839	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04535	.00015	.00083	-.00072	-.00984	.00027	-.00019
SDev	.00018	.00031	.00016	.00009	.01397	.00001	.00009
%RSD	.40396	203.88	19.430	12.393	141.95	2.8926	48.504
#1	.04548	.00037	.00094	-.00066	.00004	.00028	-.00025
#2	.04522	-.00007	.00071	-.00078	-.01972	.00027	-.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00087	-.01655	.00029	.00406	-.00063	-.13978	.02276
SDev	.00315	.00094	.00003	.00122	.00013	.00599	.00148
%RSD	360.28	5.6724	9.1122	29.969	20.383	4.2835	6.5239
#1	-.00310	-.01721	.00031	.00492	-.00054	-.14402	.02381
#2	.00135	-.01588	.00027	.00320	-.00072	-.13555	.02171

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.54682	.49689	.00023	.00358	.00102	.00028
SDev	.00018	.03137	.00077	.00003	.00197	.00383	.00017
%RSD	38.727	5.7364	.15556	12.324	55.043	374.84	61.466
#1	-.00034	.52464	.49744	.00025	.00498	.00373	.00040
#2	-.00060	.56900	.49635	.00021	.00219	-.00169	.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00190	-.00103	.00023	-.00294	.00016
SDev	.00001	.00005	.00079	.00026	.00096	.00424
%RSD	2.2024	2.3778	76.132	109.41	32.483	2625.5
#1	.00048	.00187	-.00159	.00041	-.00362	-.00284
#2	.00047	.00193	-.00048	.00005	-.00227	.00316

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25560	--	--	--	--	--	--
SDev	61.51829	--	--	--	--	--	--
%RSD	.2406866	--	--	--	--	--	--
#1	25603	--	--	--	--	--	--

#2	25516	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49401-b-3-b Operator: SRP
Run Time: 01/31/12 14:42:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04354	-.00054	.00124	.00219	-.00058	.00762	-.00018
SDev	.00166	.00062	.00014	.00003	.00001	.00034	.00001
%RSD	3.8065	114.43	11.327	1.3722	1.0853	4.4854	6.5687
#1	.04472	-.00010	.00134	.00221	-.00057	.00786	-.00019
#2	.04237	-.00098	.00114	.00217	-.00058	.00737	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06601	.00007	-.00015	-.00137	-.01345	.00020	.00024
SDev	.00027	.00015	.00016	.00013	.00806	.00000	.00063
%RSD	.40744	209.85	110.55	9.6379	59.903	1.2485	263.31
#1	.06620	.00017	-.00003	-.00128	-.00775	.00020	-.00021
#2	.06582	-.00003	-.00026	-.00147	-.01915	.00019	.00068

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00305	-.01711	.00017	.00153	-.00068	-.14125	.01624
SDev	.00069	.00024	.00003	.00009	.00050	.00002	.00158
%RSD	22.609	1.3904	15.720	5.7097	73.708	.01537	9.7126

#1	.00256	-.01694	.00019	.00147	-.00033	-.14124	.01735
#2	.00354	-.01728	.00016	.00159	-.00104	-.14127	.01512

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	.64204	.60571	.00038	.00047	.00074	.00007
SDev	.00021	.11615	.00071	.00002	.00031	.00008	.00004
%RSD	39.666	18.091	.11650	5.4912	66.386	11.142	61.000
#1	-.00039	.72417	.60621	.00040	.00025	.00080	.00010
#2	-.00069	.55991	.60521	.00037	.00068	.00069	.00004

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00008	-.00009	.00040	.00169	.00373
SDev	.00018	.00008	.00028	.00108	.00443	.00118
%RSD	371.87	102.78	301.46	267.68	262.39	31.584
#1	.00008	.00014	.00010	-.00036	-.00144	.00457
#2	-.00017	.00002	-.00029	.00117	.00482	.00290

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25466	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0610867	--	--	--	--	--	--

#1	25455	--	--	--	--	--	--
#2	25477	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49402-a-4-b Operator: SRP
Run Time: 01/31/12 14:46:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04516	.00268	-.00042	.00352	-.00059	.00529	.00001
SDev	.00225	.00039	.00046	.00002	.00000	.00040	.00010
%RSD	4.9899	14.394	108.72	.46375	.43670	7.4789	1418.0
#1	.04357	.00241	-.00010	.00351	-.00059	.00557	-.00006
#2	.04675	.00295	-.00075	.00353	-.00059	.00501	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07285	-.00002	.00031	-.00105	-.02141	.00020	-.00022
SDev	.00012	.00012	.00032	.00016	.00598	.00004	.00051
%RSD	.16528	716.10	103.12	15.710	27.945	18.151	233.77
#1	.07276	-.00010	.00054	-.00117	-.01718	.00018	-.00058
#2	.07293	.00007	.00008	-.00093	-.02564	.00023	.00014

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	-.01579	.00017	.00092	-.00038	-.13064	.02112
SDev	.00220	.00180	.00003	.00029	.00053	.01495	.00034
%RSD	277.58	11.399	15.805	31.415	138.79	11.445	1.6134
#1	-.00076	-.01706	.00015	.00113	-.00001	-.14121	.02088
#2	.00235	-.01452	.00019	.00072	-.00076	-.12007	.02136

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	.43580	.39901	.00064	.00126	-.00128	.00006
SDev	.00021	.01671	.00042	.00001	.00407	.00024	.00016
%RSD	36.738	3.8352	.10623	1.9466	321.79	19.044	283.60
#1	-.00043	.44762	.39931	.00063	.00414	-.00145	-.00006
#2	-.00073	.42398	.39871	.00065	-.00161	-.00111	.00017

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00119	-.00068	.00001	.00121	.00058
SDev	.00035	.00007	.00029	.00090	.00154	.00253
%RSD	489.24	5.7283	42.055	6395.8	127.58	432.43
#1	-.00018	.00115	-.00048	-.00063	.00012	-.00120
#2	.00032	.00124	-.00088	.00065	.00230	.00237

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	25618	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.1021252	--	--	--	--	--	--
#1	25637	--	--	--	--	--	--
#2	25600	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 14:50:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4657	.50096	.49800	.50873	.47184	.50215	.50745
SDev	.0022	.00020	.00103	.00123	.00050	.00105	.00069
%RSD	.08727	.03979	.20780	.24228	.10535	.20870	.13566
#1	2.4672	.50082	.49727	.50960	.47219	.50289	.50794
#2	2.4642	.50110	.49873	.50786	.47149	.50141	.50697

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.349	.47497	.47104	.48173	2.5270	.48126	.48648
SDev	.008	.00024	.00086	.00021	.0028	.00021	.00138
%RSD	.06856	.04988	.18205	.04409	.10967	.04393	.28298

#1	12.355	.47480	.47165	.48188	2.5290	.48141	.48746
#2	12.343	.47514	.47044	.48158	2.5251	.48112	.48551

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49489	4.7585	.47894	.50177	.55071	12.286	.92278
SDev	.00046	.0035	.00090	.00326	.00436	.004	.00170
%RSD	.09346	.07393	.18897	.64915	.79108	.03106	.18477
#1	.49521	4.7610	.47958	.49946	.55379	12.283	.92399
#2	.49456	4.7560	.47830	.50407	.54763	12.288	.92157

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24570	12.582	12.231	.25578	.52523	.49074	.50174
SDev	.00009	.075	.010	.00049	.00629	.00112	.00068
%RSD	.03679	.59964	.08241	.19101	1.1982	.22893	.13460
#1	.24576	12.635	12.224	.25612	.52078	.49153	.50221
#2	.24563	12.528	12.238	.25543	.52968	.48994	.50126

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48691	.50764	.45746	.50099	.46706	.50886
SDev	.00079	.00013	.00353	.00030	.00453	.00157
%RSD	.16139	.02516	.77247	.05949	.96965	.30863
#1	.48746	.50755	.45996	.50120	.47026	.50775
#2	.48635	.50773	.45497	.50078	.46385	.50997

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25526	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.0498626	--	--	--	--	--	--
#1	25535	--	--	--	--	--	--
#2	25517	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 14:54:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04063	.00078	.00044	.00019	-.00042	.00273	-.00006
SDev	.00616	.00090	.00026	.00001	.00010	.00036	.00006
%RSD	15.160	114.79	60.465	6.7959	22.718	13.081	92.227
#1	.03627	.00015	.00025	.00020	-.00035	.00248	-.00002
#2	.04498	.00142	.00062	.00018	-.00049	.00298	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01175	.00025	-.00056	-.00170	-.03109	.00022	-.00006
SDev	.00183	.00032	.00006	.00019	.00198	.00006	.00090
%RSD	15.563	124.58	11.028	10.949	6.3715	25.432	1460.5
#1	-.01045	.00003	-.00051	-.00183	-.02969	.00018	-.00070
#2	-.01304	.00048	-.00060	-.00157	-.03249	.00026	.00057

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	-.02296	.00019	.00205	-.00015	-.16590	-.00864
SDev	.00145	.00985	.00001	.00100	.00028	.05247	.00237
%RSD	86.808	42.893	3.0003	48.902	184.43	31.626	27.420
#1	.00064	-.02993	.00018	.00275	-.00035	-.20300	-.01031
#2	.00269	-.01600	.00019	.00134	.00005	-.12880	-.00696

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	-.07734	.02259	.00004	.00041	-.00032	.00019
SDev	.00008	.03035	.00173	.00001	.00318	.00068	.00001
%RSD	9.2137	39.243	7.6603	22.258	776.17	213.13	4.0064
#1	-.00088	-.09880	.02137	.00005	.00266	-.00079	.00019
#2	-.00077	-.05588	.02382	.00004	-.00184	.00016	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	-.00266	-.00210	.00096	.00078	.00211
SDev	.00017	.00002	.00096	.00183	.00341	.00388
%RSD	52.523	.84686	45.582	190.95	434.99	183.55
#1	.00021	-.00267	-.00142	-.00033	.00319	-.00063
#2	.00045	-.00264	-.00277	.00225	-.00163	.00485

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25972	--	--	--	--	--	--
SDev	573.4636	--	--	--	--	--	--
%RSD	2.207965	--	--	--	--	--	--
#1	26378	--	--	--	--	--	--
#2	25567	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49401-c-4-b Operator: SRP
Run Time: 01/31/12 14:58:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6347	.96743	1.0001	1.0210	.46458	1.0053	.50948
SDev	.0051	.00688	.0002	.0005	.00133	.0007	.00137

%RSD	.05334	.71155	.02257	.05222	.28665	.06497	.26829
#1	9.6311	.96256	.99994	1.0214	.46364	1.0049	.50852
#2	9.6384	.97229	1.0003	1.0207	.46552	1.0058	.51045

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.185	.94985	.93608	.94969	10.030	.96084	.97291
SDev	.035	.00298	.00176	.00110	.013	.00092	.00314
%RSD	.34540	.31354	.18815	.11620	.12996	.09529	.32267
#1	10.160	.94774	.93483	.95047	10.021	.96148	.97069
#2	10.209	.95195	.93732	.94891	10.039	.96019	.97513

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96114	9.4707	.97013	.99010	1.0996	9.7943	.98036
SDev	.00041	.0315	.00211	.00363	.0009	.0018	.00162
%RSD	.04269	.33237	.21701	.36706	.08529	.01835	.16532
#1	.96143	9.4485	.96864	.98753	1.0989	9.7956	.97921
#2	.96085	9.4930	.97162	.99267	1.1002	9.7931	.98150

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48699	11.243	11.299	.50778	1.0447	.95508	.98765
SDev	.00076	.142	.020	.00009	.0050	.00476	.00106
%RSD	.15706	1.2620	.17786	.01701	.48226	.49870	.10743
#1	.48645	11.143	11.313	.50784	1.0411	.95172	.98690
#2	.48753	11.344	11.285	.50772	1.0483	.95845	.98840

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95977	1.0114	.91098	1.0039	.90233	.99055
SDev	.00119	.0029	.00285	.0033	.00178	.00151
%RSD	.12433	.28549	.31293	.32708	.19727	.15199

#1	.95892	1.0093	.90897	1.0016	.90107	.99162
#2	.96061	1.0134	.91300	1.0062	.90359	.98949

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25958	--	--	--	--	--	--
SDev	74.24622	--	--	--	--	--	--
%RSD	.2860189	--	--	--	--	--	--
#1	26011	--	--	--	--	--	--
#2	25906	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49401-c-4-b Operator: SRP
Run Time: 01/31/12 15:01:55
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04156	.00432	-.00179	.00071	-.00055	.00438	-.00013
SDev	.00002	.00344	.00157	.00003	.00002	.00016	.00003
%RSD	.05432	79.608	87.798	4.2482	4.0336	3.6889	20.199
#1	.04154	.00676	-.00068	.00069	-.00057	.00449	-.00011
#2	.04157	.00189	-.00290	.00073	-.00054	.00426	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05386	.00017	-.00043	-.00180	-.02645	.00029	.00033
SDev	.00120	.00000	.00016	.00006	.00385	.00006	.00062
%RSD	2.2281	.32224	37.240	3.3187	14.557	19.281	187.99
#1	.05301	.00017	-.00054	-.00176	-.02373	.00025	-.00011
#2	.05471	.00017	-.00032	-.00184	-.02918	.00033	.00077

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00457	-.01572	.00019	.00381	-.00036	-.13179	-.00135
SDev	.00280	.00266	.00000	.00168	.00027	.01275	.00059
%RSD	61.192	16.906	.25547	44.200	73.951	9.6737	43.417
#1	.00655	-.01760	.00019	.00500	-.00055	-.14081	-.00093
#2	.00259	-.01384	.00019	.00262	-.00017	-.12278	-.00176

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	.26090	.31522	.00007	-.00002	-.00105	.00021
SDev	.00015	.06095	.00115	.00002	.00047	.00114	.00011
%RSD	26.329	23.363	.36416	24.214	2535.8	108.52	51.462
#1	-.00047	.30400	.31441	.00006	.00032	-.00024	.00029
#2	-.00069	.21780	.31603	.00008	-.00035	-.00186	.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00010	.00013	-.00102	.00101	.00095	.00639
SDev	.00016	.00015	.00024	.00081	.00485	.00177
%RSD	161.56	112.85	23.785	80.672	513.57	27.716
#1	-.00001	.00003	-.00120	.00043	.00438	.00764
#2	.00021	.00024	-.00085	.00159	-.00249	.00514

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25592	--	--	--	--	--	--
SDev	51.61879	--	--	--	--	--	--
%RSD	.2016950	--	--	--	--	--	--
#1	25629	--	--	--	--	--	--
#2	25556	--	--	--	--	--	--

Analysis Report 01/31/12 03:11:23 PM page 1

Method: 20076010 Sample Name: mb 600-71230/1-a Operator: SRP
Run Time: 01/31/12 15:07:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04192	.00075	-.00178	.00100	-.00059	.00230	-.00007
SDev	.00258	.00148	.00014	.00007	.00001	.00049	.00007
%RSD	6.1596	198.09	7.7520	6.6520	2.1072	21.428	101.34
#1	.04009	.00179	-.00168	.00105	-.00060	.00265	-.00011
#2	.04374	-.00030	-.00188	.00095	-.00058	.00196	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00524	-.00017	-.00066	-.00112	-.02982	.00015	-.00020
SDev	.00019	.00019	.00008	.00010	.01308	.00001	.00042
%RSD	3.5491	113.77	12.275	8.7950	43.875	3.6921	207.01
#1	.00538	-.00031	-.00061	-.00119	-.02057	.00015	-.00050
#2	.00511	-.00003	-.00072	-.00105	-.03907	.00016	.00009

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	-.02102	.00027	.00120	-.00056	-.13979	-.00659
SDev	.00423	.00200	.00006	.00038	.00056	.00119	.00056
%RSD	126.46	9.5169	20.147	31.848	100.32	.85209	8.4593
#1	.00035	-.02244	.00023	.00093	-.00016	-.14063	-.00620
#2	.00634	-.01961	.00031	.00147	-.00096	-.13895	-.00699

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	-.13715	.02369	.00003	-.00191	-.00041	.00041
SDev	.00040	.02380	.00033	.00002	.00181	.00115	.00007
%RSD	68.311	17.352	1.4030	65.099	95.113	277.84	16.301

#1	-.00030	-.15397	.02392	.00002	-.00319	.00040	.00046
#2	-.00086	-.12032	.02345	.00005	-.00062	-.00123	.00036

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00123	-.00108	.00024	.00136	.00434
SDev	.00026	.00000	.00005	.00066	.00477	.00396
%RSD	2174.2	.23268	5.0327	276.62	350.62	91.269

#1	.00020	.00123	-.00105	-.00023	-.00201	.00154
#2	-.00017	.00123	-.00112	.00070	.00474	.00714

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25418	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0306017	--	--	--	--	--	--

#1	25423	--	--	--	--	--	--
#2	25412	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71230/2-a Operator: SRP
Run Time: 01/31/12 15:11:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9020	1.0097	1.0195	1.0458	.47885	1.0230	.51695
SDev	.0145	.0017	.0029	.0009	.00048	.0001	.00052
%RSD	.14652	.16901	.28514	.08929	.10110	.00806	.09980

#1	9.8918	1.0085	1.0174	1.0451	.47919	1.0231	.51731
#2	9.9123	1.0109	1.0215	1.0464	.47851	1.0230	.51658

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.087	.96392	.96131	.98088	10.303	.48648	.99038
SDev	.016	.00149	.00077	.00036	.038	.00086	.00001
%RSD	.16117	.15447	.08034	.03621	.37261	.17770	.00054

#1	10.099	.96497	.96185	.98063	10.331	.48586	.99038
#2	10.076	.96287	.96076	.98113	10.276	.48709	.99037

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99692	9.6934	.97636	1.0218	1.0783	10.102	.92356
SDev	.00548	.0104	.00074	.0013	.0100	.034	.00096
%RSD	.54968	.10709	.07622	.12440	.92906	.33920	.10433

#1	.99305	9.7008	.97688	1.0227	1.0853	10.078	.92288
#2	1.0008	9.6861	.97583	1.0209	1.0712	10.127	.92424

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.50611	9.7335	10.029	.52424	1.0689	.98021	1.0116
SDev	.00024	.0038	.031	.00032	.0007	.00066	.0000
%RSD	.04788	.03919	.30526	.06125	.06735	.06775	.00473
#1	.50628	9.7362	10.008	.52401	1.0684	.97974	1.0116
#2	.50594	9.7308	10.051	.52446	1.0694	.98068	1.0116

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98856	1.0290	.92628	1.0224	.94005	1.0254
SDev	.00068	.0008	.00434	.0022	.00544	.0055
%RSD	.06908	.08176	.46854	.21145	.57830	.53655
#1	.98904	1.0296	.92935	1.0209	.93620	1.0215
#2	.98808	1.0284	.92321	1.0240	.94389	1.0292

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 03:15:14 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25536	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1384529	--	--	--	--	--	--
#1	25561	--	--	--	--	--	--
#2	25511	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49528-d-1-a Operator: SRP
Run Time: 01/31/12 15:15:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08743	.00191	.00380	.09040	-.00065	.49950	.00003
SDev	.00269	.00028	.00280	.00004	.00002	.00071	.00007
%RSD	3.0777	14.657	73.760	.04751	2.6335	.14122	227.98
#1	.08933	.00171	.00578	.09043	-.00064	.50000	-.00002
#2	.08553	.00211	.00182	.09037	-.00067	.49900	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.595	.00055	-.00048	.02480	.01943	.02340	-.00032
SDev	.087	.00017	.00037	.00030	.00222	.00003	.00002
%RSD	.33958	31.994	77.079	1.1905	11.419	.11200	5.2361
#1	25.656	.00067	-.00022	.02501	.02100	.02342	-.00033
#2	25.533	.00042	-.00074	.02459	.01786	.02338	-.00031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00269	6.2222	.00403	.00477	.00080	15.868	7.4142
SDev	.00120	.0093	.00012	.00189	.00020	.009	.0102
%RSD	44.511	.14970	2.9900	39.733	24.773	.05920	.13755
#1	.00353	6.2288	.00412	.00611	.00094	15.861	7.4214
#2	.00184	6.2156	.00395	.00343	.00066	15.874	7.4070

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	171.64	138.90	.44971	.00233	-.00080	.00036
SDev	.00031	.05	.21	.00038	.00385	.00036	.00024
%RSD	50.901	.03197	.14822	.08509	165.52	44.303	65.903
#1	-.00039	171.68	139.05	.44944	.00505	-.00105	.00053
#2	-.00083	171.60	138.76	.44998	-.00040	-.00055	.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.05608	-.00016	-.00040	.00053	.00377
SDev	.00038	.00029	.00137	.00071	.00295	.00032
%RSD	37.934	.51484	858.70	175.90	558.51	8.5529
#1	.00128	.05628	.00081	-.00091	.00261	.00400

#2	.00074	.05588	-.00113	.00010	-.00155	.00354

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24896	--	--	--	--	--	--
SDev	53.03301	--	--	--	--	--	--
%RSD	.2130139	--	--	--	--	--	--
#1	24859	--	--	--	--	--	--
#2	24934	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49528-d-1-b du Operator: SRP
Run Time: 01/31/12 15:19:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08919	.00076	.00287	.09064	-.00071	.49814	-.00019
SDev	.00349	.00028	.00056	.00008	.00001	.00091	.00006
%RSD	3.9110	37.390	19.503	.08551	1.8380	.18250	29.671
#1	.09166	.00056	.00247	.09059	-.00072	.49879	-.00022
#2	.08672	.00096	.00326	.09070	-.00070	.49750	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.504	.00002	-.00041	.02454	.01652	.02335	-.00001
SDev	.061	.00003	.00045	.00021	.01849	.00003	.00003
%RSD	.24095	127.74	108.70	.85054	111.95	.11555	296.30
#1	25.547	.00004	-.00010	.02468	.02959	.02337	.00001
#2	25.460	.00000	-.00073	.02439	.00344	.02333	-.00003

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00242	6.1957	.00397	.00286	.00085	15.838	7.4172
SDev	.00295	.0127	.00002	.00042	.00052	.016	.0106
%RSD	121.87	.20473	.54635	14.624	61.262	.09842	.14268

#1	.00451	6.2047	.00395	.00315	.00048	15.827	7.4247
#2	.00033	6.1868	.00398	.00256	.00122	15.849	7.4098

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	171.41	138.37	.44979	-.00030	-.00038	.00050
SDev	.00037	.19	.10	.00015	.00002	.00120	.00005
%RSD	47.282	.11085	.07263	.03448	5.6152	316.13	9.2034
#1	-.00052	171.28	138.44	.44990	-.00031	-.00123	.00047
#2	-.00104	171.55	138.30	.44968	-.00029	.00047	.00053

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.05530	-.00093	.00045	.00407	.00160

SDev	.00009	.00006	.00085	.00038	.00003	.00441
%RSD	14.291	.11012	90.905	83.644	.76649	275.87
#1	.00073	.05526	-.00033	.00018	.00409	.00472
#2	.00059	.05534	-.00153	.00072	.00404	-.00152

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25166	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.1489208	--	--	--	--	--	--
#1	25139	--	--	--	--	--	--
#2	25192	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49528-d-1-c ms Operator: SRP
Run Time: 01/31/12 15:22:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.468	1.0553	1.0588	1.1596	.48964	1.5561	.52212
SDev	.011	.0007	.0020	.0010	.00015	.0017	.00089
%RSD	.10236	.06546	.18925	.08627	.02978	.11002	.17008
#1	10.461	1.0558	1.0574	1.1588	.48974	1.5549	.52275
#2	10.476	1.0548	1.0602	1.1603	.48954	1.5573	.52150

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.309	.97705	.97687	1.0412	10.495	.59288	1.0055
SDev	.013	.00009	.00015	.0008	.008	.00124	.0000
%RSD	.03578	.00891	.01588	.07673	.07196	.20860	.00392
#1	35.318	.97711	.97676	1.0406	10.490	.59200	1.0056
#2	35.300	.97699	.97698	1.0417	10.500	.59375	1.0055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0439	15.959	.99344	1.0504	1.0888	28.377	8.5864
SDev	.0013	.004	.00041	.0059	.0037	.060	.0056

%RSD	.12428	.02645	.04105	.55808	.33829	.21135	.06577
#1	1.0430	15.956	.99373	1.0463	1.0914	28.334	8.5824
#2	1.0449	15.962	.99315	1.0546	1.0862	28.419	8.5904

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52005	183.45	148.06	.98720	1.1156	1.0225	1.0375
SDev	.00017	.27	.29	.00110	.0132	.0056	.0001
%RSD	.03308	.14676	.19425	.11120	1.1855	.54610	.00895
#1	.51993	183.26	147.86	.98643	1.1062	1.0264	1.0376
#2	.52017	183.64	148.27	.98798	1.1250	1.0185	1.0375

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0112	1.1134	.93882	1.0389	.98251	1.0747
SDev	.0009	.0006	.00243	.0013	.00057	.0022
%RSD	.09173	.04967	.25842	.12245	.05853	.20785
#1	1.0106	1.1130	.93711	1.0398	.98291	1.0731
#2	1.0119	1.1138	.94054	1.0380	.98210	1.0762

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24900	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.1050742	--	--	--	--	--	--
#1	24918	--	--	--	--	--	--
#2	24881	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49528-d-1-d msd Operator: SRP
Run Time: 01/31/12 15:26:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.564	1.0645	1.0682	1.1677	.49359	1.5688	.52551
SDev	.029	.0011	.0049	.0021	.00179	.0003	.00174
%RSD	.27124	.10111	.45660	.17670	.36178	.01974	.33105
#1	10.584	1.0637	1.0716	1.1691	.49485	1.5690	.52674
#2	10.544	1.0652	1.0647	1.1662	.49233	1.5686	.52428

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.998	.98440	.98413	1.0502	10.563	.59933	1.0142
SDev	.132	.00315	.00391	.0028	.035	.00127	.0022
%RSD	.36624	.32005	.39734	.26537	.33458	.21206	.21549
#1	36.092	.98663	.98690	1.0521	10.588	.60023	1.0157
#2	35.905	.98217	.98137	1.0482	10.538	.59843	1.0126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0519	16.100	1.0005	1.0626	1.0972	28.714	8.7334
SDev	.0013	.052	.0032	.0017	.0042	.056	.0257
%RSD	.12319	.32568	.32166	.16201	.38236	.19656	.29426
#1	1.0510	16.137	1.0027	1.0638	1.1001	28.754	8.7515
#2	1.0529	16.063	.99818	1.0614	1.0942	28.674	8.7152

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52336	186.81	150.15	.99621	1.1303	1.0238	1.0423
SDev	.00165	.51	.43	.00198	.0036	.0067	.0032

%RSD	.31569	.27407	.28787	.19882	.32220	.65295	.30343
#1	.52453	187.17	150.46	.99761	1.1277	1.0285	1.0446
#2	.52219	186.45	149.85	.99480	1.1329	1.0190	1.0401

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0184	1.1653	.94816	1.0472	.98907	1.0834
SDev	.0040	.0040	.00421	.0012	.00084	.0024
%RSD	.39364	.34199	.44400	.11204	.08439	.21794
#1	1.0213	1.1681	.95113	1.0480	.98966	1.0817
#2	1.0156	1.1625	.94518	1.0463	.98848	1.0850

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25004	--	--	--	--	--	--
SDev	70.00357	--	--	--	--	--	--
%RSD	.2799639	--	--	--	--	--	--
#1	24955	--	--	--	--	--	--
#2	25054	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48824-d-8-b Operator: SRP
Run Time: 01/31/12 15:30:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07518	.00102	.00321	.07177	-.00071	.46134	-.00023
SDev	.00291	.00034	.00067	.00002	.00003	.00204	.00006
%RSD	3.8662	33.436	21.007	.02751	4.1888	.44229	27.479
#1	.07312	.00126	.00369	.07176	-.00074	.46279	-.00027
#2	.07723	.00078	.00273	.07179	-.00069	.45990	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.694	.00060	-.00089	.01392	.04809	.02258	.00020
SDev	.143	.00018	.00009	.00022	.01425	.00003	.00006
%RSD	.19158	29.842	9.6573	1.6053	29.636	.13918	29.009
#1	74.795	.00047	-.00083	.01376	.03801	.02256	.00024
#2	74.593	.00072	-.00095	.01407	.05817	.02261	.00016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	22.448	.01084	.00501	.00329	.89019	11.118
SDev	.00379	.022	.00007	.00116	.00133	.00022	.015
%RSD	150.63	.09782	.63678	23.111	40.388	.02423	.13080
#1	.00519	22.464	.01079	.00583	.00235	.89035	11.128
#2	-.00016	22.433	.01088	.00419	.00423	.89004	11.107

Analysis Report 01/31/12 03:34:29 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00143	344.90	244.31	.37640	.00572	-.00124	.00007
SDev	.00051	.68	.66	.00032	.00459	.00257	.00007
%RSD	35.541	.19800	.26955	.08356	80.154	207.38	96.826
#1	-.00179	345.38	244.77	.37662	.00897	-.00305	.00002
#2	-.00107	344.42	243.84	.37617	.00248	.00058	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.00271	-.00198	.00129	.00502	.00126
SDev	.00036	.00011	.00003	.00010	.00200	.00468
%RSD	23.168	3.8551	1.4996	7.8565	39.823	372.13
#1	.00130	.00264	-.00200	.00136	.00644	.00456
#2	.00181	.00279	-.00196	.00121	.00361	-.00205

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24368	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.1015604	--	--	--	--	--	--
#1	24386	--	--	--	--	--	--
#2	24351	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49637-d-1-a Operator: SRP
Run Time: 01/31/12 15:34:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10183	.00344	.00648	.22577	-.00081	.33784	-.00025
SDev	.00096	.00154	.00223	.00024	.00000	.00030	.00010
%RSD	.94316	44.842	34.377	.10748	.56688	.08832	41.168
#1	.10115	.00453	.00806	.22560	-.00082	.33805	-.00032
#2	.10251	.00235	.00491	.22594	-.00081	.33763	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.817	.00015	-.00008	.00096	.07894	.03431	-.00009
SDev	.039	.00010	.00013	.00001	.01026	.00012	.00005
%RSD	.05421	68.121	149.83	.81914	12.991	.34221	58.639
#1	71.790	.00008	-.00017	.00095	.07169	.03422	-.00012

#2	71.845	.00022	.00001	.00096	.08619	.03439	-.00005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00465	22.078	.00678	.19171	.00425	26.375	4.1725
SDev	.00084	.000	.00004	.00131	.00029	.017	.0014
%RSD	18.015	.00101	.56976	.68172	6.8206	.06364	.03434

#1	.00524	22.078	.00675	.19079	.00446	26.363	4.1715
#2	.00406	22.078	.00681	.19264	.00405	26.387	4.1735

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	590.37	358.02	1.1346	.00301	.00078	-.00016
SDev	.00048	.06	.44	.0011	.00015	.00028	.00010
%RSD	74.375	.00972	.12345	.09652	4.9354	35.492	61.003

#1	-.00099	590.41	358.33	1.1338	.00290	.00098	-.00009
#2	-.00031	590.33	357.70	1.1354	.00311	.00059	-.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00696	.02220	-.00247	.00110	.00387	.00504
SDev	.00007	.00018	.00041	.00013	.00142	.00054
%RSD	1.0513	.83152	16.624	11.637	36.820	10.804

#1	.00701	.02233	-.00276	.00119	.00487	.00542
#2	.00690	.02207	-.00218	.00101	.00286	.00465

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24250	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.1370503	--	--	--	--	--	--

#1	24273	--	--	--	--	--	--
#2	24226	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 15:38:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5187	.51420	.51368	.52141	.48024	.51656	.52313
SDev	.0043	.00063	.00347	.00015	.00038	.00172	.00047
%RSD	.17230	.12178	.67486	.02773	.07907	.33371	.08914

#1	2.5156	.51376	.51613	.52131	.47997	.51534	.52346
#2	2.5217	.51464	.51123	.52151	.48050	.51778	.52280

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.639	.48469	.48130	.48873	2.5908	.49217	.49790
SDev	.002	.00057	.00045	.00033	.0150	.00012	.00052
%RSD	.01924	.11804	.09435	.06723	.58017	.02506	.10520

#1	12.641	.48428	.48098	.48850	2.6014	.49225	.49753
#2	12.638	.48509	.48162	.48897	2.5802	.49208	.49827

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report Blank Sample 01/31/12 03:42:12 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50510	4.8708	.49009	.51545	.54637	12.569	.95002
SDev	.00086	.0027	.00025	.00310	.00021	.008	.00488
%RSD	.16957	.05587	.05032	.60052	.03936	.06199	.51403
#1	.50449	4.8688	.48991	.51326	.54622	12.574	.95347
#2	.50570	4.8727	.49026	.51764	.54653	12.563	.94657

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25101	12.880	12.484	.26200	.53848	.50419	.51226
SDev	.00014	.007	.007	.00005	.00666	.00089	.00006
%RSD	.05718	.05801	.05772	.02006	1.2374	.17712	.01212
#1	.25112	12.885	12.479	.26197	.53377	.50482	.51221
#2	.25091	12.874	12.489	.26204	.54319	.50356	.51230

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49636	.52115	.46509	.51430	.47742	.51899
SDev	.00046	.00044	.00007	.00082	.00003	.00127
%RSD	.09168	.08539	.01619	.16008	.00597	.24479
#1	.49604	.52083	.46514	.51372	.47740	.51809
#2	.49668	.52146	.46504	.51488	.47744	.51989

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25071	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.2143517	--	--	--	--	--	--
#1	25109	--	--	--	--	--	--
#2	25033	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 15:42:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05032	.00075	.00011	.00025	-.00046	.00336	.00008
SDev	.00174	.00150	.00071	.00014	.00007	.00012	.00007
%RSD	3.4506	199.12	624.62	54.994	15.610	3.4940	82.231
#1	.04909	.00181	.00061	.00016	-.00051	.00327	.00003
#2	.05155	-.00031	-.00039	.00035	-.00041	.00344	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00872	.00021	.00014	-.00160	-.01206	.00047	-.00058
SDev	.00187	.00025	.00025	.00073	.02032	.00007	.00017
%RSD	21.452	116.48	183.48	45.568	168.42	14.656	29.648

Analysis Report Blank Sample 01/31/12 03:46:03 PM page 11

#1	-.01004	.00004	.00031	-.00212	.00230	.00042	-.00070
#2	-.00740	.00039	-.00004	-.00109	-.02643	.00052	-.00046

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00257	-.00410	.00024	.00237	.00033	-.06003	-.00879
SDev	.00250	.00223	.00011	.00012	.00050	.00727	.00065
%RSD	97.176	54.478	46.823	5.0961	150.99	12.105	7.4541
#1	.00080	-.00567	.00016	.00228	.00069	-.06517	-.00925
#2	.00434	-.00252	.00032	.00245	-.00002	-.05489	-.00832

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.09031	.03899	.00009	.00149	.00083	.00031
SDev	.00028	.08336	.00048	.00005	.00201	.00092	.00012
%RSD	1658.7	92.302	1.2330	51.434	134.69	110.04	37.791
#1	.00018	.14925	.03865	.00006	.00291	.00148	.00023
#2	-.00021	.03137	.03933	.00012	.00007	.00018	.00040

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	-.00245	-.00220	.00023	.00071	.00350
SDev	.00027	.00010	.00291	.00171	.00074	.00338
%RSD	178.86	4.0911	131.88	745.52	103.67	96.514
#1	-.00004	-.00252	-.00015	-.00098	.00019	.00111
#2	.00034	-.00238	-.00426	.00144	.00124	.00589

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25021	--	--	--	--	--	--
SDev	19.79899	--	--	--	--	--	--
%RSD	.0791295	--	--	--	--	--	--
#1	25035	--	--	--	--	--	--
#2	25007	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49586-a-2-a Operator: SRP
Run Time: 01/31/12 15:46:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14908	.00156	.00697	.09147	-.00102	.07373	-.00035
SDev	.00210	.00156	.00185	.00046	.00001	.00111	.00009
%RSD	1.4069	100.12	26.582	.50041	.73674	1.5063	24.526
#1	.15056	.00045	.00566	.09114	-.00101	.07452	-.00041
#2	.14759	.00266	.00828	.09179	-.00102	.07295	-.00029

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	909.46	.00276	-.00017	.00227	.19452	.01922	-.00081
SDev	11.13	.00025	.00025	.00043	.00834	.00006	.00022
%RSD	1.2240	9.0458	143.79	18.829	4.2898	.30738	27.588
#1	917.33	.00294	.00000	.00257	.18862	.01917	-.00097
#2	901.59	.00258	-.00035	.00196	.20042	.01926	-.00065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00186	18.012	.05328	.00936	.00922	20.701	5.3651
SDev	.00019	.137	.00052	.00025	.00038	.195	.0010
%RSD	10.362	.76156	.97129	2.6941	4.1417	.94044	.01908
#1	.00173	18.109	.05365	.00918	.00895	20.563	5.3658
#2	.00200	17.915	.05291	.00953	.00949	20.838	5.3644

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	5519.3	965.94	2.4684	.00098	.00054	-.00572
SDev	.00012	6.2	14.91	.0074	.00171	.00023	.00029
%RSD	7.5328	.11308	1.5438	.29985	174.00	43.392	5.1083
#1	-.00165	5514.9	976.48	2.4631	-.00023	.00070	-.00551
#2	-.00148	5523.7	955.39	2.4736	.00219	.00037	-.00593

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	.02673	-.00720	.00238	.00201	.00179
SDev	.00056	.00005	.00013	.00040	.00244	.00093
%RSD	15.262	.17940	1.7829	16.754	121.70	52.011
#1	.00403	.02677	-.00711	.00210	.00028	.00245
#2	.00324	.02670	-.00729	.00267	.00373	.00113

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	20718	--	--	--	--	--	--
SDev	84.14571	--	--	--	--	--	--
%RSD	.4061380	--	--	--	--	--	--
#1	20659	--	--	--	--	--	--
#2	20778	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49586-a-2-a@10 Operator: SRP
Run Time: 01/31/12 15:49:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07127	.00016	.00009	.00979	-.00085	.00866	-.00007
SDev	.01087	.00087	.00083	.00042	.00016	.00042	.00029

%RSD	15.254	534.05	924.85	4.3469	18.712	4.8647	412.11
#1	.06358	.00077	.00068	.00949	-.00074	.00896	-.00027
#2	.07896	-.00045	-.00050	.01009	-.00096	.00837	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	112.35	.00007	-.00035	-.00156	-.00053	.00231	-.00041
SDev	5.40	.00040	.00065	.00025	.02198	.00029	.00039
%RSD	4.8089	569.26	186.47	16.241	4162.6	12.373	96.523
#1	108.53	.00036	-.00081	-.00138	-.01607	.00211	-.00013
#2	116.17	-.00021	.00011	-.00173	.01501	.00251	-.00068

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	1.9935	.00568	.00132	.00048	1.1691	.51678
SDev	.00233	.1160	.00020	.00066	.00050	.1517	.02639
%RSD	236.66	5.8208	3.5525	49.861	104.42	12.973	5.1074
#1	-.00066	1.9115	.00554	.00085	.00013	1.0618	.49811
#2	.00263	2.0756	.00582	.00178	.00083	1.2763	.53544

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00063	486.48	310.27	.25691	-.00218	-.00030	-.00060
SDev	.00112	22.76	15.35	.01246	.00105	.00279	.00019
%RSD	178.76	4.6793	4.9464	4.8502	48.365	918.42	31.308
#1	-.00142	470.39	299.42	.24810	-.00292	-.00228	-.00046
#2	.00017	502.58	321.12	.26572	-.00143	.00167	-.00073

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00165	-.00018	-.00052	-.00052	.00174
SDev	.00064	.00034	.00562	.00340	.00549	.00075
%RSD	475.29	20.655	3187.6	651.51	1046.6	43.268
#1	.00059	.00141	-.00415	.00188	-.00441	.00121
#2	-.00032	.00189	.00380	-.00293	.00336	.00227

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23938	--	--	--	--	--	--
SDev	1082.580	--	--	--	--	--	--
%RSD	4.522530	--	--	--	--	--	--
#1	24703	--	--	--	--	--	--
#2	23172	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49186-a-1-a Operator: SRP
Run Time: 01/31/12 15:54:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14060	.00406	.00291	.34264	-.00115	3.7194	-.00003
SDev	.00750	.00152	.00255	.00033	.00003	.0054	.00004
%RSD	5.3369	37.428	87.816	.09668	2.6943	.14628	156.28
#1	.14590	.00513	.00471	.34287	-.00117	3.7232	.00000
#2	.13529	.00298	.00110	.34240	-.00113	3.7155	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	570.65	.00138	.00141	.00292	.59983	.34091	.00006
SDev	2.70	.00090	.00028	.00110	.03697	.00034	.00041
%RSD	.47304	65.426	19.968	37.649	6.1629	.09935	697.05
#1	572.56	.00201	.00161	.00370	.62597	.34115	.00035
#2	568.75	.00074	.00121	.00214	.57369	.34068	-.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00374	1781.5	.03058	.27876	.00960	335.48	5.0665
SDev	.00050	5.8	.00010	.00045	.00088	.29	.0066
%RSD	13.339	.32628	.31093	.16011	9.2031	.08612	.13115
#1	.00338	1785.6	.03065	.27908	.01023	335.69	5.0712
#2	.00409	1777.4	.03051	.27845	.00898	335.28	5.0618

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	9631.8	1229.4	10.156	.00303	.00446	-.00081
SDev	.00025	28.9	16.1	.011	.00453	.00248	.00009
%RSD	33.278	.30057	1.3111	.10806	149.32	55.471	11.437
#1	-.00057	9652.2	1240.8	10.163	.00624	.00271	-.00074
#2	-.00092	9611.3	1218.0	10.148	-.00017	.00621	-.00087

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01048	.03580	-.00269	.00143	.01393	-.00136
SDev	.00076	.00012	.00035	.00045	.00232	.00191
%RSD	7.2499	.33188	12.850	31.232	16.658	139.98
#1	.01102	.03589	-.00244	.00175	.01557	-.00271
#2	.00995	.03572	-.00293	.00112	.01229	-.00001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	18588	--	--	--	--	--	--
SDev	70.00357	--	--	--	--	--	--
%RSD	.3765961	--	--	--	--	--	--

#1	18539	--	--	--	--	--	--
#2	18638	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49528-d-1-a Operator: SRP

Run Time: 01/31/12 15:58:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.034	.99444	1.0150	1.1179	.45826	1.5152	.49972
SDev	.027	.00144	.0020	.0036	.00018	.0022	.00134
%RSD	.26768	.14500	.19693	.31761	.03960	.14479	.26705
#1	10.015	.99342	1.0136	1.1154	.45839	1.5137	.50066
#2	10.053	.99546	1.0165	1.1204	.45813	1.5168	.49878

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.868	.93521	.92359	.99245	9.9024	1.1428	.96231
SDev	.010	.00055	.00153	.00329	.0537	.0038	.00161
%RSD	.03000	.05892	.16513	.33173	.54179	.33042	.16783
#1	34.860	.93560	.92467	.99012	9.9403	1.1401	.96117
#2	34.875	.93482	.92251	.99478	9.8645	1.1454	.96346

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98544	15.704	.95999	.99421	1.0459	28.274	8.6055
SDev	.00422	.135	.00012	.00539	.0040	.139	.0196
%RSD	.42804	.85919	.01223	.54189	.38618	.49293	.22807
#1	.98246	15.608	.96008	.99040	1.0487	28.176	8.5916
#2	.98842	15.799	.95991	.99802	1.0430	28.373	8.6193

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49106	187.56	143.25	.96505	1.0629	.96601	.98600
SDev	.00009	1.11	4.19	.00364	.0056	.00151	.00127
%RSD	.01832	.59412	2.9257	.37700	.52797	.15664	.12832
#1	.49100	186.77	140.28	.96248	1.0589	.96708	.98511
#2	.49113	188.35	146.21	.96763	1.0669	.96494	.98690

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95394	1.0690	.89649	.99523	.93449	1.0109
SDev	.00082	.0013	.00195	.00145	.00185	.0054
%RSD	.08582	.11702	.21759	.14542	.19779	.53447
#1	.95336	1.0699	.89511	.99420	.93318	1.0071
#2	.95452	1.0681	.89787	.99625	.93579	1.0147

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 04:02:30 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25066	--	--	--	--	--	--
SDev	34.64823	--	--	--	--	--	--
%RSD	.1382308	--	--	--	--	--	--
#1	25090	--	--	--	--	--	--

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 #2      25041     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: SD-600-49528-d-1-a@5   Operator: SRP
Run Time: 01/31/12 16:02:33
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .05492    .00702    .00118    .02210    -.00059   .12263    .00001
 SDev    .00016    .00227    .00190    .00002     .00000   .00097    .00009
 %RSD    .30016    32.338    160.79    .10483    .56964    .79538    1196.0

 #1      .05481    .00863    -.00016   .02212    -.00059   .12332    -.00006
 #2      .05504    .00542    .00253    .02209    -.00059   .12194    .00007

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    6.2511    .00019    -.00026   .00438    -.00307   .00521    .00108
 SDev     .0365    .00031     .00025   .00002     .00442   .00005    .00047
 %RSD    .58436    166.11    94.073    .48882    143.89    .93653    43.781

 #1      6.2253    .00041    -.00009   .00437    -.00620   .00518    .00075
 #2      6.2769    -.00003   -.00044   .00440    .00005    .00525    .00142

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00266    1.5967    .00105    .00402    -.00003   3.1726    1.7592
 SDev    .00007     .1146    .00001    .00165     .00022    .0241     .0040
 %RSD    2.6896    7.1761    .47145    41.132    666.53    .76033    .22476

 #1      .00271    1.5157    .00105    .00518    -.00019   3.1555    1.7620
 #2      .00261    1.6777    .00106    .00285    .00012    3.1896    1.7564

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00024   36.703    33.187    .10887    .00119    .00035    .00031
 SDev     .00009     .218      .362    .00057    .00021    .00161    .00002
 %RSD    38.911    .59322    1.0905    .52540    17.338    458.87    5.1405

 #1      -.00017   36.549    32.931    .10847    .00133    .00149    .00030
 #2      -.00030   36.857    33.443    .10928    .00104    -.00079   .00033

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00048    .01315    -.00057   .00191    .00023    .00387
 SDev    .00016    .00013     .00004   .00069    .00260    .00119
 %RSD    34.387    .99339    7.4096    36.176    1109.6    30.767

 #1      .00036    .01306    -.00060   .00142    .00207    .00303

Analysis Report                          01/31/12 04:06:21 PM         page 4


 #2      .00059    .01324    -.00054   .00240    -.00160   .00472

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    25392     --        --        --        --        --        --
 SDev    156.2706  --        --        --        --        --        --
 %RSD    .6154203  --        --        --        --        --        --
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#1	25503	--	--	--	--	--	--
#2	25282	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48987-a-7-a Operator: SRP
Run Time: 01/31/12 16:06:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19416	.00242	.00106	.18421	-.00097	.73065	-.00032
SDev	.00317	.00250	.00178	.00060	.00003	.00316	.00000
%RSD	1.6337	103.54	167.15	.32618	2.9234	.43276	.48434
#1	.19192	.00419	-.00019	.18378	-.00095	.73289	-.00032
#2	.19641	.00065	.00232	.18463	-.00099	.72842	-.00031

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	117.15	.00009	-.00051	.00070	.23211	.04162	-.00087
SDev	.96	.00027	.00032	.00005	.01644	.00001	.00077
%RSD	.81737	299.90	63.159	6.7583	7.0847	.01784	89.220
#1	117.83	-.00010	-.00028	.00066	.24374	.04162	-.00141
#2	116.47	.00028	-.00074	.00073	.22048	.04163	-.00032

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00213	155.28	.05945	.07738	.00178	119.92	2.7254
SDev	.00222	.95	.00027	.00100	.00037	.28	.0097
%RSD	104.04	.61273	.45665	1.2874	20.715	.23481	.35453
#1	.00370	155.95	.05964	.07668	.00204	119.72	2.7323
#2	.00056	154.61	.05926	.07809	.00152	120.12	2.7186

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00175	2635.9	769.31	1.2457	.00247	-.00148	.00241
SDev	.00018	5.0	8.43	.0022	.00049	.00044	.00045
%RSD	10.040	.18830	1.0953	.17544	20.007	29.569	18.663
#1	-.00162	2639.5	775.27	1.2441	.00212	-.00178	.00209
#2	-.00187	2632.4	763.35	1.2472	.00282	-.00117	.00272

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00356	.01111	-.00184	-.00038	.00262	.00188

SDev	.00031	.00022	.00257	.00012	.00276	.00470
%RSD	8.8227	1.9427	139.38	32.847	105.08	249.68
#1	.00334	.01095	-.00366	-.00029	.00067	.00521
#2	.00378	.01126	-.00003	-.00047	.00458	-.00144

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22630	--	--	--	--	--	--

SDev	50.91169	--	--	--	--	--	--
%RSD	.2249743	--	--	--	--	--	--
#1	22666	--	--	--	--	--	--
#2	22594	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49223-c-1-a Operator: SRP
Run Time: 01/31/12 16:10:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4049	.00568	.10449	.70773	-.00045	.05801	-.00020
SDev	.0443	.00080	.00024	.00294	.00002	.00061	.00014
%RSD	1.8437	14.095	.23128	.41584	4.1314	1.0449	66.813
#1	2.4362	.00512	.10432	.70981	-.00046	.05844	-.00030
#2	2.3735	.00625	.10466	.70565	-.00043	.05758	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.145	.00847	.50783	.02919	28.464	.01417	.00601
SDev	.126	.00026	.00234	.00010	.147	.00011	.00019
%RSD	.29312	3.0586	.46113	.34855	.51525	.73806	3.0985
#1	43.235	.00865	.50949	.02912	28.568	.01425	.00615
#2	43.056	.00829	.50617	.02926	28.360	.01410	.00588

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00381	30.752	.21231	.01842	1.3327	6.3896	12.029
SDev	.00183	.073	.00072	.00023	.0064	.0344	.098
%RSD	47.930	.23809	.33971	1.2780	.47788	.53764	.81110
#1	.00252	30.804	.21282	.01825	1.3372	6.4138	12.098
#2	.00511	30.700	.21180	.01859	1.3282	6.3653	11.960

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	151.39	123.52	.57204	-.00292	.00754	.08494
SDev	.00062	.57	.01	.00216	.00104	.00026	.00172
%RSD	155.41	.37768	.01213	.37682	35.658	3.4804	2.0246
#1	.00004	151.80	123.53	.57356	-.00218	.00773	.08615
#2	-.00083	150.99	123.51	.57051	-.00366	.00736	.08372

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05965	.16908	.00573	.00616	.00750	.00197
SDev	.00046	.00070	.00239	.00091	.00123	.00213
%RSD	.76501	.41485	41.686	14.838	16.467	107.68
#1	.05997	.16957	.00741	.00551	.00662	.00047
#2	.05933	.16858	.00404	.00681	.00837	.00348

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25220	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1710324	--	--	--	--	--	--
#1	25189	--	--	--	--	--	--
#2	25250	--	--	--	--	--	--

Analysis Report 01/31/12 04:18:54 PM page 1

Method: 20076010 Sample Name: 600-49640-b-1-a Operator: SRP
Run Time: 01/31/12 16:15:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22187	.00181	.00738	.28086	-.00077	.66459	-.00012
SDev	.00042	.00345	.00138	.00181	.00004	.00065	.00002
%RSD	.18918	190.25	18.629	.64615	4.7833	.09828	14.921
#1	.22157	-.00063	.00641	.27958	-.00075	.66505	-.00013
#2	.22217	.00425	.00836	.28215	-.00080	.66413	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.911	.00144	.00175	.00172	.11951	.07970	-.00082
SDev	.696	.00007	.00020	.00036	.01193	.00072	.00039
%RSD	1.0408	5.0169	11.443	20.917	9.9845	.90498	47.003
#1	67.404	.00139	.00189	.00146	.12795	.07919	-.00110
#2	66.419	.00149	.00161	.00197	.11108	.08021	-.00055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10226	25.943	.09512	.05137	.00480	61.594	4.8505
SDev	.00058	.187	.00049	.00121	.00054	.677	.0053
%RSD	.56781	.72094	.51608	2.3610	11.194	1.0984	.10893
#1	.10185	26.075	.09547	.05223	.00518	61.116	4.8468
#2	.10267	25.810	.09477	.05051	.00442	62.073	4.8542

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	1819.1	659.85	2.0464	.00004	.00054	.00028
SDev	.00040	14.2	1.32	.0090	.00224	.00221	.00008
%RSD	67.508	.78330	.20040	.44207	5756.0	412.72	27.726
#1	-.00031	1809.0	658.92	2.0400	.00162	-.00103	.00023
#2	-.00087	1829.2	660.79	2.0528	-.00154	.00210	.00034

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01316	.09437	-.00287	.00020	.09674	.10502
SDev	.00016	.00092	.00135	.00126	.00246	.00036
%RSD	1.1877	.97453	47.031	615.19	2.5422	.34154
#1	.01305	.09502	-.00192	-.00068	.09501	.10528
#2	.01327	.09372	-.00383	.00109	.09848	.10477

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23746	--	--	--	--	--	--
SDev	313.2483	--	--	--	--	--	--
%RSD	1.319190	--	--	--	--	--	--

Analysis Report 01/31/12 04:18:54 PM page 2

#1	23967	--	--	--	--	--	--
#2	23524	--	--	--	--	--	--

Method: 20076010 Sample Name: 48824-8 Operator: SRP
Run Time: 01/31/12 16:18:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09606	.00395	.00416	.07072	-.00073	.45658	-.00017
SDev	.00015	.00074	.00340	.00028	.00002	.00276	.00009
%RSD	.15401	18.830	81.536	.39733	2.3624	.60511	49.784
#1	.09617	.00342	.00176	.07092	-.00075	.45854	-.00011
#2	.09596	.00447	.00656	.07052	-.00072	.45463	-.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.841	.00196	-.00045	.01377	.08978	.02203	-.00056
SDev	.717	.00049	.00041	.00013	.02333	.00017	.00036
%RSD	.97092	24.835	91.229	.94583	25.988	.76714	64.385
#1	74.348	.00161	-.00016	.01368	.10628	.02215	-.00031
#2	73.334	.00230	-.00074	.01386	.07328	.02191	-.00082

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00365	22.199	.01071	.00269	.00381	.85508	11.087
SDev	.00087	.187	.00001	.00056	.00035	.02604	.095
%RSD	23.770	.84085	.09818	20.824	9.2776	3.0454	.85913
#1	.00426	22.331	.01072	.00229	.00356	.87350	11.154
#2	.00303	22.067	.01070	.00308	.00406	.83667	11.019

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00063	343.34	238.13	.37435	-.00061	.00208	.00073
SDev	.00071	2.49	1.39	.00231	.00274	.00118	.00026
%RSD	113.15	.72629	.58527	.61784	451.51	56.787	35.734
#1	-.00013	345.10	239.12	.37598	.00133	.00292	.00055
#2	-.00114	341.58	237.15	.37271	-.00254	.00124	.00092

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00200	.00209	-.00071	-.00049	.00258	.00418
SDev	.00054	.00008	.00017	.00063	.00128	.00194
%RSD	26.896	3.9516	23.679	129.20	49.533	46.344
#1	.00162	.00203	-.00083	-.00004	.00167	.00555
#2	.00238	.00215	-.00060	-.00093	.00348	.00281

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 04:22:45 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24957	--	--	--	--	--	--
SDev	93.33810	--	--	--	--	--	--
%RSD	.3739957	--	--	--	--	--	--
#1	24891	--	--	--	--	--	--
#2	25023	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 16:22:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4977	.50933	.50489	.51945	.46887	.51048	.51519
SDev	.0008	.00158	.00002	.00026	.00018	.00052	.00019
%RSD	.03328	.30989	.00442	.04918	.03905	.10151	.03780
#1	2.4983	.51045	.50487	.51927	.46874	.51085	.51506
#2	2.4972	.50822	.50490	.51963	.46900	.51011	.51533

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.360	.47480	.47286	.48322	2.5526	.49306	.49115
SDev	.001	.00051	.00006	.00015	.0023	.00005	.00098
%RSD	.00965	.10751	.01210	.03008	.09001	.00923	.19879
#1	12.360	.47516	.47290	.48311	2.5510	.49309	.49046
#2	12.361	.47444	.47282	.48332	2.5543	.49302	.49184

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49732	4.7618	.48178	.50388	.53990	12.642	.95237
SDev	.00296	.0065	.00042	.00059	.00174	.003	.00985
%RSD	.59480	.13630	.08821	.11637	.32291	.02306	1.0345
#1	.49523	4.7573	.48148	.50347	.54113	12.644	.95933
#2	.49941	4.7664	.48208	.50430	.53867	12.639	.94540

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24763	12.793	12.556	.26078	.53230	.49294	.50630
SDev	.00017	.086	.001	.00027	.00695	.00240	.00037
%RSD	.06736	.67348	.00921	.10214	1.3063	.48599	.07373
#1	.24751	12.732	12.556	.26060	.52738	.49124	.50604
#2	.24775	12.854	12.555	.26097	.53721	.49463	.50657

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48824	.51263	.45695	.50825	.47150	.51029
SDev	.00013	.00045	.00204	.00045	.00042	.00465
%RSD	.02615	.08812	.44594	.08769	.08862	.91047

#1	.48815	.51295	.45551	.50793	.47180	.50701

#2	.48833	.51231	.45839	.50856	.47121	.51358

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25493	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.1164966	--	--	--	--	--	--
#1	25514	--	--	--	--	--	--
#2	25472	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 16:26:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05203	.00050	-.00007	.00022	-.00051	.00370	.00021
SDev	.00322	.00042	.00200	.00013	.00006	.00024	.00018
%RSD	6.1860	83.381	2820.6	58.580	11.799	6.6110	86.899
#1	.04975	.00079	-.00149	.00013	-.00055	.00353	.00008
#2	.05430	.00020	.00135	.00031	-.00047	.00388	.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00997	.00017	-.00035	-.00168	-.02744	.00012	.00016
SDev	.00238	.00049	.00028	.00028	.02004	.00012	.00015
%RSD	23.908	279.46	80.257	16.395	73.039	97.883	94.105
#1	-.01166	-.00017	-.00055	-.00187	-.04161	.00004	.00005
#2	-.00829	.00052	-.00015	-.00148	-.01327	.00020	.00027

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00205	-.01518	.00022	.00276	.00024	-.13456	-.00216
SDev	.00075	.00649	.00014	.00040	.00044	.02813	.00009
%RSD	36.410	42.744	64.340	14.573	181.54	20.905	4.2994
#1	.00258	-.01977	.00012	.00305	-.00007	-.15445	-.00209
#2	.00152	-.01059	.00031	.00248	.00055	-.11467	-.00223

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	-.01231	.06295	.00008	.00157	.00102	.00025
SDev	.00055	.14652	.00513	.00007	.00628	.00032	.00010
%RSD	160.78	1190.5	8.1507	87.289	399.44	31.587	42.190
#1	-.00073	-.11591	.05932	.00003	.00601	.00124	.00017
#2	.00005	.09130	.06657	.00013	-.00287	.00079	.00032

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	-.00261	-.00161	.00105	-.00249	.00432

SDev	.00018	.00022	.00168	.00061	.00107	.00058
%RSD	37.667	8.5701	104.12	58.084	43.051	13.501
#1	.00034	-.00277	-.00279	.00148	-.00173	.00473
#2	.00059	-.00246	-.00042	.00062	-.00325	.00391

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25298	--	--	--	--	--	--
SDev	113.8442	--	--	--	--	--	--
%RSD	.4500037	--	--	--	--	--	--
#1	25379	--	--	--	--	--	--
#2	25218	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/31/12 16:30:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10531	.00837	.00683	.00758	.00415	.00944	.00529
SDev	.00339	.00261	.00051	.00007	.00003	.00011	.00019
%RSD	3.2208	31.172	7.4015	.87759	.63600	1.1792	3.6438
#1	.10291	.00652	.00647	.00753	.00413	.00936	.00515
#2	.10771	.01021	.00718	.00763	.00417	.00952	.00543

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10377	.00691	.00646	.00512	.04672	.00377	.00669
SDev	.00091	.00002	.00008	.00023	.00318	.00008	.00001
%RSD	.87529	.29139	1.1821	4.5476	6.8134	2.1416	.14634
#1	.10313	.00693	.00652	.00496	.04897	.00371	.00670
#2	.10441	.00690	.00641	.00528	.04447	.00383	.00668

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00956	.05025	.00709	.00863	.00831	.47446	-.00366
SDev	.00034	.00715	.00005	.00038	.00035	.04237	.00014
%RSD	3.5531	14.233	.75137	4.4194	4.1922	8.9295	3.7886
#1	.00932	.04520	.00705	.00836	.00856	.44450	-.00376
#2	.00980	.05531	.00712	.00890	.00807	.50442	-.00356

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	.73011	.62337	.00213	.00676	.00457	.00765
SDev	.00018	.04806	.00003	.00002	.00073	.00184	.00009
%RSD	5.1817	6.5821	.00554	1.1393	10.792	40.181	1.1947
#1	.00334	.69613	.62340	.00212	.00625	.00587	.00758
#2	.00359	.76409	.62335	.00215	.00728	.00328	.00771

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00700	.00519	.00503	.00752	.00814	.01027
SDev	.00023	.00009	.00229	.00113	.00527	.00314
%RSD	3.3127	1.7923	45.581	15.046	64.703	30.603
#1	.00684	.00512	.00665	.00672	.01186	.00805
#2	.00716	.00525	.00341	.00832	.00442	.01249

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25528	--	--	--	--	--	--
SDev	190.2117	--	--	--	--	--	--
%RSD	.7451248	--	--	--	--	--	--
#1	25662	--	--	--	--	--	--
#2	25393	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/31/12 16:34:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	490.92	-.00023	-.00124	.00171	-.00091	-.00007	.00207
SDev	1.18	.00314	.00301	.00007	.00003	.00004	.00039
%RSD	.24044	1387.5	242.15	4.3132	3.2491	63.410	18.852
#1	490.08	.00199	-.00337	.00166	-.00089	-.00010	.00234
#2	491.75	-.00245	.00088	.00176	-.00093	-.00004	.00179

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	440.91	.00122	-.00021	.01068	189.15	.00460	.00724
SDev	2.12	.00038	.00090	.00013	.67	.00003	.00194
%RSD	.48094	31.061	432.92	1.1920	.35487	.62101	26.762
#1	439.41	.00095	.00043	.01059	188.67	.00458	.00862
#2	442.41	.00149	-.00084	.01077	189.62	.00462	.00587

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01563	477.71	-.00719	.00099	.00025	-.05194	.00043
SDev	.00515	2.05	.00003	.00081	.00006	.02374	.00310
%RSD	32.976	.42866	.43243	81.597	21.919	45.708	724.72
#1	-.01928	476.26	-.00717	.00156	.00029	-.06873	-.00177
#2	-.01199	479.16	-.00722	.00042	.00021	-.03516	.00262

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00114	.02413	.26437	-.00863	.00918	-.00201	-.00253
SDev	.00031	.07969	.01504	.00001	.00284	.00346	.00018

%RSD	26.812	330.27	5.6907	.12137	30.936	171.67	7.1602
#1	-.00093	.08047	.25374	-.00862	.01118	.00043	-.00266
#2	-.00136	-.03222	.27501	-.00863	.00717	-.00446	-.00240

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00456	-.00243	-.08165	.05169	.00151	-.02420
SDev	.00050	.00002	.00557	.00012	.00736	.00405
%RSD	10.907	.98704	6.8275	.23371	487.57	16.733
#1	.00421	-.00241	-.07771	.05178	-.00370	-.02706
#2	.00492	-.00245	-.08559	.05161	.00672	-.02134

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23093	--	--	--	--	--	--
SDev	91.92388	--	--	--	--	--	--
%RSD	.3980595	--	--	--	--	--	--
#1	23158	--	--	--	--	--	--
#2	23028	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/31/12 16:38:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	486.73	1.0078	.99684	1.0272	.43477	1.0234	.46864
SDev	22.92	.0676	.06836	.0452	.02650	.0591	.02940
%RSD	4.7098	6.7059	6.8574	4.3978	6.0945	5.7751	6.2735
#1	470.52	.96001	.94850	.99522	.41604	.98157	.44785
#2	502.94	1.0556	1.0452	1.0591	.45351	1.0651	.48943

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	438.11	.87997	.84596	.99588	193.69	1.2457	.92604
SDev	26.62	.05439	.05055	.04654	11.81	.0504	.04820
%RSD	6.0760	6.1813	5.9752	4.6736	6.0947	4.0458	5.2044
#1	419.29	.84151	.81022	.96297	185.35	1.2101	.89196
#2	456.94	.91843	.88171	1.0288	202.04	1.2813	.96012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94820	474.97	.89692	.95364	.94632	14.561	.90964
SDev	.05167	27.78	.05139	.05735	.05057	.618	.06035
%RSD	5.4491	5.8493	5.7296	6.0139	5.3439	4.2444	6.6350
#1	.91167	455.33	.86058	.91308	.91056	14.124	.86696
#2	.98473	494.62	.93325	.99419	.98208	14.998	.95231

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51285	12.203	13.843	.50133	1.0121	.93135	.95349
SDev	.02451	.426	.538	.02311	.0629	.05881	.05028
%RSD	4.7797	3.4900	3.8870	4.6095	6.2192	6.3141	5.2733
#1	.49552	11.902	13.462	.48498	.96760	.88977	.91794
#2	.53019	12.504	14.223	.51767	1.0566	.97293	.98904

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91785	.97869	.78617	.99598	.92823	.95818
SDev	.05253	.05631	.02989	.05735	.03242	.06129
%RSD	5.7234	5.7537	3.8025	5.7577	3.4924	6.3968
#1	.88070	.93887	.76503	.95543	.90531	.91484
#2	.95499	1.0185	.80730	1.0365	.95116	1.0015

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23761	--	--	--	--	--	--
SDev	735.3910	--	--	--	--	--	--
%RSD	3.094950	--	--	--	--	--	--
#1	24281	--	--	--	--	--	--
#2	23241	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 16:42:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5800	.50872	.50255	.51647	.46846	.50754	.51451
SDev	.0388	.00162	.00421	.00014	.00037	.00138	.00022
%RSD	1.5042	.31777	.83722	.02794	.07912	.27288	.04285
#1	2.5525	.50986	.50552	.51657	.46819	.50852	.51467
#2	2.6074	.50758	.49957	.51637	.46872	.50656	.51435

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.418	.47414	.47162	.47989	2.5731	.48857	.48954
SDev	.062	.00006	.00091	.00077	.0146	.00008	.00081
%RSD	.49677	.01200	.19224	.16112	.56625	.01683	.16511
#1	12.375	.47410	.47226	.48044	2.5628	.48863	.49012
#2	12.462	.47418	.47098	.47935	2.5834	.48851	.48897

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49821	4.8614	.48107	.50916	.53005	12.450	.92143
SDev	.00271	.0434	.00004	.00050	.00223	.004	.00219
%RSD	.54444	.89221	.00910	.09798	.42051	.03378	.23794

#1	.49629	4.8308	.48104	.50880	.53163	12.453	.92298
#2	.50013	4.8921	.48111	.50951	.52847	12.447	.91988

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24665	12.714	12.346	.25918	.53347	.49489	.50400
SDev	.00002	.065	.024	.00016	.00548	.00112	.00016
%RSD	.00592	.51230	.19042	.06026	1.0267	.22612	.03242
#1	.24666	12.760	12.330	.25929	.52960	.49410	.50388
#2	.24664	12.668	12.363	.25907	.53734	.49568	.50411

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48728	.51151	.45634	.50615	.47068	.51203
SDev	.00017	.00059	.00121	.00061	.00166	.00324
%RSD	.03541	.11595	.26478	.12018	.35336	.63221
#1	.48716	.51109	.45720	.50658	.46951	.50974
#2	.48741	.51193	.45549	.50572	.47186	.51432

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25467	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1665937	--	--	--	--	--	--
#1	25437	--	--	--	--	--	--
#2	25497	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 16:45:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06646	.00218	.00066	.00027	-.00045	.00348	.00002
SDev	.02779	.00157	.00005	.00008	.00001	.00012	.00001
%RSD	41.818	72.189	7.2104	30.593	3.0835	3.3975	19.490
#1	.04681	.00107	.00062	.00021	-.00046	.00340	.00003
#2	.08611	.00329	.00069	.00033	-.00044	.00357	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00951	.00037	-.00040	-.00176	-.01862	.00010	-.00006
SDev	.02847	.00019	.00036	.00033	.00690	.00006	.00006
%RSD	299.32	51.612	91.131	18.658	37.054	61.269	98.696
#1	-.01062	.00024	-.00014	-.00199	-.02350	.00006	-.00010
#2	.02964	.00051	-.00066	-.00153	-.01374	.00015	-.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00112	.00615	.00021	.00271	-.00011	-.12676	-.01166
SDev	.00208	.02686	.00008	.00003	.00047	.00369	.00152
%RSD	185.74	436.88	38.565	.93329	431.88	2.9148	13.016
#1	.00259	-.01284	.00015	.00273	-.00044	-.12937	-.01273

#2	-.00035	.02514	.00027	.00270	.00022	-.12415	-.01058

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	-.06720	.06182	.00009	.00297	.00009	.00034
SDev	.00015	.02419	.00168	.00006	.00046	.00018	.00013
%RSD	24.505	36.002	2.7181	66.927	15.557	214.25	38.988
#1	-.00051	-.05009	.06301	.00005	.00330	-.00004	.00025
#2	-.00073	-.08430	.06063	.00013	.00264	.00022	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	-.00273	-.00233	.00107	-.00068	.00202
SDev	.00061	.00006	.00231	.00125	.00278	.00173
%RSD	223.62	2.3032	99.133	116.21	409.42	85.610
#1	-.00016	-.00278	-.00070	.00019	.00129	.00324
#2	.00071	-.00269	-.00397	.00196	-.00264	.00080

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25632	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1738007	--	--	--	--	--	--
#1	25663	--	--	--	--	--	--
#2	25600	--	--	--	--	--	--

Analysis Report 01/31/12 04:57:08 PM page 1

Method: 20076010 Sample Name: mb 600-70492/1-a Operator: SRP
Run Time: 01/31/12 16:53:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06337	.00240	.00098	.00058	-.00065	.00238	.00008
SDev	.02107	.00113	.00032	.00007	.00001	.00008	.00033
%RSD	33.252	47.173	32.910	12.072	1.4657	3.2369	401.63
#1	.04847	.00321	.00121	.00053	-.00066	.00244	.00032
#2	.07827	.00160	.00075	.00063	-.00064	.00233	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00724	.00029	.00045	-.00111	.01618	-.00012	-.00041
SDev	.01742	.00016	.00100	.00024	.04041	.00004	.00078
%RSD	240.57	57.564	221.40	21.912	249.82	33.634	192.80
#1	-.00508	.00040	.00116	-.00129	.04475	-.00015	-.00096
#2	.01956	.00017	-.00026	-.00094	-.01240	-.00009	.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	-.00488	.00027	.00155	-.00002	-.14619	-.01097
SDev	.00087	.02119	.00006	.00083	.00155	.00200	.00083
%RSD	326.57	434.27	20.907	53.533	7037.3	1.3663	7.5376

#1	.00089	-.01986	.00023	.00214	.00108	-.14760	-.01155
#2	-.00035	.01010	.00031	.00097	-.00112	-.14477	-.01038

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.19084	.07802	.00010	.00015	.00360	.00015
SDev	.00117	.22564	.00085	.00003	.00275	.00236	.00011
%RSD	328.09	118.24	1.0825	29.337	1795.5	65.387	72.484

#1	.00119	.35039	.07743	.00008	.00210	.00527	.00007
#2	-.00047	.03128	.07862	.00012	-.00179	.00194	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00037	.00422	-.00272	.00745	-.00332
SDev	.00001	.00030	.00924	.00579	.01189	.00463
%RSD	3.1817	79.173	218.92	213.06	159.65	139.49

#1	.00020	.00016	.01075	-.00682	.01586	-.00660
#2	.00020	.00058	-.00231	.00138	-.00096	-.00005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25790	--	--	--	--	--	--
SDev	168.9985	--	--	--	--	--	--
%RSD	.6552743	--	--	--	--	--	--

#1	25910	--	--	--	--	--	--
#2	25671	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70492/2-a Operator: SRP
Run Time: 01/31/12 16:57:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9504	1.0277	1.0226	1.0587	.47465	1.0355	.51986
SDev	.1110	.0122	.0126	.0132	.00435	.0116	.00459
%RSD	1.1152	1.1844	1.2356	1.2470	.91652	1.1194	.88239

#1	10.029	1.0363	1.0315	1.0681	.47773	1.0437	.52310
#2	9.8719	1.0191	1.0136	1.0494	.47158	1.0273	.51662

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.052	.96150	.96149	.98185	10.338	.49339	.99275
SDev	.087	.01047	.00954	.01055	.106	.00596	.00711
%RSD	.86466	1.0892	.99186	1.0745	1.0297	1.2079	.71653

#1	10.114	.96891	.96823	.98931	10.414	.49760	.99778
#2	9.9908	.95410	.95474	.97439	10.263	.48917	.98772

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0090	9.6927	.97920	1.0233	1.0772	10.229	.92414
SDev	.0089	.0863	.01009	.0087	.0164	.141	.00835
%RSD	.88342	.88989	1.0308	.84928	1.5244	1.3748	.90403
#1	1.0153	9.7537	.98634	1.0294	1.0888	10.328	.93004
#2	1.0027	9.6318	.97206	1.0171	1.0656	10.130	.91823

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50702	9.8334	10.170	.53089	1.0811	.98448	1.0170
SDev	.00418	.0711	.122	.00679	.0041	.00943	.0112
%RSD	.82452	.72270	1.2010	1.2791	.38374	.95777	1.1003
#1	.50997	9.7832	10.256	.53569	1.0840	.99115	1.0249
#2	.50406	9.8837	10.083	.52608	1.0782	.97782	1.0091

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98905	1.0346	.92627	1.0260	.95063	1.0382
SDev	.01015	.0102	.00300	.0092	.00928	.0087
%RSD	1.0262	.98748	.32345	.89397	.97628	.84091
#1	.99622	1.0419	.92839	1.0325	.95719	1.0444
#2	.98187	1.0274	.92415	1.0195	.94407	1.0320

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 05:00:59 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25194	--	--	--	--	--	--
SDev	219.9102	--	--	--	--	--	--
%RSD	.8728847	--	--	--	--	--	--
#1	25038	--	--	--	--	--	--
#2	25349	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49068-c-1-a Operator: SRP
Run Time: 01/31/12 17:01:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08262	.00167	.00087	.07646	-.00102	.73134	-.00021
SDev	.00352	.00146	.00157	.00032	.00004	.00226	.00014
%RSD	4.2609	87.148	180.61	.42320	3.7511	.30879	67.070
#1	.08013	.00271	.00198	.07623	-.00099	.72974	-.00011
#2	.08511	.00064	-.00024	.07669	-.00105	.73293	-.00031

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.29	.00005	.00160	-.00133	.17594	.04219	-.00043
SDev	.39	.00027	.00073	.00044	.02572	.00014	.00104
%RSD	.23420	514.69	46.023	33.280	14.618	.33045	242.00
#1	168.57	-.00014	.00212	-.00164	.19412	.04209	-.00116
#2	168.01	.00025	.00108	-.00102	.15775	.04229	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	149.65	4.3830	.00356	.01664	6.8429	8.8013
SDev	.00042	.14	.0022	.00166	.00007	.0169	.0186
%RSD	24.769	.09172	.05079	46.598	.42253	.24643	.21156
#1	.00198	149.74	4.3846	.00473	.01669	6.8310	8.7881
#2	.00139	149.55	4.3815	.00238	.01659	6.8548	8.8144

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00136	3134.5	804.95	1.4615	.00459	-.00137	-.00080
SDev	.00093	8.0	5.51	.0043	.00188	.00237	.00007
%RSD	68.507	.25452	.68399	.29600	40.978	173.26	8.1597
#1	-.00070	3128.9	808.84	1.4584	.00593	.00031	-.00085
#2	-.00203	3140.2	801.05	1.4646	.00326	-.00304	-.00076

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00078	-.00394	.00133	-.00074	.00290
SDev	.00068	.00011	.00044	.00177	.00722	.00298
%RSD	285.21	14.686	11.153	133.43	978.98	102.99
#1	-.00072	.00070	-.00363	.00008	.00437	.00079

#2	.00024	.00086	-.00425	.00258	-.00585	.00501

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22466	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0409160	--	--	--	--	--	--
#1	22473	--	--	--	--	--	--
#2	22460	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49068-c-2-a Operator: SRP
Run Time: 01/31/12 17:04:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08074	.00182	.00198	.05040	-.00091	.54186	-.00017
SDev	.00475	.00143	.00205	.00013	.00003	.00025	.00001
%RSD	5.8844	78.874	103.85	.24719	2.9488	.04575	4.6630
#1	.07738	.00080	.00052	.05031	-.00089	.54169	-.00018
#2	.08410	.00283	.00343	.05049	-.00093	.54204	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	133.79	.00018	.00073	-.00020	.14692	.01758	-.00041
SDev	.24	.00034	.00017	.00046	.00208	.00006	.00003
%RSD	.18099	194.14	23.365	226.57	1.4185	.33550	7.8659

#1	133.62	-.00007	.00086	-.00052	.14840	.01754	-.00039
#2	133.96	.00042	.00061	.00012	.14545	.01762	-.00044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	91.381	3.0785	.00320	.00575	16.194	7.8341
SDev	.00461	.228	.0064	.00064	.00041	.006	.0222
%RSD	1154.4	.24959	.20761	19.925	7.1186	.04003	.28293

#1	.00286	91.220	3.0740	.00365	.00546	16.190	7.8184
#2	-.00366	91.542	3.0830	.00275	.00604	16.199	7.8497

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00105	1763.4	635.78	.82269	.00021	-.00107	-.00051
SDev	.00020	4.3	6.65	.00155	.00171	.00143	.00006
%RSD	19.438	.24360	1.0454	.18891	816.61	133.35	12.559

#1	-.00091	1760.4	631.08	.82159	-.00100	-.00208	-.00055
#2	-.00119	1766.5	640.48	.82378	.00142	-.00006	-.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00126	-.00461	.00168	-.00436	.00158

SDev	.00018	.00013	.00404	.00207	.00227	.00578
%RSD	178.24	9.9565	87.747	123.05	51.977	365.70

#1	-.00003	.00117	-.00747	.00315	-.00276	.00567
#2	.00023	.00134	-.00175	.00022	-.00596	-.00251

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23701	--	--	--	--	--	--
SDev	207.8894	--	--	--	--	--	--
%RSD	.8771334	--	--	--	--	--	--

#1	23848	--	--	--	--	--	--
#2	23554	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49068-c-3-a Operator: SRP
Run Time: 01/31/12 17:08:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17038	-.00035	.00296	.14990	-.00092	.43204	-.00029
SDev	.00050	.00003	.00097	.00057	.00002	.00266	.00009
%RSD	.29370	9.7019	32.796	.38286	2.1284	.61687	32.451

#1	.17003	-.00037	.00228	.15031	-.00093	.43393	-.00035
#2	.17074	-.00032	.00365	.14950	-.00090	.43016	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	133.44	-.00006	.00406	-.00148	1.2684	.02189	-.00056
SDev	.68	.00036	.00015	.00012	.0009	.00013	.00082

%RSD	.51042	560.29	3.6904	8.0988	.06841	.58069	145.46
#1	133.92	.00019	.00417	-.00139	1.2678	.02198	.00002
#2	132.96	-.00032	.00396	-.00156	1.2690	.02180	-.00114

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	92.564	3.6071	.00117	.00198	7.8524	7.1800
SDev	.00188	.494	.0170	.00013	.00062	.0279	.0268
%RSD	1027.2	.53393	.47119	10.932	31.361	.35571	.37305
#1	-.00115	92.913	3.6191	.00126	.00154	7.8722	7.1990
#2	.00151	92.215	3.5951	.00108	.00242	7.8327	7.1611

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	1706.9	625.75	1.1128	.00097	.00060	.00116
SDev	.00013	6.2	6.14	.0030	.00102	.00078	.00005
%RSD	26.834	.36072	.98067	.27186	105.02	128.85	4.5772
#1	-.00058	1711.2	630.09	1.1150	.00025	.00005	.00113
#2	-.00040	1702.5	621.41	1.1107	.00169	.00115	.00120

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	-.00042	-.00165	-.00002	.00200	-.00073
SDev	.00028	.00012	.00421	.00088	.00186	.00189
%RSD	35.739	27.875	255.63	4451.7	92.673	259.61
#1	-.00058	-.00034	.00133	-.00064	.00069	-.00206
#2	-.00098	-.00050	-.00462	.00060	.00332	.00061

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23906	--	--	--	--	--	--
SDev	133.6432	--	--	--	--	--	--
%RSD	.5590478	--	--	--	--	--	--
#1	23811	--	--	--	--	--	--
#2	24000	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49068-c-4-a Operator: SRP
Run Time: 01/31/12 17:12:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29901	-.00025	.00261	.02114	-.00078	.23850	-.00007
SDev	.00045	.00059	.00028	.00000	.00001	.00004	.00002
%RSD	.15102	234.00	10.716	.01208	1.4607	.01768	30.178
#1	.29869	-.00067	.00281	.02114	-.00077	.23847	-.00005
#2	.29933	.00016	.00241	.02114	-.00079	.23853	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	24.496	.00026	-.00036	-.00138	.26058	.01051	-.00002
SDev	.026	.00002	.00020	.00003	.01149	.00001	.00058
%RSD	.10647	9.0844	56.907	1.9493	4.4090	.06077	3056.2
#1	24.477	.00028	-.00050	-.00136	.25246	.01051	-.00043
#2	24.514	.00025	-.00021	-.00140	.26871	.01052	.00039

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00156	16.062	.13068	.00085	.00055	3.5341	8.3296
SDev	.00219	.024	.00011	.00030	.00045	.0102	.0155
%RSD	139.90	.14932	.08026	34.970	82.306	.28928	.18597
#1	.00002	16.045	.13060	.00106	.00023	3.5268	8.3186
#2	.00311	16.079	.13075	.00064	.00087	3.5413	8.3405

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	596.68	349.23	.18995	.00013	-.00091	.00227
SDev	.00050	1.59	1.14	.00042	.00351	.00121	.00016

%RSD	75.913	.26684	.32657	.22139	2744.6	133.29	7.0389
#1	-.00100	595.55	348.42	.18965	-.00236	-.00176	.00216
#2	-.00030	597.80	350.03	.19025	.00261	-.00005	.00238

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	-.00089	-.00132	.00063	.00210	.00129
SDev	.00018	.00005	.00470	.00148	.00315	.00170
%RSD	31.201	5.7231	355.29	233.43	149.83	131.81
#1	.00071	-.00093	-.00465	.00168	-.00013	.00009
#2	.00045	-.00086	.00200	-.00041	.00433	.00250

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25062	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1862144	--	--	--	--	--	--
#1	25095	--	--	--	--	--	--
#2	25029	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49068-c-4-b du Operator: SRP
Run Time: 01/31/12 17:16:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34562	-.00107	-.00012	.02234	-.00073	.23614	-.00026
SDev	.01089	.00030	.00273	.00033	.00003	.00225	.00001
%RSD	3.1520	27.922	2216.6	1.4972	4.3300	.95443	3.7068
#1	.35332	-.00128	.00181	.02258	-.00075	.23773	-.00027
#2	.33791	-.00086	-.00205	.02210	-.00071	.23454	-.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.447	.00019	-.00064	-.00146	.27683	.01047	-.00042
SDev	.331	.00017	.00019	.00013	.01125	.00018	.00019
%RSD	1.3538	88.189	30.074	8.9690	4.0636	1.6977	45.494
#1	24.681	.00007	-.00050	-.00137	.28478	.01060	-.00055
#2	24.213	.00031	-.00077	-.00156	.26887	.01035	-.00028

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	15.997	.13001	.00089	.00009	3.5086	8.3880
SDev	.00200	.216	.00161	.00030	.00019	.0778	.1125
%RSD	204.69	1.3479	1.2419	33.466	214.35	2.2181	1.3414
#1	.00240	16.149	.13115	.00110	-.00005	3.5637	8.4676
#2	-.00044	15.844	.12887	.00068	.00022	3.4536	8.3085

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	592.48	347.93	.18878	.00154	.00058	.00527
SDev	.00027	7.17	4.76	.00233	.00055	.00030	.00042
%RSD	35.718	1.2104	1.3674	1.2319	35.976	52.790	7.9668
#1	-.00056	597.55	351.29	.19042	.00115	.00079	.00498
#2	-.00094	587.41	344.56	.18714	.00193	.00036	.00557

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	-.00045	-.00106	-.00009	.00239	.00027
SDev	.00019	.00011	.00060	.00001	.00027	.00287
%RSD	26.967	23.987	56.240	15.220	11.481	1046.6
#1	.00083	-.00037	-.00149	-.00008	.00258	.00230
#2	.00057	-.00052	-.00064	-.00010	.00220	-.00176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25388	--	--	--	--	--	--
SDev	288.4996	--	--	--	--	--	--
%RSD	1.136362	--	--	--	--	--	--
#1	25184	--	--	--	--	--	--
#2	25592	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49068-c-4-c ms Operator: SRP
Run Time: 01/31/12 17:20:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.200	1.0978	1.0962	1.0969	.49173	1.3393	.53320
SDev	.486	.0405	.0486	.0457	.01921	.0509	.01973
%RSD	4.3397	3.6887	4.4344	4.1636	3.9068	3.7974	3.7010
#1	10.856	1.0691	1.0619	1.0646	.47815	1.3033	.51925

#2	11.543	1.1264	1.1306	1.1292	.50531	1.3752	.54715
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.979	.98074	.99566	1.0318	10.848	.64820	1.0201
SDev	1.326	.03832	.03920	.0438	.382	.02701	.0344
%RSD	3.7906	3.9075	3.9372	4.2452	3.5239	4.1670	3.3706
#1	34.041	.95364	.96794	1.0008	10.578	.62910	.99579
#2	35.916	1.0078	1.0234	1.0628	11.118	.66730	1.0444
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0847	26.004	1.1297	1.0736	1.1028	20.228	10.043
SDev	.0388	1.022	.0442	.0467	.0368	.867	.397
%RSD	3.5798	3.9306	3.9102	4.3498	3.3369	4.2879	3.9552

#1	1.0572	25.281	1.0985	1.0405	1.0768	19.614	9.7623
#2	1.1121	26.727	1.1610	1.1066	1.1288	20.841	10.324
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52990	620.07	362.01	.73753	1.1503	1.0651	1.0555
SDev	.01978	24.35	13.35	.03146	.0544	.0423	.0416
%RSD	3.7331	3.9265	3.6872	4.2662	4.7301	3.9697	3.9398
#1	.51591	602.86	352.57	.71528	1.1118	1.0352	1.0261
#2	.54388	637.29	371.45	.75978	1.1887	1.0950	1.0849
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.0208	1.0968	.94649	1.0569	1.0212	1.1164	
SDev	.0408	.0410	.02803	.0376	.0407	.0379	
%RSD	3.9958	3.7395	2.9609	3.5540	3.9853	3.3943	
#1	.99195	1.0678	.92667	1.0303	.99245	1.0896	
#2	1.0496	1.1258	.96630	1.0835	1.0500	1.1432	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24832	--	--	--	--	--	--
SDev	857.7205	--	--	--	--	--	--
%RSD	3.454163	--	--	--	--	--	--
#1	25438	--	--	--	--	--	--
#2	24225	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49068-c-4-d msd Operator: SRP
Run Time: 01/31/12 17:24:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.993	1.0754	1.0738	1.0731	.47789	1.3054	.51899
SDev	.000	.0044	.0018	.0004	.00065	.0013	.00066
%RSD	.00369	.41046	.16375	.03304	.13638	.09689	.12790

#1	10.993	1.0722	1.0751	1.0729	.47835	1.3045	.51946
#2	10.992	1.0785	1.0726	1.0734	.47743	1.3063	.51853
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.079	.95207	.96709	1.0053	10.585	.63353	.99519
SDev	.041	.00051	.00104	.0017	.016	.00027	.00167
%RSD	.12027	.05370	.10740	.17339	.15429	.04245	.16799
#1	34.108	.95243	.96783	1.0066	10.596	.63372	.99401
#2	34.050	.95170	.96636	1.0041	10.573	.63334	.99637
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0614	25.336	1.0985	1.0439	1.0553	19.809	9.9382
SDev	.0069	.026	.0010	.0043	.0011	.008	.0029
%RSD	.64606	.10404	.08704	.41232	.10656	.03983	.02871
#1	1.0565	25.354	1.0992	1.0470	1.0561	19.803	9.9402
#2	1.0662	25.317	1.0978	1.0409	1.0545	19.815	9.9362

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51492	606.87	354.39	.72055	1.1182	1.0380	1.0304
SDev	.00022	.46	.28	.00011	.0053	.0015	.0007
%RSD	.04316	.07533	.07842	.01511	.47408	.14204	.06887
#1	.51508	607.19	354.20	.72062	1.1145	1.0391	1.0299
#2	.51476	606.55	354.59	.72047	1.1220	1.0370	1.0309

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99247	1.0639	.92779	1.0289	.99825	1.0929
SDev	.00041	.0007	.00205	.0035	.00756	.0065
%RSD	.04121	.06622	.22082	.34330	.75750	.59516
#1	.99276	1.0634	.92923	1.0264	.99291	1.0883
#2	.99219	1.0644	.92634	1.0314	1.0036	1.0975

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25258	--	--	--	--	--	--
SDev	61.51829	--	--	--	--	--	--
%RSD	.2435548	--	--	--	--	--	--
#1	25302	--	--	--	--	--	--
#2	25215	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49068-c-5-a Operator: SRP
Run Time: 01/31/12 17:27:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.05918	.00196	.00269	.04481	-.00074	.61349	-.00022
SDev	.00363	.00023	.00076	.00096	.00004	.01337	.00010
%RSD	6.1288	11.616	28.044	2.1523	5.9814	2.1785	44.538
#1	.05661	.00212	.00216	.04413	-.00071	.60404	-.00029
#2	.06174	.00180	.00323	.04549	-.00077	.62294	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	138.89	.00030	.00251	-.00146	.63848	.01223	-.00054
SDev	2.98	.00023	.00005	.00008	.01248	.00033	.00033
%RSD	2.1456	77.070	1.7835	5.5546	1.9550	2.6770	59.791

#1	136.78	.00046	.00255	-.00151	.62966	.01199	-.00031
#2	141.00	.00014	.00248	-.00140	.64731	.01246	-.00077

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	61.337	3.1573	.00344	.00243	6.3012	8.0348
SDev	.00121	1.372	.0701	.00116	.00006	.1687	.1817
%RSD	140.87	2.2372	2.2214	33.790	2.2706	2.6776	2.2618
#1	.00171	60.367	3.1077	.00426	.00247	6.1819	7.9063
#2	.00000	62.308	3.2069	.00261	.00239	6.4205	8.1633

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	499.29	309.52	.67138	.00344	.00029	-.00038
SDev	.00027	10.94	5.99	.01582	.00280	.00149	.00012
%RSD	96.768	2.1903	1.9343	2.3571	81.389	510.90	32.800
#1	-.00009	491.55	305.29	.66019	.00542	.00135	-.00029
#2	-.00047	507.02	313.75	.68257	.00146	-.00076	-.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	-.00083	-.00116	-.00024	-.00167	.00212
SDev	.00001	.00012	.00091	.00094	.00342	.00010
%RSD	3.2331	14.846	78.800	397.32	204.92	4.8749
#1	.00022	-.00074	-.00180	.00043	.00075	.00219
#2	.00021	-.00091	-.00051	-.00091	-.00408	.00205

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25886	--	--	--	--	--	--
SDev	433.4565	--	--	--	--	--	--
%RSD	1.674514	--	--	--	--	--	--
#1	26192	--	--	--	--	--	--
#2	25579	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 17:31:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4716	.49793	.49065	.51182	.45649	.49809	.49939
SDev	.0075	.00045	.00590	.00231	.00196	.00291	.00174
%RSD	.30361	.09038	1.2027	.45047	.42883	.58427	.34871
#1	2.4663	.49825	.48648	.51019	.45511	.49604	.49815
#2	2.4769	.49762	.49483	.51345	.45788	.50015	.50062

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.017	.46191	.46055	.47530	2.4945	.48502	.47714
SDev	.040	.00143	.00135	.00193	.0112	.00179	.00176
%RSD	.33348	.30849	.29217	.40589	.44800	.36927	.36853
#1	11.988	.46090	.45960	.47393	2.5024	.48376	.47590
#2	12.045	.46292	.46150	.47666	2.4866	.48629	.47838

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49135	4.6464	.46885	.49469	.51161	12.420	.90577
SDev	.00311	.0100	.00176	.00444	.00024	.045	.00134
%RSD	.63310	.21520	.37522	.89769	.04709	.36565	.14776
#1	.48915	4.6393	.46760	.49155	.51144	12.387	.90482
#2	.49355	4.6535	.47009	.49783	.51178	12.452	.90671

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24177	12.578	12.460	.25639	.52666	.48217	.49595
SDev	.00036	.007	.040	.00110	.00793	.00353	.00152
%RSD	.14904	.05792	.32084	.42821	1.5058	.73310	.30727
#1	.24152	12.583	12.432	.25561	.52106	.47967	.49488
#2	.24203	12.573	12.488	.25716	.53227	.48467	.49703

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47706	.49725	.44572	.49285	.46701	.50357
SDev	.00239	.00207	.00036	.00246	.00387	.00273
%RSD	.50065	.41582	.08094	.49858	.82819	.54264
#1	.47538	.49578	.44546	.49111	.46428	.50164
#2	.47875	.49871	.44597	.49459	.46975	.50551

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26220	--	--	--	--	--	--
SDev	96.87363	--	--	--	--	--	--
%RSD	.3694717	--	--	--	--	--	--
#1	26288	--	--	--	--	--	--
#2	26151	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP

Run Time: 01/31/12 17:35:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06183	.00200	.00207	.00026	-.00054	.00459	.00008
SDev	.00207	.00175	.00076	.00012	.00007	.00079	.00003

%RSD	3.3533	87.638	36.675	44.538	13.454	17.231	37.933
#1	.06036	.00324	.00261	.00034	-.00048	.00515	.00006
#2	.06330	.00076	.00154	.00018	-.00059	.00403	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00444	.00080	-.00025	-.00136	-.01350	-.00003	-.00048
SDev	.00081	.00075	.00001	.00055	.00289	.00007	.00021
%RSD	18.165	93.011	5.3658	40.458	21.377	225.75	43.115
#1	-.00501	.00133	-.00024	-.00097	-.01146	-.00008	-.00034
#2	-.00387	.00027	-.00026	-.00175	-.01554	.00002	-.00063

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00267	-.01026	.00030	.00246	-.00010	-.15807	-.01019
SDev	.00030	.00833	.00010	.00094	.00006	.04157	.00237
%RSD	11.437	81.163	33.090	38.278	65.312	26.300	23.256
#1	.00289	-.01615	.00037	.00313	-.00014	-.18747	-.00851
#2	.00245	-.00437	.00023	.00179	-.00005	-.12867	-.01186

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.02110	.04174	.00008	.00186	.00051	.00044
SDev	.00015	.03311	.00410	.00006	.00165	.00189	.00024
%RSD	76.905	156.90	9.8223	65.493	88.785	366.68	54.200
#1	-.00009	-.00231	.03884	.00012	.00303	.00185	.00061
#2	-.00030	.04451	.04464	.00005	.00069	-.00082	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	-.00272	-.00880	.00367	-.00754	.00778
SDev	.00078	.00021	.00672	.00367	.01368	.00730
%RSD	123.48	7.9138	76.353	99.954	181.40	93.856
#1	.00118	-.00256	-.01355	.00627	-.01722	.01294
#2	.00008	-.00287	-.00405	.00108	.00213	.00262

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25864	--	--	--	--	--	--
SDev	513.3595	--	--	--	--	--	--
%RSD	1.984842	--	--	--	--	--	--
#1	26227	--	--	--	--	--	--

#2	25501	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49063-a-1-a Operator: SRP
Run Time: 01/31/12 17:39:32
Comment: TRACE 61E

Analysis Report 01/31/12 05:43:20 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07756	.00026	.00042	.05312	-.00087	.74927	-.00011
SDev	.00628	.00100	.00114	.00017	.00001	.00220	.00002
%RSD	8.0997	387.06	273.60	.31933	1.5326	.29330	17.556
#1	.07312	.00097	-.00039	.05300	-.00086	.74772	-.00009
#2	.08200	-.00045	.00123	.05324	-.00088	.75083	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	412.24	-.00001	-.00019	.00383	.07174	.20127	-.00011
SDev	2.42	.00023	.00018	.00014	.02052	.00067	.00065
%RSD	.58648	2513.7	93.352	3.5440	28.603	.33147	609.60
#1	410.53	-.00018	-.00006	.00393	.08625	.20080	-.00057
#2	413.95	.00016	-.00032	.00373	.05723	.20174	.00035

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	28.007	.01091	.00145	.00401	11.338	6.0296
SDev	.00008	.172	.00008	.00019	.00011	.035	.0264
%RSD	7.1041	.61528	.75918	13.368	2.7005	.30707	.43836
#1	.00108	27.885	.01085	.00131	.00409	11.314	6.0109
#2	.00120	28.129	.01097	.00158	.00393	11.363	6.0483

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	625.06	374.27	11.405	-.00016	.00087	-.00209
SDev	.00063	1.63	1.39	.039	.00314	.00107	.00003
%RSD	102.47	.26147	.37106	.33987	1962.0	122.34	1.6553
#1	-.00017	623.90	373.29	11.378	.00206	.00012	-.00207
#2	-.00105	626.21	375.26	11.432	-.00238	.00162	-.00212

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00042	-.00022	-.00005	.00368	-.00013
SDev	.00029	.00019	.00002	.00096	.00191	.00108
%RSD	1454.1	44.523	10.680	1891.8	51.884	818.67
#1	-.00018	-.00055	-.00023	-.00073	.00503	-.00089
#2	.00022	-.00029	-.00020	.00063	.00233	.00063

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23682	--	--	--	--	--	--
SDev	116.6726	--	--	--	--	--	--

%RSD	.4926741	--	--	--	--	--	--
#1	23764	--	--	--	--	--	--
#2	23599	--	--	--	--	--	--

Analysis Report 01/31/12 05:43:20 PM page 15

Method: 20076010 Sample Name: 600-49063-b-1-a Operator: SRP
Run Time: 01/31/12 17:43:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09021	.00169	.00159	.05198	-.00083	.70011	.00026
SDev	.00001	.00061	.00320	.00028	.00003	.00084	.00012
%RSD	.00572	36.261	200.94	.53669	4.0152	.11956	44.964
#1	.09022	.00213	-.00067	.05218	-.00085	.69952	.00018
#2	.09021	.00126	.00385	.05178	-.00080	.70070	.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	402.41	.00015	.00073	.00324	.12185	.19068	-.00077
SDev	1.47	.00011	.00060	.00001	.02541	.00175	.00097
%RSD	.36526	68.769	82.486	.26732	20.855	.91512	126.51
#1	401.37	.00023	.00030	.00325	.10388	.19191	-.00145
#2	403.45	.00008	.00115	.00323	.13982	.18945	-.00008

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00264	26.677	.01772	.00225	.00498	10.731	5.9211
SDev	.00392	.063	.00010	.00001	.00016	.101	.0093
%RSD	148.49	.23449	.55618	.59738	3.2249	.94500	.15716
#1	.00541	26.633	.01765	.00224	.00487	10.802	5.9277
#2	-.00013	26.721	.01779	.00226	.00510	10.659	5.9145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	599.70	363.53	10.949	.00108	.00170	-.00153
SDev	.00058	3.47	2.08	.040	.00039	.00246	.00002
%RSD	173.32	.57876	.57350	.36767	36.294	144.44	1.0064
#1	-.00008	602.15	365.01	10.978	.00135	-.00004	-.00152
#2	.00074	597.25	362.06	10.921	.00080	.00344	-.00154

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00018	.00044	-.00137	.00885	-.00046
SDev	.00000	.00017	.00352	.00030	.00499	.00338
%RSD	.87531	98.684	802.94	22.044	56.442	729.98
#1	-.00017	.00005	-.00205	-.00116	.01238	.00193
#2	-.00017	.00030	.00292	-.00158	.00532	-.00286

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	23906	--	--	--	--	--	--

SDev	249.6087	--	--	--	--	--	--
%RSD	1.044104	--	--	--	--	--	--
#1	23730	--	--	--	--	--	--
#2	24083	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49063-a-2-a Operator: SRP
Run Time: 01/31/12 17:47:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1820	.00097	.00285	.07858	-.00075	6.2052	.00005
SDev	.0026	.00092	.00010	.00010	.00001	.0357	.00003
%RSD	.21607	94.187	3.4449	.12924	1.4166	.57456	61.235
#1	1.1838	.00162	.00278	.07865	-.00075	6.2304	.00003
#2	1.1802	.00033	.00292	.07851	-.00076	6.1800	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	496.63	.00116	.10575	.00104	1.6681	2.5190	.00054
SDev	4.28	.00045	.00071	.00048	.0321	.0030	.00031
%RSD	.86192	38.612	.67011	45.881	1.9225	.12017	56.782
#1	499.66	.00084	.10625	.00070	1.6908	2.5211	.00076
#2	493.60	.00148	.10525	.00138	1.6454	2.5169	.00033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00363	333.49	4.5836	.03950	.21602	98.228	10.639
SDev	.00112	2.13	.0290	.00003	.00139	.095	.046
%RSD	30.900	.63993	.63268	.08659	.64454	.09702	.43457
#1	.00284	335.00	4.6041	.03952	.21700	98.295	10.672
#2	.00442	331.98	4.5631	.03947	.21504	98.160	10.606

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	1263.2	554.91	23.644	.00137	.00123	.00828
SDev	.00007	3.6	4.95	.085	.00528	.00168	.00008
%RSD	8.8644	.28375	.89243	.35745	384.83	136.06	.98378
#1	-.00083	1265.8	558.41	23.704	.00511	.00242	.00822
#2	-.00074	1260.7	551.41	23.584	-.00236	.00005	.00834

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00258	.21639	-.00166	.00165	.00432	.00328
SDev	.00011	.00175	.00198	.00053	.00267	.00302
%RSD	4.1405	.81062	119.66	32.074	61.820	91.990
#1	.00266	.21763	-.00026	.00127	.00621	.00115
#2	.00251	.21515	-.00306	.00202	.00243	.00541

Analysis Report 01/31/12 05:51:02 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23140	--	--	--	--	--	--
SDev	96.87363	--	--	--	--	--	--
%RSD	.4186324	--	--	--	--	--	--
#1	23072	--	--	--	--	--	--
#2	23209	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49063-a-3-a Operator: SRP
Run Time: 01/31/12 17:51:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73113	.00564	.01133	.15950	-.00068	.38148	.00062
SDev	.00328	.00162	.00007	.00002	.00002	.00260	.00007
%RSD	.44809	28.783	.60639	.01412	2.6194	.68060	10.871
#1	.72882	.00450	.01137	.15949	-.00070	.38331	.00067
#2	.73345	.00679	.01128	.15952	-.00067	.37964	.00058

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	195.08	.00182	.01155	.00767	7.6014	.24894	.07608
SDev	.42	.00015	.00014	.00013	.0004	.00005	.00036
%RSD	.21284	8.3965	1.2043	1.6608	.00591	.01911	.47291
#1	194.79	.00171	.01165	.00758	7.6017	.24897	.07634
#2	195.38	.00193	.01145	.00776	7.6011	.24891	.07583

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	14.312	1.2979	.00347	.01272	57.331	12.715
SDev	.00162	.022	.0021	.00035	.00026	.075	.015
%RSD	215.44	.15441	.15871	10.133	2.0164	.13029	.11771
#1	-.00039	14.296	1.2965	.00372	.01254	57.384	12.704
#2	.00190	14.328	1.2994	.00322	.01290	57.278	12.725

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	158.84	133.03	2.4517	-.00010	-.00001	.00677
SDev	.00012	.13	.23	.0013	.00079	.00111	.00000
%RSD	17.647	.07987	.17272	.05224	777.07	18427.	.03588
#1	-.00079	158.93	132.87	2.4508	.00046	.00078	.00676
#2	-.00061	158.75	133.19	2.4527	-.00066	-.00079	.00677

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00526	.02724	.07070	.07877	.00491	-.00133
SDev	.00010	.00001	.00201	.00047	.00335	.00076
%RSD	1.8886	.03328	2.8502	.59395	68.178	56.942

Analysis Report 01/31/12 05:54:54 PM page 18

#1	.00519	.02724	.07213	.07844	.00254	-.00186
#2	.00533	.02725	.06928	.07910	.00727	-.00079

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24941	--	--	--	--	--	--
SDev	59.39697	--	--	--	--	--	--
%RSD	.2381499	--	--	--	--	--	--
#1	24983	--	--	--	--	--	--
#2	24899	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49063-a-4-a Operator: SRP
Run Time: 01/31/12 17:54:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07716	.00032	-.00071	.03310	-.00085	2.0579	-.00013
SDev	.00159	.00061	.00137	.00018	.00002	.0057	.00022
%RSD	2.0590	191.33	192.90	.54787	2.8061	.27708	165.07
#1	.07828	.00075	.00026	.03323	-.00084	2.0620	.00002
#2	.07603	-.00011	-.00168	.03297	-.00087	2.0539	-.00029

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	341.21	.00051	.03458	-.00120	.05974	.11589	.00152
SDev	2.24	.00046	.00049	.00035	.01392	.00027	.00060
%RSD	.65575	89.902	1.4178	29.137	23.306	.23627	39.305
#1	342.80	.00084	.03493	-.00095	.06958	.11609	.00194
#2	339.63	.00019	.03424	-.00145	.04989	.11570	.00110

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00612	25.998	12.815	.00038	.03972	5.2119	8.6960
SDev	.00072	.148	.070	.00068	.00029	.0262	.0315
%RSD	11.786	.57023	.54946	178.65	.72014	.50268	.36184
#1	-.00561	26.103	12.865	.00086	.03992	5.2304	8.7183
#2	-.00663	25.893	12.766	-.00010	.03952	5.1934	8.6738

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	838.28	444.44	3.2105	-.00248	-.00221	-.00175
SDev	.00007	2.21	2.85	.0055	.00139	.00024	.00003
%RSD	7.7000	.26423	.64230	.17002	55.953	10.676	1.7272
#1	-.00090	839.85	446.46	3.2143	-.00150	-.00204	-.00177
#2	-.00081	836.72	442.43	3.2066	-.00346	-.00237	-.00173

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.03232	-.00163	.00310	-.01053	-.00391
SDev	.00019	.00031	.00047	.00066	.00088	.00152
%RSD	332.04	.96581	29.017	21.311	8.3412	38.876
#1	.00008	.03254	-.00130	.00357	-.01115	-.00284
#2	-.00019	.03210	-.00197	.00263	-.00991	-.00499

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24112	--	--	--	--	--	--
SDev	43.84062	--	--	--	--	--	--
%RSD	.1818208	--	--	--	--	--	--
#1	24081	--	--	--	--	--	--
#2	24143	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49063-b-4-a Operator: SRP
Run Time: 01/31/12 17:58:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07988	-.00161	-.00053	.03545	-.00084	2.1496	-.00025
SDev	.00133	.00116	.00071	.00003	.00001	.0041	.00011
%RSD	1.6688	72.122	132.26	.08476	.75981	.18992	46.813
#1	.08083	-.00243	-.00103	.03547	-.00085	2.1525	-.00016
#2	.07894	-.00079	-.00003	.03543	-.00084	2.1467	-.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	352.45	.00021	.03677	-.00156	.74673	.12085	.00411
SDev	.90	.00023	.00034	.00001	.01058	.00003	.00023
%RSD	.25638	110.72	.91895	.83694	1.4169	.02203	5.6436
#1	353.09	.00005	.03701	-.00155	.75421	.12084	.00395
#2	351.81	.00037	.03653	-.00157	.73924	.12087	.00428

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00574	26.884	13.317	.00062	.04049	5.5148	9.0733
SDev	.00159	.076	.034	.00072	.00053	.0035	.0220
%RSD	27.633	.28447	.25637	116.62	1.3178	.06429	.24225
#1	-.00687	26.938	13.342	.00011	.04086	5.5123	9.0889
#2	-.00462	26.830	13.293	.00113	.04011	5.5173	9.0578

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	879.57	458.69	3.3452	-.00172	.00063	-.00180
SDev	.00006	1.57	.48	.0049	.00085	.00064	.00006
%RSD	8.7362	.17803	.10395	.14687	49.378	101.59	3.2725

#1	-.00068	880.67	459.03	3.3487	-.00233	.00109	-.00185
#2	-.00077	878.46	458.35	3.3417	-.00112	.00018	-.00176

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.03358	.00068	.00582	-.00377	-.00673
SDev	.00001	.00008	.00161	.00046	.00260	.00108
%RSD	12.360	.23622	235.93	7.8868	69.112	16.033
#1	-.00006	.03364	-.00046	.00615	-.00561	-.00750
#2	-.00005	.03352	.00183	.00550	-.00193	-.00597

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23708	--	--	--	--	--	--
SDev	106.7731	--	--	--	--	--	--
%RSD	.4503770	--	--	--	--	--	--
#1	23632	--	--	--	--	--	--
#2	23783	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49063-a-4-b ms Operator: SRP
Run Time: 01/31/12 18:02:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.859	1.0948	1.0968	1.0939	.46929	3.2144	.50216
SDev	.034	.0035	.0022	.0034	.00218	.0087	.00226
%RSD	.31086	.32022	.19654	.31218	.46541	.27084	.44899
#1	10.882	1.0972	1.0983	1.0963	.47083	3.2206	.50375
#2	10.835	1.0923	1.0953	1.0915	.46774	3.2082	.50056

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	352.56	.93953	.98988	1.0322	10.104	.79186	.98044
SDev	1.42	.00335	.00430	.0039	.067	.00266	.00266
%RSD	.40393	.35664	.43492	.37741	.65862	.33626	.27178
#1	353.57	.94190	.99293	1.0350	10.151	.79375	.98233
#2	351.56	.93716	.98684	1.0295	10.057	.78998	.97856

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0746	35.715	13.858	1.0451	1.0976	23.626	9.9164
SDev	.0012	.145	.053	.0004	.0090	.087	.0349
%RSD	.10884	.40681	.38294	.03375	.82417	.36728	.35237
#1	1.0754	35.818	13.895	1.0453	1.1040	23.687	9.9411
#2	1.0738	35.612	13.820	1.0448	1.0912	23.565	9.8917

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.52913	885.65	458.85	3.8641	1.1045	1.0342	1.0218
SDev	.00107	3.10	1.34	.0120	.0025	.0055	.0038
%RSD	.20303	.35028	.29236	.31128	.23013	.53263	.36833

#1	.52989	887.85	459.80	3.8727	1.1027	1.0381	1.0244
#2	.52837	883.46	457.90	3.8556	1.1063	1.0303	1.0191

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99666	1.0999	.91334	1.0140	1.0185	1.1026
SDev	.00291	.0044	.00022	.0039	.0051	.0043
%RSD	.29194	.39683	.02389	.38342	.49604	.38821

#1	.99872	1.1030	.91349	1.0167	1.0149	1.1057
#2	.99460	1.0968	.91318	1.0112	1.0221	1.0996

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24010	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.2090943	--	--	--	--	--	--

#1	23975	--	--	--	--	--	--
#2	24046	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49063-b-4-b ms Operator: SRP
Run Time: 01/31/12 18:06:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.764	1.0846	1.0848	1.0854	.46605	3.2144	.49869
SDev	.014	.0047	.0080	.0005	.00299	.0124	.00365
%RSD	.12974	.42980	.73973	.04163	.64253	.38640	.73285

#1	10.754	1.0813	1.0792	1.0851	.46394	3.2056	.49610
#2	10.774	1.0878	1.0905	1.0857	.46817	3.2232	.50127

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	354.02	.93257	.98444	1.0229	11.248	.78468	.98603
SDev	2.40	.00768	.00471	.0014	.068	.00085	.00793
%RSD	.67862	.82336	.47819	.13228	.60346	.10797	.80410

#1	352.32	.92715	.98111	1.0219	11.200	.78408	.99163
#2	355.71	.93800	.98777	1.0239	11.296	.78528	.98042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0757	35.777	13.935	1.0379	1.0776	23.467	10.028
SDev	.0083	.188	.073	.0054	.0084	.023	.043
%RSD	.77287	.52477	.52242	.51742	.77893	.09980	.42578

#1	1.0815	35.644	13.884	1.0341	1.0716	23.451	9.9974

#2	1.0698	35.910	13.987	1.0417	1.0835	23.484	10.058

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52539	886.44	460.63	3.8735	1.0894	1.0219	1.0120
SDev	.00117	1.10	.49	.0045	.0029	.0076	.0030

%RSD	.22192	.12390	.10575	.11691	.26774	.74358	.29592
#1	.52457	885.66	460.28	3.8703	1.0874	1.0165	1.0099
#2	.52622	887.22	460.97	3.8767	1.0915	1.0273	1.0141

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98793	1.0903	.91755	1.0203	1.0203	1.1033
SDev	.00339	.0055	.00327	.0103	.0027	.0111
%RSD	.34294	.50558	.35627	1.0055	.26587	1.0073
#1	.98554	1.0864	.91986	1.0275	1.0222	1.1112
#2	.99033	1.0942	.91524	1.0130	1.0184	1.0955

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23820	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.3057663	--	--	--	--	--	--
#1	23768	--	--	--	--	--	--
#2	23871	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49063-a-4-c msd Operator: SRP
Run Time: 01/31/12 18:10:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.590	1.0750	1.0865	1.0694	.46446	3.2017	.49819
SDev	.030	.0045	.0069	.0019	.00003	.0042	.00010
%RSD	.28548	.41796	.63341	.18055	.00640	.12985	.01952
#1	10.569	1.0718	1.0816	1.0680	.46448	3.1987	.49826
#2	10.612	1.0781	1.0913	1.0707	.46444	3.2046	.49812

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	354.91	.92860	.97880	1.0083	10.015	.77030	.96831
SDev	.30	.00037	.00002	.0012	.014	.00279	.00077
%RSD	.08357	.04004	.00243	.12193	.13564	.36222	.07910
#1	355.12	.92886	.97879	1.0075	10.006	.76833	.96776
#2	354.70	.92834	.97882	1.0092	10.025	.77227	.96885

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0622	35.725	13.895	1.0293	1.0715	23.003	9.9092

SDev	.0061	.011	.006	.0033	.0017	.091	.0175
%RSD	.57276	.03013	.04417	.31940	.15831	.39628	.17701
#1	1.0579	35.733	13.899	1.0270	1.0703	22.938	9.8968
#2	1.0665	35.718	13.890	1.0317	1.0727	23.067	9.9216

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51856	878.34	456.24	3.8375	1.0879	1.0193	.99999
SDev	.00149	2.42	.70	.0095	.0012	.0061	.00082
%RSD	.28812	.27571	.15298	.24705	.11130	.60089	.08248
#1	.51751	876.63	456.73	3.8308	1.0871	1.0150	.99941
#2	.51962	880.06	455.75	3.8442	1.0888	1.0237	1.0006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97937	1.0851	.90376	1.0006	1.0075	1.0896
SDev	.00038	.0008	.00791	.0028	.0066	.0058
%RSD	.03883	.06991	.87465	.28019	.65223	.53603
#1	.97910	1.0856	.89817	1.0026	1.0028	1.0855
#2	.97964	1.0846	.90935	.99859	1.0121	1.0937

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24292	--	--	--	--	--	--
SDev	93.33810	--	--	--	--	--	--
%RSD	.3842339	--	--	--	--	--	--
#1	24226	--	--	--	--	--	--
#2	24358	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49063-b-4-c msd Operator: SRP
Run Time: 01/31/12 18:14:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.646	1.0816	1.0924	1.0717	.46995	3.2228	.50298
SDev	.027	.0013	.0062	.0028	.00164	.0132	.00159
%RSD	.25359	.11807	.56415	.26490	.34835	.40962	.31510
#1	10.665	1.0807	1.0967	1.0738	.47111	3.2321	.50410
#2	10.627	1.0825	1.0880	1.0697	.46879	3.2134	.50186

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	358.72	.93699	.98852	1.0114	10.446	.77209	.98075
SDev	.99	.00231	.00254	.0014	.063	.00254	.00014
%RSD	.27466	.24640	.25737	.14027	.60643	.32891	.01407
#1	359.41	.93862	.99032	1.0124	10.490	.77389	.98085

#2	358.02	.93535	.98672	1.0104	10.401	.77030	.98065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0703	36.097	14.024	1.0379	1.0882	23.044	9.9946
SDev	.0027	.088	.034	.0020	.0019	.095	.0249
%RSD	.24948	.24248	.24373	.19219	.17301	.41154	.24900
#1	1.0722	36.159	14.048	1.0365	1.0896	23.111	10.012
#2	1.0685	36.035	14.000	1.0393	1.0869	22.977	9.9770

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52288	882.29	461.64	3.8586	1.0973	1.0267	1.0079
SDev	.00190	2.88	.58	.0128	.0022	.0016	.0020
%RSD	.36392	.32666	.12457	.33179	.20162	.15415	.20155
#1	.52423	884.33	462.04	3.8677	1.0957	1.0279	1.0093
#2	.52154	880.25	461.23	3.8496	1.0989	1.0256	1.0064

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98733	1.0921	.91573	1.0133	1.0063	1.1024
SDev	.00253	.0034	.00208	.0008	.0005	.0043
%RSD	.25677	.30930	.22657	.08196	.05251	.38732
#1	.98913	1.0944	.91720	1.0127	1.0059	1.1054
#2	.98554	1.0897	.91427	1.0138	1.0067	1.0993

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24062	--	--	--	--	--	--
SDev	26.87006	--	--	--	--	--	--
%RSD	.1116701	--	--	--	--	--	--
#1	24081	--	--	--	--	--	--
#2	24043	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 18:18:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5192	.51289	.50987	.52097	.47354	.51904	.51659
SDev	.0658	.01204	.01520	.01323	.01321	.01386	.01478
%RSD	2.6106	2.3474	2.9803	2.5387	2.7905	2.6695	2.8605
#1	2.4727	.50437	.49912	.51161	.46419	.50925	.50614
#2	2.5657	.52140	.52061	.53032	.48288	.52884	.52704

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.462	.47866	.47718	.48500	2.5711	.49189	.49216
SDev	.360	.01382	.01277	.01238	.0690	.01194	.01039
%RSD	2.8918	2.8866	2.6772	2.5533	2.6852	2.4277	2.1116
#1	12.207	.46889	.46815	.47624	2.5223	.48345	.48482
#2	12.717	.48843	.48622	.49376	2.6199	.50034	.49951

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50039	4.8213	.48497	.51208	.53752	12.579	.93028
SDev	.01418	.1345	.01327	.01453	.01565	.307	.02355
%RSD	2.8340	2.7887	2.7351	2.8372	2.9112	2.4372	2.5316

#1	.49036	4.7262	.47559	.50181	.52646	12.362	.91362
#2	.51041	4.9163	.49435	.52235	.54859	12.796	.94693

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24891	12.882	12.623	.26086	.53668	.49657	.50929
SDev	.00628	.270	.305	.00698	.01666	.01199	.01372
%RSD	2.5213	2.0967	2.4153	2.6757	3.1037	2.4145	2.6941

#1	.24447	12.691	12.407	.25593	.52490	.48810	.49959
#2	.25334	13.073	12.838	.26580	.54846	.50505	.51899

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49202	.51528	.46392	.50629	.47527	.51300
SDev	.01346	.01442	.01051	.01033	.00719	.01768
%RSD	2.7353	2.7983	2.2652	2.0412	1.5132	3.4458

#1	.48250	.50509	.45649	.49898	.47018	.50051
#2	.50153	.52548	.47135	.51359	.48035	.52550

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24990	--	--	--	--	--	--
SDev	498.5103	--	--	--	--	--	--
%RSD	1.994879	--	--	--	--	--	--

#1	25342	--	--	--	--	--	--
#2	24637	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 18:21:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04588	.00146	.00120	.00031	-.00041	.00971	.00010
SDev	.00141	.00035	.00064	.00008	.00006	.00069	.00016
%RSD	3.0713	24.075	52.892	26.540	13.892	7.0713	162.31

#1	.04489	.00121	.00166	.00025	-.00045	.01019	-.00001
#2	.04688	.00171	.00075	.00037	-.00037	.00922	.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00583	.00034	-.00033	-.00160	-.03587	.00010	-.00041
SDev	.00568	.00010	.00028	.00020	.00202	.00009	.00046
%RSD	97.561	28.793	82.661	12.619	5.6407	89.368	111.73

#1	-.00984	.00027	-.00053	-.00174	-.03730	.00004	-.00009
#2	-.00181	.00040	-.00014	-.00146	-.03444	.00016	-.00074

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00357	-.01514	.00044	.00324	.00015	-.13027	-.01310
SDev	.00018	.00322	.00024	.00103	.00012	.01296	.00094
%RSD	5.0954	21.277	55.724	31.704	79.779	9.9486	7.1710
#1	.00370	-.01741	.00027	.00397	.00007	-.13943	-.01377
#2	.00344	-.01286	.00061	.00252	.00024	-.12110	-.01244

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	-.06705	.04391	.00015	.00134	-.00087	.00039
SDev	.00003	.03259	.00919	.00007	.00346	.00242	.00015
%RSD	2.3772	48.604	20.929	51.093	257.44	276.98	37.643
#1	-.00115	-.09009	.03741	.00009	.00379	-.00258	.00029
#2	-.00111	-.04401	.05040	.00020	-.00110	.00084	.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	-.00268	-.00214	.00045	.00379	.00347
SDev	.00025	.00011	.00010	.00064	.00005	.00030
%RSD	63.133	4.1380	4.6492	140.99	1.4263	8.6580
#1	.00022	-.00276	-.00207	.00091	.00375	.00368
#2	.00058	-.00260	-.00221	.00000	.00382	.00325

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25857	--	--	--	--	--	--
SDev	90.50967	--	--	--	--	--	--
%RSD	.3500393	--	--	--	--	--	--
#1	25921	--	--	--	--	--	--
#2	25793	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49068-c-4-a Operator: SRP
Run Time: 01/31/12 18:25:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.244	1.0349	1.0278	1.0194	.45932	1.2588	.50435
SDev	.317	.0358	.0356	.0304	.01422	.0388	.01710
%RSD	3.0954	3.4611	3.4657	2.9868	3.0958	3.0828	3.3907
#1	10.469	1.0602	1.0530	1.0410	.46937	1.2863	.51644
#2	10.020	1.0095	1.0026	.99791	.44926	1.2314	.49226

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.902	.92973	.93244	.95516	10.059	1.2055	.96557
SDev	1.080	.02992	.03008	.02907	.336	.0368	.02588
%RSD	3.1856	3.2179	3.2254	3.0439	3.3383	3.0508	2.6799
#1	34.666	.95089	.95370	.97572	10.297	1.2315	.98387
#2	33.139	.90858	.91117	.93460	9.8218	1.1795	.94728

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99605	25.079	1.0767	.99697	1.0526	18.582	9.4401
SDev	.02216	.791	.0335	.02854	.0352	.596	.2877
%RSD	2.2251	3.1548	3.1073	2.8631	3.3409	3.2048	3.0481
#1	1.0117	25.639	1.1004	1.0172	1.0775	19.003	9.6436
#2	.98038	24.520	1.0531	.97679	1.0278	18.161	9.2367

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49107	597.73	358.19	.68758	1.0623	.99581	.97812
SDev	.01544	17.77	10.74	.02090	.0286	.03242	.03032
%RSD	3.1432	2.9727	2.9971	3.0403	2.6956	3.2553	3.0999
#1	.50198	610.29	365.78	.70237	1.0825	1.0187	.99956
#2	.48016	585.16	350.60	.67280	1.0420	.97288	.95668

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94806	1.0317	.89987	.99842	.94490	1.0216
SDev	.02883	.0327	.03390	.02187	.02238	.0221
%RSD	3.0408	3.1708	3.7670	2.1900	2.3687	2.1588
#1	.96844	1.0548	.92384	1.0139	.96073	1.0372
#2	.92767	1.0086	.87590	.98296	.92908	1.0060

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24844	--	--	--	--	--	--
SDev	614.4758	--	--	--	--	--	--
%RSD	2.473287	--	--	--	--	--	--
#1	24410	--	--	--	--	--	--
#2	25279	--	--	--	--	--	--

01/31/12 06:33:25 PM page 28

Method: 20076010 Sample Name: SD-600-49068-c-4-a@5 Operator: SRP
Run Time: 01/31/12 18:29:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11290	.00091	.00193	.00649	-.00071	.06389	.00001
SDev	.00346	.00221	.00265	.00028	.00009	.00081	.00006
%RSD	3.0667	242.15	137.21	4.2727	12.368	1.2606	640.29
#1	.11045	-.00065	.00006	.00629	-.00077	.06333	-.00003
#2	.11534	.00247	.00380	.00668	-.00064	.06446	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.1063	-.00005	.00007	-.00179	.06373	.00246	-.00036
SDev	.0447	.00083	.00034	.00081	.01517	.00020	.00051
%RSD	.73207	1690.3	475.41	45.159	23.809	8.1886	140.58

#1	6.0747	-.00063	.00031	-.00236	.07446	.00232	-.00072
#2	6.1379	.00054	-.00017	-.00122	.05300	.00260	-.00000

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	4.0316	.03251	.00356	.00004	.60606	2.0153
SDev	.00013	.0207	.00041	.00103	.00064	.02806	.0045
%RSD	10.120	.51360	1.2548	29.027	1716.7	4.6307	.22477

#1	.00123	4.0169	.03222	.00429	-.00042	.58622	2.0121
#2	.00142	4.0462	.03279	.00283	.00049	.62591	2.0185

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	120.48	102.21	.04708	.00619	.00127	.00063
SDev	.00025	.09	.16	.00012	.00799	.00269	.00029
%RSD	315.42	.07519	.16017	.25070	128.94	212.36	46.122

#1	.00010	120.54	102.32	.04699	.01184	.00317	.00042
#2	-.00026	120.41	102.09	.04716	.00055	-.00064	.00083

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	-.00078	-.00252	.00072	.00084	.00157
SDev	.00063	.00027	.00180	.00166	.00194	.00077
%RSD	213.38	33.964	71.328	231.78	229.94	48.769

#1	-.00015	-.00097	-.00125	-.00046	-.00053	.00211
#2	.00074	-.00059	-.00379	.00189	.00221	.00103

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24582	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0488999	--	--	--	--	--	--

#1	24574	--	--	--	--	--	--
#2	24591	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 18:35:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4748	.50438	.49940	.51283	.46737	.50475	.51178
SDev	.0032	.00061	.00066	.00079	.00122	.00126	.00136
%RSD	.12927	.12148	.13149	.15362	.26142	.24937	.26541

#1	2.4725	.50395	.49894	.51227	.46650	.50386	.51082
#2	2.4770	.50482	.49987	.51339	.46823	.50564	.51274

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.297	.47303	.47184	.47745	2.5218	.48327	.48869
SDev	.027	.00080	.00145	.00086	.0025	.00139	.00031
%RSD	.22211	.16836	.30683	.18056	.10049	.28785	.06369
#1	12.278	.47247	.47082	.47684	2.5200	.48229	.48847
#2	12.316	.47360	.47287	.47806	2.5236	.48425	.48891

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49509	4.7538	.47806	.50350	.52906	12.353	.91306
SDev	.00216	.0082	.00102	.00265	.00041	.029	.00020
%RSD	.43654	.17319	.21264	.52552	.07755	.23178	.02164
#1	.49357	4.7480	.47734	.50163	.52935	12.333	.91320
#2	.49662	4.7596	.47878	.50537	.52877	12.373	.91292

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24481	12.540	12.334	.25725	.52475	.49408	.50191
SDev	.00047	.072	.027	.00042	.00650	.00073	.00100
%RSD	.19015	.57292	.21925	.16404	1.2387	.14708	.19865
#1	.24448	12.591	12.315	.25695	.52015	.49357	.50120
#2	.24513	12.489	12.353	.25754	.52934	.49460	.50261

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48549	.50825	.45718	.50445	.46333	.51103
SDev	.00085	.00093	.00048	.00071	.00146	.00251
%RSD	.17529	.18240	.10430	.13980	.31443	.49186
#1	.48488	.50759	.45752	.50395	.46230	.50925
#2	.48609	.50890	.45684	.50495	.46436	.51281

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25159	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.1630120	--	--	--	--	--	--

#1	25130	--	--	--	--	--	--
#2	25188	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 18:39:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05356	-.00107	-.00083	.00020	-.00047	.00451	-.00004
SDev	.00258	.00187	.00167	.00010	.00001	.00012	.00007
%RSD	4.8146	175.07	201.12	49.878	2.2428	2.5997	171.67
#1	.05174	-.00239	.00035	.00013	-.00048	.00459	-.00009

#2	.05539	.00025	-.00202	.00027	-.00047	.00442	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00563	.00017	-.00038	-.00178	-.01978	.00010	-.00046
SDev	.00089	.00053	.00016	.00007	.00612	.00005	.00015
%RSD	15.842	308.29	43.373	3.9691	30.957	48.262	32.220
#1	-.00626	-.00020	-.00026	-.00183	-.01545	.00007	-.00057
#2	-.00500	.00055	-.00050	-.00173	-.02411	.00014	-.00036

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	-.00271	.00021	.00178	.00021	-.09756	-.01384
SDev	.00148	.00180	.00008	.00026	.00018	.01403	.00179
%RSD	62.933	66.517	38.657	14.710	86.282	14.380	12.957
#1	.00339	-.00398	.00016	.00197	.00008	-.10748	-.01510
#2	.00130	-.00143	.00027	.00160	.00034	-.08764	-.01257

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	-.08243	.03355	.00005	.00085	-.00051	.00022
SDev	.00019	.07594	.00178	.00004	.00184	.00039	.00007
%RSD	23.799	92.134	5.3154	81.453	216.37	76.273	30.203
#1	-.00065	-.02873	.03229	.00002	.00215	-.00079	.00017
#2	-.00091	-.13613	.03481	.00008	-.00045	-.00024	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	-.00275	-.00611	.00236	-.00163	.00433
SDev	.00062	.00007	.00416	.00230	.00290	.00076
%RSD	229.82	2.3722	68.016	97.472	178.60	17.595
#1	-.00017	-.00280	-.00317	.00073	.00043	.00487
#2	.00071	-.00271	-.00905	.00399	-.00368	.00379

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/31/12 06:43:04 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25354	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.2119591	--	--	--	--	--	--
#1	25392	--	--	--	--	--	--
#2	25316	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-71236/1-a Operator: SRP
Run Time: 01/31/12 18:43:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04279	.00109	.00072	.00076	-.00051	.00515	.00000
SDev	.00322	.00211	.00042	.00020	.00017	.00085	.00023

%RSD	7.5283	193.91	57.998	26.361	32.655	16.578	19373.
#1	.04051	-.00040	.00042	.00062	-.00063	.00455	-.00016
#2	.04506	.00258	.00102	.00090	-.00039	.00575	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00452	.00039	-.00054	-.00019	-.01597	.00005	-.00053
SDev	.00344	.00046	.00000	.00054	.00413	.00020	.00105
%RSD	76.175	117.01	.84901	276.87	25.837	407.39	198.22
#1	.00208	.00007	-.00054	-.00057	-.01305	-.00009	-.00127
#2	.00695	.00072	-.00055	.00019	-.01888	.00019	.00021

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.01017	.00040	.00127	-.00012	-.08753	-.01047
SDev	.00081	.00469	.00025	.00072	.00015	.02166	.00285
%RSD	428.53	46.128	61.004	56.907	128.60	24.744	27.230
#1	-.00039	-.01349	.00023	.00179	-.00022	-.10285	-.01248
#2	.00077	-.00685	.00058	.00076	-.00001	-.07222	-.00845

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.03266	.03531	.00010	-.00278	.00012	.00020
SDev	.00027	.14679	.00697	.00010	.00310	.00056	.00031
%RSD	84.971	449.48	19.744	103.00	111.31	469.00	153.30
#1	-.00013	.13646	.03038	.00003	-.00498	-.00027	-.00002
#2	-.00052	-.07114	.04024	.00017	-.00059	.00051	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00473	-.00164	.00002	-.00213	.00135
SDev	.00035	.00032	.00107	.00104	.00412	.00084
%RSD	106.91	6.8307	65.159	4267.6	193.21	61.989
#1	.00008	.00450	-.00239	-.00071	-.00504	.00194

#2	.00057	.00496	-.00088	.00076	.00078	.00076

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25576	--	--	--	--	--	--
SDev	121.6224	--	--	--	--	--	--
%RSD	.4755332	--	--	--	--	--	--
#1	25662	--	--	--	--	--	--
#2	25490	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71236/2-a Operator: SRP
Run Time: 01/31/12 18:46:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	10.034	1.0327	1.0303	1.0661	.48272	1.0384	.52619
SDev	.010	.0053	.0023	.0022	.00006	.0026	.00053
%RSD	.10140	.50917	.22623	.20684	.01289	.24937	.10099
#1	10.026	1.0290	1.0287	1.0645	.48268	1.0366	.52582
#2	10.041	1.0364	1.0319	1.0676	.48276	1.0402	.52657

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.289	.97639	.97550	.99220	10.502	.49361	1.0058
SDev	.009	.00015	.00027	.00275	.002	.00089	.0006
%RSD	.09114	.01563	.02798	.27722	.02279	.18134	.06226
#1	10.296	.97650	.97530	.99026	10.500	.49298	1.0062
#2	10.283	.97628	.97569	.99415	10.504	.49424	1.0053

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0169	9.8290	.98903	1.0317	1.0994	10.267	.98626
SDev	.0020	.0039	.00027	.0021	.0034	.012	.00075
%RSD	.19680	.03964	.02742	.20372	.31152	.11431	.07639
#1	1.0154	9.8317	.98884	1.0303	1.1018	10.259	.98679
#2	1.0183	9.8262	.98922	1.0332	1.0969	10.276	.98573

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51035	9.7807	10.207	.53239	1.0886	.99933	1.0237
SDev	.00015	.0683	.012	.00070	.0101	.00101	.0004
%RSD	.02876	.69783	.11379	.13105	.93093	.10081	.04079
#1	.51025	9.8290	10.198	.53190	1.0815	1.0000	1.0234
#2	.51045	9.7324	10.215	.53288	1.0958	.99862	1.0240

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0001	1.0541	.94313	1.0371	.96430	1.0431

SDev	.0010	.0005	.00047	.0007	.00054	.0033
%RSD	.10157	.04696	.04957	.06804	.05645	.31386
#1	.99934	1.0538	.94346	1.0376	.96469	1.0408
#2	1.0008	1.0545	.94280	1.0366	.96392	1.0454

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25090	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0986418	--	--	--	--	--	--
#1	25072	--	--	--	--	--	--
#2	25107	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-1-a Operator: SRP
Run Time: 01/31/12 18:50:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05520	.00082	.00129	.02205	-.00076	.75330	-.00022
SDev	.00851	.00173	.00147	.00080	.00006	.02539	.00006
%RSD	15.418	210.46	114.08	3.6097	7.6552	3.3711	28.944
#1	.06122	.00205	.00025	.02261	-.00080	.77126	-.00027
#2	.04918	-.00040	.00233	.02149	-.00072	.73535	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8192	-.00038	-.00052	-.00076	.15547	.04134	.00124
SDev	.3371	.00009	.00031	.00015	.01765	.00154	.00037
%RSD	3.4330	23.793	59.136	19.410	11.350	3.7195	29.972
#1	10.058	-.00032	-.00030	-.00066	.16795	.04242	.00151
#2	9.5809	-.00045	-.00073	-.00086	.14300	.04025	.00098

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	93.062	.02237	.00336	-.00037	1.4258	5.2180
SDev	.00111	3.175	.00081	.00112	.00008	.1210	.1744
%RSD	37.206	3.4122	3.6307	33.298	21.972	8.4870	3.3425
#1	.00220	95.308	.02295	.00415	-.00042	1.5114	5.3413
#2	.00377	90.817	.02180	.00257	-.00031	1.3402	5.0946

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00102	641.66	373.67	.07415	.00225	.00006	.00011
SDev	.00028	21.46	12.66	.00256	.00179	.00249	.00012
%RSD	27.184	3.3441	3.3880	3.4496	79.483	4063.6	112.93
#1	-.00122	656.83	382.62	.07596	.00351	.00182	.00020
#2	-.00083	626.48	364.72	.07234	.00098	-.00170	.00002

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	.36469	-.00066	.00220	.00294	.00300
SDev	.00001	.01303	.00157	.00023	.00143	.00095
%RSD	1.4155	3.5739	237.17	10.322	48.477	31.688
#1	-.00068	.37391	.00045	.00204	.00193	.00233
#2	-.00067	.35547	-.00178	.00236	.00395	.00368

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24616	--	--	--	--	--	--
SDev	772.1606	--	--	--	--	--	--
%RSD	3.136824	--	--	--	--	--	--
#1	24070	--	--	--	--	--	--
#2	25162	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-1-b du Operator: SRP
Run Time: 01/31/12 18:54:41
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06040	.00226	-.00140	.02211	-.00083	.77077	-.00033
SDev	.00206	.00050	.00096	.00017	.00002	.00722	.00012
%RSD	3.4103	22.259	68.304	.76234	2.3752	.93627	35.848
#1	.06185	.00190	-.00072	.02223	-.00084	.77587	-.00041
#2	.05894	.00261	-.00207	.02199	-.00082	.76567	-.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9990	-.00043	-.00060	-.00000	.15551	.04233	.00234
SDev	.1085	.00021	.00076	.00024	.03333	.00041	.00081
%RSD	1.0847	48.295	127.61	234670.	21.434	.97155	34.497
#1	10.076	-.00057	-.00006	-.00017	.17908	.04262	.00177
#2	9.9223	-.00028	-.00113	.00017	.13194	.04204	.00291

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	94.991	.02265	.00182	.00021	1.4808	5.3350
SDev	.00145	.910	.00022	.00050	.00037	.0345	.0512
%RSD	87.424	.95826	.98396	27.595	177.87	2.3284	.95987
#1	.00267	95.635	.02281	.00217	.00048	1.5052	5.3712
#2	.00063	94.347	.02250	.00146	-.00005	1.4564	5.2987

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00108	656.19	380.35	.07578	.00107	-.00043	.00003
SDev	.00044	6.38	3.66	.00055	.00039	.00046	.00006

%RSD	41.204	.97303	.96284	.72888	36.117	105.38	200.46
#1	-.00076	660.71	382.94	.07618	.00080	-.00011	-.00001
#2	-.00139	651.68	377.76	.07539	.00135	-.00075	.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	.40895	.00112	.00295	.00353	.00071
SDev	.00009	.00427	.00112	.00177	.00554	.00060
%RSD	12.179	1.0450	99.939	60.130	156.94	84.359
#1	-.00083	.41197	.00192	.00170	.00745	.00029
#2	-.00070	.40593	.00033	.00420	-.00039	.00114

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24208	--	--	--	--	--	--
SDev	180.3122	--	--	--	--	--	--
%RSD	.7448610	--	--	--	--	--	--
#1	24080	--	--	--	--	--	--
#2	24335	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-1-c ms Operator: SRP

Run Time: 01/31/12 18:58:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.466	1.0467	1.0532	1.0584	.46747	1.8105	.50430
SDev	.053	.0038	.0042	.0053	.00134	.0039	.00079
%RSD	.50839	.36116	.40230	.49840	.28728	.21523	.15577
#1	10.504	1.0494	1.0562	1.0621	.46842	1.8132	.50486
#2	10.428	1.0441	1.0502	1.0547	.46652	1.8077	.50375

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.538	.93843	.93896	.98908	10.107	.66385	.97626
SDev	.043	.00172	.00151	.00468	.064	.00407	.00054
%RSD	.22148	.18361	.16116	.47290	.63065	.61336	.05571
#1	19.568	.93965	.94003	.99239	10.152	.66673	.97664
#2	19.507	.93721	.93789	.98577	10.062	.66097	.97587

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0480	102.34	.96955	1.0254	1.0725	18.132	6.2251
SDev	.0040	.25	.00279	.0021	.0076	.132	.0227
%RSD	.37824	.24265	.28747	.20248	.70796	.72692	.36449
#1	1.0508	102.51	.97152	1.0240	1.0779	18.225	6.2411
#2	1.0452	102.16	.96758	1.0269	1.0671	18.038	6.2090

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51504	663.94	380.03	.59982	1.0962	1.0055	1.0028
SDev	.00249	3.32	.49	.00344	.0055	.0034	.0045
%RSD	.48363	.50079	.12978	.57261	.50377	.34307	.45232
#1	.51680	666.29	380.38	.60224	1.0923	1.0080	1.0061
#2	.51328	661.59	379.68	.59739	1.1001	1.0031	.99964

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97532	1.4474	.91428	1.0072	.99170	1.0762
SDev	.00245	.0041	.00154	.0000	.00695	.0025
%RSD	.25141	.28020	.16851	.00452	.70108	.22948
#1	.97705	1.4503	.91537	1.0073	.99662	1.0779
#2	.97358	1.4445	.91319	1.0072	.98679	1.0744

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24571	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1611574	--	--	--	--	--	--
#1	24599	--	--	--	--	--	--
#2	24543	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-1-d msd Operator: SRP
Run Time: 01/31/12 19:02:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.546	1.0554	1.0550	1.0654	.47110	1.8121	.50794
SDev	.048	.0096	.0035	.0058	.00093	.0056	.00081
%RSD	.45618	.91290	.32937	.53980	.19661	.31113	.15859
#1	10.512	1.0486	1.0525	1.0613	.47045	1.8081	.50737
#2	10.580	1.0622	1.0574	1.0694	.47176	1.8161	.50851

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.506	.94483	.94596	.99571	10.177	.66863	.98248
SDev	.019	.00198	.00145	.00513	.001	.00411	.00133
%RSD	.09959	.20952	.15353	.51540	.00882	.61513	.13512
#1	19.492	.94343	.94494	.99208	10.176	.66572	.98154
#2	19.520	.94623	.94699	.99934	10.177	.67154	.98342

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0543	101.49	.97590	1.0378	1.0643	18.221	6.1796
SDev	.0013	.20	.00275	.0034	.0026	.144	.0237
%RSD	.12356	.19426	.28215	.32345	.24359	.78994	.38419

#1	1.0552	101.35	.97396	1.0354	1.0661	18.119	6.1628
#2	1.0534	101.63	.97785	1.0401	1.0624	18.322	6.1964

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51841	657.69	378.43	.60244	1.1150	1.0114	1.0103
SDev	.00104	2.78	.64	.00313	.0021	.0025	.0039
%RSD	.20084	.42287	.16781	.51980	.19106	.24893	.38992
#1	.51767	655.73	377.98	.60023	1.1135	1.0096	1.0076
#2	.51914	659.66	378.88	.60466	1.1165	1.0131	1.0131

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98264	1.5055	.92040	1.0135	1.0019	1.0805
SDev	.00232	.0046	.00134	.0013	.0020	.0009
%RSD	.23594	.30396	.14592	.13022	.20320	.08664
#1	.98100	1.5023	.91945	1.0126	1.0034	1.0812
#2	.98428	1.5087	.92135	1.0145	1.0005	1.0799

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24613	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.2068488	--	--	--	--	--	--

#1	24649	--	--	--	--	--	--
#2	24577	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-2-a Operator: SRP
Run Time: 01/31/12 19:06:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08851	.00463	.00464	.15729	-.00100	.86932	.00072
SDev	.00441	.00347	.00255	.00145	.00002	.00663	.00002
%RSD	4.9870	75.061	55.057	.92347	2.2714	.76283	2.9243
#1	.08539	.00217	.00283	.15627	-.00098	.86463	.00071
#2	.09163	.00709	.00644	.15832	-.00101	.87401	.00074

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	473.06	.00014	.00089	.00288	31.015	.19179	.00269
SDev	2.49	.00062	.00047	.00050	.171	.00162	.00017
%RSD	.52729	447.70	52.407	17.363	.55076	.84693	6.3167
#1	471.30	-.00030	.00122	.00253	30.894	.19064	.00257
#2	474.83	.00058	.00056	.00323	31.136	.19294	.00281

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00104	294.16	.42046	.00345	.00262	8.3326	8.5150
SDev	.00289	1.89	.00271	.00171	.00037	.0897	.0673
%RSD	277.72	.64146	.64424	49.549	14.037	1.0764	.79066
#1	.00100	292.83	.41855	.00466	.00288	8.2692	8.4674
#2	-.00308	295.49	.42238	.00224	.00236	8.3961	8.5626

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00094	2850.4	773.65	17.920	.00598	.00140	-.00247
SDev	.00068	19.6	3.47	.124	.00038	.00202	.00028
%RSD	71.876	.68901	.44896	.69257	6.3045	144.41	11.504
#1	-.00046	2836.5	771.20	17.833	.00624	.00283	-.00267
#2	-.00142	2864.3	776.11	18.008	.00571	-.00003	-.00227

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	9.4725	-.00032	.00420	.00281	-.00296
SDev	.00070	.0601	.00062	.00057	.00429	.00219
%RSD	146.52	.63404	196.91	13.511	152.73	73.882
#1	-.00002	9.4300	.00012	.00380	.00584	-.00142
#2	.00098	9.5149	-.00076	.00460	-.00022	-.00451

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	21974	--	--	--	--	--	--

SDev	151.3209	--	--	--	--	--	--
%RSD	.6886359	--	--	--	--	--	--
#1	22081	--	--	--	--	--	--
#2	21867	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-3-a Operator: SRP
Run Time: 01/31/12 19:10:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06034	.00104	.00007	.08774	-.00077	.69902	-.00009
SDev	.00075	.00046	.00181	.00003	.00001	.00056	.00006
%RSD	1.2396	44.072	2700.5	.03510	1.3017	.07940	73.270
#1	.06087	.00072	-.00121	.08771	-.00078	.69942	-.00004
#2	.05981	.00137	.00135	.08776	-.00077	.69863	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.343	-.00001	-.00061	-.00101	.10765	.04335	-.00037
SDev	.049	.00038	.00055	.00023	.02511	.00004	.00036
%RSD	.06607	2675.4	89.650	22.589	23.329	.10222	97.644

#1	74.308	.00025	-.00022	-.00084	.12541	.04338	-.00062
#2	74.377	-.00028	-.00100	-.00117	.08989	.04331	-.00011

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	46.302	.00176	.00289	.00005	1.4245	8.3274
SDev	.00173	.028	.00001	.00020	.00002	.0064	.0037
%RSD	55.064	.06063	.41730	7.1034	40.875	.44600	.04472
#1	.00438	46.282	.00175	.00303	.00007	1.4200	8.3301
#2	.00192	46.322	.00176	.00274	.00004	1.4290	8.3248

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	605.36	358.96	.76595	-.00097	.00140	-.00027
SDev	.00060	.81	.75	.00020	.00128	.00114	.00003
%RSD	144.08	.13335	.20914	.02557	132.23	81.350	11.952
#1	.00001	605.93	358.43	.76581	-.00006	.00220	-.00029
#2	-.00084	604.79	359.49	.76609	-.00187	.00059	-.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00281	.00518	.00078	-.00095	.00692	.00127
SDev	.00036	.00008	.00047	.00031	.00544	.00012
%RSD	12.793	1.4779	59.430	32.672	78.624	9.2371
#1	.00306	.00512	.00045	-.00116	.01076	.00118
#2	.00255	.00523	.00111	-.00073	.00307	.00135

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24634	--	--	--	--	--	--
SDev	71.41779	--	--	--	--	--	--
%RSD	.2899096	--	--	--	--	--	--
#1	24685	--	--	--	--	--	--
#2	24584	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-3-b du Operator: SRP
Run Time: 01/31/12 19:13:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06748	.00162	-.00015	.09605	-.00084	.71152	-.00019
SDev	.00883	.00061	.00145	.00400	.00010	.02883	.00004
%RSD	13.084	37.418	960.09	4.1663	12.164	4.0516	20.837
#1	.06124	.00119	-.00117	.09322	-.00077	.69114	-.00016
#2	.07372	.00205	.00087	.09888	-.00092	.73191	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.006	.00004	-.00059	.00187	.10239	.04478	-.00029
SDev	2.988	.00020	.00025	.00004	.00157	.00205	.00110
%RSD	3.9836	493.00	42.804	2.3134	1.5363	4.5703	378.35
#1	72.893	.00018	-.00041	.00184	.10350	.04333	-.00107
#2	77.119	-.00010	-.00077	.00190	.10128	.04622	.00049

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00195	46.892	.00463	.00277	-.00001	1.4817	8.4973
SDev	.00145	1.912	.00013	.00005	.00019	.1387	.3482
%RSD	74.504	4.0767	2.8046	1.7341	2652.2	9.3584	4.0982
#1	.00092	45.540	.00454	.00280	-.00014	1.3837	8.2511
#2	.00298	48.243	.00472	.00273	.00012	1.5798	8.7435

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00089	623.86	370.91	.78633	-.00009	.00033	-.00026
SDev	.00019	26.36	14.99	.03374	.00013	.00026	.00009
%RSD	21.041	4.2260	4.0406	4.2907	141.07	80.354	32.233
#1	-.00076	605.22	360.31	.76247	-.00019	.00051	-.00020
#2	-.00102	642.50	381.51	.81018	-.00000	.00014	-.00033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	.00916	-.00086	-.00001	-.00113	.00349
SDev	.00020	.00056	.00312	.00010	.00114	.00161
%RSD	6.6928	6.1089	362.95	1204.1	101.27	46.099
#1	.00283	.00876	-.00306	-.00008	-.00193	.00235
#2	.00312	.00955	.00135	.00006	-.00032	.00463

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23806	--	--	--	--	--	--
SDev	830.8505	--	--	--	--	--	--
%RSD	3.490162	--	--	--	--	--	--
#1	24393	--	--	--	--	--	--
#2	23218	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-3-c ms Operator: SRP
Run Time: 01/31/12 19:17:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.484	1.0578	1.0583	1.1214	.47267	1.7711	.50499
SDev	.046	.0038	.0014	.0035	.00266	.0075	.00356

%RSD	.44261	.35763	.13195	.31056	.56253	.42546	.70394
#1	10.517	1.0605	1.0593	1.1238	.47455	1.7764	.50751
#2	10.451	1.0551	1.0573	1.1189	.47079	1.7658	.50248

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.445	.94291	.94684	.99862	10.130	.66326	.97808
SDev	.506	.00627	.00529	.00430	.098	.00283	.00223
%RSD	.59926	.66519	.55897	.43037	.96858	.42611	.22785
#1	84.803	.94734	.95058	1.0017	10.200	.66526	.97966
#2	84.087	.93847	.94309	.99558	10.061	.66126	.97651

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0484	56.204	.95692	1.0371	1.0432	17.871	9.5478
SDev	.0044	.314	.00475	.0037	.0126	.083	.0420
%RSD	.42145	.55903	.49675	.35386	1.2105	.46503	.43983
#1	1.0516	56.426	.96029	1.0397	1.0522	17.930	9.5775
#2	1.0453	55.981	.95356	1.0345	1.0343	17.812	9.5182

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51693	638.55	375.92	1.3099	1.0997	1.0201	1.0050
SDev	.00352	3.15	1.78	.0046	.0089	.0068	.0045
%RSD	.68183	.49267	.47405	.35317	.80839	.66819	.44613
#1	.51942	640.78	377.18	1.3132	1.1060	1.0249	1.0082
#2	.51443	636.33	374.66	1.3066	1.0934	1.0153	1.0019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98546	1.0466	.91833	1.0080	.99497	1.0752
SDev	.00564	.0056	.00110	.0028	.00061	.0063
%RSD	.57248	.53485	.11986	.27704	.06133	.58809

#1	.98945	1.0506	.91911	1.0099	.99540	1.0796
#2	.98147	1.0427	.91755	1.0060	.99454	1.0707

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24138	--	--	--	--	--	--
SDev	48.79037	--	--	--	--	--	--
%RSD	.2021351	--	--	--	--	--	--
#1	24103	--	--	--	--	--	--
#2	24172	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 19:21:37
Comment: TRACE 61E

Analysis Report Blank Sample 01/31/12 07:25:25 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4963	.50790	.50112	.51492	.47004	.50989	.51227
SDev	.0071	.00259	.00124	.00092	.00078	.00144	.00087
%RSD	.28483	.50902	.24727	.17798	.16500	.28288	.16936
#1	2.5013	.50973	.50199	.51556	.47059	.51091	.51289
#2	2.4913	.50607	.50024	.51427	.46949	.50887	.51166

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.335	.47440	.47332	.48202	2.5336	.48698	.48868
SDev	.023	.00147	.00037	.00104	.0043	.00095	.00024
%RSD	.18393	.30933	.07829	.21688	.16946	.19453	.04898
#1	12.351	.47544	.47358	.48276	2.5366	.48765	.48885
#2	12.319	.47337	.47306	.48128	2.5306	.48631	.48851

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49672	4.7707	.47961	.50612	.52344	12.472	.92188
SDev	.00257	.0138	.00039	.00337	.00109	.017	.00879
%RSD	.51805	.28966	.08069	.66545	.20789	.13243	.95321
#1	.49853	4.7804	.47989	.50373	.52267	12.484	.92809
#2	.49490	4.7609	.47934	.50850	.52421	12.460	.91566

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24581	12.694	12.487	.25788	.53605	.49356	.50409
SDev	.00011	.004	.036	.00033	.00321	.00228	.00143
%RSD	.04598	.03286	.28891	.12908	.59880	.46197	.28270
#1	.24573	12.692	12.513	.25812	.53378	.49194	.50509
#2	.24589	12.697	12.462	.25765	.53832	.49517	.50308

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48783	.50891	.46125	.50240	.47486	.50770

SDev	.00140	.00117	.00212	.00142	.00024	.00374
%RSD	.28714	.23049	.46025	.28274	.04970	.73706
#1	.48882	.50974	.45975	.50340	.47503	.51034
#2	.48684	.50808	.46275	.50139	.47470	.50505

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25394	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0334145	--	--	--	--	--	--
#1	25400	--	--	--	--	--	--
#2	25388	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 19:25:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05469	.00257	.00111	.00047	-.00024	.00582	-.00003
SDev	.00224	.00134	.00060	.00030	.00027	.00010	.00063
%RSD	4.1026	52.212	54.378	63.534	112.91	1.6437	2120.4
#1	.05310	.00162	.00068	.00026	-.00042	.00589	-.00047
#2	.05627	.00352	.00154	.00068	-.00005	.00576	.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00138	.00053	-.00103	-.00144	-.07133	.00019	.00041
SDev	.00880	.00069	.00126	.00038	.05630	.00023	.00082
%RSD	636.56	132.11	122.01	26.226	78.924	123.99	198.44
#1	-.00760	.00003	-.00192	-.00171	-.11114	.00002	-.00017
#2	.00484	.00102	-.00014	-.00117	-.03152	.00035	.00099

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00220	-.01110	.00046	.00212	-.00076	-.15950	-.01239
SDev	.00086	.00147	.00027	.00047	.00110	.01080	.00275
%RSD	39.034	13.239	58.427	22.302	145.42	6.7680	22.158
#1	.00281	-.01213	.00027	.00245	-.00154	-.15187	-.01433
#2	.00160	-.01006	.00065	.00179	.00002	-.16714	-.01045

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00172	-.29091	.04693	.00019	.00042	-.00357	.00058
SDev	.00152	.30052	.00743	.00017	.00109	.00482	.00038
%RSD	88.609	103.30	15.830	91.247	263.08	135.06	64.670
#1	-.00280	-.50341	.04168	.00007	-.00036	-.00697	.00032
#2	-.00064	-.07842	.05218	.00031	.00119	-.00016	.00085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	-.00248	-.00702	.00413	-.00326	.00494
SDev	.00043	.00031	.01052	.00403	.00749	.00503
%RSD	67.371	12.438	149.91	97.705	229.37	101.94
#1	.00034	-.00270	-.01445	.00698	-.00856	.00850
#2	.00095	-.00226	.00042	.00128	.00203	.00138

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25614	--	--	--	--	--	--

SDev	116.6726	--	--	--	--	--	--
%RSD	.4555122	--	--	--	--	--	--
#1	25531	--	--	--	--	--	--
#2	25696	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-3-d msd Operator: SRP
Run Time: 01/31/12 19:29:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.413	1.0592	1.0680	1.1093	.47807	1.7619	.51159
SDev	.016	.0052	.0028	.0011	.00089	.0018	.00204
%RSD	.14946	.49466	.26666	.09539	.18684	.09982	.39960
#1	10.424	1.0629	1.0700	1.1101	.47870	1.7631	.51303
#2	10.402	1.0555	1.0660	1.1086	.47744	1.7606	.51014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.304	.95150	.95557	.98843	10.221	.65334	.98588
SDev	.226	.00261	.00181	.00121	.042	.00067	.00173
%RSD	.26811	.27392	.18956	.12201	.40814	.10232	.17576
#1	84.464	.95335	.95685	.98928	10.250	.65381	.98711
#2	84.144	.94966	.95429	.98757	10.191	.65287	.98466

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0561	55.829	.96269	1.0398	1.0500	17.560	9.4129
SDev	.0039	.127	.00228	.0012	.0008	.035	.0145
%RSD	.36952	.22703	.23636	.11171	.07795	.19936	.15409
#1	1.0534	55.919	.96430	1.0406	1.0506	17.585	9.4232
#2	1.0589	55.739	.96108	1.0389	1.0494	17.535	9.4027

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51345	622.14	368.74	1.2907	1.1061	1.0233	1.0061
SDev	.00108	1.09	1.09	.0017	.0013	.0078	.0017
%RSD	.21081	.17508	.29456	.13376	.11908	.76571	.16991

#1	.51422	622.91	369.51	1.2920	1.1051	1.0288	1.0074
#2	.51269	621.37	367.97	1.2895	1.1070	1.0178	1.0049

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98904	1.0453	.92658	1.0155	1.0011	1.0837
SDev	.00224	.0021	.00605	.0004	.0034	.0076
%RSD	.22685	.20055	.65336	.04212	.34404	.69910
#1	.99063	1.0468	.93086	1.0152	1.0035	1.0783
#2	.98746	1.0438	.92230	1.0158	.99864	1.0890

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24659	--	--	--	--	--	--
SDev	79.19596	--	--	--	--	--	--
%RSD	.3211645	--	--	--	--	--	--
#1	24603	--	--	--	--	--	--
#2	24715	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-4-a Operator: SRP
Run Time: 01/31/12 19:33:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05446	.00118	.00052	.05144	-.00069	.37594	-.00006
SDev	.00097	.00073	.00024	.00015	.00002	.00098	.00009
%RSD	1.7751	61.302	45.918	.29611	2.7997	.26055	149.90
#1	.05514	.00067	.00035	.05154	-.00071	.37663	.00000
#2	.05377	.00170	.00068	.05133	-.00068	.37525	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.964	.00058	-.00033	-.00015	.07424	.03431	.00012
SDev	.104	.00017	.00058	.00003	.03213	.00004	.00034
%RSD	.26581	29.869	173.44	20.940	43.279	.12305	292.09
#1	39.037	.00046	.00008	-.00018	.09696	.03434	-.00012
#2	38.891	.00070	-.00074	-.00013	.05152	.03429	.00036

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00186	24.522	-.00021	.00569	.00070	.97951	9.3535
SDev	.00213	.067	.00003	.00111	.00055	.00583	.0210
%RSD	114.47	.27331	14.085	19.417	78.783	.59552	.22470
#1	.00336	24.570	-.00023	.00647	.00110	.98363	9.3683
#2	.00035	24.475	-.00019	.00491	.00031	.97538	9.3386

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	295.39	214.86	.41025	.00681	.00167	.00011

SDev	.00081	1.24	.49	.00099	.00432	.00217	.00008
%RSD	312.90	.41853	.23013	.24187	63.458	130.50	66.579
#1	.00031	296.26	215.21	.41096	.00987	.00320	.00017
#2	-.00083	294.51	214.51	.40955	.00375	.00013	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00305	.00211	-.00080	.00057	-.00105	.00331
SDev	.00001	.00001	.00147	.00125	.00248	.00195
%RSD	.32672	.53162	183.90	216.78	236.98	58.884

#1	.00306	.00211	.00024	-.00031	.00071	.00469
#2	.00305	.00210	-.00184	.00145	-.00280	.00193

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24938	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0198486	--	--	--	--	--	--
#1	24941	--	--	--	--	--	--
#2	24934	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-5-a Operator: SRP
Run Time: 01/31/12 19:37:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04988	.00041	.00515	.13140	-.00067	.14491	-.00030
SDev	.00071	.00397	.00040	.00116	.00003	.00153	.00007
%RSD	1.4190	971.38	7.7144	.88024	5.1113	1.0579	23.368
#1	.05038	-.00240	.00543	.13221	-.00069	.14599	-.00035
#2	.04938	.00322	.00486	.13058	-.00065	.14382	-.00025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.097	.00029	-.00026	.00142	.53653	.00588	.00027
SDev	.606	.00012	.00000	.00030	.00229	.00008	.00019
%RSD	.88925	40.657	1.6888	20.887	.42762	1.2840	70.854
#1	68.525	.00021	-.00027	.00164	.53490	.00593	.00041
#2	67.669	.00038	-.00026	.00121	.53815	.00583	.00014

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	18.048	.53882	.00294	.00257	.18730	8.2342
SDev	.00064	.173	.00436	.00022	.00024	.01748	.0675
%RSD	34.789	.95902	.80952	7.5020	9.5571	9.3341	.82012
#1	.00230	18.171	.54191	.00309	.00274	.19966	8.2820
#2	.00139	17.926	.53574	.00278	.00239	.17494	8.1864

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	84.256	74.848	.33210	-.00051	.00004	.00033
SDev	.00030	.731	.642	.00267	.00128	.00007	.00072
%RSD	78.817	.86741	.85726	.80405	252.89	187.55	217.67
#1	-.00017	84.773	75.302	.33399	-.00141	.00008	.00084
#2	-.00060	83.739	74.395	.33022	.00040	-.00001	-.00018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.94498	-.00049	.00066	.00155	.00199
SDev	.00018	.00785	.00003	.00028	.00318	.00063
%RSD	538.37	.83030	6.2022	42.103	205.44	31.660
#1	.00009	.95053	-.00047	.00085	.00380	.00154
#2	-.00016	.93943	-.00051	.00046	-.00070	.00243

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25434	--	--	--	--	--	--
SDev	163.3417	--	--	--	--	--	--
%RSD	.6422051	--	--	--	--	--	--
#1	25319	--	--	--	--	--	--
#2	25550	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-6-a Operator: SRP
Run Time: 01/31/12 19:40:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06126	.00073	.00516	.49802	-.00081	.84205	-.00009
SDev	.00352	.00024	.00035	.00144	.00001	.00101	.00002
%RSD	5.7515	32.323	6.7521	.28991	.93843	.12038	18.450
#1	.05876	.00057	.00541	.49904	-.00082	.84276	-.00010
#2	.06375	.00090	.00492	.49700	-.00081	.84133	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	115.43	.00017	.00010	.00011	5.3212	.00620	.00730
SDev	.34	.00007	.00013	.00001	.0203	.00002	.00008
%RSD	.29627	45.209	132.55	10.174	.38206	.34718	1.0930
#1	115.67	.00011	.00001	.00012	5.3356	.00621	.00724
#2	115.19	.00022	.00019	.00010	5.3068	.00618	.00736

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	36.766	1.4700	.00107	.00045	4.6501	9.4317
SDev	.00050	.104	.0039	.00030	.00025	.0191	.0257
%RSD	3070.0	.28381	.26363	28.404	55.876	.41092	.27280
#1	-.00037	36.839	1.4727	.00086	.00027	4.6636	9.4499
#2	.00034	36.692	1.4672	.00129	.00063	4.6366	9.4135

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	766.62	421.77	.58907	-.00215	-.00013	-.00041
SDev	.00013	1.84	1.18	.00171	.00145	.00007	.00005
%RSD	29.135	.24015	.28073	.29020	67.488	49.595	12.257

#1	-.00053	767.92	422.61	.59028	-.00318	-.00009	-.00044
#2	-.00035	765.31	420.93	.58787	-.00113	-.00018	-.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	4.1471	.00457	.00867	.00007	-.00006
SDev	.00000	.0119	.00062	.00043	.00582	.00366
%RSD	1.0961	.28686	13.584	4.9589	7780.7	5924.9
#1	.00021	4.1555	.00500	.00836	.00419	-.00265
#2	.00021	4.1387	.00413	.00897	-.00404	.00253

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24326	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.2383571	--	--	--	--	--	--
#1	24285	--	--	--	--	--	--
#2	24367	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-7-a Operator: SRP
Run Time: 01/31/12 19:44:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06248	.00039	-.00093	.28901	-.00048	.22925	-.00007
SDev	.00045	.00077	.00009	.00062	.00000	.00016	.00011
%RSD	.72087	198.48	9.8258	.21573	.07561	.06869	152.62
#1	.06280	-.00016	-.00086	.28945	-.00048	.22936	.00001
#2	.06217	.00094	-.00099	.28857	-.00048	.22913	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.459	.00011	-.00051	.00110	14.413	.01407	.00506
SDev	.085	.00005	.00017	.00026	.005	.00004	.00072
%RSD	.09476	45.549	32.759	23.459	.03594	.28583	14.207
#1	89.399	.00007	-.00063	.00092	14.417	.01410	.00557
#2	89.519	.00014	-.00039	.00128	14.409	.01404	.00455

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	23.300	.57192	-.00033	.00147	3.3333	7.3013
SDev	.00201	.002	.00001	.00030	.00049	.0020	.0119
%RSD	60.351	.01001	.00089	89.368	33.506	.05998	.16273

#1	.00476	23.302	.57192	-.00012	.00112	3.3347	7.3097
#2	.00191	23.298	.57191	-.00054	.00182	3.3319	7.2929

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00079	117.02	101.35	.30672	.00149	.00192	-.00034
SDev	.00019	.12	.14	.00061	.00169	.00228	.00005
%RSD	23.854	.09890	.13792	.19797	112.86	118.72	13.900
#1	-.00092	117.10	101.45	.30715	.00269	.00031	-.00038
#2	-.00066	116.94	101.25	.30629	.00030	.00353	-.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	.66542	.00392	.00563	.00492	.00255
SDev	.00026	.00028	.00146	.00035	.00871	.00133
%RSD	18.934	.04271	37.343	6.1598	177.13	52.393
#1	.00121	.66562	.00495	.00587	.01108	.00160
#2	.00159	.66522	.00288	.00538	-.00124	.00349

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24930	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1616763	--	--	--	--	--	--
#1	24901	--	--	--	--	--	--
#2	24958	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-8-a Operator: SRP
Run Time: 01/31/12 19:48:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05208	-.00119	.00261	.04373	-.00055	3.9468	-.00016
SDev	.00249	.00119	.00129	.00062	.00002	.0482	.00001
%RSD	4.7765	100.71	49.224	1.4171	3.1616	1.2208	7.5124
#1	.05032	-.00203	.00170	.04329	-.00054	3.9128	-.00015
#2	.05384	-.00034	.00352	.04417	-.00056	3.9809	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.090	-.00005	-.00070	.00159	3.7664	.03561	.00014
SDev	.678	.00012	.00033	.00026	.0420	.00048	.00063
%RSD	1.1868	232.42	47.370	16.139	1.1141	1.3496	457.55
#1	56.611	-.00014	-.00046	.00141	3.7368	.03527	.00059
#2	57.569	.00003	-.00093	.00177	3.7961	.03595	-.00031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	4.1945	.26188	.00041	.00099	2.8060	8.9368
SDev	.00033	.0501	.00296	.00020	.00013	.0567	.1099

%RSD	174.79	1.1952	1.1302	47.937	12.890	2.0192	1.2302
#1	-.00004	4.1591	.25979	.00027	.00090	2.7659	8.8590

Analysis Report 01/31/12 07:52:25 PM page 22

#2	.00043	4.2300	.26397	.00055	.00108	2.8461	9.0145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	47.212	43.984	.17996	-.00144	.00062	-.00017
SDev	.00003	.475	.498	.00218	.00367	.00042	.00003
%RSD	4.1265	1.0058	1.1319	1.2125	255.31	66.885	20.548
#1	-.00063	46.876	43.632	.17842	.00116	.00033	-.00014
#2	-.00060	47.547	44.336	.18150	-.00403	.00092	-.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.19612	-.00122	.00082	-.00008	.00033
SDev	.00001	.00171	.00291	.00051	.00342	.00121
%RSD	1.9359	.87174	238.21	61.972	4150.7	369.30
#1	.00030	.19491	.00084	.00046	-.00250	.00118
#2	.00031	.19732	-.00328	.00118	.00233	-.00053

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26066	--	--	--	--	--	--
SDev	289.2067	--	--	--	--	--	--
%RSD	1.109538	--	--	--	--	--	--
#1	26270	--	--	--	--	--	--
#2	25861	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-9-a Operator: SRP
Run Time: 01/31/12 19:52:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07555	.00050	.00500	.33862	-.00076	.16458	-.00016
SDev	.00232	.00003	.00139	.00044	.00000	.00215	.00004
%RSD	3.0710	5.6277	27.806	.13047	.24487	1.3088	22.998
#1	.07391	.00052	.00402	.33831	-.00076	.16610	-.00013
#2	.07719	.00048	.00598	.33893	-.00075	.16306	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.622	.00027	-.00013	.00049	6.9631	.00803	.00062
SDev	.155	.00002	.00029	.00008	.0151	.00007	.00005
%RSD	.26525	8.7072	224.51	15.955	.21645	.82579	7.5931
#1	58.512	.00028	.00008	.00055	6.9524	.00798	.00058
#2	58.732	.00025	-.00034	.00044	6.9737	.00807	.00065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00001	22.874	1.2544	.00159	.00028	4.0276	11.717

SDev	.00402	.055	.0031	.00050	.00055	.0198	.029
%RSD	33720.	.24137	.24538	31.689	194.29	.49235	.24707
#1	.00285	22.835	1.2522	.00195	-.00011	4.0136	11.697
#2	-.00283	22.913	1.2566	.00123	.00068	4.0416	11.738

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	760.44	418.26	.27128	.00029	.00072	.00026
SDev	.00068	2.00	.44	.00043	.00212	.00020	.00002
%RSD	86.932	.26302	.10503	.15766	742.48	28.036	6.8020
#1	-.00127	759.03	417.95	.27098	-.00121	.00086	.00027
#2	-.00030	761.85	418.57	.27158	.00179	.00058	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.06124	.00193	-.00004	.00616	-.00306
SDev	.00009	.00066	.00178	.00096	.00370	.00417
%RSD	17.542	1.0831	92.275	2328.9	60.055	136.16
#1	.00059	.06077	.00319	-.00072	.00878	-.00011
#2	.00046	.06171	.00067	.00064	.00355	-.00601

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24924	--	--	--	--	--	--
SDev	111.0158	--	--	--	--	--	--
%RSD	.4454261	--	--	--	--	--	--
#1	25002	--	--	--	--	--	--
#2	24845	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-10-a Operator: SRP
Run Time: 01/31/12 19:56:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05746	.00038	.01246	1.7481	-.00077	.42547	-.00018
SDev	.00203	.00111	.00202	.0103	.00000	.00186	.00003
%RSD	3.5410	292.73	16.220	.58683	.05518	.43644	18.671
#1	.05890	.00116	.01389	1.7553	-.00077	.42679	-.00016
#2	.05602	-.00040	.01103	1.7408	-.00077	.42416	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.394	-.00001	.00120	.00006	6.9049	.01662	-.00009
SDev	.484	.00002	.00000	.00014	.0407	.00010	.00019
%RSD	.56642	177.73	.35709	246.04	.58883	.62759	221.52
#1	85.736	-.00003	.00120	-.00004	6.9337	.01669	-.00022

#2	85.052	.00000	.00119	.00016	6.8762	.01654	.00005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00186	40.740	1.0029	.00100	.00118	20.443	11.191
SDev	.00312	.253	.0058	.00003	.00056	.101	.069
%RSD	168.35	.62044	.57508	3.2572	47.017	.49604	.61759
#1	.00035	40.919	1.0070	.00103	.00079	20.514	11.240
#2	-.00407	40.561	.99887	.00098	.00158	20.371	11.142

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	631.99	370.31	.84480	-.00088	.00086	-.00012
SDev	.00004	3.31	1.50	.00488	.00146	.00068	.00011
%RSD	3.7440	.52301	.40509	.57825	166.58	79.970	84.891
#1	-.00097	634.32	371.37	.84826	-.00191	.00134	-.00020
#2	-.00092	629.65	369.25	.84135	.00016	.00037	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00636	-.00056	.00015	-.00320	-.00118
SDev	.00018	.00013	.00051	.00003	.00197	.00370
%RSD	238.51	2.1029	90.085	20.186	61.508	312.65
#1	-.00005	.00646	-.00092	.00013	-.00181	.00143
#2	.00020	.00627	-.00020	.00017	-.00459	-.00380

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24697	--	--	--	--	--	--
SDev	137.1787	--	--	--	--	--	--
%RSD	.5554469	--	--	--	--	--	--
#1	24600	--	--	--	--	--	--
#2	24794	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-11-a Operator: SRP
Run Time: 01/31/12 20:00:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04593	.00042	.00062	.22588	-.00065	.10105	-.00015
SDev	.00028	.00164	.00064	.00015	.00000	.00082	.00013
%RSD	.61269	392.25	104.02	.06549	.20935	.81267	86.101
#1	.04613	-.00074	.00107	.22598	-.00065	.10163	-.00006
#2	.04573	.00158	.00016	.22577	-.00065	.10047	-.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	88.665	-.00027	-.00048	.00052	.41881	.00012	.00038
SDev	.053	.00000	.00048	.00016	.01166	.00003	.00026
%RSD	.05931	.06709	99.783	30.037	2.7829	24.213	66.742
#1	88.702	-.00027	-.00014	.00041	.42706	.00014	.00020
#2	88.628	-.00027	-.00082	.00063	.41057	.00010	.00056

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	19.122	1.9043	.00230	.00228	1.4053	5.6748
SDev	.00086	.021	.0010	.00032	.00023	.0020	.0046
%RSD	89.616	.10967	.05479	13.805	10.207	.13891	.08050
#1	.00035	19.137	1.9051	.00207	.00244	1.4066	5.6781
#2	.00157	19.107	1.9036	.00252	.00211	1.4039	5.6716

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	54.391	50.472	.39594	-.00286	.00128	-.00032
SDev	.00039	.003	.039	.00001	.00001	.00163	.00004
%RSD	68.006	.00489	.07761	.00205	.51393	127.41	11.940
#1	-.00030	54.389	50.500	.39595	-.00287	.00243	-.00034
#2	-.00086	54.393	50.445	.39593	-.00285	.00013	-.00029

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.00440	.00010	.00053	-.00040	.00164
SDev	.00000	.00001	.00116	.00096	.00049	.00105
%RSD	1.9376	.15082	1162.2	183.60	121.26	63.936
#1	-.00017	.00441	.00092	-.00016	-.00074	.00090
#2	-.00016	.00440	-.00072	.00121	-.00006	.00239

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25680	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.1073856	--	--	--	--	--	--
#1	25661	--	--	--	--	--	--
#2	25700	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-12-a Operator: SRP
Run Time: 01/31/12 20:04:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06531	-.00076	.00549	.61210	-.00087	.61933	-.00002
SDev	.00272	.00046	.00010	.00028	.00002	.00107	.00006
%RSD	4.1713	60.564	1.9017	.04583	2.0869	.17228	275.87

#1	.06339	-.00109	.00541	.61230	-.00088	.61857	.00002

#2	.06724	-.00044	.00556	.61190	-.00086	.62008	-.00007
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	222.79	-.00005	.01233	.00090	5.2447	.07030	-.00020
SDev	.19	.00039	.00022	.00000	.0065	.00004	.00009
%RSD	.08615	850.33	1.7765	.00490	.12390	.06200	44.370
#1	222.65	-.00032	.01248	.00090	5.2493	.07033	-.00027
#2	222.92	.00023	.01217	.00090	5.2401	.07027	-.00014
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	162.13	2.7136	.00156	.00206	6.3750	12.683
SDev	.00216	.16	.0010	.00016	.00038	.0156	.007
%RSD	162.17	.10151	.03862	10.144	18.341	.24440	.05286
#1	.00285	162.01	2.7129	.00145	.00233	6.3860	12.678
#2	-.00019	162.25	2.7144	.00168	.00179	6.3639	12.688
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	1253.2	564.65	2.6077	.00333	.00179	-.00112
SDev	.00020	.8	.39	.0020	.00066	.00053	.00004
%RSD	64.464	.06414	.06936	.07610	19.696	29.720	3.6201
#1	-.00017	1253.8	564.37	2.6091	.00379	.00142	-.00109
#2	-.00045	1252.6	564.93	2.6063	.00287	.00217	-.00115
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	-.00039	.00765	-.00173	.00056	.00055	.00172	
SDev	.00010	.00019	.00239	.00106	.00033	.00307	
%RSD	25.226	2.5035	138.33	190.01	59.825	178.64	
#1	-.00045	.00751	-.00342	.00131	.00079	.00389	
#2	-.00032	.00778	-.00004	-.00019	.00032	-.00045	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23496	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0060190	--	--	--	--	--	--
#1	23497	--	--	--	--	--	--
#2	23495	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 20:07:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5086	.50907	.50031	.51771	.47161	.50897	.51157
SDev	.0015	.00163	.00089	.00076	.00096	.00125	.00170

%RSD	.05905	.32054	.17779	.14785	.20370	.24530	.33307
#1	2.5075	.50792	.49969	.51825	.47229	.50985	.51278
#2	2.5096	.51023	.50094	.51717	.47093	.50808	.51037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.368	.47646	.47515	.48599	2.5621	.48931	.48889
SDev	.025	.00039	.00119	.00075	.0188	.00053	.00068
%RSD	.19914	.08123	.24936	.15357	.73300	.10775	.13842
#1	12.385	.47674	.47599	.48651	2.5754	.48969	.48937
#2	12.350	.47619	.47431	.48546	2.5488	.48894	.48841

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50045	4.7922	.48160	.50560	.54204	12.533	.93040
SDev	.00078	.0139	.00073	.00064	.00238	.022	.00336
%RSD	.15582	.28933	.15187	.12733	.43960	.17570	.36154
#1	.49990	4.8020	.48212	.50514	.54372	12.548	.93277
#2	.50100	4.7824	.48108	.50605	.54035	12.517	.92802

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24791	12.855	12.575	.25980	.53775	.49891	.50641
SDev	.00025	.179	.021	.00042	.00078	.00018	.00071
%RSD	.09958	1.3924	.16982	.16303	.14548	.03674	.13912
#1	.24809	12.981	12.591	.26009	.53720	.49878	.50691
#2	.24774	12.728	12.560	.25950	.53831	.49904	.50591

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49058	.50954	.46110	.50278	.47507	.51320
SDev	.00089	.00133	.00262	.00030	.00420	.00093
%RSD	.18212	.26053	.56825	.05868	.88393	.18124
#1	.49121	.51048	.46296	.50257	.47210	.51386
#2	.48995	.50860	.45925	.50299	.47804	.51254

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25276	--	--	--	--	--	--
SDev	28.28427	--	--	--	--	--	--
%RSD	.1119017	--	--	--	--	--	--
#1	25256	--	--	--	--	--	--
#2	25296	--	--	--	--	--	--

01/31/12 08:15:31 PM page 28

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 20:11:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.04397	.00010	-.00119	.00012	-.00049	.00393	-.00011
SDev	.00687	.00142	.00134	.00010	.00000	.00081	.00006
%RSD	15.623	1474.9	112.06	81.655	.63530	20.695	60.749
#1	.04883	.00110	-.00025	.00019	-.00049	.00451	-.00006
#2	.03911	-.00091	-.00214	.00005	-.00048	.00336	-.00015
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01167	-.00039	-.00040	-.00194	-.03480	-.00005	-.00045
SDev	.00035	.00040	.00030	.00038	.00588	.00012	.00061
%RSD	3.0344	104.15	74.633	19.533	16.890	238.47	136.46
#1	-.01142	-.00010	-.00062	-.00167	-.03896	.00004	-.00002
#2	-.01192	-.00067	-.00019	-.00220	-.03065	-.00014	-.00088
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00123	-.01613	.00017	.00213	-.00064	-.14602	-.01453
SDev	.00293	.01022	.00009	.00073	.00019	.05137	.00385
%RSD	238.32	63.349	49.895	34.510	29.831	35.180	26.473
#1	-.00084	-.00891	.00024	.00265	-.00078	-.10970	-.01181
#2	.00330	-.02336	.00011	.00161	-.00051	-.18235	-.01726
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	-.11188	.03216	.00003	.00065	.00108	.00009
SDev	.00056	.11243	.00407	.00003	.00265	.00099	.00024
%RSD	85.591	100.49	12.669	126.30	403.84	91.672	281.90
#1	-.00104	-.19138	.03505	.00005	.00252	.00038	.00026
#2	-.00026	-.03239	.02928	.00000	-.00122	.00179	-.00009
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	-.00016	-.00291	-.00283	.00075	-.00116	.00242	
SDev	.00053	.00013	.00017	.00100	.00648	.00115	
%RSD	332.37	4.4268	6.0147	133.48	558.52	47.576	
#1	.00022	-.00282	-.00295	.00145	-.00574	.00161	
#2	-.00054	-.00300	-.00271	.00004	.00342	.00324	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25605	--	--	--	--	--	--
SDev	578.4133	--	--	--	--	--	--
%RSD	2.258986	--	--	--	--	--	--

#1	25196	--	--	--	--	--
#2	26014	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-13-a Operator: SRP
Run Time: 01/31/12 20:15:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06334	.00034	.00423	.20465	-.00065	.53720	-.00023
SDev	.00241	.00226	.00108	.00013	.00003	.00032	.00009
%RSD	3.8083	669.18	25.526	.06335	4.0204	.05915	39.618
#1	.06164	-.00126	.00500	.20456	-.00067	.53742	-.00016
#2	.06505	.00194	.00347	.20475	-.00063	.53697	-.00029

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.482	.00064	-.00053	.00132	1.7684	.00832	-.00052
SDev	.075	.00003	.00012	.00000	.0080	.00005	.00047
%RSD	.17340	3.8587	23.113	.21031	.45023	.58628	89.971
#1	43.536	.00066	-.00044	.00132	1.7740	.00828	-.00085
#2	43.429	.00063	-.00062	.00132	1.7628	.00835	-.00019

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	19.993	.55718	.00058	.00323	8.8220	17.077
SDev	.00030	.022	.00062	.00021	.00079	.0012	.007
%RSD	85.208	.11207	.11163	36.044	24.351	.01361	.04101
#1	.00014	20.009	.55762	.00072	.00379	8.8212	17.082
#2	.00057	19.977	.55674	.00043	.00267	8.8229	17.072

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	366.75	252.93	.37039	-.00109	.00062	.00119
SDev	.00015	.11	.21	.00018	.00092	.00075	.00003
%RSD	19.176	.03032	.08303	.04954	84.806	120.75	2.5132
#1	-.00070	366.67	253.07	.37026	-.00174	.00115	.00121
#2	-.00091	366.83	252.78	.37052	-.00044	.00009	.00117

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	.01969	-.00191	.00017	-.00301	.00204
SDev	.00018	.00001	.00111	.00015	.00023	.00034
%RSD	8.4050	.03860	58.093	84.572	7.5301	16.712
#1	.00197	.01968	-.00269	.00007	-.00317	.00180
#2	.00222	.01969	-.00112	.00028	-.00285	.00228

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/31/12 08:19:21 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25142	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0421859	--	--	--	--	--	--
#1	25135	--	--	--	--	--	--
#2	25150	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-14-a Operator: SRP

Run Time: 01/31/12 20:19:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05446	.00033	-.00013	.15833	-.00061	.15858	.00033
SDev	.00204	.00038	.00019	.00002	.00003	.00054	.00009
%RSD	3.7477	116.49	140.69	.01392	4.1244	.34027	27.023
#1	.05591	.00006	-.00026	.15835	-.00063	.15896	.00027
#2	.05302	.00060	-.00000	.15831	-.00059	.15820	.00040

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	131.47	.00029	-.00038	.00362	.07397	.01135	-.00017
SDev	.09	.00012	.00016	.00013	.00260	.00003	.00017
%RSD	.06490	41.434	43.007	3.6309	3.5144	.23592	101.48
#1	131.41	.00021	-.00026	.00371	.07214	.01133	-.00005
#2	131.53	.00038	-.00049	.00353	.07581	.01137	-.00029

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	19.041	.03527	.06893	.00067	3.4928	7.8081
SDev	.00109	.006	.00008	.00060	.00046	.0004	.0054
%RSD	59.408	.03031	.21841	.86503	68.422	.01250	.06938
#1	.00107	19.037	.03521	.06935	.00099	3.4931	7.8119
#2	.00261	19.045	.03532	.06851	.00034	3.4925	7.8043

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	88.441	79.196	.36208	.00042	.00158	-.00056
SDev	.00006	.098	.079	.00014	.00182	.00018	.00005
%RSD	11.831	.11048	.09962	.03970	433.03	11.704	8.9901
#1	-.00056	88.510	79.252	.36218	-.00087	.00145	-.00059
#2	-.00047	88.372	79.140	.36198	.00171	.00171	-.00052

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00210	.01887	.00072	-.00062	.00174	.00189
SDev	.00001	.00002	.00107	.00028	.00035	.00147
%RSD	.28186	.10369	147.96	44.483	20.043	77.534
#1	.00211	.01888	.00148	-.00081	.00149	.00085

#2	.00210	.01886	-.00003	-.00042	.00199	.00293	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25402	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0139181	--	--	--	--	--	--
#1	25400	--	--	--	--	--	--
#2	25405	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-15-a Operator: SRP
Run Time: 01/31/12 20:23:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03529	.00012	.00014	.00209	-.00057	.00539	-.00003
SDev	.00112	.00023	.00141	.00001	.00001	.00030	.00006
%RSD	3.1637	190.05	1014.1	.56998	1.6150	5.6428	229.36
#1	.03450	-.00004	.00113	.00210	-.00056	.00560	.00002
#2	.03608	.00028	-.00086	.00208	-.00058	.00517	-.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00492	-.00007	-.00041	.00058	-.02582	-.00028	-.00027
SDev	.00047	.00024	.00048	.00023	.01638	.00001	.00022
%RSD	9.4863	337.00	116.82	40.337	63.438	3.7062	81.014
#1	.00525	.00010	-.00007	.00075	-.01424	-.00028	-.00043
#2	.00459	-.00024	-.00075	.00042	-.03741	-.00027	-.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00220	-.02484	.00109	.00080	-.00035	-.18869	-.00830
SDev	.00211	.00117	.00001	.00000	.00013	.01144	.00188
%RSD	95.922	4.6924	1.0941	.31097	37.885	6.0655	22.701
#1	.00369	-.02566	.00108	.00079	-.00044	-.19678	-.00696
#2	.00071	-.02401	.00110	.00080	-.00025	-.18060	-.00963

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.04574	.03519	.00003	-.00055	.00091	.00006
SDev	.00042	.13112	.00004	.00001	.00364	.00040	.00005
%RSD	89.304	286.70	.11100	25.930	665.66	43.969	77.359
#1	-.00017	.13845	.03522	.00004	.00203	.00119	.00010
#2	-.00076	-.04698	.03516	.00003	-.00312	.00063	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00204	-.00122	.00020	.00146	.00257

SDev	.00026	.00004	.00150	.00108	.00252	.00190
%RSD	4999.7	1.8427	122.44	539.23	172.78	74.098
#1	.00019	.00202	-.00016	-.00056	.00324	.00391
#2	-.00018	.00207	-.00228	.00097	-.00032	.00122

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26160	--	--	--	--	--	--
SDev	267.9935	--	--	--	--	--	--
%RSD	1.024460	--	--	--	--	--	--

#1	26349	--	--	--	--	--	--
#2	25970	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49206-c-18-a Operator: SRP
Run Time: 01/31/12 20:27:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05646	-.00008	.00174	.15300	-.00065	.15403	.00054
SDev	.00032	.00159	.00079	.00025	.00002	.00049	.00008
%RSD	.56947	1979.6	45.474	.16210	2.5767	.32039	13.960
#1	.05624	-.00121	.00118	.15318	-.00063	.15368	.00060
#2	.05669	.00105	.00230	.15283	-.00066	.15438	.00049

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	129.62	.00016	-.00062	.00171	.07475	.01093	.00070
SDev	.31	.00032	.00016	.00017	.00189	.00002	.00033
%RSD	.24064	201.78	26.480	9.8525	2.5265	.15233	47.972
#1	129.84	.00038	-.00050	.00183	.07608	.01095	.00046
#2	129.40	-.00007	-.00073	.00159	.07341	.01092	.00093

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00332	18.470	.04559	.06970	.00065	3.5329	7.7005
SDev	.00125	.017	.00017	.00072	.00007	.0066	.0085
%RSD	37.446	.09459	.37011	1.0372	10.494	.18814	.11099
#1	.00420	18.482	.04571	.06919	.00070	3.5376	7.7065
#2	.00244	18.458	.04547	.07021	.00061	3.5282	7.6944

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	82.159	74.582	.35784	-.00118	-.00048	-.00042
SDev	.00009	.110	.020	.00062	.00030	.00230	.00002
%RSD	18.532	.13434	.02689	.17405	25.176	476.14	5.8269
#1	-.00043	82.237	74.596	.35828	-.00097	-.00211	-.00041
#2	-.00056	82.081	74.568	.35740	-.00139	.00114	-.00044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00187	.00990	.00047	.00081	.00424	.00287
SDev	.00035	.00015	.00012	.00056	.00411	.00019
%RSD	18.790	1.5500	24.861	68.986	97.059	6.6428
#1	.00212	.00979	.00055	.00041	.00715	.00273
#2	.00162	.01001	.00039	.00120	.00133	.00300

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25183	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--

%RSD	.0673890	--	--	--	--	--	--
#1	25171	--	--	--	--	--	--
#2	25195	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49206-c-1-a Operator: SRP
Run Time: 01/31/12 20:30:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.650	1.0831	1.0741	1.0732	.47442	1.8231	.51824
SDev	.013	.0023	.0031	.0003	.00068	.0016	.00050
%RSD	.11945	.21327	.29234	.02557	.14358	.08965	.09582
#1	10.659	1.0814	1.0764	1.0734	.47490	1.8219	.51859
#2	10.641	1.0847	1.0719	1.0731	.47394	1.8242	.51789

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.828	.96716	.95679	1.0031	10.269	1.3214	1.0010
SDev	.041	.00111	.00195	.0006	.048	.0001	.0019
%RSD	.20731	.11466	.20397	.06147	.47155	.00941	.18562
#1	19.857	.96794	.95817	1.0035	10.304	1.3215	1.0023
#2	19.799	.96638	.95541	1.0027	10.235	1.3213	.99966

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0545	103.07	1.0064	1.0400	1.0800	18.133	6.2827
SDev	.0023	.16	.0011	.0021	.0055	.009	.0115
%RSD	.21526	.15096	.10973	.19952	.51206	.04876	.18349
#1	1.0528	103.18	1.0072	1.0414	1.0839	18.139	6.2908
#2	1.0561	102.96	1.0056	1.0385	1.0761	18.126	6.2745

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52105	659.81	380.63	.60342	1.1099	1.0198	1.0211
SDev	.00238	.70	1.33	.00023	.0052	.0017	.0010

%RSD	.45603	.10579	.34904	.03749	.47037	.16762	.09340
#1	.52273	660.31	381.57	.60358	1.1062	1.0210	1.0218
#2	.51937	659.32	379.69	.60326	1.1136	1.0186	1.0205

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98912	1.4104	.94170	1.0306	.99954	1.0819
SDev	.00000	.0025	.00617	.0003	.00149	.0042
%RSD	.00003	.17374	.65514	.02889	.14931	.38367
#1	.98912	1.4122	.94607	1.0304	1.0006	1.0790
#2	.98912	1.4087	.93734	1.0308	.99848	1.0848

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	24840	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1736419	--	--	--	--	--	--
#1	24810	--	--	--	--	--	--
#2	24871	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49206-c-1-a@5 Operator: SRP
Run Time: 01/31/12 20:34:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04273	.00171	-.00003	.00440	-.00062	.14535	-.00011
SDev	.00046	.00142	.00064	.00002	.00002	.00122	.00014
%RSD	1.0797	83.180	2419.8	.53819	2.9715	.84272	125.95
#1	.04240	.00070	-.00048	.00438	-.00061	.14621	-.00001
#2	.04305	.00271	.00042	.00442	-.00063	.14448	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9257	-.00020	-.00037	-.00159	.03679	.00669	.00075
SDev	.0027	.00000	.00048	.00006	.01124	.00004	.00061
%RSD	.14114	.08888	131.60	3.7670	30.564	.57398	81.853
#1	1.9238	-.00020	-.00003	-.00155	.04474	.00666	.00118
#2	1.9276	-.00020	-.00071	-.00163	.02884	.00672	.00031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	18.186	.00446	.00329	-.00010	.03110	.98288
SDev	.00040	.013	.00001	.00138	.00002	.00818	.00202
%RSD	14.769	.06995	.18968	41.992	20.759	26.313	.20528
#1	.00302	18.177	.00445	.00427	-.00008	.02532	.98146
#2	.00245	18.195	.00446	.00231	-.00011	.03689	.98431

Analysis Report 01/31/12 08:38:36 PM page 35

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	98.966	85.626	.01444	.00364	-.00006	.00016
SDev	.00036	.113	.044	.00002	.00494	.00071	.00006
%RSD	76.968	.11464	.05118	.10420	135.62	1138.0	39.731
#1	-.00021	99.047	85.595	.01443	.00713	-.00056	.00020
#2	-.00073	98.886	85.657	.01445	.00015	.00044	.00011

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.06972	-.00018	.00121	.00288	.00266
SDev	.00010	.00027	.00086	.00135	.00242	.00182
%RSD	321.97	.39123	479.60	111.28	84.019	68.362
#1	.00010	.06952	-.00079	.00216	.00117	.00394
#2	-.00004	.06991	.00043	.00026	.00460	.00137

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25790	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1782196	--	--	--	--	--	--
#1	25822	--	--	--	--	--	--
#2	25757	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/31/12 20:38:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10113	.00946	.00864	.00766	.00435	.01117	.00529
SDev	.00134	.00229	.00157	.00000	.00003	.00018	.00021
%RSD	1.3224	24.212	18.157	.03196	.69895	1.6354	4.0510
#1	.10018	.00784	.00753	.00767	.00433	.01130	.00514
#2	.10207	.01108	.00975	.00766	.00437	.01104	.00545

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10745	.00756	.00651	.00575	.03409	.00364	.00735
SDev	.00108	.00046	.00030	.00027	.01624	.00001	.00020
%RSD	1.0036	6.0374	4.6704	4.6428	47.652	.37821	2.7863
#1	.10668	.00724	.00630	.00556	.02260	.00363	.00721
#2	.10821	.00789	.00673	.00593	.04557	.00365	.00750

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00838	.05203	.00724	.00912	.00783	.44916	-.00597
SDev	.00118	.00324	.00007	.00041	.00091	.01316	.00155
%RSD	14.077	6.2233	.90745	4.5077	11.642	2.9303	26.020

#1	.00754	.04974	.00719	.00883	.00718	.43985	-.00707
#2	.00921	.05432	.00728	.00941	.00847	.45846	-.00487

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00308	.63769	.61200	.00218	.00757	.00358	.00780
SDev	.00044	.20169	.00506	.00003	.00059	.00119	.00016
%RSD	14.249	31.629	.82628	1.4496	7.8335	33.214	2.0521
#1	.00277	.49507	.61557	.00216	.00715	.00274	.00768
#2	.00340	.78031	.60842	.00220	.00798	.00442	.00791

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00745	.00509	.00429	.00888	.00590	.00962
SDev	.00068	.00018	.00106	.00022	.00483	.00064
%RSD	9.1042	3.6251	24.731	2.5132	81.772	6.6968
#1	.00697	.00496	.00354	.00904	.00249	.01007
#2	.00793	.00523	.00504	.00873	.00931	.00916

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26146	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.1920126	--	--	--	--	--	--
#1	26111	--	--	--	--	--	--
#2	26182	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/31/12 20:42:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	495.22	.00004	-.00344	.00171	-.00086	.00149	.00253
SDev	.51	.00069	.00194	.00001	.00000	.00047	.00036
%RSD	.10317	1871.6	56.319	.78174	.12458	31.429	14.400
#1	495.59	.00052	-.00481	.00170	-.00086	.00116	.00227
#2	494.86	-.00045	-.00207	.00172	-.00086	.00182	.00279

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	438.84	.00108	-.00115	.01123	188.28	.00443	.00891
SDev	.46	.00003	.00036	.00036	.07	.00002	.00033
%RSD	.10587	2.4961	31.087	3.1715	.03669	.37153	3.6880
#1	438.51	.00110	-.00140	.01148	188.23	.00442	.00868
#2	439.17	.00106	-.00090	.01098	188.33	.00445	.00914

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01540	476.89	-.00714	.00142	.00006	-.11694	-.00090
SDev	.00087	.32	.00005	.00077	.00026	.01136	.00041
%RSD	5.6423	.06806	.74368	54.387	403.82	9.7177	46.144
#1	-.01601	476.66	-.00718	.00087	.00024	-.12497	-.00061
#2	-.01478	477.12	-.00711	.00196	-.00012	-.10890	-.00119

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00166	-.11287	.21701	-.00857	.00617	-.00102	-.00244
SDev	.00037	.09378	.01823	.00001	.00681	.00016	.00002
%RSD	22.236	83.089	8.4020	.11865	110.33	15.474	.70655
#1	-.00192	-.17918	.20412	-.00856	.00136	-.00091	-.00243
#2	-.00140	-.04655	.22990	-.00858	.01099	-.00113	-.00245

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00455	-.00209	-.08761	.05717	.00210	-.02414
SDev	.00029	.00007	.00066	.00016	.00391	.00065
%RSD	6.2741	3.3916	.74859	.28841	185.95	2.7030
#1	.00475	-.00204	-.08808	.05705	-.00066	-.02368

#2	.00435	-.00214	-.08715	.05729	.00487	-.02461	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23169	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0366234	--	--	--	--	--	--
#1	23163	--	--	--	--	--	--
#2	23175	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/31/12 20:46:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	505.68	1.0620	1.0429	1.0597	.45394	1.0597	.48329
SDev	1.30	.0108	.0070	.0022	.00131	.0028	.00148
%RSD	.25638	1.0126	.67453	.20347	.28924	.26143	.30659
#1	506.60	1.0696	1.0479	1.0612	.45487	1.0616	.48433
#2	504.77	1.0544	1.0380	1.0582	.45301	1.0577	.48224

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.12	.91573	.88053	1.0408	200.27	1.2907	.95291
SDev	1.59	.00423	.00263	.0025	.68	.0024	.00207
%RSD	.35123	.46145	.29892	.24363	.33890	.18354	.21687

#1	454.24	.91872	.88239	1.0426	200.75	1.2923	.95437
#2	451.99	.91275	.87866	1.0390	199.79	1.2890	.95145

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98280	491.86	.92821	.99020	.98442	15.184	.95088
SDev	.00283	1.51	.00330	.00090	.00402	.037	.00761
%RSD	.28832	.30683	.35597	.09047	.40804	.24057	.80042
#1	.98480	492.92	.93055	.99083	.98726	15.210	.95626
#2	.98080	490.79	.92588	.98956	.98158	15.158	.94550

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53180	12.559	14.440	.51834	1.0407	.96690	.98871
SDev	.00196	.057	.031	.00123	.0041	.00212	.00319
%RSD	.36881	.45651	.21564	.23803	.39679	.21920	.32237
#1	.53319	12.600	14.462	.51921	1.0436	.96840	.99096
#2	.53041	12.518	14.418	.51746	1.0378	.96540	.98646

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95562	1.0103	.80255	1.0281	.93896	1.0047
SDev	.00309	.0035	.00542	.0004	.00751	.0005

%RSD	.32356	.34383	.67525	.03796	.79959	.04941
#1	.95781	1.0127	.80638	1.0284	.94427	1.0051
#2	.95343	1.0078	.79872	1.0278	.93365	1.0044

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	23371	--	--	--	--	--	--
SDev	45.25483	--	--	--	--	--	--
%RSD	.1936367	--	--	--	--	--	--
#1	23339	--	--	--	--	--	--
#2	23403	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/31/12 20:50:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5932	.50694	.50291	.51630	.47032	.50491	.50868
SDev	.0172	.00410	.00039	.00142	.00112	.00056	.00124
%RSD	.66414	.80949	.07698	.27552	.23891	.11175	.24409
#1	2.6054	.50984	.50318	.51530	.46953	.50451	.50780
#2	2.5810	.50404	.50264	.51731	.47112	.50531	.50956

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.374	.47466	.47347	.48620	2.5533	.48870	.48898
SDev	.018	.00104	.00158	.00221	.0007	.00133	.00003
%RSD	.14843	.21927	.33288	.45419	.02780	.27107	.00672
#1	12.361	.47392	.47236	.48464	2.5528	.48777	.48900
#2	12.387	.47539	.47458	.48776	2.5538	.48964	.48895

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49637	4.8633	.48004	.50805	.53768	12.518	.91658
SDev	.00424	.0068	.00108	.00420	.00296	.036	.00183
%RSD	.85519	.14084	.22389	.82733	.55080	.28392	.19945
#1	.49337	4.8681	.47928	.50508	.53558	12.493	.91529
#2	.49938	4.8584	.48080	.51103	.53977	12.544	.91788

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24605	12.530	12.428	.25918	.52982	.49228	.50479
SDev	.00063	.021	.040	.00075	.00018	.00090	.00127
%RSD	.25470	.17077	.32085	.28803	.03394	.18381	.25092
#1	.24561	12.515	12.400	.25866	.52995	.49164	.50390
#2	.24649	12.545	12.456	.25971	.52969	.49292	.50569

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48870	.50762	.45861	.50416	.46971	.50976
SDev	.00151	.00151	.00013	.00011	.00634	.00320
%RSD	.30836	.29754	.02726	.02217	1.3489	.62768
#1	.48763	.50655	.45852	.50424	.46523	.50750
#2	.48976	.50869	.45870	.50408	.47419	.51202

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25264	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.2295074	--	--	--	--	--	--
#1	25305	--	--	--	--	--	--
#2	25223	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/31/12 20:54:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07923	.00067	.00241	.00035	-.00031	.00408	.00016
SDev	.00584	.00229	.00197	.00005	.00003	.00063	.00010

%RSD	7.3740	339.87	81.965	14.995	9.9420	15.361	58.289
#1	.08336	.00229	.00101	.00038	-.00029	.00452	.00023
#2	.07510	-.00095	.00380	.00031	-.00033	.00364	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02704	.00037	-.00020	-.00146	-.01054	.00014	-.00041
SDev	.00351	.00010	.00000	.00025	.00697	.00000	.00057
%RSD	13.001	26.194	1.1498	16.983	66.056	.81853	141.77
#1	.02952	.00030	-.00019	-.00128	-.00562	.00014	.00000
#2	.02455	.00044	-.00020	-.00163	-.01547	.00014	-.00081

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	.02855	.00030	.00297	.00035	-.10062	-.01396
SDev	.00233	.00075	.00005	.00063	.00029	.00958	.00153
%RSD	105.82	2.6130	17.277	21.152	82.130	9.5260	10.934
#1	.00386	.02907	.00034	.00341	.00015	-.10740	-.01288
#2	.00056	.02802	.00027	.00252	.00055	-.09384	-.01504

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	-.02517	.05212	.00011	.00438	-.00028	.00039
SDev	.00003	.01261	.00129	.00003	.00032	.00024	.00016
%RSD	5.9383	50.108	2.4682	23.233	7.2898	86.732	41.299
#1	-.00051	-.03409	.05303	.00013	.00461	-.00011	.00050

#2	-.00047	-.01625	.05121	.00009	.00416	-.00045	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	-.00270	-.00193	.00036	.00227	.00218
SDev	.00027	.00014	.00038	.00067	.00359	.00170
%RSD	66.906	5.1892	19.843	188.72	158.59	78.343
#1	.00059	-.00260	-.00166	.00083	.00481	.00338
#2	.00021	-.00280	-.00220	-.00012	-.00028	.00097

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25769	--	--	--	--	--	--
SDev	93.33810	--	--	--	--	--	--
%RSD	.3622108	--	--	--	--	--	--
#1	25835	--	--	--	--	--	--
#2	25703	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Batch Number: 70492 Batch Start Date: 01/20/12 09:41 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 200.7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010	METSPIKEB 00011
MB 600-70492/1		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-70492/2		200.7, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 04
Temperature	95
ID number of the thermometer	518

Basis	Basis Description
T	Total/NA
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Batch Number: 70492 Batch Start Date: 01/20/12 09:41 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010
600-49063-A-1	2012-LMW-NE	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-49063-B-1	2012-LMW-NE	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-49063-A-2	2012-MW-20	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-49063-A-3	2012-B4R	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-49063-A-4	2012-MW-17	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-49063-B-4	2012-MW-17	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-49063-A-4 MS	2012-MW-17	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-49063-B-4 MS	2012-MW-17	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-49063-A-4 MSD	2012-MW-17	3010A, 6010B	D	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-49063-B-4 MSD	2012-MW-17	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	250 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
600-49063-A-1	2012-LMW-NE	3010A, 6010B	D						
600-49063-B-1	2012-LMW-NE	3010A, 6010B	T						
600-49063-A-2	2012-MW-20	3010A, 6010B	T						
600-49063-A-3	2012-B4R	3010A, 6010B	T						
600-49063-A-4	2012-MW-17	3010A, 6010B	D						
600-49063-B-4	2012-MW-17	3010A, 6010B	T						
600-49063-A-4 MS	2012-MW-17	3010A, 6010B	D	250 uL					
600-49063-B-4 MS	2012-MW-17	3010A, 6010B	T	250 uL					
600-49063-A-4 MSD	2012-MW-17	3010A, 6010B	D	250 uL					
600-49063-B-4 MSD	2012-MW-17	3010A, 6010B	T	250 uL					

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 04
Temperature	95
ID number of the thermometer	518

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Batch Number: 70492 Batch Start Date: 01/20/12 09:41 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Basis	Basis Description
T	Total/NA
D	Dissolved

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-LMW-NE	600-49063-1
2012-LMW-NE	600-49063-1 DL2
2012-MW-20	600-49063-2
2012-MW-20	600-49063-2 DL2
2012-B4R	600-49063-3
2012-B4R	600-49063-3 DL
2012-MW-17	600-49063-4
2012-MW-17	600-49063-4 DL2

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-LMW-NEDL2 Lab Sample ID: 600-49063-1

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG ID.:

Matrix: Water Date Sampled: 01/18/2012 10:40

Reporting Basis: WET Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	813	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-LMW-NE
Lab Sample ID: 600-49063-1
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG ID.:
Matrix: Water
Date Sampled: 01/18/2012 10:40
Reporting Basis: WET
Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	3160	10.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-20DL2 Lab Sample ID: 600-49063-2

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG ID.:

Matrix: Water Date Sampled: 01/18/2012 10:15

Reporting Basis: WET Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	4040	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-20 Lab Sample ID: 600-49063-2

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG ID.:

Matrix: Water Date Sampled: 01/18/2012 10:15

Reporting Basis: WET Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	6020	20.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-B4RDL
Lab Sample ID: 600-49063-3
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG ID.:
Matrix: Water
Date Sampled: 01/18/2012 09:50
Reporting Basis: WET
Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	178	5.00	2.00	mg/L			10	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-B4R
Lab Sample ID: 600-49063-3
Lab Name: TestAmerica Houston
Job No.: 600-49063-1
SDG ID.:
Matrix: Water
Date Sampled: 01/18/2012 09:50
Reporting Basis: WET
Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	1170	10.0		mg/L			1	SM 2540C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-17DL2 Lab Sample ID: 600-49063-4

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG ID.:

Matrix: Water Date Sampled: 01/18/2012 15:00

Reporting Basis: WET Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
14808-79-8	Sulfate	1590	50.0	20.0	mg/L			100	300.0

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 2012-MW-17 Lab Sample ID: 600-49063-4

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG ID.:

Matrix: Water Date Sampled: 01/18/2012 15:00

Reporting Basis: WET Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Total Dissolved Solids	3140	10.0		mg/L			1	SM 2540C

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Analyst: SUP Batch Start Date: 01/23/2012

Reporting Units: mg/L Analytical Batch No.: 70723

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	ICV	12:48	Sulfate	21.36	20.0	107	90-110		ICV/LCS_00009
3	ICB	13:06	Sulfate	0.175				U	
14	CCV	16:23	Sulfate	21.23	20.0	106	90-110		CCV_00005
15	CCB	16:41	Sulfate	0.175				U	
26	CCV	19:58	Sulfate	21.34	20.0	107	90-110		CCV_00005
27	CCB	20:16	Sulfate	0.175				U	
36	CCV	22:58	Sulfate	21.08	20.0	105	90-110		CCV_00005
37	CCB	23:16	Sulfate	0.175				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 70723	Date: 01/23/2012 13:24						
300.0	MB 600-70723/4	Sulfate	0.200	U	mg/L	0.500	1
Batch ID: 70544	Date: 01/20/2012 15:55						
SM 2540C	MB 600-70544/1	Total Dissolved Solids	10.0	U	mg/L	10.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 70723		Date: 01/23/2012 18:47									
300.0	600-49063-4	Sulfate	1590		mg/L						
300.0	600-49063-4 MS DL2	Sulfate	2536		mg/L	1000	94	80-120			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 70723		Date: 01/23/2012 19:05									
300.0	600-49063-4 MSD DL2	Sulfate	2539		mg/L	1000	95	80-120	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 70723		Date: 01/23/2012 13:42									
						LCS Source: ICV/LCS_00009					
300.0	LCS 600-70723/5	Sulfate	21.25		mg/L	20.0	106	90-110			
Batch ID: 70544		Date: 01/20/2012 15:55									
						LCS Source: TDSILCS_00043					
SM 2540C	LCS 600-70544/2	Total Dissolved Solids	1941		mg/L	1800	108	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG Number:

Matrix: Water Instrument ID: WC16

Method: 300.0 MDL Date: 11/09/2005 15:02

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfate		0.5	0.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG Number:

Matrix: Water Instrument ID: WC16

Method: 300.0 XMDL Date: 01/13/2006 16:07

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfate		0.5	0.1749

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG Number:

Matrix: Water Instrument ID: B1

Method: SM 2540C RL Date: 03/03/2008 18:50

Analyte	Wavelength/ Mass	RL (mg/L)	
Total Dissolved Solids		10	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49063-1

SDG Number:

Matrix: Water Instrument ID: B1

Method: SM 2540C XMDL Date: 06/09/2008 17:41

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Dissolved Solids		10	1.53

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Instrument ID: WC16 Method: 300.0

Start Date: 01/23/2012 12:31 End Date: 01/24/2012 01:03

Lab Sample ID	D / F	Type	Time	Analytes																			
				SO4																			
RINSE 600-70723/1			12:31																				
ICV 600-70723/2	1		12:48	X																			
ICB 600-70723/3	1		13:06	X																			
MB 600-70723/4	1	T	13:24	X																			
LCS 600-70723/5	1	T	13:42	X																			
ZZZZZZ			14:00																				
ZZZZZZ			14:18																				
ZZZZZZ			14:36																				
ZZZZZZ			14:54																				
ZZZZZZ			15:12																				
600-49063-1 DL2	100	T	15:30	X																			
ZZZZZZ			15:48																				
600-49063-2 DL2	100	T	16:05	X																			
CCV 600-70723/14	1		16:23	X																			
CCB 600-70723/15	1		16:41	X																			
600-49063-3 DL	10	T	16:59	X																			
ZZZZZZ			17:17																				
ZZZZZZ			17:35																				
ZZZZZZ			17:53																				
ZZZZZZ			18:11																				
600-49063-4 DL2	100	T	18:29	X																			
600-49063-4 MS DL2	100	T	18:47	X																			
600-49063-4 MSD DL2	100	T	19:05	X																			
ZZZZZZ			19:23																				
ZZZZZZ			19:41																				
CCV 600-70723/26	1		19:58	X																			
CCB 600-70723/27	1		20:16	X																			
ZZZZZZ			20:34																				
ZZZZZZ			20:52																				
ZZZZZZ			21:10																				
ZZZZZZ			21:28																				
ZZZZZZ			21:46																				
ZZZZZZ			22:04																				
ZZZZZZ			22:22																				
ZZZZZZ			22:40																				
CCV 600-70723/36	1		22:58	X																			
CCB 600-70723/37	1		23:16	X																			
ZZZZZZ			23:34																				
ZZZZZZ			23:51																				
ZZZZZZ			00:09																				
CCV 600-70723/41			00:27																				
CCB 600-70723/42			00:45																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Instrument ID: WC16 Method: 300.0

Start Date: 01/23/2012 12:31 End Date: 01/24/2012 01:03

Lab Sample ID	D / F	Type	Time	Analytes																			
				SO4																			
ZZZZZZ			01:03																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Instrument ID: B1 Method: SM 2540C

Start Date: 01/20/2012 15:55 End Date: 01/20/2012 15:55

Lab Sample ID	D / F	Type	Time	Analytes																			
				TDS																			
MB 600-70544/1	1	T	15:55	X																			
LCS 600-70544/2	1	T	15:55	X																			
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
ZZZZZZ			15:55																				
600-49063-1	1	T	15:55	X																			
600-49063-2	1	T	15:55	X																			
600-49063-3	1	T	15:55	X																			
600-49063-4	1	T	15:55	X																			
600-49063-4 MS	1	T	15:55	X																			
600-49063-4 MSD	1	T	15:55	X																			

Prep Types

T = Total/NA

Batch 70723 → 300·28D
70724 → 300·48HR

Sequence: 012312
Operator: Houston_wetchem_inst
Printed: 1/23/2012 2:37:54 PM

Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100
#Samples: 51

MS-(723649) 0·25ml → 5ml at 8X

Created: 1/23/2012 12:16:09 PM by Houston_wetchem_inst
Last Update: 1/23/2012 2:37:42 PM by Houston_wetchem_inst

1/24/12

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status
1	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished
2	CAL1 651187	Standard	2	10.0	AnionsC	CAL010612	Finished
3	CAL2 651188	Standard	3	10.0	AnionsC	CAL010612	Finished
4	CAL3 651189	Standard	4	10.0	AnionsC	CAL010612	Finished
5	CAL4 651190	Standard	5	10.0	AnionsC	CAL010612	Finished
6	CAL5 651196	Standard	6	10.0	AnionsC	CAL010612	Finished
7	CAL6 651192	Standard	7	10.0	AnionsC	CAL010612	Finished
8	CAL7 673800	Standard	8	10.0	AnionsC	CAL010612	Finished
9	RINSE	Unknown	1	10.0	AnionsC	CAL010612	Finished
10	ICV 759991	Unknown	2	10.0	AnionsC	CAL010612	Finished
11	ICB	Unknown	3	10.0	AnionsC	CAL010612	Finished
12	MB	Unknown	4	10.0	AnionsC	CAL010612	Finished
13	LCS 759991	Unknown	5	10.0	AnionsC	CAL010612	Finished
14	600-49197-a-5	Unknown	6	10.0	AnionsC	CAL010612	Finished
15	600-49197-a-6	Unknown	7	10.0	AnionsC	CAL010612	Finished
[redacted]	600-49199-a-5	Unknown	8	10.0	AnionsC	CAL010612	Running
17	600-49199-a-6	Unknown	9	10.0	AnionsC	CAL010612	Single
18	600-49063-c-1	Unknown	10	10.0	AnionsC	CAL010612	Single
19	600-49063-c-1	Unknown	11	10.0	AnionsC	CAL010612	Single
20	600-49063-b-2	Unknown	12	10.0	AnionsC	CAL010612	Single
21	600-49063-b-2	Unknown	13	10.0	AnionsC	CAL010612	Single
22	CCV 712406	Unknown	14	10.0	AnionsC	CAL010612	Single
23	CCB	Unknown	15	10.0	AnionsC	CAL010612	Single
24	600-49063-b-3	Unknown	16	10.0	AnionsC	CAL010612	Single
25	600-49063-b-3	Unknown	17	10.0	AnionsC	CAL010612	Single
26	600-49063-c-4	Unknown	18	10.0	AnionsC	CAL010612	Single
27	600-49063-c-4 ms	Unknown	19	10.0	AnionsC	CAL010612	Single
28	600-49063-c-4 msd	Unknown	20	10.0	AnionsC	CAL010612	Single
29	600-49063-c-4	Unknown	21	10.0	AnionsC	CAL010612	Single
30	600-49063-c-4 ms	Unknown	22	10.0	AnionsC	CAL010612	Single
31	600-49063-c-4 msd	Unknown	23	10.0	AnionsC	CAL010612	Single
32	600-49105-a-1	Unknown	24	10.0	AnionsC	CAL010612	Single
33	600-49105-a-1	Unknown	25	10.0	AnionsC	CAL010612	Single
34	CCV 712406	Unknown	26	10.0	AnionsC	CAL010612	Single
35	CCB	Unknown	27	10.0	AnionsC	CAL010612	Single
36	600-49030-a-1	Unknown	28	10.0	AnionsC	CAL010612	Single
37	600-49030-a-3	Unknown	29	10.0	AnionsC	CAL010612	Single
38	600-49181-i-1	Unknown	30	10.0	AnionsC	CAL010612	Single
39	600-49181-i-1	Unknown	31	10.0	AnionsC	CAL010612	Single
40	DU 600-49181-i-1	Unknown	32	10.0	AnionsC	CAL010612	Single
41	MS 600-49181-i-1	Unknown	33	10.0	AnionsC	CAL010612	Single
42	600-49155-a-1	Unknown	34	10.0	AnionsC	CAL010612	Single

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Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100
#Samples: 51
Created: 1/23/2012 12:16:09 PM by Houston_wetchem_inst
Last Update: 1/23/2012 2:37:42 PM by Houston_wetchem_inst

No.	Name	Inj. Date/Time	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
1	RINSE		1.0000	1.0000	1.0000		01	
2	CAL1 651187		1.0000	1.0000	1.0000		01	
3	CAL2 651188		1.0000	1.0000	1.0000		01	
4	CAL3 651189		1.0000	1.0000	1.0000		01	
5	CAL4 651190		1.0000	1.0000	1.0000		01	
6	CAL5 651196		1.0000	1.0000	1.0000		01	
7	CAL6 651192		1.0000	1.0000	1.0000		01	
8	CAL7 673800		1.0000	1.0000	1.0000		01	
9	RINSE	1/23/2012 12:31:16 PM	1.0000	1.0000	1.0000		01	
10	ICV 759991	1/23/2012 12:48:48 PM	1.0000	1.0000	1.0000		01	
11	ICB	1/23/2012 1:06:44 PM	1.0000	1.0000	1.0000		01	
12	MB	1/23/2012 1:24:40 PM	1.0000	1.0000	1.0000		01	
13	LCS 759991	1/23/2012 1:42:35 PM	1.0000	1.0000	1.0000		01	
14	600-49197-a-5	1/23/2012 2:00:31 PM	1.0000	1.0000	1.0000		01	
15	600-49197-a-6	1/23/2012 2:18:26 PM	1.0000	1.0000	1.0000		01	
[redacted]	600-49199-a-5	1/23/2012 2:36:21 PM	1.0000	1.0000	1.0000		01	
17	600-49199-a-6		1.0000	1.0000	1.0000		01	
18	600-49063-c-1		10.0000	10.0000	1.0000		01	
19	600-49063-c-1		100.0000	100.0000	1.0000		01	
20	600-49063-b-2		10.0000	10.0000	1.0000		01	
21	600-49063-b-2		100.0000	100.0000	1.0000		01	
22	CCV 712406		1.0000	1.0000	1.0000		01	
23	CCB		1.0000	1.0000	1.0000		01	
24	600-49063-b-3		10.0000	10.0000	1.0000		01	
25	600-49063-b-3		100.0000	100.0000	1.0000		01	
26	600-49063-c-4		10.0000	10.0000	1.0000		01	
27	600-49063-c-4 ms		10.0000	10.0000	1.0000		01	
28	600-49063-c-4 msd		10.0000	10.0000	1.0000		01	
29	600-49063-c-4		100.0000	100.0000	1.0000		01	
30	600-49063-c-4 ms		100.0000	100.0000	1.0000		01	
31	600-49063-c-4 msd		100.0000	100.0000	1.0000		01	
32	600-49105-a-1		1.0000	1.0000	1.0000		01	
33	600-49105-a-1		10.0000	10.0000	1.0000		01	
34	CCV 712406		1.0000	1.0000	1.0000		01	
35	CCB		1.0000	1.0000	1.0000		01	
36	600-49030-a-1		1.0000	1.0000	1.0000		01	
37	600-49030-a-3		1.0000	1.0000	1.0000		01	
38	600-49181-i-1		1.0000	1.0000	1.0000		01	
39	600-49181-i-1		10.0000	10.0000	1.0000		01	
40	DU 600-49181-i-1		10.0000	10.0000	1.0000		01	
41	MS 600-49181-i-1		10.0000	10.0000	1.0000		01	
42	600-49155-a-1		2.0000	2.0000	1.0000		01	

Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100
#Samples: 51
Created: 1/23/2012 12:16:09 PM by Houston_wetchem_inst
Last Update: 1/23/2012 2:37:42 PM by Houston_wetchem_inst

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status
43	600-49166-a-1	Unknown	35	10.0	AnionsC	CAL010612	Single
44	CCV 712406	Unknown	36	10.0	AnionsC	CAL010612	Single
45	CCB	Unknown	37	10.0	AnionsC	CAL010612	Single
46	600-49186-A-2	Unknown	38	10.0	AnionsC	CAL010612	Single
47	600-49186-A-2	Unknown	39	10.0	AnionsC	CAL010612	Single
48	600-49186-A-2	Unknown	40	10.0	AnionsC	CAL010612	Single
49	CCV 712406	Unknown	41	10.0	AnionsC	CAL010612	Single
50	CCB	Unknown	42	10.0	AnionsC	CAL010612	Single
51	sd	Unknown	43	10.0	Shutdown	CAL010612	Single

Sequence: 012312
Operator: Houston_wetchem_inst
Printed: 1/23/2012 2:37:54 PM

Title:
Datasource: HOUDJ79WG91_local
Location: ICS1100\2_Data\ICS1100
Timebase: ICS1100
#Samples: 51

Created: 1/23/2012 12:16:09 PM by Houston_wetchem_inst
Last Update: 1/23/2012 2:37:42 PM by Houston_wetchem_inst

No.	Name	Inj. Date/Time	Weight	Dil. Factor	ISTD Amount	Sample ID	Replicate ID	Comment
43	600-49166-a-1		1.0000	1.0000	1.0000		01	
44	CCV 712406		1.0000	1.0000	1.0000		01	
45	CCB		1.0000	1.0000	1.0000		01	
46	600-49186-A-2		10.0000	10.0000	1.0000		01	
47	600-49186-A-2		100.0000	100.0000	1.0000		01	
48	600-49186-A-2		1000.0000	1000.0000	1.0000		01	
49	CCV 712406		1.0000	1.0000	1.0000		01	
50	CCB		1.0000	1.0000	1.0000		01	
51	sd		1.0000	1.0000	1.0000		01	

1 RINSE

Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**n.a.**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

012312 #1 RINSE ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\1.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

2 CAL1 651187

Sample Name:	**CAL1 651187**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

012312 #2 CAL1 651187 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\2.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

3 CAL2 651188

Sample Name:	**CAL2 651188**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

012312 #3 CAL2 651188 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\3.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

4 CAL3 651189

Sample Name:	**CAL3 651189**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

012312 #4 CAL3 651189 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\4.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

5 CAL4 651190

Sample Name:	**CAL4 651190**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

012312 #5 CAL4 651190 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\5.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

6 CAL5 651196

Sample Name:	**CAL5 651196**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

012312 #6 CAL5 651196 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\6.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

7 CAL6 651192

Sample Name:	**CAL6 651192**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

012312 #7 CAL6 651192 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\7.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

012312 #8 CAL7 673800 ECD_1

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\8.acd".
The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

8 CAL7 673800

Sample Name:	**CAL7 673800**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**n.a.**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**n.a.**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

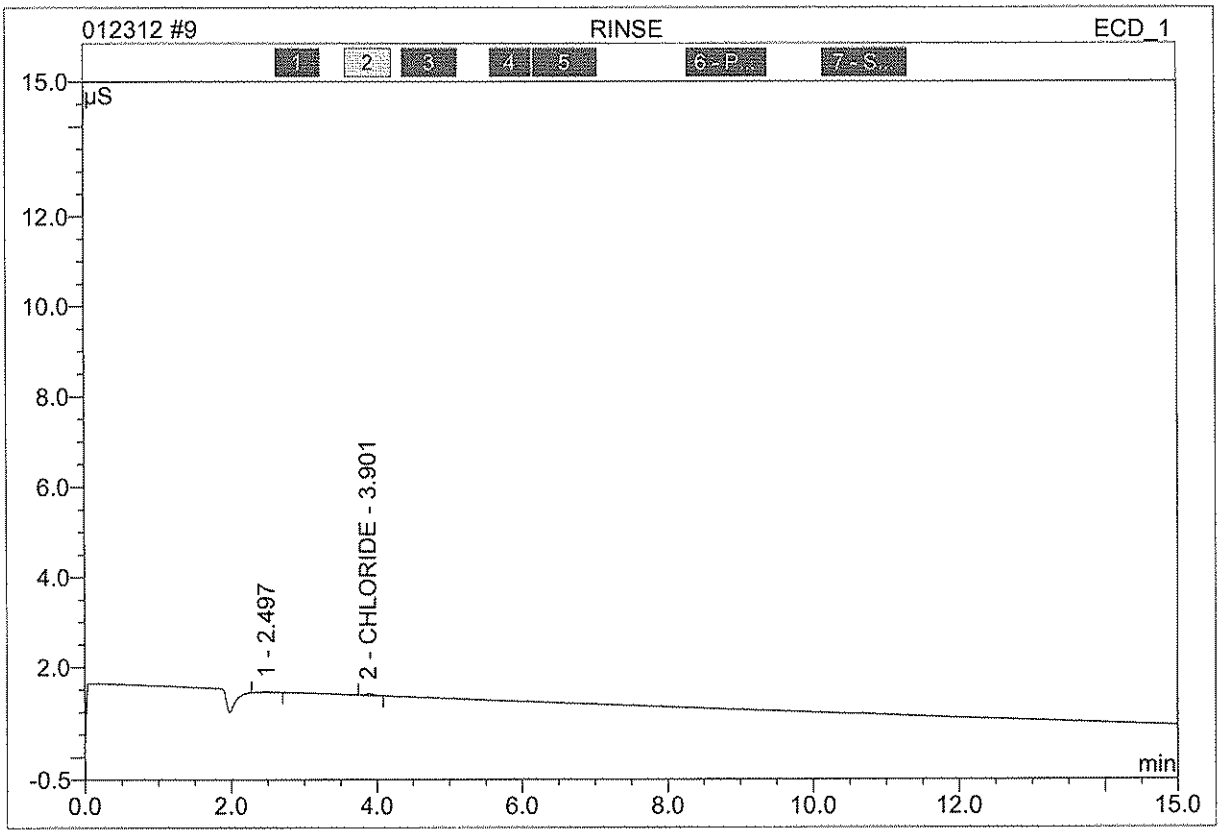
Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

Can't open raw data file "C:\Chromel\data\ICS1100\2_Data\ICS1100\012312.SEQ\ECD_1.CHL\8.acd". The system cannot find the file specified.

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
Average:					n.a.	n.a.	n.a.	n.a.

9 RINSE

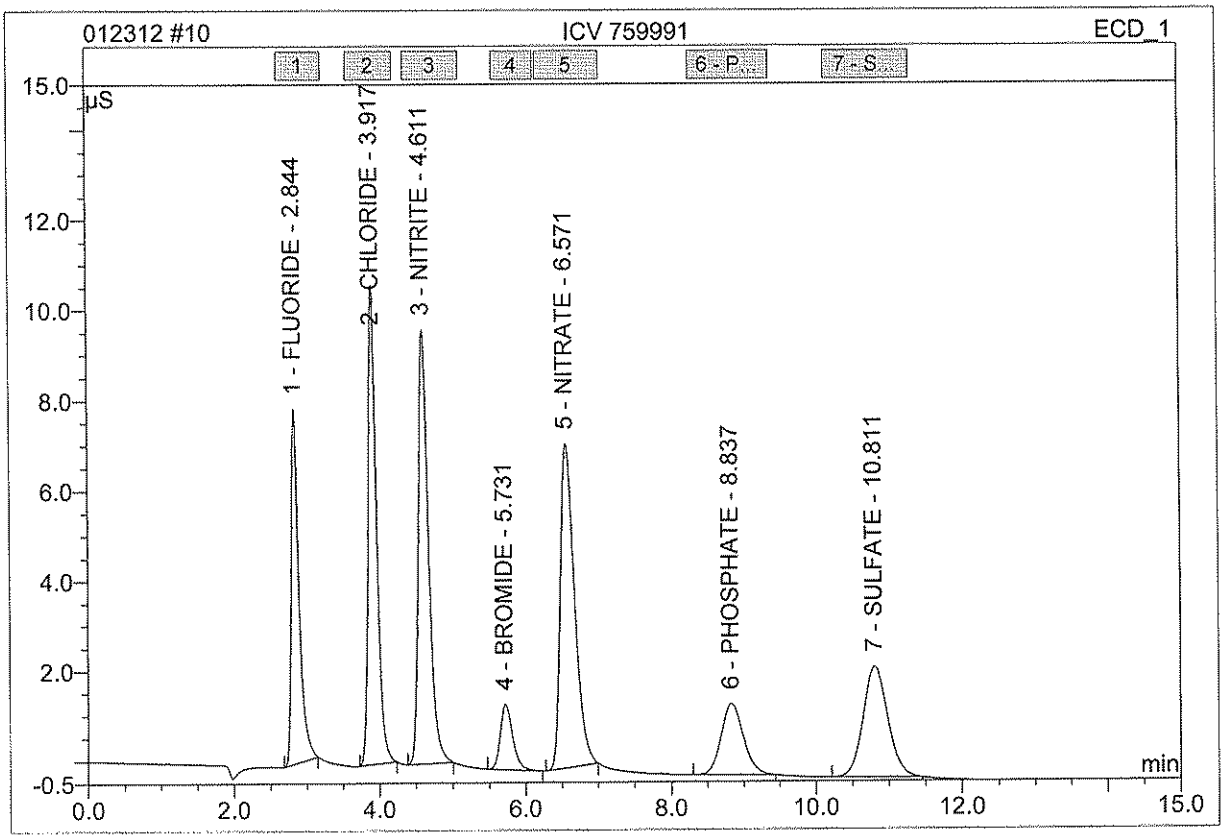
Sample Name:	**RINSE**	*Injection Volume:*	**10.0**
Vial Number:	**1**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 12:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.50	n.a.	0.013	0.004	38.52	n.a.	BMB
2	3.90	CHLORIDE	0.041	0.006	61.48	0.780	BMB
Total:			0.054	0.009	100.00	0.780	

10 ICV 759991

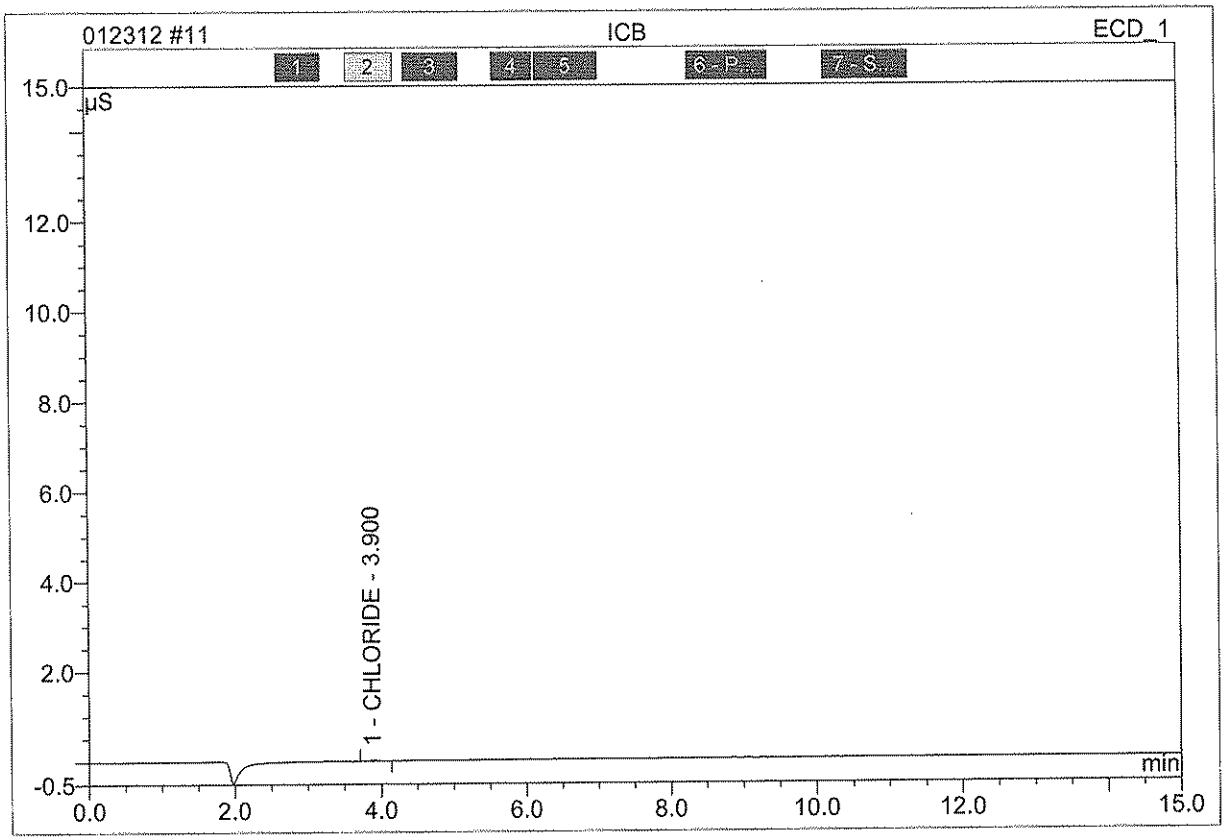
Sample Name:	**ICV 759991**	*Injection Volume:*	**10.0**
Vial Number:	**2**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 12:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.875	0.969	13.12	9.638	BMB
2	3.92	CHLORIDE	10.644	1.415	19.16	19.818	BMB
3	4.61	NITRITE	9.636	1.555	21.05	10.060	BMB
4	5.73	BROMIDE	1.453	0.284	3.84	10.510	BMB
5	6.57	NITRATE	7.204	1.627	22.04	10.579	BMB
6	8.84	PHOSPHATE	1.588	0.567	7.67	11.061	BMB
7	10.81	SULFATE	2.463	0.968	13.11	21.357	BMB
Total:			40.862	7.384	100.00	93.024	

11 ICB

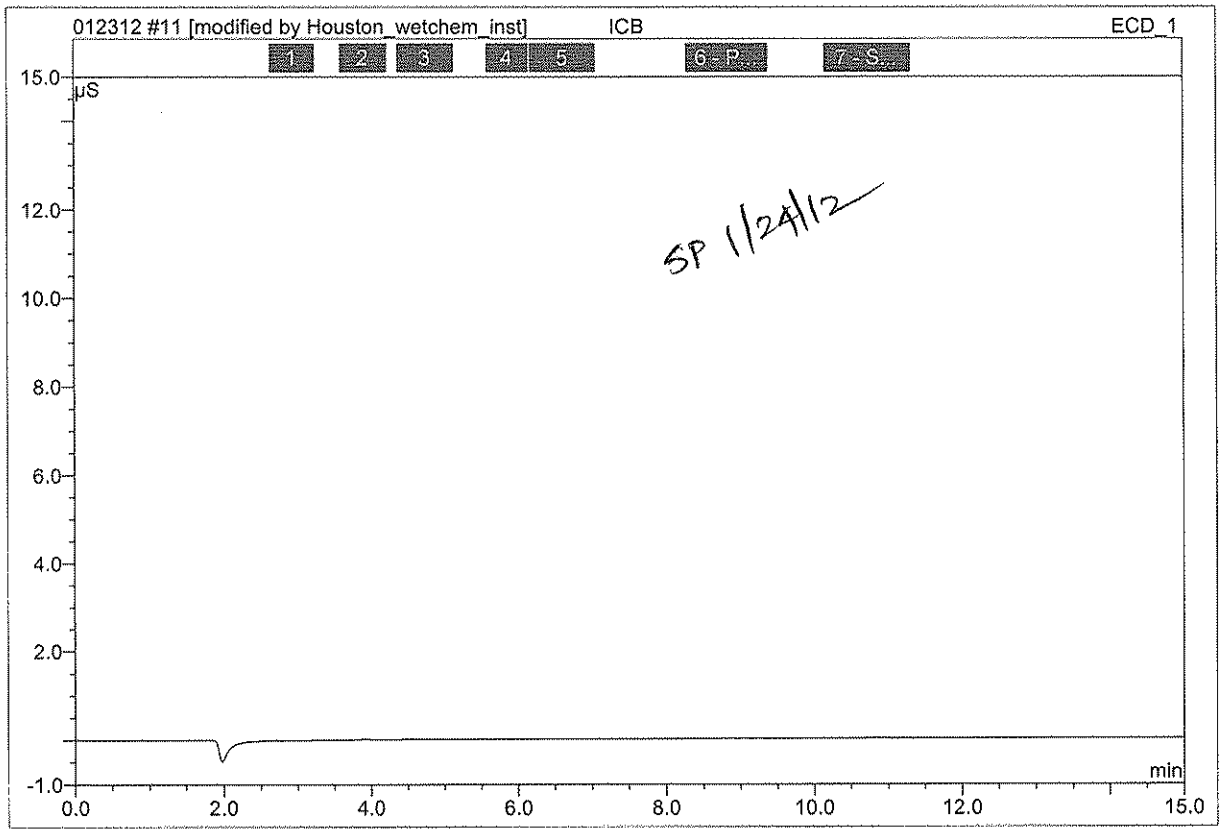
Sample Name:	**ICB**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 13:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.90	CHLORIDE	0.017	0.002	100.00	0.737	BMB
Total:			0.017	0.002	100.00	0.737	

11 ICB

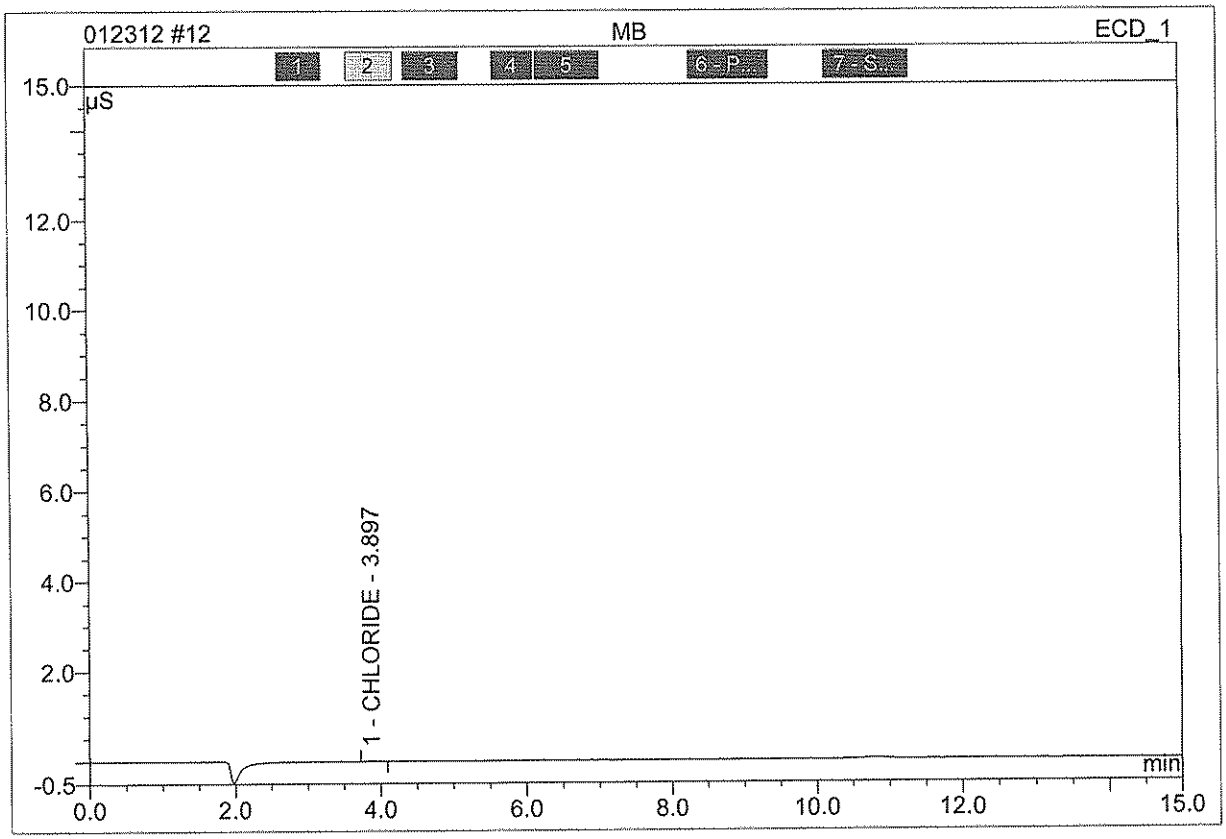
Sample Name:	**ICB**	*Injection Volume:*	**10.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 13:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

12 MB

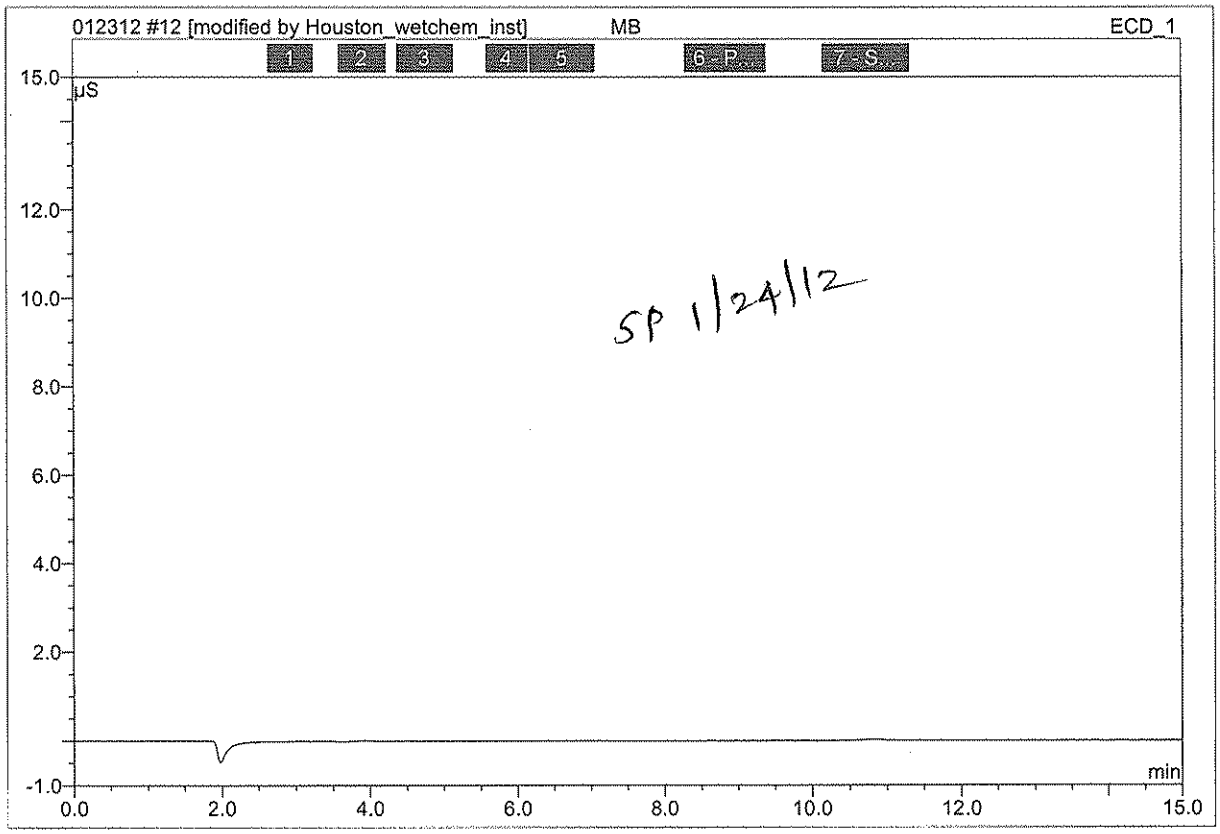
Sample Name:	**MB**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 13:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.90	CHLORIDE	0.016	0.002	100.00	0.736	BMB
Total:			0.016	0.002	100.00	0.736	

12 MB

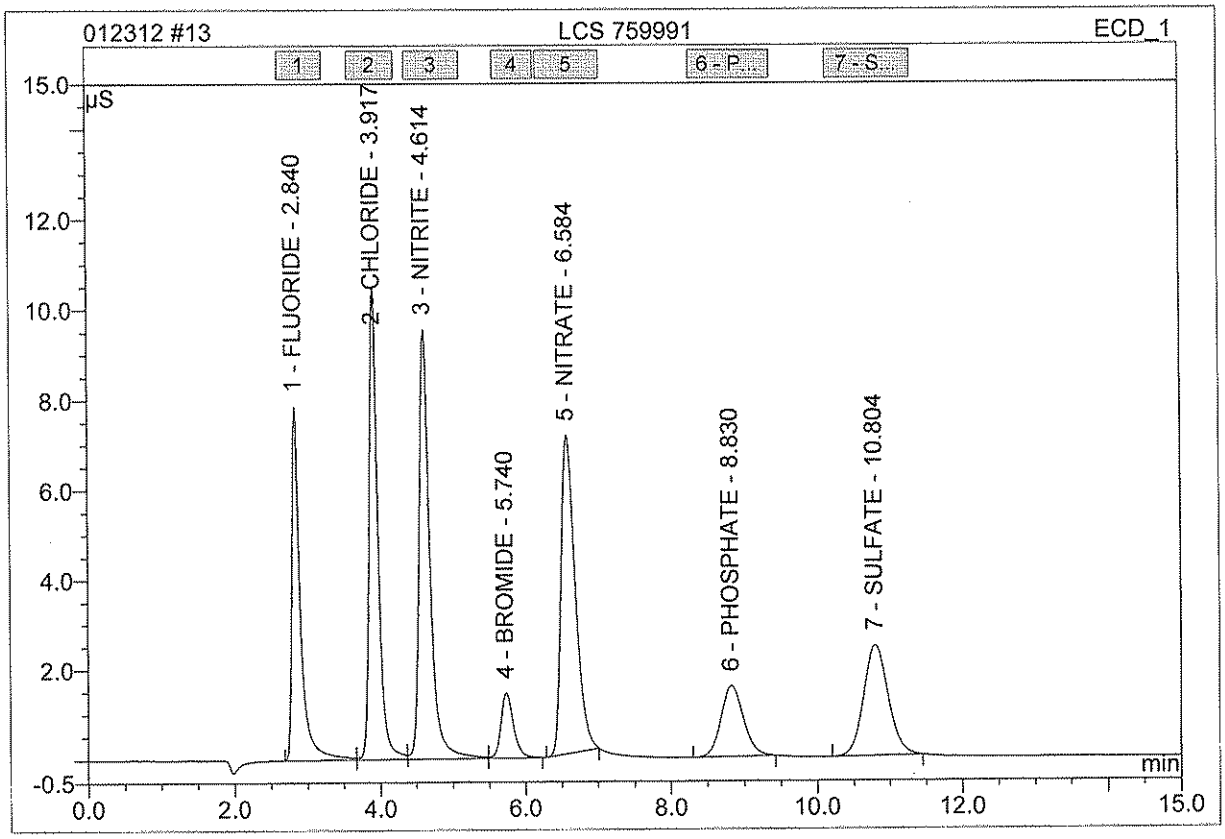
Sample Name:	**MB**	*Injection Volume:*	**10.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 13:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

13 LCS 759991

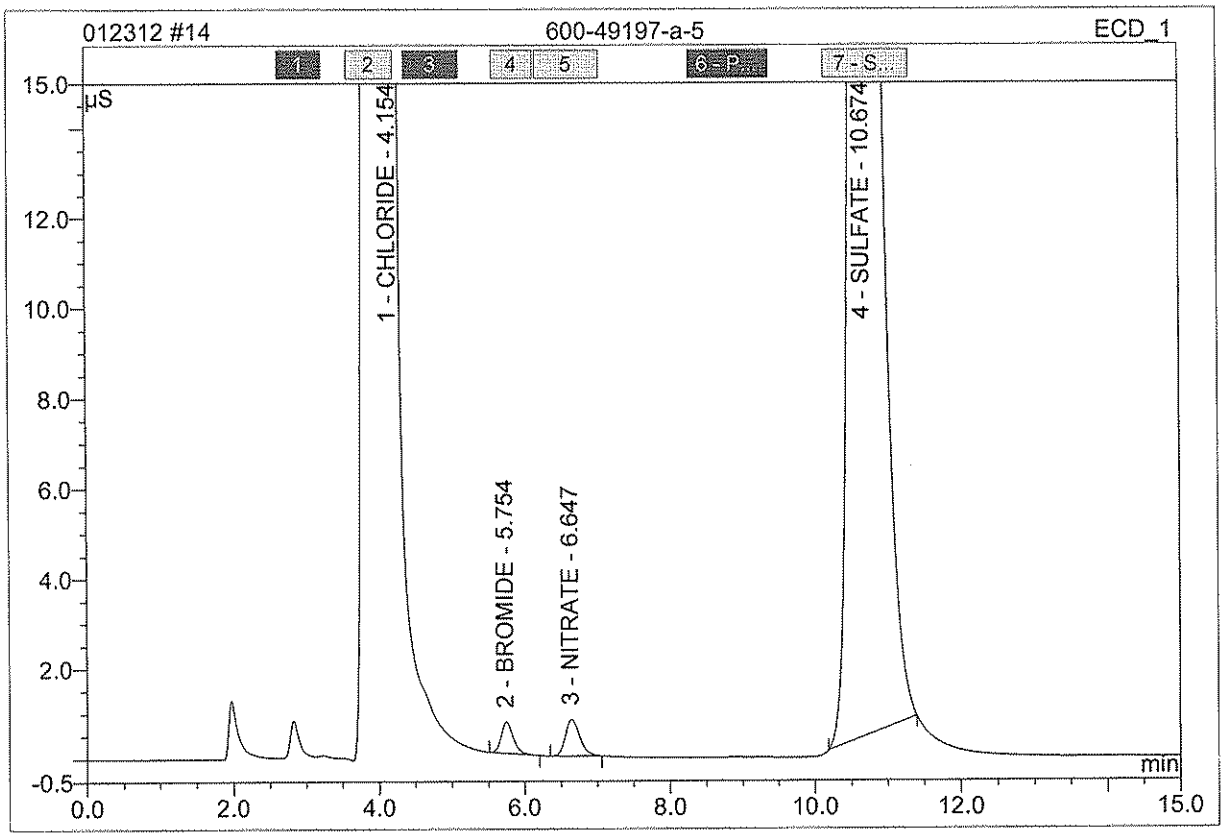
Sample Name:	**LCS 759991**	*Injection Volume:*	**10.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 13:42**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.871	1.067	14.05	10.591	BM
2	3.92	CHLORIDE	10.494	1.461	19.23	20.435	M
3	4.61	NITRITE	9.544	1.646	21.67	10.639	M
4	5.74	BROMIDE	1.437	0.287	3.78	10.649	MB
5	6.58	NITRATE	7.079	1.611	21.21	10.474	BMB
6	8.83	PHOSPHATE	1.571	0.561	7.38	10.943	BMB
7	10.80	SULFATE	2.446	0.963	12.68	21.247	BMB
Total:			40.442	7.595	100.00	94.978	

14 600-49197-a-5

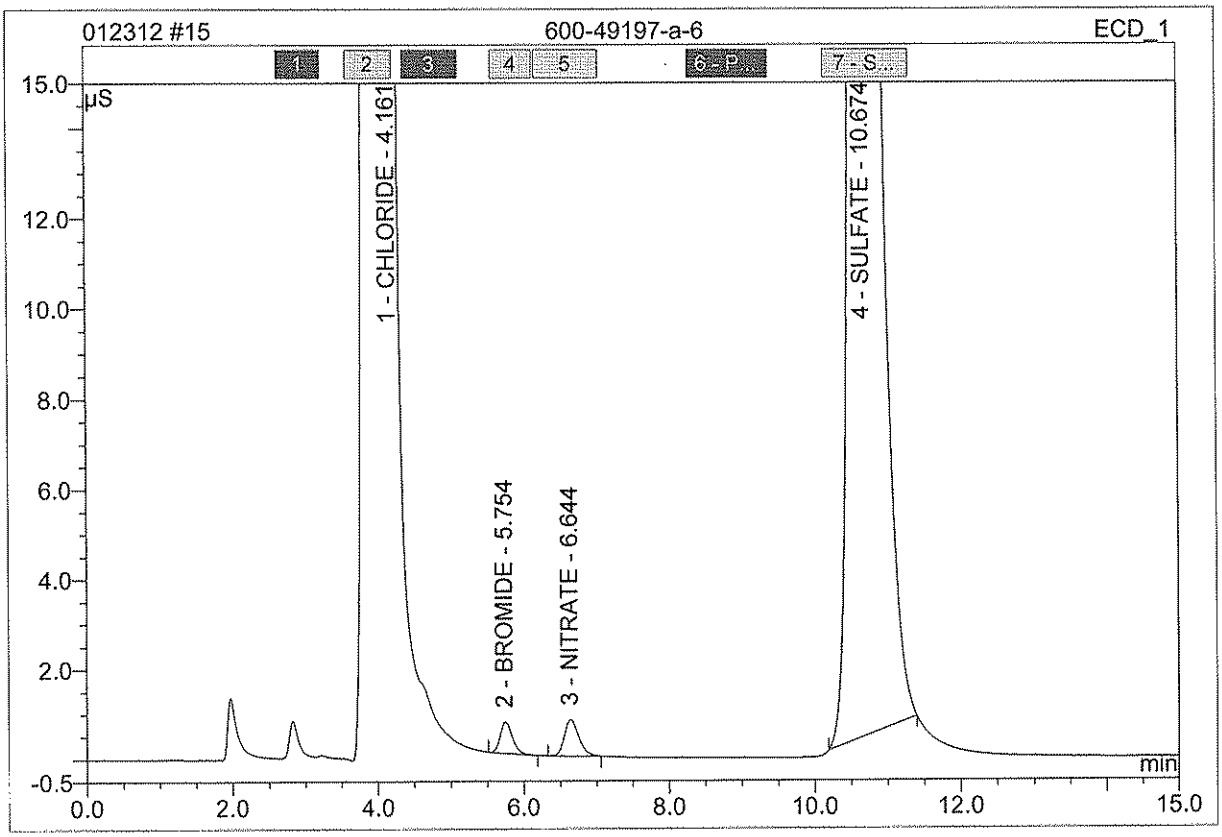
Sample Name:	**600-49197-a-5**	*Injection Volume:*	**10.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 14:00**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	4.15	CHLORIDE	122.228	10.946	35.89	148.579	BMB
2	5.75	BROMIDE	0.695	0.134	0.44	4.970	BMB
3	6.65	NITRATE	0.810	0.186	0.61	1.424	BMB
4	10.67	SULFATE	50.402	19.236	63.06	420.488	BMB
Total:			174.135	30.502	100.00	575.461	

15 600-49197-a-6

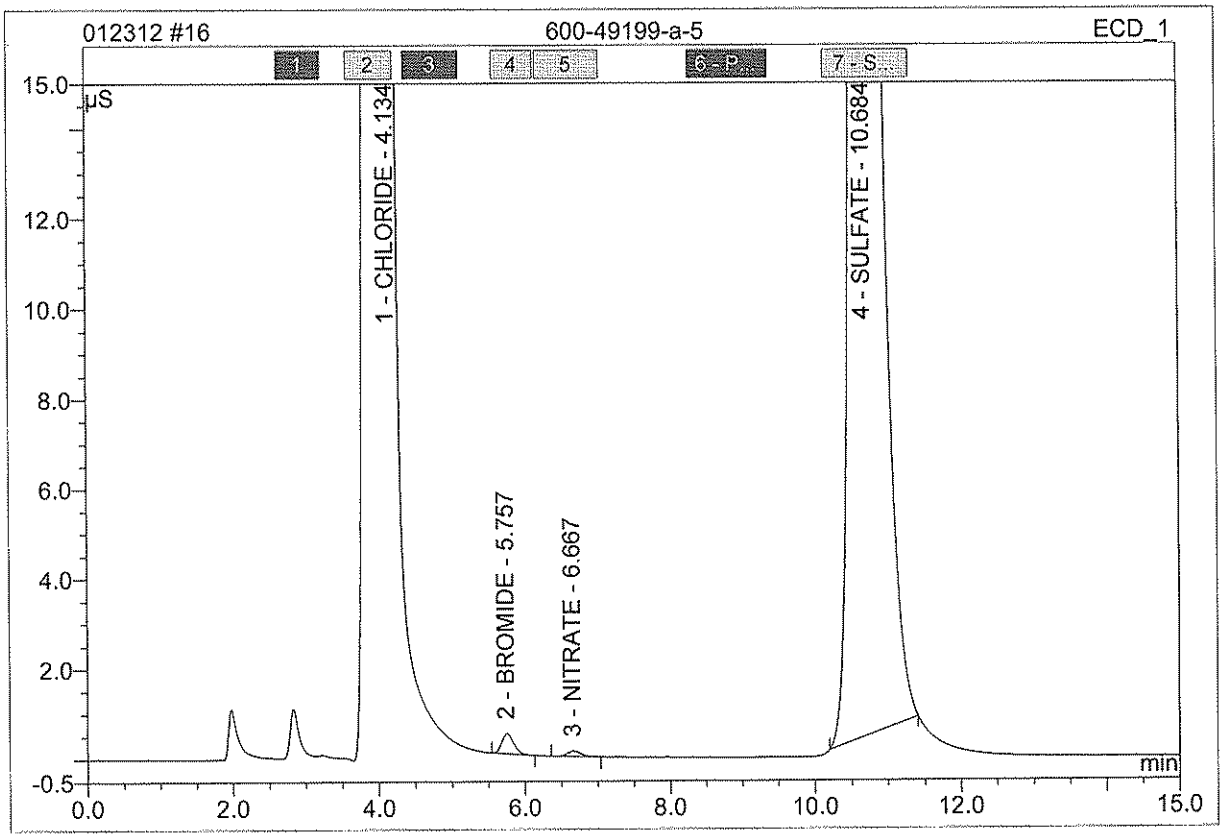
Sample Name:	**600-49197-a-6**	*Injection Volume:*	**10.0**
Vial Number:	**7**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 14:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	4.16	CHLORIDE	122.942	10.866	35.53	147.504	BMB
2	5.75	BROMIDE	0.699	0.134	0.44	4.986	BMB
3	6.64	NITRATE	0.811	0.187	0.61	1.425	BMB
4	10.67	SULFATE	50.796	19.395	63.42	423.976	BMB
Total:			175.247	30.582	100.00	577.892	

16 600-49199-a-5

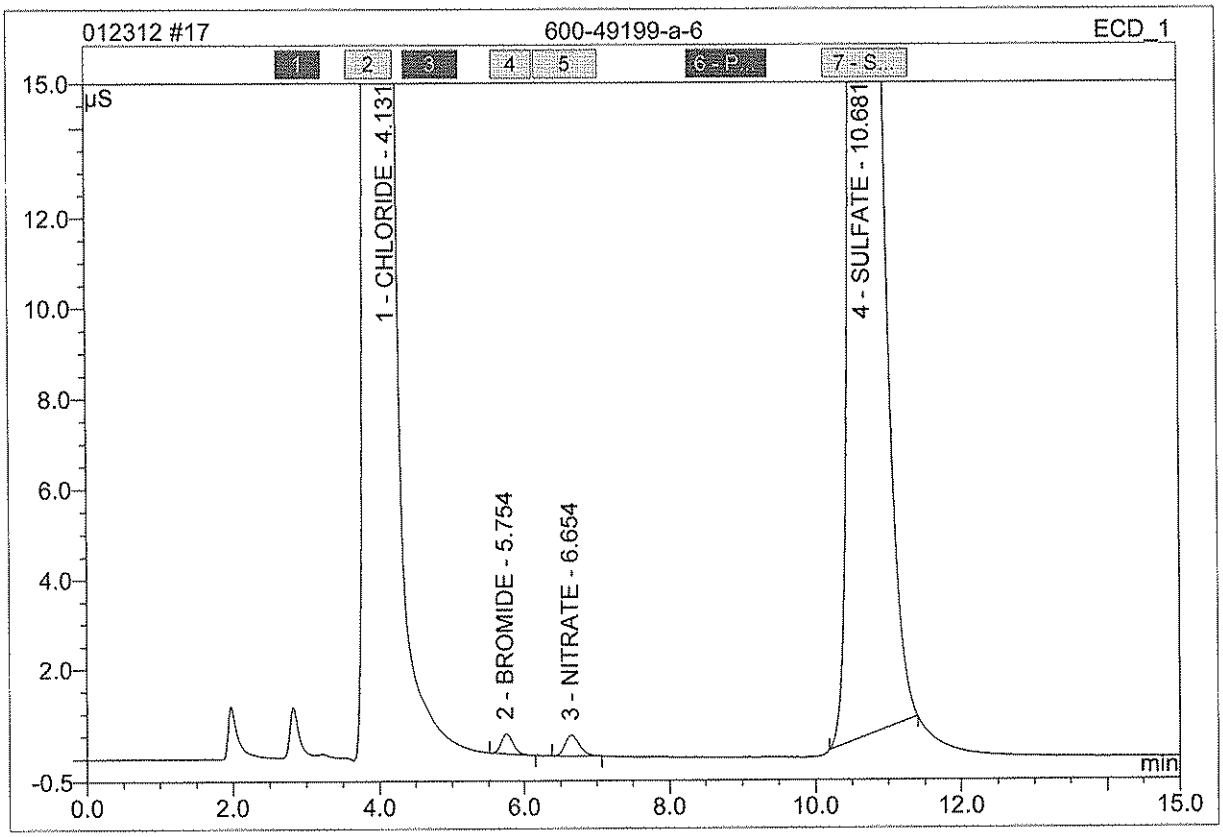
Sample Name:	**600-49199-a-5**	*Injection Volume:*	**10.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 14:36**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	4.13	CHLORIDE	111.745	9.695	33.64	131.676	BMB
2	5.76	BROMIDE	0.447	0.085	0.29	3.162	BMB
3	6.67	NITRATE	0.116	0.026	0.09	0.406	BMB
4	10.68	SULFATE	49.784	19.016	65.98	415.689	BMB
Total:			162.092	28.822	100.00	550.934	

17 600-49199-a-6

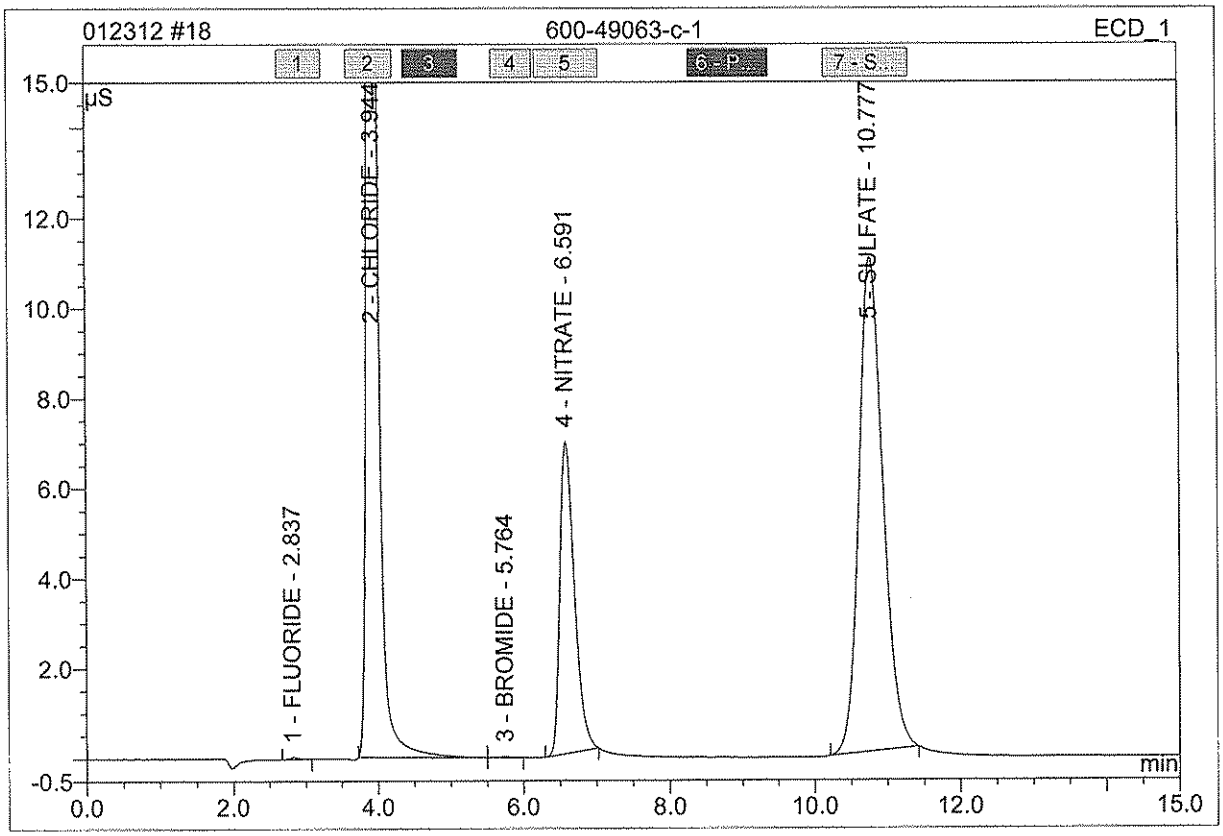
Sample Name:	**600-49199-a-6**	*Injection Volume:*	**10.0**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 14:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	4.13	CHLORIDE	112.245	9.766	33.60	132.642	BMB
2	5.75	BROMIDE	0.444	0.085	0.29	3.163	BMB
3	6.65	NITRATE	0.466	0.107	0.37	0.922	BMB
4	10.68	SULFATE	49.978	19.107	65.74	417.669	BMB
Total:			163.133	29.065	100.00	554.395	

18 600-49063-c-1

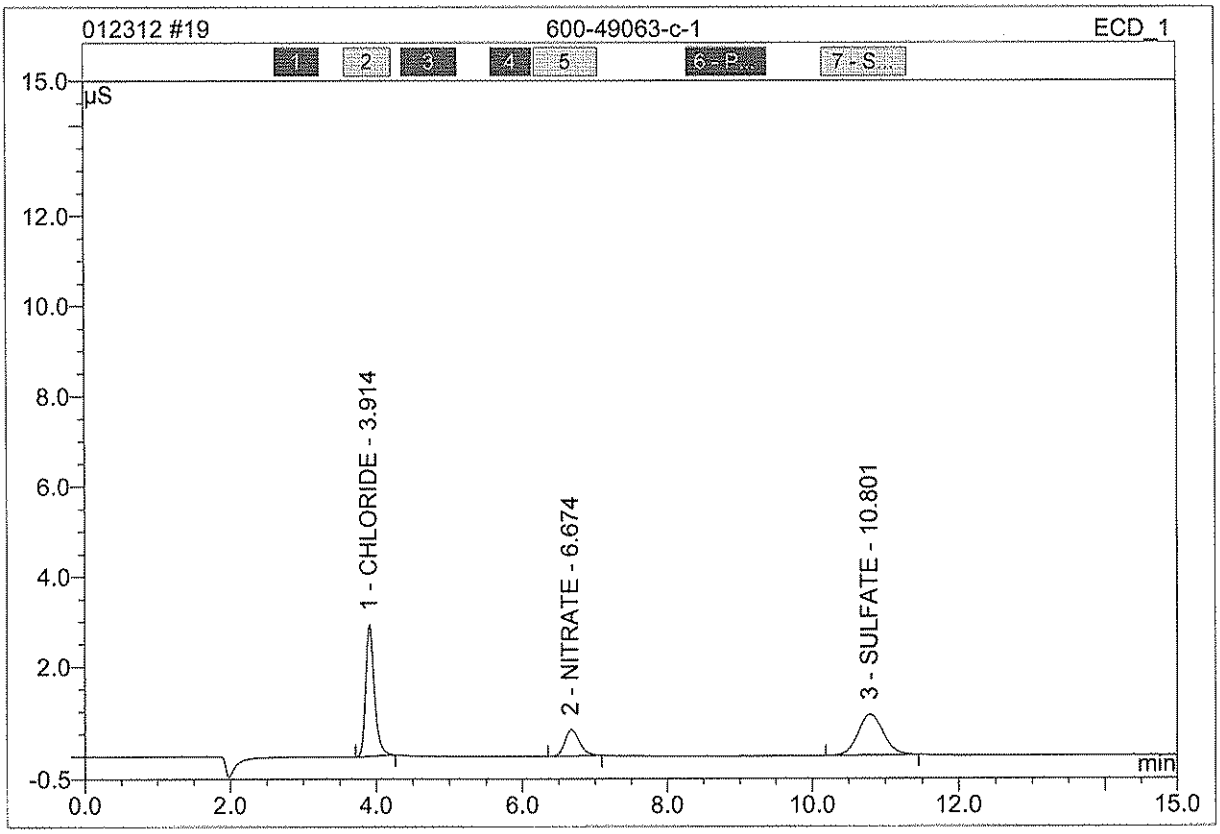
Sample Name:	**600-49063-c-1**	*Injection Volume:*	**10.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 15:12**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	0.047	0.006	0.06	0.291	BMB
2	3.94	CHLORIDE	40.607	5.644	49.33	76.954	BM
3	5.76	BROMIDE	0.022	0.005	0.04	0.224	MB
4	6.59	NITRATE	6.920	1.583	13.83	10.296	BMB
5	10.78	SULFATE	10.983	4.203	36.74	92.042	BMB
Total:			58.580	11.442	100.00	179.807	

19 600-49063-c-1

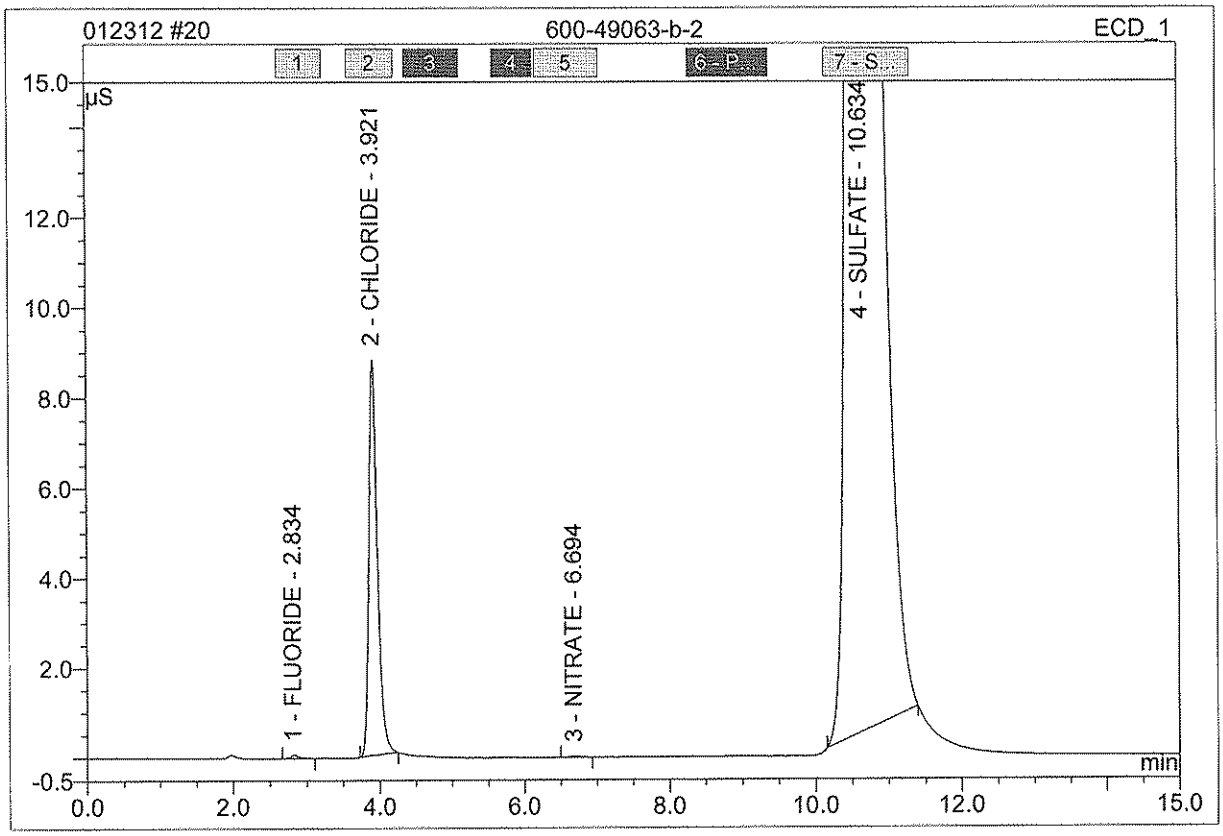
Sample Name:	**600-49063-c-1**	*Injection Volume:*	**10.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/23/2012 15:30**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.91	CHLORIDE	2.923	0.406	44.76	6.185	BMB
2	6.67	NITRATE	0.583	0.138	15.18	1.114	BMB
3	10.80	SULFATE	0.907	0.363	40.06	8.132	BMB
Total:			4.413	0.906	100.00	15.430	

20 600-49063-b-2

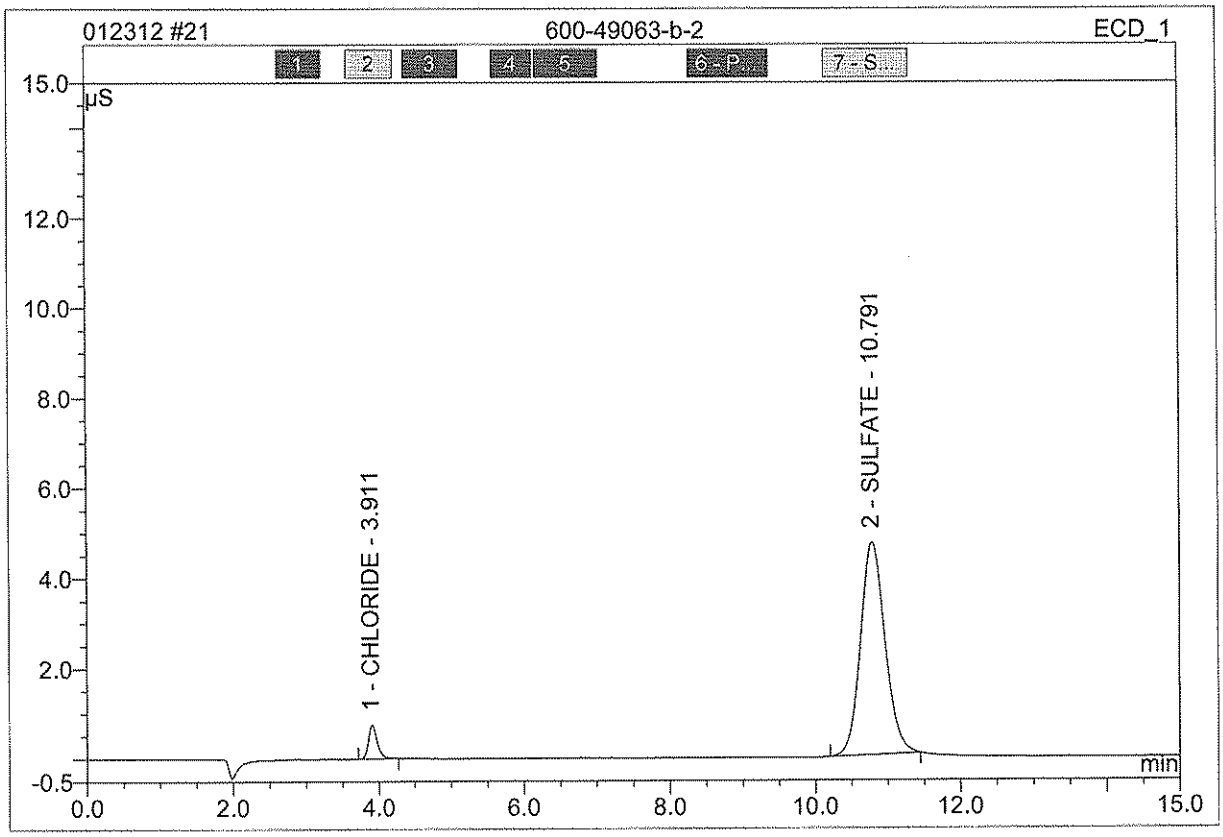
Sample Name:	**600-49063-b-2**	*Injection Volume:*	**10.0**
Vial Number:	**12**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 15:48**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.074	0.010	0.04	0.326	BMB
2	3.92	CHLORIDE	8.788	1.183	4.42	16.686	BMB
3	6.69	NITRATE	0.024	0.005	0.02	0.272	BMB
4	10.63	SULFATE	65.448	25.562	95.52	558.717	BMB
Total:			74.334	26.760	100.00	576.001	

21 600-49063-b-2

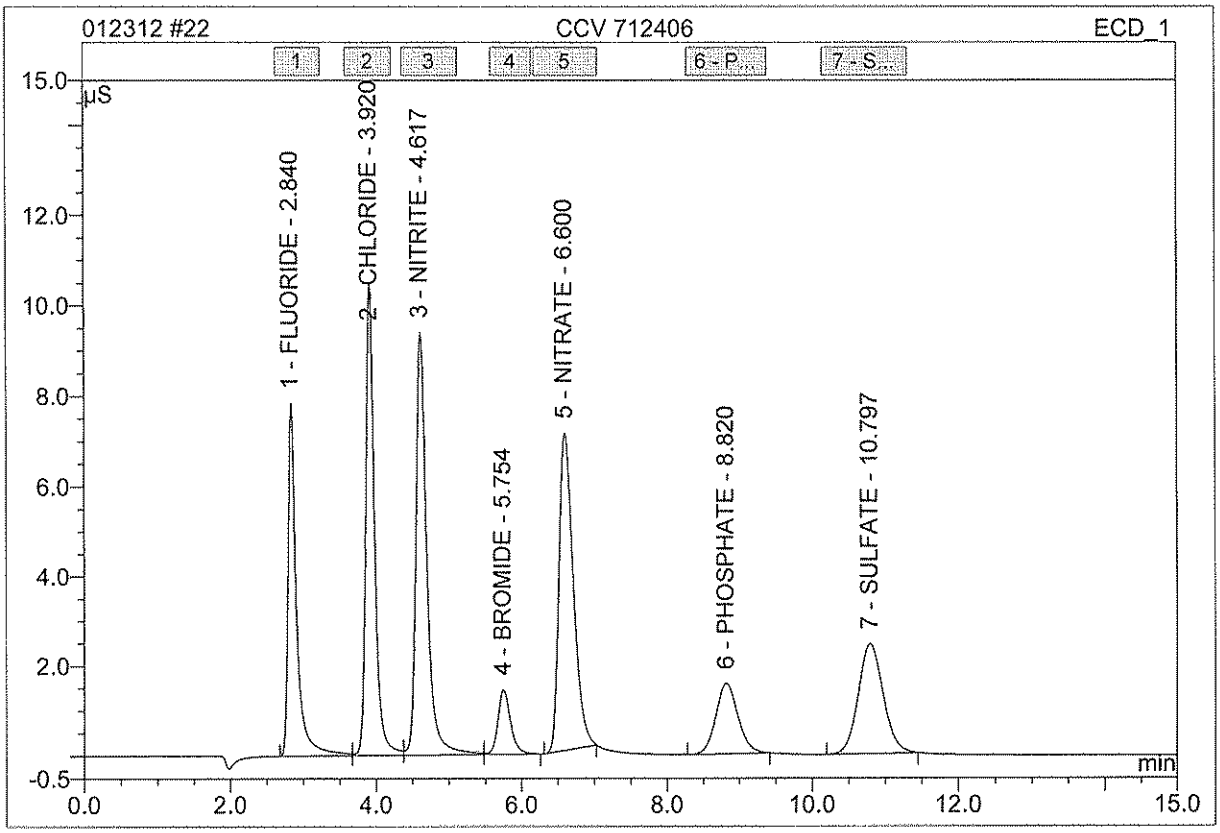
Sample Name:	**600-49063-b-2**	*Injection Volume:*	**10.0**
Vial Number:	**13**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/23/2012 16:05**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.91	CHLORIDE	0.751	0.105	5.41	2.128	BMB
2	10.79	SULFATE	4.694	1.841	94.59	40.417	BMB
Total:			5.444	1.946	100.00	42.545	

22 CCV 712406

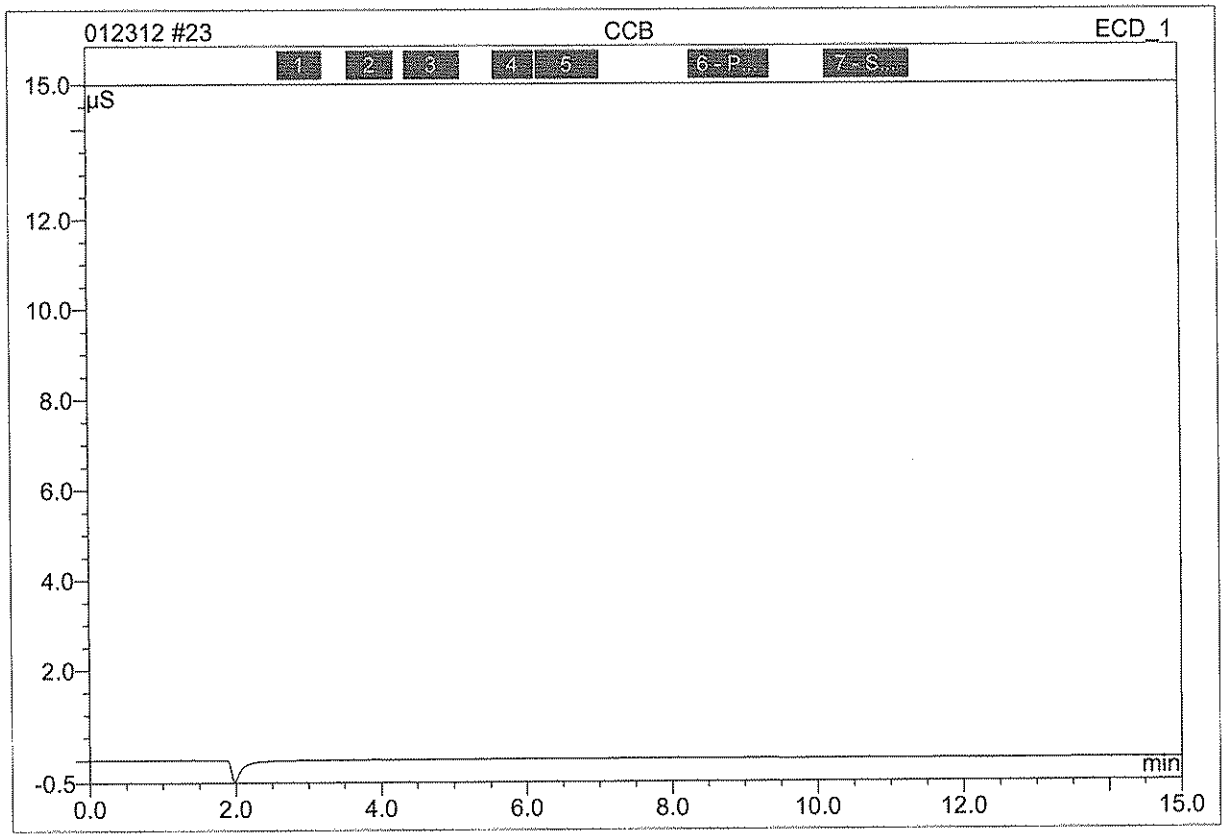
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**14**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 16:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.837	1.065	14.04	10.569	BM
2	3.92	CHLORIDE	10.478	1.463	19.29	20.465	M
3	4.62	NITRITE	9.385	1.631	21.51	10.544	M
4	5.75	BROMIDE	1.435	0.291	3.83	10.772	MB
5	6.60	NITRATE	7.063	1.614	21.28	10.492	BMB
6	8.82	PHOSPHATE	1.561	0.558	7.36	10.893	BMB
7	10.80	SULFATE	2.439	0.962	12.69	21.228	BMB
Total:			40.198	7.583	100.00	94.963	

23 CCB

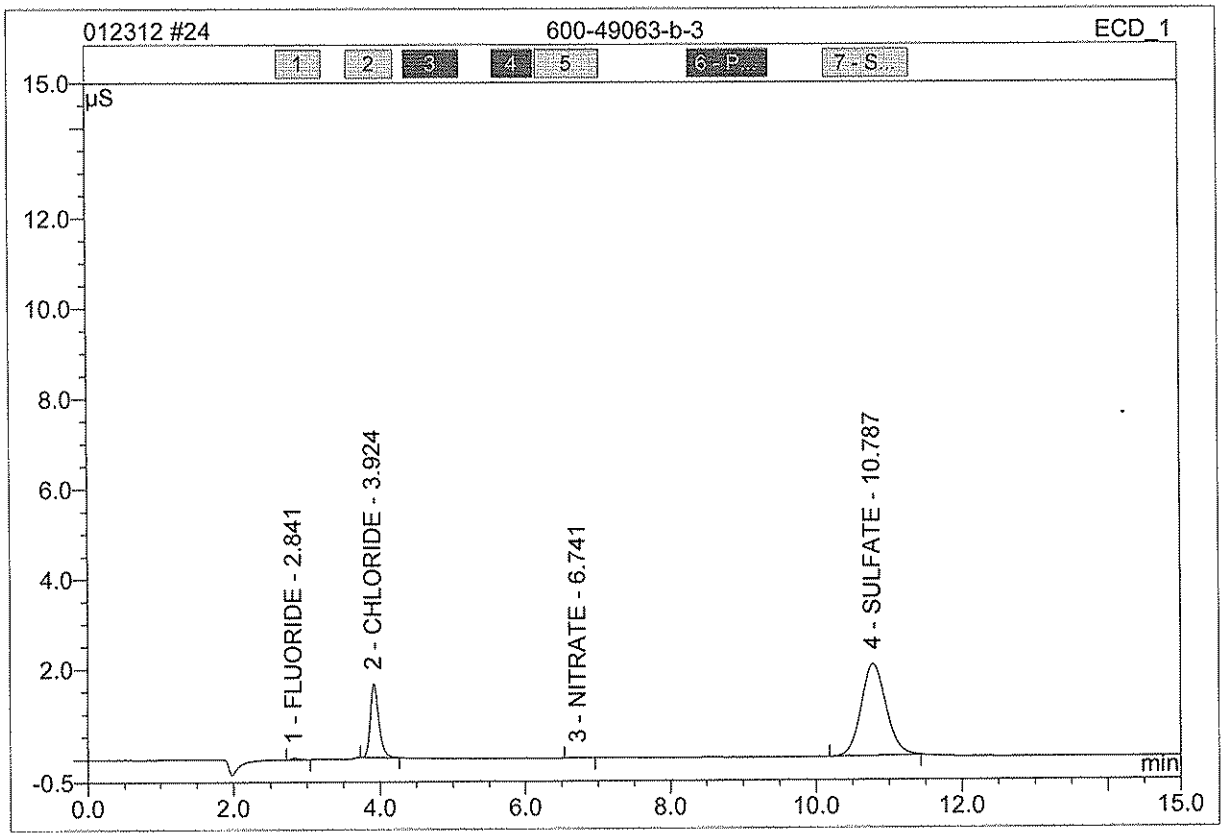
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**15**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 16:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

24 600-49063-b-3

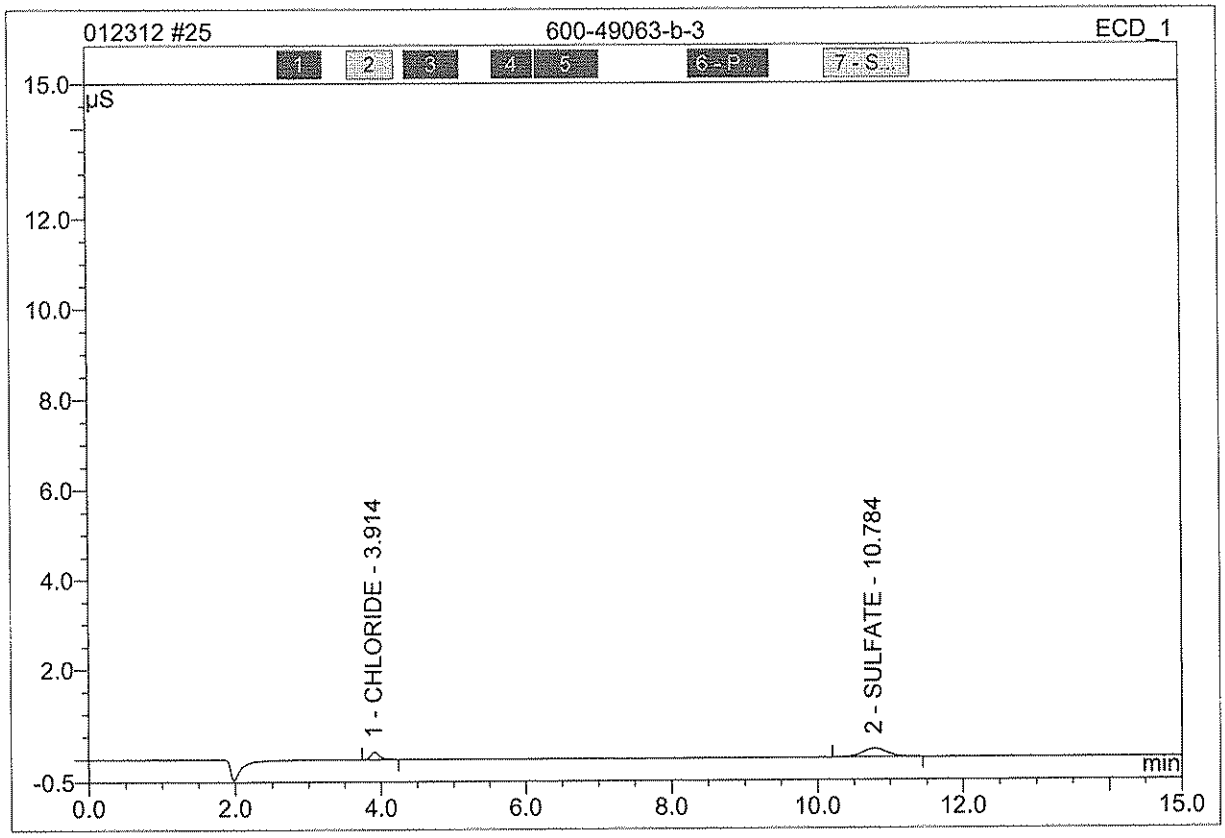
Sample Name:	**600-49063-b-3**	*Injection Volume:*	**10.0**
Vial Number:	**16**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 16:59**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	0.040	0.005	0.49	0.278	BMB
2	3.92	CHLORIDE	1.626	0.220	21.25	3.670	BMB
3	6.74	NITRATE	0.015	0.003	0.30	0.260	BMB
4	10.79	SULFATE	2.027	0.805	77.96	17.798	BMB
Total:			3.708	1.033	100.00	22.007	

25 600-49063-b-3

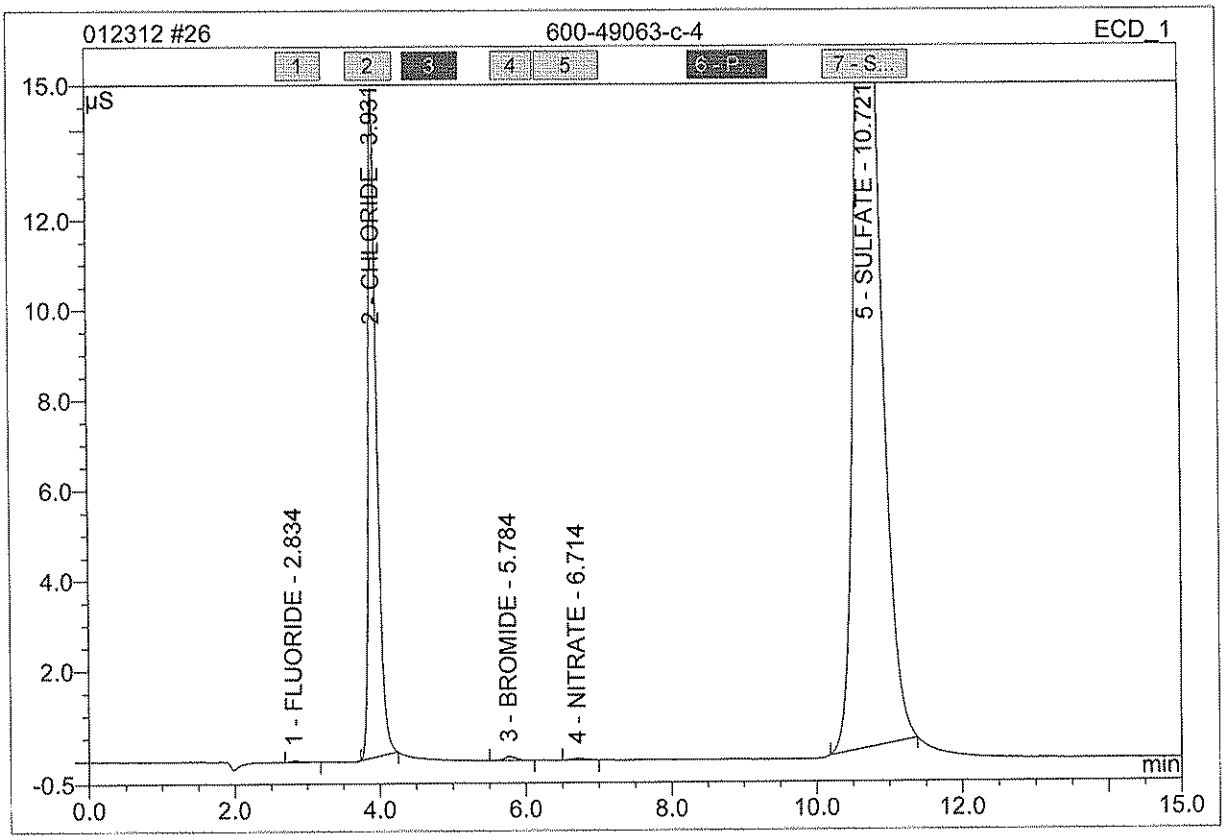
Sample Name:	**600-49063-b-3**	*Injection Volume:*	**10.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/23/2012 17:17**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.91	CHLORIDE	0.162	0.023	23.42	1.016	BMB
2	10.78	SULFATE	0.186	0.075	76.58	1.845	BMB
Total:			0.349	0.098	100.00	2.861	

26 600-49063-c-4

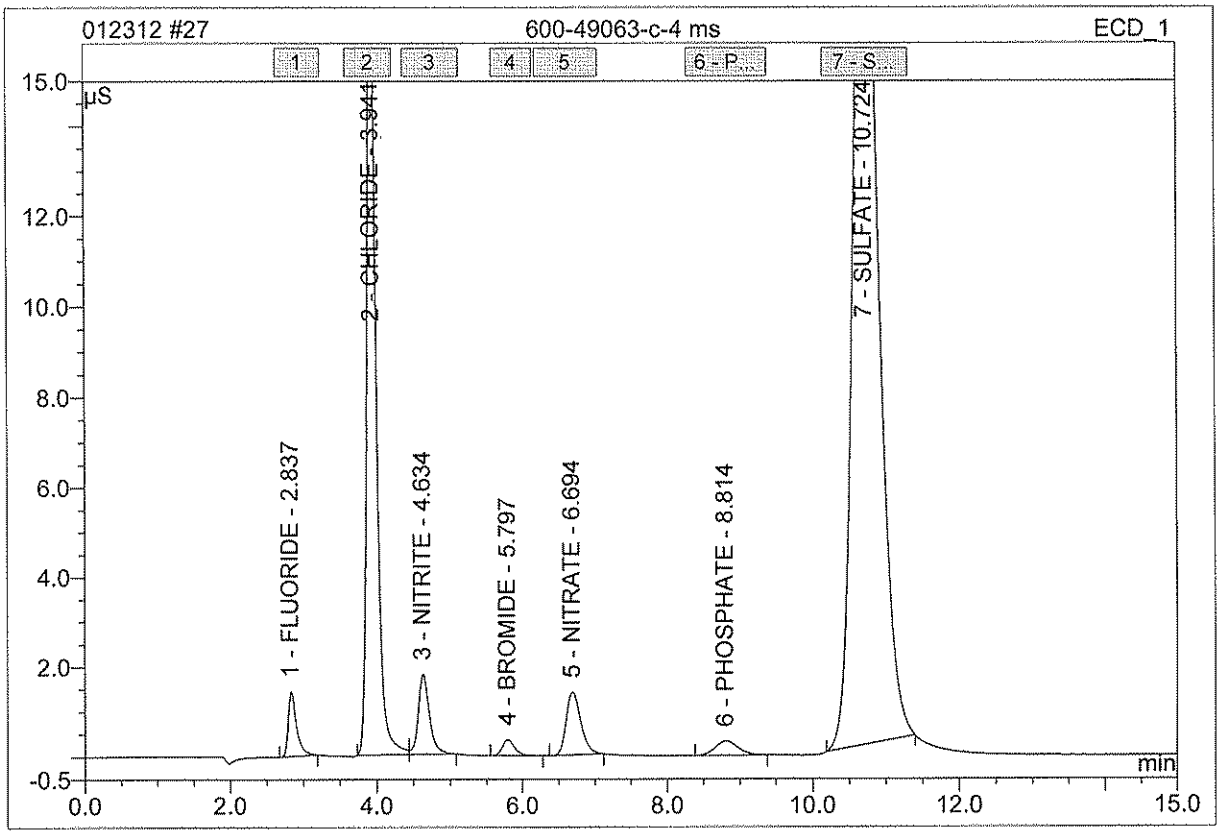
Sample Name:	**600-49063-c-4**	*Injection Volume:*	**10.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 17:35**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.039	0.006	0.05	0.283	BMB
2	3.93	CHLORIDE	14.839	1.967	18.15	27.274	BMB
3	5.78	BROMIDE	0.083	0.017	0.16	0.672	BMB
4	6.71	NITRATE	0.042	0.010	0.09	0.301	BMB
5	10.72	SULFATE	23.332	8.837	81.55	193.292	BMB
Total:			38.335	10.836	100.00	221.822	

27 600-49063-c-4 ms

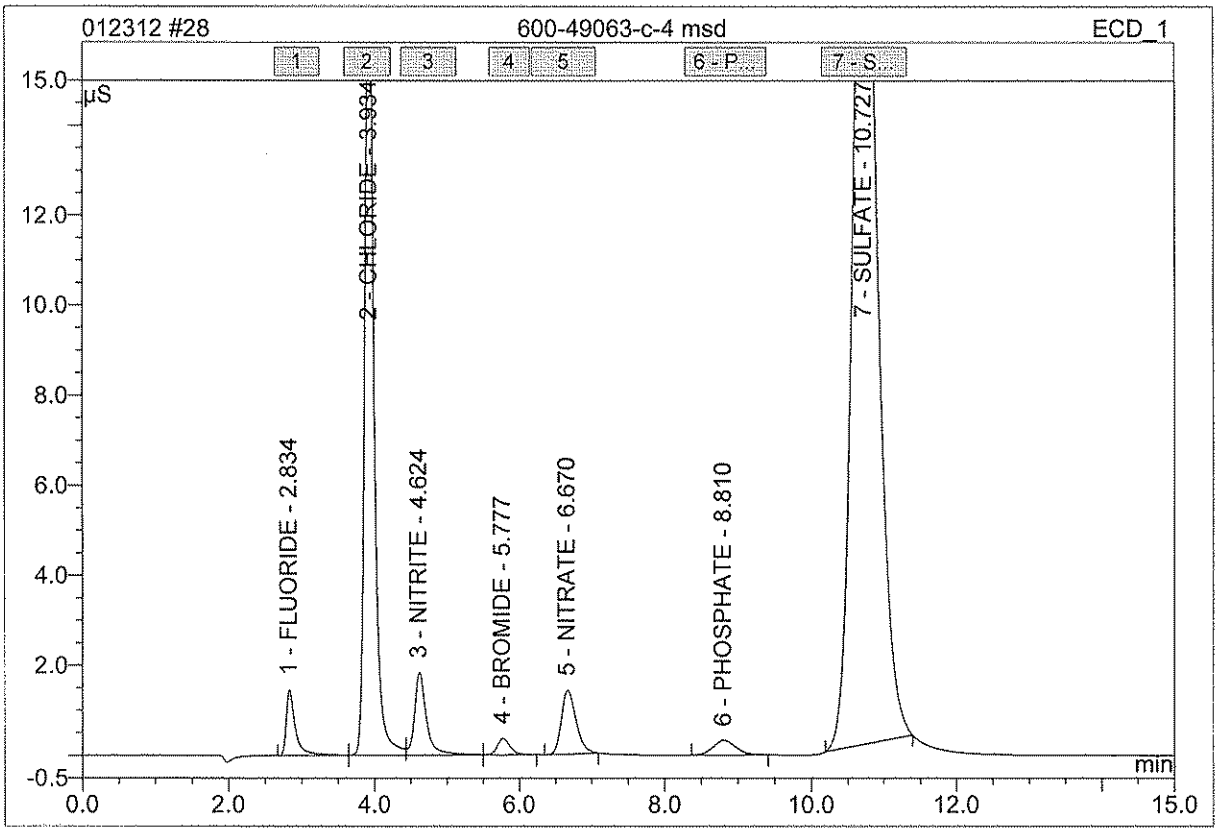
Sample Name:	**600-49063-c-4 ms**	*Injection Volume:*	**10.0**
Vial Number:	**19**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 17:53**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	1.440	0.191	1.57	2.087	BMB
2	3.94	CHLORIDE	19.833	2.704	22.18	37.235	BM
3	4.63	NITRITE	1.776	0.314	2.58	2.210	MB
4	5.80	BROMIDE	0.356	0.072	0.59	2.718	BMB
5	6.69	NITRATE	1.395	0.327	2.68	2.319	BMB
6	8.81	PHOSPHATE	0.320	0.116	0.96	2.469	BMB
7	10.72	SULFATE	22.332	8.466	69.44	185.185	BMB
Total:			47.452	12.192	100.00	234.223	

28 600-49063-c-4 msd

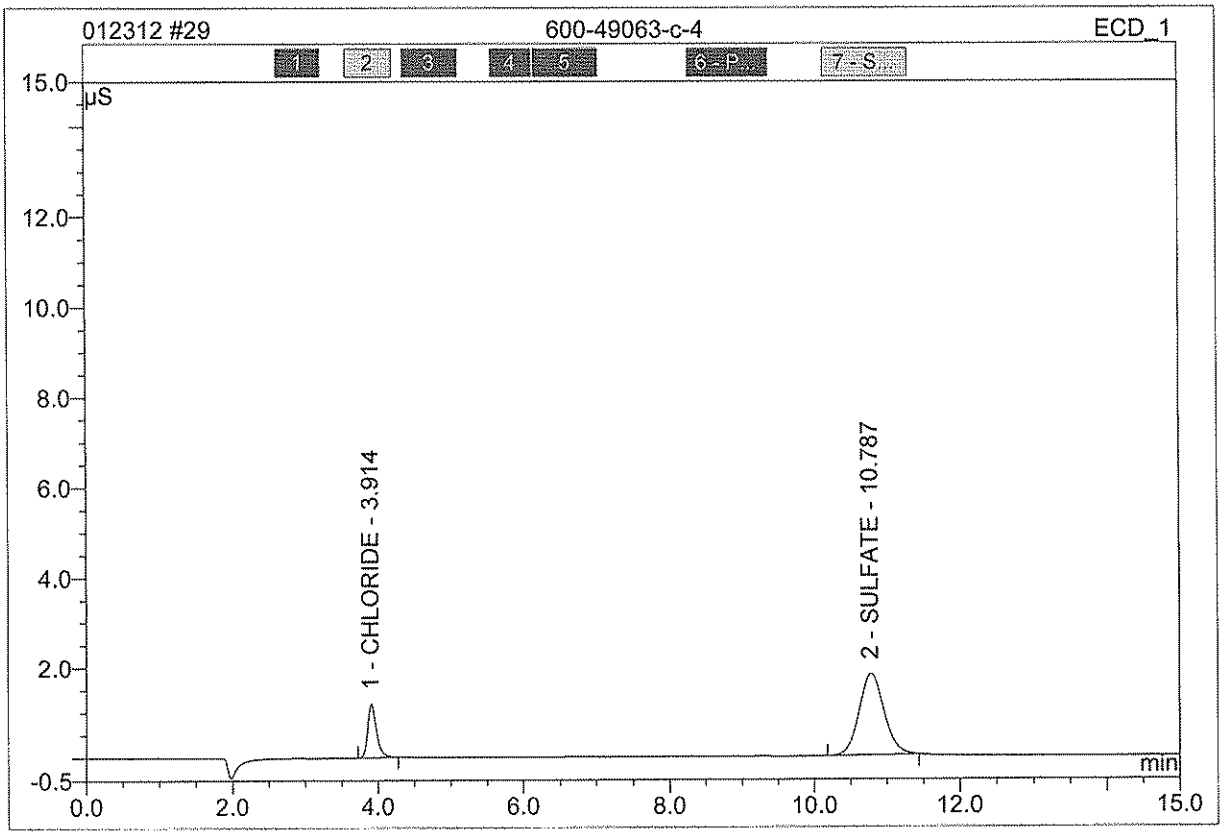
Sample Name:	**600-49063-c-4 msd**	*Injection Volume:*	**10.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 18:11**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	1.464	0.214	1.74	2.308	BM
2	3.93	CHLORIDE	19.935	2.740	22.28	37.715	M
3	4.62	NITRITE	1.834	0.353	2.87	2.456	M
4	5.78	BROMIDE	0.366	0.076	0.61	2.830	MB
5	6.67	NITRATE	1.416	0.332	2.70	2.351	BMB
6	8.81	PHOSPHATE	0.323	0.117	0.95	2.486	BMB
7	10.73	SULFATE	22.363	8.466	68.84	185.187	BMB
Total:			47.701	12.299	100.00	235.334	

29 600-49063-c-4

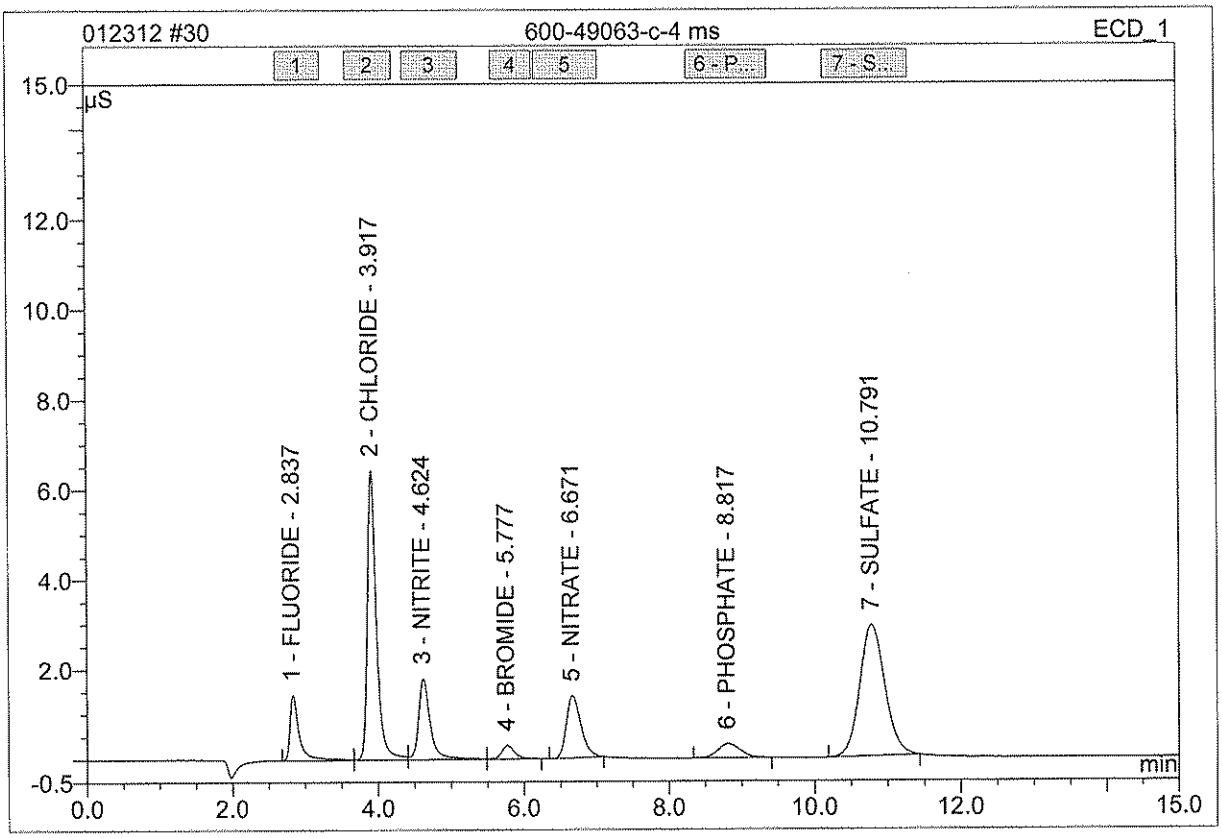
Sample Name:	**600-49063-c-4**	*Injection Volume:*	**10.0**
Vial Number:	**21**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/23/2012 18:29**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.91	CHLORIDE	1.188	0.167	18.88	2.967	BMB
2	10.79	SULFATE	1.802	0.719	81.12	15.918	BMB
Total:			2.990	0.887	100.00	18.885	

30 600-49063-c-4 ms

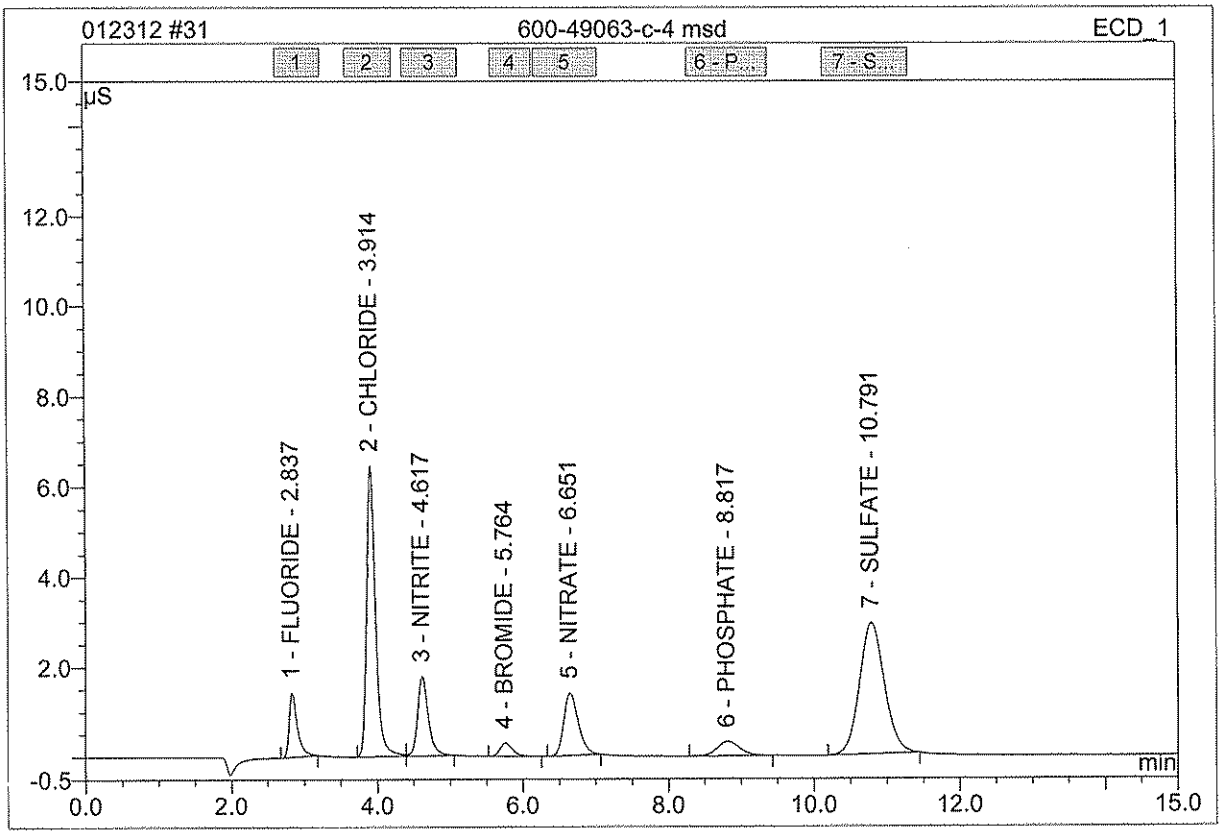
Sample Name:	**600-49063-c-4 ms**	*Injection Volume:*	**10.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/23/2012 18:47**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	1.443	0.215	6.88	2.316	BM
2	3.92	CHLORIDE	6.427	0.918	29.41	13.109	M
3	4.62	NITRITE	1.794	0.337	10.79	2.352	M
4	5.78	BROMIDE	0.299	0.063	2.03	2.384	MB
5	6.67	NITRATE	1.371	0.322	10.31	2.285	BMB
6	8.82	PHOSPHATE	0.317	0.115	3.70	2.450	BMB
7	10.79	SULFATE	2.907	1.152	36.88	25.362	BMB
Total:			14.557	3.122	100.00	50.259	

31 600-49063-c-4 msd

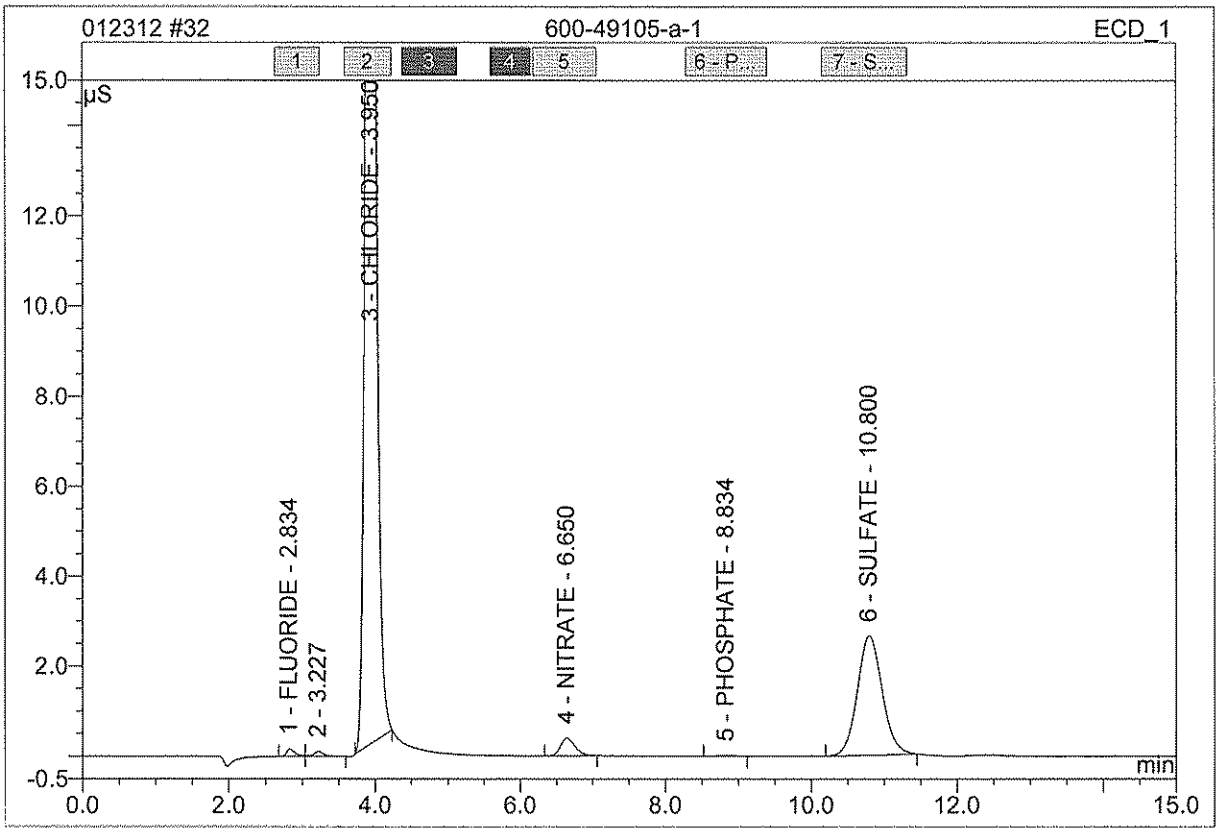
Sample Name:	**600-49063-c-4 msd**	*Injection Volume:*	**10.0**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/23/2012 19:05**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	1.436	0.189	6.18	2.061	BMB
2	3.91	CHLORIDE	6.453	0.904	29.63	12.914	BM
3	4.62	NITRITE	1.766	0.304	9.95	2.141	MB
4	5.76	BROMIDE	0.294	0.060	1.96	2.247	BMB
5	6.65	NITRATE	1.391	0.325	10.66	2.305	BMB
6	8.82	PHOSPHATE	0.320	0.117	3.83	2.476	BMB
7	10.79	SULFATE	2.921	1.153	37.80	25.392	BMB
Total:			14.581	3.050	100.00	49.536	

32 600-49105-a-1

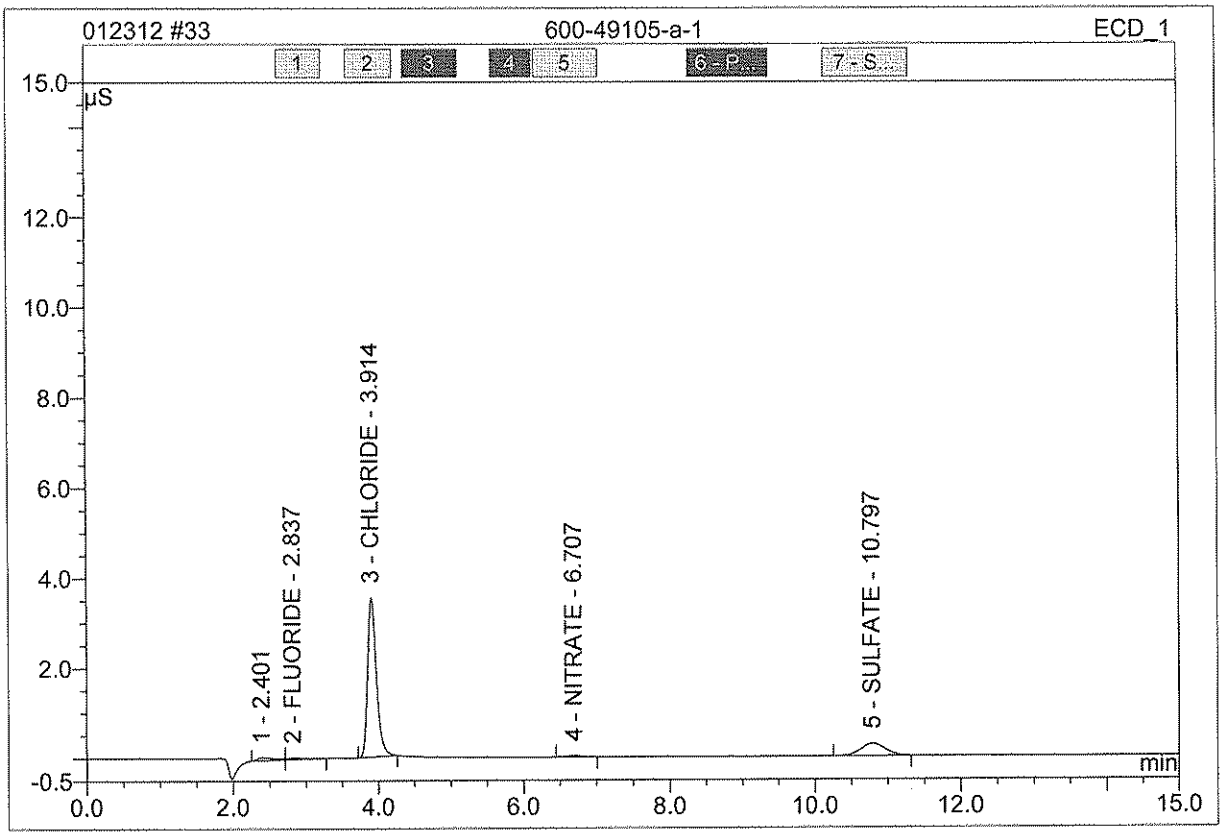
Sample Name:	**600-49105-a-1**	*Injection Volume:*	**10.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 19:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.83	FLUORIDE	0.167	0.023	0.34	0.455	BM
2	3.23	n.a.	0.118	0.020	0.29	n.a.	MB
3	3.95	CHLORIDE	43.201	5.712	82.79	77.868	BMB
4	6.65	NITRATE	0.394	0.092	1.33	0.824	BMB
5	8.83	PHOSPHATE	0.015	0.005	0.07	0.341	BMB
6	10.80	SULFATE	2.650	1.047	15.18	23.078	BMB
Total:			46.545	6.899	100.00	102.566	

33 600-49105-a-1

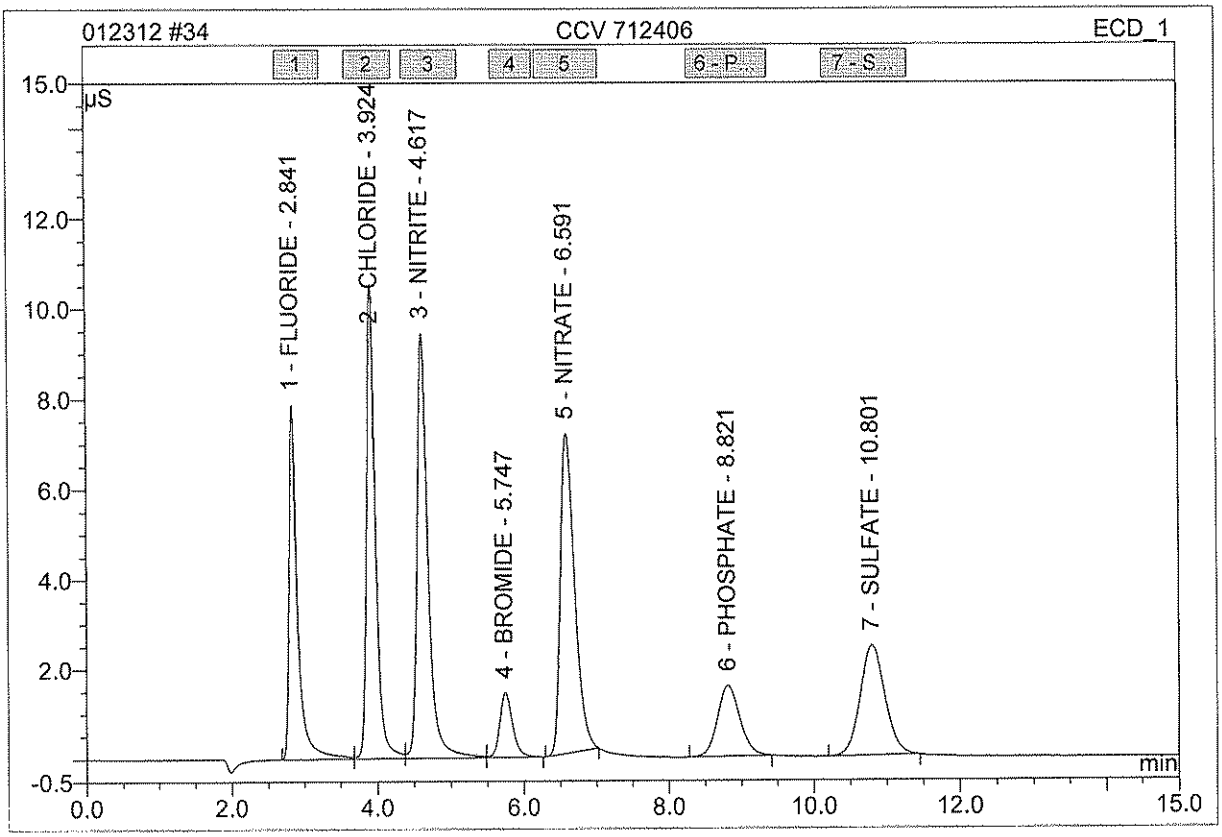
Sample Name:	**600-49105-a-1**	*Injection Volume:*	**10.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 19:41**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.40	n.a.	0.061	0.018	2.84	n.a.	BM
2	2.84	FLUORIDE	0.040	0.010	1.59	0.327	MB
3	3.91	CHLORIDE	3.540	0.488	77.39	7.301	BMB
4	6.71	NITRATE	0.035	0.008	1.26	0.290	BMB
5	10.80	SULFATE	0.271	0.107	16.92	2.532	BMB
Total:			3.946	0.631	100.00	10.450	

34 CCV 712406

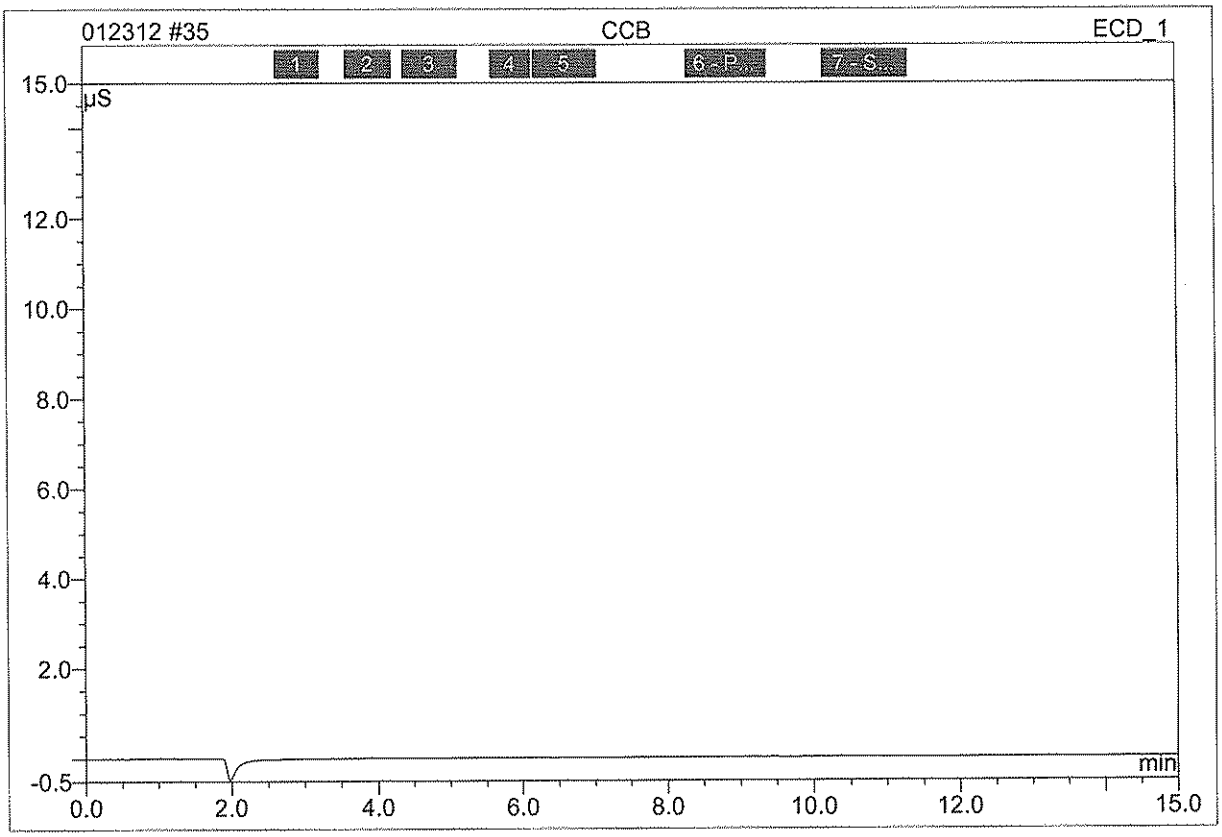
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 19:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.866	1.067	14.01	10.588	BM
2	3.92	CHLORIDE	10.527	1.472	19.33	20.586	M
3	4.62	NITRITE	9.435	1.633	21.45	10.557	M
4	5.75	BROMIDE	1.438	0.289	3.79	10.707	MB
5	6.59	NITRATE	7.104	1.623	21.32	10.551	BMB
6	8.82	PHOSPHATE	1.572	0.563	7.39	10.990	BMB
7	10.80	SULFATE	2.452	0.968	12.71	21.342	BMB
Total:			40.393	7.614	100.00	95.321	

35 CCB

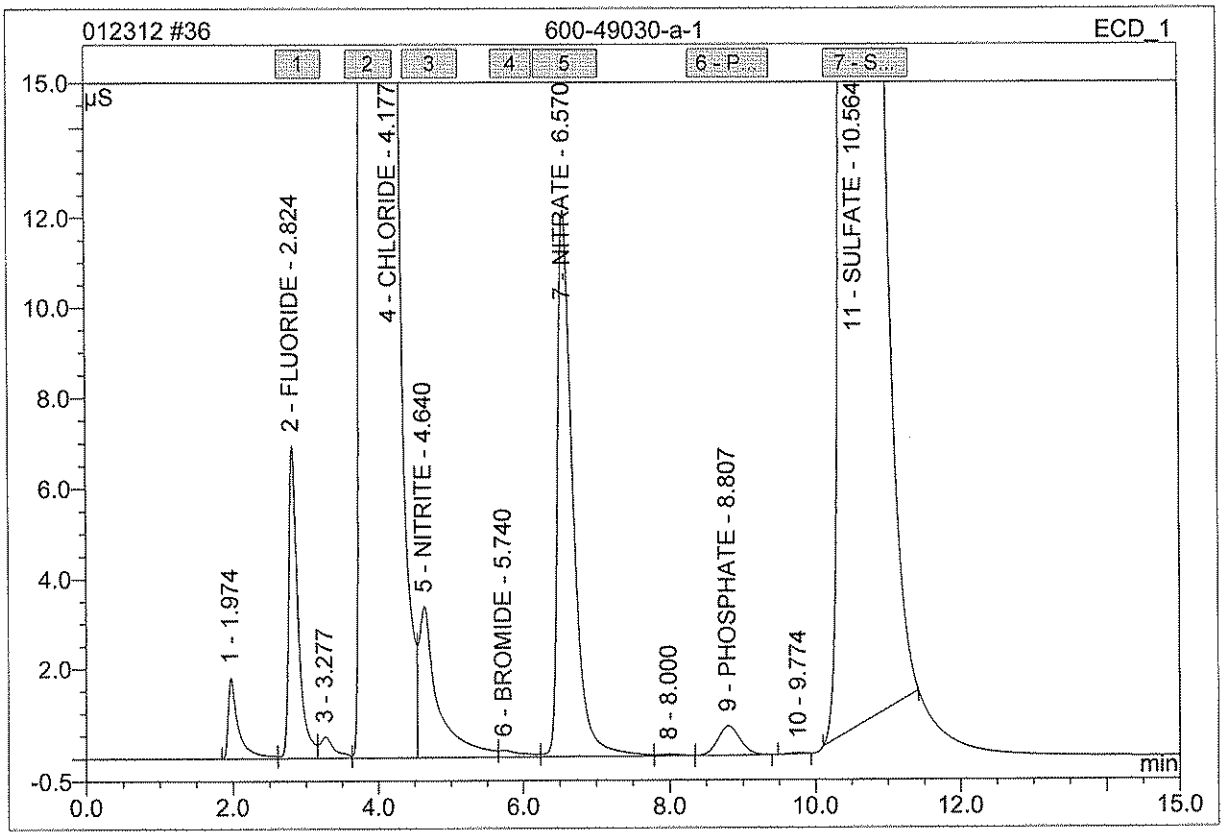
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 20:16**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

36 600-49030-a-1

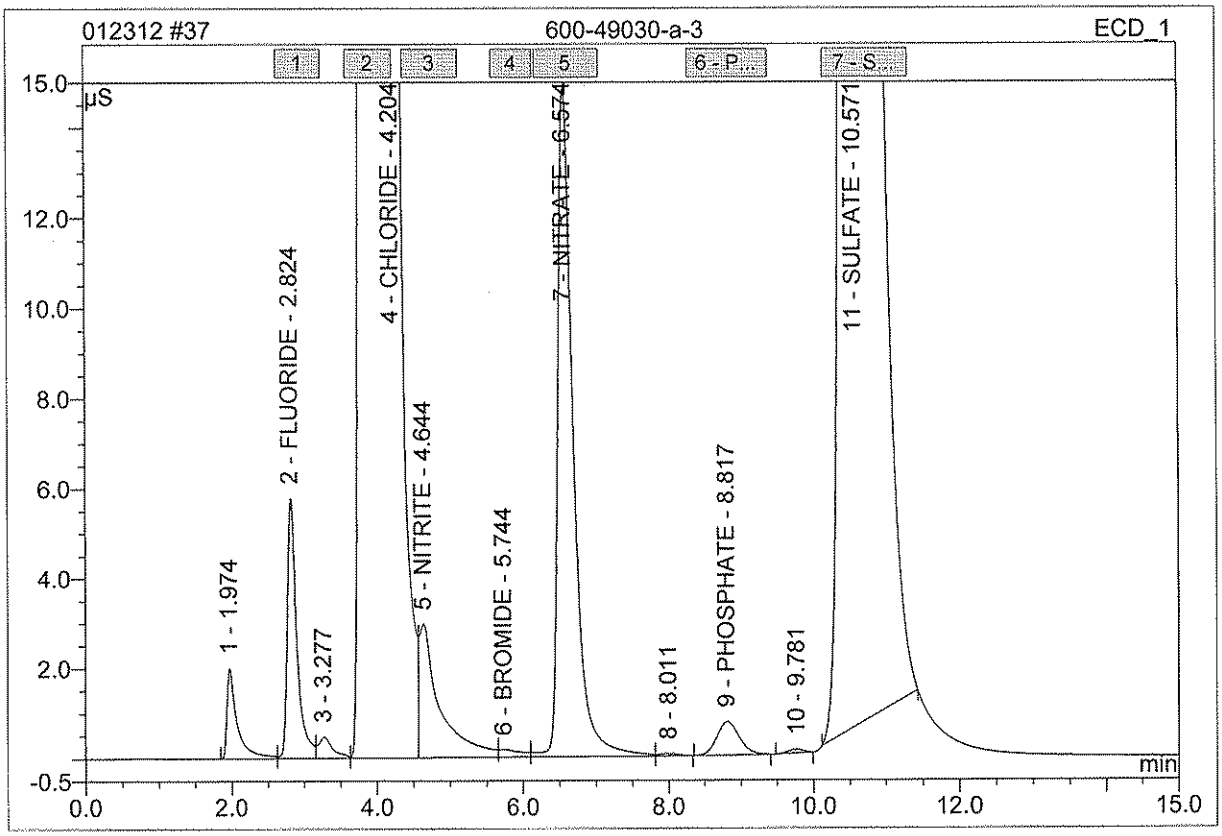
Sample Name:	**600-49030-a-1**	*Injection Volume:*	**10.0**
Vial Number:	**28**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 20:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.97	n.a.	1.805	0.294	0.23	n.a.	BM
2	2.82	FLUORIDE	6.931	1.034	0.82	10.274	M
3	3.28	n.a.	0.472	0.109	0.09	n.a.	M
4	4.18	CHLORIDE	287.337	81.280	64.11	1098.762	M
5	4.64	NITRITE	3.361	1.019	0.80	6.673	M
6	5.74	BROMIDE	0.140	0.052	0.04	1.978	M
7	6.57	NITRATE	12.129	2.954	2.33	19.008	M
8	8.00	n.a.	0.038	0.012	0.01	n.a.	MB
9	8.81	PHOSPHATE	0.650	0.231	0.18	4.662	BMB
10	9.77	n.a.	0.030	0.007	0.01	n.a.	BMB
11	10.56	SULFATE	96.999	39.790	31.38	869.583	BMB
Total:			409.892	126.784	100.00	2010.941	

37 600-49030-a-3

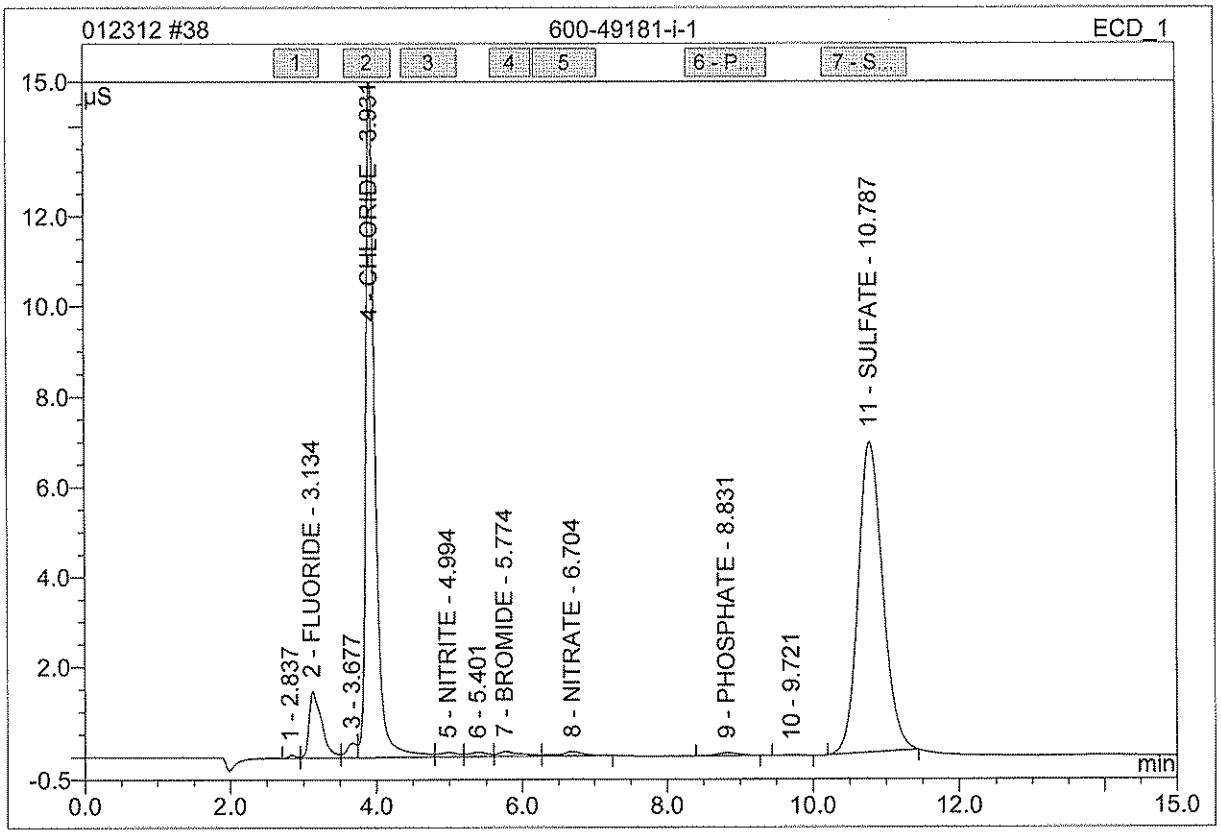
Sample Name:	**600-49030-a-3**	*Injection Volume:*	**10.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 20:52**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.97	n.a.	2.006	0.330	0.24	n.a.	BM
2	2.82	FLUORIDE	5.790	0.884	0.64	8.820	M
3	3.28	n.a.	0.472	0.108	0.08	n.a.	M
4	4.20	CHLORIDE	307.315	92.378	66.79	1248.684	M
5	4.64	NITRITE	2.963	0.969	0.70	6.353	M
6	5.74	BROMIDE	0.166	0.057	0.04	2.147	M
7	6.57	NITRATE	14.839	3.655	2.64	23.458	M
8	8.01	n.a.	0.044	0.014	0.01	n.a.	MB
9	8.82	PHOSPHATE	0.741	0.266	0.19	5.320	BMB
10	9.78	n.a.	0.081	0.021	0.01	n.a.	BMB
11	10.57	SULFATE	96.674	39.620	28.65	865.883	BMB
Total:			431.092	138.301	100.00	2160.663	

38 600-49181-i-1

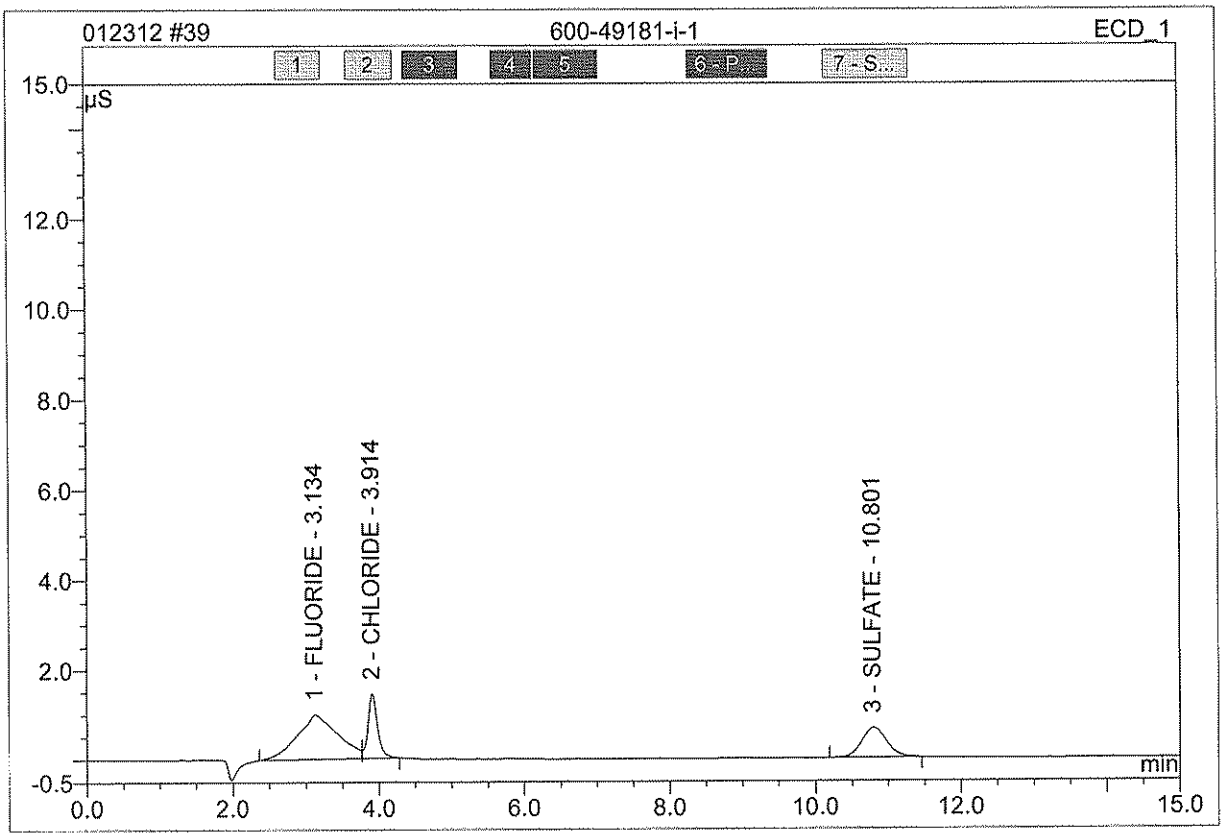
Sample Name:	**600-49181-i-1**	*Injection Volume:*	**10.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 21:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	n.a.	0.065	0.008	0.15	n.a.	BM
2	3.13	FLUORIDE	1.471	0.294	5.46	3.089	M
3	3.68	n.a.	0.326	0.051	0.94	n.a.	M
4	3.93	CHLORIDE	15.512	2.197	40.76	30.383	M
5	4.99	NITRITE	0.098	0.030	0.55	0.408	M
6	5.40	n.a.	0.095	0.030	0.55	n.a.	M
7	5.77	BROMIDE	0.115	0.040	0.74	1.520	M
8	6.70	NITRATE	0.093	0.036	0.68	0.471	MB
9	8.83	PHOSPHATE	0.064	0.023	0.43	0.686	BMB
10	9.72	n.a.	0.018	0.005	0.10	n.a.	BMB
11	10.79	SULFATE	6.884	2.674	49.62	58.634	BMB
Total:			24.742	5.389	100.00	95.193	

39 600-49181-i-1

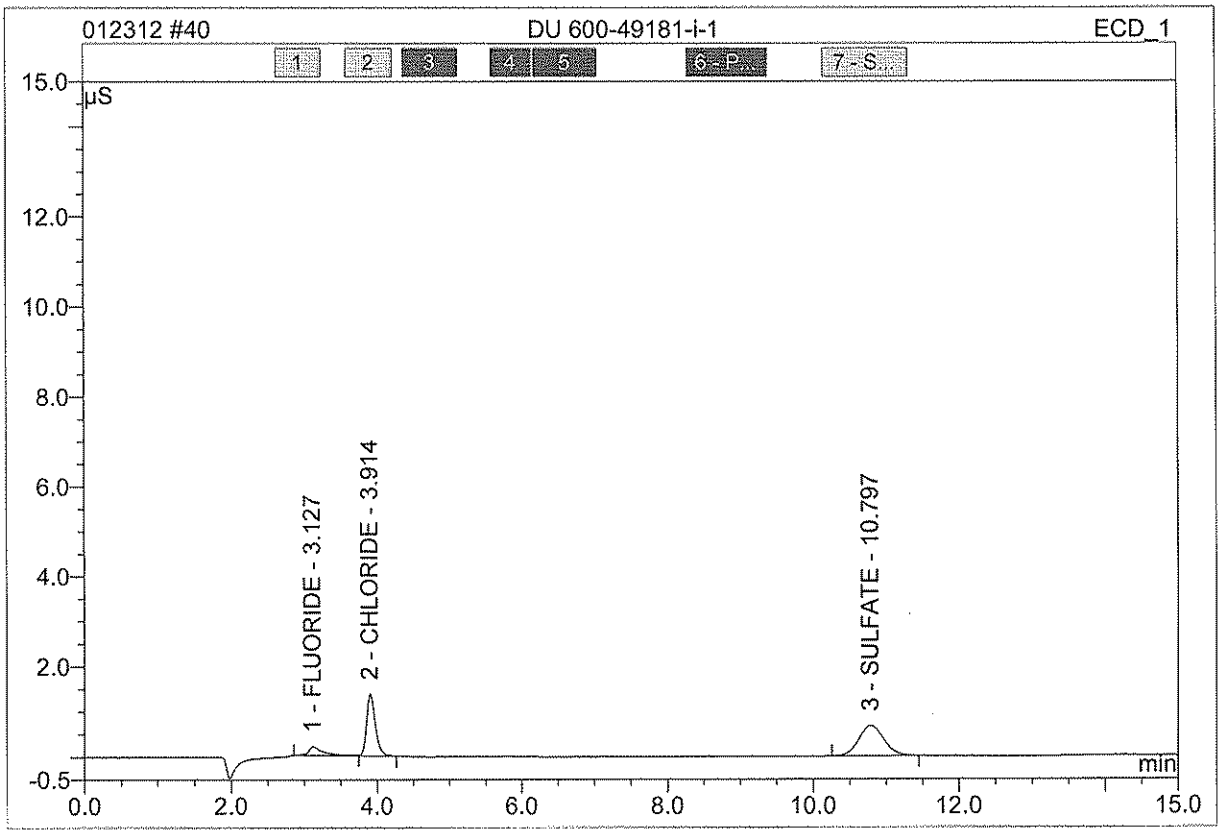
Sample Name:	**600-49181-i-1**	*Injection Volume:*	**10.0**
Vial Number:	**31**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 21:28**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.13	FLUORIDE	0.993	0.641	56.92	6.458	BM
2	3.91	CHLORIDE	1.436	0.217	19.28	3.638	MB
3	10.80	SULFATE	0.667	0.268	23.80	6.058	BMB
Total:			3.096	1.127	100.00	16.154	

40 DU 600-49181-i-1

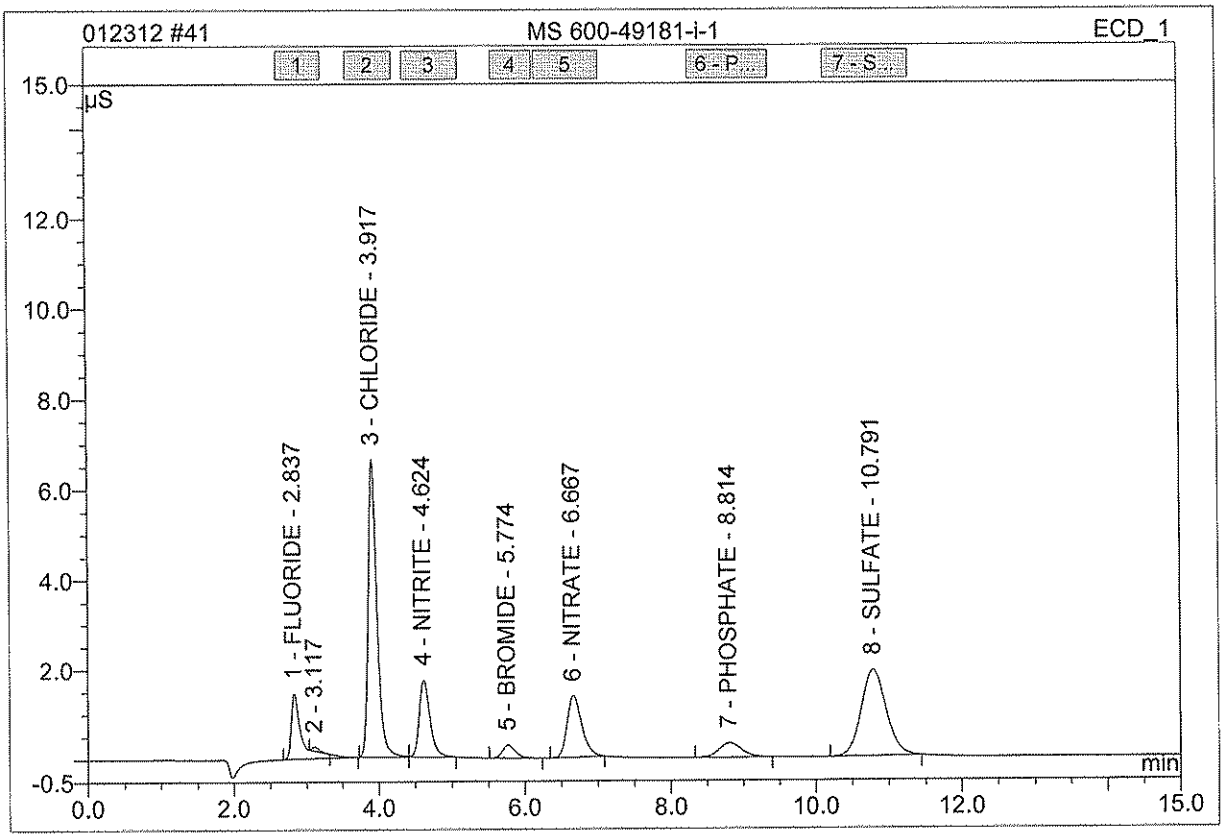
Sample Name:	**DU 600-49181-i-1**	*Injection Volume:*	**10.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 21:46**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.13	FLUORIDE	0.189	0.043	8.47	0.645	Ru
2	3.91	CHLORIDE	1.367	0.196	38.87	3.355	BMB
3	10.80	SULFATE	0.668	0.266	52.67	6.009	BMB
Total:			2.224	0.505	100.00	10.009	

41 MS 600-49181-i-1

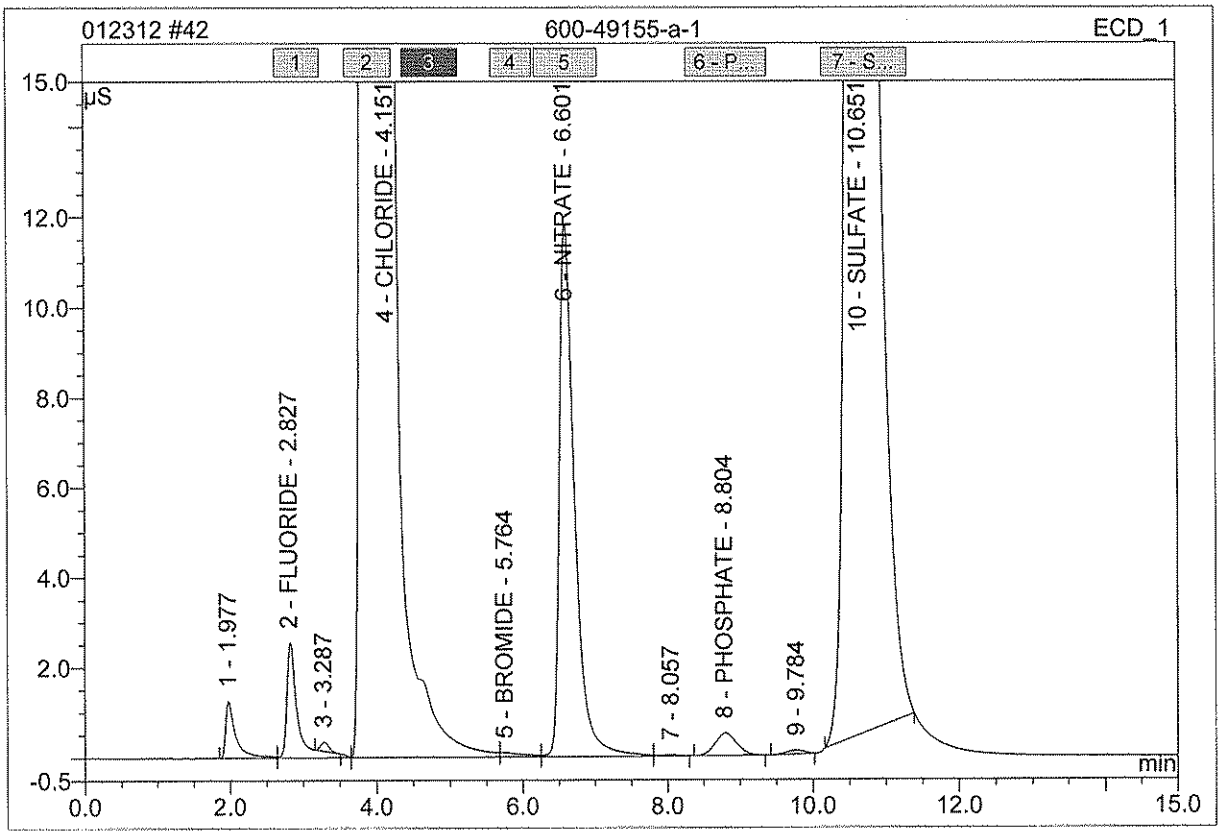
Sample Name:	**MS 600-49181-i-1**	*Injection Volume:*	**10.0**
Vial Number:	**33**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 22:04**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	1.463	0.250	9.18	2.662	BMB
2	3.12	n.a.	0.091	0.011	0.40	n.a.	Rd
3	3.92	CHLORIDE	6.606	0.917	33.59	13.091	BM
4	4.62	NITRITE	1.717	0.291	10.66	2.061	MB
5	5.77	BROMIDE	0.291	0.058	2.14	2.197	BMB
6	6.67	NITRATE	1.374	0.322	11.80	2.287	BMB
7	8.81	PHOSPHATE	0.321	0.118	4.31	2.491	BMB
8	10.79	SULFATE	1.917	0.762	27.93	16.855	BMB
Total:			13.780	2.729	100.00	41.643	

42 600-49155-a-1

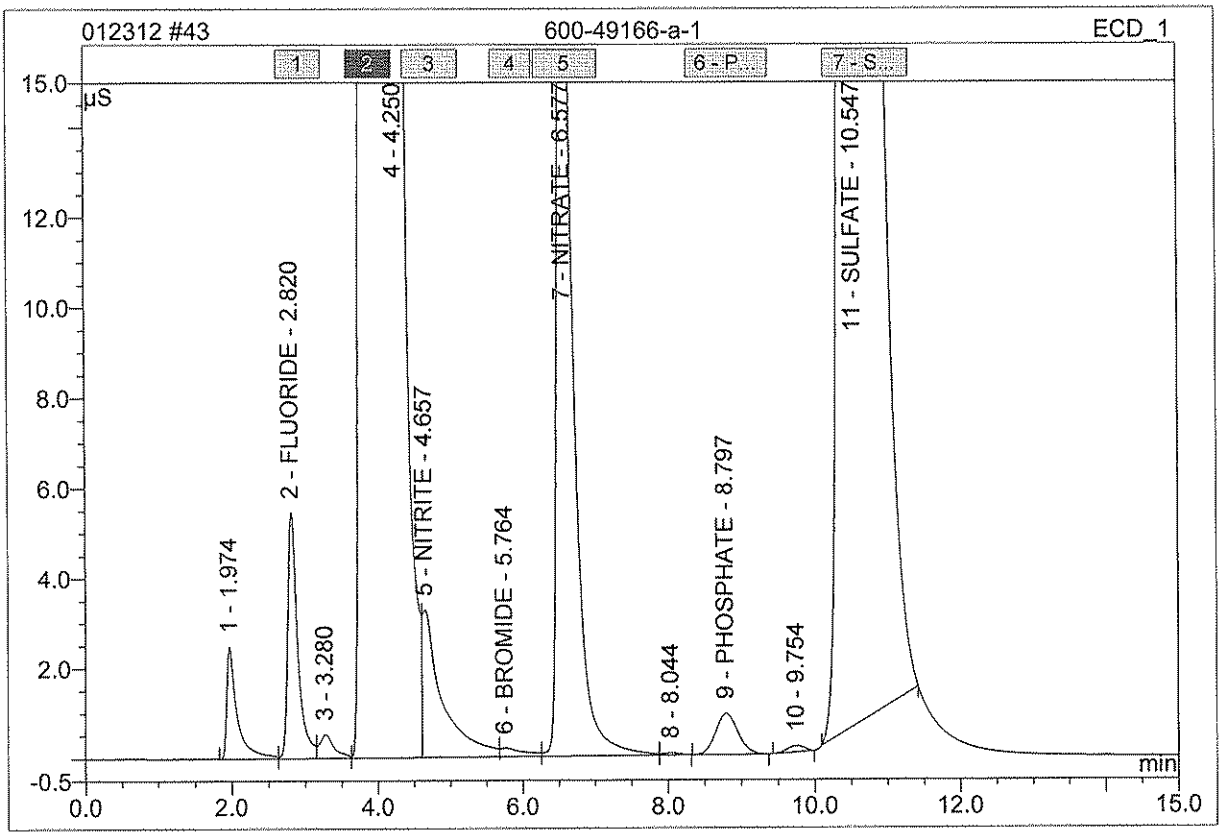
Sample Name:	**600-49155-a-1**	*Injection Volume:*	**10.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**2.0000**
Recording Time:	**1/23/2012 22:22**	*Sample Weight:*	**2.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.98	n.a.	1.257	0.205	0.22	n.a.	BM
2	2.83	FLUORIDE	2.562	0.452	0.50	4.622	M
3	3.29	n.a.	0.201	0.027	0.03	n.a.	Rd
4	4.15	CHLORIDE	256.624	66.451	72.76	898.418	M
5	5.76	BROMIDE	0.095	0.035	0.04	1.333	M
6	6.60	NITRATE	11.840	2.907	3.18	18.710	M
7	8.06	n.a.	0.027	0.010	0.01	n.a.	MB
8	8.80	PHOSPHATE	0.499	0.176	0.19	3.599	BMB
9	9.78	n.a.	0.088	0.025	0.03	n.a.	BMB
10	10.65	SULFATE	54.568	21.042	23.04	459.965	BMB
Total:			327.761	91.330	100.00	1386.647	

43 600-49166-a-1

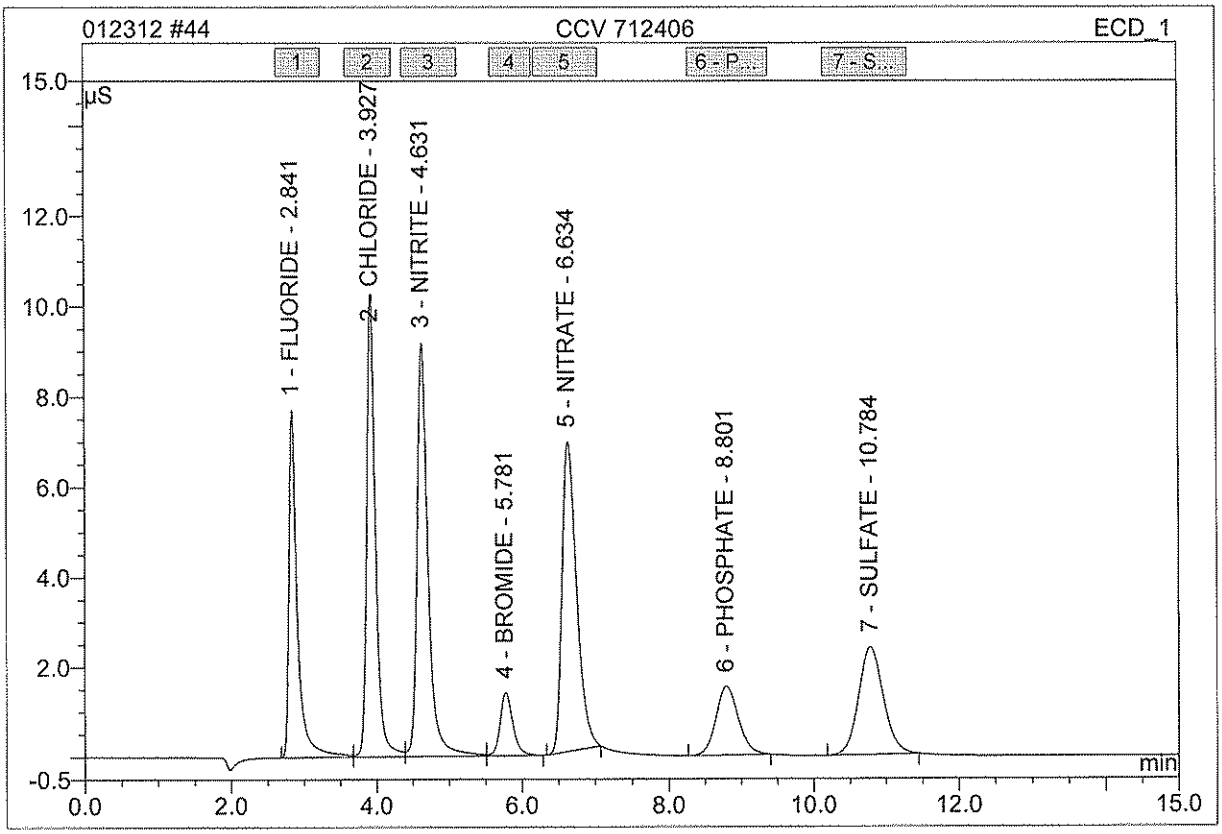
Sample Name:	**600-49166-a-1**	*Injection Volume:*	**10.0**
Vial Number:	**35**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 22:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	1.97	n.a.	2.490	0.406	0.24	n.a.	BM
2	2.82	FLUORIDE	5.457	0.865	0.52	8.632	M
3	3.28	n.a.	0.524	0.119	0.07	n.a.	M
4	4.25	n.a.	343.717	115.232	69.23	n.a.	M
5	4.66	NITRITE	3.269	1.049	0.63	6.861	M
6	5.76	BROMIDE	0.190	0.073	0.04	2.755	M
7	6.58	NITRATE	20.965	5.140	3.09	32.897	M
8	8.04	n.a.	0.047	0.013	0.01	n.a.	MB
9	8.80	PHOSPHATE	0.913	0.322	0.19	6.399	BMB
10	9.75	n.a.	0.142	0.038	0.02	n.a.	BMB
11	10.55	SULFATE	103.848	43.184	25.95	943.746	BMB
Total:			481.563	166.444	100.00	1001.290	

44 CCV 712406

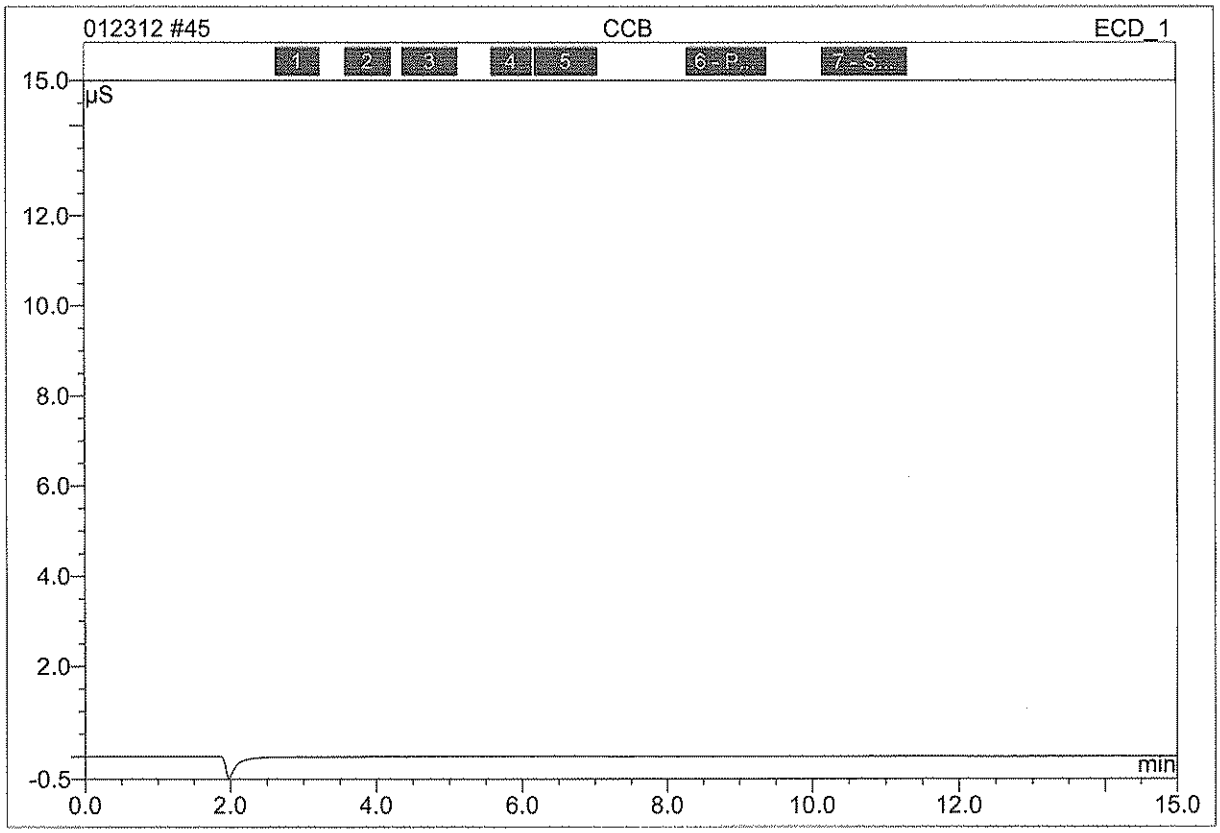
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**36**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 22:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.709	1.049	13.97	10.420	BM
2	3.93	CHLORIDE	10.271	1.450	19.31	20.293	M
3	4.63	NITRITE	9.196	1.615	21.51	10.446	M
4	5.78	BROMIDE	1.403	0.287	3.83	10.650	MB
5	6.63	NITRATE	6.883	1.598	21.28	10.392	BMB
6	8.80	PHOSPHATE	1.533	0.553	7.37	10.802	BMB
7	10.78	SULFATE	2.400	0.956	12.73	21.079	BMB
Total:			39.395	7.509	100.00	94.081	

45 CCB

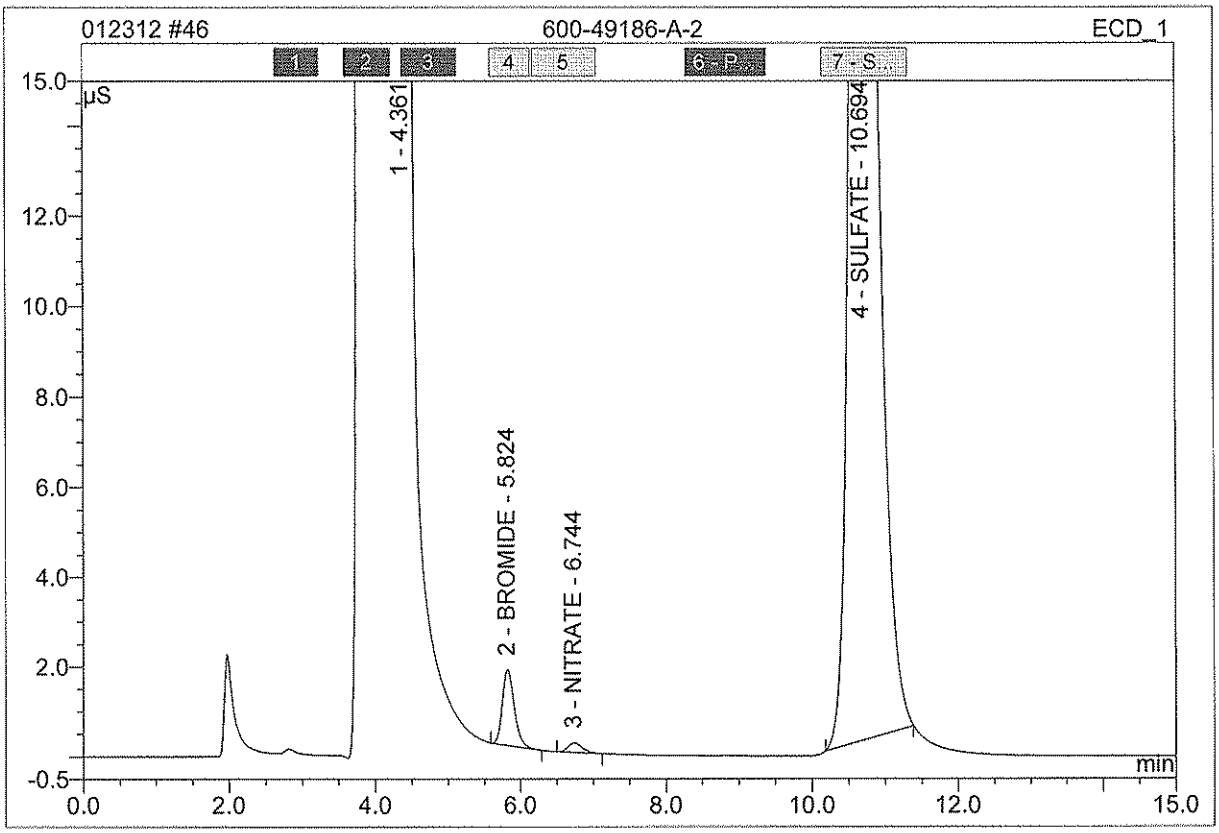
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**37**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/23/2012 23:16**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

46 600-49186-A-2

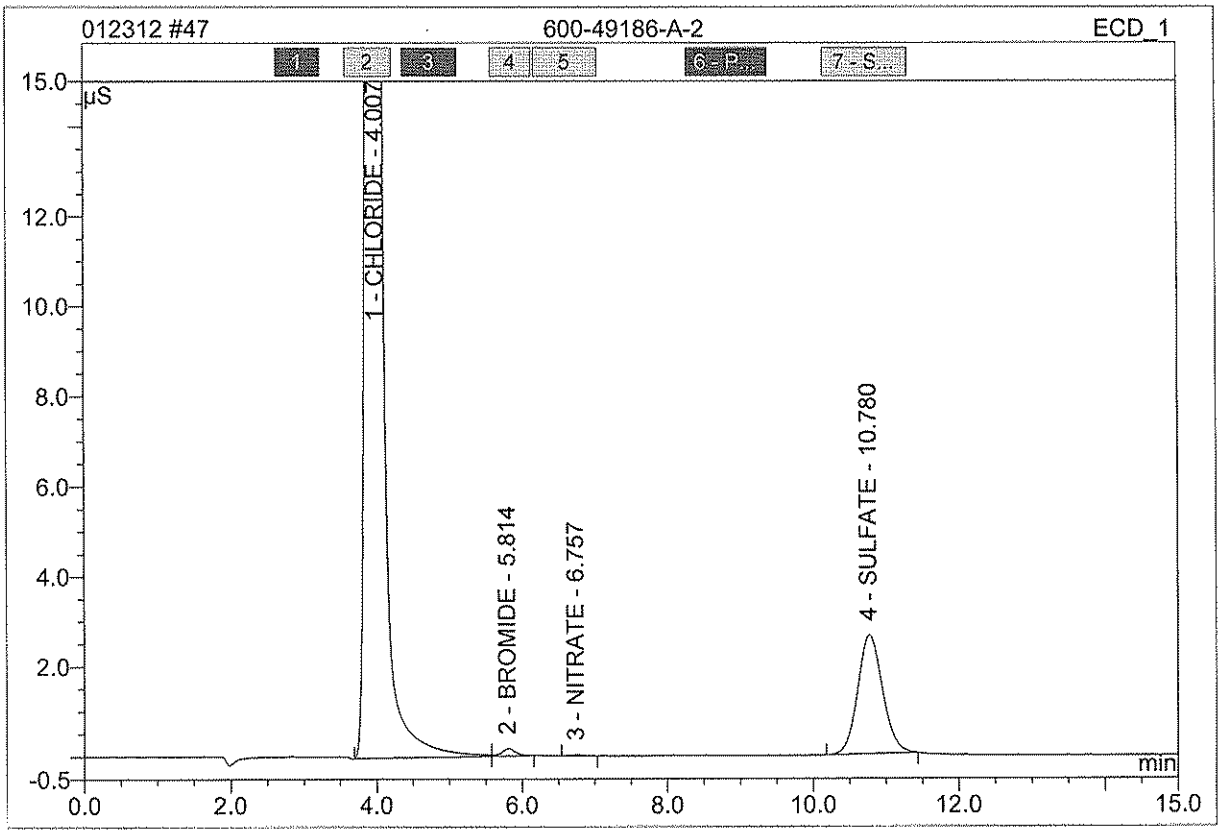
Sample Name:	**600-49186-A-2**	*Injection Volume:*	**10.0**
Vial Number:	**38**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**10.0000**
Recording Time:	**1/23/2012 23:34**	*Sample Weight:*	**10.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	4.36	n.a.	363.636	102.577	87.90	n.a.	BMB
2	5.82	BROMIDE	1.689	0.324	0.28	12.008	BMB
3	6.74	NITRATE	0.216	0.049	0.04	0.552	BMB
4	10.69	SULFATE	36.230	13.752	11.78	300.676	BMB
Total:			401.772	116.702	100.00	313.235	

47 600-49186-A-2

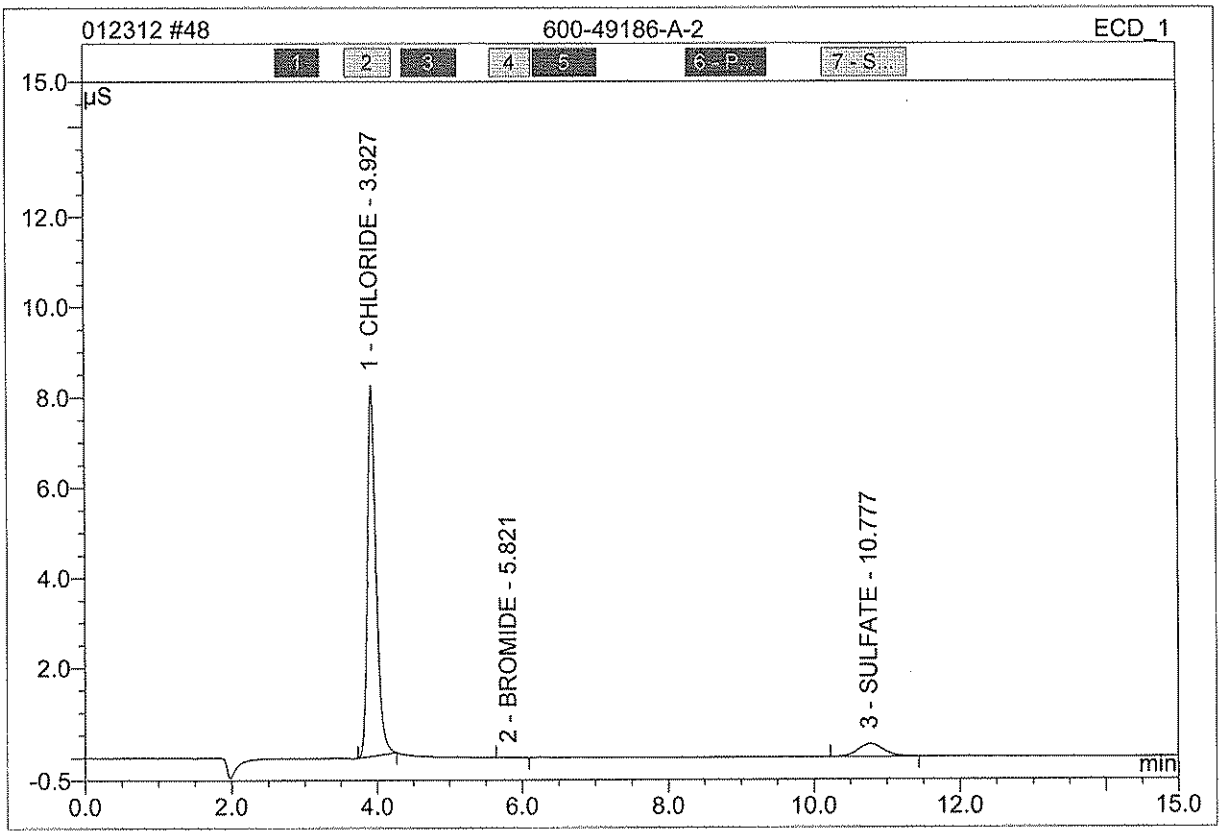
Sample Name:	**600-49186-A-2**	*Injection Volume:*	**10.0**
Vial Number:	**39**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**100.0000**
Recording Time:	**1/23/2012 23:51**	*Sample Weight:*	**100.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	4.01	CHLORIDE	94.057	14.830	93.15	201.045	BM
2	5.81	BROMIDE	0.163	0.037	0.23	1.401	MB
3	6.76	NITRATE	0.023	0.005	0.03	0.274	BMB
4	10.78	SULFATE	2.636	1.049	6.59	23.114	BMB
Total:			96.879	15.921	100.00	225.834	

48 600-49186-A-2

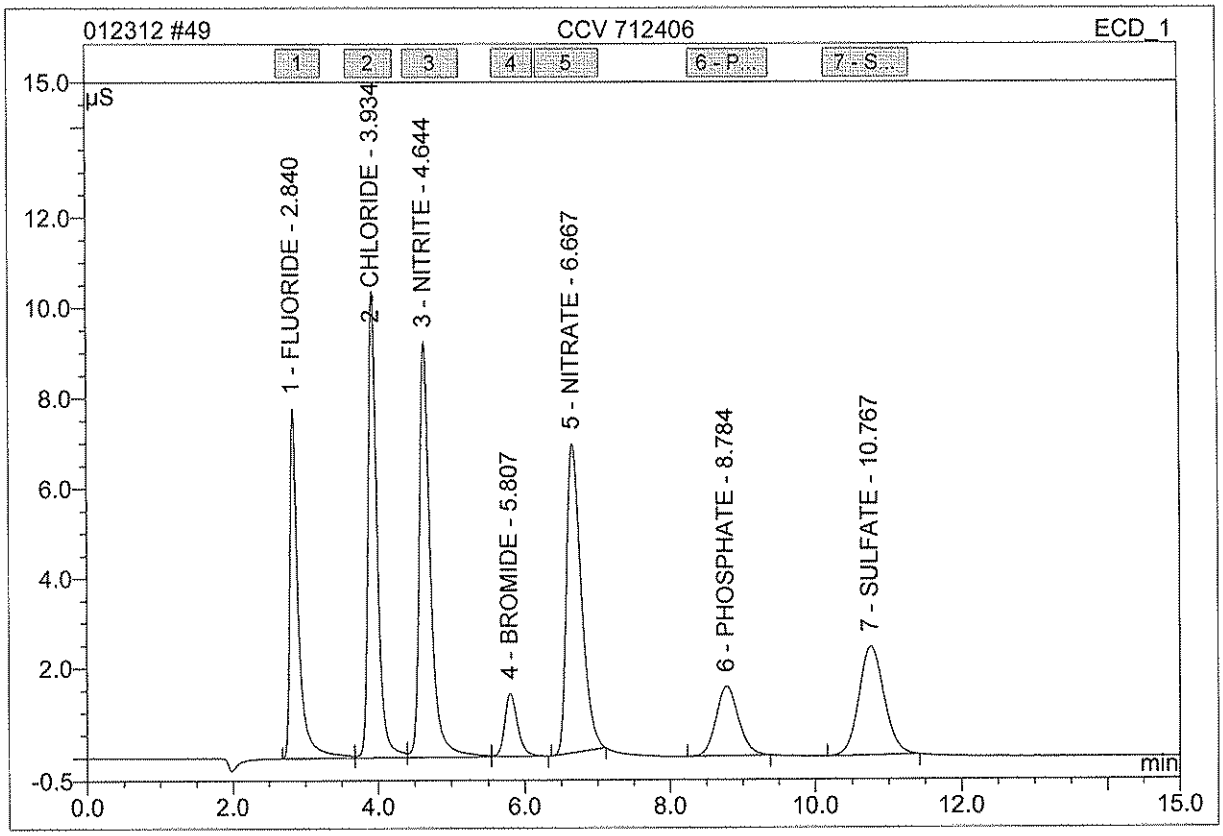
Sample Name:	**600-49186-A-2**	*Injection Volume:*	**10.0**
Vial Number:	**40**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1000.0000**
Recording Time:	**1/24/2012 0:09**	*Sample Weight:*	**1000.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.93	CHLORIDE	8.222	1.127	90.46	15.925	BMB
2	5.82	BROMIDE	0.018	0.003	0.27	0.168	BMB
3	10.78	SULFATE	0.283	0.115	9.26	2.721	BMB
Total:			8.522	1.245	100.00	18.814	

49 CCV 712406

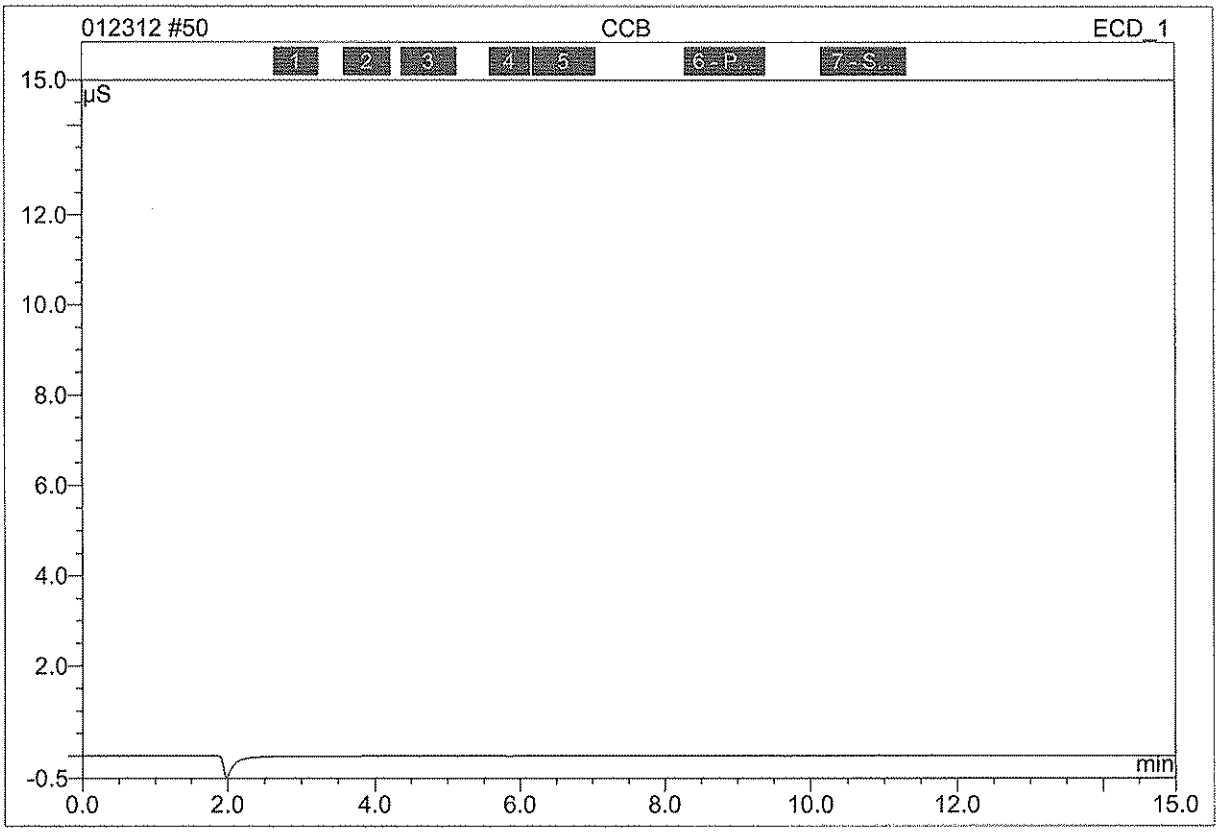
Sample Name:	**CCV 712406**	*Injection Volume:*	**10.0**
Vial Number:	**41**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/24/2012 0:27**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	2.84	FLUORIDE	7.777	1.063	14.02	10.556	BM
2	3.93	CHLORIDE	10.364	1.467	19.35	20.525	M
3	4.64	NITRITE	9.235	1.628	21.48	10.528	M
4	5.81	BROMIDE	1.403	0.288	3.80	10.687	MB
5	6.67	NITRATE	6.877	1.612	21.26	10.482	BMB
6	8.78	PHOSPHATE	1.545	0.559	7.37	10.914	BMB
7	10.77	SULFATE	2.416	0.964	12.71	21.258	BMB
Total:			39.616	7.582	100.00	94.951	

50 CCB

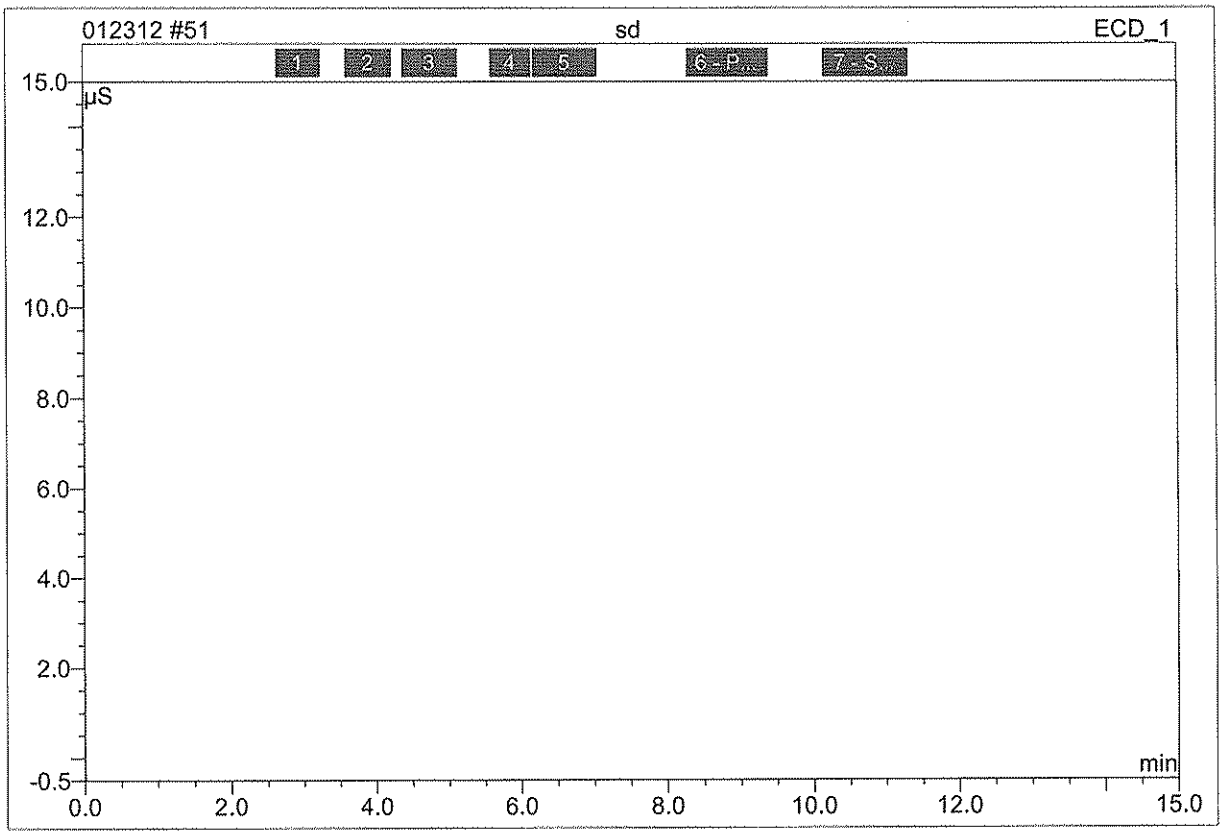
Sample Name:	**CCB**	*Injection Volume:*	**10.0**
Vial Number:	**42**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AnionsC**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/24/2012 0:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

51 sd

Sample Name:	**sd**	*Injection Volume:*	**10.0**
Vial Number:	**43**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**Shutdown**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CAL010612**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/24/2012 1:03**	*Sample Weight:*	**1.0000**
Run Time (min):	**1.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
Total:			0.000	0.000	0.00	0.000	

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Batch Number: 70723 Batch Start Date: 01/23/12 12:31 Batch Analyst: Puranik, Surendra U

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CCV 00005	ICSMS 00023	ICV/LCS 00009	
ICV 600-70723/2		300.0		5 mL	5 mL			5 mL	
ICB 600-70723/3		300.0		5 mL	5 mL				
MB 600-70723/4		300.0		5 mL	5 mL				
LCS 600-70723/5		300.0		5 mL	5 mL			5 mL	
600-49063-C-1	2012-LMW-NE	300.0	T	5 mL	5 mL				
600-49063-C-1	2012-LMW-NE	300.0	T	5 mL	5 mL				
600-49063-B-2	2012-MW-20	300.0	T	5 mL	5 mL				
600-49063-B-2	2012-MW-20	300.0	T	5 mL	5 mL				
CCV 600-70723/14		300.0		5 mL	5 mL	5 mL			
CCB 600-70723/15		300.0		5 mL	5 mL				
600-49063-B-3	2012-B4R	300.0	T	5 mL	5 mL				
600-49063-C-4	2012-MW-17	300.0	T	5 mL	5 mL				
600-49063-C-4 MS	2012-MW-17	300.0	T	5 mL	5 mL		0.25 mL		
600-49063-C-4 MSD	2012-MW-17	300.0	T	5 mL	5 mL		0.25 mL		
600-49063-C-4	2012-MW-17	300.0	T	5 mL	5 mL				
600-49063-C-4 MS	2012-MW-17	300.0	T	5 mL	5 mL		0.25 mL		
600-49063-C-4 MSD	2012-MW-17	300.0	T	5 mL	5 mL		0.25 mL		
CCV 600-70723/26		300.0		5 mL	5 mL	5 mL			
CCB 600-70723/27		300.0		5 mL	5 mL				
CCV 600-70723/36		300.0		5 mL	5 mL	5 mL			
CCB 600-70723/37		300.0		5 mL	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49063-1

SDG No.:

Batch Number: 70544 Batch Start Date: 01/20/12 15:55 Batch Analyst: Daniel, Kevin R

Batch Method: SM 2540C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Conductivity	InitialAmount	TareWeight	Weight1	Weight2	Weight3
MB 600-70544/1		SM 2540C			100 mL	137.2579 g	137.2579 g	137.2579 g	0 g
LCS 600-70544/2		SM 2540C			100 mL	134.6709 g	134.8653 g	134.8650 g	0 g
600-49063-C-1	2012-LMW-NE	SM 2540C	T	4030 umhos/cm	100 mL	131.1777 g	131.4933 g	131.4934 g	0 g
600-49063-B-2	2012-MW-20	SM 2540C	T	6290 umhos/cm	50 mL	135.7387 g	136.0398 g	136.0396 g	0 g
600-49063-B-3	2012-B4R	SM 2540C	T	1963 umhos/cm	100 mL	138.2176 g	138.3345 g	138.3346 g	0 g
600-49063-C-4	2012-MW-17	SM 2540C	T	3900 umhos/cm	100 mL	134.5196 g	134.8333 g	134.8332 g	0 g
600-49063-C-4 MS	2012-MW-17	SM 2540C	T	3830 umhos/cm	100 mL	104.9892 g	105.3129 g	105.3128 g	0 g
600-49063-C-4 MSD	2012-MW-17	SM 2540C	T	3890 umhos/cm	100 mL	132.3632 g	132.6798 g	132.6797 g	0 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	WeightOne%Diff	Residue	Residue2	FinalAmount	TDSILCS 00043	
MB 600-70544/1		SM 2540C		PASS_D No Unit	0.00000 g	0.00000 g	100 mL		
LCS 600-70544/2		SM 2540C		PASS_D No Unit	0.19440 g	0.19410 g	100 mL	100 mL	
600-49063-C-1	2012-LMW-NE	SM 2540C	T	PASS_D No Unit	0.31560 g	0.31570 g	100 mL		
600-49063-B-2	2012-MW-20	SM 2540C	T	PASS_D No Unit	0.30110 g	0.30090 g	100 mL		
600-49063-B-3	2012-B4R	SM 2540C	T	PASS_D No Unit	0.11690 g	0.11700 g	100 mL		
600-49063-C-4	2012-MW-17	SM 2540C	T	PASS_D No Unit	0.31370 g	0.31360 g	100 mL		
600-49063-C-4 MS	2012-MW-17	SM 2540C	T	PASS_D No Unit	0.32370 g	0.32360 g	100 mL		
600-49063-C-4 MSD	2012-MW-17	SM 2540C	T	PASS_D No Unit	0.31660 g	0.31650 g	100 mL		

Batch Notes	
Nominal Amount Used	100 mL

Basis	Basis Description
T	Total/NA

TestAmerica Houston
[illegible] Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Loc: 600
49063

02/20/2012

Client Information	Sampler: ~~Chris Moore~~ JOHN BRAYTON	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 1
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664	PO #:			
Phone: (512) 671-3434	WO #:			
Email: chris.moore@pbwllc.com	Project #: 1732			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	SSOW#:			
Site: Exide Frisco Recycling Center				

Analysis Requested

Preservation Codes:

A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Number of containers	Special Instructions/Note:
			Preservation Code:														
2012- CMW-NE	1-18-12	1040	G				X	X			X			X			
2012- MW-20		1015	G				X				X			X			LIMITED SAMPLE
2012- B4R		0950	G				X				X			X			LIMITED SAMPLE
2012- MW-17		1500	G				X	X			X			X			
2012- MW-17MS		1500	G				X	X			X			X			
2012- MW-17MSD		1500	G				X	X			X			X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 1-18-12 1700	Company: PBW	Received by:	Date/Time: 1/19/12 9:21	Company: TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Page 386 of 387

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49063-1

Login Number: 49063

List Source: TestAmerica Houston

List Number: 1

Creator: Fuentes Jr, Fabio

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-49066-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
2/27/2012 11:51 AM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
02/27/2012

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Method Summary 14
Method / Analyst Summary 15
Sample Summary 16
Sample Results 17
Sample Datasheets 18
Data Qualifiers 24
QC Results 25
Qc Association Summary 26
Surrogate Recovery Report 28
Qc Reports 30
Raw Data 36
Client Chain of Custody 460
Sample Receipt Checklist 461

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-49066-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		02/27/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49066
Reviewer Name: TWR	Prep Batch Number(s): 600-70604(water), 70516(soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49066
Reviewer Name: TWR	Prep Batch Number(s): 600-70604(water), 70516(soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	4
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49066
Reviewer Name: TWR	Prep Batch Number(s): 600-70604(water), 70516(soil)- ICP

ER #[1]	DESCRIPTION
1	The cadmium recovery in sample 49066-2 MS was below acceptance limits due to matrix interference. The lead recovery in samples 49066-2 MS and MSD were outside acceptance limits, but were not flagged due to the background sample results being greater than four times the spike added concentration. Method performance is demonstrated by acceptable LCS recoveries.
2	The lead RPD between samples 49066-2 MS and MSD were above acceptance limits due to the non-homogenous nature of the samples.
3	The cadmium RPD between samples 49066-2 and 49066-2 MD was above acceptance limits due to the non-homogenous nature of the samples.
4	The laboratory selected another client's sample to perform as the PDS and SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/27/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49066
Reviewer Name: RJV	Prep Batch Number(s): 600-70837(S), 70763(W)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	X				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		1
		Were MS/MSD RPDs within laboratory QC limits?			X		1
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 01/27/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49066
Reviewer Name: RJV	Prep Batch Number(s): 600-70837(S), 70763(W)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 01/27/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49066
Reviewer Name: RJV	Prep Batch Number(s): 600-70837(S), 70763(W)- TX1005

ER #[1]	DESCRIPTION
1	The laboratory selected samples from other groups to perform as the MS/MSDs.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Detection Check Standard

Matrix:	Soil
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	BO80211_034.d
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	4.67	10	12.86	25
>C12-C28	6.06	10	9.43	25
Total C6-C35	9.59	20	22.28	25

Detection Check Standard

Matrix:	Water
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	B080211_034.d
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	0.37	5	4.97	5
>C12-C28	0.32	5	5.16	5
Total C6-C35	0.56	10	10.13	5

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_S_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals	TAL HOU		SW846 3050B
Percent Moisture	TAL HOU	EPA Moisture	
Matrix: Water			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_W_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals	TAL HOU		SW846 3010A

Lab References:

TAL HOU = TestAmerica Houston

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TCEQ = Texas Commission of Environmental Quality

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Method	Analyst	Analyst ID
TCEQ TX 1005	Sacco, John P	JPS
TCEQ TX 1005	Vanderborgh, Raymond	RV
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
EPA Moisture	Puranik, Surendra U	SUP

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-49066-1	2012-FWCS-9	Solid	01/18/2012 1028	01/19/2012 0921
600-49066-2	2012-FWCS-1	Solid	01/18/2012 1142	01/19/2012 0921
600-49066-3	2012-FWCS-8	Solid	01/18/2012 1216	01/19/2012 0921
600-49066-5	Field Blank 3	Water	01/18/2012 1424	01/19/2012 0921
600-49066-6	Equipment Blank 7	Water	01/18/2012 1440	01/19/2012 0921
600-49066-7	Trip Blank	Water	01/18/2012 0000	01/19/2012 0921

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49066-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-9

Lab Sample ID: 600-49066-1
Client Matrix: Solid

Date Sampled: 01/18/2012 10:28
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70516	01/20/2012 12:41		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70837	01/25/2012 11:01		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	31			1.0	1.0	1.0	%	70467	01/19/2012 17:03	1	SUP
Percent Solids	STL00234	69			1.0	1.0	1.0	%	70467	01/19/2012 17:03	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	3.07			0.0256	0.250	0.0361	mg/Kg	70833	01/25/2012 09:23	1	SRP
Lead	7439-92-1	81.3			0.105	0.500	0.147	mg/Kg	70833	01/25/2012 09:23	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.73	U		4.67	25.0	6.73	mg/Kg	70964	01/26/2012 01:28	1	RV
>C12-C28	STL00035	8.74	U		6.06	25.0	8.74	mg/Kg	70964	01/26/2012 01:28	1	RV
>C28-C35	STL00147	13.8	U		9.59	25.0	13.8	mg/Kg	70964	01/26/2012 01:28	1	RV
C6-C35	STL00006	13.8	U		9.59	25.0	13.8	mg/Kg	70964	01/26/2012 01:28	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		18.6	18.0	103	70-130		FID07	70837	01/26/2012 01:28	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49066-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-1

Lab Sample ID: 600-49066-2
Client Matrix: Solid

Date Sampled: 01/18/2012 11:42
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70516	01/20/2012 12:41		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70837	01/25/2012 11:01		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	22			1.0	1.0	1.0	%	70467	01/19/2012 17:03	1	SUP
Percent Solids	STL00234	78			1.0	1.0	1.0	%	70467	01/19/2012 17:03	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	10.0			0.0256	0.250	0.0330	mg/Kg	70833	01/25/2012 09:29	1	SRP
Lead	7439-92-1	2240			0.105	0.500	0.135	mg/Kg	70833	01/25/2012 09:29	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	5.99	U		4.67	25.0	5.99	mg/Kg	70964	01/26/2012 02:36	1	RV
>C12-C28	STL00035	7.78	U		6.06	25.0	7.78	mg/Kg	70964	01/26/2012 02:36	1	RV
>C28-C35	STL00147	12.3	U		9.59	25.0	12.3	mg/Kg	70964	01/26/2012 02:36	1	RV
C6-C35	STL00006	12.3	U		9.59	25.0	12.3	mg/Kg	70964	01/26/2012 02:36	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		16.9	16.0	105	70-130		FID07	70837	01/26/2012 02:36	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49066-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-8

Lab Sample ID: 600-49066-3
Client Matrix: Solid

Date Sampled: 01/18/2012 12:16
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							70516	01/20/2012 12:41		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70837	01/25/2012 11:01		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	25			1.0	1.0	1.0	%	70467	01/19/2012 17:03	1	SUP
Percent Solids	STL00234	75			1.0	1.0	1.0	%	70467	01/19/2012 17:03	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	234			0.0256	0.250	0.0342	mg/Kg	70833	01/25/2012 09:45	1	SRP
Lead	7439-92-1	853			0.105	0.500	0.140	mg/Kg	70833	01/25/2012 09:45	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.22	U		4.67	25.0	6.22	mg/Kg	70964	01/26/2012 03:10	1	RV
>C12-C28	STL00035	8.08	U		6.06	25.0	8.08	mg/Kg	70964	01/26/2012 03:10	1	RV
>C28-C35	STL00147	12.8	U		9.59	25.0	12.8	mg/Kg	70964	01/26/2012 03:10	1	RV
C6-C35	STL00006	12.8	U		9.59	25.0	12.8	mg/Kg	70964	01/26/2012 03:10	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		17.5	16.7	105	70-130		FID07	70837	01/26/2012 03:10	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49066-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Field Blank 3

Lab Sample ID: 600-49066-5
Client Matrix: Water

Date Sampled: 01/18/2012 14:24
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70763	01/24/2012 16:07		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.360	U		0.370	5.00	0.360	mg/L	70845	01/25/2012 14:22	1	JPS
>C12-C28	STL00035	1.71	J		0.320	5.00	0.312	mg/L	70845	01/25/2012 14:22	1	JPS
>C28-C35	STL00147	0.545	U		0.560	5.00	0.545	mg/L	70845	01/25/2012 14:22	1	JPS
C6-C35	STL00006	1.71	J		0.560	5.00	0.545	mg/L	70845	01/25/2012 14:22	1	JPS

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.63	1.62	100	70-130		FID07	70763	01/25/2012 14:22	1	JPS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49066-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Equipment Blank 7

Lab Sample ID: 600-49066-6
Client Matrix: Water

Date Sampled: 01/18/2012 14:40
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70604	01/23/2012 05:50		DCL
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70763	01/24/2012 16:07		NV
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.00220	J		0.000350	0.00500	0.000350	mg/L	70835	01/25/2012 11:48	1	DCL
Lead	7439-92-1	0.00550	J		0.00290	0.0100	0.00290	mg/L	70835	01/25/2012 11:48	1	DCL
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.363	U		0.370	5.00	0.363	mg/L	70845	01/25/2012 15:33	1	JPS
>C12-C28	STL00035	0.314	U		0.320	5.00	0.314	mg/L	70845	01/25/2012 15:33	1	JPS
>C28-C35	STL00147	0.550	U		0.560	5.00	0.550	mg/L	70845	01/25/2012 15:33	1	JPS
C6-C35	STL00006	0.550	U		0.560	5.00	0.550	mg/L	70845	01/25/2012 15:33	1	JPS

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.64	1.64	100	70-130		FID07	70763	01/25/2012 15:33	1	JPS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49066-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Trip Blank

Lab Sample ID: 600-49066-7
Client Matrix: Water

Date Sampled: 01/18/2012 00:00
Date Received: 01/19/2012 09:21

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70763	01/24/2012 16:07		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.366	U		0.370	5.00	0.366	mg/L	70885	01/25/2012 17:40	1	RV
>C12-C28	STL00035	0.317	U		0.320	5.00	0.317	mg/L	70885	01/25/2012 17:40	1	RV
>C28-C35	STL00147	0.554	U		0.560	5.00	0.554	mg/L	70885	01/25/2012 17:40	1	RV
C6-C35	STL00006	0.554	U		0.560	5.00	0.554	mg/L	70885	01/25/2012 17:40	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.43	1.65	87	70-130		FID07	70763	01/25/2012 17:40	1	RV

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-49066-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
Metals		
	U	Analyte was not detected at or above the SDL.
	F	Duplicate RPD exceeds the control limit
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 600-70736					
LCS 600-70736/2-A	Lab Control Sample	T	Water	TX_1005_W_Pre	
MB 600-70736/1-A	Method Blank	T	Water	TX_1005_W_Pre	
Prep Batch: 600-70763					
LCS 600-70763/2-A	Lab Control Sample	T	Water	TX_1005_W_Pre	
MB 600-70763/1-A	Method Blank	T	Water	TX_1005_W_Pre	
600-49066-5	Field Blank 3	T	Water	TX_1005_W_Pre	
600-49066-6	Equipment Blank 7	T	Water	TX_1005_W_Pre	
600-49066-7	Trip Blank	T	Water	TX_1005_W_Pre	
Prep Batch: 600-70837					
LCS 600-70837/2-A	Lab Control Sample	T	Solid	TX_1005_S_Prep	
MB 600-70837/1-A	Method Blank	T	Solid	TX_1005_S_Prep	
600-49066-1	2012-FWCS-9	T	Solid	TX_1005_S_Prep	
600-49066-2	2012-FWCS-1	T	Solid	TX_1005_S_Prep	
600-49066-3	2012-FWCS-8	T	Solid	TX_1005_S_Prep	
Analysis Batch:600-70845					
LCS 600-70763/2-A	Lab Control Sample	T	Water	TX 1005	600-70763
MB 600-70763/1-A	Method Blank	T	Water	TX 1005	600-70763
600-49066-5	Field Blank 3	T	Water	TX 1005	600-70763
600-49066-6	Equipment Blank 7	T	Water	TX 1005	600-70763
Analysis Batch:600-70885					
LCS 600-70736/2-A	Lab Control Sample	T	Water	TX 1005	600-70736
MB 600-70736/1-A	Method Blank	T	Water	TX 1005	600-70736
600-49066-7	Trip Blank	T	Water	TX 1005	600-70763
Analysis Batch:600-70964					
LCS 600-70837/2-A	Lab Control Sample	T	Solid	TX 1005	600-70837
MB 600-70837/1-A	Method Blank	T	Solid	TX 1005	600-70837
600-49066-1	2012-FWCS-9	T	Solid	TX 1005	600-70837
600-49066-2	2012-FWCS-1	T	Solid	TX 1005	600-70837
600-49066-3	2012-FWCS-8	T	Solid	TX 1005	600-70837

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-70516					
LCS 600-70516/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-70516/1-A	Method Blank	T	Solid	3050B	
600-49066-1	2012-FWCS-9	T	Solid	3050B	
600-49066-2	2012-FWCS-1	T	Solid	3050B	
600-49066-2DU	Duplicate	T	Solid	3050B	
600-49066-2MS	Matrix Spike	T	Solid	3050B	
600-49066-2MSD	Matrix Spike Duplicate	T	Solid	3050B	
600-49066-3	2012-FWCS-8	T	Solid	3050B	
Prep Batch: 600-70604					
LCS 600-70604/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70604/1-A	Method Blank	T	Water	3010A	
600-49066-6	Equipment Blank 7	T	Water	3010A	
Analysis Batch:600-70833					
LCS 600-70516/2-A	Lab Control Sample	T	Solid	6010B	600-70516
MB 600-70516/1-A	Method Blank	T	Solid	6010B	600-70516
600-49066-1	2012-FWCS-9	T	Solid	6010B	600-70516
600-49066-2	2012-FWCS-1	T	Solid	6010B	600-70516
600-49066-2DU	Duplicate	T	Solid	6010B	600-70516
600-49066-2MS	Matrix Spike	T	Solid	6010B	600-70516
600-49066-2MSD	Matrix Spike Duplicate	T	Solid	6010B	600-70516
600-49066-3	2012-FWCS-8	T	Solid	6010B	600-70516
Analysis Batch:600-70835					
LCS 600-70604/2-A	Lab Control Sample	T	Water	6010B	600-70604
MB 600-70604/1-A	Method Blank	T	Water	6010B	600-70604
600-49066-6	Equipment Blank 7	T	Water	6010B	600-70604

Report Basis

T = Total

General Chemistry

Analysis Batch:600-70467					
600-49066-1	2012-FWCS-9	T	Solid	Moisture	
600-49066-2	2012-FWCS-1	T	Solid	Moisture	
600-49066-3	2012-FWCS-8	T	Solid	Moisture	

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec
600-49066-1	2012-FWCS-9	103
600-49066-2	2012-FWCS-1	105
600-49066-3	2012-FWCS-8	105
MB 600-70837/1-A		103
LCS 600-70837/2-A		122

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH %Rec	OTPH %Rec
600-49066-5	Field Blank 3	100	
600-49066-6	Equipment Blank 7	100	
600-49066-7	Trip Blank		87
MB 600-70736/1-A			78
MB 600-70763/1-A		97	
LCS 600-70736/2-A			99
LCS 600-70763/2-A		112	

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Method Blank - Batch: 600-70736

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	MB 600-70736/1-A	Analysis Batch:	600-70885	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-70736	Lab File ID:	B012412_003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/24/2012 2028	Units:	mg/L	Final Weight/Volume:	10.00 mL
Prep Date:	01/24/2012 0956			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
C6-C12	3.70	U	3.70	50.0
>C12-C28	3.20	U	3.20	50.0
>C28-C35	5.60	U	5.60	50.0
C6-C35	5.60	U	5.60	50.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	78	70 - 130

Lab Control Sample - Batch: 600-70736

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	LCS 600-70736/2-A	Analysis Batch:	600-70885	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-70736	Lab File ID:	B012412_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/24/2012 2103	Units:	mg/L	Final Weight/Volume:	10.00 mL
Prep Date:	01/24/2012 0956			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	250	192.1	77	75 - 125	
>C12-C28	250	277.8	111	75 - 125	
C6-C35	500	469.9	94	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	99	70 - 130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Method Blank - Batch: 600-70763

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	MB 600-70763/1-A	Analysis Batch:	600-70845	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-70763	Lab File ID:	A012412_007.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 mL
Analysis Date:	01/24/2012 2251	Units:	mg/L	Final Weight/Volume:	3.00 mL
Prep Date:	01/24/2012 1332			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
C6-C12	0.370	U	0.370	5.00
>C12-C28	0.320	U	0.320	5.00
>C28-C35	0.560	U	0.560	5.00
C6-C35	0.560	U	0.560	5.00

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	97	70 - 130

Lab Control Sample - Batch: 600-70763

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	LCS 600-70763/2-A	Analysis Batch:	600-70845	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-70763	Lab File ID:	A012412_008.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 mL
Analysis Date:	01/24/2012 2327	Units:	mg/L	Final Weight/Volume:	3.00 mL
Prep Date:	01/24/2012 1332			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	33.3	34.78	104	75 - 125	
>C12-C28	33.3	37.41	112	75 - 125	
C6-C35	66.7	72.18	108	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	112	70 - 130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Method Blank - Batch: 600-70837

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID:	MB 600-70837/1-A	Analysis Batch:	600-70964	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70837	Lab File ID:	A012512_003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/25/2012 2020	Units:	mg/Kg	Final Weight/Volume:	10.00 mL
Prep Date:	01/25/2012 1101			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
C6-C12	4.67	U	4.67	25.0
>C12-C28	6.06	U	6.06	25.0
>C28-C35	9.59	U	9.59	25.0
C6-C35	9.59	U	9.59	25.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	103	70 - 130

Lab Control Sample - Batch: 600-70837

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID:	LCS 600-70837/2-A	Analysis Batch:	600-70964	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70837	Lab File ID:	A012512_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/25/2012 2055	Units:	mg/Kg	Final Weight/Volume:	10.00 mL
Prep Date:	01/25/2012 1101			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	250	264.6	106	75 - 125	
>C12-C28	250	298.4	119	75 - 125	
C6-C35	500	563.0	113	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	122	70 - 130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Method Blank - Batch: 600-70516

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-70516/1-A	Analysis Batch:	600-70833	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70516	Lab File ID:	A012512
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/25/2012 0743	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 1241				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Lead	0.105	U	0.105	0.500

Lab Control Sample - Batch: 600-70516

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-70516/2-A	Analysis Batch:	600-70833	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70516	Lab File ID:	A012512
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/25/2012 0747	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 1241				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	68.21	96	81 - 119	
Lead	144	141.4	98	79 - 121	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70516

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-49066-2	Analysis Batch:	600-70833	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70516	Lab File ID:	A012512
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	01/25/2012 0936			Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 1241				
Leach Date:	N/A				

MSD Lab Sample ID:	600-49066-2	Analysis Batch:	600-70833	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70516	Lab File ID:	A012512
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/25/2012 0940			Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 1241				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	72	78	75 - 125	6	20	N	
Lead	278	1298	75 - 125	24	20	4	4 N

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70516

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-49066-2	Units: mg/Kg	MSD Lab Sample ID:	600-49066-2	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	01/25/2012 0936		Analysis Date:	01/25/2012 0940	
Prep Date:	01/20/2012 1241		Prep Date:	01/20/2012 1241	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	10.0	31.8	32.1	33.08	N	35.14	
Lead	2240	63.7	64.3	2413	4	3070	4 N

Duplicate - Batch: 600-70516

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-49066-2	Analysis Batch:	600-70833	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70516	Lab File ID:	A012512
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	01/25/2012 0932	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/20/2012 1241				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cadmium	10.0	13.47	29	20	F
Lead	2240	2720	20	20	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Method Blank - Batch: 600-70604

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70604/1-A	Analysis Batch:	600-70835	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70604	Lab File ID:	012512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1140	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/23/2012 0550				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-70604

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70604/2-A	Analysis Batch:	600-70835	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70604	Lab File ID:	012512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1143	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/23/2012 0550				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.4716	94	80 - 120	
Lead	1.00	0.9466	95	80 - 120	

TX_1005

Texas - Total Petroleum Hydrocarbon (GC) by Method TX_1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	OTPH #
2012-FWCS-9	600-49066-1	103
2012-FWCS-1	600-49066-2	105
2012-FWCS-8	600-49066-3	105
	MB 600-70837/1-A	103
	LCS 600-70837/2-A	122

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm) GC Column (2): ID:

Client Sample ID	Lab Sample ID	OTPH #	OTPH #
Field Blank 3	600-49066-5	100	
Equipment Blank 7	600-49066-6	100	
Trip Blank	600-49066-7		87
	MB 600-70736/1-A		78
	MB 600-70763/1-A	97	
	LCS 600-70736/2-A		99
	LCS 600-70763/2-A	112	

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Matrix: Water Level: Low Lab File ID: B012412_004.d

Lab ID: LCS 600-70736/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
C6-C12	250	192.1	77	75-125	
>C12-C28	250	277.8	111	75-125	
C6-C35	500	469.9	94	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A012412_008.d

Lab ID: LCS 600-70763/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
C6-C12	33.3	34.78	104	75-125	
>C12-C28	33.3	37.41	112	75-125	
C6-C35	66.7	72.18	108	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A012512_004.d

Lab ID: LCS 600-70837/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	250	264.6	106	75-125	
>C12-C28	250	298.4	119	75-125	
C6-C35	500	563.0	113	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab File ID: B012412_003.d Lab Sample ID: MB 600-70736/1-A

Matrix: Water Date Extracted: 01/24/2012 09:56

Instrument ID: FID07 Date Analyzed: 01/24/2012 20:28

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-70736/2-A	B012412_004.d	01/24/2012 21:03
Trip Blank	600-49066-7	B012412_027.d	01/25/2012 17:40

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab File ID: A012412_007.d Lab Sample ID: MB 600-70763/1-A

Matrix: Water Date Extracted: 01/24/2012 13:32

Instrument ID: FID07 Date Analyzed: 01/24/2012 22:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-70763/2-A	A012412_008.d	01/24/2012 23:27
Field Blank 3	600-49066-5	A012412_022.d	01/25/2012 14:22
Equipment Blank 7	600-49066-6	A012412_024.d	01/25/2012 15:33

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab File ID: A012512_003.d Lab Sample ID: MB 600-70837/1-A

Matrix: Solid Date Extracted: 01/25/2012 11:01

Instrument ID: FID07 Date Analyzed: 01/25/2012 20:20

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-70837/2-A	A012512_004.d	01/25/2012 20:55
2012-FWCS-9	600-49066-1	A012512_012.d	01/26/2012 01:28
2012-FWCS-1	600-49066-2	A012512_014.d	01/26/2012 02:36
2012-FWCS-8	600-49066-3	A012512_015.d	01/26/2012 03:10

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Sample No.: CCVRT 600-70845/26 Date Analyzed: 01/24/2012 19:53

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): A012412_002.d Heated Purge: (Y/N) N

Calibration ID: 762

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				12.97		
UPPER LIMIT				13.07		
LOWER LIMIT				12.87		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-70845/26		01/24/2012 19:53	A012412_002.d	12.97		
MB 600-70763/1-A		01/24/2012 22:51	A012412_007.d	12.98		
LCS 600-70763/2-A		01/24/2012 23:27	A012412_008.d	12.98		
CCV 600-70845/7		01/25/2012 02:27	A012412_013.d	12.98		
600-49066-5	Field Blank 3	01/25/2012 14:22	A012412_022.d	12.98		
CCV 600-70845/20		01/25/2012 14:58	A012412_023.d	12.98		
600-49066-6	Equipment Blank 7	01/25/2012 15:33	A012412_024.d	12.98		
CCV 600-70845/27		01/25/2012 18:15	A012412_028.d	12.97		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Sample No.: CCVRT 600-70885/1 Date Analyzed: 01/24/2012 19:53

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): B012412_002.d Heated Purge: (Y/N) N

Calibration ID: 767

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				13.31		
UPPER LIMIT				13.41		
LOWER LIMIT				13.21		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-70885/1		01/24/2012 19:53	B012412_002.d	13.31		
MB 600-70736/1-A		01/24/2012 20:28	B012412_003.d	13.31		
LCS 600-70736/2-A		01/24/2012 21:03	B012412_004.d	13.31		
CCV 600-70885/12		01/25/2012 02:27	B012412_013.d	13.31		
600-49066-7	Trip Blank	01/25/2012 17:40	B012412_027.d	13.31		
CCV 600-70885/25		01/25/2012 18:15	B012412_028.d	13.31		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Sample No.: CCVRT 600-70964/1 Date Analyzed: 01/25/2012 19:46

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): A012512_002.d Heated Purge: (Y/N) N

Calibration ID: 762

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				12.97		
UPPER LIMIT				13.07		
LOWER LIMIT				12.87		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-70964/1		01/25/2012 19:46	A012512_002.d	12.97		
MB 600-70837/1-A		01/25/2012 20:20	A012512_003.d	12.97		
LCS 600-70837/2-A		01/25/2012 20:55	A012512_004.d	12.97		
600-49066-1	2012-FWCS-9	01/26/2012 01:28	A012512_012.d	12.97		
CCV 600-70964/12		01/26/2012 02:02	A012512_013.d	12.97		
600-49066-2	2012-FWCS-1	01/26/2012 02:36	A012512_014.d	12.97		
600-49066-3	2012-FWCS-8	01/26/2012 03:10	A012512_015.d	12.97		
CCV 600-70964/23		01/26/2012 08:18	A012512_024.d	12.97		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

Client Sample ID: 2012-FWCS-9 | Lab Sample ID: 600-49066-1

Matrix: Solid | Lab File ID: A012512_012.d

Analysis Method: TX 1005 | Date Collected: 01/18/2012 10:28

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/25/2012 11:01

Sample wt/vol: 10.05(g) | Date Analyzed: 01/26/2012 01:28

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 31.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70964 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.73	U	36.0	6.73
STL00035	>C12-C28	8.74	U	36.0	8.74
STL00147	>C28-C35	13.8	U	36.0	13.8
STL00006	C6-C35	13.8	U	36.0	13.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	103		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012512A.b\A012512_012.d
Lab Smp Id: 600-49066-A-1-B Client Smp ID: 2012-FWCS-9
Inj Date : 26-JAN-2012 01:28
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49066-A-1-B
Misc Info : 600-49066-A-1-B
Comment :
Method : \\housvr4\chem\FID-07.i\012512A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.050	Sample Weight
Uf	2.000	Unit Factor
M	30.989	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
Compounds	RT	EXP RT	DLT RT	RESPONSE			
S 1 C6-C12	2.400-9.000			6018		0.34184	0.493(a)
$ 4 O-Terphenyl	12.973	13.021	-0.048	316344		12.9023	18.60
S 5 Total C6-C35				6018		0.34184	0.493(a)

QC Flag Legend

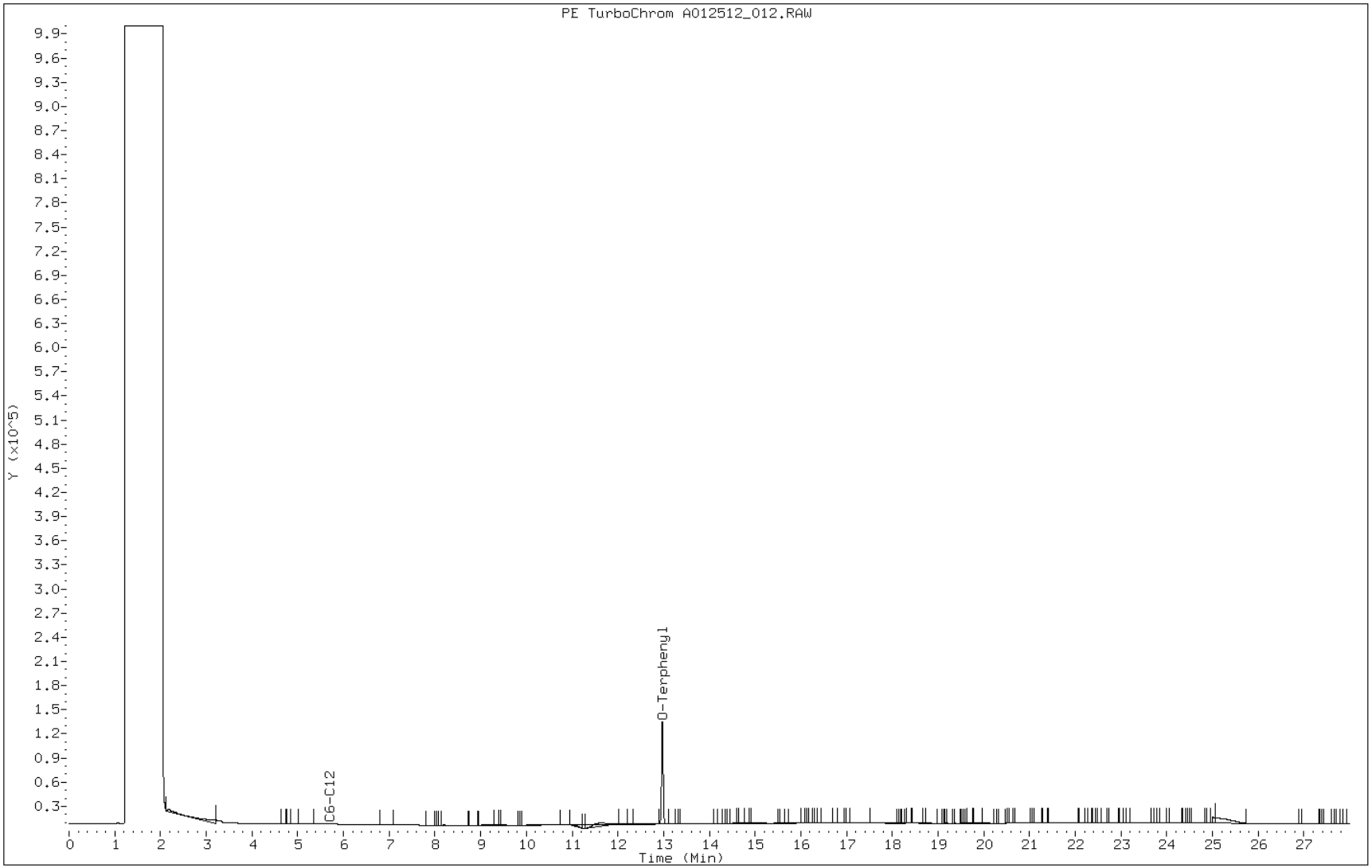
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: A012512_012.d

Date: 26-JAN-2012 01:28

Client ID: 2012-FWCS-9 Instrument: FID-07.i

Sample Info: 600-49066-A-1-B Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

Client Sample ID: 2012-FWCS-1 | Lab Sample ID: 600-49066-2

Matrix: Solid | Lab File ID: A012512_014.d

Analysis Method: TX 1005 | Date Collected: 01/18/2012 11:42

Extraction Method: TX_1005_S_Prep | Date Extracted: 01/25/2012 11:01

Sample wt/vol: 10.02(g) | Date Analyzed: 01/26/2012 02:36

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 22.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70964 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	5.99	U	32.1	5.99
STL00035	>C12-C28	7.78	U	32.1	7.78
STL00147	>C28-C35	12.3	U	32.1	12.3
STL00006	C6-C35	12.3	U	32.1	12.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	105		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012512A.b\A012512_014.d
Lab Smp Id: 600-49066-A-2-E Client Smp ID: 2012-FWCS-1
Inj Date : 26-JAN-2012 02:36
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49066-A-2-E
Misc Info : 600-49066-A-2-E
Comment :
Method : \\housvr4\chem\FID-07.i\012512A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.020	Sample Weight
Uf	2.000	Unit Factor
M	22.237	% Moisture
Cpnd Variable		Local Compound Variable

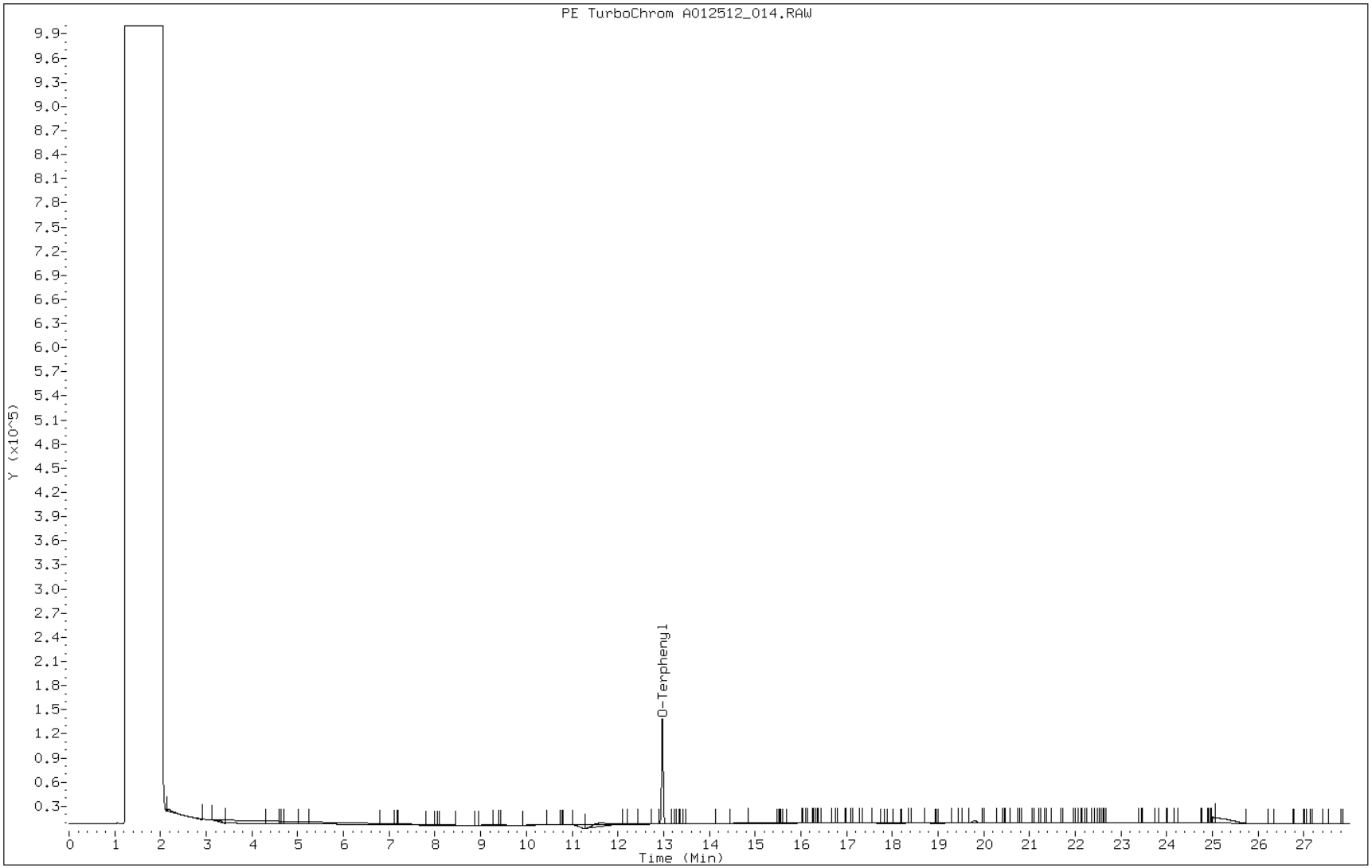
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
$ 4 O-Terphenyl	12.973	13.021	-0.048	322802	13.1657	16.90

Data File: A012512_014.d

Date: 26-JAN-2012 02:36

Client ID: 2012-FWCS-1 Instrument: FID-07.i

Sample Info: 600-49066-A-2-E Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Client Sample ID: 2012-FWCS-8 Lab Sample ID: 600-49066-3

Matrix: Solid Lab File ID: A012512_015.d

Analysis Method: TX 1005 Date Collected: 01/18/2012 12:16

Extraction Method: TX_1005_S_Prep Date Extracted: 01/25/2012 11:01

Sample wt/vol: 10.00(g) Date Analyzed: 01/26/2012 03:10

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 25.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 70964 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.22	U	33.3	6.22
STL00035	>C12-C28	8.08	U	33.3	8.08
STL00147	>C28-C35	12.8	U	33.3	12.8
STL00006	C6-C35	12.8	U	33.3	12.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	105		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012512A.b\A012512_015.d
Lab Smp Id: 600-49066-B-3-A Client Smp ID: 2012-FWCS-8
Inj Date : 26-JAN-2012 03:10
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49066-B-3-A
Misc Info : 600-49066-B-3-A
Comment :
Method : \\housvr4\chem\FID-07.i\012512A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	24.972	% Moisture
Cpnd Variable		Local Compound Variable

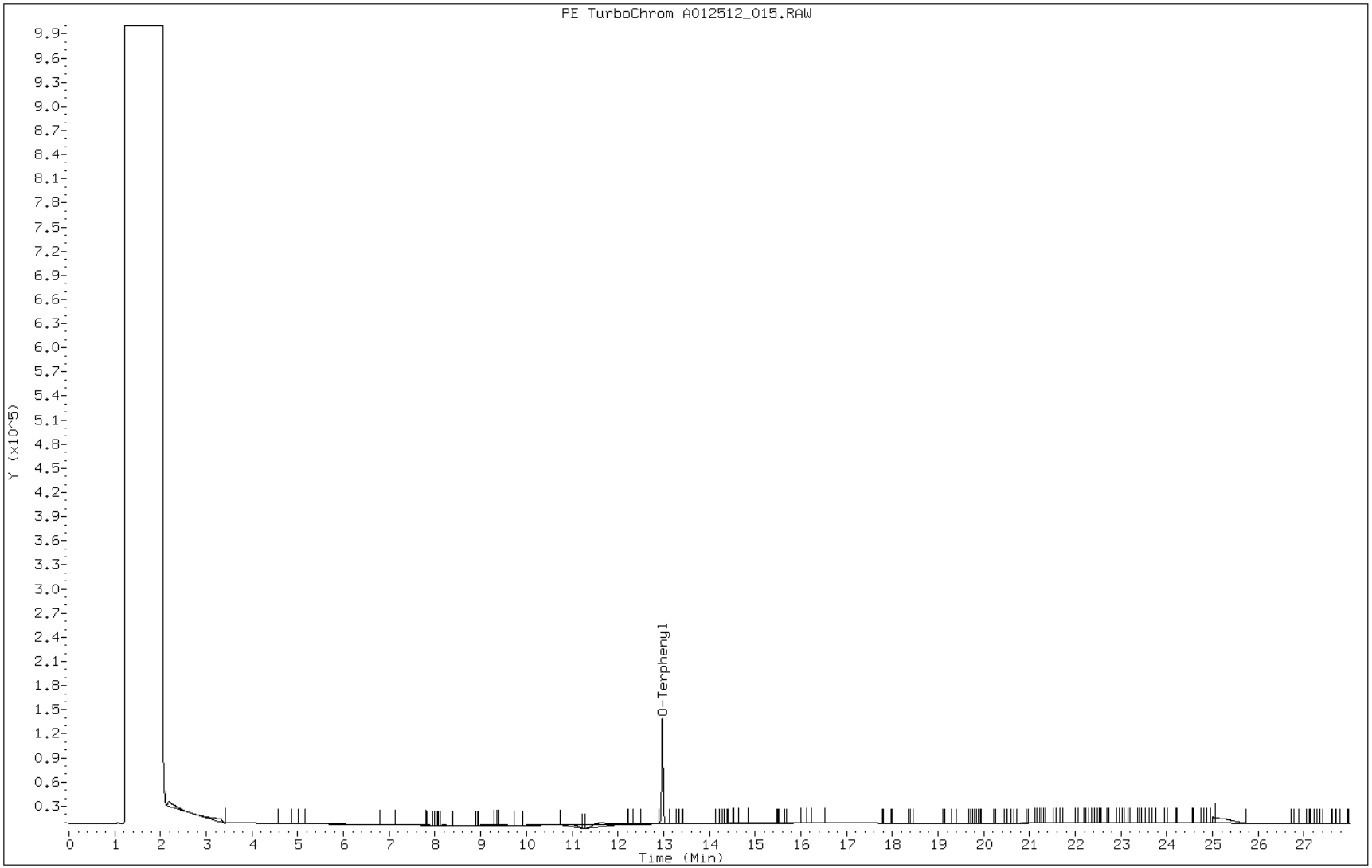
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	12.973	13.021	-0.048	321007	13.0924	17.45

Data File: A012512_015.d

Date: 26-JAN-2012 03:10

Client ID: 2012-FWCS-8 Instrument: FID-07.i

Sample Info: 600-49066-B-3-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

Client Sample ID: Field Blank 3 | Lab Sample ID: 600-49066-5

Matrix: Water | Lab File ID: A012412_022.d

Analysis Method: TX 1005 | Date Collected: 01/18/2012 14:24

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/24/2012 16:07

Sample wt/vol: 30.80(mL) | Date Analyzed: 01/25/2012 14:22

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70845 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.360	U	4.87	0.360
STL00035	>C12-C28	1.71	J	4.87	0.312
STL00147	>C28-C35	0.545	U	4.87	0.545
STL00006	C6-C35	1.71	J	4.87	0.545

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	100		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012412A.b\A012412_022.d
Lab Smp Id: 600-49066-A-5-A Client Smp ID: Field Blank 3
Inj Date : 25-JAN-2012 14:22
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49066-A-5-A
Misc Info : 600-49066-A-5-A
Comment :
Method : \\housvr4\chem\FID-07.i\012412A.b\1005A.m
Meth Date : 25-Jan-2012 11:18 jsacco Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.800	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$	4 O-Terphenyl	12.976	13.013	-0.037	410338	16.7359	1.63(R)
S	2 >C12-C28	9.010-16.649			272515	17.5479	1.71(a)
S	5 Total C6-C35				272515	17.5479	1.71(a)

QC Flag Legend

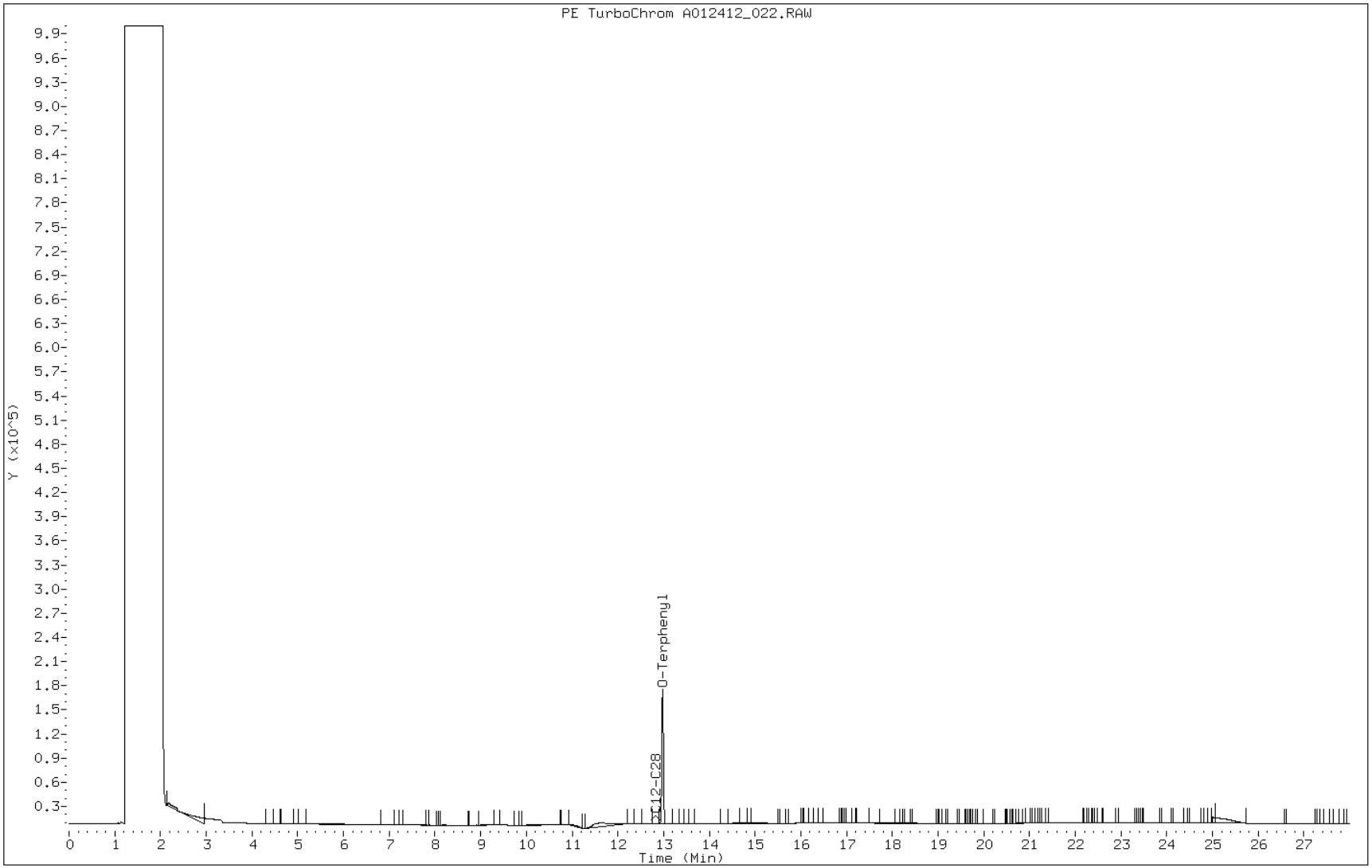
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: A012412_022.d

Date: 25-JAN-2012 14:22

Client ID: Field Blank 3 Instrument: FID-07.i

Sample Info: 600-49066-A-5-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

Client Sample ID: Equipment Blank 7 | Lab Sample ID: 600-49066-6

Matrix: Water | Lab File ID: A012412_024.d

Analysis Method: TX 1005 | Date Collected: 01/18/2012 14:40

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/24/2012 16:07

Sample wt/vol: 30.54(mL) | Date Analyzed: 01/25/2012 15:33

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70845 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.363	U	4.91	0.363
STL00035	>C12-C28	0.314	U	4.91	0.314
STL00147	>C28-C35	0.550	U	4.91	0.550
STL00006	C6-C35	0.550	U	4.91	0.550

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	100		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412A.b\A012412_024.d
Lab Smp Id: 600-49066-B-6-A
Inj Date : 25-JAN-2012 15:33
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49066-B-6-A
Misc Info : 024
Comment :
Method : \\housvr4\chem\FID-07.i\012412A.b\1005A.m
Meth Date : 25-Jan-2012 17:11 jsacco Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	12.976	13.013	-0.037	408219	16.6494	16.65(R)

QC Flag Legend

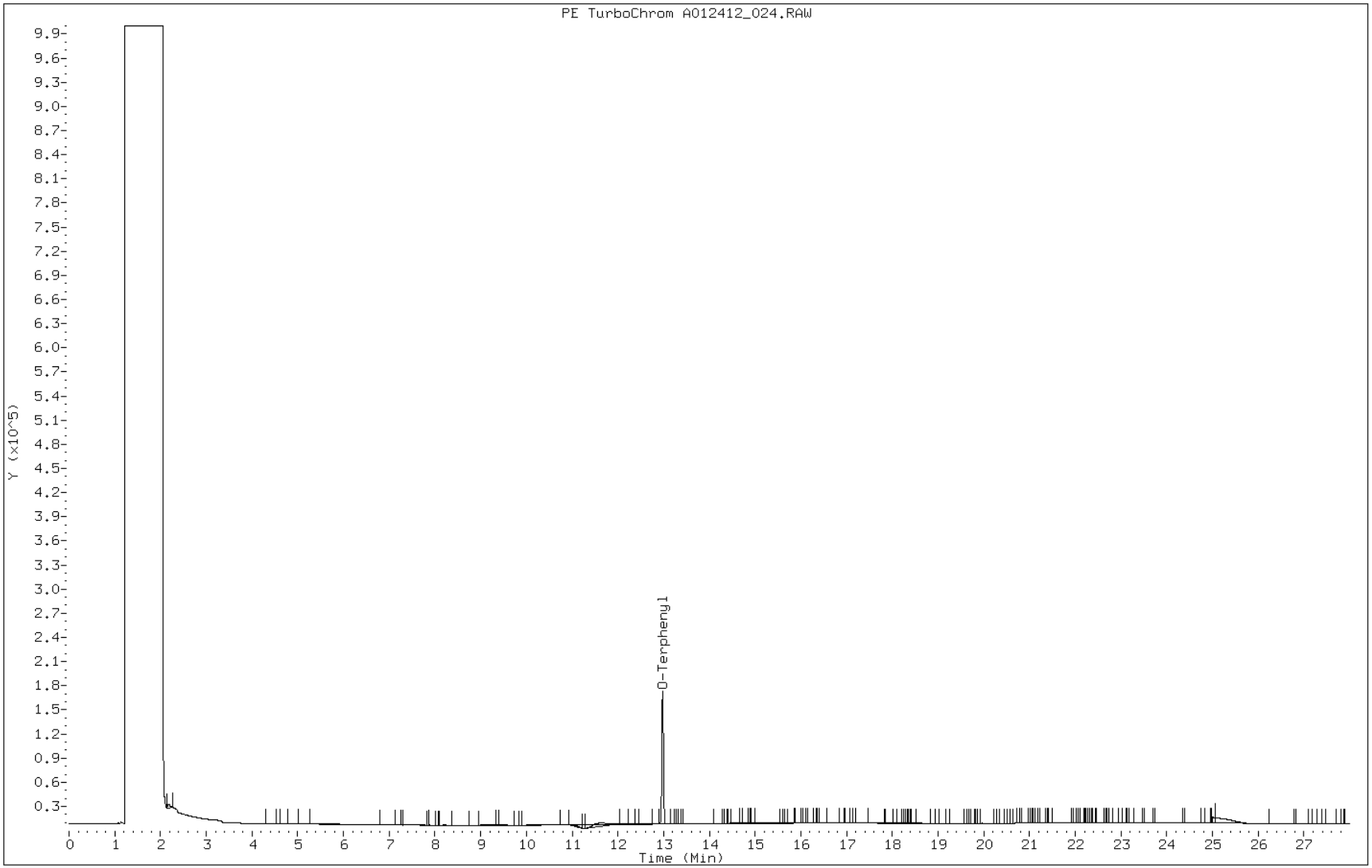
R - Spike/Surrogate failed recovery limits.

Data File: A012412_024.d

Date: 25-JAN-2012 15:33

Client ID: Instrument: FID-07.i

Sample Info: 600-49066-B-6-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 600-49066-7

Matrix: Water | Lab File ID: B012412_027.d

Analysis Method: TX 1005 | Date Collected: 01/18/2012 00:00

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/24/2012 16:07

Sample wt/vol: 30.32(mL) | Date Analyzed: 01/25/2012 17:40

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70885 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.366	U	4.95	0.366
STL00035	>C12-C28	0.317	U	4.95	0.317
STL00147	>C28-C35	0.554	U	4.95	0.554
STL00006	C6-C35	0.554	U	4.95	0.554

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412B.b\B012412_027.d
Lab Smp Id: 600-49066-A-7-A Client Smp ID: Trip Blank
Inj Date : 25-JAN-2012 17:40
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49066-A-7-A
Misc Info : 600-49066-A-7-A
Comment :
Method : \\housvr4\chem\FID-07.i\012412B.b\1005B.m
Meth Date : 25-Jan-2012 11:13 jsacco Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.320	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
$ 4 O-Terphenyl	13.310	13.323	-0.013	450217	14.4840	1.43

Data File: B012412_027.d

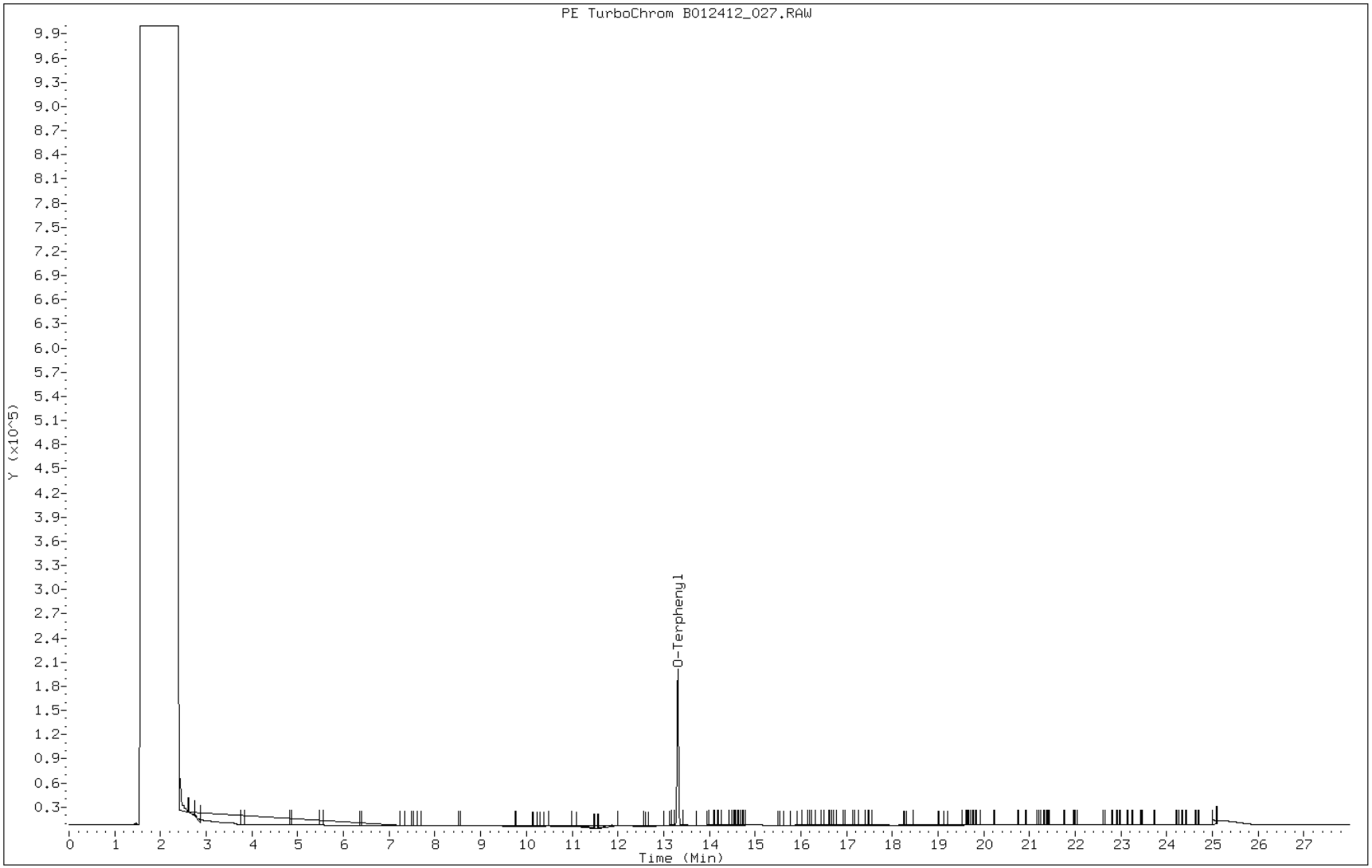
Date: 25-JAN-2012 17:40

Client ID: Trip Blank

Instrument: FID-07.i

Sample Info: 600-49066-A-7-A

Operator: vanderborghr



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C12	5.600	5.600	5.600	5.600	5.600	5.600					2.200 - 9.000	5.600
C6-C35	11.300	11.300	11.300	11.300	11.300	11.300					2.200 - 20.400	11.300
>C12-C28	12.950	12.950	12.950	12.950	12.950	12.950					9.100 - 16.800	12.950
>C28-C35	18.650	18.650	18.650	18.650	18.650	18.650					16.900 - 20.400	18.650
o-Terphenyl	13.020	13.023	13.020	13.020	13.020	13.020					12.921 - 13.121	13.021

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-49066-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
C6-C12	16123 17162	17773 18356	19650	16565	Ave		17604.6831				7.3		25.0			
C6-C35	41728 45820	50512 46805	56954	44506	Ave		47720.8340				11.2		25.0			
>C12-C28	13891 15254	15901 15244	18145	14744	Ave		15529.7532				9.3		25.0			
>C28-C35	11714 13405	16837 13206	19159	13197	Ave		14586.3976				19.3		25.0			
o-Terphenyl	22091 23450	26235 23373	29832	22130	Ave		24518.4833				12.3		25.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-49066-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
C6-C12	Ave	806158 18355550	1777290	3930005	6625971	13729229	50.0 1000	100	200	400	800
C6-C35	Ave	2086404 46805385	5051166	11390776	17802396	36656007	50.0 1000	100	200	400	800
>C12-C28	Ave	694535 15243813	1590134	3628920	5897706	12203041	50.0 1000	100	200	400	800
>C28-C35	Ave	585711 13206022	1683742	3831851	5278719	10723737	50.0 1000	100	200	400	800
o-Terphenyl	Ave	69033 1460790	163969	372899	553257	1172523	3.13 62.5	6.25	12.5	25.0	50.0

Curve Type Legend:
Ave = Average

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_004.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 15:35
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 004
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			806158	50.0000	45.79
$	4 O-Terphenyl	13.020	13.020	0.000	69033	3.12500	2.82(M)
S	2 >C12-C28	9.100-16.800			694535	50.0000	44.72
S	3 >C28-C35	16.899-20.400			585711	50.0000	40.15
S	5 Total C6-C35				2086404	50.0000	130.7

QC Flag Legend

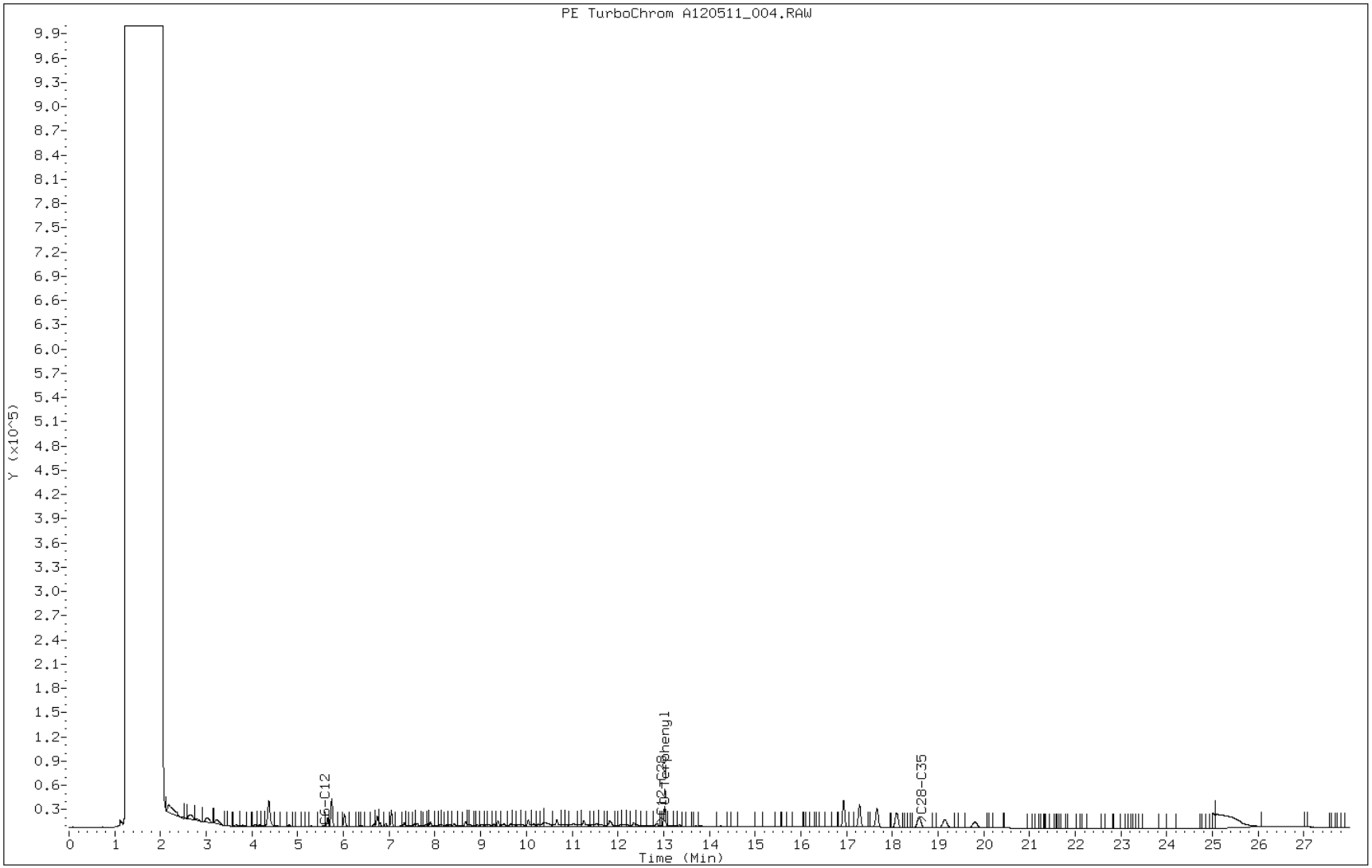
M - Compound response manually integrated.

Data File: A120511_004.d

Date: 05-DEC-2011 15:35

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: A120511_004.d
Inj. Date and Time: 05-DEC-2011 15:35
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/06/2011

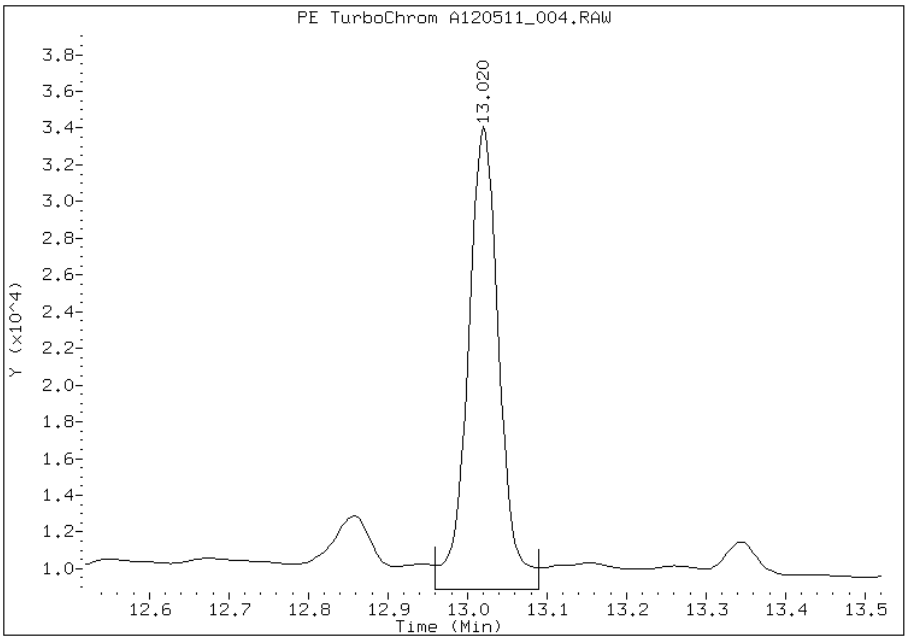
Processing Integration Results

RT: 13.02

Response: 68702

Amount: 2.80

Conc: 2.80



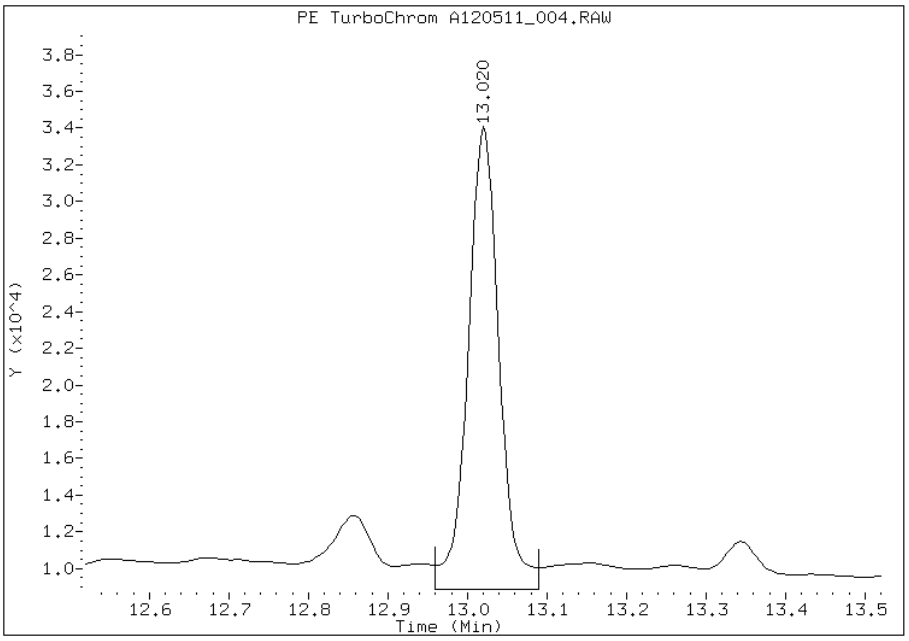
Manual Integration Results

RT: 13.02

Response: 69033

Amount: 2.82

Conc: 2.82



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_005.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 16:23
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 005
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 15:35 Cal File: A120511_004.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

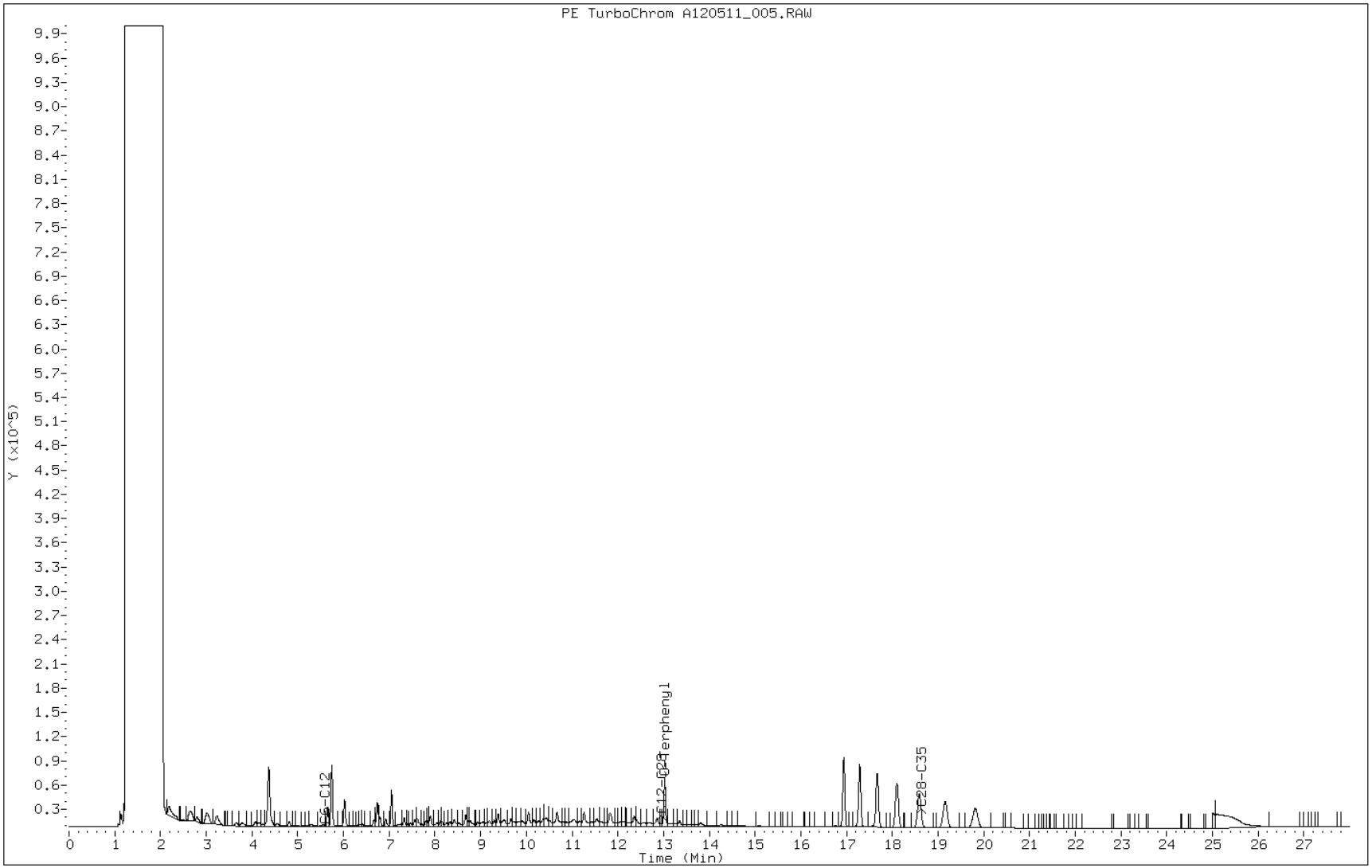
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(ug/mL)
S 1 C6-C12	2.200	-9.000		1777290		100.000	101.0
$ 4 O-Terphenyl	13.023	13.020	0.003	163969		6.25000	6.69
S 2 >C12-C28	9.100	-16.800		1590134		100.000	102.4
S 3 >C28-C35	16.899	-20.400		1683742		100.000	115.4
S 5 Total C6-C35				5051166		100.000	318.8

Data File: A120511_005.d

Date: 05-DEC-2011 16:23

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_006.d
Lab Smp Id: ICRT
Inj Date : 05-DEC-2011 17:03
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 006
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 07-Dec-2011 15:25 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 16:23 Cal File: A120511_005.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3930005	200.000	223.2
$	4 O-Terphenyl	13.020	13.020	0.000	372899	12.5000	15.21
S	2 >C12-C28	9.010-16.649			3628920	200.000	233.7(M)
S	3 >C28-C35	16.651-20.400			3831851	200.000	262.7(M)
S	5 Total C6-C35				11390776	200.000	719.6

QC Flag Legend

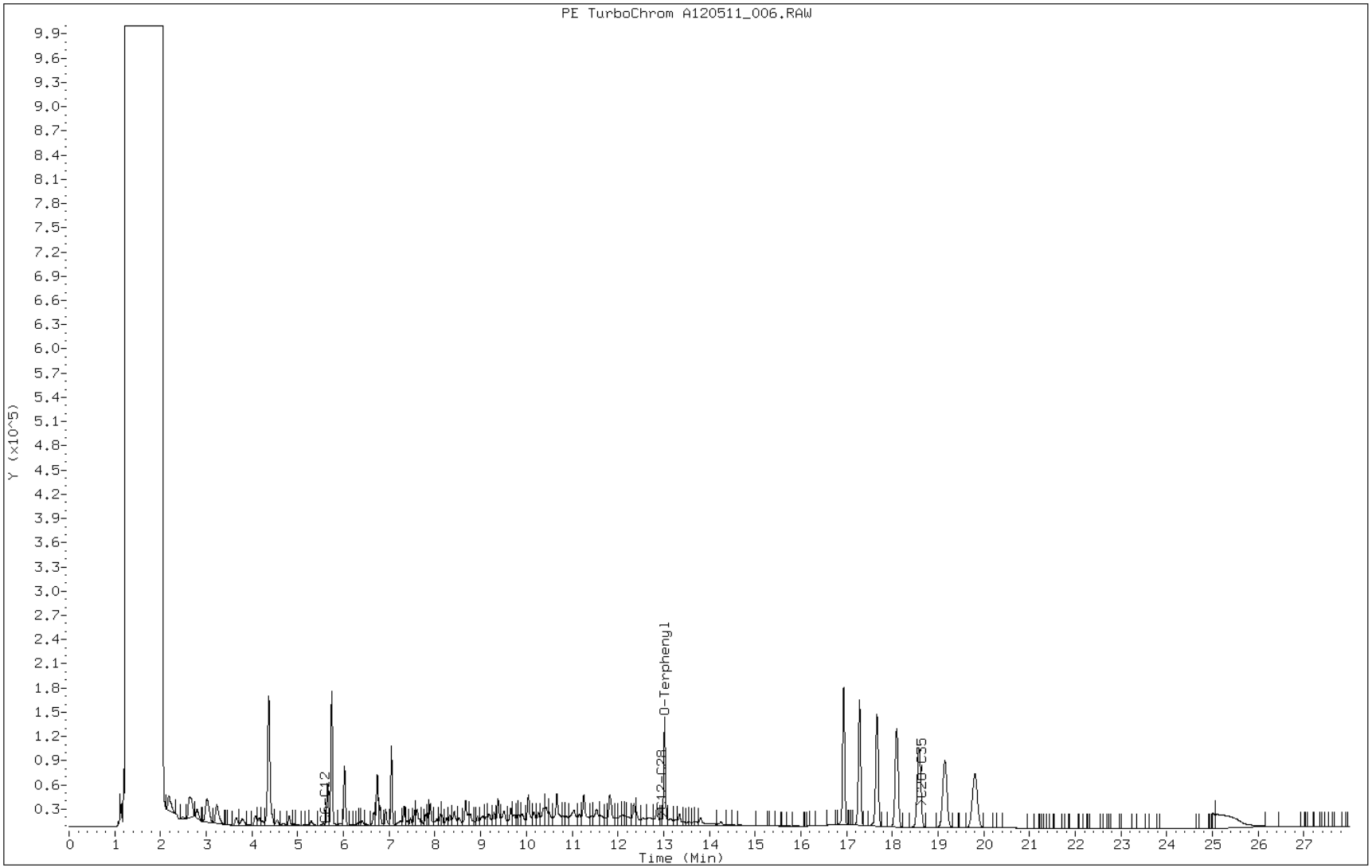
M - Compound response manually integrated.

Data File: A120511_006.d

Date: 05-DEC-2011 17:03

Client ID: Instrument: FID-07.i

Sample Info: ICRT Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_007.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 17:44
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 007
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

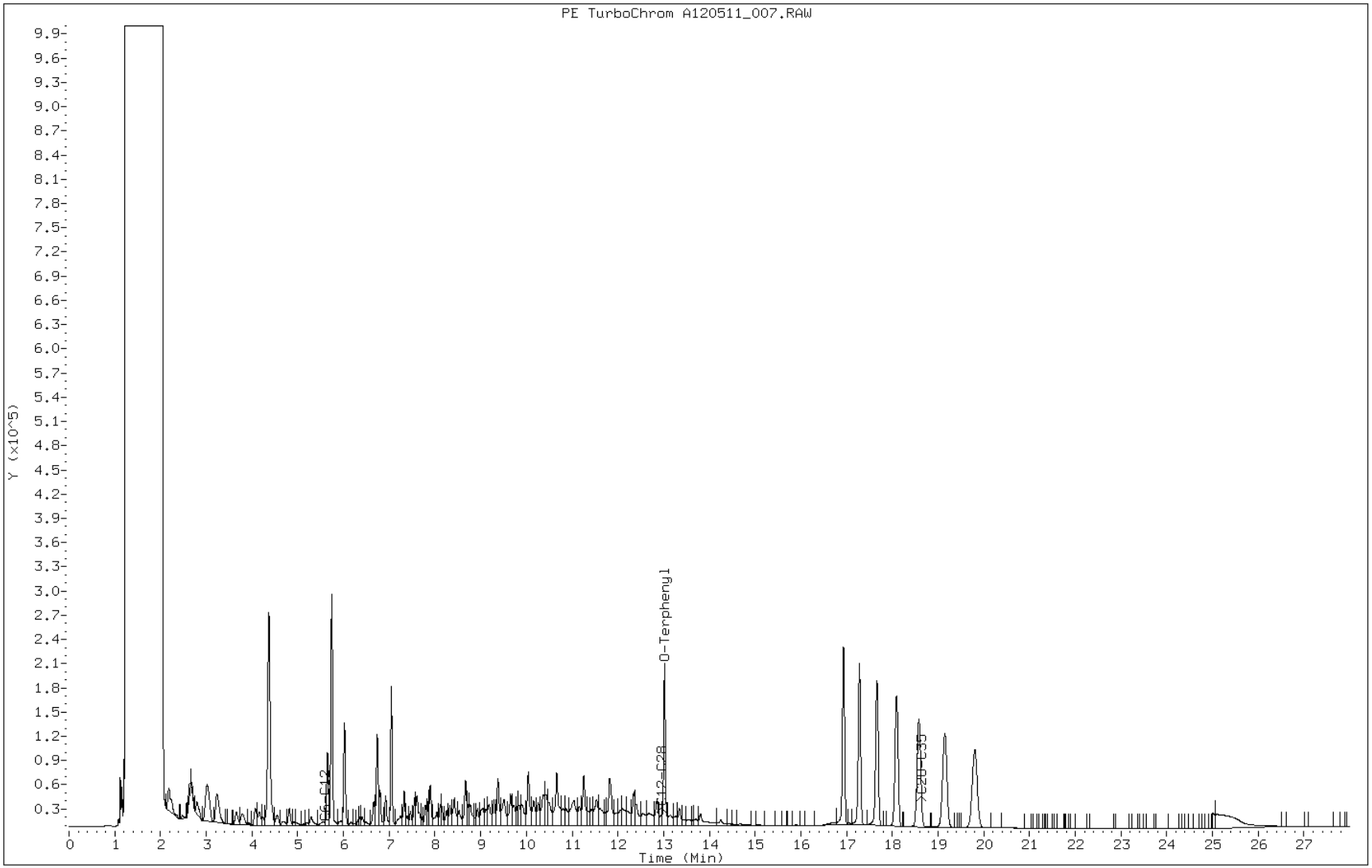
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			6625971	400.000	376.4
$	4 O-Terphenyl	13.020	13.020	0.000	553257	25.0000	22.56
S	2 >C12-C28	9.100-16.800			5897706	400.000	379.8
S	3 >C28-C35	16.899-20.400			5278719	400.000	361.9
S	5 Total C6-C35				17802396	400.000	1118

Data File: A120511_007.d

Date: 05-DEC-2011 17:44

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_008.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 18:25
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 008
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:44 Cal File: A120511_007.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

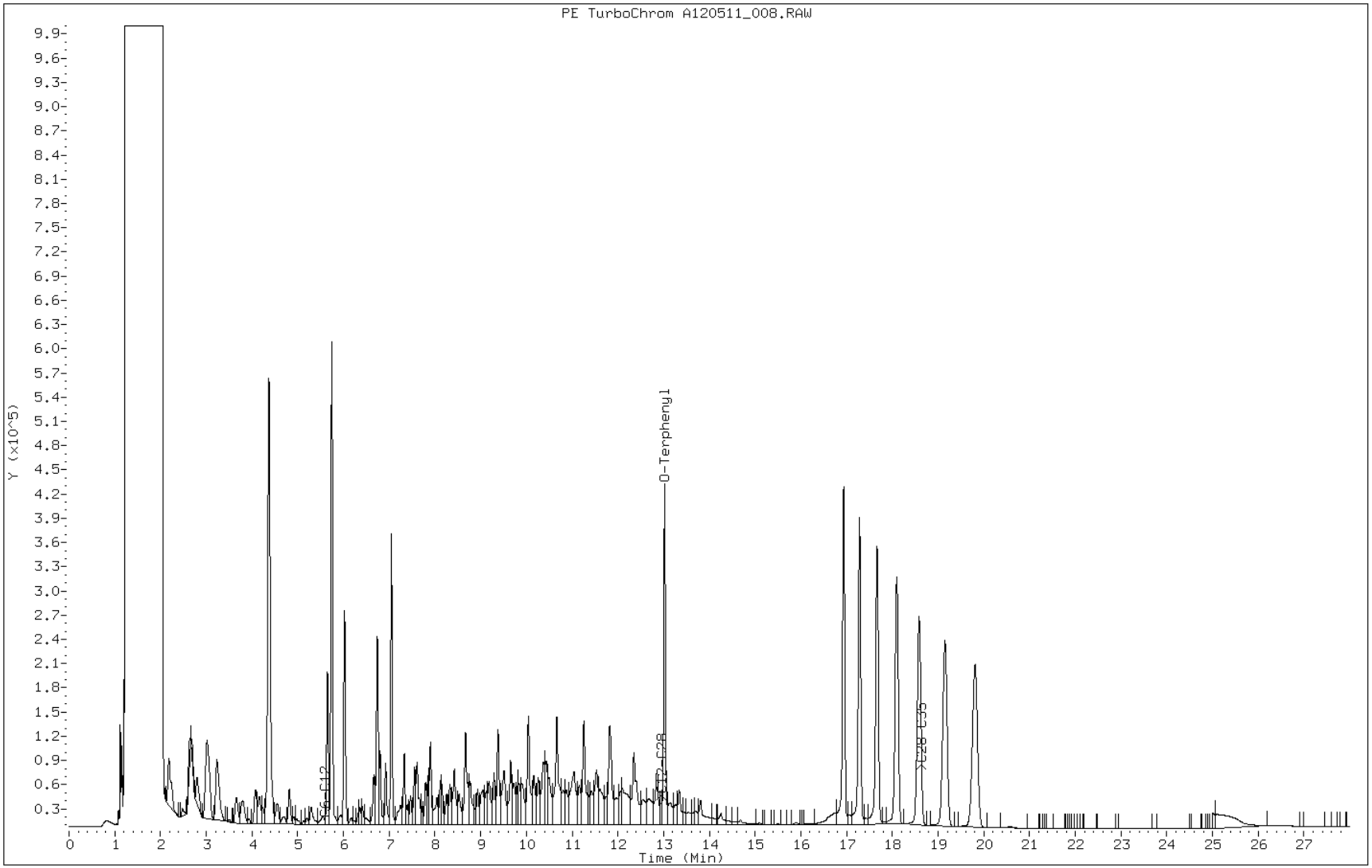
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			13729229	800.000	779.9
$	4 O-Terphenyl	13.020	13.020	0.000	1172523	50.0000	47.82
S	2 >C12-C28	9.100-16.800			12203041	800.000	785.8
S	3 >C28-C35	16.899-20.400			10723737	800.000	735.2
S	5 Total C6-C35				36656007	800.000	2301

Data File: A120511_008.d

Date: 05-DEC-2011 18:25

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_009.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 19:06
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 009
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 18:25 Cal File: A120511_008.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			18355550	1000.00	1043(A)
$	4 O-Terphenyl	13.020	13.020	0.000	1460790	62.5000	59.58
S	2 >C12-C28	9.100-16.800			15243813	1000.00	981.6
S	3 >C28-C35	16.899-20.400			13206022	1000.00	905.4
S	5 Total C6-C35				46805385	1000.00	2930

QC Flag Legend

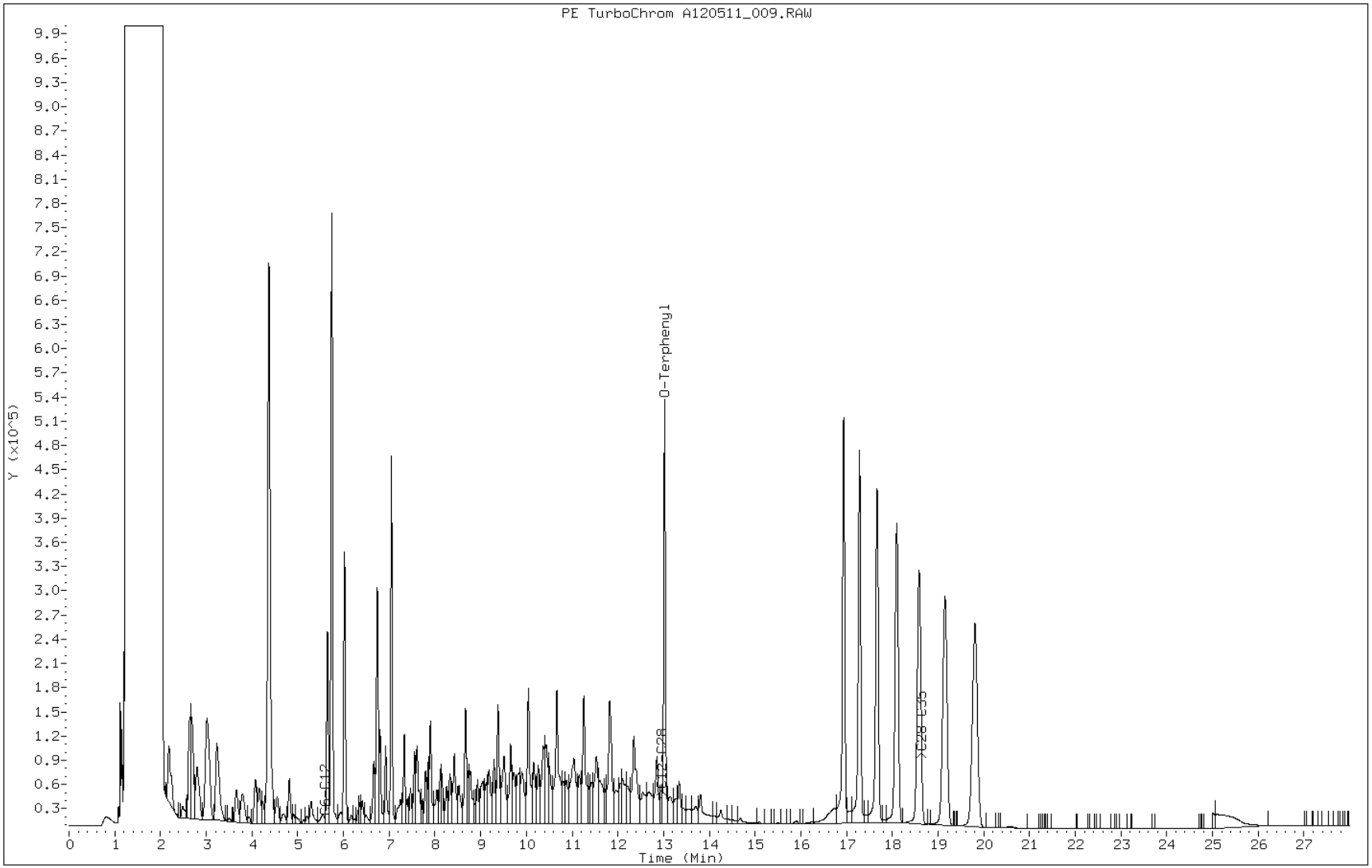
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: A120511_009.d

Date: 05-DEC-2011 19:06

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
C6-C12	5.050	5.050	5.050	5.050	5.050	5.050	5.050				2.600 - 7.500	5.050
>C12-C28	11.455	11.455	11.455	11.455	11.455	11.455	11.455				7.510 - 15.400	11.455
C6-C35	11.700	11.700	11.700	11.700	11.700	11.700	11.700				2.600 - 20.800	11.700
>C28-C35	18.105	18.105	18.105	18.105	18.105	18.105	18.105				15.410 - 20.800	18.105
o-Terphenyl	13.323	13.323	13.323	13.323	13.320	13.323	13.323				13.223 - 13.423	13.323

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-49066-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
C6-C12	18394 16069	18061 16539	17201 15810	16159	Ave		16890.3479				6.0		25.0			
>C12-C28	20769 24589	22641 25121	24341 24317	24211	Ave		23712.6569				6.3		25.0			
C6-C35	62470 62390	64382 64906	66738 62992	63392	Ave		63895.9426				2.4		25.0			
>C28-C35	23308 21732	23680 23246	25197 22865	23023	Ave		23292.9378				4.5		25.0			
o-Terphenyl	31428 29706	32314 31298	32224 30288	30328	Ave		31083.6926				3.2		25.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-49066-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
C6-C12	Ave	459846 13231331	903029 15810439	1720056	3231767	6427607	25.0 800	50.0 1000	100	200	400
>C12-C28	Ave	519221 20096874	1132058 24316636	2434090	4842155	9835678	25.0 800	50.0 1000	100	200	400
C6-C35	Ave	1561761 51924920	3219090 62992463	6673808	12678475	24956116	25.0 800	50.0 1000	100	200	400
>C28-C35	Ave	582694 18596715	1184003 22865388	2519662	4604553	8692831	25.0 800	50.0 1000	100	200	400
o-Terphenyl	Ave	49106 1564880	100980 1893028	201402	379097	742657	1.56 50.0	3.13 62.5	6.25	12.5	25.0

Curve Type Legend:
Ave = Average

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_003.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 17:54
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			459846	25.0000	27.23
$	4 O-Terphenyl	13.323	13.322	0.001	49106	1.56250	1.58(M)
S	2 >C12-C28	7.510-15.400			519221	25.0000	21.90
S	3 >C28-C35	15.410-20.800			582694	25.0000	25.02
S	5 Total C6-C35				1561761	25.0000	74.14

QC Flag Legend

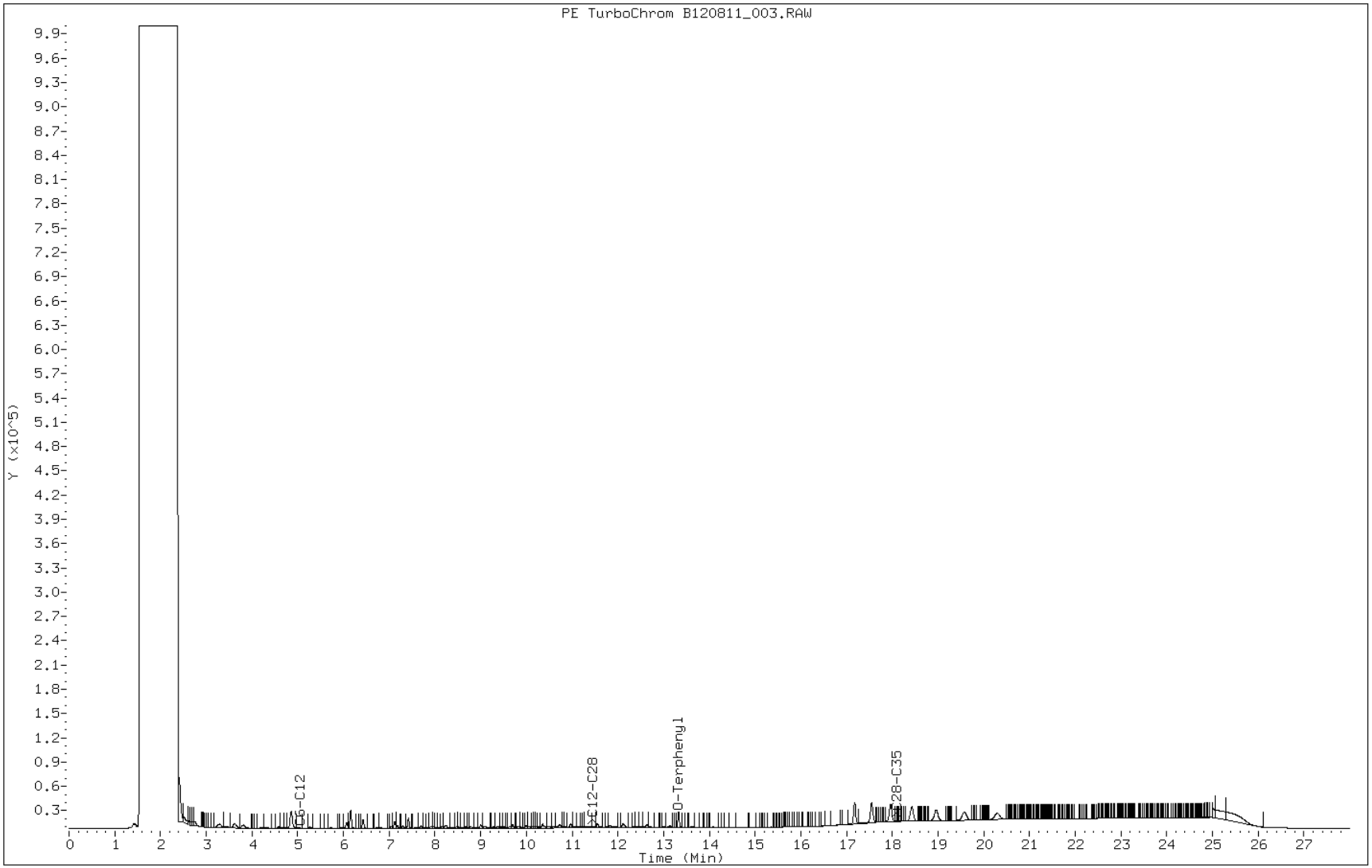
M - Compound response manually integrated.

Data File: B120811_003.d

Date: 08-DEC-2011 17:54

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_003.d
Inj. Date and Time: 08-DEC-2011 17:54
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

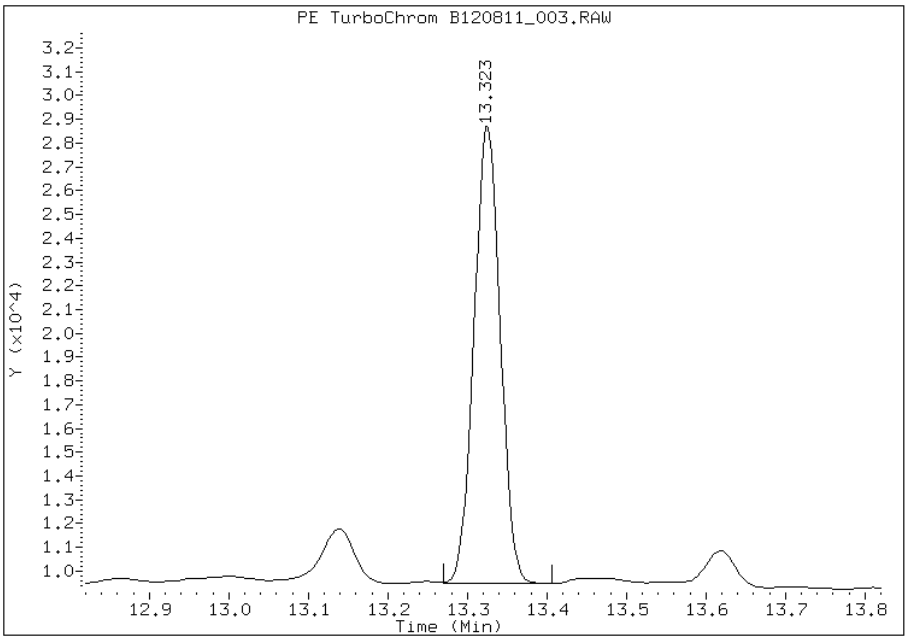
Processing Integration Results

RT: 13.32

Response: 44181

Amount: 1.51

Conc: 1.51



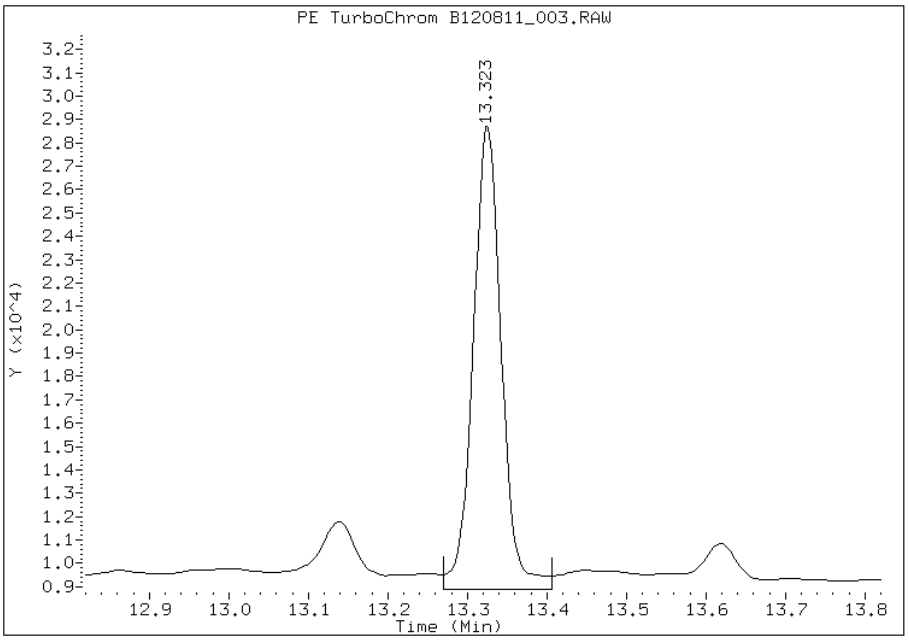
Manual Integration Results

RT: 13.32

Response: 49106

Amount: 1.58

Conc: 1.58



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_004.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 18:33
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 17:54 Cal File: B120811_003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			903029	50.0000	53.46
$	4 O-Terphenyl	13.323	13.322	0.001	100980	3.12500	3.25(M)
S	2 >C12-C28	7.510-15.400			1132058	50.0000	47.74
S	3 >C28-C35	15.410-20.800			1184003	50.0000	50.83
S	5 Total C6-C35				3219090	50.0000	152.0

QC Flag Legend

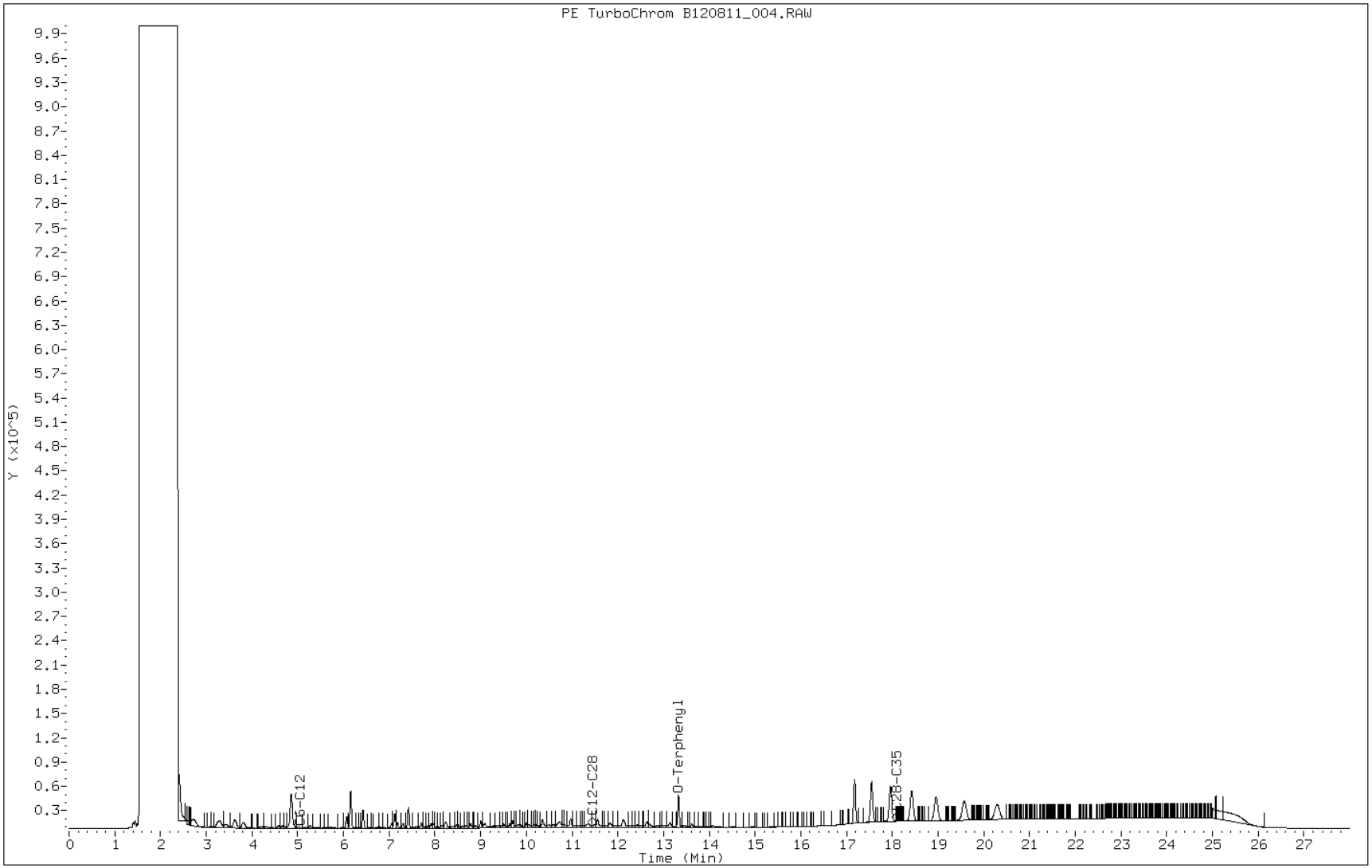
M - Compound response manually integrated.

Data File: B120811_004.d

Date: 08-DEC-2011 18:33

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_004.d
Inj. Date and Time: 08-DEC-2011 18:33
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

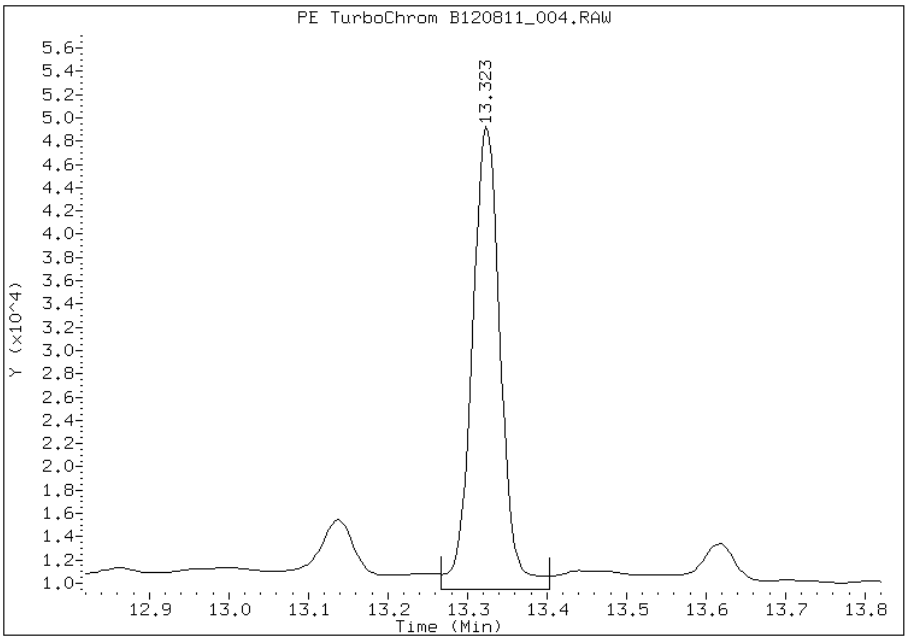
Processing Integration Results

RT: 13.32

Response: 99189

Amount: 3.21

Conc: 3.21



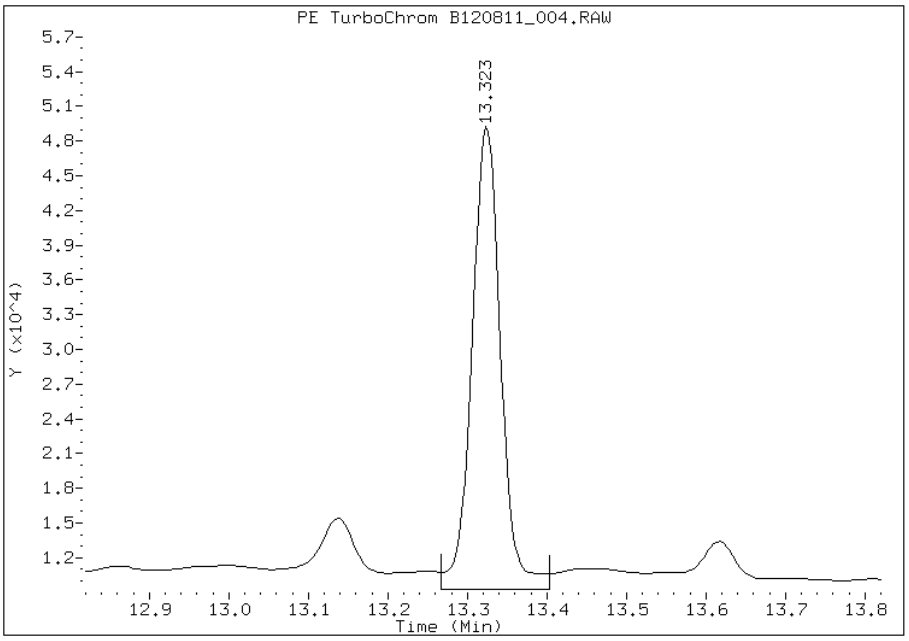
Manual Integration Results

RT: 13.32

Response: 100980

Amount: 3.25

Conc: 3.25



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_005.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 19:11
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 055
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 18:33 Cal File: B120811_004.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			1720056	100.000	101.8
$	4 O-Terphenyl	13.323	13.322	0.001	201402	6.25000	6.48(M)
S	2 >C12-C28	7.510-15.400			2434090	100.000	102.6
S	3 >C28-C35	15.410-20.800			2519662	100.000	108.2
S	5 Total C6-C35				6673808	100.000	312.7

QC Flag Legend

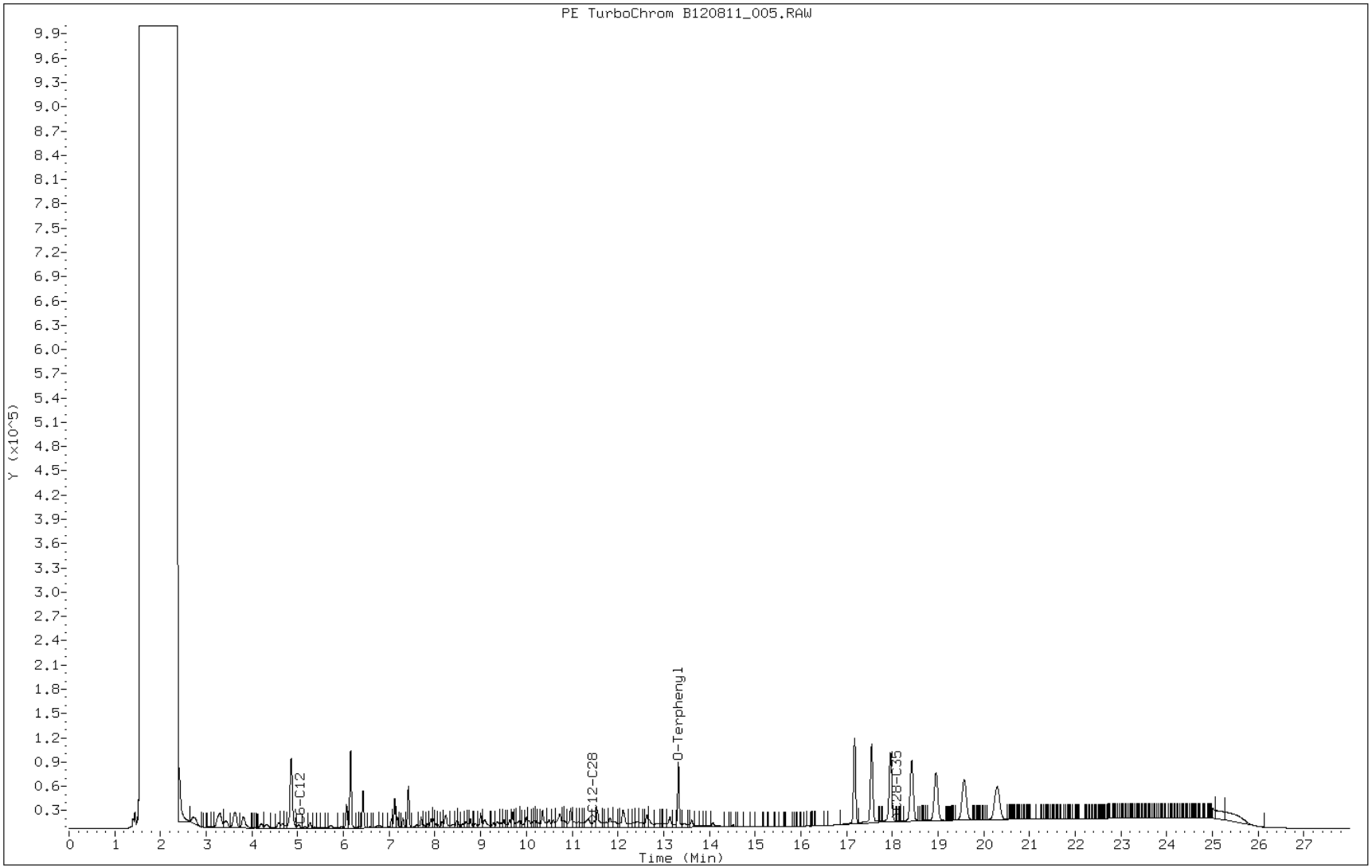
M - Compound response manually integrated.

Data File: B120811_005.d

Date: 08-DEC-2011 19:11

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_005.d
Inj. Date and Time: 08-DEC-2011 19:11
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

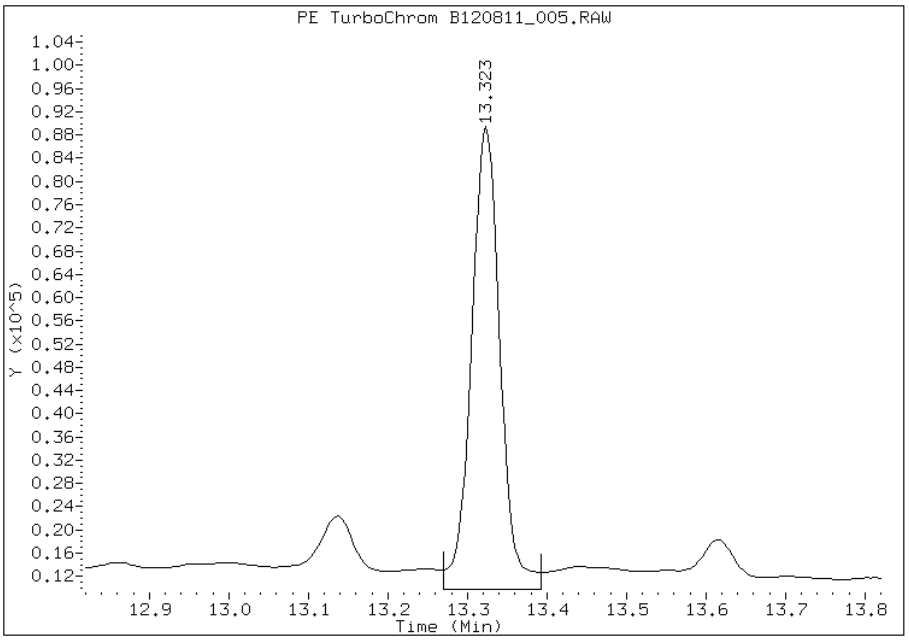
Processing Integration Results

RT: 13.32

Response: 200177

Amount: 6.47

Conc: 6.47



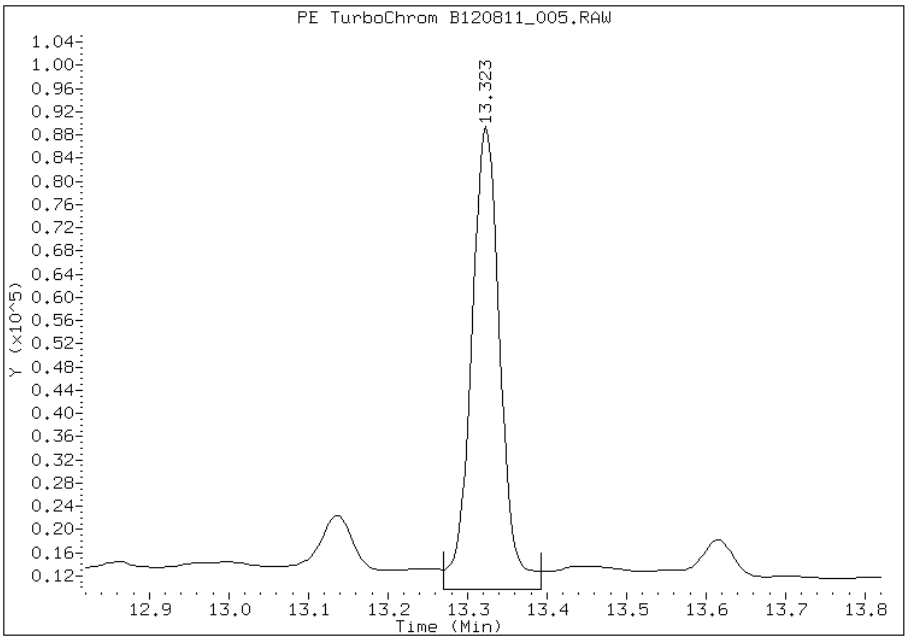
Manual Integration Results

RT: 13.32

Response: 201402

Amount: 6.48

Conc: 6.48



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_006.d
Lab Smp Id: ICRT
Inj Date : 08-DEC-2011 19:49
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 056
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:11 Cal File: B120811_005.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			3231767	200.000	191.3
$	4 O-Terphenyl	13.323	13.322	0.001	379097	12.5000	12.20(M)
S	2 >C12-C28	7.510-15.400			4842155	200.000	204.2
S	3 >C28-C35	15.410-20.800			4604553	200.000	197.7
S	5 Total C6-C35				12678475	200.000	593.2

QC Flag Legend

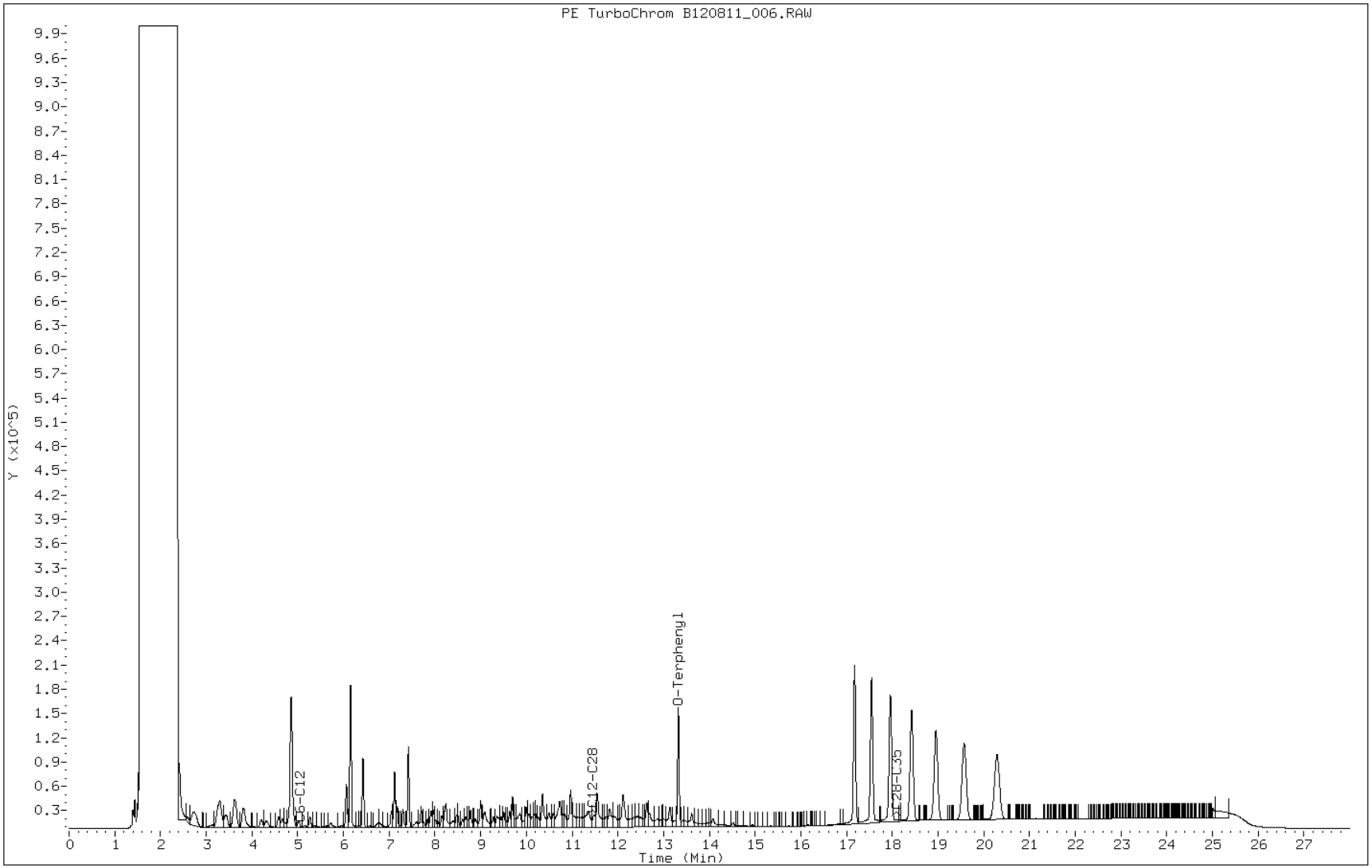
M - Compound response manually integrated.

Data File: B120811_006.d

Date: 08-DEC-2011 19:49

Client ID: Instrument: FID-07.i

Sample Info: ICRT Operator: kuventr



Manual Integration Report

Data File: B120811_006.d
Inj. Date and Time: 08-DEC-2011 19:49
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

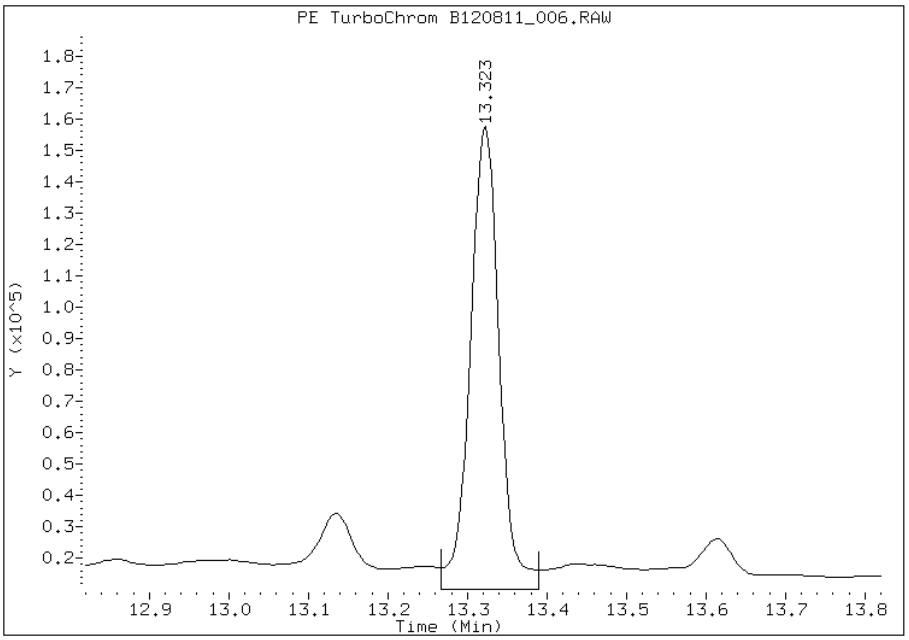
Processing Integration Results

RT: 13.32

Response: 375923

Amount: 12.14

Conc: 12.14



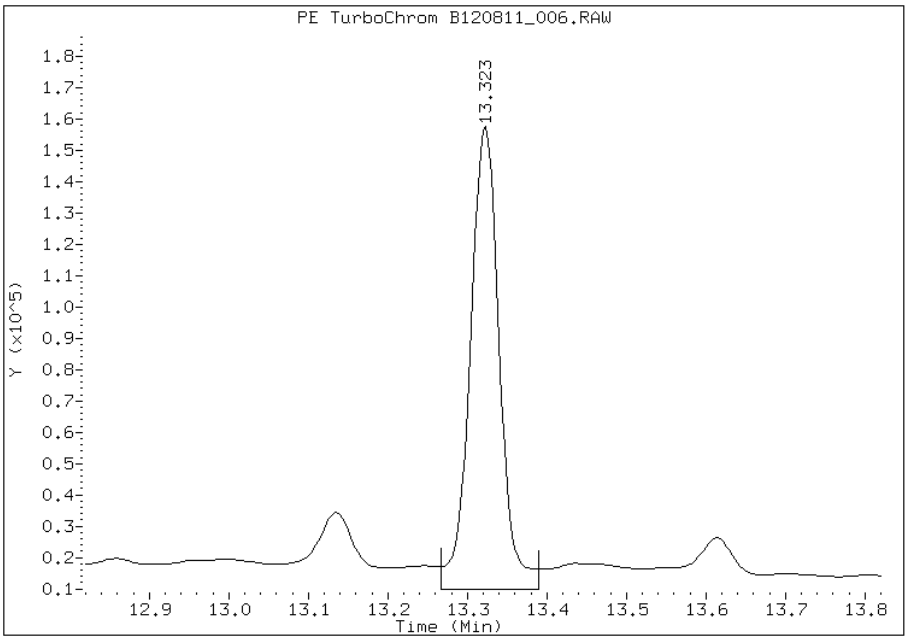
Manual Integration Results

RT: 13.32

Response: 379097

Amount: 12.20

Conc: 12.20



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_007.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 20:28
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 057
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:49 Cal File: B120811_006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		6427607	400.000	380.5
$	4 O-Terphenyl	13.320	13.322	-0.002	742657	25.0000	23.89(M)
S	2 >C12-C28	7.510	-15.400		9835678	400.000	414.8
S	3 >C28-C35	15.410	-20.800		8692831	400.000	373.2
S	5 Total C6-C35				24956116	400.000	1169

QC Flag Legend

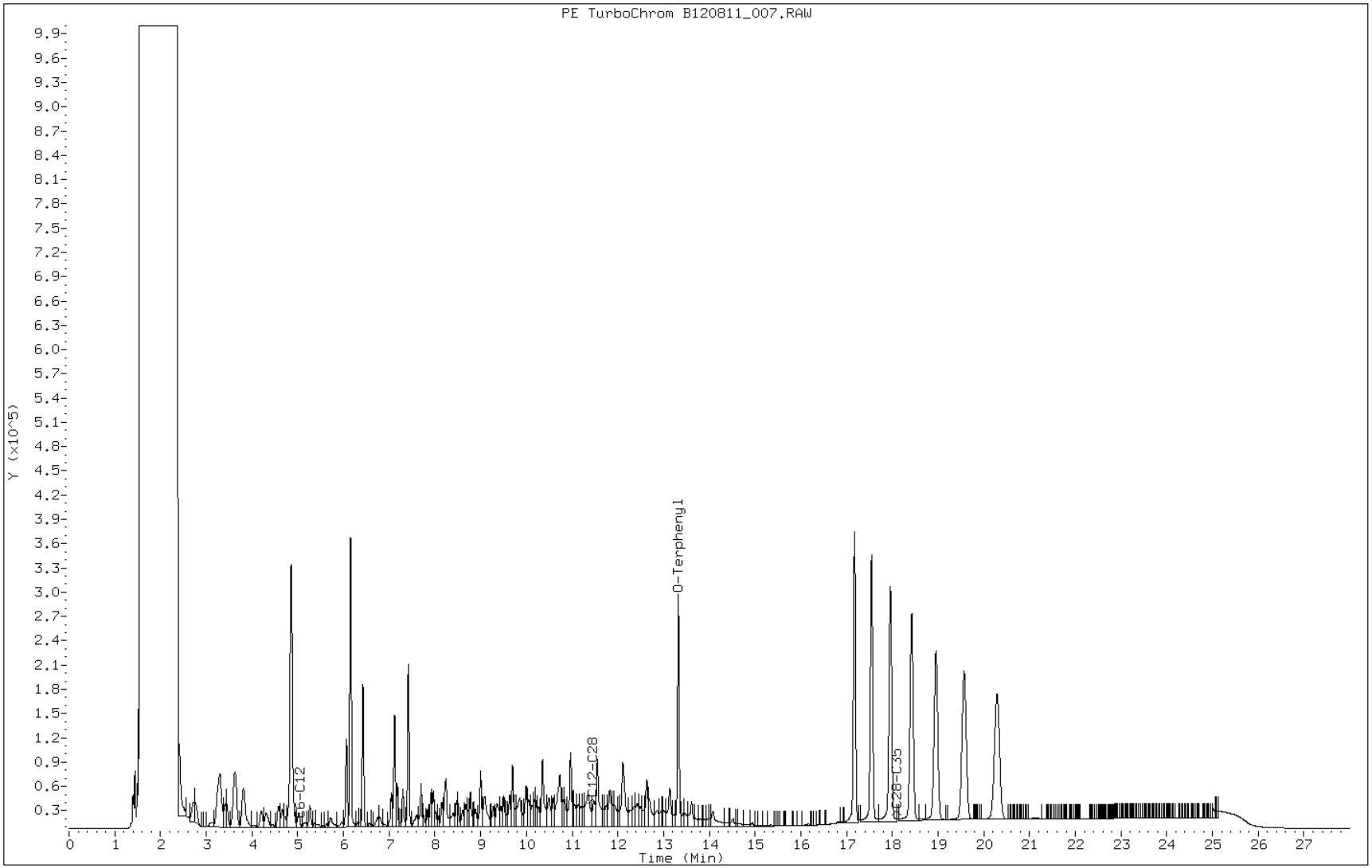
M - Compound response manually integrated.

Data File: B120811_007.d

Date: 08-DEC-2011 20:28

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_007.d
Inj. Date and Time: 08-DEC-2011 20:28
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

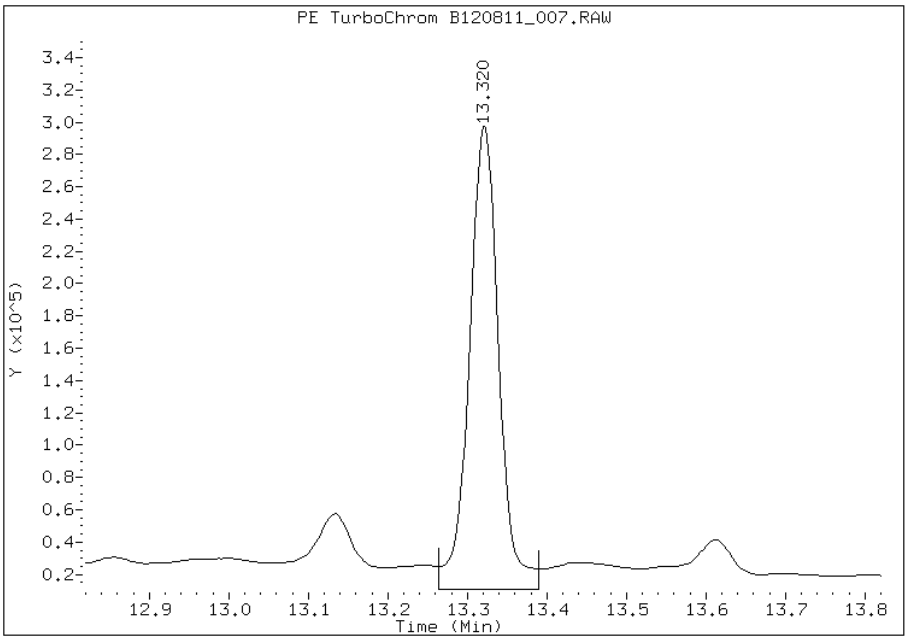
Processing Integration Results

RT: 13.32

Response: 738257

Amount: 23.82

Conc: 23.82



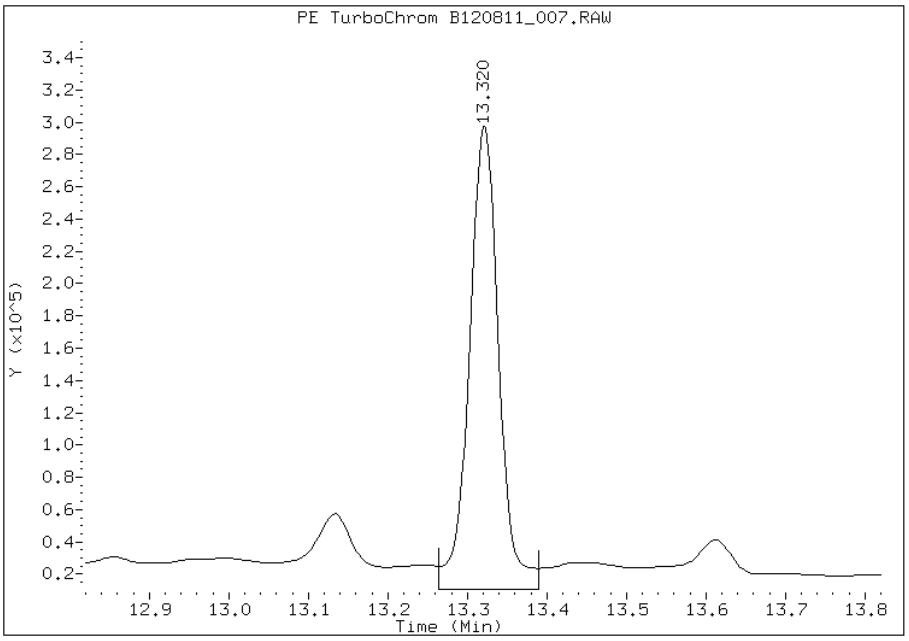
Manual Integration Results

RT: 13.32

Response: 742657

Amount: 23.89

Conc: 23.89



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_008.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:05
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 058
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 20:28 Cal File: B120811_007.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			13231331	800.000	783.4
$	4 O-Terphenyl	13.323	13.322	0.001	1564880	50.0000	50.34(M)
S	2 >C12-C28	7.510-15.400			20096874	800.000	847.5
S	3 >C28-C35	15.410-20.800			18596715	800.000	798.4
S	5 Total C6-C35				51924920	800.000	2429

QC Flag Legend

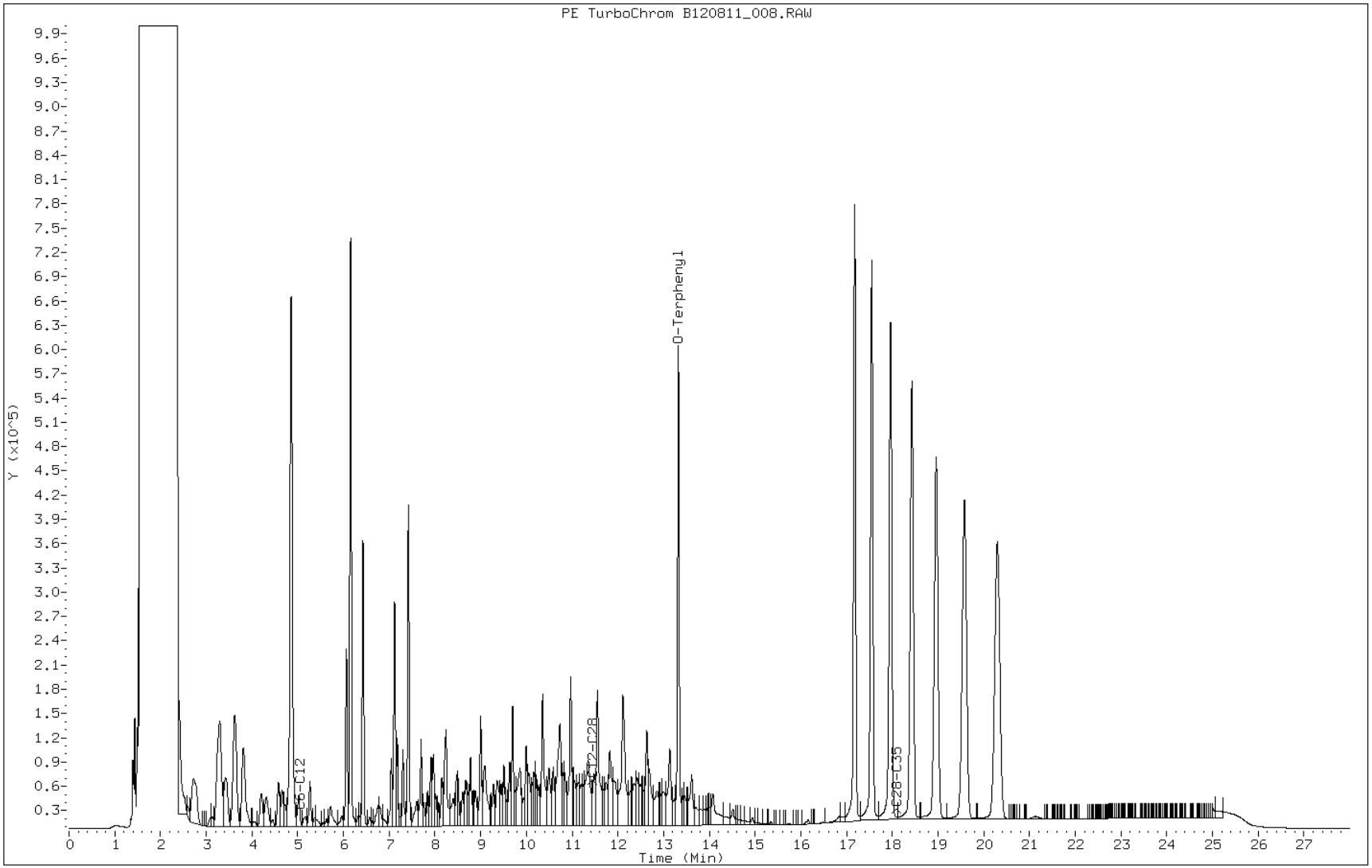
M - Compound response manually integrated.

Data File: B120811_008.d

Date: 08-DEC-2011 21:05

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_008.d
Inj. Date and Time: 08-DEC-2011 21:05
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

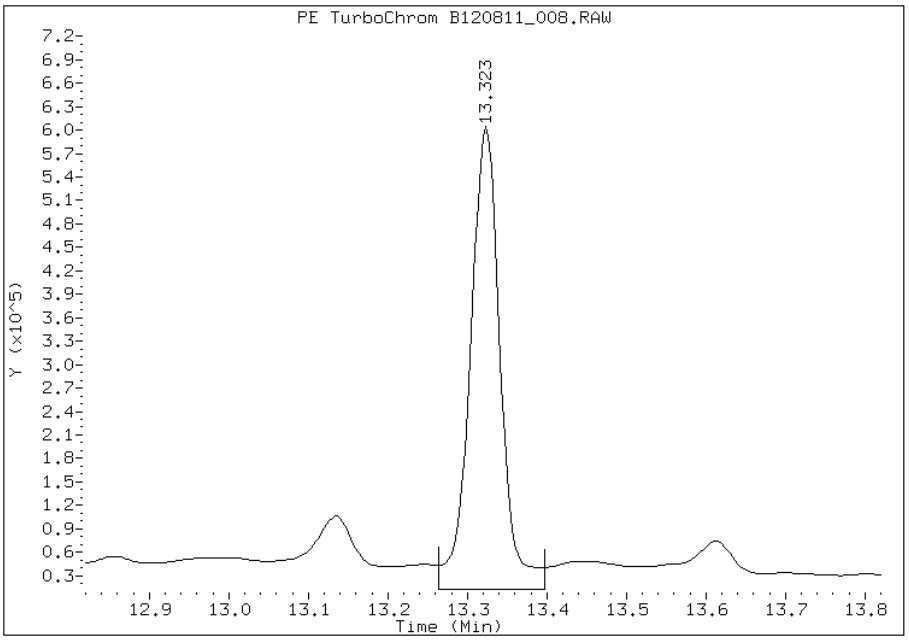
Processing Integration Results

RT: 13.32

Response: 1554874

Amount: 50.12

Conc: 50.12



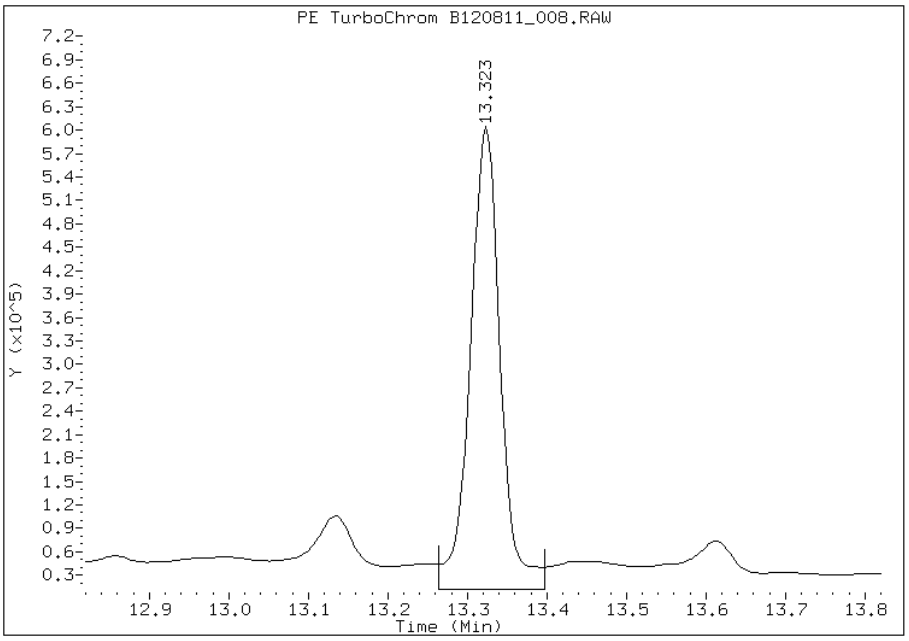
Manual Integration Results

RT: 13.32

Response: 1564880

Amount: 50.34

Conc: 50.34



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_009.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:43
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 059
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:05 Cal File: B120811_008.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			15810439	1000.00	936.1
$	4 O-Terphenyl	13.323	13.322	0.001	1893028	62.5000	60.90(M)
S	2 >C12-C28	7.510-15.400			24316636	1000.00	1025(A)
S	3 >C28-C35	15.410-20.800			22865388	1000.00	981.6
S	5 Total C6-C35				62992463	1000.00	2943

QC Flag Legend

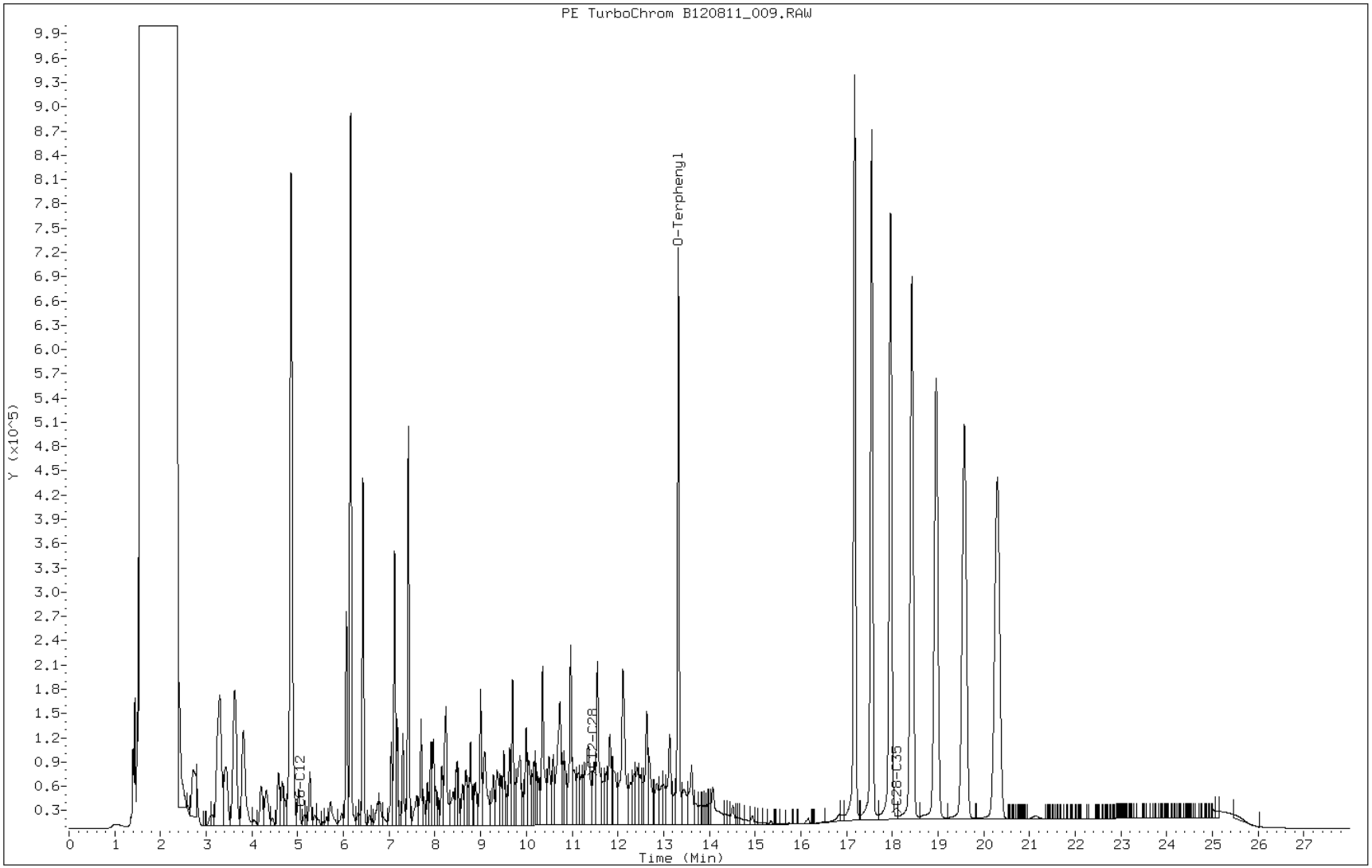
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: B120811_009.d

Date: 08-DEC-2011 21:43

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_009.d
Inj. Date and Time: 08-DEC-2011 21:43
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

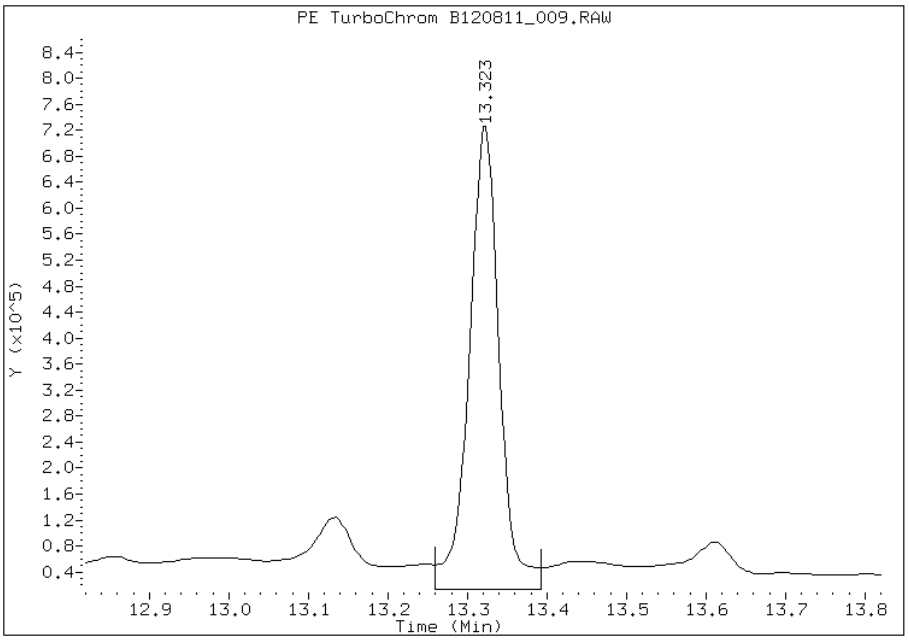
Processing Integration Results

RT: 13.32

Response: 1879096

Amount: 60.51

Conc: 60.51



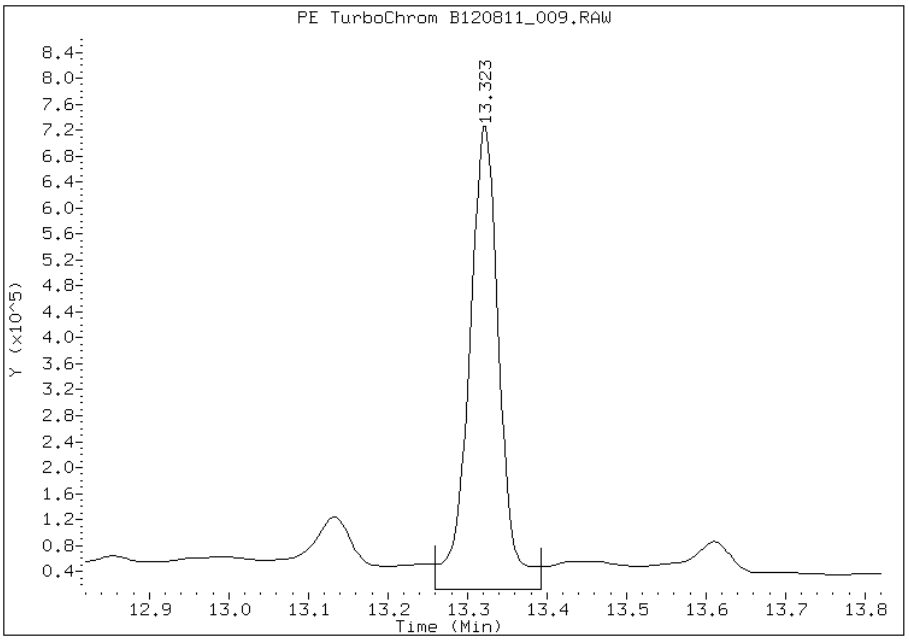
Manual Integration Results

RT: 13.32

Response: 1893028

Amount: 60.90

Conc: 60.90



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCVRT 600-70845/26 Calibration Date: 01/24/2012 19:53

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012412_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	18071		205	200	2.7	25.0
>C12-C28	Ave	15530	16692		215	200	7.5	25.0
>C28-C35	Ave	14586	17128		235	200	17.4	25.0
o-Terphenyl	Ave	24518	30034		15.3	12.5	22.5	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCVRT 600-70845/26 Calibration Date: 01/24/2012 19:53

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012412_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412A.b\A012412_002.d
Lab Smp Id: CCVRT
Inj Date : 24-JAN-2012 19:53
Operator : kp Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 002
Comment :
Method : \\housvr4\chem\FID-07.i\012412A.b\1005A.m
Meth Date : 25-Jan-2012 11:18 jsacco Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

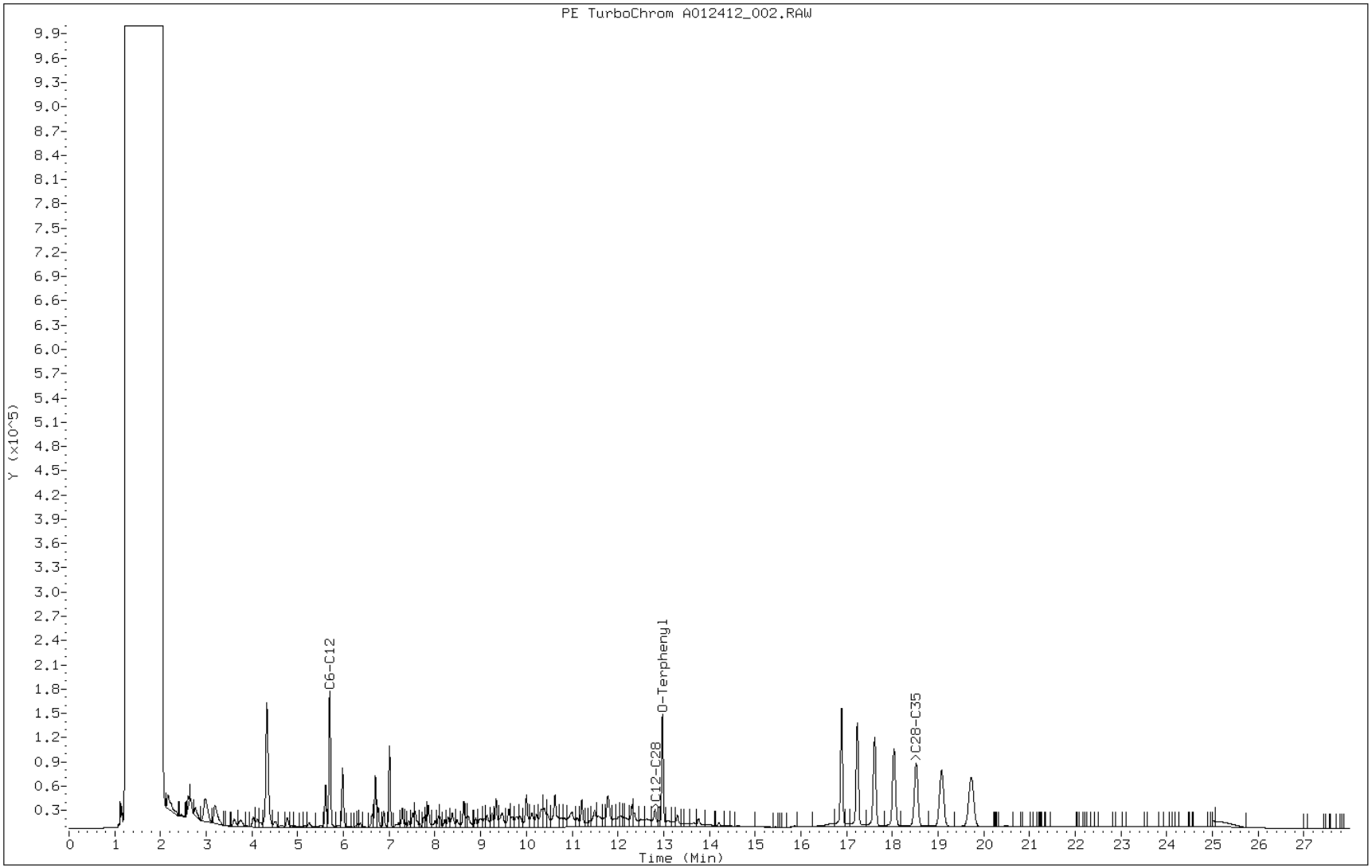
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(ug/mL)
S 1 C6-C12	2.400	-9.000		3614253		400.000	205.3
$ 4 O-Terphenyl	12.973	13.012	-0.039	375424		25.0000	15.31
S 2 >C12-C28	9.010	-16.649		3338461		400.000	215.0
S 3 >C28-C35	16.651	-20.400		3424136		400.000	234.7
S 5 Total C6-C35				10376850		400.000	655.0

Data File: A012412_002.d

Date: 24-JAN-2012 19:53

Client ID: Instrument: FID-07.i

Sample Info: CCVRT Operator: kp



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCVRT 600-70885/1 Calibration Date: 01/24/2012 19:53

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012412_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	15082		179	200	-10.7	25.0
>C12-C28	Ave	23713	23667		200	200	-0.2	25.0
>C28-C35	Ave	23293	21064		181	200	-9.6	25.0
o-Terphenyl	Ave	31084	32373		13.0	12.5	4.1	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCVRT 600-70885/1 Calibration Date: 01/24/2012 19:53

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012412_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412B.b\B012412_002.d
Lab Smp Id: CCVRT
Inj Date : 24-JAN-2012 19:53
Operator : kp Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 052
Comment :
Method : \\housvr4\chem\FID-07.i\012412B.b\1005B.m
Meth Date : 25-Jan-2012 11:13 jsacco Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

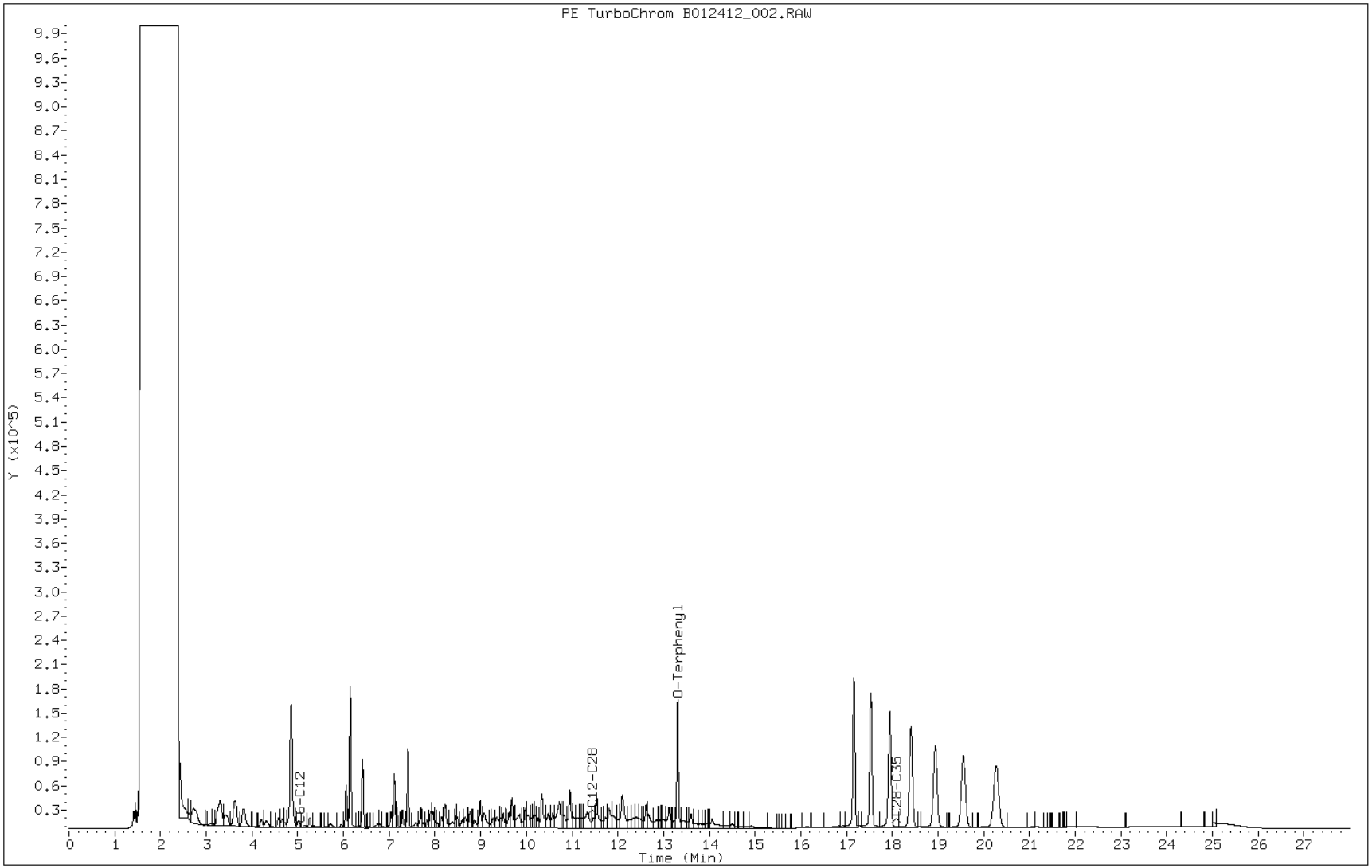
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		3016451	200.000	178.6
$	4 O-Terphenyl	13.306	13.323	-0.017	404660	12.5000	13.02
S	2 >C12-C28	7.510	-15.400		4733431	200.000	199.6
S	3 >C28-C35	15.410	-20.800		4211178	200.000	180.8
S	5 Total C6-C35				11961060	200.000	559.0

Data File: B012412_002.d

Date: 24-JAN-2012 19:53

Client ID: Instrument: FID-07.i

Sample Info: CCVRT Operator: kp



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70845/7 Calibration Date: 01/25/2012 02:27

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012412_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	17748		202	200	0.8	25.0
>C12-C28	Ave	15530	17075		220	200	9.9	25.0
>C28-C35	Ave	14586	16578		227	200	13.7	25.0
o-Terphenyl	Ave	24518	24691		12.6	12.5	0.7	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70845/7 Calibration Date: 01/25/2012 02:27

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012412_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.98	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412A.b\A012412_013.d
Lab Smp Id: CCV
Inj Date : 25-JAN-2012 02:27
Operator : kp Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 013
Comment :
Method : \\housvr4\chem\FID-07.i\012412A.b\1005A.m
Meth Date : 25-Jan-2012 11:18 jsacco Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3549632	400.000	201.6
$	4 O-Terphenyl	12.976	13.013	-0.037	308638	25.0000	12.59(M)
S	2 >C12-C28	9.010-16.649			3414919	400.000	219.9(M)
S	3 >C28-C35	16.651-20.400			3314331	400.000	227.2(M)
S	5 Total C6-C35				10278882	400.000	648.7

QC Flag Legend

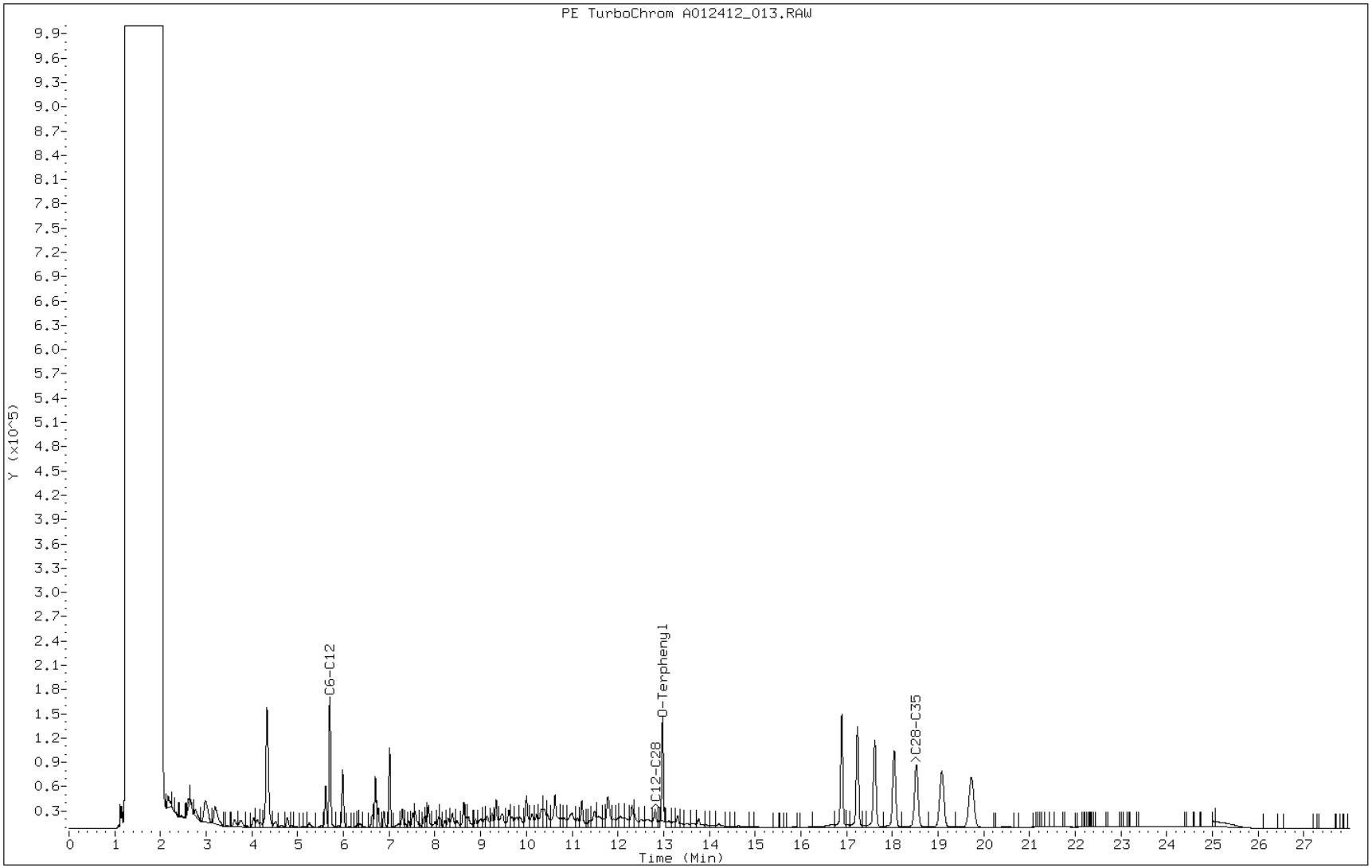
M - Compound response manually integrated.

Data File: A012412_013.d

Date: 25-JAN-2012 02:27

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: kp



Manual Integration Report

Data File: A012412_013.d
Inj. Date and Time: 25-JAN-2012 02:27
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/25/2012

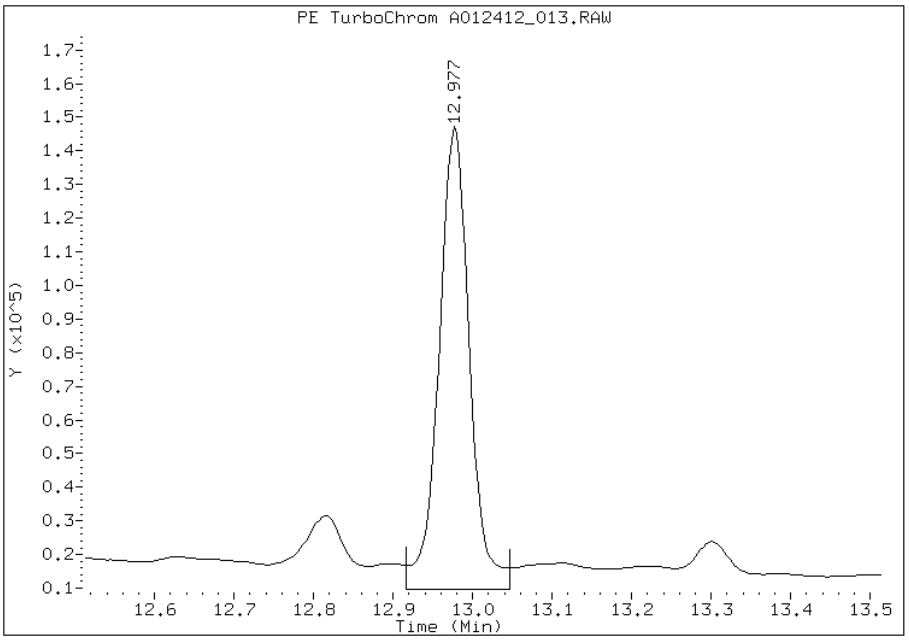
Processing Integration Results

RT: 12.98

Response: 369067

Amount: 15.05

Conc: 15.05



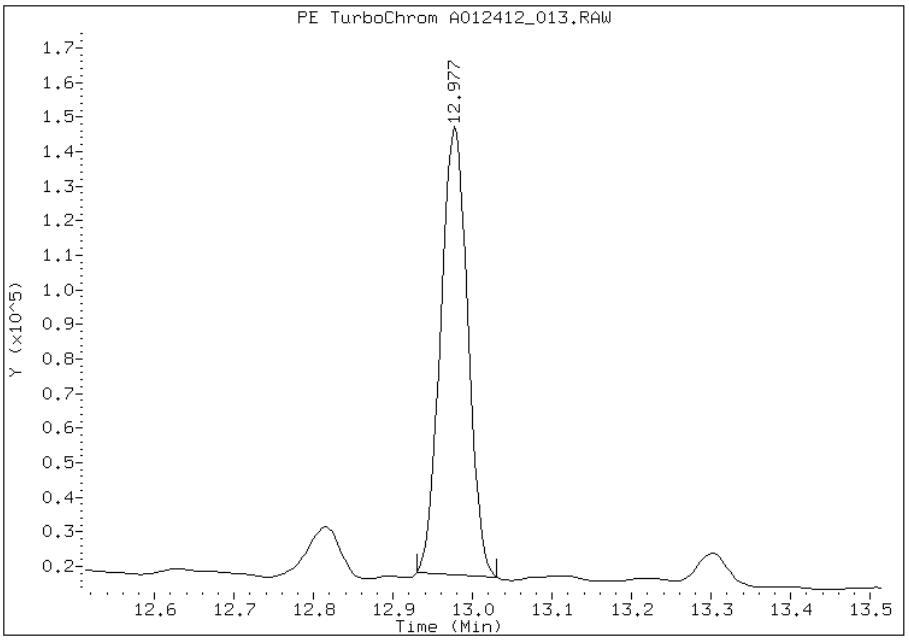
Manual Integration Results

RT: 12.98

Response: 308638

Amount: 12.59

Conc: 12.59



Manually Integrated By:
Manual Integration Reason:

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70885/12 Calibration Date: 01/25/2012 02:27

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012412_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	14118		167	200	-16.4	25.0
>C12-C28	Ave	23713	22881		193	200	-3.5	25.0
>C28-C35	Ave	23293	21365		183	200	-8.3	25.0
o-Terphenyl	Ave	31084	32582		13.1	12.5	4.8	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70885/12 Calibration Date: 01/25/2012 02:27

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012412_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412B.b\B012412_013.d
Lab Smp Id: CCV
Inj Date : 25-JAN-2012 02:27
Operator : kp Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 063
Comment :
Method : \\housvr4\chem\FID-07.i\012412B.b\1005B.m
Meth Date : 25-Jan-2012 11:13 jsacco Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

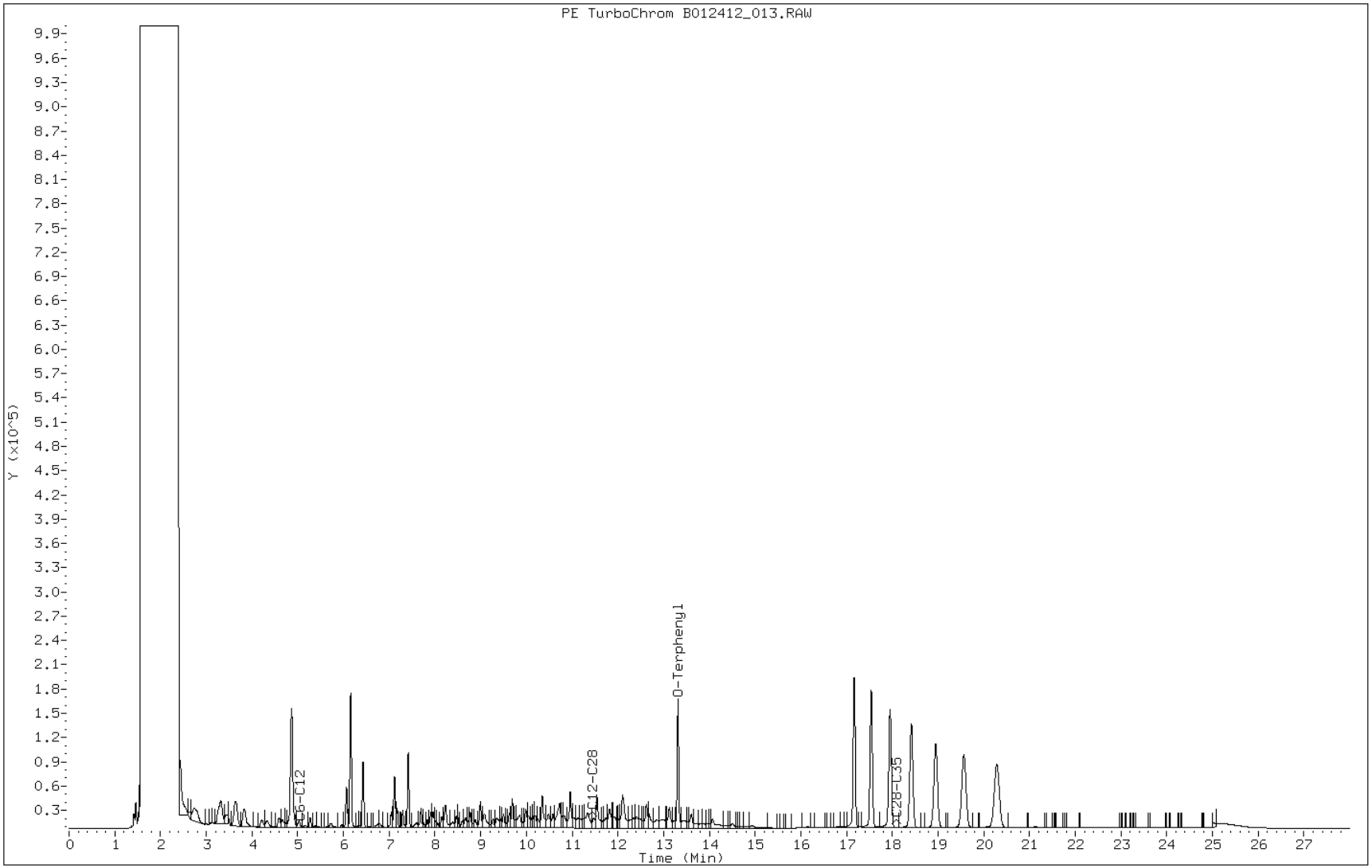
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(ug/mL)
S 1 C6-C12	2.600	-7.500		2823523		200.000	167.2
$ 4 O-Terphenyl	13.313	13.323	-0.010	407281		12.5000	13.10
S 2 >C12-C28	7.510	-15.400		4576180		200.000	193.0
S 3 >C28-C35	15.410	-20.800		4271310		200.000	183.4
S 5 Total C6-C35				11671013		200.000	543.5

Data File: B012412_013.d

Date: 25-JAN-2012 02:27

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: kp



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70845/20 Calibration Date: 01/25/2012 14:58

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012412_023.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	18038		205	200	2.5	25.0
>C12-C28	Ave	15530	17808		229	200	14.7	25.0
>C28-C35	Ave	14586	16178		222	200	10.9	25.0
o-Terphenyl	Ave	24518	29752		15.2	12.5	21.3	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70845/20 Calibration Date: 01/25/2012 14:58

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012412_023.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.98	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412A.b\A012412_023.d
Lab Smp Id: CCV Client Smp ID: Equipment Blank 7
Inj Date : 25-JAN-2012 14:58
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 600-49066-B-6-A
Comment :
Method : \\housvr4\chem\FID-07.i\012412A.b\1005A.m
Meth Date : 25-Jan-2012 17:11 jsacco Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

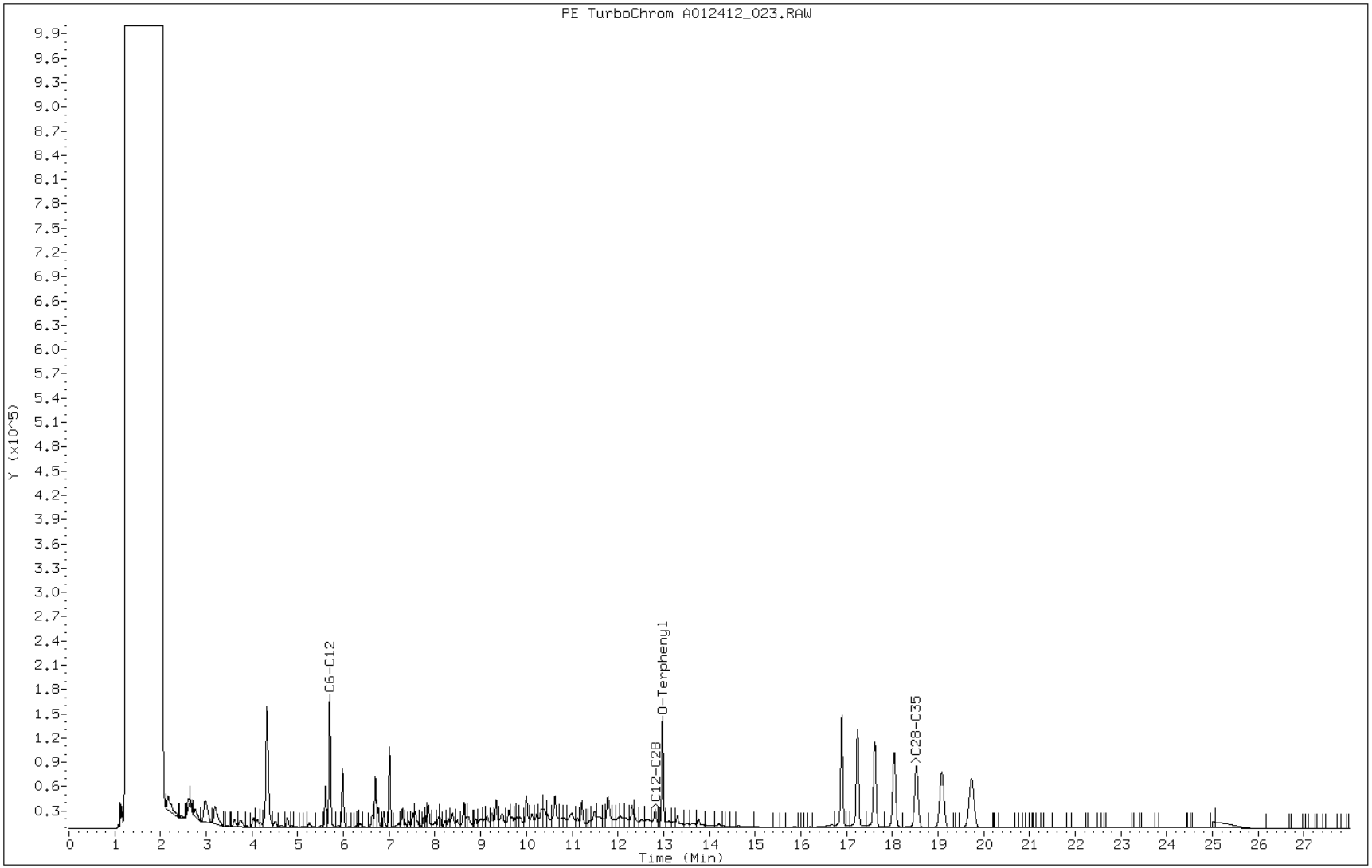
						AMOUNTS	
						CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(ug/mL)
S 1 C6-C12	2.400	-9.000		3607591		400.000	204.9
$ 4 O-Terphenyl	12.976	13.013	-0.037	371902		25.0000	15.17
S 2 >C12-C28	9.010	-16.649		3561637		400.000	229.3
S 3 >C28-C35	16.651	-20.400		3234223		400.000	221.7
S 5 Total C6-C35				10403451		400.000	656.0

Data File: A012412_023.d

Date: 25-JAN-2012 14:58

Client ID: Equipment Blank 7 Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70845/27 Calibration Date: 01/25/2012 18:15

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012412_028.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	17064		194	200	-3.1	25.0
>C12-C28	Ave	15530	11692		151	200	-24.7	25.0
>C28-C35	Ave	14586	16005		219	200	9.7	25.0
o-Terphenyl	Ave	24518	27338		13.9	12.5	11.5	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70845/27 Calibration Date: 01/25/2012 18:15

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012412_028.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.91	13.11

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412A.b\A012412_028.d
Lab Smp Id: CCV
Inj Date : 25-JAN-2012 18:15
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 028
Comment :
Method : \\housvr4\chem\FID-07.i\012412A.b\1005A.m
Meth Date : 27-Feb-2012 11:23 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

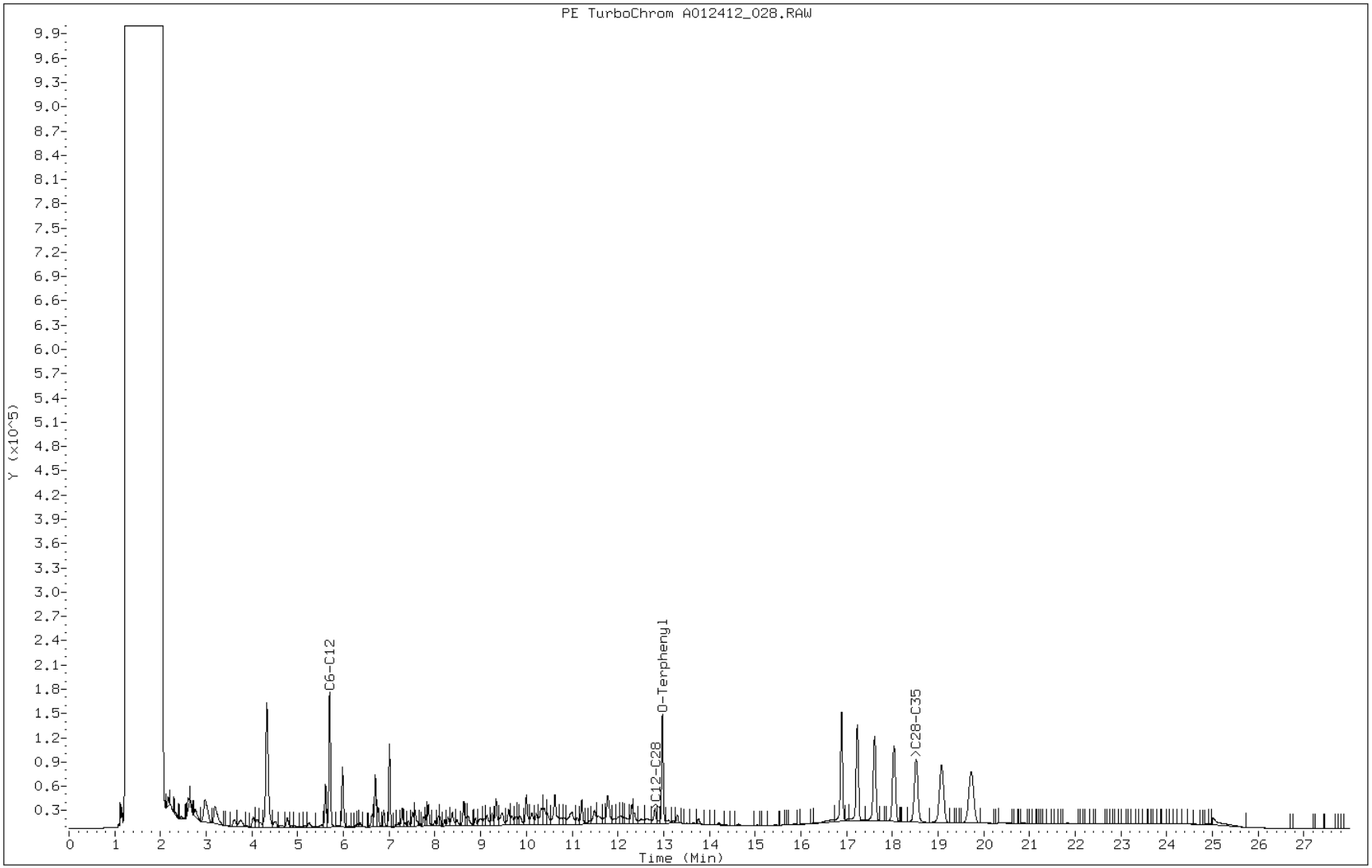
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3412774	400.000	193.9
$	4 O-Terphenyl	12.973	13.012	-0.039	341724	25.0000	13.94
S	2 >C12-C28	9.010-16.649			2338409	400.000	150.6
S	3 >C28-C35	16.651-20.400			3199811	400.000	219.4
S	5 Total C6-C35				8950994	400.000	563.8

Data File: A012412_028.d

Date: 25-JAN-2012 18:15

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70885/25 Calibration Date: 01/25/2012 18:15

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012412_028.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	15799		187	200	-6.5	25.0
>C12-C28	Ave	23713	25039		211	200	5.6	25.0
>C28-C35	Ave	23293	22070		189	200	-5.3	25.0
o-Terphenyl	Ave	31084	35163		14.1	12.5	13.1	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70885/25 Calibration Date: 01/25/2012 18:15

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012412_028.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412B.b\B012412_028.d
Lab Smp Id: CCV
Inj Date : 25-JAN-2012 18:15
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 078
Comment :
Method : \\housvr4\chem\FID-07.i\012412B.b\1005B.m
Meth Date : 27-Feb-2012 11:09 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

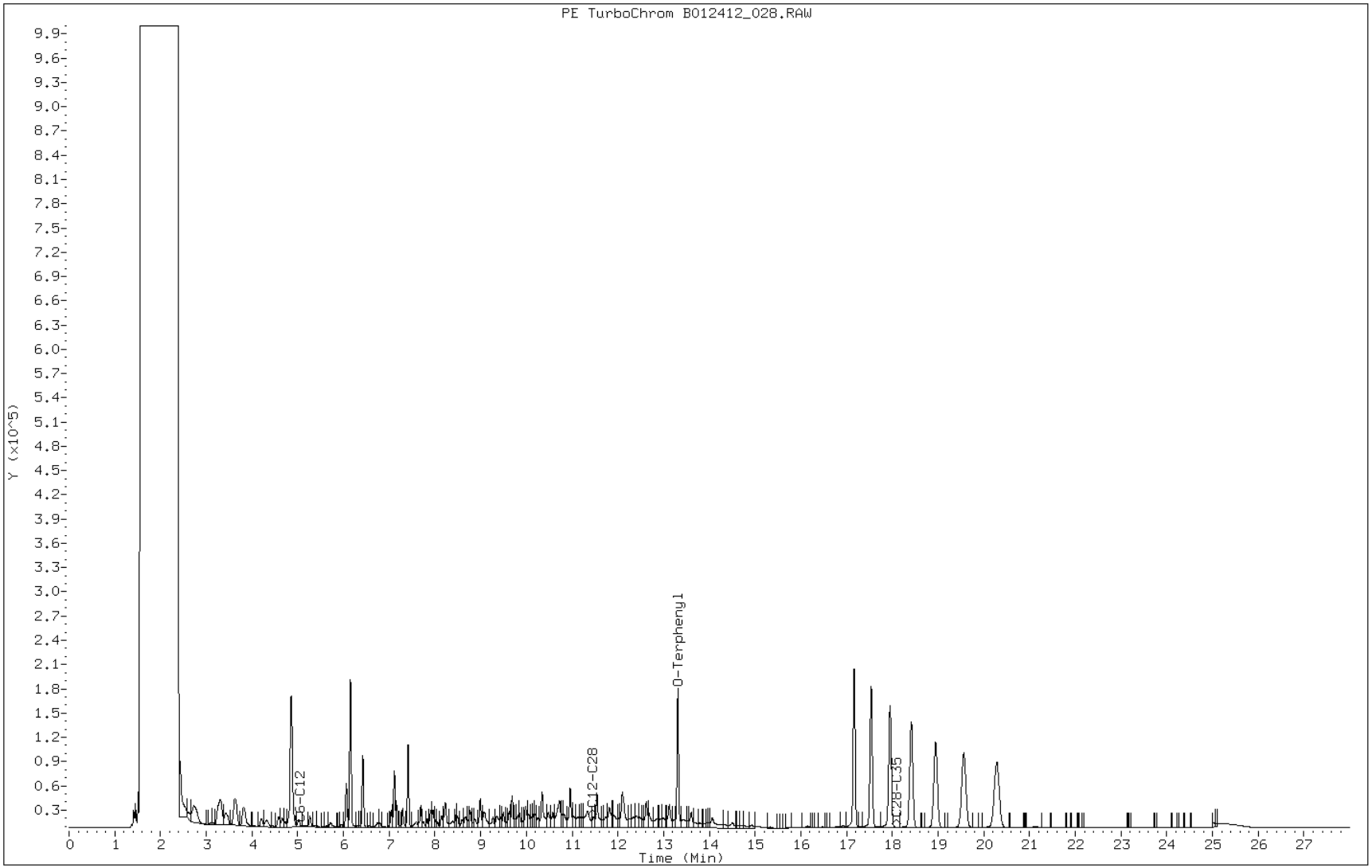
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		3159762	200.000	187.1
$	4 O-Terphenyl	13.310	13.323	-0.013	439536	12.5000	14.14
S	2 >C12-C28	7.510	-15.400		5007898	200.000	211.2
S	3 >C28-C35	15.410	-20.800		4412141	200.000	189.4
S	5 Total C6-C35				12579801	200.000	587.7

Data File: B012412_028.d

Date: 25-JAN-2012 18:15

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCVRT 600-70964/1 Calibration Date: 01/25/2012 19:46

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012512_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	19650		223	200	11.6	25.0
>C12-C28	Ave	15530	17118		221	200	10.2	25.0
>C28-C35	Ave	14586	17257		237	200	18.3	25.0
o-Terphenyl	Ave	24518	27845		14.2	12.5	13.6	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCVRT 600-70964/1 Calibration Date: 01/25/2012 19:46

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012512_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.92	13.12

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012512A.b\A012512_002.d
Lab Smp Id: CCVRT
Inj Date : 25-JAN-2012 19:46
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 002
Comment :
Method : \\housvr4\chem\FID-07.i\012512A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (mg/L)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.400-9.000			3929903	223.231	22.32
$	4 O-Terphenyl	12.973	13.021	-0.048	348063	14.1959	1.42(M)
S	2 >C12-C28	9.010-16.649			3423539	220.450	22.05(M)
S	3 >C28-C35	16.651-20.400			3450055	236.526	23.65(M)
S	5 Total C6-C35				10803497	680.206	68.02

QC Flag Legend

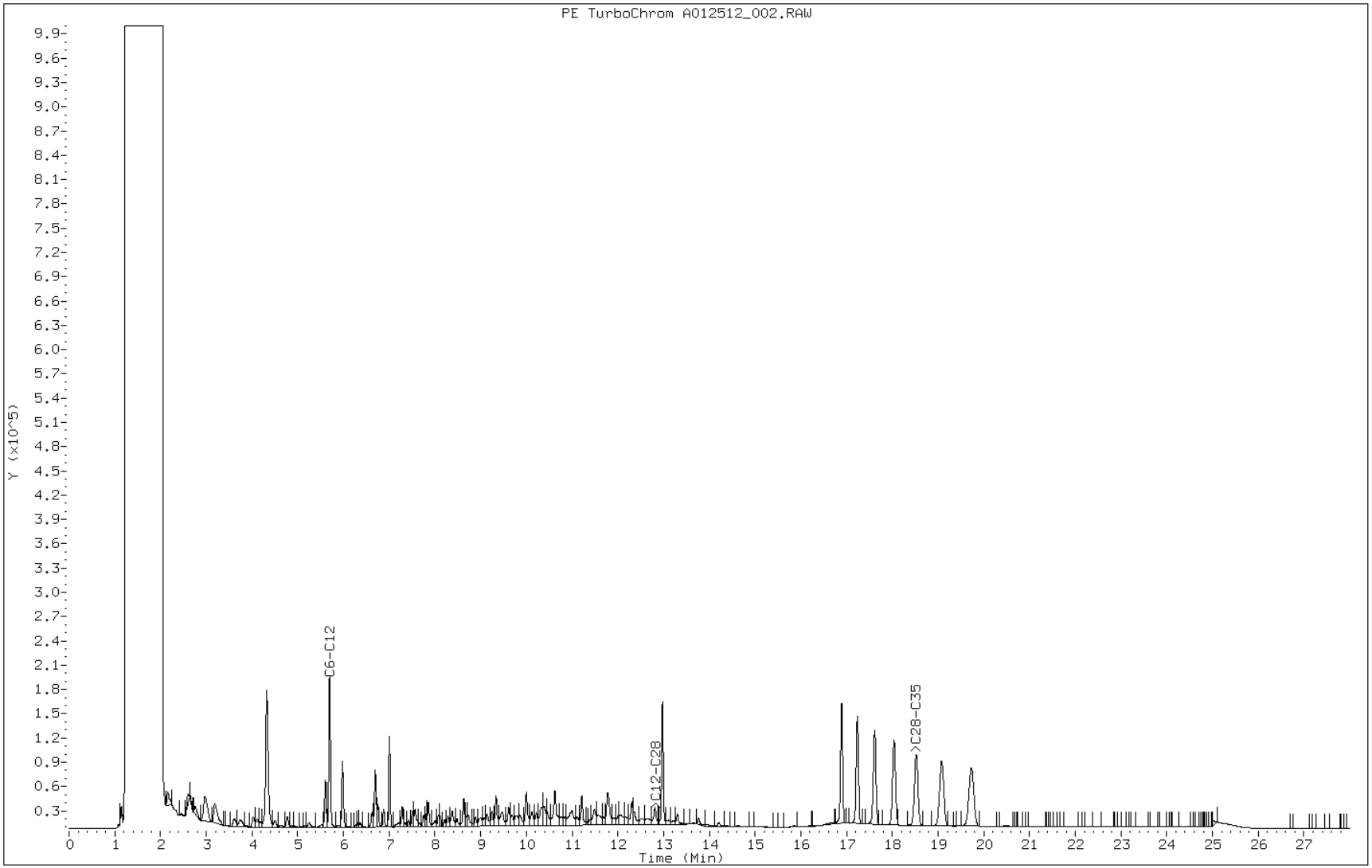
M - Compound response manually integrated.

Data File: A012512_002.d

Date: 25-JAN-2012 19:46

Client ID: Instrument: FID-07.i

Sample Info: CCVRT Operator: vanderborghr



Manual Integration Report

Data File: A012512_002.d
Inj. Date and Time: 25-JAN-2012 19:46
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/26/2012

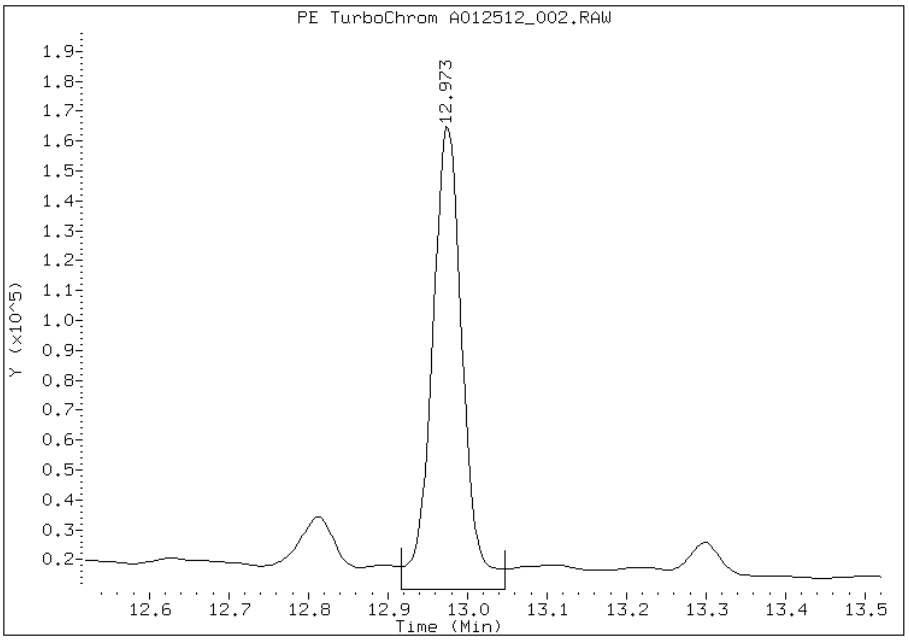
Processing Integration Results

RT: 12.97

Response: 413779

Amount: 16.88

Conc: 1.69



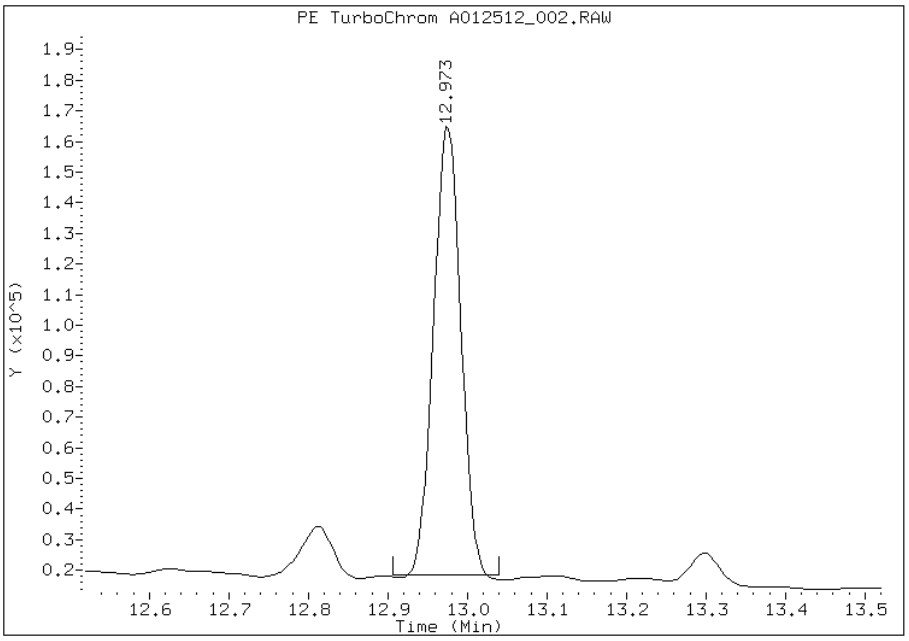
Manual Integration Results

RT: 12.97

Response: 348063

Amount: 14.20

Conc: 1.42



Manually Integrated By:
Manual Integration Reason:

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70964/12 Calibration Date: 01/26/2012 02:02

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012512_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	20271		230	200	15.1	25.0
>C12-C28	Ave	15530	18079		233	200	16.4	25.0
>C28-C35	Ave	14586	17042		234	200	16.8	25.0
o-Terphenyl	Ave	24518	27394		14.0	12.5	11.7	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70964/12 Calibration Date: 01/26/2012 02:02

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012512_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.92	13.12

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012512A.b\A012512_013.d
Lab Smp Id: CCV
Inj Date : 26-JAN-2012 02:02
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 013
Comment :
Method : \\housvr4\chem\FID-07.i\012512A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (mg/L)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.400-9.000			4054121	230.287	23.03
$	4 O-Terphenyl	12.973	13.021	-0.048	342430	13.9662	1.40(M)
S	2 >C12-C28	9.010-16.649			3615886	232.836	23.28(M)
S	3 >C28-C35	16.651-20.400			3407096	233.580	23.36(M)
S	5 Total C6-C35				11077103	696.703	69.67

QC Flag Legend

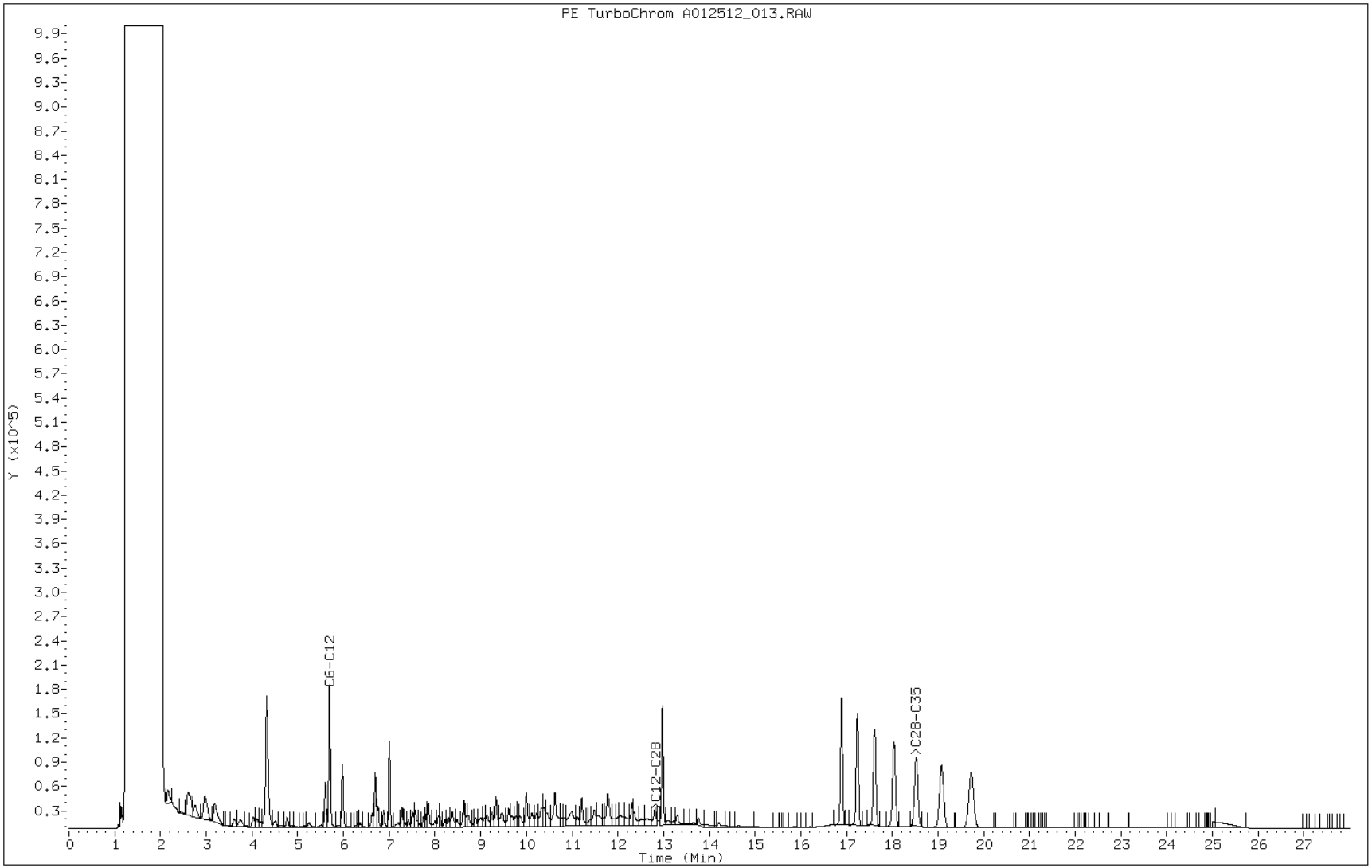
M - Compound response manually integrated.

Data File: A012512_013.d

Date: 26-JAN-2012 02:02

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



Manual Integration Report

Data File: A012512_013.d
Inj. Date and Time: 26-JAN-2012 02:02
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/26/2012

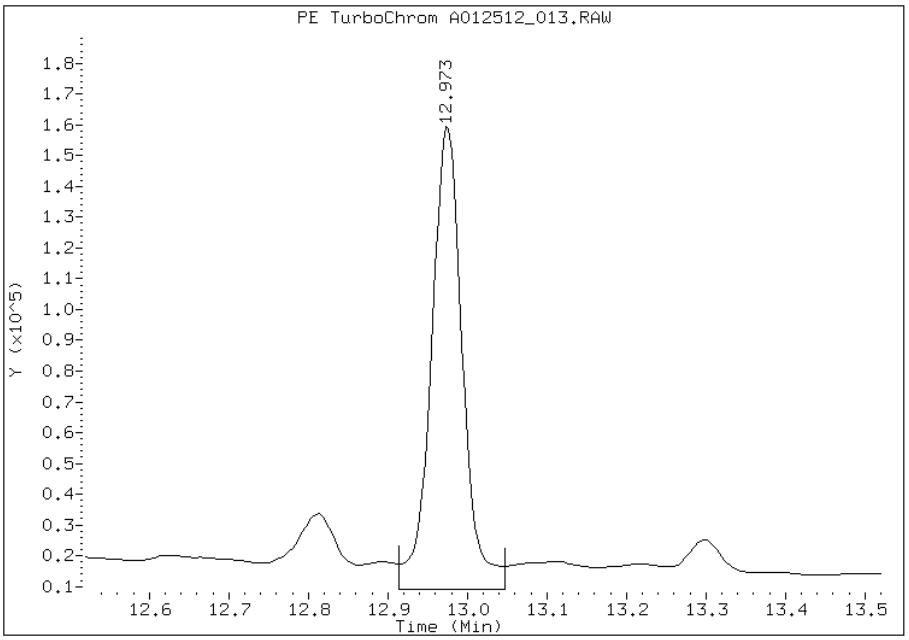
Processing Integration Results

RT: 12.97

Response: 410705

Amount: 16.75

Conc: 1.68



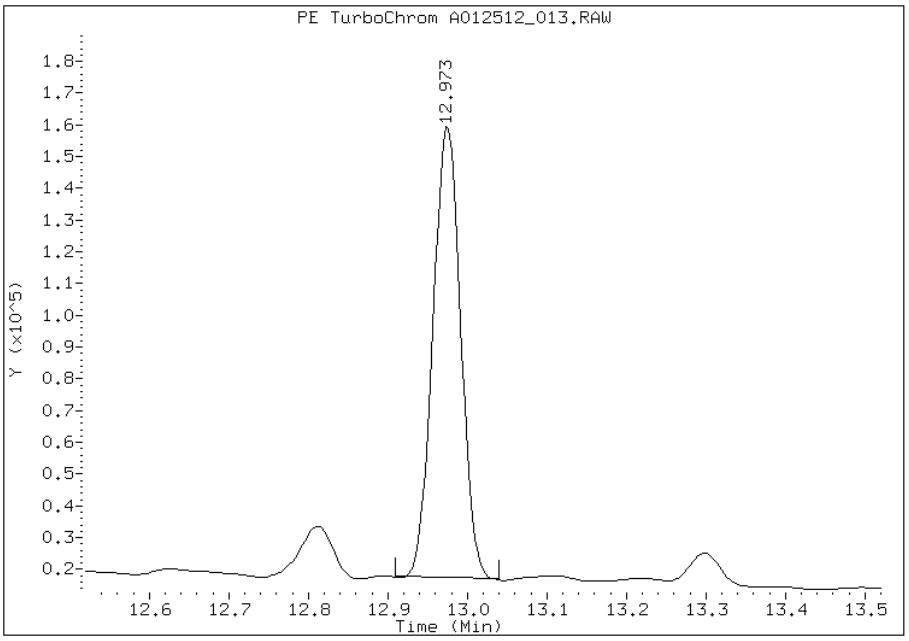
Manual Integration Results

RT: 12.97

Response: 342430

Amount: 13.97

Conc: 1.40



Manually Integrated By:
Manual Integration Reason:

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70964/23 Calibration Date: 01/26/2012 08:18

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012512_024.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	20304		231	200	15.3	25.0
>C12-C28	Ave	15530	18447		238	200	18.8	25.0
>C28-C35	Ave	14586	17234		236	200	18.2	25.0
o-Terphenyl	Ave	24518	27823		14.2	12.5	13.5	25.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: CCV 600-70964/23 Calibration Date: 01/26/2012 08:18

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012512_024.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.92	13.12

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012512A.b\A012512_024.d
Lab Smp Id: CCV
Inj Date : 26-JAN-2012 08:18
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 024
Comment :
Method : \\housvr4\chem\FID-07.i\012512A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (mg/L)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.400-9.000			4060796	230.666	23.07
$	4 O-Terphenyl	12.970	13.021	-0.051	347785	14.1846	1.42(M)
S	2 >C12-C28	9.010-16.649			3689373	237.568	23.76(M)
S	3 >C28-C35	16.651-20.400			3445473	236.211	23.62(M)
S	5 Total C6-C35				11195642	704.445	70.44

QC Flag Legend

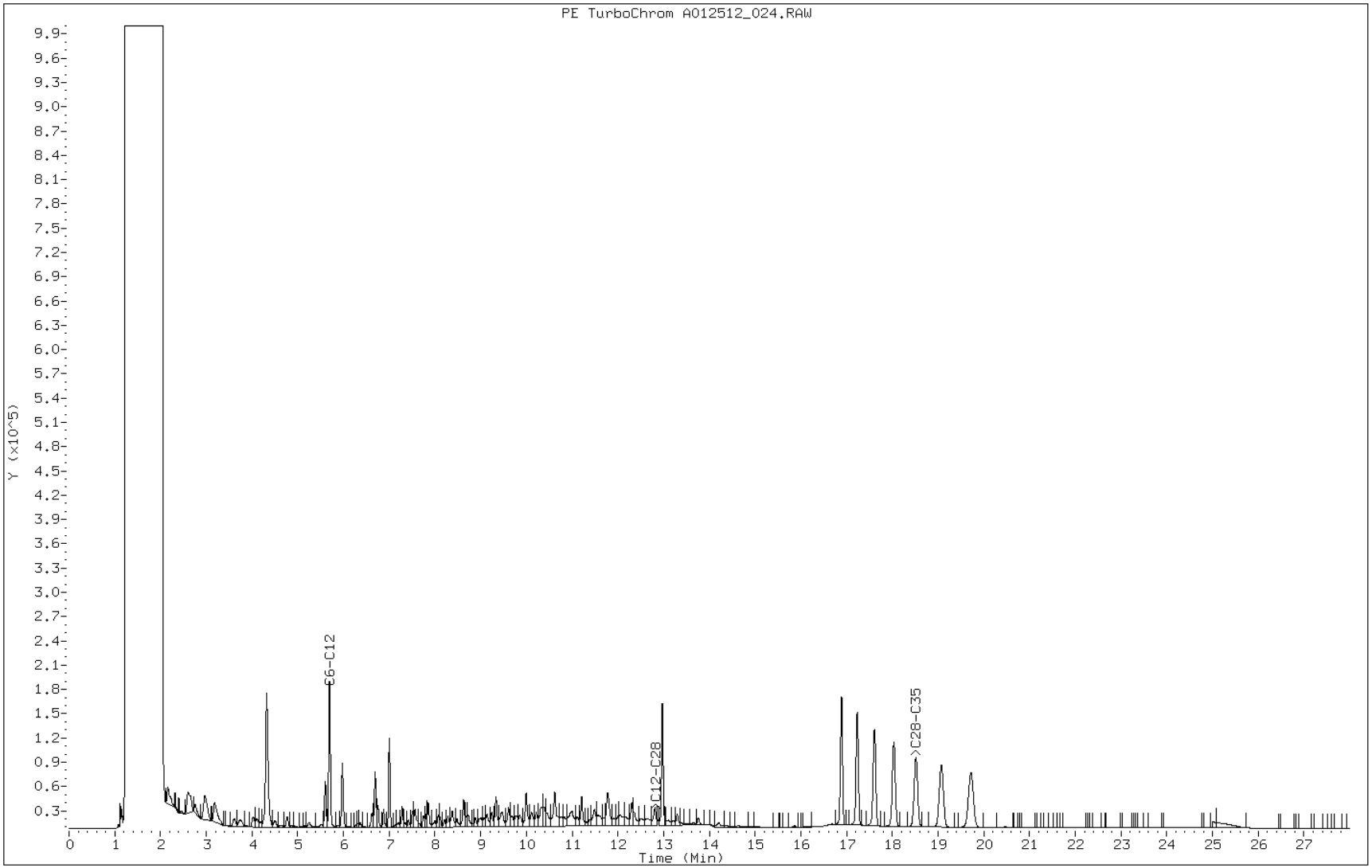
M - Compound response manually integrated.

Data File: A012512_024.d

Date: 26-JAN-2012 08:18

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



Manual Integration Report

Data File: A012512_024.d
Inj. Date and Time: 26-JAN-2012 08:18
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/26/2012

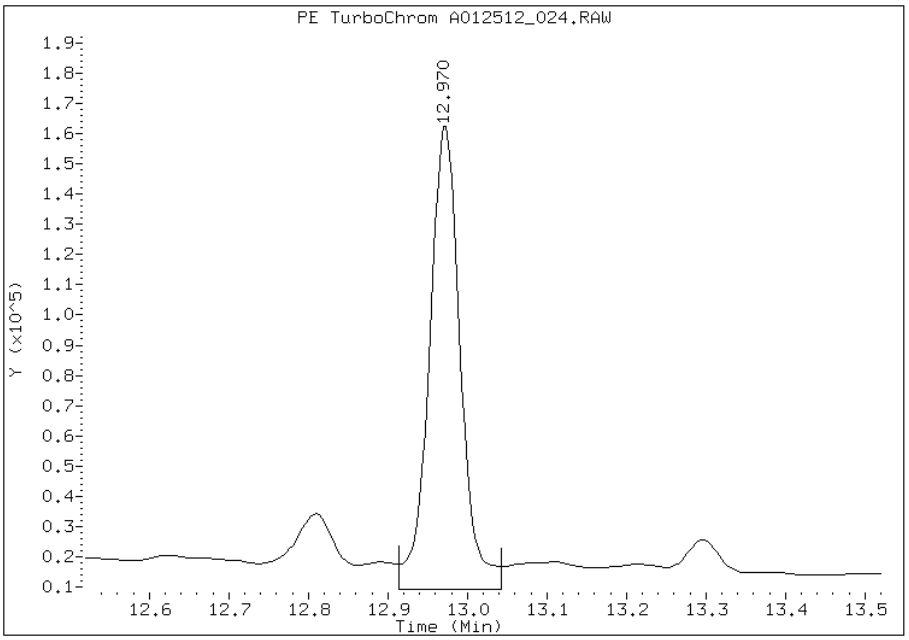
Processing Integration Results

RT: 12.97

Response: 417273

Amount: 17.02

Conc: 1.70



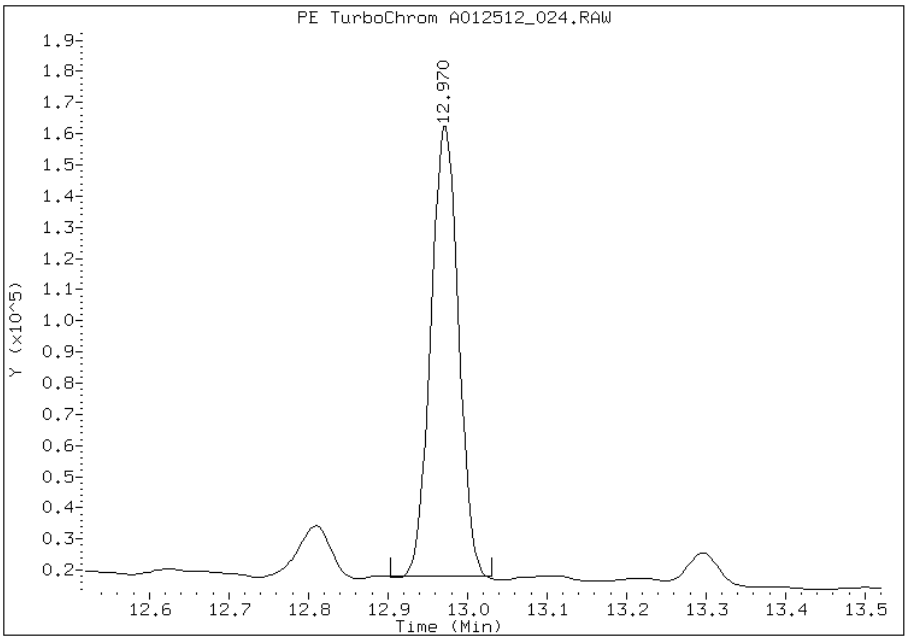
Manual Integration Results

RT: 12.97

Response: 347785

Amount: 14.18

Conc: 1.42



Manually Integrated By:
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 600-70736/1-A

Matrix: Water | Lab File ID: B012412_003.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/24/2012 09:56

Sample wt/vol: 10.00(g) | Date Analyzed: 01/24/2012 20:28

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70885 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	3.70	U	50.0	3.70
STL00035	>C12-C28	3.20	U	50.0	3.20
STL00147	>C28-C35	5.60	U	50.0	5.60
STL00006	C6-C35	5.60	U	50.0	5.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012412B.b\B012412_003.d
Lab Smp Id: MB 600-70736/1-A
Inj Date : 24-JAN-2012 20:28
Operator : kp Inst ID: FID-07.i
Smp Info : MB 600-70736/1-A
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\012412B.b\1005B.m
Meth Date : 25-Jan-2012 11:13 jsacco Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

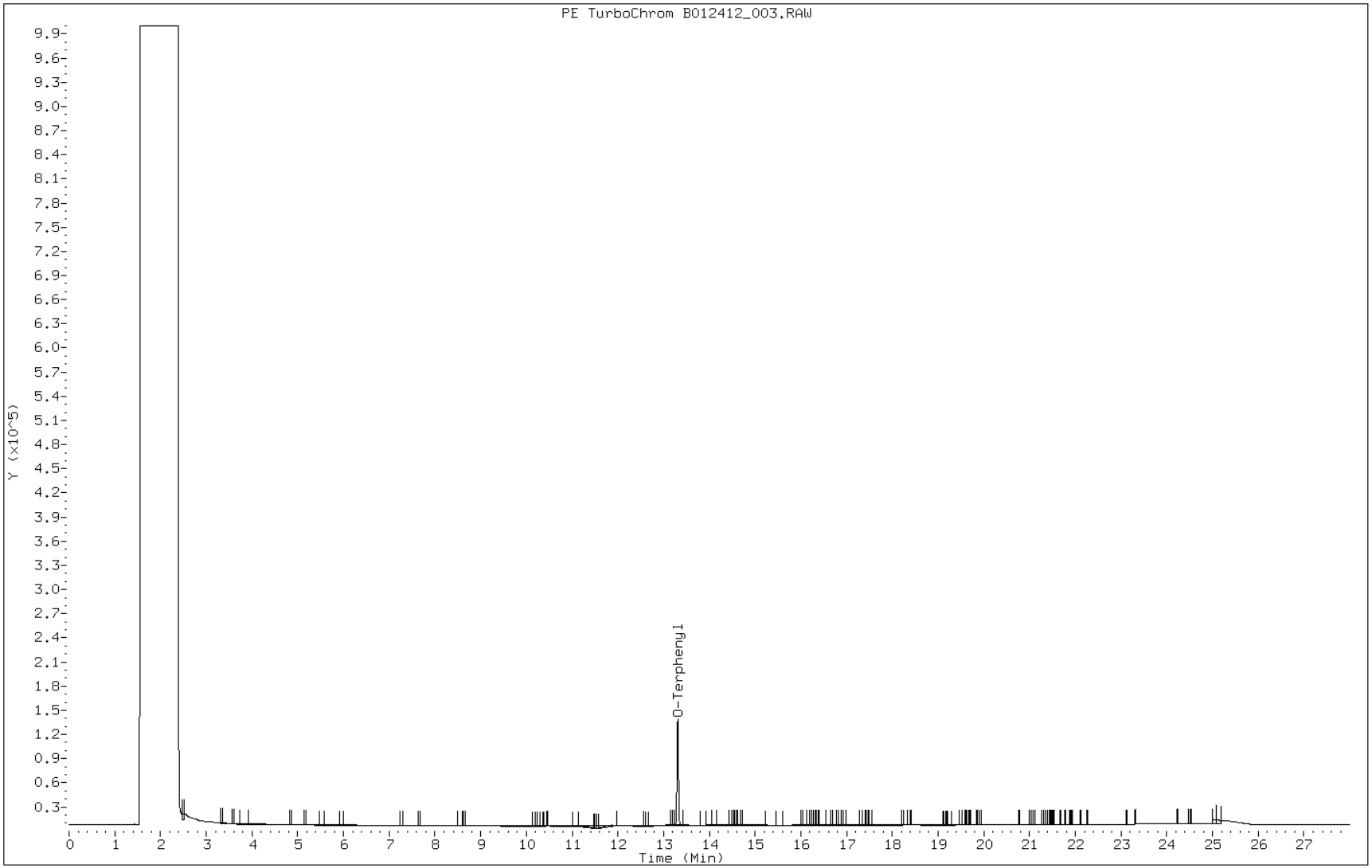
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
$ 4 O-Terphenyl	13.310	13.323	-0.013	302203	9.72224	9.72

Data File: B012412_003.d

Date: 24-JAN-2012 20:28

Client ID: Instrument: FID-07.i

Sample Info: MB 600-70736/1-A Operator: kp



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 600-70763/1-A

Matrix: Water | Lab File ID: A012412_007.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/24/2012 13:32

Sample wt/vol: 30.00(mL) | Date Analyzed: 01/24/2012 22:51

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70845 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.370	U	5.00	0.370
STL00035	>C12-C28	0.320	U	5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	0.560	U	5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412A.b\A012412_007.d
Lab Smp Id: MB 600-70763/1-A
Inj Date : 24-JAN-2012 22:51
Operator : kp Inst ID: FID-07.i
Smp Info : MB 600-70763/1-A
Misc Info : 007
Comment :
Method : \\housvr4\chem\FID-07.i\012412A.b\1005A.m
Meth Date : 25-Jan-2012 11:18 jsacco Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

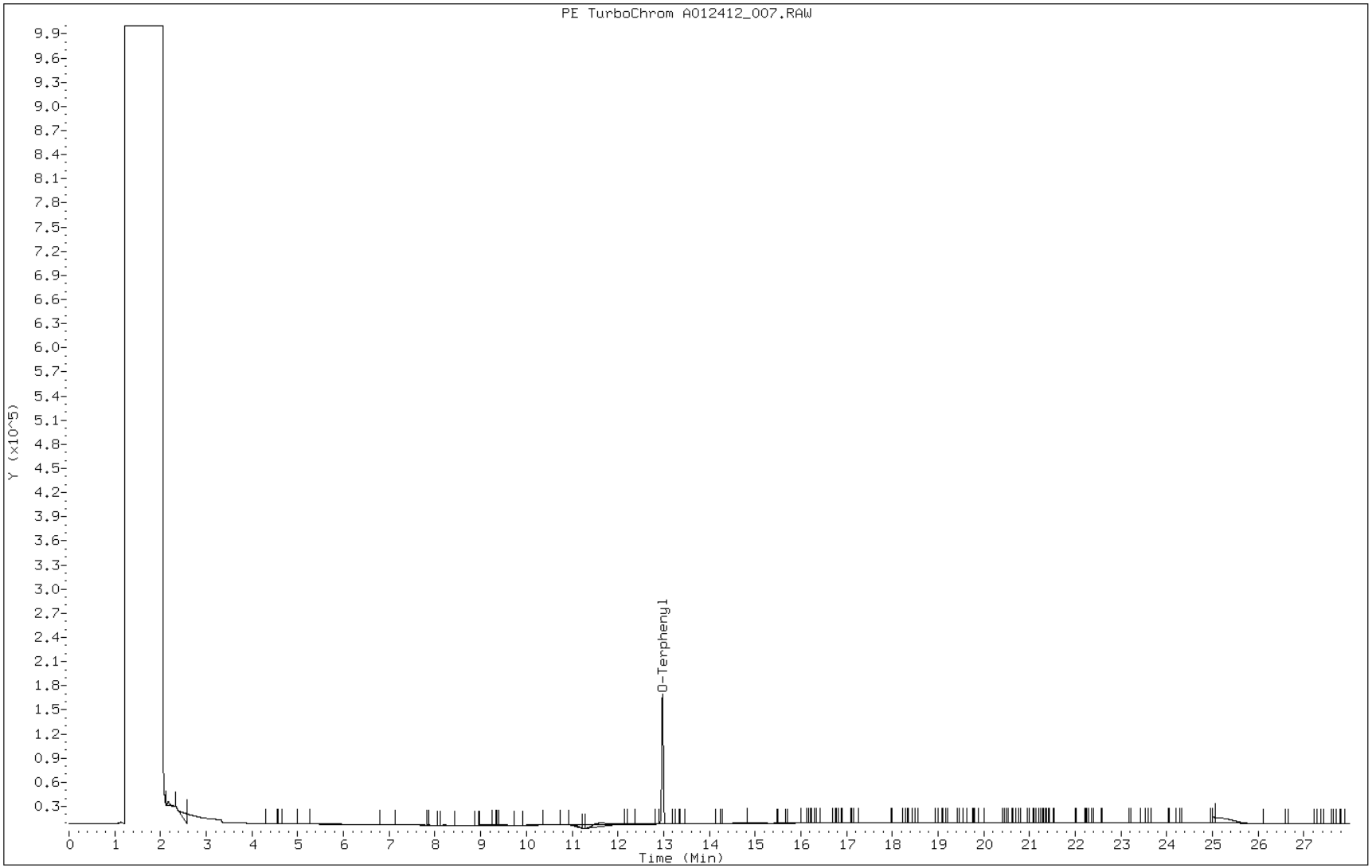
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
$ 4 O-Terphenyl	12.976	13.013	-0.037	396907	16.1881	1.62

Data File: A012412_007.d

Date: 24-JAN-2012 22:51

Client ID: Instrument: FID-07.i

Sample Info: MB 600-70763/1-A Operator: kp



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 600-70837/1-A

Matrix: Solid Lab File ID: A012512_003.d

Analysis Method: TX 1005 Date Collected:

Extraction Method: TX_1005_S_Prep Date Extracted: 01/25/2012 11:01

Sample wt/vol: 10.00(g) Date Analyzed: 01/25/2012 20:20

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 70964 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	4.67	U	25.0	4.67
STL00035	>C12-C28	6.06	U	25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	9.59	U	25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	103		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012512A.b\A012512_003.d
Lab Smp Id: MB 600-70837/1-A
Inj Date : 25-JAN-2012 20:20
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : MB 600-70837/1-A
Misc Info : 003
Comment :
Method : \\housvr4\chem\FID-07.i\012512A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

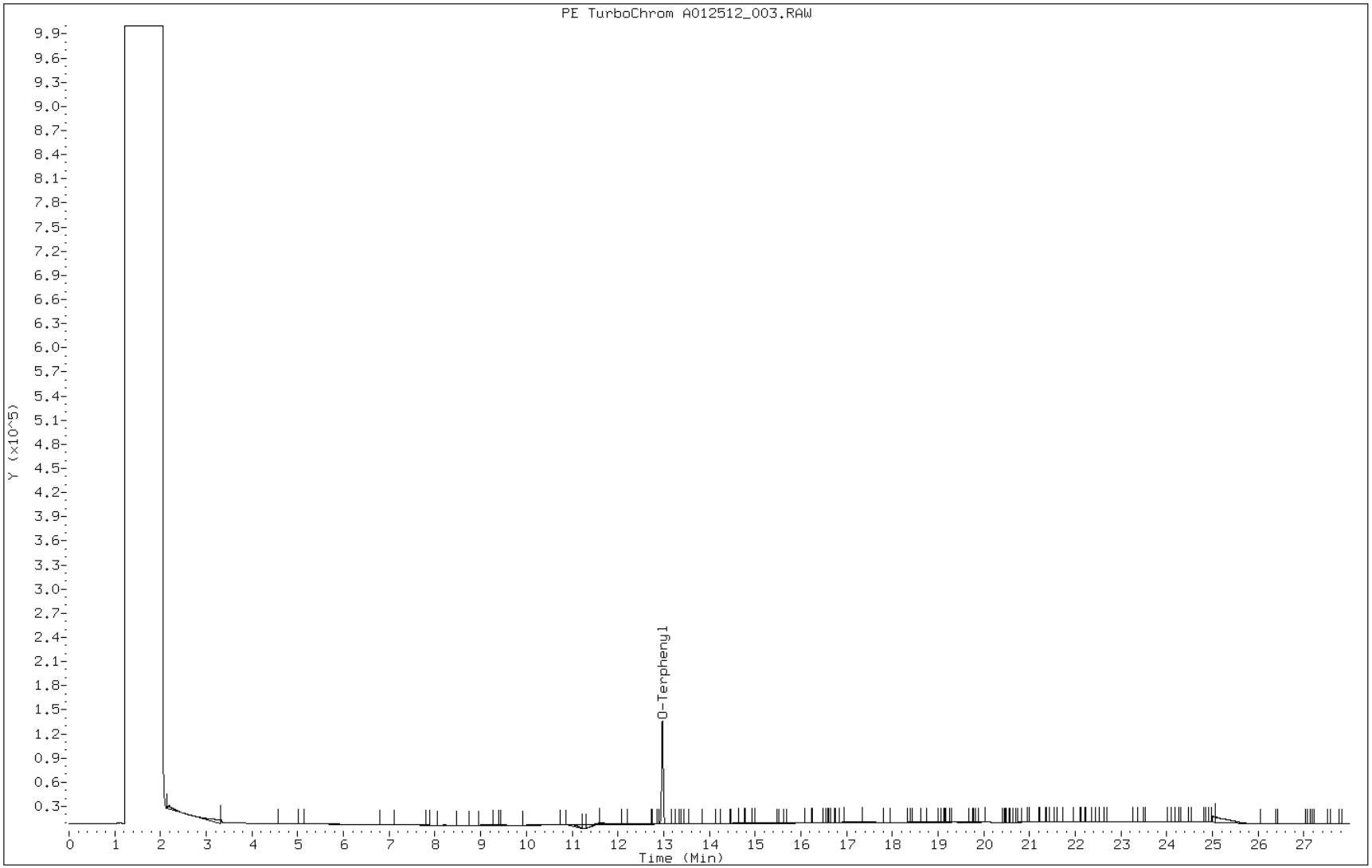
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$ 4 O-Terphenyl	12.973	13.021	-0.048	314935	12.8448	1.28

Data File: A012512_003.d

Date: 25-JAN-2012 20:20

Client ID: Instrument: FID-07.i

Sample Info: MB 600-70837/1-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 600-70736/2-A

Matrix: Water | Lab File ID: B012412_004.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/24/2012 09:56

Sample wt/vol: 10.00(g) | Date Analyzed: 01/24/2012 21:03

Con. Extract Vol.: 10.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70885 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	192.1		50.0	3.70
STL00035	>C12-C28	277.8		50.0	3.20
STL00147	>C28-C35	5.60	U	50.0	5.60
STL00006	C6-C35	469.9		50.0	5.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012412B.b\B012412_004.d
Lab Smp Id: LCS 600-70736/2-A
Inj Date : 24-JAN-2012 21:03
Operator : kp Inst ID: FID-07.i
Smp Info : LCS 600-70736/2-A
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\012412B.b\1005B.m
Meth Date : 25-Jan-2012 11:13 jsacco Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

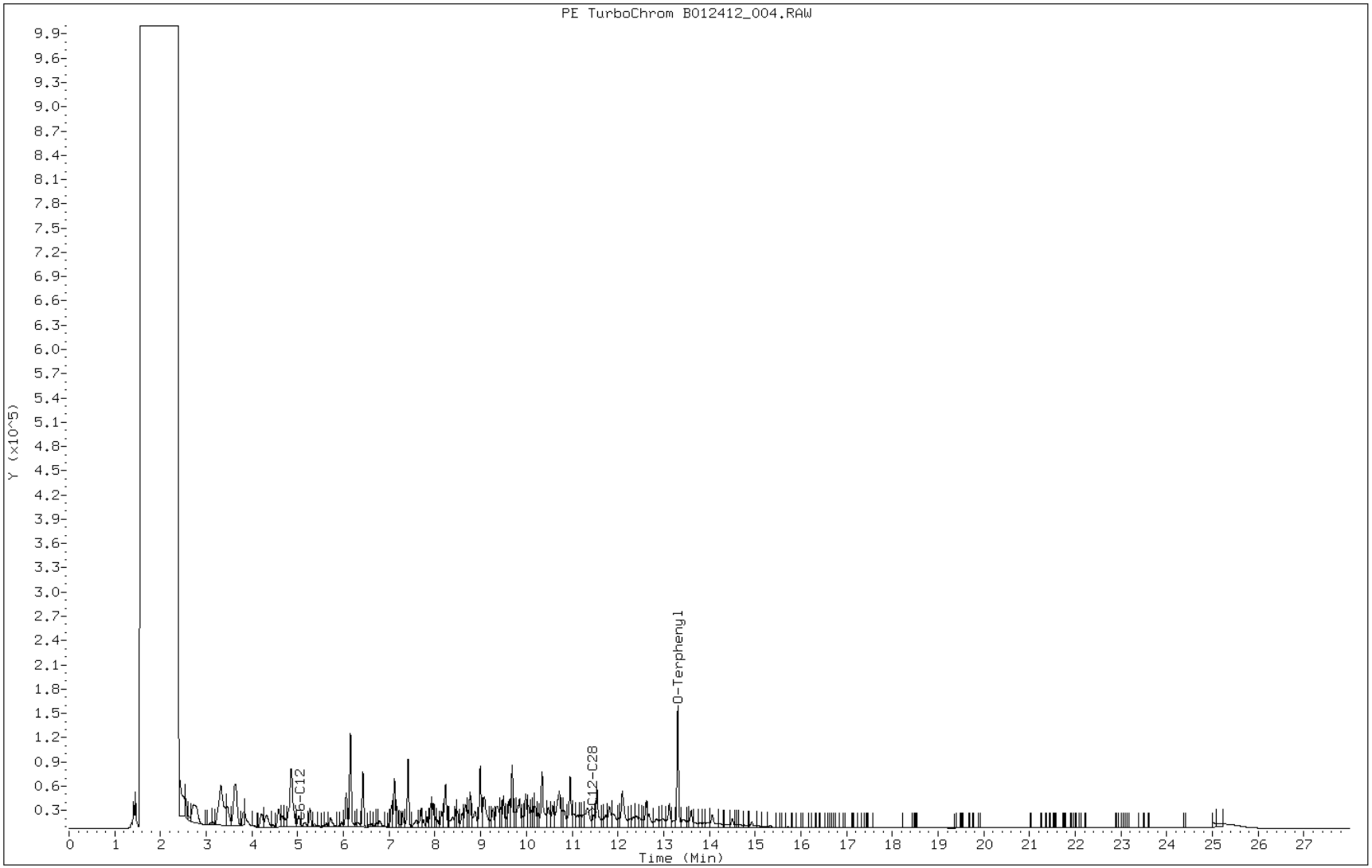
						CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
Compounds	RT	EXP RT	DLT RT	RESPONSE			
S 1 C6-C12	2.600	-7.500		3244763		192.108	192.1
$ 4 O-Terphenyl	13.310	13.323	-0.013	382740		12.3132	12.31
S 2 >C12-C28	7.510	-15.400		6587559		277.808	277.8
S 5 Total C6-C35				9832322		469.915	469.9

Data File: B012412_004.d

Date: 24-JAN-2012 21:03

Client ID: Instrument: FID-07.i

Sample Info: LCS 600-70736/2-A Operator: kp



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 600-70763/2-A

Matrix: Water | Lab File ID: A012412_008.d

Analysis Method: TX 1005 | Date Collected:

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/24/2012 13:32

Sample wt/vol: 30.00(mL) | Date Analyzed: 01/24/2012 23:27

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70845 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	34.78		5.00	0.370
STL00035	>C12-C28	37.41		5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	72.18		5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	112		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012412A.b\A012412_008.d
Lab Smp Id: LCS 600-70763/2-A
Inj Date : 24-JAN-2012 23:27
Operator : kp Inst ID: FID-07.i
Smp Info : LCS 600-70763/2-A
Misc Info : 008
Comment :
Method : \\housvr4\chem\FID-07.i\012412A.b\1005A.m
Meth Date : 25-Jan-2012 11:18 jsacco Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.400-9.000			6122300	347.765	34.78
$	4 O-Terphenyl	12.976	13.013	-0.037	456678	18.6259	1.86(RM)
S	2 >C12-C28	9.010-16.649			5809415	374.083	37.41
S	5 Total C6-C35				11931715	721.848	72.18

QC Flag Legend

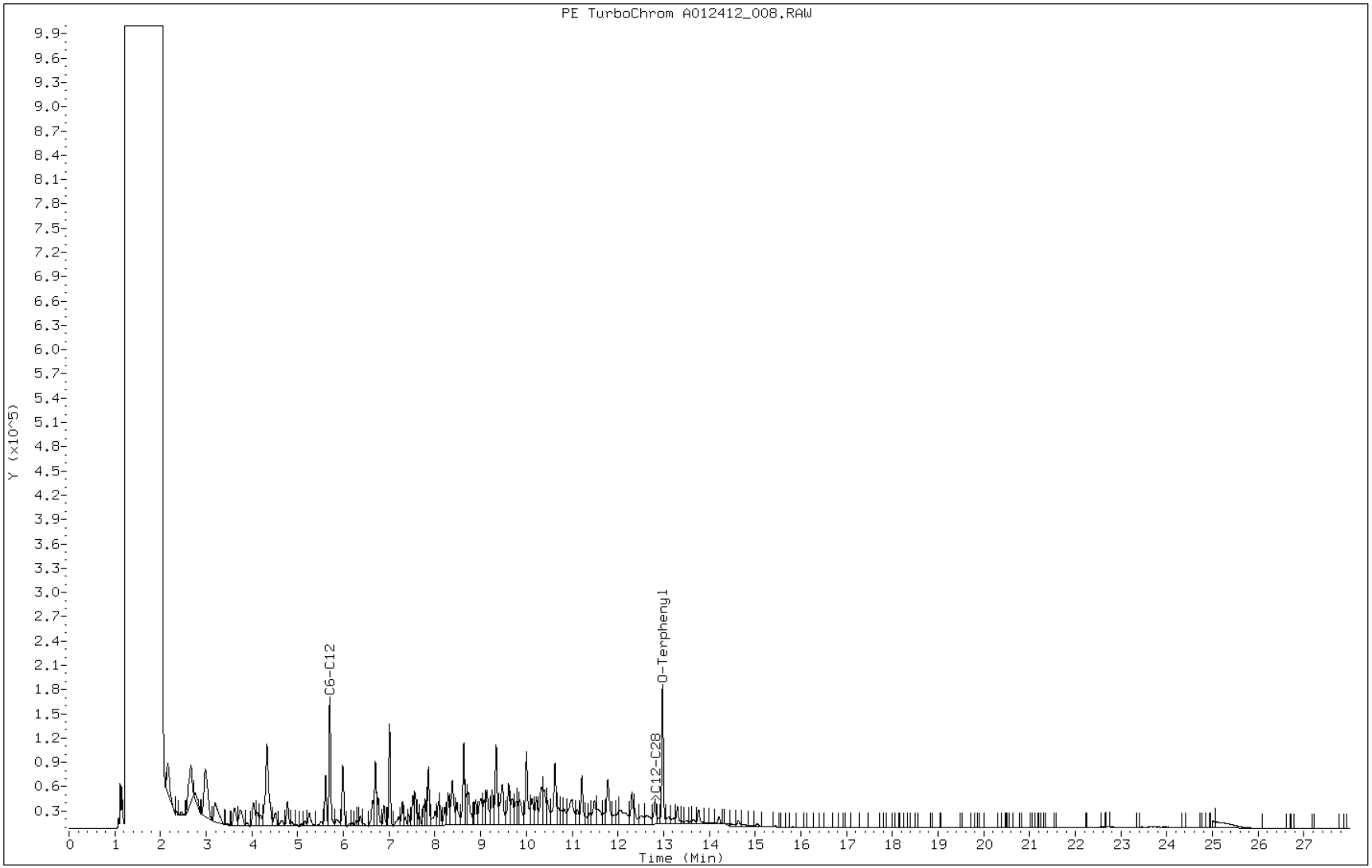
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: A012412_008.d

Date: 24-JAN-2012 23:27

Client ID: Instrument: FID-07.i

Sample Info: LCS 600-70763/2-A Operator: kp



Manual Integration Report

Data File: A012412_008.d
Inj. Date and Time: 24-JAN-2012 23:27
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/25/2012

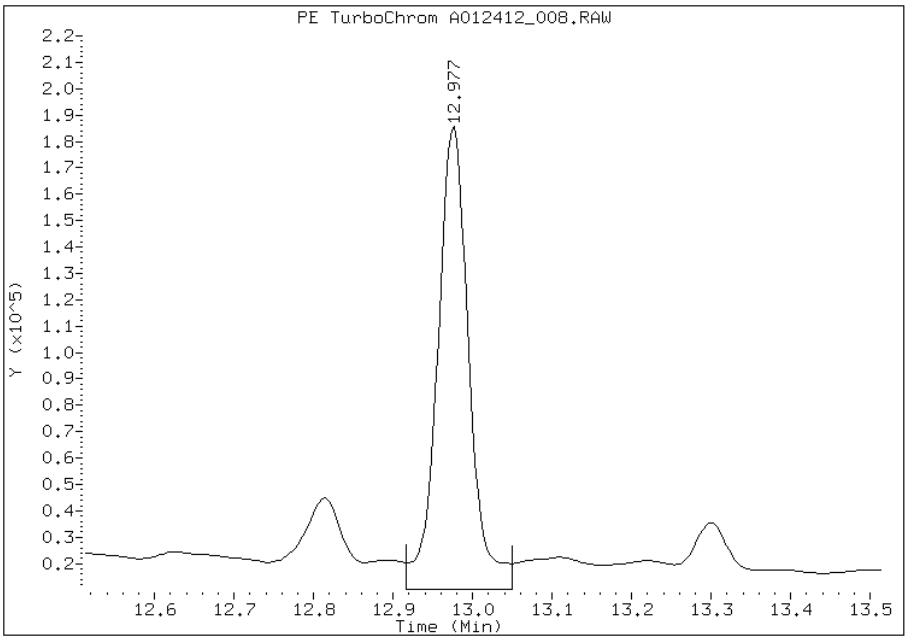
Processing Integration Results

RT: 12.98

Response: 482707

Amount: 19.69

Conc: 1.97



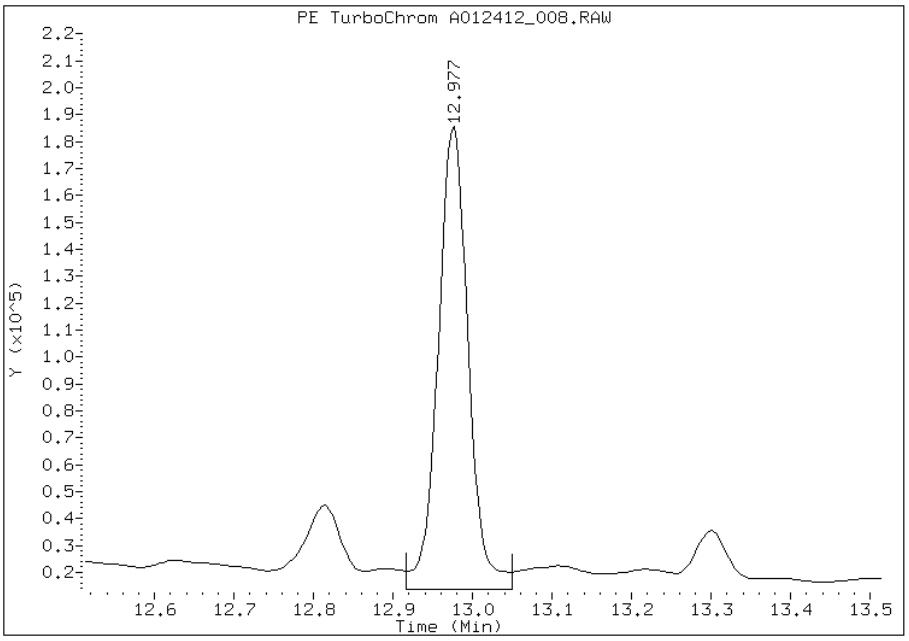
Manual Integration Results

RT: 12.98

Response: 456678

Amount: 18.63

Conc: 1.86



Manually Integrated By:
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 600-70837/2-A

Matrix: Solid Lab File ID: A012512_004.d

Analysis Method: TX 1005 Date Collected:

Extraction Method: TX_1005_S_Prep Date Extracted: 01/25/2012 11:01

Sample wt/vol: 10.00(g) Date Analyzed: 01/25/2012 20:55

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 70964 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	264.6		25.0	4.67
STL00035	>C12-C28	298.4		25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	563.0		25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	122		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012512A.b\A012512_004.d
Lab Smp Id: LCS 600-70837/2-A
Inj Date : 25-JAN-2012 20:55
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : LCS 600-70837/2-A
Misc Info : 004
Comment :
Method : \\housvr4\chem\FID-07.i\012512A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

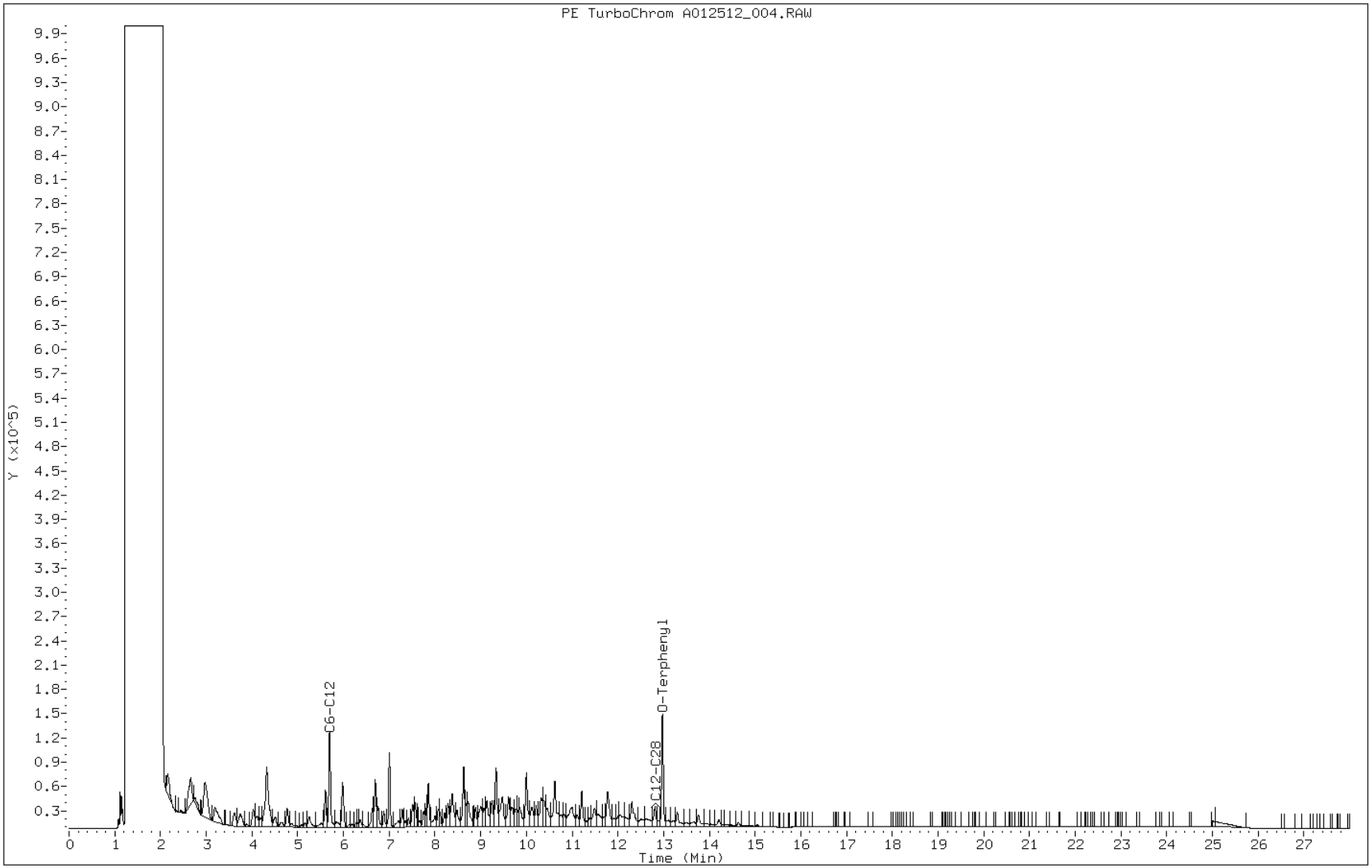
						CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (mg/L)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.400-9.000			4658282	264.605	26.46
$	4 O-Terphenyl	12.973	13.021	-0.048	374199	15.2619	1.53
S	2 >C12-C28	9.010-16.649			4634499	298.427	29.84
S	5 Total C6-C35				9292781	563.032	56.30

Data File: A012512_004.d

Date: 25-JAN-2012 20:55

Client ID: Instrument: FID-07.i

Sample Info: LCS 600-70837/2-A Operator: vanderborghr



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: FID07 Start Date: 12/05/2011 15:35

Analysis Batch Number: 67686 End Date: 12/06/2011 13:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67686/25		12/05/2011 15:35	1	A120511_004.d	RTX-5 0.53(mm)
IC 600-67686/26		12/05/2011 16:23	1	A120511_005.d	RTX-5 0.53(mm)
ICRT 600-67686/27		12/05/2011 17:03	1	A120511_006.d	RTX-5 0.53(mm)
IC 600-67686/28		12/05/2011 17:44	1	A120511_007.d	RTX-5 0.53(mm)
IC 600-67686/29		12/05/2011 18:25	1	A120511_008.d	RTX-5 0.53(mm)
IC 600-67686/30		12/05/2011 19:06	1	A120511_009.d	RTX-5 0.53(mm)
ICV 600-67686/31		12/05/2011 19:47	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 20:28	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:09	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:49	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 22:29	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:10	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 00:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 02:30	1		RTX-5 0.53(mm)
CCV 600-67686/11		12/06/2011 03:09	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 03:49	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 04:28	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:08	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:47	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 06:26	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:06	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:45	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 09:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 10:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 12:30	1		RTX-5 0.53(mm)
CCV 600-67686/24		12/06/2011 13:11	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: FID07 Start Date: 12/08/2011 17:54

Analysis Batch Number: 67901 End Date: 12/09/2011 07:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67901/1		12/08/2011 17:54	1	B120811_003.d	RTX-5 0.53(mm)
IC 600-67901/2		12/08/2011 18:33	1	B120811_004.d	RTX-5 0.53(mm)
IC 600-67901/3		12/08/2011 19:11	1	B120811_005.d	RTX-5 0.53(mm)
ICRT 600-67901/4		12/08/2011 19:49	1	B120811_006.d	RTX-5 0.53(mm)
IC 600-67901/5		12/08/2011 20:28	1	B120811_007.d	RTX-5 0.53(mm)
IC 600-67901/6		12/08/2011 21:05	1	B120811_008.d	RTX-5 0.53(mm)
IC 600-67901/7		12/08/2011 21:43	1	B120811_009.d	RTX-5 0.53(mm)
CCVRT 600-67901/8		12/08/2011 22:58	1		RTX-5 0.53(mm)
ZZZZZ		12/08/2011 23:35	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:12	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:50	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 01:27	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:04	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:41	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:18	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:55	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 04:31	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 05:08	1		RTX-5 0.53(mm)
CCV 600-67901/19		12/09/2011 05:45	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:22	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:59	1		RTX-5 0.53(mm)
CCV 600-67901/22		12/09/2011 07:36	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: FID07 Start Date: 01/24/2012 19:53

Analysis Batch Number: 70845 End Date: 01/25/2012 18:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-70845/26		01/24/2012 19:53	1	A012412_002.d	RTX-5 0.53(mm)
ZZZZZ		01/24/2012 20:28	1		RTX-5 0.53(mm)
ZZZZZ		01/24/2012 21:03	1		RTX-5 0.53(mm)
ZZZZZ		01/24/2012 21:39	1		RTX-5 0.53(mm)
ZZZZZ		01/24/2012 22:15	1		RTX-5 0.53(mm)
MB 600-70763/1-A		01/24/2012 22:51	1	A012412_007.d	RTX-5 0.53(mm)
LCS 600-70763/2-A		01/24/2012 23:27	1	A012412_008.d	RTX-5 0.53(mm)
ZZZZZ		01/25/2012 00:03	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 00:39	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 01:15	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 01:50	1		RTX-5 0.53(mm)
CCV 600-70845/7		01/25/2012 02:27	1	A012412_013.d	RTX-5 0.53(mm)
ZZZZZ		01/25/2012 03:03	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 03:44	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 04:19	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 11:27	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 12:02	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 12:37	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 13:12	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 13:47	1		RTX-5 0.53(mm)
600-49066-5	Field Blank 3	01/25/2012 14:22	1	A012412_022.d	RTX-5 0.53(mm)
CCV 600-70845/20		01/25/2012 14:58	1	A012412_023.d	RTX-5 0.53(mm)
600-49066-6	Equipment Blank 7	01/25/2012 15:33	1	A012412_024.d	RTX-5 0.53(mm)
ZZZZZ		01/25/2012 16:30	2		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 17:05	100		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 17:40	2		RTX-5 0.53(mm)
CCV 600-70845/27		01/25/2012 18:15	1	A012412_028.d	RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: FID07 Start Date: 01/24/2012 19:53

Analysis Batch Number: 70885 End Date: 01/25/2012 18:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-70885/1		01/24/2012 19:53	1	B012412_002.d	RTX-5 0.53(mm)
MB 600-70736/1-A		01/24/2012 20:28	1	B012412_003.d	RTX-5 0.53(mm)
LCS 600-70736/2-A		01/24/2012 21:03	1	B012412_004.d	RTX-5 0.53(mm)
ZZZZZ		01/24/2012 21:39	1		RTX-5 0.53(mm)
ZZZZZ		01/24/2012 22:15	1		RTX-5 0.53(mm)
ZZZZZ		01/24/2012 22:51	1		RTX-5 0.53(mm)
ZZZZZ		01/24/2012 23:27	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 00:03	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 00:39	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 01:15	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 01:15	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 01:15	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 01:50	1		RTX-5 0.53(mm)
CCV 600-70885/12		01/25/2012 02:27	1	B012412_013.d	RTX-5 0.53(mm)
ZZZZZ		01/25/2012 03:44	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 04:19	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 11:27	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 12:02	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 13:12	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 13:47	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 14:22	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 14:58	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 16:30	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 17:05	1		RTX-5 0.53(mm)
600-49066-7	Trip Blank	01/25/2012 17:40	1	B012412_027.d	RTX-5 0.53(mm)
CCV 600-70885/25		01/25/2012 18:15	1	B012412_028.d	RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: FID07 Start Date: 01/25/2012 19:46

Analysis Batch Number: 70964 End Date: 01/27/2012 11:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-70964/1		01/25/2012 19:46	1	A012512_002.d	RTX-5 0.53(mm)
MB 600-70837/1-A		01/25/2012 20:20	1	A012512_003.d	RTX-5 0.53(mm)
LCS 600-70837/2-A		01/25/2012 20:55	1	A012512_004.d	RTX-5 0.53(mm)
ZZZZZ		01/25/2012 21:29	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 22:03	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 22:37	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 23:11	1		RTX-5 0.53(mm)
ZZZZZ		01/25/2012 23:46	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 00:20	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 00:54	1		RTX-5 0.53(mm)
600-49066-1	2012-FWCS-9	01/26/2012 01:28	1	A012512_012.d	RTX-5 0.53(mm)
CCV 600-70964/12		01/26/2012 02:02	1	A012512_013.d	RTX-5 0.53(mm)
600-49066-2	2012-FWCS-1	01/26/2012 02:36	1	A012512_014.d	RTX-5 0.53(mm)
600-49066-3	2012-FWCS-8	01/26/2012 03:10	1	A012512_015.d	RTX-5 0.53(mm)
ZZZZZ		01/26/2012 03:45	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 04:19	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 04:53	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 05:27	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 06:01	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 06:35	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 07:09	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 07:44	1		RTX-5 0.53(mm)
CCV 600-70964/23		01/26/2012 08:18	1	A012512_024.d	RTX-5 0.53(mm)
ZZZZZ		01/26/2012 08:52	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 09:26	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 10:00	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 11:44	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 12:20	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 12:55	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 13:30	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 14:05	1		RTX-5 0.53(mm)
CCV 600-70964/32		01/26/2012 14:41	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 15:35	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 17:22	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 17:57	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 18:32	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 19:06	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 19:41	1		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 20:15	50		RTX-5 0.53(mm)
ZZZZZ		01/26/2012 20:50	1		RTX-5 0.53(mm)
CCV 600-70964/41		01/26/2012 21:24	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 09:19	4		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 11:22	2		RTX-5 0.53(mm)
CCV 600-70964/43		01/27/2012 11:57	1		RTX-5 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Batch Number: 70736 Batch Start Date: 01/24/12 09:56 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_S_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005SURR 00054		
MB 600-70736/1		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL		250 uL		
LCS 600-70736/2		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL	250 uL	250 uL		

Batch Notes	
Vendor lot number	ExPentane-0000
Solvent	Pentane

Basis	Basis Description

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Batch Number: 70763 Batch Start Date: 01/24/12 13:32 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_W_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005SURR 00055	AnalysisComment
MB 600-70763/1		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL		100 uL	
LCS 600-70763/2		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL	100 uL	100 uL	
600-49066-A-5	Field Blank 3	TX_1005_W_Prep, TX 1005	T	2 SU	30.80 mL	3.00 mL		100 uL	rush (field blank)
600-49066-B-6	Equipment Blank 7	TX_1005_W_Prep, TX 1005	T	2 SU	30.54 mL	3.00 mL		100 uL	rush (equipment blank)
600-49066-A-7	Trip Blank	TX_1005_W_Prep, TX 1005	T	2 SU	30.32 mL	3.00 mL		100 uL	rush (trip blank)

Batch Notes	
Vendor lot number	ExPentane-00008
Solvent	Pentane

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Batch Number: 70837 Batch Start Date: 01/25/12 11:01 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_S_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005SURR 00055	AnalysisComment	
MB 600-70837/1		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL		250 uL		
LCS 600-70837/2		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL	250 uL	250 uL		
600-49066-A-1	2012-FWCS-9	TX_1005_S_Prep, TX 1005	T	10.05 g	10.00 mL		250 uL	rush	
600-49066-A-2	2012-FWCS-1	TX_1005_S_Prep, TX 1005	T	10.02 g	10.00 mL		250 uL	rush	
600-49066-B-3	2012-FWCS-8	TX_1005_S_Prep, TX 1005	T	10.00 g	10.00 mL		250 uL	rush	

Batch Notes	
Vendor lot number	ExPentane-00008
Solvent	Pentane

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-FWCS-9	600-49066-1
2012-FWCS-1	600-49066-2
2012-FWCS-8	600-49066-3
Equipment Blank 7	600-49066-6

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-9 Lab Sample ID: 600-49066-1

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG ID.:

Matrix: Solid Date Sampled: 01/18/2012 10:28

Reporting Basis: DRY Date Received: 01/19/2012 09:21

% Solids: 69.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	3.07	0.352	0.0361	mg/Kg			1	6010B
7439-92-1	Lead	81.3	0.703	0.147	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-1 Lab Sample ID: 600-49066-2

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG ID.:

Matrix: Solid Date Sampled: 01/18/2012 11:42

Reporting Basis: DRY Date Received: 01/19/2012 09:21

% Solids: 77.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	10.0	0.321	0.0330	mg/Kg			1	6010B
7439-92-1	Lead	2240	0.643	0.135	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-8 Lab Sample ID: 600-49066-3

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG ID.:

Matrix: Solid Date Sampled: 01/18/2012 12:16

Reporting Basis: DRY Date Received: 01/19/2012 09:21

% Solids: 75.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	234	0.333	0.0342	mg/Kg			1	6010B
7439-92-1	Lead	853	0.666	0.140	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Equipment Blank 7 Lab Sample ID: 600-49066-6

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG ID.:

Matrix: Water Date Sampled: 01/18/2012 14:40

Reporting Basis: WET Date Received: 01/19/2012 09:21

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.00220	0.00500	0.000350	mg/L	J		1	6010B
7439-92-1	Lead	0.00550	0.0100	0.00290	mg/L	J		1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	ICV 600-70835/9 01/25/2012 08:20				CCV 600-70835/83 01/25/2012 11:32				CCV 600-70835/96 01/25/2012 12:06			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4883		0.500	98	0.4783		0.500	96	0.4774		0.500	95
Lead	0.4843		0.500	97	0.4768		0.500	95	0.4774		0.500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	CCV 600-70835/109 01/25/2012 12:40				CCV 600-70835/113 01/25/2012 12:51							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4820		0.500	96	0.4772		0.500	95				
Lead	0.4787		0.500	96	0.4748		0.500	95				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-70833/4 01/25/2012 07:14				CCV 600-70833/9 01/25/2012 07:35				CCV 600-70833/21 01/25/2012 08:22			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5027		0.500	101	0.5060		0.500	101	0.5094		0.500	102
Lead	0.5010		0.500	100	0.5024		0.500	100	0.5073		0.500	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-70833/33 01/25/2012 09:08				CCV 600-70833/45 01/25/2012 09:57							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5031		0.500	101	0.5002		0.500	100				
Lead	0.5054		0.500	101	0.4995		0.500	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-70833/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005110		102	0-500
Lead	0.0100	0.009450	J	95	0-500

Lab Sample ID: CRI 600-70833/90 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005210		104	0-500
Lead	0.0100	0.01041		104	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70835/11 01/25/2012 08:25		CCB 600-70835/85 01/25/2012 11:37		CCB 600-70835/98 01/25/2012 12:12		CCB 600-70835/111 01/25/2012 12:45	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70835/115 01/25/2012 12:56							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70833/5 01/25/2012 07:18		CCB 600-70833/10 01/25/2012 07:39		CCB 600-70833/22 01/25/2012 08:25		CCB 600-70833/34 01/25/2012 09:12	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70833/46 01/25/2012 10:01							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-70516/1-A

Instrument Code: TJA1 Batch No.: 70833

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.105	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70604/1-A

Instrument Code: Thermo6500 Batch No.: 70835

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B
7439-92-1	Lead	0.00290	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: ICSA 600-70835/12 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0141**	
Aluminum	*500*	*533*	*107*
Antimony		*-0.0082*	
Arsenic		*0.0042*	
Barium		*0.0006*	
Beryllium		*0.0000*	
Boron		*-0.0061*	
Calcium	*500*	*517*	*103*
Chromium		*0.0022*	
Cobalt		*0.0005*	
Copper		*0.0024*	
Iron	*200*	*202*	*101*
Lithium		*0.0072*	
Magnesium	*500*	*586*	*117*
Manganese		*-0.0053*	
Molybdenum		*-0.0009*	
Nickel		*0.0055*	
Potassium		*0.0188*	
Selenium		*0.0021*	
Silicon		*-0.0228*	
Silver		*-0.0004*	
Sodium		*0.0078*	
Strontium		*0.0022*	
Thallium		*-0.0085*	
Tin		*0.0010*	
Titanium		*0.0033*	
Vanadium		*-0.0056*	
Zinc		*0.0031*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: ICSAB 600-70835/13 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.513**	**103**
Lead	**1.00**	**0.939**	**94**
Aluminum	*510*	*565*	*111*
Antimony	*1.00*	*0.962*	*96*
Arsenic	*1.00*	*0.992*	*99*
Barium	*1.00*	*1.10*	*110*
Beryllium	*0.500*	*0.538*	*108*
Boron	*1.00*	*1.14*	*114*
Calcium	*510*	*537*	*105*
Chromium	*1.00*	*0.971*	*97*
Cobalt	*1.00*	*0.992*	*99*
Copper	*1.00*	*1.19*	*119*
Iron	*210*	*216*	*103*
Lithium	*1.00*	*1.12*	*112*
Magnesium	*510*	*601*	*118*
Manganese	*1.00*	*0.968*	*97*
Molybdenum	*1.00*	*0.899*	*90*
Nickel	*1.00*	*0.974*	*97*
Potassium	*10.0*	*11.4*	*114*
Selenium	*1.00*	*0.984*	*98*
Silicon	*1.00*	*1.01*	*101*
Silver	*0.500*	*0.555*	*111*
Sodium	*10.0*	*11.1*	*111*
Strontium	*0.500*	*0.547*	*109*
Thallium	*1.00*	*0.921*	*92*
Tin	*1.00*	*0.990*	*99*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.00*	*100*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: ICSA 600-70835/116 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0217**	
Aluminum	*500*	*567*	*113*
Antimony		*-0.0033*	
Arsenic		*0.0020*	
Barium		*0.0005*	
Beryllium		*-0.0003*	
Boron		*-0.0066*	
Calcium	*500*	*539*	*108*
Chromium		*0.0016*	
Cobalt		*0.0006*	
Copper		*0.0017*	
Iron	*200*	*204*	*102*
Lithium		*0.0081*	
Magnesium	*500*	*577*	*115*
Manganese		*-0.0053*	
Molybdenum		*-0.0011*	
Nickel		*0.0063*	
Potassium		*-0.0002*	
Selenium		*-0.0029*	
Silicon		*0.0204*	
Silver		*-0.0004*	
Sodium		*0.0807*	
Strontium		*0.0023*	
Thallium		*-0.0014*	
Tin		*0.0021*	
Titanium		*0.0030*	
Vanadium		*-0.0053*	
Zinc		*0.0029*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: ICSAB 600-70835/117 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.507**	**101**
Lead	**1.00**	**0.918**	**92**
Aluminum	*510*	*598*	*117*
Antimony	*1.00*	*0.947*	*95*
Arsenic	*1.00*	*0.983*	*98*
Barium	*1.00*	*1.11*	*111*
Beryllium	*0.500*	*0.535*	*107*
Boron	*1.00*	*1.12*	*112*
Calcium	*510*	*555*	*109*
Chromium	*1.00*	*0.977*	*98*
Cobalt	*1.00*	*0.990*	*99*
Copper	*1.00*	*1.20*	*120*
Iron	*210*	*216*	*103*
Lithium	*1.00*	*1.18*	*118*
Magnesium	*510*	*590*	*116*
Manganese	*1.00*	*0.966*	*97*
Molybdenum	*1.00*	*0.879*	*88*
Nickel	*1.00*	*0.960*	*96*
Potassium	*10.0*	*12.0*	*120*
Selenium	*1.00*	*0.970*	*97*
Silicon	*1.00*	*0.962*	*96*
Silver	*0.500*	*0.553*	*111*
Sodium	*10.0*	*11.7*	*117*
Strontium	*0.500*	*0.542*	*108*
Thallium	*1.00*	*0.910*	*91*
Tin	*1.00*	*0.993*	*99*
Titanium	*1.00*	*1.03*	*103*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*0.997*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: ICSA 600-70833/7 Instrument ID: TJA1

Lab File ID: A012512 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0052**	
Lead		**0.0082**	
Aluminum	*500*	*497*	*99*
Antimony		*0.0007*	
Arsenic		*-0.0011*	
Barium		*0.0018*	
Beryllium		*-0.0002*	
Boron		*-0.0006*	
Calcium	*500*	*452*	*90*
Chromium		*0.0015*	
Cobalt		*0.0000*	
Copper		*0.0135*	
Iron	*200*	*190*	*95*
Lithium		*0.0046*	
Magnesium	*500*	*504*	*101*
Manganese		*-0.0080*	
Molybdenum		*-0.0008*	
Nickel		*0.0015*	
Potassium		*0.141*	
Selenium		*-0.0144*	
Silicon		*0.0133*	
Silver		*-0.0009*	
Sodium		*0.158*	
Strontium		*-0.0090*	
Thallium		*-0.0027*	
Tin		*0.0005*	
Titanium		*-0.0024*	
Vanadium		*0.0042*	
Zinc		*0.0021*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: ICSAB 600-70833/8 Instrument ID: TJA1

Lab File ID: A012512 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.476**	**95**
Lead	**1.00**	**0.972**	**97**
Aluminum	*510*	*506*	*99*
Antimony	*1.00*	*1.03*	*103*
Arsenic	*1.00*	*1.03*	*103*
Barium	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.489*	*98*
Boron	*1.00*	*1.03*	*103*
Calcium	*510*	*462*	*90*
Chromium	*1.00*	*0.962*	*96*
Cobalt	*1.00*	*0.928*	*93*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*200*	*95*
Lithium	*1.00*	*1.22*	*122*
Magnesium	*510*	*515*	*101*
Manganese	*1.00*	*0.953*	*95*
Molybdenum	*1.00*	*0.984*	*98*
Nickel	*1.00*	*0.920*	*92*
Potassium	*10.0*	*14.3*	*143*
Selenium	*1.00*	*1.00*	*100*
Silicon	*1.00*	*0.970*	*97*
Silver	*0.500*	*0.534*	*107*
Sodium	*10.0*	*13.6*	*136*
Strontium	*0.500*	*0.493*	*99*
Thallium	*1.00*	*0.962*	*96*
Tin	*1.00*	*1.00*	*100*
Titanium	*1.00*	*0.987*	*99*
Vanadium	*1.00*	*0.983*	*98*
Zinc	*1.00*	*1.00*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: ICSA 600-70833/91 Instrument ID: TJA1

Lab File ID: A012512 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0061**	
Lead		**0.0088**	
Aluminum	*500*	*491*	*98*
Antimony		*0.0033*	
Arsenic		*0.0023*	
Barium		*0.0018*	
Beryllium		*-0.0005*	
Boron		*-0.0018*	
Calcium	*500*	*450*	*90*
Chromium		*0.0015*	
Cobalt		*0.0001*	
Copper		*0.0121*	
Iron	*200*	*190*	*95*
Lithium		*0.0046*	
Magnesium	*500*	*486*	*97*
Manganese		*-0.0076*	
Molybdenum		*0.0005*	
Nickel		*0.0014*	
Potassium		*0.122*	
Selenium		*-0.0161*	
Silicon		*0.0025*	
Silver		*-0.0009*	
Sodium		*0.159*	
Strontium		*-0.0088*	
Thallium		*0.0007*	
Tin		*-0.0030*	
Titanium		*-0.0024*	
Vanadium		*0.0050*	
Zinc		*0.0016*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Lab Sample ID: ICSAB 600-70833/92 Instrument ID: TJA1

Lab File ID: A012512 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.480**	**96**
Lead	**1.00**	**0.951**	**95**
Aluminum	*510*	*498*	*98*
Antimony	*1.00*	*1.03*	*103*
Arsenic	*1.00*	*1.03*	*103*
Barium	*1.00*	*1.03*	*103*
Beryllium	*0.500*	*0.466*	*93*
Boron	*1.00*	*1.04*	*104*
Calcium	*510*	*457*	*90*
Chromium	*1.00*	*0.927*	*93*
Cobalt	*1.00*	*0.883*	*88*
Copper	*1.00*	*1.04*	*104*
Iron	*210*	*199*	*95*
Lithium	*1.00*	*1.25*	*125*
Magnesium	*510*	*495*	*97*
Manganese	*1.00*	*0.921*	*92*
Molybdenum	*1.00*	*0.989*	*99*
Nickel	*1.00*	*1.01*	*101*
Potassium	*10.0*	*14.6*	*146*
Selenium	*1.00*	*0.977*	*98*
Silicon	*1.00*	*0.941*	*94*
Silver	*0.500*	*0.528*	*106*
Sodium	*10.0*	*13.8*	*138*
Strontium	*0.500*	*0.505*	*101*
Thallium	*1.00*	*0.992*	*99*
Tin	*1.00*	*0.976*	*98*
Titanium	*1.00*	*0.985*	*99*
Vanadium	*1.00*	*0.960*	*96*
Zinc	*1.00*	*1.00*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-FWCS-1 MS
Lab ID: 600-49066-2 MS
Lab Name: TestAmerica Houston
Job No.: 600-49066-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 77.8

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	33.08		10.0		31.8	72	75-125	N	6010B
Lead	2413		2240		63.7	278	75-125	4	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-FWCS-1 MSD
Lab ID: 600-49066-2 MSD
Lab Name: TestAmerica Houston
Job No.: 600-49066-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 77.8

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	35.14		32.1	78	75-125	6	20		6010B
Lead	3070		64.3	1298	75-125	24	20	4 N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

6-IN
DUPLICATES
METALS

Client ID: 2012-FWCS-1 DU | Lab ID: 600-49066-2 DU

Lab Name: TestAmerica Houston | Job No.: 600-49066-1

SDG No.:

% Solids for Sample: 77.8 | % Solids for Duplicate: 77.8

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.312	10.0		13.47		29	F	6010B
Lead	0.624	2240		2720		20		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70516/2-A

Lab Name: TestAmerica Houston Job No.: 600-49066-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	68.21		96	81	119		6010B
Lead	144	141.4		98	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70604/2-A

Lab Name: TestAmerica Houston Job No.: 600-49066-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.4716		94	80	120		6010B
Lead	1.00	0.9466		95	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-49066-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-70516/1-A	01/20/2012 12:41	70516	1.00		50
LCS 600-70516/2-A	01/20/2012 12:41	70516	0.50		50
600-49066-1	01/20/2012 12:41	70516	1.03		50
600-49066-2	01/20/2012 12:41	70516	1.00		50
600-49066-2 DU	01/20/2012 12:41	70516	1.03		50
600-49066-2 MS	01/20/2012 12:41	70516	1.01		50
600-49066-2 MSD	01/20/2012 12:41	70516	1.00		50
600-49066-3	01/20/2012 12:41	70516	1.00		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70604/1-A	01/23/2012 05:50	70604		50	50
LCS 600-70604/2-A	01/23/2012 05:50	70604		50	50
600-49066-6	01/23/2012 05:50	70604		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-70835/1			08:00																					
RINSE 600-70835/2			08:02																					
ZZZZZZ			08:05																					
ZZZZZZ			08:08																					
CALIBSTD 600-70835/5 IC			08:10	X	X																			
CALIBSTD 600-70835/6 IC			08:13	X	X																			
CALIBSTD 600-70835/7 IC			08:15	X	X																			
CALIBSTD 600-70835/8 IC			08:18	X	X																			
ICV 600-70835/9	1		08:20	X	X																			
ZZZZZZ			08:22																					
ICB 600-70835/11	1		08:25	X	X																			
ICSA 600-70835/12	1		08:28	X	X																			
ICSAB 600-70835/13	1		08:30	X	X																			
CCV 600-70835/14			08:33																					
ZZZZZZ			08:35																					
CCB 600-70835/16			08:38																					
ZZZZZZ			08:40																					
ZZZZZZ			08:43																					
ZZZZZZ			08:45																					
ZZZZZZ			08:48																					
ZZZZZZ			08:51																					
ZZZZZZ			08:53																					
ZZZZZZ			08:56																					
ZZZZZZ			08:58																					
ZZZZZZ			09:01																					
ZZZZZZ			09:03																					
CCV 600-70835/27			09:06																					
ZZZZZZ			09:09																					
CCB 600-70835/29			09:11																					
ZZZZZZ			09:14																					
ZZZZZZ			09:16																					
ZZZZZZ			09:19																					
ZZZZZZ			09:22																					
ZZZZZZ			09:24																					
ZZZZZZ			09:27																					
ZZZZZZ			09:29																					
ZZZZZZ			09:32																					
ZZZZZZ			09:34																					
ZZZZZZ			09:37																					
CCV 600-70835/40			09:40																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			09:42																				
CCB 600-70835/42			09:45																				
ZZZZZZ			09:47																				
ZZZZZZ			09:50																				
ZZZZZZ			09:52																				
ZZZZZZ			09:55																				
ZZZZZZ			09:58																				
ZZZZZZ			10:00																				
ZZZZZZ			10:03																				
ZZZZZZ			10:05																				
CCV 600-70835/51			10:08																				
ZZZZZZ			10:11																				
CCB 600-70835/53			10:13																				
ZZZZZZ			10:16																				
ZZZZZZ			10:19																				
ZZZZZZ			10:21																				
ZZZZZZ			10:24																				
ZZZZZZ			10:26																				
ZZZZZZ			10:29																				
ZZZZZZ			10:32																				
ZZZZZZ			10:35																				
ZZZZZZ			10:37																				
ZZZZZZ			10:40																				
CCV 600-70835/64			10:43																				
ZZZZZZ			10:45																				
CCB 600-70835/66			10:48																				
ZZZZZZ			10:51																				
ZZZZZZ			10:53																				
ZZZZZZ			10:56																				
ZZZZZZ			10:59																				
ZZZZZZ			11:01																				
ZZZZZZ			11:03																				
ZZZZZZ			11:06																				
ZZZZZZ			11:09																				
ZZZZZZ			11:12																				
ZZZZZZ			11:14																				
CCV 600-70835/77			11:17																				
ZZZZZZ			11:19																				
CCB 600-70835/79			11:22																				
ZZZZZZ			11:25																				
ZZZZZZ			11:27																				
ZZZZZZ			11:30																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
CCV 600-70835/83	1		11:32	X	X																			
ZZZZZZ			11:35																					
CCB 600-70835/85	1		11:37	X	X																			
MB 600-70604/1-A	1	T	11:40	X	X																			
LCS 600-70604/2-A	1	T	11:43	X	X																			
ZZZZZZ			11:45																					
600-49066-6	1	T	11:48	X	X																			
ZZZZZZ			11:50																					
ZZZZZZ			11:53																					
ZZZZZZ			11:56																					
ZZZZZZ			11:58																					
ZZZZZZ			12:01																					
ZZZZZZ			12:04																					
CCV 600-70835/96	1		12:06	X	X																			
ZZZZZZ			12:09																					
CCB 600-70835/98	1		12:12	X	X																			
ZZZZZZ			12:14																					
ZZZZZZ			12:17																					
ZZZZZZ			12:19																					
ZZZZZZ			12:22																					
ZZZZZZ			12:24																					
ZZZZZZ			12:27																					
ZZZZZZ			12:30																					
ZZZZZZ			12:32																					
ZZZZZZ			12:35																					
ZZZZZZ			12:38																					
CCV 600-70835/109	1		12:40	X	X																			
ZZZZZZ			12:43																					
CCB 600-70835/111	1		12:45	X	X																			
ZZZZZZ			12:48																					
CCV 600-70835/113	1		12:51	X	X																			
ZZZZZZ			12:53																					
CCB 600-70835/115	1		12:56	X	X																			
ICSA 600-70835/116	1		15:54	X	X																			
ICSAB 600-70835/117	1		15:57	X	X																			
CCV 600-70835/118			15:59																					
CCB 600-70835/119			16:01																					
RINSE 600-70835/120			16:04																					
RINSE 600-70835/121			16:07																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/25/2012 07:03 End Date: 01/25/2012 13:12

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			07:03																					
STD 600-70833/2 IC			07:06	X	X																			
ZZZZZZ			07:11																					
ICV 600-70833/4	1		07:14	X	X																			
ICB 600-70833/5	1		07:18	X	X																			
CRI 600-70833/6	1		07:22	X	X																			
ICSA 600-70833/7	1		07:26	X	X																			
ICSAB 600-70833/8	1		07:30	X	X																			
CCV 600-70833/9	1		07:35	X	X																			
CCB 600-70833/10	1		07:39	X	X																			
MB 600-70516/1-A	1	T	07:43	X	X																			
LCS 600-70516/2-A	1	T	07:47	X	X																			
ZZZZZZ			07:51																					
ZZZZZZ			07:55																					
ZZZZZZ			07:59																					
ZZZZZZ			08:02																					
ZZZZZZ			08:06																					
ZZZZZZ			08:10																					
ZZZZZZ			08:14																					
ZZZZZZ			08:18																					
CCV 600-70833/21	1		08:22	X	X																			
CCB 600-70833/22	1		08:25	X	X																			
ZZZZZZ			08:29																					
ZZZZZZ			08:33																					
ZZZZZZ			08:37																					
ZZZZZZ			08:41																					
ZZZZZZ			08:45																					
ZZZZZZ			08:49																					
ZZZZZZ			08:52																					
ZZZZZZ			08:56																					
ZZZZZZ			09:00																					
ZZZZZZ			09:04																					
CCV 600-70833/33	1		09:08	X	X																			
CCB 600-70833/34	1		09:12	X	X																			
ZZZZZZ			09:16																					
ZZZZZZ			09:19																					
600-49066-1	1	T	09:23	X	X																			
600-49066-2	1	T	09:29	X	X																			
600-49066-2 DU	1	T	09:32	X	X																			
600-49066-2 MS	1	T	09:36	X	X																			
600-49066-2 MSD	1	T	09:40	X	X																			
600-49066-3	1	T	09:45	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/25/2012 07:03 End Date: 01/25/2012 13:12

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			09:49																					
ZZZZZZ			09:53																					
CCV 600-70833/45	1		09:57	X	X																			
CCB 600-70833/46	1		10:01	X	X																			
ZZZZZZ			10:06																					
ZZZZZZ			10:10																					
ZZZZZZ			10:14																					
ZZZZZZ			10:17																					
ZZZZZZ			10:21																					
ZZZZZZ			10:25																					
ZZZZZZ			10:29																					
ZZZZZZ			10:33																					
ZZZZZZ			10:37																					
ZZZZZZ			10:41																					
CCV 600-70833/57			10:44																					
CCB 600-70833/58			10:48																					
ZZZZZZ			10:54																					
ZZZZZZ			10:58																					
ZZZZZZ			11:02																					
ZZZZZZ			11:05																					
ZZZZZZ			11:09																					
ZZZZZZ			11:13																					
ZZZZZZ			11:17																					
ZZZZZZ			11:22																					
ZZZZZZ			11:26																					
ZZZZZZ			11:30																					
CCV 600-70833/69			11:34																					
CCB 600-70833/70			11:37																					
ZZZZZZ			11:41																					
ZZZZZZ			11:45																					
ZZZZZZ			11:50																					
ZZZZZZ			11:54																					
ZZZZZZ			11:58																					
CCV 600-70833/76			12:02																					
CCB 600-70833/77			12:05																					
ZZZZZZ			12:10																					
ZZZZZZ			12:14																					
ZZZZZZ			12:18																					
ZZZZZZ			12:22																					
ZZZZZZ			12:26																					
ZZZZZZ			12:29																					
ZZZZZZ			12:33																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/25/2012 07:03 End Date: 01/25/2012 13:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
ZZZZZZ			12:37																				
ZZZZZZ			12:41																				
ZZZZZZ			12:45																				
CCV 600-70833/88			12:49																				
CCB 600-70833/89			12:53																				
CRI 600-70833/90	1		12:56	X	X																		
ICSA 600-70833/91	1		13:00	X	X																		
ICSAB 600-70833/92	1		13:04	X	X																		
CCV 600-70833/93			13:08																				
CCB 600-70833/94			13:12																				

Prep Types
T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:00:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0003	0.0006	241.3	0.0002	-0.0007
Al3082	308.215	{1	In2306	ppm	0.0248	0.0603	242.9	-0.0178	0.0674
As1890	189.042	{4	Y_2243	ppm	0.0004	0.0002	45.86	0.0003	0.0005
B_2496	249.678	{1	Y_3710	ppm	-0.0001	0.0024	1824	-0.0018	0.0016
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0003	0.0001	18.5	-0.0003	-0.0002
Be3130	313.042	{1	Y_3710	ppm	0.0002	0.0001	41.34	0.0003	0.0001
Ca3158	315.887	{1	In2306	ppm	-0.0184	0.0173	94.05	-0.0062	-0.0307
Ca3181	318.128	{1	In2306	ppm	-0.0073	0.048	658.3	0.0266	-0.0412
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0	41.79	-0.0001	-0.0001
Co2286	228.616	{4	In2306	ppm	0.0001	0	41.33	0.0001	0.0001
Cr2677	267.716	{1	Y_3600	ppm	-0.0003	0.0002	77.57	-0.0001	-0.0005
Cu3247	324.754	{1	Y_3600	ppm	-0.0005	0.0007	150	0	-0.001
Fe2404	240.488	{1	In2306	ppm	0.0092	0.0013	14.45	0.0102	0.0083
K_7664	766.490	{ 4	Y_3710	ppm	0.0114	0.0024	21.18	0.0097	0.0131
K_7698	769.896	{ 4	Y_3710	ppm	-0.3328	0.0371	11.14	-0.359	-0.3066
Li6707	670.784	{ 5	Y_3710	ppm	0.0002	0.0002	108.8	0	0.0003
Mg2790	279.079	{1	Y_3710	ppm	0.0297	0.0244	82.16	0.047	0.0125
Mn2576	257.610	{1	Y_3600	ppm	0	0.0001	150.7	0	-0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0017	0.0004	24.61	-0.0014	-0.002
Mo2020	202.030	{4	Y_2243	ppm	0.0001	0.0001	59.55	0.0001	0.0002
Na5895	589.592	{ 5	Y_3710	ppm	-0.0618	0.001	1.571	-0.0611	-0.0625
Na8183	818.326	{ 4	Y_3710	ppm	-0.0098	0.0444	452.4	-0.0412	0.0216
Ni2316	231.604	{4	In2306	ppm	-0.0002	0.0001	47.57	-0.0001	-0.0002
P_1782	178.284	{4	In2306	ppm	-0.0014	0.0004	28.79	-0.0011	-0.0017
Pb2203	220.353	{4	In2306	ppm	0.001	0.0008	85.61	0.0016	0.0004
S_1820	182.034	{4	Y_2243	ppm	0.0904	0.0879	97.24	0.1526	0.0282
Sb2068	206.833	{4	Y_2243	ppm	0.003	0.0004	13.21	0.0028	0.0033
Se1960	196.090	{4	Y_2243	ppm	-0.0005	0.0003	58	-0.0008	-0.0003
Si2516	251.611	{1	Y_3710	ppm	0.006	0.0305	505.7	-0.0156	0.0276
Sn1899	189.989	{4	In2306	ppm	-0.0002	0.0001	29.74	-0.0001	-0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	-0.0001	0.0001	163.5	-0.0001	0
Ti3349	334.904	{1	Y_3600	ppm	0.0002	0.0001	24.13	0.0002	0.0003
Tl1908	190.856	{4	In2306	ppm	-0.0015	0.0008	49.27	-0.001	-0.0021
V_2924	292.402	{1	Y_3600	ppm	-0.0001	0.0001	200.2	0	-0.0002
Zn2062	206.200	{4	In2306	ppm	-0.0008	0	0.9309	-0.0008	-0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	62.79	0.25795	0.41081	62.607	62.972
In2306	230.606	{4	Cts/S	10038	18.347	0.18277	10051	10025
Y_2243	224.306	{4	Cts/S	12269	24.654	0.20094	12286	12252
Y_3600	360.073	{ 9	Cts/S	47460	101.79	0.21446	47532	47388

Y_3710	371.030 {	Cts/S	8638.3	39.515	0.45744	8610.4	8666.3

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:02:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0002	0.0007	284.8	0.0007	-0.0002
Al3082	308.215	{1	In2306	ppm	0.0746	0.0231	30.97	0.0582	0.0909
As1890	189.042	{4	Y_2243	ppm	0.0022	0.0009	40.37	0.0028	0.0016
B_2496	249.678	{1	Y_3710	ppm	-0.0038	0.0004	11.88	-0.0034	-0.0041
Ba4554	455.403	{ 7	Y_3710	ppm	0	0	78.97	0.0001	0
Be3130	313.042	{1	Y_3710	ppm	0.0002	0.0001	37.37	0.0002	0.0003
Ca3158	315.887	{1	In2306	ppm	0.0709	0.0013	1.791	0.07	0.0718
Ca3181	318.128	{1	In2306	ppm	0.1133	0.0101	8.93	0.1061	0.1204
Cd2288	228.802	{4	Y_2243	ppm	-0.0002	0	5.03	-0.0002	-0.0002
Co2286	228.616	{4	In2306	ppm	0.0002	0.0001	48.33	0.0001	0.0002
Cr2677	267.716	{1	Y_3600	ppm	-0.0002	0	8.849	-0.0002	-0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0008	0.0002	21.25	-0.0009	-0.0007
Fe2404	240.488	{1	In2306	ppm	0.0155	0.0021	13.77	0.0171	0.014
K_7664	766.490	{ 4	Y_3710	ppm	0.0211	0.0047	22.2	0.0244	0.0178
K_7698	769.896	{ 4	Y_3710	ppm	-0.3044	0.0333	10.95	-0.2808	-0.328
Li6707	670.784	{ 5	Y_3710	ppm	0.0003	0	7.206	0.0003	0.0003
Mg2790	279.079	{1	Y_3710	ppm	0.0479	0.0449	93.89	0.0797	0.0161
Mn2576	257.610	{1	Y_3600	ppm	0.0002	0.0001	29.97	0.0002	0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0005	0	0.7494	-0.0005	-0.0005
Mo2020	202.030	{4	Y_2243	ppm	-0.0002	0	18.61	-0.0003	-0.0002
Na5895	589.592	{ 5	Y_3710	ppm	-0.0513	0.0003	0.6485	-0.0515	-0.051
Na8183	818.326	{ 4	Y_3710	ppm	-0.0139	0.0404	289.7	-0.0425	0.0146
Ni2316	231.604	{4	In2306	ppm	0.0001	0	16.96	0.0001	0.0002
P_1782	178.284	{4	In2306	ppm	-0.0006	0.0003	51.16	-0.0008	-0.0004
Pb2203	220.353	{4	In2306	ppm	0.0011	0.0004	33.4	0.0008	0.0013
S_1820	182.034	{4	Y_2243	ppm	-0.0724	0.0069	9.55	-0.0675	-0.0773
Sb2068	206.833	{4	Y_2243	ppm	0.0012	0.0014	120.3	0.0002	0.0022
Se1960	196.090	{4	Y_2243	ppm	0.0009	0.0007	80.48	0.0014	0.0004
Si2516	251.611	{1	Y_3710	ppm	-0.0162	0.0055	34.09	-0.0201	-0.0123
Sn1899	189.989	{4	In2306	ppm	0.0001	0.0003	438.1	0.0003	-0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	0.0001	0	55.05	0.0001	0.0001
Ti3349	334.904	{1	Y_3600	ppm	-0.0003	0.0007	261.5	-0.0008	0.0002
Tl1908	190.856	{4	In2306	ppm	-0.0009	0.0015	169.3	-0.0019	0.0002
V_2924	292.402	{1	Y_3600	ppm	0.0006	0.0001	18.45	0.0005	0.0006
Zn2062	206.200	{4	In2306	ppm	0.0019	0.0001	5.869	0.002	0.0018

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	63.008	0.15112	0.23985	63.115	62.901
In2306	230.606	{4	Cts/S	10070	4.0575	0.04029	10073	10067
Y_2243	224.306	{4	Cts/S	12389	0.63845	0.00515	12388	12389
Y_3600	360.073	{ 9	Cts/S	47476	24.806	0.05225	47494	47459

Y_3710	371.030 { 9	Cts/S	8717.2	15.789	0.18113	8728.4	8706.1	

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:05:39
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0001	0.0002	251.2	-0.0001	0.0002
Al3082	308.215 {1	In2306	Cts/S	0.1816	0.0321	17.68	0.1589	0.2043
As1890	189.042 {4	Y_2243	Cts/S	0	0	222.4	0	0
B_2496	249.678 {1	Y_3710	Cts/S	0.0001	0.0003	444.3	-0.0002	0.0003
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0047	0.0009	18.38	0.0041	0.0053
Be3130	313.042 {1	Y_3710	Cts/S	0.0002	0.0001	33.48	0.0002	0.0003
Ca3158	315.887 {1	In2306	Cts/S	-0.0989	0.0088	8.931	-0.0927	-0.1052
Ca3181	318.128 {1	In2306	Cts/S	-0.0551	0.003	5.379	-0.053	-0.0572
Cd2288	228.802 {4	Y_2243	Cts/S	0.0005	0.0001	13	0.0006	0.0005
Co2286	228.616 {4	In2306	Cts/S	-0.0002	0	18.68	-0.0002	-0.0003
Cr2677	267.716 {1	Y_3600	Cts/S	0	0.0001	220.8	0.0001	0
Cu3247	324.754 {1	Y_3600	Cts/S	0.008	0.0001	1.215	0.0081	0.008
Fe2404	240.488 {1	In2306	Cts/S	0.0283	0.018	63.61	0.0156	0.041
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0021	0.001	48.08	-0.0028	-0.0014
K_7698	769.896 { 4	Y_3710	Cts/S	0.0353	0.0004	1.137	0.0356	0.035
Li6707	670.784 { 5	Y_3710	Cts/S	0.0007	0.0008	121.6	0.0001	0.0012
Mg2790	279.079 {1	Y_3710	Cts/S	0	0.0001	379.7	0	-0.0001
Mn2576	257.610 {1	Y_3600	Cts/S	0.0002	0.0001	29.72	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	Cts/S	0	0.0001	463	0	-0.0001
Mo2020	202.030 {4	Y_2243	Cts/S	0.0001	0	48.5	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	Cts/S	0.0167	0.0007	4.21	0.0172	0.0162
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0058	0.0004	7.566	-0.0055	-0.0061
Ni2316	231.604 {4	In2306	Cts/S	0	0.0001	5460	0.0001	-0.0001
P_1782	178.284 {4	In2306	Cts/S	0.0002	0	1.985	0.0002	0.0002
Pb2203	220.353 {4	In2306	Cts/S	-0.0001	0.0001	82.19	-0.0002	0
S_1820	182.034 {4	Y_2243	Cts/S	-0.0002	0	15.28	-0.0002	-0.0002
Sb2068	206.833 {4	Y_2243	Cts/S	-0.0001	0	15.93	-0.0001	-0.0001
Se1960	196.090 {4	Y_2243	Cts/S	0	0.0001	223.8	0.0001	0
Si2516	251.611 {1	Y_3710	Cts/S	0.0004	0	1.856	0.0004	0.0004
Sn1899	189.989 {4	In2306	Cts/S	0.0002	0	9.318	0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	Cts/S	0.0004	0.0003	84.53	0.0006	0.0001
Ti3349	334.904 {1	Y_3600	Cts/S	0	0.0001	143.6	0	-0.0001
Tl1908	190.856 {4	In2306	Cts/S	-0.0002	0.0001	40.65	-0.0001	-0.0002
V_2924	292.402 {1	Y_3600	Cts/S	-0.0017	0	1.584	-0.0017	-0.0017
Zn2062	206.200 {4	In2306	Cts/S	0.0013	0.0001	5.068	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.643	0.80812	1.311	61.071	62.214
In2306	230.606 {4	Cts/S	9998.6	29.104	0.29108	9978	10019
Y_2243	224.306 {4	Cts/S	12342	16.749	0.13571	12330	12353

Y_3600	360.073 { 9	Cts/S	46746	165.96	0.35502	46628	46863
Y_3710	371.030 { 9	Cts/S	8401.1	199.84	2.3787	8259.8	8542.4

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:08:17
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0094	0.0005	5.123	0.0097	0.0091
Al3082	308.215 {1	In2306	Cts/S	0.9363	0.0035	0.3751	0.9338	0.9387
As1890	189.042 {4	Y_2243	Cts/S	0.0066	0.0002	3.806	0.0067	0.0064
B_2496	249.678 {1	Y_3710	Cts/S	0.002	0	2.304	0.0021	0.002
Ba4554	455.403 { 7	Y_3710	Cts/S	0.4571	0.0022	0.4866	0.4555	0.4586
Be3130	313.042 {1	Y_3710	Cts/S	0.1327	0.0003	0.2496	0.133	0.1325
Ca3158	315.887 {1	In2306	Cts/S	1.857	0.022	1.182	1.841	1.872
Ca3181	318.128 {1	In2306	Cts/S	0.3702	0.0113	3.061	0.3783	0.3622
Cd2288	228.802 {4	Y_2243	Cts/S	0.0491	0.002	4.035	0.0505	0.0477
Co2286	228.616 {4	In2306	Cts/S	0.0777	0.0027	3.523	0.0797	0.0758
Cr2677	267.716 {1	Y_3600	Cts/S	0.0128	0.0006	4.447	0.0132	0.0124
Cu3247	324.754 {1	Y_3600	Cts/S	0.0399	0.0015	3.67	0.0409	0.0389
Fe2404	240.488 {1	In2306	Cts/S	1.314	0.023	1.747	1.331	1.298
K_7664	766.490 { 4	Y_3710	Cts/S	0.1684	0.0038	2.245	0.1657	0.1711
K_7698	769.896 { 4	Y_3710	Cts/S	0.0893	0.0003	0.3184	0.0891	0.0895
Li6707	670.784 { 5	Y_3710	Cts/S	0.6486	0.0103	1.582	0.6414	0.6559
Mg2790	279.079 {1	Y_3710	Cts/S	0.0034	0	0.1453	0.0034	0.0034
Mn2576	257.610 {1	Y_3600	Cts/S	0.0871	0.0042	4.862	0.0901	0.0841
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0141	0.0005	3.846	0.0145	0.0137
Mo2020	202.030 {4	Y_2243	Cts/S	0.0354	0.0015	4.271	0.0365	0.0343
Na5895	589.592 { 5	Y_3710	Cts/S	0.5367	0.0078	1.452	0.5312	0.5422
Na8183	818.326 { 4	Y_3710	Cts/S	0.0123	0.0003	2.712	0.0125	0.012
Ni2316	231.604 {4	In2306	Cts/S	0.0418	0.0017	4.008	0.043	0.0406
P_1782	178.284 {4	In2306	Cts/S	0.0059	0.0002	3.737	0.0061	0.0058
Pb2203	220.353 {4	In2306	Cts/S	0.0134	0.0006	4.177	0.0138	0.013
S_1820	182.034 {4	Y_2243	Cts/S	-0.0003	0	8.343	-0.0004	-0.0003
Sb2068	206.833 {4	Y_2243	Cts/S	0.0056	0.0002	4.002	0.0058	0.0055
Se1960	196.090 {4	Y_2243	Cts/S	0.0043	0.0001	2.901	0.0044	0.0042
Si2516	251.611 {1	Y_3710	Cts/S	0.0013	0.0001	9.199	0.0012	0.0013
Sn1899	189.989 {4	In2306	Cts/S	0.0194	0.0008	4.376	0.02	0.0188
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2636	0.0003	0.095	0.2634	0.2638
Ti3349	334.904 {1	Y_3600	Cts/S	0.0201	0.0009	4.363	0.0207	0.0194
Tl1908	190.856 {4	In2306	Cts/S	0.0061	0.0004	6.934	0.0064	0.0058
V_2924	292.402 {1	Y_3600	Cts/S	0.0173	0.0007	3.928	0.0178	0.0168
Zn2062	206.200 {4	In2306	Cts/S	0.0882	0.0037	4.218	0.0908	0.0855

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	65.805	0.61608	0.93623	66.241	65.369
In2306	230.606 {4	Cts/S	10076	99.74	0.98992	10005	10146

Y_2243	224.306 {4	Cts/S	12597	106.73	0.84728	12521	12672
Y_3600	360.073 { 9	Cts/S	47804	1872	3.916	46481	49128
Y_3710	371.030 { 9	Cts/S	8916.9	28.786	0.32282	8937.3	8896.6

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:10:48
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0189	0.0001	0.5773	0.019	0.0188
Al3082	308.215 {1	In2306	Cts/S	1.763	0.0485	2.751	1.729	1.797
As1890	189.042 {4	Y_2243	Cts/S	0.0138	0	0.0585	0.0138	0.0138
B_2496	249.678 {1	Y_3710	Cts/S	0.0043	0.0004	9.525	0.004	0.0046
Ba4554	455.403 { 7	Y_3710	Cts/S	0.919	0.0043	0.4722	0.9221	0.916
Be3130	313.042 {1	Y_3710	Cts/S	0.2676	0.0008	0.2887	0.2681	0.267
Ca3158	315.887 {1	In2306	Cts/S	3.861	0.1704	4.412	3.741	3.982
Ca3181	318.128 {1	In2306	Cts/S	0.865	0.0182	2.11	0.8779	0.8521
Cd2288	228.802 {4	Y_2243	Cts/S	0.1013	0.0003	0.2681	0.1012	0.1015
Co2286	228.616 {4	In2306	Cts/S	0.162	0.0001	0.0636	0.1621	0.1619
Cr2677	267.716 {1	Y_3600	Cts/S	0.0254	0	0.0318	0.0254	0.0254
Cu3247	324.754 {1	Y_3600	Cts/S	0.0721	0.0003	0.4673	0.0719	0.0723
Fe2404	240.488 {1	In2306	Cts/S	2.657	0.0744	2.8	2.604	2.709
K_7664	766.490 { 4	Y_3710	Cts/S	0.3502	0.0137	3.905	0.3599	0.3405
K_7698	769.896 { 4	Y_3710	Cts/S	0.165	0.0048	2.933	0.1684	0.1615
Li6707	670.784 { 5	Y_3710	Cts/S	1.37	0.0621	4.532	1.414	1.327
Mg2790	279.079 {1	Y_3710	Cts/S	0.0069	0.0001	1.79	0.007	0.0068
Mn2576	257.610 {1	Y_3600	Cts/S	0.1744	0.001	0.5512	0.1751	0.1737
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0286	0	0.1663	0.0286	0.0287
Mo2020	202.030 {4	Y_2243	Cts/S	0.0734	0.0001	0.1157	0.0735	0.0733
Na5895	589.592 { 5	Y_3710	Cts/S	1.101	0.0473	4.296	1.135	1.068
Na8183	818.326 { 4	Y_3710	Cts/S	0.0332	0.0003	1.049	0.033	0.0335
Ni2316	231.604 {4	In2306	Cts/S	0.087	0.0005	0.6218	0.0873	0.0866
P_1782	178.284 {4	In2306	Cts/S	0.0123	0.0001	0.4169	0.0123	0.0122
Pb2203	220.353 {4	In2306	Cts/S	0.0278	0	0.1306	0.0278	0.0278
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	2.749	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0118	0.0001	0.9908	0.0117	0.0119
Se1960	196.090 {4	Y_2243	Cts/S	0.0089	0	0.2797	0.0089	0.0089
Si2516	251.611 {1	Y_3710	Cts/S	0.0021	0.0001	4.599	0.0022	0.0021
Sn1899	189.989 {4	In2306	Cts/S	0.041	0.0001	0.2194	0.041	0.0409
Sr4215	421.552 { 8	Y_3710	Cts/S	0.5334	0.0022	0.411	0.5349	0.5318
Ti3349	334.904 {1	Y_3600	Cts/S	0.0401	0.0003	0.6373	0.0403	0.0399
Tl1908	190.856 {4	In2306	Cts/S	0.0136	0.0002	1.208	0.0137	0.0135
V_2924	292.402 {1	Y_3600	Cts/S	0.0359	0.0001	0.1419	0.036	0.0359
Zn2062	206.200 {4	In2306	Cts/S	0.1832	0.001	0.5188	0.1839	0.1825

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.865	0.88185	1.4028	63.489	62.242

In2306	230.606 {4	Cts/S	9819.9	16.796	0.17104	9831.7	9808
Y_2243	224.306 {4	Cts/S	12399	39.057	0.31499	12427	12372
Y_3600	360.073 { 9	Cts/S	47836	67.503	0.14111	47788	47884
Y_3710	371.030 { 9	Cts/S	8774.6	53.921	0.61451	8736.5	8812.7

[Sample Header]
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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:13:17
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0381	0	0.1252	0.038	0.0381
Al3082	308.215 {1	In2306	Cts/S	3.258	0.1153	3.539	3.177	3.34
As1890	189.042 {4	Y_2243	Cts/S	0.0277	0.0002	0.731	0.0278	0.0275
B_2496	249.678 {1	Y_3710	Cts/S	0.0086	0	0.1286	0.0086	0.0086
Ba4554	455.403 { 7	Y_3710	Cts/S	1.833	0.0007	0.0408	1.832	1.833
Be3130	313.042 {1	Y_3710	Cts/S	0.5439	0.0008	0.1401	0.5444	0.5434
Ca3158	315.887 {1	In2306	Cts/S	7.742	0.1392	1.798	7.644	7.841
Ca3181	318.128 {1	In2306	Cts/S	1.707	0.0012	0.0714	1.706	1.707
Cd2288	228.802 {4	Y_2243	Cts/S	0.2023	0.0004	0.1853	0.2021	0.2026
Co2286	228.616 {4	In2306	Cts/S	0.3262	0.0001	0.0171	0.3262	0.3261
Cr2677	267.716 {1	Y_3600	Cts/S	0.0512	0	0.0595	0.0512	0.0513
Cu3247	324.754 {1	Y_3600	Cts/S	0.138	0.0001	0.0852	0.1379	0.1381
Fe2404	240.488 {1	In2306	Cts/S	5.161	0.1179	2.285	5.078	5.244
K_7664	766.490 { 4	Y_3710	Cts/S	0.7036	0.0124	1.766	0.6948	0.7124
K_7698	769.896 { 4	Y_3710	Cts/S	0.3109	0.0056	1.808	0.3069	0.3149
Li6707	670.784 { 5	Y_3710	Cts/S	2.731	0.0603	2.207	2.689	2.774
Mg2790	279.079 {1	Y_3710	Cts/S	0.0134	0	0.0025	0.0134	0.0134
Mn2576	257.610 {1	Y_3600	Cts/S	0.3455	0.0015	0.4294	0.3466	0.3445
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0573	0.0002	0.385	0.0575	0.0572
Mo2020	202.030 {4	Y_2243	Cts/S	0.1457	0.0001	0.0897	0.1458	0.1456
Na5895	589.592 { 5	Y_3710	Cts/S	2.181	0.0439	2.012	2.15	2.212
Na8183	818.326 { 4	Y_3710	Cts/S	0.068	0.0001	0.1702	0.0679	0.0681
Ni2316	231.604 {4	In2306	Cts/S	0.1746	0.0003	0.1501	0.1748	0.1744
P_1782	178.284 {4	In2306	Cts/S	0.025	0.0001	0.2948	0.0251	0.025
Pb2203	220.353 {4	In2306	Cts/S	0.0558	0.0002	0.3532	0.0559	0.0557
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	2.98	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0239	0.0001	0.3856	0.0238	0.0239
Se1960	196.090 {4	Y_2243	Cts/S	0.0179	0	0.2048	0.0178	0.0179
Si2516	251.611 {1	Y_3710	Cts/S	0.0043	0.0001	3.461	0.0041	0.0044
Sn1899	189.989 {4	In2306	Cts/S	0.0822	0	0.0265	0.0822	0.0822
Sr4215	421.552 { 8	Y_3710	Cts/S	1.07	0.0039	0.3617	1.067	1.072
Ti3349	334.904 {1	Y_3600	Cts/S	0.081	0	0.0262	0.0811	0.081
Tl1908	190.856 {4	In2306	Cts/S	0.0278	0.0003	1.139	0.0281	0.0276
V_2924	292.402 {1	Y_3600	Cts/S	0.0749	0.0002	0.2037	0.075	0.0747
Zn2062	206.200 {4	In2306	Cts/S	0.3705	0.0016	0.4449	0.3717	0.3693

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	64.249	1.5521	2.4158	65.346	63.151
In2306	230.606 {4	Cts/S	9647	41.93	0.43465	9676.6	9617.3
Y_2243	224.306 {4	Cts/S	12399	66.561	0.53683	12446	12352
Y_3600	360.073 { 9	Cts/S	48009	47.588	0.09912	47975	48043
Y_3710	371.030 { 9	Cts/S	8669.3	11.126	0.12834	8677.2	8661.5

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Custom ID3=
Run Time=1/25/2012 8:15:44
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0768	0	0.0496	0.0768	0.0767
Al3082	308.215 {1	In2306	Cts/S	6.584	0.0489	0.743	6.549	6.619
As1890	189.042 {4	Y_2243	Cts/S	0.0556	0.0001	0.1246	0.0555	0.0556
B_2496	249.678 {1	Y_3710	Cts/S	0.017	0.0002	1.058	0.0169	0.0171
Ba4554	455.403 { 7	Y_3710	Cts/S	3.723	0.0104	0.2798	3.716	3.73
Be3130	313.042 {1	Y_3710	Cts/S	1.095	0.0009	0.0835	1.094	1.095
Ca3158	315.887 {1	In2306	Cts/S	16.33	0.0324	0.1985	16.3	16.35
Ca3181	318.128 {1	In2306	Cts/S	3.611	0.0023	0.063	3.613	3.61
Cd2288	228.802 {4	Y_2243	Cts/S	0.4025	0.0004	0.0976	0.4027	0.4022
Co2286	228.616 {4	In2306	Cts/S	0.6606	0.0018	0.2794	0.6619	0.6593
Cr2677	267.716 {1	Y_3600	Cts/S	0.1032	0.0001	0.0667	0.1033	0.1032
Cu3247	324.754 {1	Y_3600	Cts/S	0.2741	0.0004	0.148	0.2744	0.2739
Fe2404	240.488 {1	In2306	Cts/S	10.62	0.0186	0.1754	10.61	10.64
K_7664	766.490 { 4	Y_3710	Cts/S	1.423	0.0232	1.632	1.407	1.44
K_7698	769.896 { 4	Y_3710	Cts/S	0.6084	0.0071	1.166	0.6034	0.6134
Li6707	670.784 { 5	Y_3710	Cts/S	5.573	0.0913	1.638	5.509	5.638
Mg2790	279.079 {1	Y_3710	Cts/S	0.0277	0.0002	0.6589	0.0276	0.0278
Mn2576	257.610 {1	Y_3600	Cts/S	0.6947	0.0016	0.2298	0.6958	0.6936
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1146	0.0003	0.2541	0.1144	0.1149
Mo2020	202.030 {4	Y_2243	Cts/S	0.2873	0.0002	0.0763	0.2875	0.2872
Na5895	589.592 { 5	Y_3710	Cts/S	4.396	0.0597	1.358	4.354	4.439
Na8183	818.326 { 4	Y_3710	Cts/S	0.1477	0.0001	0.0545	0.1477	0.1478
Ni2316	231.604 {4	In2306	Cts/S	0.3522	0.0005	0.1323	0.3525	0.3518
P_1782	178.284 {4	In2306	Cts/S	0.0513	0.0002	0.3592	0.0511	0.0514
Pb2203	220.353 {4	In2306	Cts/S	0.113	0.0001	0.1031	0.1131	0.1129
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	5.119	-0.0004	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0479	0.0001	0.1476	0.0479	0.0478
Se1960	196.090 {4	Y_2243	Cts/S	0.0357	0.0001	0.23	0.0358	0.0357
Si2516	251.611 {1	Y_3710	Cts/S	0.0086	0.0003	3.55	0.0084	0.0089
Sn1899	189.989 {4	In2306	Cts/S	0.1674	0.0007	0.4036	0.1679	0.167
Sr4215	421.552 { 8	Y_3710	Cts/S	2.151	0.007	0.3276	2.146	2.156
Ti3349	334.904 {1	Y_3600	Cts/S	0.1648	0.0002	0.1492	0.165	0.1646
Tl1908	190.856 {4	In2306	Cts/S	0.0564	0.0005	0.9717	0.0568	0.056
V_2924	292.402 {1	Y_3600	Cts/S	0.1532	0.0006	0.3721	0.1528	0.1536
Zn2062	206.200 {4	In2306	Cts/S	0.755	0.0034	0.4495	0.7574	0.7526

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.511	0.42824	0.69621	61.813	61.208
In2306	230.606 {4	Cts/S	9401.5	1.7123	0.01821	9400.2	9402.7
Y_2243	224.306 {4	Cts/S	12386	32.591	0.26314	12409	12363
Y_3600	360.073 { 9	Cts/S	47863	184.56	0.38561	47732	47993
Y_3710	371.030 { 9	Cts/S	8608.4	17.315	0.20115	8620.7	8596.2

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Run Time=1/25/2012 8:18:07
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1543	0.0005	0.3306	0.1547	0.154
Al3082	308.215 {1	In2306	Cts/S	12.6	0.4178	3.317	12.3	12.89
As1890	189.042 {4	Y_2243	Cts/S	0.1119	0.0001	0.0596	0.1119	0.1118
B_2496	249.678 {1	Y_3710	Cts/S	0.0344	0.0002	0.4817	0.0342	0.0345
Ba4554	455.403 { 7	Y_3710	Cts/S	7.452	0.0159	0.213	7.441	7.463
Be3130	313.042 {1	Y_3710	Cts/S	2.181	0.0025	0.1156	2.183	2.179
Ca3158	315.887 {1	In2306	Cts/S	31.57	0.8041	2.547	31	32.14
Ca3181	318.128 {1	In2306	Cts/S	6.913	0.1688	2.442	6.793	7.032
Cd2288	228.802 {4	Y_2243	Cts/S	0.8044	0.0006	0.0737	0.8048	0.804
Co2286	228.616 {4	In2306	Cts/S	1.327	0.0022	0.1682	1.328	1.325
Cr2677	267.716 {1	Y_3600	Cts/S	0.2024	0.0007	0.325	0.2029	0.202
Cu3247	324.754 {1	Y_3600	Cts/S	0.5489	0.001	0.1876	0.5497	0.5482
Fe2404	240.488 {1	In2306	Cts/S	20.57	0.5876	2.857	20.16	20.99
K_7664	766.490 { 4	Y_3710	Cts/S	2.766	0.0051	0.1829	2.762	2.769
K_7698	769.896 { 4	Y_3710	Cts/S	1.176	0.0033	0.2772	1.174	1.178
Li6707	670.784 { 5	Y_3710	Cts/S	10.95	0.0359	0.3274	10.93	10.98
Mg2790	279.079 {1	Y_3710	Cts/S	0.0554	0.0004	0.7293	0.0557	0.0551
Mn2576	257.610 {1	Y_3600	Cts/S	1.369	0.0029	0.2115	1.371	1.366
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2286	0.0011	0.4967	0.2294	0.2278
Mo2020	202.030 {4	Y_2243	Cts/S	0.5686	0.0009	0.1516	0.5692	0.568
Na5895	589.592 { 5	Y_3710	Cts/S	8.571	0.0262	0.3062	8.552	8.589
Na8183	818.326 { 4	Y_3710	Cts/S	0.295	0.0017	0.5855	0.2938	0.2962
Ni2316	231.604 {4	In2306	Cts/S	0.7058	0.0013	0.1779	0.7067	0.7049
P_1782	178.284 {4	In2306	Cts/S	0.1053	0.0001	0.1315	0.1054	0.1052
Pb2203	220.353 {4	In2306	Cts/S	0.2251	0.0005	0.2251	0.2255	0.2247
Sb2068	206.833 {4	Y_2243	Cts/S	0.0965	0	0.0493	0.0965	0.0965
Se1960	196.090 {4	Y_2243	Cts/S	0.072	0	0.0574	0.072	0.0719
Si2516	251.611 {1	Y_3710	Cts/S	0.0176	0.0004	2.099	0.0173	0.0179
Sn1899	189.989 {4	In2306	Cts/S	0.3356	0.0005	0.1582	0.3359	0.3352
Sr4215	421.552 { 8	Y_3710	Cts/S	4.287	0	0.0011	4.287	4.287
Ti3349	334.904 {1	Y_3600	Cts/S	0.3267	0.0011	0.3444	0.3275	0.3259
Tl1908	190.856 {4	In2306	Cts/S	0.1121	0.0011	0.9862	0.1129	0.1114
V_2924	292.402 {1	Y_3600	Cts/S	0.3044	0.0005	0.1712	0.3047	0.304
Zn2062	206.200 {4	In2306	Cts/S	1.517	0.0047	0.3095	1.521	1.514

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.26	2.0948	3.3113	64.741	61.779
In2306	230.606 {4	Cts/S	9016.8	2.2153	0.02457	9018.3	9015.2
Y_2243	224.306 {4	Cts/S	12125	9.7085	0.08007	12132	12118
Y_3600	360.073 { 9	Cts/S	48185	90.6	0.18802	48121	48249
Y_3710	371.030 { 9	Cts/S	8555.8	4.1696	0.04873	8552.8	8558.7

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2408	0.0004	0.1665	0.2411	0.2405
Al3082	308.215 {1	In2306	ppm	2.414	0.0597	2.475	2.372	2.456
As1890	189.042 {4	Y_2243	ppm	0.4856	0.0015	0.3135	0.4867	0.4846
B_2496	249.678 {1	Y_3710	ppm	0.5015	0.0026	0.5279	0.4997	0.5034
Ba4554	455.403 { 7	Y_3710	ppm	0.4815	0.0025	0.5278	0.4797	0.4833
Be3130	313.042 {1	Y_3710	ppm	0.4936	0.0006	0.1287	0.4932	0.4941
Ca3158	315.887 {1	In2306	ppm	12.03	0.0397	0.3301	12.06	12
Ca3181	318.128 {1	In2306	ppm	12.02	0.0089	0.0741	12.01	12.03
Cd2288	228.802 {4	Y_2243	ppm	0.4883	0.0003	0.065	0.4881	0.4885
Co2286	228.616 {4	In2306	ppm	0.4914	0.0005	0.1011	0.4911	0.4918
Cr2677	267.716 {1	Y_3600	ppm	0.483	0.0021	0.4327	0.4845	0.4815
Cu3247	324.754 {1	Y_3600	ppm	0.4828	0.0012	0.2563	0.4836	0.4819
Fe2404	240.488 {1	In2306	ppm	2.432	0.0407	1.671	2.403	2.461
K_7664	766.490 { 4	Y_3710	ppm	12.54	0.503	4.01	12.19	12.9
K_7698	769.896 { 4	Y_3710	ppm	12.67	0.5447	4.3	12.28	13.05
Li6707	670.784 { 5	Y_3710	ppm	0.5003	0.022	4.4	0.4847	0.5158
Mg2790	279.079 {1	Y_3710	ppm	4.823	0.0306	0.6334	4.845	4.802
Mn2576	257.610 {1	Y_3600	ppm	0.4801	0.0006	0.1342	0.4805	0.4796
Mn2576-2	257.610 {1	Y_3710	ppm	0.4785	0.0039	0.8155	0.4812	0.4757
Mo2020	202.030 {4	Y_2243	ppm	0.4991	0.0004	0.0754	0.4989	0.4994
Na5895	589.592 { 5	Y_3710	ppm	12.53	0.5603	4.472	12.13	12.93
Na8183	818.326 { 4	Y_3710	ppm	12.27	0.2991	2.438	12.06	12.48
Ni2316	231.604 {4	In2306	ppm	0.4834	0.0005	0.1053	0.4831	0.4838
P_1782	178.284 {4	In2306	ppm	0.0007	0.0005	66.18	0.0004	0.0011
Pb2203	220.353 {4	In2306	ppm	0.4843	0.0012	0.2502	0.4851	0.4834
S_1820	182.034 {4	Y_2243	ppm	-42.91	0.2039	0.4753	-43.05	-42.76
Sb2068	206.833 {4	Y_2243	ppm	0.491	0.0023	0.4593	0.4894	0.4926
Se1960	196.090 {4	Y_2243	ppm	0.4902	0.0017	0.3397	0.4914	0.489
Si2516	251.611 {1	Y_3710	ppm	0.8283	0.0267	3.22	0.8094	0.8471
Sn1899	189.989 {4	In2306	ppm	0.5006	0.0013	0.2664	0.4997	0.5016
Sr4215	421.552 { 8	Y_3710	ppm	0.2471	0.0014	0.5603	0.2461	0.2481
Ti3349	334.904 {1	Y_3600	ppm	0.4926	0.0017	0.3418	0.4937	0.4914
Tl1908	190.856 {4	In2306	ppm	0.4993	0.0032	0.6356	0.5016	0.4971
V_2924	292.402 {1	Y_3600	ppm	0.4906	0.0011	0.2333	0.4914	0.4898
Zn2062	206.200 {4	In2306	ppm	0.486	0.0006	0.1287	0.4865	0.4856

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.418	1.0969	1.7296	64.194	62.643
In2306	230.606 {4	Cts/S	9469.9	31.567	0.33334	9492.2	9447.6
Y_2243	224.306 {4	Cts/S	12347	36.971	0.29944	12373	12321
Y_3600	360.073 { 9	Cts/S	48295	325.65	0.6743	48065	48525
Y_3710	371.030 { 9	Cts/S	8641.8	51.746	0.59879	8678.4	8605.2

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0054	0.0009	16.17	0.0048	0.006
Al3082	308.215 {1	In2306	ppm	0.0336	0.0028	8.453	0.0356	0.0316
As1890	189.042 {4	Y_2243	ppm	0.0086	0.001	11.03	0.008	0.0093
B_2496	249.678 {1	Y_3710	ppm	0.02	0.0071	35.55	0.0251	0.015
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0003	3.127	0.01	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.1048	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0856	0.0016	1.896	0.0867	0.0844
Ca3181	318.128 {1	In2306	ppm	0.1628	0.0232	14.27	0.1464	0.1792
Cd2288	228.802 {4	Y_2243	ppm	0.0052	0.0006	11.28	0.0048	0.0057
Co2286	228.616 {4	In2306	ppm	0.0101	0.0007	7.23	0.0096	0.0107
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0002	2.33	0.0096	0.0099
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0001	1.05	0.0085	0.0086
Fe2404	240.488 {1	In2306	ppm	0.0879	0.0186	21.2	0.1011	0.0747
K_7664	766.490 { 4	Y_3710	ppm	0.611	0.0201	3.283	0.6252	0.5968
K_7698	769.896 { 4	Y_3710	ppm	0.3493	0.0019	0.5336	0.3507	0.348
Li6707	670.784 { 5	Y_3710	ppm	0.01	0.0002	1.6	0.0101	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.1402	0.0241	17.15	0.1572	0.1232
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0	0.1548	0.0101	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0105	0.0002	2.215	0.0103	0.0107
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.001	8.556	0.011	0.0124
Na5895	589.592 { 5	Y_3710	ppm	0.6328	0.0004	0.0564	0.6331	0.6326
Na8183	818.326 { 4	Y_3710	ppm	0.8201	0.0282	3.433	0.8002	0.84
Ni2316	231.604 {4	In2306	ppm	0.01	0.0002	1.701	0.0099	0.0101
P_1782	178.284 {4	In2306	ppm	0.0096	0.0005	5.079	0.0093	0.0099
Pb2203	220.353 {4	In2306	ppm	0.0096	0.0004	3.832	0.0093	0.0099
S_1820	182.034 {4	Y_2243	ppm	0.4397	0.0764	17.37	0.3857	0.4937
Sb2068	206.833 {4	Y_2243	ppm	0.019	0	0.0528	0.019	0.019
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0007	7.628	0.0091	0.0102
Si2516	251.611 {1	Y_3710	ppm	-0.0204	0.0112	54.94	-0.0125	-0.0283
Sn1899	189.989 {4	In2306	ppm	0.0099	0.0005	5.301	0.0095	0.0102
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.4509	0.0049	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0	0.2011	0.0109	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0144	0.0017	11.84	0.0132	0.0156
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0001	0.7426	0.0096	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0087	0.0006	6.579	0.0083	0.0091

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.729	0.31747	0.49046	64.505	64.954
In2306	230.606 {4	Cts/S	10077	9.4564	0.09385	10070	10083
Y_2243	224.306 {4	Cts/S	12589	28.166	0.22375	12569	12608
Y_3600	360.073 { 9	Cts/S	47074	224.04	0.47592	47233	46916
Y_3710	371.030 { 9	Cts/S	8761.7	13.12	0.14974	8752.4	8771

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0007	128.5	0.001	0
Al3082	308.215 {1	In2306	ppm	-0.0275	0.0503	183.1	0.0081	-0.0631
As1890	189.042 {4	Y_2243	ppm	0.0006	0	5.262	0.0006	0.0006
B_2496	249.678 {1	Y_3710	ppm	-0.0126	0.0002	1.794	-0.0128	-0.0124
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	33370	-0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	17.49	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0148	0.0126	84.98	-0.0059	-0.0237
Ca3181	318.128 {1	In2306	ppm	0.1315	0.1071	81.45	0.0558	0.2072
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	6751	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	9.98	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0005	87.26	-0.0002	-0.0008
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0	3.607	-0.0014	-0.0013
Fe2404	240.488 {1	In2306	ppm	-0.0104	0.0102	98.1	-0.0176	-0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.004	0.0054	136.7	0.0001	0.0078
K_7698	769.896 { 4	Y_3710	ppm	0.0039	0.0131	339.7	-0.0054	0.0131
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0002	48.84	0.0004	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0189	0.066	349	0.0656	-0.0278
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	18.8	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0005	67.91	0.001	0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0001	14.92	0.0004	0.0005
Na5895	589.592 { 5	Y_3710	ppm	-0.0004	0.0056	1330	0.0036	-0.0044
Na8183	818.326 { 4	Y_3710	ppm	0.1429	0.0275	19.27	0.1234	0.1623
Ni2316	231.604 {4	In2306	ppm	0.0003	0	1.637	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0003	45.81	-0.0009	-0.0004
Pb2203	220.353 {4	In2306	ppm	0.0001	0	40.74	0.0001	0.0001
S_1820	182.034 {4	Y_2243	ppm	0.1259	0.0048	3.852	0.1293	0.1225
Sb2068	206.833 {4	Y_2243	ppm	0.0062	0.0001	1.435	0.0062	0.0061
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0011	148.4	0.0016	0
Si2516	251.611 {1	Y_3710	ppm	-0.0213	0.0178	83.41	-0.0339	-0.0087
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0004	590.9	-0.0004	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0	97.84	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	276.7	-0.0004	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0005	0	7.64	0.0005	0.0005
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0003	56.61	-0.0008	-0.0003

Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	101.8	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.605	2.4398	3.7765	66.33	62.879
In2306	230.606 {4	Cts/S	10060	8.8197	0.08767	10054	10066
Y_2243	224.306 {4	Cts/S	12539	21.434	0.17094	12523	12554
Y_3600	360.073 { 9	Cts/S	46334	16.882	0.03644	46323	46346
Y_3710	371.030 { 9	Cts/S	8545	39.434	0.46149	8517.1	8572.8

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0009	219.4	0.0002	-0.001
Al3082	308.215 {1	In2306	ppm	532.7	27.83	5.224	552.4	513
As1890	189.042 {4	Y_2243	ppm	0.0042	0.0013	31.94	0.0051	0.0032
B_2496	249.678 {1	Y_3710	ppm	-0.0061	0.0103	168.4	-0.0134	0.0012
Ba4554	455.403 { 7	Y_3710	ppm	0.0006	0	5.543	0.0006	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	155.5	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	517.2	23.4	4.523	533.8	500.7
Ca3181	318.128 {1	In2306	ppm	522.7	23.88	4.568	539.6	505.8
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	37.28	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	34.33	0.0006	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0022	0.0002	9.81	0.0024	0.0021
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0002	10.36	0.0026	0.0022
Fe2404	240.488 {1	In2306	ppm	202.2	9.31	4.603	208.8	195.7
K_7664	766.490 { 4	Y_3710	ppm	0.0188	0.0004	2.336	0.0185	0.0191
K_7698	769.896 { 4	Y_3710	ppm	-0.2856	0.0219	7.658	-0.2701	-0.3011
Li6707	670.784 { 5	Y_3710	ppm	0.0072	0	0.4285	0.0072	0.0072
Mg2790	279.079 {1	Y_3710	ppm	586.1	1.649	0.2813	585	587.3
Mn2576	257.610 {1	Y_3600	ppm	-0.0053	0.0003	5.976	-0.0051	-0.0056
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0051	0	0.7956	-0.0051	-0.0051
Mo2020	202.030 {4	Y_2243	ppm	-0.0009	0.0002	23.93	-0.0011	-0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.0078	0.0001	0.6934	0.0078	0.0078
Na8183	818.326 { 4	Y_3710	ppm	0.9267	0.0561	6.058	0.9664	0.887
Ni2316	231.604 {4	In2306	ppm	0.0055	0.0003	4.575	0.0057	0.0054
P_1782	178.284 {4	In2306	ppm	0.003	0.0005	16.6	0.0034	0.0027
Pb2203	220.353 {4	In2306	ppm	-0.0141	0.0012	8.4	-0.0149	-0.0132
S_1820	182.034 {4	Y_2243	ppm	8.068	0.2631	3.261	8.254	7.882
Sb2068	206.833 {4	Y_2243	ppm	-0.0082	0.0001	1.207	-0.0083	-0.0081
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0007	34.43	0.0016	0.0027
Si2516	251.611 {1	Y_3710	ppm	-0.0228	0.0098	42.85	-0.0159	-0.0298
Sn1899	189.989 {4	In2306	ppm	0.001	0.0019	186.3	0.0023	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0022	0	1.558	0.0022	0.0021
Ti3349	334.904 {1	Y_3600	ppm	0.0033	0.0011	33.4	0.0041	0.0025
Tl1908	190.856 {4	In2306	ppm	-0.0085	0.0027	31.26	-0.0066	-0.0104

V_2924	292.402 {1	Y_3600	ppm	-0.0056	0	0.815	-0.0057	-0.0056
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0001	2.788	0.0031	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.045	2.8093	4.8398	56.058	60.031
In2306	230.606 {4	Cts/S	7206	19.693	0.27328	7219.9	7192.1
Y_2243	224.306 {4	Cts/S	10959	36.549	0.33349	10985	10934
Y_3600	360.073 { 9	Cts/S	46756	43.483	0.093	46726	46787
Y_3710	371.030 { 9	Cts/S	7500.8	1.588	0.02117	7499.7	7501.9

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5553	0.0028	0.498	0.5534	0.5573
Al3082	308.215 {1	In2306	ppm	564.5	13.17	2.334	573.8	555.2
As1890	189.042 {4	Y_2243	ppm	0.9922	0.0045	0.4511	0.9954	0.9891
B_2496	249.678 {1	Y_3710	ppm	1.137	0.0112	0.9824	1.145	1.129
Ba4554	455.403 { 7	Y_3710	ppm	1.102	0.0079	0.7184	1.108	1.096
Be3130	313.042 {1	Y_3710	ppm	0.5382	0.0019	0.3511	0.5395	0.5369
Ca3158	315.887 {1	In2306	ppm	536.5	3.535	0.6588	539	534
Ca3181	318.128 {1	In2306	ppm	543.3	2.739	0.5042	545.2	541.3
Cd2288	228.802 {4	Y_2243	ppm	0.5127	0.0008	0.1566	0.5132	0.5121
Co2286	228.616 {4	In2306	ppm	0.9918	0.003	0.3037	0.9939	0.9897
Cr2677	267.716 {1	Y_3600	ppm	0.9712	0.0055	0.5619	0.9673	0.975
Cu3247	324.754 {1	Y_3600	ppm	1.188	0.0067	0.5612	1.193	1.184
Fe2404	240.488 {1	In2306	ppm	215.5	2.137	0.9916	217	214
K_7664	766.490 { 4	Y_3710	ppm	11.4	0.4206	3.691	11.69	11.1
K_7698	769.896 { 4	Y_3710	ppm	11.48	0.4159	3.623	11.77	11.19
Li6707	670.784 { 5	Y_3710	ppm	1.117	0.0479	4.283	1.151	1.084
Mg2790	279.079 {1	Y_3710	ppm	601.4	1.426	0.2371	602.4	600.4
Mn2576	257.610 {1	Y_3600	ppm	0.9679	0.0023	0.2377	0.9663	0.9695
Mn2576-2	257.610 {1	Y_3710	ppm	1.064	0	0.0038	1.064	1.064
Mo2020	202.030 {4	Y_2243	ppm	0.8985	0.0059	0.6522	0.9026	0.8944
Na5895	589.592 { 5	Y_3710	ppm	11.07	0.4132	3.731	11.37	10.78
Na8183	818.326 { 4	Y_3710	ppm	12.31	0.1946	1.581	12.45	12.17
Ni2316	231.604 {4	In2306	ppm	0.9739	0.0044	0.4513	0.977	0.9708
P_1782	178.284 {4	In2306	ppm	1.135	0.0035	0.3111	1.138	1.133
Pb2203	220.353 {4	In2306	ppm	0.939	0.0035	0.3772	0.9415	0.9365
S_1820	182.034 {4	Y_2243	ppm	8.506	0.1149	1.35	8.587	8.425
Sb2068	206.833 {4	Y_2243	ppm	0.9621	0.0064	0.6673	0.9667	0.9576
Se1960	196.090 {4	Y_2243	ppm	0.9837	0.0068	0.6918	0.9885	0.9789
Si2516	251.611 {1	Y_3710	ppm	1.006	0.0062	0.6125	1.001	1.01
Sn1899	189.989 {4	In2306	ppm	0.9902	0.0014	0.1453	0.9912	0.9892
Sr4215	421.552 { 8	Y_3710	ppm	0.5468	0.0048	0.8835	0.5502	0.5433
Ti3349	334.904 {1	Y_3600	ppm	1.022	0.0031	0.3044	1.02	1.024

Tl1908	190.856 {4	In2306	ppm	0.9213	0.0089	0.9652	0.9276	0.9151
V_2924	292.402 {1	Y_3600	ppm	1.002	0.0037	0.3665	0.9997	1.005
Zn2062	206.200 {4	In2306	ppm	1.007	0.0039	0.3908	1.01	1.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.157	1.0566	1.9157	54.41	55.904
In2306	230.606 {4	Cts/S	7085.3	1.6002	0.02259	7086.4	7084.2
Y_2243	224.306 {4	Cts/S	10862	2.0216	0.01861	10863	10860
Y_3600	360.073 { 9	Cts/S	46303	28.617	0.06181	46323	46283
Y_3710	371.030 { 9	Cts/S	7239.8	64.615	0.89249	7194.1	7285.5

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2409	0.0013	0.5364	0.2418	0.24
Al3082	308.215 {1	In2306	ppm	2.392	0.0088	0.3669	2.386	2.399
As1890	189.042 {4	Y_2243	ppm	0.4839	0.0011	0.2318	0.4831	0.4847
B_2496	249.678 {1	Y_3710	ppm	0.481	0.005	1.046	0.4845	0.4774
Ba4554	455.403 { 7	Y_3710	ppm	0.4815	0.0004	0.0734	0.4818	0.4813
Be3130	313.042 {1	Y_3710	ppm	0.4944	0.0007	0.1425	0.4939	0.4949
Ca3158	315.887 {1	In2306	ppm	11.82	0.0227	0.1918	11.83	11.8
Ca3181	318.128 {1	In2306	ppm	11.91	0.1149	0.9643	12	11.83
Cd2288	228.802 {4	Y_2243	ppm	0.488	0.0006	0.114	0.4884	0.4876
Co2286	228.616 {4	In2306	ppm	0.489	0.001	0.209	0.4883	0.4897
Cr2677	267.716 {1	Y_3600	ppm	0.4929	0.0003	0.0632	0.4927	0.4931
Cu3247	324.754 {1	Y_3600	ppm	0.4869	0.0001	0.0265	0.4868	0.487
Fe2404	240.488 {1	In2306	ppm	2.348	0.0147	0.627	2.358	2.338
K_7664	766.490 { 4	Y_3710	ppm	12.71	0.0419	0.3299	12.74	12.68
K_7698	769.896 { 4	Y_3710	ppm	12.85	0.0932	0.7251	12.91	12.78
Li6707	670.784 { 5	Y_3710	ppm	0.5011	0.0052	1.028	0.5047	0.4974
Mg2790	279.079 {1	Y_3710	ppm	4.857	0.0321	0.6617	4.834	4.88
Mn2576	257.610 {1	Y_3600	ppm	0.4817	0.0019	0.3998	0.4831	0.4804
Mn2576-2	257.610 {1	Y_3710	ppm	0.4704	0.002	0.4246	0.469	0.4718
Mo2020	202.030 {4	Y_2243	ppm	0.4957	0.0022	0.4425	0.4941	0.4972
Na5895	589.592 { 5	Y_3710	ppm	12.57	0.0841	0.6691	12.63	12.51
Na8183	818.326 { 4	Y_3710	ppm	12.41	0.0424	0.3415	12.44	12.38
Ni2316	231.604 {4	In2306	ppm	0.4818	0.0011	0.2348	0.481	0.4826
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0003	124.5	0	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.4832	0.0024	0.5041	0.4814	0.4849
S_1820	182.034 {4	Y_2243	ppm	-42.65	0.1844	0.4322	-42.78	-42.52
Sb2068	206.833 {4	Y_2243	ppm	0.4999	0.0012	0.2428	0.5008	0.499
Se1960	196.090 {4	Y_2243	ppm	0.4904	0.0007	0.1518	0.4899	0.4909
Si2516	251.611 {1	Y_3710	ppm	0.7961	0.0257	3.234	0.7779	0.8143
Sn1899	189.989 {4	In2306	ppm	0.4963	0.0008	0.1624	0.4957	0.4969
Sr4215	421.552 { 8	Y_3710	ppm	0.2455	0.0002	0.0641	0.2456	0.2454

Ti3349	334.904 {1	Y_3600	ppm	0.5023	0.0001	0.0177	0.5024	0.5023
Tl1908	190.856 {4	In2306	ppm	0.4964	0.0025	0.5113	0.4982	0.4946
V_2924	292.402 {1	Y_3600	ppm	0.5009	0.0008	0.1504	0.5015	0.5004
Zn2062	206.200 {4	In2306	ppm	0.4837	0.0014	0.2841	0.4827	0.4847

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.118	0.58578	0.9136	63.704	64.532
In2306	230.606 {4	Cts/S	9486.2	18.503	0.19505	9499.3	9473.1
Y_2243	224.306 {4	Cts/S	12368	17.854	0.14435	12381	12355
Y_3600	360.073 { 9	Cts/S	47934	110.31	0.23013	47856	48012
Y_3710	371.030 { 9	Cts/S	8562.8	18.969	0.22153	8549.3	8576.2

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0005	8.826	0.0049	0.0055
Al3082	308.215 {1	In2306	ppm	0.0562	0.0047	8.41	0.0595	0.0528
As1890	189.042 {4	Y_2243	ppm	0.0089	0.0011	11.92	0.0082	0.0097
B_2496	249.678 {1	Y_3710	ppm	0.0076	0.0047	61.46	0.0043	0.0109
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0001	0.7953	0.0097	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	2.841	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0895	0.015	16.74	0.0789	0.1001
Ca3181	318.128 {1	In2306	ppm	0.2004	0.0748	37.32	0.2533	0.1475
Cd2288	228.802 {4	Y_2243	ppm	0.0053	0.0007	13.54	0.0048	0.0058
Co2286	228.616 {4	In2306	ppm	0.0102	0.0007	6.479	0.0098	0.0107
Cr2677	267.716 {1	Y_3600	ppm	0.0092	0.0003	2.83	0.0094	0.009
Cu3247	324.754 {1	Y_3600	ppm	0.0095	0.0004	4.034	0.0098	0.0092
Fe2404	240.488 {1	In2306	ppm	0.0933	0.011	11.83	0.1011	0.0855
K_7664	766.490 { 4	Y_3710	ppm	0.6082	0.0105	1.722	0.6156	0.6008
K_7698	769.896 { 4	Y_3710	ppm	0.3381	0.0241	7.126	0.3552	0.3211
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0.0006	6.119	0.01	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.0658	0.0322	48.97	0.0886	0.043
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.2014	0.0101	0.01
Mn2576-2	257.610 {1	Y_3710	ppm	0.0093	0.0018	19.76	0.008	0.0106
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.0013	11.15	0.0108	0.0126
Na5895	589.592 { 5	Y_3710	ppm	0.6293	0.0145	2.308	0.6396	0.619
Na8183	818.326 { 4	Y_3710	ppm	0.6835	0.0864	12.64	0.7446	0.6224
Ni2316	231.604 {4	In2306	ppm	0.0104	0.0009	9.065	0.0097	0.011
P_1782	178.284 {4	In2306	ppm	0.0103	0.001	9.424	0.0096	0.011
Pb2203	220.353 {4	In2306	ppm	0.0096	0.0001	1.105	0.0097	0.0095
S_1820	182.034 {4	Y_2243	ppm	0.3901	0.0413	10.58	0.4193	0.3609
Sb2068	206.833 {4	Y_2243	ppm	0.0204	0.0017	8.54	0.0192	0.0216
Se1960	196.090 {4	Y_2243	ppm	0.0093	0.0007	7.205	0.0089	0.0098
Si2516	251.611 {1	Y_3710	ppm	-0.0151	0.0153	101.1	-0.0043	-0.0259
Sn1899	189.989 {4	In2306	ppm	0.0102	0.0012	12.03	0.0093	0.011

Sr4215	421.552 {	8	Y_3710	ppm	0.0047	0.0001	1.208	0.0047	0.0048
Ti3349	334.904 {1		Y_3600	ppm	0.0104	0.0002	1.637	0.0105	0.0103
Tl1908	190.856 {4		In2306	ppm	0.0138	0.0029	20.78	0.0117	0.0158
V_2924	292.402 {1		Y_3600	ppm	0.01	0.0004	4.459	0.0103	0.0097
Zn2062	206.200 {4		In2306	ppm	0.0088	0.0007	8.399	0.0083	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.628	0.28483	0.44764	63.83	63.427
In2306	230.606 {4	Cts/S	10068	14.516	0.14417	10058	10079
Y_2243	224.306 {4	Cts/S	12550	18.902	0.15061	12537	12564
Y_3600	360.073 {	9	Cts/S	47109	27.77	0.05895	47090	47129
Y_3710	371.030 {	9	Cts/S	8748.9	55.086	0.62964	8709.9	8787.8

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	78.69	0.0004	0.0001
Al3082	308.215 {1	In2306	ppm	0.0034	0.0314	918.5	-0.0188	0.0256
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0006	43.01	-0.0009	-0.0017
B_2496	249.678 {1	Y_3710	ppm	-0.0026	0.0056	211.7	0.0013	-0.0066
Ba4554	455.403 {	7	Y_3710	ppm	-0.0001	0.0002	244.1	-0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	36.78	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0172	0.0038	22.25	0.0199	0.0145
Ca3181	318.128 {1	In2306	ppm	0.1014	0.1499	147.9	0.2073	-0.0046
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	86.01	0	-0.0001
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	117.6	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0002	366.1	0.0002	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0001	38.7	-0.0004	-0.0002
Fe2404	240.488 {1	In2306	ppm	-0.0107	0.0025	23.57	-0.0124	-0.0089
K_7664	766.490 {	4	Y_3710	ppm	0.0035	0.0055	157.5	-0.0004	0.0073
K_7698	769.896 {	4	Y_3710	ppm	-0.0078	0.0101	129.5	-0.0007	-0.015
Li6707	670.784 {	5	Y_3710	ppm	0	0	81.1	0	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0104	0.012	115.6	-0.0188	-0.0019
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	106	0	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0003	0.0004	134	0	-0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	27.14	0.0003	0.0004
Na5895	589.592 {	5	Y_3710	ppm	0.0031	0.0002	5.408	0.003	0.0032
Na8183	818.326 {	4	Y_3710	ppm	0.0127	0.0632	495.9	0.0574	-0.032
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0004	174.3	0	0.0005
P_1782	178.284 {4	In2306	ppm	-0.0001	0.0006	1086	0.0004	-0.0005
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0001	71.65	-0.0001	-0.0003
S_1820	182.034 {4	Y_2243	ppm	0.2282	0.0154	6.754	0.2173	0.2391
Sb2068	206.833 {4	Y_2243	ppm	0.0032	0.0014	44.11	0.0022	0.0041
Se1960	196.090 {4	Y_2243	ppm	-0.0023	0.0004	19.28	-0.0026	-0.0019
Si2516	251.611 {1	Y_3710	ppm	-0.0059	0.0178	302.2	-0.0184	0.0067

Sn1899	189.989 {4	In2306	ppm	0	0.0004	15400	-0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	28.57	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	253.4	-0.0003	0.0001
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0016	1474	0.001	-0.0012
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	2363	0.0001	-0.0001
Zn2062	206.200 {4	In2306	ppm	0	0.0001	261.4	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.892	0.39042	0.62077	62.616	63.168
In2306	230.606 {4	Cts/S	10066	17.364	0.1725	10054	10079
Y_2243	224.306 {4	Cts/S	12552	40.016	0.3188	12524	12580
Y_3600	360.073 { 9	Cts/S	46252	326.83	0.70662	46483	46021
Y_3710	371.030 { 9	Cts/S	8484.9	52.547	0.61929	8447.8	8522.1

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Custom ID3=
Run Time=1/25/2012 8:40:56
Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	391.8	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.057	0.053	92.89	-0.0196	-0.0945
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.0001	6.156	-0.0011	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0062	0.0052	84.84	-0.0098	-0.0025
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	12.09	0.0008	0.0006
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	206.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0052	0.0008	15.26	-0.0047	-0.0058
Ca3181	318.128 {1	In2306	ppm	0.0808	0.0405	50.1	0.0522	0.1094
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	49.08	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0	1.449	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	134.5	0.0003	0
Cu3247	324.754 {1	Y_3600	ppm	-0.0014	0.0001	6.06	-0.0013	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0142	0.0129	90.65	-0.0233	-0.0051
K_7664	766.490 { 4	Y_3710	ppm	0.0088	0.0124	141.2	0.0176	0
K_7698	769.896 { 4	Y_3710	ppm	-0.2744	0.0096	3.496	-0.2812	-0.2677
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0001	134.7	0	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0445	0.0038	8.482	0.0471	0.0418
Mn2576	257.610 {1	Y_3600	ppm	0	0	153.5	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0007	917.2	0.0005	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	235.7	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0088	0.0001	1.096	0.0089	0.0087
Na8183	818.326 { 4	Y_3710	ppm	0.1917	0.0299	15.57	0.2128	0.1706
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	105.7	0	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0001	54.14	-0.0004	-0.0002
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0014	238.5	0.0016	-0.0004
S_1820	182.034 {4	Y_2243	ppm	0.4324	0.0896	20.72	0.4957	0.369
Sb2068	206.833 {4	Y_2243	ppm	0.002	0.0004	22.5	0.0023	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0003	36.59	0.001	0.0006

Si2516	251.611 {1	Y_3710	ppm	-0.0295	0.0177	59.87	-0.017	-0.042
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0003	84.28	-0.0001	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0	0	34.14	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0007	0.0004	50.51	-0.0005	-0.001
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0003	42.68	0.0006	0.001
V_2924	292.402 {1	Y_3600	ppm	0.0001	0	27.01	0.0001	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0013	0.0001	4.67	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.36	0.42095	0.66438	63.062	63.658
In2306	230.606 {4	Cts/S	10220	90.878	0.88918	10156	10285
Y_2243	224.306 {4	Cts/S	12813	111.1	0.8671	12734	12891
Y_3600	360.073 { 9	Cts/S	46608	36.843	0.07905	46582	46634
Y_3710	371.030 { 9	Cts/S	8774.6	83.677	0.95363	8833.8	8715.4

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5045	0.0009	0.1709	0.5051	0.5038
Al3082	308.215 {1	In2306	ppm	10.53	0.1407	1.336	10.63	10.43
As1890	189.042 {4	Y_2243	ppm	0.9684	0.0165	1.704	0.9801	0.9567
B_2496	249.678 {1	Y_3710	ppm	1.001	0.0059	0.5915	1.005	0.9964
Ba4554	455.403 { 7	Y_3710	ppm	1.007	0.0067	0.6627	1.011	1.002
Be3130	313.042 {1	Y_3710	ppm	0.5087	0.0029	0.5691	0.5067	0.5108
Ca3158	315.887 {1	In2306	ppm	10.02	0.0019	0.0187	10.02	10.02
Ca3181	318.128 {1	In2306	ppm	10.17	0.0664	0.6526	10.22	10.13
Cd2288	228.802 {4	Y_2243	ppm	0.4899	0.0087	1.773	0.496	0.4838
Co2286	228.616 {4	In2306	ppm	0.9815	0.0188	1.915	0.9948	0.9682
Cr2677	267.716 {1	Y_3600	ppm	1.008	0	0.0024	1.008	1.008
Cu3247	324.754 {1	Y_3600	ppm	1.016	0.0023	0.2288	1.017	1.014
Fe2404	240.488 {1	In2306	ppm	10.16	0.0226	0.2222	10.14	10.18
K_7664	766.490 { 4	Y_3710	ppm	11.28	0.3345	2.966	11.51	11.04
K_7698	769.896 { 4	Y_3710	ppm	11.29	0.3423	3.031	11.53	11.05
Li6707	670.784 { 5	Y_3710	ppm	0.557	0.0211	3.781	0.5719	0.5421
Mg2790	279.079 {1	Y_3710	ppm	10.02	0.0327	0.3268	10.04	9.994
Mn2576	257.610 {1	Y_3600	ppm	0.9872	0.0013	0.1323	0.9863	0.9881
Mn2576-2	257.610 {1	Y_3710	ppm	0.9614	0.008	0.8287	0.9558	0.967
Mo2020	202.030 {4	Y_2243	ppm	0.9784	0.0186	1.903	0.9916	0.9652
Na5895	589.592 { 5	Y_3710	ppm	11.19	0.3587	3.206	11.44	10.93
Na8183	818.326 { 4	Y_3710	ppm	10.43	0.1738	1.666	10.56	10.31
Ni2316	231.604 {4	In2306	ppm	0.9602	0.0177	1.843	0.9727	0.9477
P_1782	178.284 {4	In2306	ppm	-0.001	0.0004	41.89	-0.0012	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.9659	0.015	1.552	0.9765	0.9553
S_1820	182.034 {4	Y_2243	ppm	0.5453	0.157	28.79	0.6563	0.4343
Sb2068	206.833 {4	Y_2243	ppm	0.9568	0.0206	2.149	0.9714	0.9423

Se1960	196.090 {4	Y_2243	ppm	0.984	0.0093	0.9447	0.9906	0.9774
Si2516	251.611 {1	Y_3710	ppm	0.8632	0.0027	0.3134	0.8613	0.8651
Sn1899	189.989 {4	In2306	ppm	0.9861	0.0246	2.496	1.003	0.9687
Sr4215	421.552 { 8	Y_3710	ppm	0.5035	0.0028	0.5479	0.5055	0.5016
Ti3349	334.904 {1	Y_3600	ppm	1.025	0.0038	0.3677	1.022	1.027
Tl1908	190.856 {4	In2306	ppm	0.9719	0.0338	3.477	0.9958	0.948
V_2924	292.402 {1	Y_3600	ppm	1.032	0.0042	0.4114	1.029	1.035
Zn2062	206.200 {4	In2306	ppm	0.9634	0.0177	1.837	0.9759	0.9509

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.713	1.0293	1.7237	58.985	60.441
In2306	230.606 {4	Cts/S	9421.8	13.391	0.14213	9412.3	9431.2
Y_2243	224.306 {4	Cts/S	12350	8.3382	0.06752	12356	12344
Y_3600	360.073 { 9	Cts/S	47240	86.135	0.18233	47301	47179
Y_3710	371.030 { 9	Cts/S	8405.4	42.324	0.50354	8375.4	8435.3

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Custom ID3=
Run Time=1/25/2012 8:45:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	124.3	0.0005	0
Al3082	308.215 {1	In2306	ppm	0.0516	0.0305	59	0.0732	0.0301
As1890	189.042 {4	Y_2243	ppm	0.003	0.002	65.48	0.0016	0.0044
B_2496	249.678 {1	Y_3710	ppm	0.1375	0.0031	2.288	0.1353	0.1398
Ba4554	455.403 { 7	Y_3710	ppm	0.0048	0.0004	7.569	0.0051	0.0045
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	5.53	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	3.876	0.225	5.805	3.717	4.035
Ca3181	318.128 {1	In2306	ppm	4.041	0.154	3.81	3.932	4.15
Cd2288	228.802 {4	Y_2243	ppm	0.001	0.0015	143.3	0	0.002
Co2286	228.616 {4	In2306	ppm	0.0018	0.0028	151	-0.0001	0.0038
Cr2677	267.716 {1	Y_3600	ppm	0	0.0001	1116	-0.0001	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0.0001	5.48	-0.0028	-0.0026
Fe2404	240.488 {1	In2306	ppm	-0.0129	0.011	85.56	-0.0207	-0.0051
K_7664	766.490 { 4	Y_3710	ppm	4.102	0.0038	0.0938	4.099	4.105
K_7698	769.896 { 4	Y_3710	ppm	4.063	0.0444	1.092	4.095	4.032
Li6707	670.784 { 5	Y_3710	ppm	0.0024	0.0002	10.27	0.0022	0.0026
Mg2790	279.079 {1	Y_3710	ppm	0.3791	0.0724	19.1	0.4303	0.3279
Mn2576	257.610 {1	Y_3600	ppm	0.0204	0	0.0035	0.0204	0.0204
Mn2576-2	257.610 {1	Y_3710	ppm	0.0224	0.0019	8.471	0.0211	0.0238
Mo2020	202.030 {4	Y_2243	ppm	0.3031	0.0023	0.7725	0.3015	0.3048
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	1876	2.588	0.1379	1878	1874
Ni2316	231.604 {4	In2306	ppm	0.0085	0.0033	38.93	0.0062	0.0109
P_1782	178.284 {4	In2306	ppm	0.016	0.0018	11.28	0.0173	0.0147
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0015	177.4	-0.0002	0.0019
S_1820	182.034 {4	Y_2243	ppm	-47210	45.68	0.0968	-47240	-47170

Sb2068	206.833 {4	Y_2243	ppm	0.0145	0.0002	1.16	0.0147	0.0144
Se1960	196.090 {4	Y_2243	ppm	0.004	0.0018	44.77	0.0027	0.0053
Si2516	251.611 {1	Y_3710	ppm	0.159	0.0047	2.926	0.1557	0.1623
Sn1899	189.989 {4	In2306	ppm	0.0037	0.0037	101.4	0.001	0.0063
Sr4215	421.552 { 8	Y_3710	ppm	0.0201	0	0.2451	0.0201	0.0201
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0003	42	0.0004	0.0008
Tl1908	190.856 {4	In2306	ppm	0.006	0.0068	114.1	0.0011	0.0108
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0007	54.28	0.0008	0.0018
Zn2062	206.200 {4	In2306	ppm	0.0065	0.0033	50.85	0.0042	0.0089

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.08	2.9996	5.1647	60.201	55.959
In2306	230.606 {4	Cts/S	6983.7	10.909	0.15621	6976	6991.4
Y_2243	224.306 {4	Cts/S	10453	21.058	0.20146	10438	10467
Y_3600	360.073 { 9	Cts/S	51125	89.266	0.1746	51062	51188
Y_3710	371.030 { 9	Cts/S	8184.3	37.811	0.46199	8157.6	8211.1

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Custom ID3=
Run Time=1/25/2012 8:48:39
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	168.2	0	0.0002
Al3082	308.215 {1	In2306	ppm	0.224	0.0012	0.5328	0.2248	0.2231
As1890	189.042 {4	Y_2243	ppm	0.0134	0.0018	13.61	0.0147	0.0122
B_2496	249.678 {1	Y_3710	ppm	0.3233	0.0051	1.592	0.3197	0.327
Ba4554	455.403 { 7	Y_3710	ppm	0.1649	0.0014	0.8483	0.1659	0.1639
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	222.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	116.7	2.071	1.775	118.1	115.2
Ca3181	318.128 {1	In2306	ppm	117.5	1.984	1.688	118.9	116.1
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	125.4	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0.0003	109.3	0.0001	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0.0003	3.535	0.0101	0.0096
Cu3247	324.754 {1	Y_3600	ppm	0.0428	0.0005	1.277	0.0424	0.0432
Fe2404	240.488 {1	In2306	ppm	0.405	0.0312	7.713	0.4271	0.3829
K_7664	766.490 { 4	Y_3710	ppm	20.18	0.2653	1.314	20.37	19.99
K_7698	769.896 { 4	Y_3710	ppm	20.79	0.2464	1.185	20.96	20.62
Li6707	670.784 { 5	Y_3710	ppm	0.0241	0.0001	0.4982	0.0242	0.024
Mg2790	279.079 {1	Y_3710	ppm	13.36	0.0012	0.0093	13.36	13.36
Mn2576	257.610 {1	Y_3600	ppm	0.0274	0.0002	0.6897	0.0275	0.0273
Mn2576-2	257.610 {1	Y_3710	ppm	0.0291	0.0001	0.3201	0.0291	0.0292
Mo2020	202.030 {4	Y_2243	ppm	0.0166	0.0011	6.867	0.0158	0.0174
Na5895	589.592 { 5	Y_3710	ppm	262	6.119	2.335	266.3	257.7
Na8183	818.326 { 4	Y_3710	ppm	307	2.706	0.8811	309	305.1
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0001	0.8282	0.0114	0.0113
P_1782	178.284 {4	In2306	ppm	2.48	0.0116	0.4687	2.488	2.472
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0007	258.9	-0.0007	0.0002

S_1820	182.034 {4	Y_2243	ppm	-10970	80.75	0.7363	-10910	-11020
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0002	8.644	0.003	0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0007	43.02	0.0011	0.002
Si2516	251.611 {1	Y_3710	ppm	8.353	0.0081	0.0966	8.347	8.359
Sn1899	189.989 {4	In2306	ppm	-0.0001	0	44.98	0	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.8374	0.0027	0.3268	0.8394	0.8355
Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0005	16.08	0.0035	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0005	60.2	0.0012	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0064	0.0003	4.718	0.0062	0.0066
Zn2062	206.200 {4	In2306	ppm	0.0555	0.0004	0.6706	0.0553	0.0558

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.708	1.6044	2.687	58.574	60.843
In2306	230.606 {4	Cts/S	8043.2	6.713	0.08346	8038.5	8048
Y_2243	224.306 {4	Cts/S	11208	18.364	0.16384	11195	11221
Y_3600	360.073 { 9	Cts/S	49002	118.43	0.24167	49086	48919
Y_3710	371.030 { 9	Cts/S	8187.5	1.1868	0.0145	8188.3	8186.6

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SampleName=600-48978-C-1-B DU
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Custom ID3=
Run Time=1/25/2012 8:51:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	11.67	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	0.2203	0.0364	16.53	0.246	0.1945
As1890	189.042 {4	Y_2243	ppm	0.0139	0.0006	4.252	0.0135	0.0144
B_2496	249.678 {1	Y_3710	ppm	0.3301	0.0023	0.6862	0.3285	0.3317
Ba4554	455.403 { 7	Y_3710	ppm	0.1767	0.0005	0.2558	0.1764	0.177
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	272.8	0	0.0001
Ca3158	315.887 {1	In2306	ppm	126.2	3.34	2.646	128.6	123.9
Ca3181	318.128 {1	In2306	ppm	126.6	2.974	2.349	128.7	124.5
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	115.8	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	27.39	0.0004	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0002	2.319	0.0101	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0891	0.0003	0.3791	0.0893	0.0889
Fe2404	240.488 {1	In2306	ppm	0.3948	0.008	2.037	0.4005	0.3891
K_7664	766.490 { 4	Y_3710	ppm	21.33	0.0821	0.3848	21.27	21.38
K_7698	769.896 { 4	Y_3710	ppm	22.07	0.1376	0.6234	21.97	22.17
Li6707	670.784 { 5	Y_3710	ppm	0.0248	0.0004	1.787	0.0245	0.0251
Mg2790	279.079 {1	Y_3710	ppm	13.76	0.1569	1.141	13.87	13.65
Mn2576	257.610 {1	Y_3600	ppm	0.0323	0.0001	0.1808	0.0323	0.0324
Mn2576-2	257.610 {1	Y_3710	ppm	0.0324	0.0003	1.052	0.0326	0.0321
Mo2020	202.030 {4	Y_2243	ppm	0.0154	0.0001	0.9005	0.0153	0.0155
Na5895	589.592 { 5	Y_3710	ppm	268.8	2.508	0.933	270.6	267.1
Na8183	818.326 { 4	Y_3710	ppm	322.1	0.9215	0.2861	321.5	322.8
Ni2316	231.604 {4	In2306	ppm	0.0127	0.0001	1.08	0.0128	0.0126
P_1782	178.284 {4	In2306	ppm	2.503	0.0013	0.0505	2.504	2.502

Pb2203	220.353 {4	In2306	ppm	0.0016	0	2.663	0.0016	0.0017
S_1820	182.034 {4	Y_2243	ppm	-10680	12.26	0.1148	-10690	-10670
Sb2068	206.833 {4	Y_2243	ppm	0.0016	0.0001	3.635	0.0016	0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0005	41.3	0.0009	0.0017
Si2516	251.611 {1	Y_3710	ppm	8.472	0.014	0.1652	8.462	8.482
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	65.85	-0.0002	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.8796	0.0044	0.4966	0.8765	0.8827
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0.0001	2.089	0.0025	0.0026
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0001	6.538	0.002	0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0062	0.0002	2.556	0.0061	0.0063
Zn2062	206.200 {4	In2306	ppm	0.1758	0.001	0.577	0.1765	0.1751

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.455	1.0081	1.7245	57.742	59.167
In2306	230.606 {4	Cts/S	8016.9	12.943	0.16144	8026.1	8007.8
Y_2243	224.306 {4	Cts/S	11166	35.539	0.31829	11191	11141
Y_3600	360.073 { 9	Cts/S	49282	93.122	0.18896	49216	49347
Y_3710	371.030 { 9	Cts/S	8220.2	62.052	0.75488	8264.1	8176.3

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Custom ID3=
Run Time=1/25/2012 8:53:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.514	0.0025	0.4859	0.5122	0.5158
Al3082	308.215 {1	In2306	ppm	10.78	0.2462	2.284	10.95	10.6
As1890	189.042 {4	Y_2243	ppm	1.055	0.0148	1.404	1.066	1.045
B_2496	249.678 {1	Y_3710	ppm	1.366	0.0078	0.5712	1.36	1.371
Ba4554	455.403 { 7	Y_3710	ppm	1.153	0.0035	0.2997	1.15	1.155
Be3130	313.042 {1	Y_3710	ppm	0.504	0.0004	0.0748	0.5043	0.5038
Ca3158	315.887 {1	In2306	ppm	133.8	3.377	2.524	136.2	131.4
Ca3181	318.128 {1	In2306	ppm	134.6	3.291	2.444	137	132.3
Cd2288	228.802 {4	Y_2243	ppm	0.5117	0.0077	1.508	0.5171	0.5062
Co2286	228.616 {4	In2306	ppm	1.015	0.0179	1.767	1.028	1.003
Cr2677	267.716 {1	Y_3600	ppm	0.9557	0.0016	0.163	0.9568	0.9546
Cu3247	324.754 {1	Y_3600	ppm	1.154	0.0029	0.2506	1.156	1.152
Fe2404	240.488 {1	In2306	ppm	10.41	0.2727	2.62	10.6	10.22
K_7664	766.490 { 4	Y_3710	ppm	31.9	0.3443	1.079	31.65	32.14
K_7698	769.896 { 4	Y_3710	ppm	33.29	0.3413	1.025	33.05	33.53
Li6707	670.784 { 5	Y_3710	ppm	0.557	0.0068	1.222	0.5521	0.5618
Mg2790	279.079 {1	Y_3710	ppm	23.85	0.0867	0.3637	23.79	23.91
Mn2576	257.610 {1	Y_3600	ppm	0.9666	0.001	0.1043	0.9659	0.9673
Mn2576-2	257.610 {1	Y_3710	ppm	0.9867	0.0078	0.7913	0.9812	0.9922
Mo2020	202.030 {4	Y_2243	ppm	0.9918	0.019	1.915	1.005	0.9784
Na5895	589.592 { 5	Y_3710	ppm	286.6	4.71	1.643	283.3	289.9
Na8183	818.326 { 4	Y_3710	ppm	331.5	2.3	0.6938	329.9	333.2
Ni2316	231.604 {4	In2306	ppm	0.9998	0.0187	1.874	1.013	0.9866

P_1782	178.284 {4	In2306	ppm	2.439	0.013	0.5329	2.449	2.43
Pb2203	220.353 {4	In2306	ppm	0.9735	0.0157	1.612	0.9846	0.9624
S_1820	182.034 {4	Y_2243	ppm	-10420	42.12	0.4044	-10450	-10390
Sb2068	206.833 {4	Y_2243	ppm	1.002	0.0157	1.564	1.013	0.991
Se1960	196.090 {4	Y_2243	ppm	1.075	0.0118	1.097	1.083	1.067
Si2516	251.611 {1	Y_3710	ppm	9.478	0.0762	0.8039	9.424	9.532
Sn1899	189.989 {4	In2306	ppm	1.023	0.0224	2.194	1.039	1.007
Sr4215	421.552 { 8	Y_3710	ppm	1.366	0.004	0.2943	1.364	1.369
Ti3349	334.904 {1	Y_3600	ppm	0.9903	0.0059	0.5999	0.9945	0.9861
Tl1908	190.856 {4	In2306	ppm	0.9303	0.0293	3.149	0.951	0.9096
V_2924	292.402 {1	Y_3600	ppm	0.9907	0.0011	0.1124	0.9915	0.9899
Zn2062	206.200 {4	In2306	ppm	1.228	0.0248	2.018	1.245	1.21

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.812	1.2966	2.2046	57.895	59.729
In2306	230.606 {4	Cts/S	7928.7	11.998	0.15132	7937.2	7920.2
Y_2243	224.306 {4	Cts/S	11115	37.916	0.34111	11142	11089
Y_3600	360.073 { 9	Cts/S	49000	20.988	0.04283	48985	49015
Y_3710	371.030 { 9	Cts/S	8134	34.786	0.42767	8158.6	8109.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:56:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5292	0.0021	0.3877	0.5278	0.5307
Al3082	308.215 {1	In2306	ppm	11.06	0.2496	2.258	11.23	10.88
As1890	189.042 {4	Y_2243	ppm	1.099	0.0059	0.5377	1.104	1.095
B_2496	249.678 {1	Y_3710	ppm	1.363	0.0005	0.0336	1.363	1.363
Ba4554	455.403 { 7	Y_3710	ppm	1.184	0.0027	0.2279	1.186	1.182
Be3130	313.042 {1	Y_3710	ppm	0.5179	0.0013	0.2475	0.5169	0.5188
Ca3158	315.887 {1	In2306	ppm	131	0.9717	0.7417	131.7	130.3
Ca3181	318.128 {1	In2306	ppm	132	1.371	1.039	132.9	131
Cd2288	228.802 {4	Y_2243	ppm	0.5309	0.0033	0.6264	0.5332	0.5285
Co2286	228.616 {4	In2306	ppm	1.057	0.0045	0.425	1.06	1.054
Cr2677	267.716 {1	Y_3600	ppm	0.9901	0.0023	0.231	0.9917	0.9885
Cu3247	324.754 {1	Y_3600	ppm	1.18	0.0033	0.2773	1.182	1.178
Fe2404	240.488 {1	In2306	ppm	10.52	0.1342	1.275	10.61	10.42
K_7664	766.490 { 4	Y_3710	ppm	32.57	0.656	2.014	33.03	32.11
K_7698	769.896 { 4	Y_3710	ppm	33.97	0.6787	1.998	34.45	33.49
Li6707	670.784 { 5	Y_3710	ppm	0.576	0.0127	2.199	0.5849	0.567
Mg2790	279.079 {1	Y_3710	ppm	24.04	0.046	0.1912	24.01	24.07
Mn2576	257.610 {1	Y_3600	ppm	0.996	0.0006	0.0653	0.9964	0.9955
Mn2576-2	257.610 {1	Y_3710	ppm	1.011	0.002	0.1962	1.01	1.012
Mo2020	202.030 {4	Y_2243	ppm	1.018	0.0081	0.7948	1.024	1.012
Na5895	589.592 { 5	Y_3710	ppm	269.8	6.936	2.571	264.9	274.7
Na8183	818.326 { 4	Y_3710	ppm	333	3.456	1.038	335.4	330.5

Ni2316	231.604 {4	In2306	ppm	1.042	0.0062	0.5941	1.047	1.038
P_1782	178.284 {4	In2306	ppm	2.441	0.0124	0.5075	2.45	2.432
Pb2203	220.353 {4	In2306	ppm	1.008	0.008	0.7963	1.014	1.003
S_1820	182.034 {4	Y_2243	ppm	-10360	26.34	0.2541	-10380	-10350
Sb2068	206.833 {4	Y_2243	ppm	1.037	0.0049	0.4763	1.041	1.034
Se1960	196.090 {4	Y_2243	ppm	1.115	0.0011	0.0997	1.115	1.116
Si2516	251.611 {1	Y_3710	ppm	9.496	0.018	0.1899	9.509	9.483
Sn1899	189.989 {4	In2306	ppm	1.052	0.0075	0.7153	1.058	1.047
Sr4215	421.552 { 8	Y_3710	ppm	1.383	0.0013	0.0947	1.384	1.382
Ti3349	334.904 {1	Y_3600	ppm	1.006	0.0063	0.6212	1.011	1.002
Tl1908	190.856 {4	In2306	ppm	0.9634	0.0218	2.261	0.9788	0.948
V_2924	292.402 {1	Y_3600	ppm	1.026	0.0029	0.2872	1.028	1.024
Zn2062	206.200 {4	In2306	ppm	1.256	0.0071	0.5647	1.261	1.251

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.51	0.989	1.6619	58.811	60.21
In2306	230.606 {4	Cts/S	7884.5	41.985	0.5325	7914.2	7854.8
Y_2243	224.306 {4	Cts/S	11059	61.37	0.55494	11102	11015
Y_3600	360.073 { 9	Cts/S	49206	150.97	0.30681	49099	49313
Y_3710	371.030 { 9	Cts/S	8114.7	30.608	0.37719	8093	8136.3

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Custom ID1=
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Custom ID3=
Run Time=1/25/2012 8:58:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5074	0.0047	0.9352	0.5041	0.5108
Al3082	308.215 {1	In2306	ppm	10.91	0.4209	3.859	10.61	11.21
As1890	189.042 {4	Y_2243	ppm	1.058	0.0037	0.3483	1.06	1.055
B_2496	249.678 {1	Y_3710	ppm	1.331	0.0115	0.8613	1.339	1.323
Ba4554	455.403 { 7	Y_3710	ppm	1.14	0.0025	0.2211	1.138	1.142
Be3130	313.042 {1	Y_3710	ppm	0.4925	0.002	0.4162	0.494	0.4911
Ca3158	315.887 {1	In2306	ppm	131.7	5.654	4.293	127.7	135.7
Ca3181	318.128 {1	In2306	ppm	132.8	5.636	4.244	128.8	136.8
Cd2288	228.802 {4	Y_2243	ppm	0.5162	0.0011	0.21	0.5169	0.5154
Co2286	228.616 {4	In2306	ppm	1.02	0.0025	0.2428	1.022	1.018
Cr2677	267.716 {1	Y_3600	ppm	0.9645	0.0028	0.2927	0.9625	0.9665
Cu3247	324.754 {1	Y_3600	ppm	1.103	0.0042	0.381	1.106	1.1
Fe2404	240.488 {1	In2306	ppm	10.73	0.4771	4.448	10.39	11.07
K_7664	766.490 { 4	Y_3710	ppm	29.91	0.1406	0.4702	29.81	30.01
K_7698	769.896 { 4	Y_3710	ppm	31.21	0.1154	0.3698	31.13	31.29
Li6707	670.784 { 5	Y_3710	ppm	1.068	0.0077	0.7199	1.062	1.073
Mg2790	279.079 {1	Y_3710	ppm	23.12	0.1413	0.6112	23.22	23.02
Mn2576	257.610 {1	Y_3600	ppm	0.9796	0.0071	0.7207	0.9746	0.9846
Mn2576-2	257.610 {1	Y_3710	ppm	0.9906	0.0018	0.1846	0.9919	0.9893
Mo2020	202.030 {4	Y_2243	ppm	0.9848	0.0036	0.3613	0.9873	0.9822
Na5895	589.592 { 5	Y_3710	ppm	260.4	6.15	2.362	264.7	256

Na8183	818.326 { 4	Y_3710	ppm	312.3	1.254	0.4015	311.4	313.2
Ni2316	231.604 {4	In2306	ppm	1.017	0	0.0048	1.017	1.017
P_1782	178.284 {4	In2306	ppm	3.558	0.002	0.0559	3.559	3.557
Pb2203	220.353 {4	In2306	ppm	0.9828	0.0034	0.351	0.9853	0.9804
S_1820	182.034 {4	Y_2243	ppm	-10720	25.58	0.2387	-10740	-10700
Sb2068	206.833 {4	Y_2243	ppm	1.023	0.009	0.8812	1.029	1.016
Se1960	196.090 {4	Y_2243	ppm	1.061	0.0045	0.4262	1.064	1.058
Si2516	251.611 {1	Y_3710	ppm	9.212	0.0434	0.471	9.181	9.243
Sn1899	189.989 {4	In2306	ppm	1.023	0.0015	0.1481	1.024	1.022
Sr4215	421.552 { 8	Y_3710	ppm	1.308	0.0013	0.0986	1.307	1.309
Ti3349	334.904 {1	Y_3600	ppm	0.9855	0.0005	0.0546	0.9851	0.9859
Tl1908	190.856 {4	In2306	ppm	0.9799	0.0024	0.2472	0.9781	0.9816
V_2924	292.402 {1	Y_3600	ppm	0.9839	0.0025	0.2557	0.9857	0.9821
Zn2062	206.200 {4	In2306	ppm	1.106	0.0031	0.2774	1.108	1.104

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.197	2.5963	4.5392	59.033	55.361
In2306	230.606 {4	Cts/S	8004.5	9.0964	0.11364	7998.1	8010.9
Y_2243	224.306 {4	Cts/S	11269	13.139	0.11659	11260	11278
Y_3600	360.073 { 9	Cts/S	48940	287.5	0.58746	49143	48736
Y_3710	371.030 { 9	Cts/S	8223.8	4.8196	0.05861	8227.2	8220.4

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0005	0	9.77	-0.0005	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0156	0.0349	223.6	0.0403	-0.0091
As1890	189.042 {4	Y_2243	ppm	0.0072	0.0055	75.23	0.0034	0.0111
B_2496	249.678 {1	Y_3710	ppm	0.0611	0.0042	6.905	0.0581	0.064
Ba4554	455.403 { 7	Y_3710	ppm	0.0326	0.0001	0.2337	0.0326	0.0325
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	19.15	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	23.06	0.2903	1.259	23.26	22.85
Ca3181	318.128 {1	In2306	ppm	23.31	0.2388	1.025	23.48	23.14
Cd2288	228.802 {4	Y_2243	ppm	0.0026	0.0034	132.7	0.0002	0.005
Co2286	228.616 {4	In2306	ppm	0.006	0.0074	123.3	0.0008	0.0113
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0001	2.703	0.002	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.006	0.0007	10.89	0.0065	0.0056
Fe2404	240.488 {1	In2306	ppm	0.0547	0.0151	27.54	0.0653	0.044
K_7664	766.490 { 4	Y_3710	ppm	3.978	0.0185	0.4641	3.991	3.965
K_7698	769.896 { 4	Y_3710	ppm	3.825	0.0256	0.6703	3.843	3.807
Li6707	670.784 { 5	Y_3710	ppm	0.0048	0.0001	1.883	0.0047	0.0048
Mg2790	279.079 {1	Y_3710	ppm	2.582	0.0233	0.9017	2.566	2.599
Mn2576	257.610 {1	Y_3600	ppm	0.0057	0.0001	1.048	0.0057	0.0056
Mn2576-2	257.610 {1	Y_3710	ppm	0.0063	0.0002	3.89	0.0061	0.0064
Mo2020	202.030 {4	Y_2243	ppm	0.0118	0.0086	72.7	0.0057	0.0179

Na5895	589.592 { 5	Y_3710	ppm	57.24	1.216	2.125	56.38	58.1
Na8183	818.326 { 4	Y_3710	ppm	58.88	0.0964	0.1637	58.95	58.82
Ni2316	231.604 {4	In2306	ppm	0.0079	0.0072	90.74	0.0028	0.013
P_1782	178.284 {4	In2306	ppm	0.4488	0.0169	3.768	0.4368	0.4607
Pb2203	220.353 {4	In2306	ppm	0.0049	0.0046	93.65	0.0017	0.0082
S_1820	182.034 {4	Y_2243	ppm	-2136	38.88	1.821	-2108	-2163
Sb2068	206.833 {4	Y_2243	ppm	0.0166	0.0094	56.89	0.0099	0.0232
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0037	110.2	0.0007	0.006
Si2516	251.611 {1	Y_3710	ppm	1.56	0.022	1.413	1.576	1.545
Sn1899	189.989 {4	In2306	ppm	0.0074	0.0083	111.5	0.0016	0.0132
Sr4215	421.552 { 8	Y_3710	ppm	0.1652	0.0005	0.2757	0.1655	0.1648
Ti3349	334.904 {1	Y_3600	ppm	0.0019	0	1.171	0.0019	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0042	0.0044	103.3	0.0011	0.0073
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0005	35.94	0.001	0.0017
Zn2062	206.200 {4	In2306	ppm	0.0217	0.0074	34.32	0.0164	0.0269

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.409	1.177	1.9166	60.577	62.241
In2306	230.606 {4	Cts/S	9236	29.257	0.31678	9256.7	9215.3
Y_2243	224.306 {4	Cts/S	12240	22.563	0.18433	12256	12224
Y_3600	360.073 { 9	Cts/S	48519	325.5	0.67088	48289	48749
Y_3710	371.030 { 9	Cts/S	8513.4	4.1606	0.04887	8510.5	8516.4

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Custom ID3=
Run Time=1/25/2012 9:03:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0002	33.89	0.0006	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0524	0.0104	19.79	-0.0597	-0.0451
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0008	296.3	0.0008	-0.0003
B_2496	249.678 {1	Y_3710	ppm	0	0.001	3552	-0.0007	0.0008
Ba4554	455.403 { 7	Y_3710	ppm	-0.0002	0	9.094	-0.0002	-0.0002
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	11.16	-0.0003	-0.0003
Ca3158	315.887 {1	In2306	ppm	-0.0146	0.0069	47.51	-0.0195	-0.0097
Ca3181	318.128 {1	In2306	ppm	0.085	0.0524	61.6	0.1221	0.048
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	57.39	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	57.83	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0002	81.07	0.0005	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0001	10.76	-0.0012	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0315	0.0098	31.15	-0.0246	-0.0385
K_7664	766.490 { 4	Y_3710	ppm	0.0503	0.0155	30.85	0.0613	0.0393
K_7698	769.896 { 4	Y_3710	ppm	-0.2289	0.0066	2.898	-0.2336	-0.2242
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	118.9	0	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0127	0.0123	96.46	-0.0214	-0.0041
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	2.214	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0015	1550	0.0009	-0.0011

Mo2020	202.030 {4	Y_2243	ppm	0.0004	0	9.464	0.0004	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0716	0.0004	0.5861	0.0719	0.0713
Na8183	818.326 { 4	Y_3710	ppm	-0.0368	0.014	38.05	-0.0269	-0.0466
Ni2316	231.604 {4	In2306	ppm	0	0.0001	237.9	0	0.0001
P_1782	178.284 {4	In2306	ppm	0.0001	0.0002	147.9	0	0.0003
Pb2203	220.353 {4	In2306	ppm	0.0001	0	35.09	0.0001	0.0001
S_1820	182.034 {4	Y_2243	ppm	-3.643	2.014	55.28	-2.219	-5.067
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0009	40.29	0.003	0.0017
Se1960	196.090 {4	Y_2243	ppm	-0.0015	0.0001	8.192	-0.0016	-0.0014
Si2516	251.611 {1	Y_3710	ppm	-0.024	0.0096	40.1	-0.0309	-0.0172
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0001	20.81	-0.0003	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	104.8	-0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0006	303.6	0.0006	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.001	0.0009	86.3	0.0017	0.0004
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	453.4	-0.0002	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0127	0.0003	1.98	0.0125	0.0129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.479	0.2711	0.44096	61.671	61.288
In2306	230.606 {4	Cts/S	10119	24.176	0.23893	10102	10136
Y_2243	224.306 {4	Cts/S	12653	80.292	0.63456	12596	12710
Y_3600	360.073 { 9	Cts/S	46314	58.665	0.12667	46355	46272
Y_3710	371.030 { 9	Cts/S	8534.5	18.91	0.22157	8521.2	8547.9

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2437	0.0016	0.6634	0.2448	0.2425
Al3082	308.215 {1	In2306	ppm	2.454	0.0684	2.789	2.405	2.502
As1890	189.042 {4	Y_2243	ppm	0.4798	0.0012	0.2558	0.4807	0.479
B_2496	249.678 {1	Y_3710	ppm	0.4785	0.0094	1.974	0.4718	0.4852
Ba4554	455.403 { 7	Y_3710	ppm	0.479	0.0005	0.1041	0.4786	0.4793
Be3130	313.042 {1	Y_3710	ppm	0.4933	0.0021	0.4247	0.4918	0.4948
Ca3158	315.887 {1	In2306	ppm	12.32	0.0414	0.3359	12.29	12.35
Ca3181	318.128 {1	In2306	ppm	12.34	0.1	0.8102	12.27	12.41
Cd2288	228.802 {4	Y_2243	ppm	0.4868	0.0004	0.0724	0.4871	0.4866
Co2286	228.616 {4	In2306	ppm	0.4927	0.0003	0.0557	0.4925	0.4929
Cr2677	267.716 {1	Y_3600	ppm	0.4967	0.0038	0.7611	0.4994	0.4941
Cu3247	324.754 {1	Y_3600	ppm	0.4874	0.0041	0.8514	0.4903	0.4844
Fe2404	240.488 {1	In2306	ppm	2.467	0.0412	1.67	2.496	2.438
K_7664	766.490 { 4	Y_3710	ppm	12.51	0.1464	1.17	12.41	12.61
K_7698	769.896 { 4	Y_3710	ppm	12.63	0.1924	1.524	12.49	12.76
Li6707	670.784 { 5	Y_3710	ppm	0.4896	0.0069	1.417	0.4847	0.4945
Mg2790	279.079 {1	Y_3710	ppm	4.866	0.0081	0.1666	4.86	4.872
Mn2576	257.610 {1	Y_3600	ppm	0.4855	0.0039	0.8038	0.4883	0.4827

Mn2576-2	257.610 {1	Y_3710	ppm	0.4685	0.001	0.2118	0.4692	0.4678
Mo2020	202.030 {4	Y_2243	ppm	0.4877	0.0011	0.2298	0.4885	0.4869
Na5895	589.592 { 5	Y_3710	ppm	12.4	0.1509	1.217	12.29	12.5
Na8183	818.326 { 4	Y_3710	ppm	12.3	0.1055	0.8583	12.22	12.37
Ni2316	231.604 {4	In2306	ppm	0.4813	0	0.0095	0.4812	0.4813
P_1782	178.284 {4	In2306	ppm	-0.0026	0	0.7264	-0.0026	-0.0026
Pb2203	220.353 {4	In2306	ppm	0.484	0.0004	0.0784	0.4837	0.4843
S_1820	182.034 {4	Y_2243	ppm	-44.04	0.066	0.1498	-44.08	-43.99
Sb2068	206.833 {4	Y_2243	ppm	0.4754	0.0019	0.4067	0.4767	0.474
Se1960	196.090 {4	Y_2243	ppm	0.484	0.0001	0.0287	0.4839	0.4841
Si2516	251.611 {1	Y_3710	ppm	0.7834	0.0015	0.1917	0.7845	0.7823
Sn1899	189.989 {4	In2306	ppm	0.5009	0.0006	0.1138	0.5013	0.5005
Sr4215	421.552 { 8	Y_3710	ppm	0.2437	0.0008	0.346	0.2431	0.2443
Ti3349	334.904 {1	Y_3600	ppm	0.5068	0.0062	1.216	0.5111	0.5024
Tl1908	190.856 {4	In2306	ppm	0.5005	0.0047	0.9449	0.5038	0.4972
V_2924	292.402 {1	Y_3600	ppm	0.5077	0.0056	1.113	0.5117	0.5037
Zn2062	206.200 {4	In2306	ppm	0.4898	0.0007	0.1406	0.4893	0.4903

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.88	0.62471	1.0096	62.321	61.438
In2306	230.606 {4	Cts/S	9533.3	1.7071	0.01791	9534.5	9532.1
Y_2243	224.306 {4	Cts/S	12536	17.4	0.1388	12524	12549
Y_3600	360.073 { 9	Cts/S	47223	328.96	0.69661	46990	47456
Y_3710	371.030 { 9	Cts/S	8570.2	53.523	0.62452	8608	8532.3

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0055	0.0002	3.299	0.0053	0.0056
Al3082	308.215 {1	In2306	ppm	0.0574	0.0178	31.05	0.07	0.0448
As1890	189.042 {4	Y_2243	ppm	0.0099	0.0016	16	0.0087	0.011
B_2496	249.678 {1	Y_3710	ppm	0.0047	0.0005	10.98	0.0051	0.0043
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0	0.2365	0.0098	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	3.219	0.0046	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1052	0.0082	7.751	0.0995	0.111
Ca3181	318.128 {1	In2306	ppm	0.1755	0.019	10.83	0.189	0.1621
Cd2288	228.802 {4	Y_2243	ppm	0.0063	0.002	31.98	0.0049	0.0078
Co2286	228.616 {4	In2306	ppm	0.0115	0.0022	18.87	0.0099	0.013
Cr2677	267.716 {1	Y_3600	ppm	0.0096	0.0002	1.699	0.0095	0.0097
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0004	4.547	0.0088	0.0083
Fe2404	240.488 {1	In2306	ppm	0.0709	0.0169	23.86	0.0829	0.059
K_7664	766.490 { 4	Y_3710	ppm	0.6615	0.0022	0.3378	0.6631	0.6599
K_7698	769.896 { 4	Y_3710	ppm	0.4322	0.0114	2.636	0.4403	0.4242
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0005	4.604	0.0105	0.0098
Mg2790	279.079 {1	Y_3710	ppm	0.0352	0.018	51.04	0.0225	0.0479

Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	0.6	0.0102	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0103	0.0013	12.31	0.0094	0.0112
Mo2020	202.030 {4	Y_2243	ppm	0.013	0.0028	21.79	0.011	0.015
Na5895	589.592 { 5	Y_3710	ppm	0.7069	0.0079	1.118	0.7125	0.7013
Na8183	818.326 { 4	Y_3710	ppm	0.6149	0.0304	4.942	0.5934	0.6364
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0024	20.87	0.0096	0.013
P_1782	178.284 {4	In2306	ppm	0.0105	0.0001	0.5112	0.0106	0.0105
Pb2203	220.353 {4	In2306	ppm	0.0109	0.0022	20.09	0.0093	0.0124
S_1820	182.034 {4	Y_2243	ppm	-1.229	0.0112	0.9145	-1.236	-1.221
Sb2068	206.833 {4	Y_2243	ppm	0.0184	0.0022	11.99	0.0168	0.02
Se1960	196.090 {4	Y_2243	ppm	0.0104	0.0014	13.36	0.0094	0.0114
Si2516	251.611 {1	Y_3710	ppm	-0.0108	0.0081	75.25	-0.0165	-0.0051
Sn1899	189.989 {4	In2306	ppm	0.012	0.0025	20.97	0.0102	0.0137
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0.0001	2.439	0.0048	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.0101	0.0008	7.696	0.0107	0.0096
Tl1908	190.856 {4	In2306	ppm	0.0154	0.0041	26.66	0.0125	0.0183
V_2924	292.402 {1	Y_3600	ppm	0.0102	0.0002	1.785	0.0103	0.0101
Zn2062	206.200 {4	In2306	ppm	0.0101	0.0021	21.05	0.0086	0.0116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.253	0.2981	0.47128	63.464	63.043
In2306	230.606 {4	Cts/S	10129	18.687	0.18448	10143	10116
Y_2243	224.306 {4	Cts/S	12752	11.896	0.09329	12744	12760
Y_3600	360.073 { 9	Cts/S	46344	63.703	0.13746	46299	46389
Y_3710	371.030 { 9	Cts/S	8641.6	12.069	0.13966	8633	8650.1

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:11:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0007	94.08	0.0002	0.0012
Al3082	308.215 {1	In2306	ppm	-0.048	0.0085	17.8	-0.054	-0.0419
As1890	189.042 {4	Y_2243	ppm	-0.0012	0	2.723	-0.0012	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0009	0.0014	154.5	0.0001	-0.0019
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0001	122.6	0	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	258.8	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0021	0.0138	655	-0.0077	0.0119
Ca3181	318.128 {1	In2306	ppm	0.1478	0.0358	24.22	0.1731	0.1224
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	266.5	0	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0003	1027	-0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0006	112.6	0.0009	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0014	0.0006	43.22	-0.001	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0076	0.0153	200.4	-0.0185	0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.0235	0.0098	41.5	0.0166	0.0304
K_7698	769.896 { 4	Y_3710	ppm	-0.0076	0.0288	379.3	-0.028	0.0128
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0003	51.25	0.0007	0.0003

Mg2790	279.079 {1	Y_3710	ppm	-0.0477	0.0255	53.4	-0.0658	-0.0297
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0.0001	49.3	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0004	0.0011	297.9	0.0011	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	25.86	0.0004	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0531	0.0002	0.3735	0.0532	0.0529
Na8183	818.326 { 4	Y_3710	ppm	0.1787	0.0173	9.659	0.1665	0.1909
Ni2316	231.604 {4	In2306	ppm	0.0003	0	3.712	0.0002	0.0003
P_1782	178.284 {4	In2306	ppm	0.0005	0.0005	96.79	0.0009	0.0002
Pb2203	220.353 {4	In2306	ppm	0	0.0001	424.7	0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-2.48	0.0119	0.4811	-2.472	-2.489
Sb2068	206.833 {4	Y_2243	ppm	0.0042	0.0002	3.87	0.0041	0.0043
Se1960	196.090 {4	Y_2243	ppm	-0.001	0.0001	7.396	-0.0011	-0.001
Si2516	251.611 {1	Y_3710	ppm	-0.0233	0.0389	167	-0.0507	0.0042
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	43.52	0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	452.6	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0	0	17.41	-0.0001	0
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0012	86.71	0.0005	0.0022
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0003	126.7	0	-0.0005
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	81.56	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.273	0.19668	0.32099	61.134	61.412
In2306	230.606 {4	Cts/S	10114	18.557	0.18348	10127	10101
Y_2243	224.306 {4	Cts/S	12723	29.156	0.22916	12744	12702
Y_3600	360.073 { 9	Cts/S	45654	207.11	0.45366	45507	45800
Y_3710	371.030 { 9	Cts/S	8478.6	59.397	0.70055	8436.6	8520.6

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Custom ID3=
Run Time=1/25/2012 9:14:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5036	0.0044	0.8769	0.5005	0.5067
Al3082	308.215 {1	In2306	ppm	10.16	0.2101	2.068	10.01	10.31
As1890	189.042 {4	Y_2243	ppm	0.9726	0.0008	0.0861	0.9732	0.972
B_2496	249.678 {1	Y_3710	ppm	0.9916	0.009	0.9047	0.998	0.9853
Ba4554	455.403 { 7	Y_3710	ppm	0.9932	0.0053	0.5296	0.9895	0.9969
Be3130	313.042 {1	Y_3710	ppm	0.5022	0.0004	0.0878	0.5025	0.5019
Ca3158	315.887 {1	In2306	ppm	9.859	0.1196	1.213	9.774	9.943
Ca3181	318.128 {1	In2306	ppm	9.82	0.0201	0.2046	9.834	9.806
Cd2288	228.802 {4	Y_2243	ppm	0.4888	0.0017	0.3514	0.49	0.4876
Co2286	228.616 {4	In2306	ppm	0.9936	0.004	0.4019	0.9964	0.9908
Cr2677	267.716 {1	Y_3600	ppm	1.005	0.0014	0.1355	1.004	1.006
Cu3247	324.754 {1	Y_3600	ppm	0.9983	0.0026	0.2614	1	0.9965
Fe2404	240.488 {1	In2306	ppm	9.889	0.0941	0.9516	9.823	9.956
K_7664	766.490 { 4	Y_3710	ppm	10.9	0.2095	1.922	10.75	11.05
K_7698	769.896 { 4	Y_3710	ppm	10.89	0.2135	1.96	10.74	11.04

Li6707	670.784 { 5	Y_3710	ppm	0.5337	0.0107	2.001	0.5261	0.5412
Mg2790	279.079 {1	Y_3710	ppm	9.903	0.0374	0.3781	9.93	9.877
Mn2576	257.610 {1	Y_3600	ppm	0.9901	0.0052	0.5218	0.9864	0.9937
Mn2576-2	257.610 {1	Y_3710	ppm	0.9597	0.0029	0.2989	0.9617	0.9577
Mo2020	202.030 {4	Y_2243	ppm	0.9818	0.0023	0.2293	0.9833	0.9802
Na5895	589.592 { 5	Y_3710	ppm	10.8	0.1878	1.739	10.67	10.93
Na8183	818.326 { 4	Y_3710	ppm	10.39	0.0336	0.3231	10.37	10.41
Ni2316	231.604 {4	In2306	ppm	0.9687	0.0031	0.3173	0.9709	0.9665
P_1782	178.284 {4	In2306	ppm	-0.0012	0.0008	69.42	-0.0006	-0.0017
Pb2203	220.353 {4	In2306	ppm	0.9759	0.0047	0.485	0.9792	0.9725
S_1820	182.034 {4	Y_2243	ppm	-0.6693	0.0155	2.312	-0.6802	-0.6583
Sb2068	206.833 {4	Y_2243	ppm	0.9518	0.0028	0.2938	0.9538	0.9498
Se1960	196.090 {4	Y_2243	ppm	0.9784	0.0012	0.1197	0.9792	0.9776
Si2516	251.611 {1	Y_3710	ppm	0.8446	0.0106	1.25	0.8371	0.852
Sn1899	189.989 {4	In2306	ppm	1.009	0.0082	0.8158	1.015	1.003
Sr4215	421.552 { 8	Y_3710	ppm	0.4961	0.0021	0.4171	0.4946	0.4976
Ti3349	334.904 {1	Y_3600	ppm	1.022	0.0064	0.6291	1.017	1.026
Tl1908	190.856 {4	In2306	ppm	1.001	0.0142	1.42	1.011	0.991
V_2924	292.402 {1	Y_3600	ppm	1.022	0.0048	0.4666	1.018	1.025
Zn2062	206.200 {4	In2306	ppm	0.9806	0.0038	0.3868	0.9833	0.9779

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.322	1.2614	2.024	63.214	61.43
In2306	230.606 {4	Cts/S	9513.1	5.6653	0.05955	9517.1	9509.1
Y_2243	224.306 {4	Cts/S	12577	28.92	0.22994	12598	12557
Y_3600	360.073 { 9	Cts/S	47176	203.78	0.43195	47320	47032
Y_3710	371.030 { 9	Cts/S	8583.6	32.841	0.38261	8606.8	8560.4

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	245.2	-0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	0.1188	0.0479	40.3	0.1527	0.085
As1890	189.042 {4	Y_2243	ppm	0.01	0.0048	47.78	0.0066	0.0133
B_2496	249.678 {1	Y_3710	ppm	0.2814	0.0134	4.745	0.272	0.2909
Ba4554	455.403 { 7	Y_3710	ppm	0.1067	0.0001	0.07	0.1067	0.1066
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	106	0	0.0001
Ca3158	315.887 {1	In2306	ppm	62.33	2.296	3.683	63.95	60.71
Ca3181	318.128 {1	In2306	ppm	63.19	1.874	2.966	64.52	61.87
Cd2288	228.802 {4	Y_2243	ppm	0.0021	0.0028	132.9	0.0001	0.0041
Co2286	228.616 {4	In2306	ppm	0.0055	0.0061	110.7	0.0012	0.0099
Cr2677	267.716 {1	Y_3600	ppm	0.0029	0.0007	22.49	0.0034	0.0025
Cu3247	324.754 {1	Y_3600	ppm	0.0073	0.0001	1.709	0.0072	0.0074
Fe2404	240.488 {1	In2306	ppm	0.274	0.003	1.106	0.2761	0.2718
K_7664	766.490 { 4	Y_3710	ppm	15.23	0.6289	4.13	14.78	15.67

K_7698	769.896 { 4	Y_3710	ppm	15.44	0.6915	4.479	14.95	15.93
Li6707	670.784 { 5	Y_3710	ppm	0.0209	0.0009	4.504	0.0203	0.0216
Mg2790	279.079 {1	Y_3710	ppm	8.152	0.0554	0.679	8.192	8.113
Mn2576	257.610 {1	Y_3600	ppm	0.0224	0.0002	0.8271	0.0225	0.0223
Mn2576-2	257.610 {1	Y_3710	ppm	0.0243	0.0021	8.72	0.0228	0.0258
Mo2020	202.030 {4	Y_2243	ppm	0.0168	0.0066	39.49	0.0121	0.0215
Na5895	589.592 { 5	Y_3710	ppm	180.9	11.49	6.351	172.8	189
Na8183	818.326 { 4	Y_3710	ppm	196.6	2.692	1.369	194.7	198.5
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0059	57.84	0.006	0.0143
P_1782	178.284 {4	In2306	ppm	1.951	0.0259	1.329	1.97	1.933
Pb2203	220.353 {4	In2306	ppm	0.0043	0.0054	126.1	0.0005	0.0081
S_1820	182.034 {4	Y_2243	ppm	-2578	14.55	0.5643	-2588	-2567
Sb2068	206.833 {4	Y_2243	ppm	0.0182	0.0045	24.96	0.015	0.0214
Se1960	196.090 {4	Y_2243	ppm	0.0043	0.0042	97.11	0.0014	0.0073
Si2516	251.611 {1	Y_3710	ppm	5.845	0.055	0.9405	5.807	5.884
Sn1899	189.989 {4	In2306	ppm	0.0066	0.0076	116.1	0.0012	0.0119
Sr4215	421.552 { 8	Y_3710	ppm	0.4788	0.0011	0.2396	0.478	0.4796
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0003	15.8	0.0018	0.0014
Tl1908	190.856 {4	In2306	ppm	0.01	0.0077	76.7	0.0046	0.0154
V_2924	292.402 {1	Y_3600	ppm	0.0049	0	0.4421	0.005	0.0049
Zn2062	206.200 {4	In2306	ppm	0.5736	0.0006	0.0966	0.5732	0.574

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.42	0.80801	1.3598	58.849	59.991
In2306	230.606 {4	Cts/S	8535.2	16.34	0.19144	8523.7	8546.8
Y_2243	224.306 {4	Cts/S	11773	11.672	0.09914	11765	11781
Y_3600	360.073 { 9	Cts/S	48487	29.266	0.06036	48508	48467
Y_3710	371.030 { 9	Cts/S	8262.2	64.178	0.77676	8307.6	8216.8

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0006	89.15	0.0003	0.0011
Al3082	308.215 {1	In2306	ppm	1.993	0.0105	0.5287	1.986	2.001
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0001	5.977	0.0017	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0714	0.0065	9.13	0.0668	0.076
Ba4554	455.403 { 7	Y_3710	ppm	0.0772	0.0002	0.2302	0.0771	0.0773
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	700.2	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	10.87	0.0695	0.6393	10.92	10.82
Ca3181	318.128 {1	In2306	ppm	10.91	0.0266	0.2436	10.89	10.93
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	1379	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0011	0.0003	25.43	0.0009	0.0013
Cr2677	267.716 {1	Y_3600	ppm	0.004	0.0003	6.628	0.0042	0.0038
Cu3247	324.754 {1	Y_3600	ppm	0.0288	0.0002	0.7685	0.029	0.0286
Fe2404	240.488 {1	In2306	ppm	1.73	0.0103	0.5962	1.722	1.737

K_7664	766.490 { 4	Y_3710	ppm	7.94	0.0383	0.4823	7.913	7.967
K_7698	769.896 { 4	Y_3710	ppm	7.792	0.0643	0.8257	7.747	7.838
Li6707	670.784 { 5	Y_3710	ppm	0.0043	0.0002	4.582	0.0045	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.525	0.0257	1.019	2.507	2.543
Mn2576	257.610 {1	Y_3600	ppm	0.0319	0.0002	0.6162	0.0317	0.032
Mn2576-2	257.610 {1	Y_3710	ppm	0.0308	0.0002	0.5855	0.0309	0.0306
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0.0005	21.53	0.0018	0.0025
Na5895	589.592 { 5	Y_3710	ppm	33.7	0.1369	0.4063	33.6	33.79
Na8183	818.326 { 4	Y_3710	ppm	31.84	0.2098	0.659	31.69	31.99
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0002	14.04	0.0014	0.0017
P_1782	178.284 {4	In2306	ppm	0.2586	0.0142	5.476	0.2486	0.2686
Pb2203	220.353 {4	In2306	ppm	0.0023	0.0003	14.87	0.0025	0.0021
S_1820	182.034 {4	Y_2243	ppm	-302.4	13.64	4.509	-292.8	-312.1
Sb2068	206.833 {4	Y_2243	ppm	0.0031	0.0011	36.92	0.0023	0.0039
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0014	122.5	-0.0021	-0.0002
Si2516	251.611 {1	Y_3710	ppm	3.618	0.0127	0.3501	3.609	3.627
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0006	363.8	-0.0006	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0815	0.0003	0.3939	0.0813	0.0818
Ti3349	334.904 {1	Y_3600	ppm	0.0127	0.0002	1.345	0.0126	0.0128
Tl1908	190.856 {4	In2306	ppm	0.0022	0.0017	76.55	0.001	0.0035
V_2924	292.402 {1	Y_3600	ppm	0.0054	0.0007	12.36	0.0059	0.005
Zn2062	206.200 {4	In2306	ppm	0.0303	0.0042	13.79	0.0273	0.0333

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.091	0.0489	0.07876	62.057	62.126
In2306	230.606 {4	Cts/S	9488.5	27.024	0.28481	9507.6	9469.4
Y_2243	224.306 {4	Cts/S	12482	41.408	0.33173	12512	12453
Y_3600	360.073 { 9	Cts/S	47218	17.323	0.03669	47230	47205
Y_3710	371.030 { 9	Cts/S	8415.7	26.698	0.31724	8396.8	8434.6

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	73.08	-0.0001	-0.0004
Al3082	308.215 {1	In2306	ppm	0.4085	0.0161	3.947	0.4199	0.3971
As1890	189.042 {4	Y_2243	ppm	0.0067	0.0011	16.52	0.0075	0.006
B_2496	249.678 {1	Y_3710	ppm	0.1382	0.0104	7.547	0.1308	0.1456
Ba4554	455.403 { 7	Y_3710	ppm	0.1673	0.0007	0.4329	0.1668	0.1678
Be3130	313.042 {1	Y_3710	ppm	-0.0005	0.0001	10.79	-0.0005	-0.0006
Ca3158	315.887 {1	In2306	ppm	51.01	0.1066	0.2089	50.94	51.09
Ca3181	318.128 {1	In2306	ppm	51.03	0.143	0.2803	50.93	51.13
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	129.8	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0001	22.31	0.0006	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0	1.552	0.0016	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0059	0.0001	1.115	0.0058	0.0059

Fe2404	240.488 {1	In2306	ppm	0.3722	0.0057	1.544	0.3762	0.3681
K_7664	766.490 { 4	Y_3710	ppm	9.028	0.051	0.5654	8.992	9.064
K_7698	769.896 { 4	Y_3710	ppm	8.982	0.033	0.3678	8.959	9.005
Li6707	670.784 { 5	Y_3710	ppm	0.0142	0.0001	0.6407	0.0142	0.0141
Mg2790	279.079 {1	Y_3710	ppm	8.434	0.0291	0.3453	8.414	8.455
Mn2576	257.610 {1	Y_3600	ppm	0.0543	0.0004	0.799	0.0546	0.054
Mn2576-2	257.610 {1	Y_3710	ppm	0.054	0.001	1.816	0.0533	0.0547
Mo2020	202.030 {4	Y_2243	ppm	0.148	0.0004	0.2632	0.1483	0.1477
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	59.15
Na8183	818.326 { 4	Y_3710	ppm	59.33	0.1581	0.2665	59.21	59.44
Ni2316	231.604 {4	In2306	ppm	0.1845	0.0011	0.5746	0.1852	0.1837
P_1782	178.284 {4	In2306	ppm	0.0949	0.0005	0.5462	0.0945	0.0952
Pb2203	220.353 {4	In2306	ppm	0.0014	0.0007	47.35	0.0019	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1818	1.846	0.1015	-1819	-1817
Sb2068	206.833 {4	Y_2243	ppm	0.0047	0.001	20.95	0.0054	0.004
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0004	51.56	0.0005	0.0011
Si2516	251.611 {1	Y_3710	ppm	2.374	0.0156	0.6568	2.363	2.385
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0005	108.2	-0.0001	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.4138	0.0002	0.0518	0.414	0.4137
Ti3349	334.904 {1	Y_3600	ppm	0.0059	0.0007	11.4	0.0063	0.0054
Tl1908	190.856 {4	In2306	ppm	-0.0016	0.0009	54.74	-0.0022	-0.001
V_2924	292.402 {1	Y_3600	ppm	8.386	0.0149	0.1772	8.397	8.376
Zn2062	206.200 {4	In2306	ppm	0.0623	0.0004	0.6153	0.0621	0.0626

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.524	0.38546	0.62652	61.797	61.251
In2306	230.606 {4	Cts/S	9005.8	11.528	0.128	8997.7	9014
Y_2243	224.306 {4	Cts/S	12010	26.852	0.22358	11991	12029
Y_3600	360.073 { 9	Cts/S	47696	139.01	0.29146	47794	47597
Y_3710	371.030 { 9	Cts/S	8544	2.5927	0.03035	8545.8	8542.2

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0007	384.9	0.0003	-0.0007
Al3082	308.215 {1	In2306	ppm	-0.0091	0.0157	171.8	-0.0202	0.002
As1890	189.042 {4	Y_2243	ppm	-0.0015	0.001	65.27	-0.0022	-0.0008
B_2496	249.678 {1	Y_3710	ppm	-0.0025	0.0062	252.9	0.0019	-0.0068
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	10.25	0.0008	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	496.9	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.4622	0.0028	0.6158	0.4602	0.4642
Ca3181	318.128 {1	In2306	ppm	0.5128	0.0255	4.978	0.5309	0.4948
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	28.45	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	690.8	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0.0008	74.21	0.0017	0.0005

Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0003	23.35	-0.0013	-0.0009
Fe2404	240.488 {1	In2306	ppm	0.0228	0.0001	0.5514	0.0229	0.0227
K_7664	766.490 { 4	Y_3710	ppm	0.0492	0.0032	6.526	0.0469	0.0514
K_7698	769.896 { 4	Y_3710	ppm	-0.2085	0.0045	2.159	-0.2053	-0.2117
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	34.53	0.0006	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0238	0.0178	74.69	0.0363	0.0112
Mn2576	257.610 {1	Y_3600	ppm	0.0026	0.0001	4.517	0.0027	0.0025
Mn2576-2	257.610 {1	Y_3710	ppm	0.0019	0.0006	29.55	0.0023	0.0015
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0023	93.35	0.0008	0.0041
Na5895	589.592 { 5	Y_3710	ppm	0.0776	0.0003	0.3919	0.0778	0.0774
Na8183	818.326 { 4	Y_3710	ppm	-0.0286	0.0642	224.6	0.0168	-0.074
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0027	76.03	0.0017	0.0055
P_1782	178.284 {4	In2306	ppm	0.003	0.0013	42.84	0.0021	0.0039
Pb2203	220.353 {4	In2306	ppm	0.0016	0.0007	44.96	0.0021	0.0011
S_1820	182.034 {4	Y_2243	ppm	-17.07	19.56	114.6	-3.241	-30.9
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0005	31.39	0.0019	0.0012
Se1960	196.090 {4	Y_2243	ppm	0	0.0009	4116	-0.0006	0.0006
Si2516	251.611 {1	Y_3710	ppm	0.0457	0.0121	26.46	0.0543	0.0372
Sn1899	189.989 {4	In2306	ppm	0.0075	0.0007	9.817	0.008	0.007
Sr4215	421.552 { 8	Y_3710	ppm	0.002	0	1.986	0.0019	0.002
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0006	108.6	0.001	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0008	97.7	0.0013	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0004	125.7	0	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0036	0.0007	19.97	0.0031	0.0041

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.839	0.3283	0.52244	63.071	62.607
In2306	230.606 {4	Cts/S	10105	31.023	0.30701	10127	10083
Y_2243	224.306 {4	Cts/S	12720	11.931	0.0938	12728	12712
Y_3600	360.073 { 9	Cts/S	45535	377.32	0.82864	45269	45802
Y_3710	371.030 { 9	Cts/S	8613.7	35.179	0.4084	8638.6	8588.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	130.8	0	0.0007
Al3082	308.215 {1	In2306	ppm	2.654	0.0165	0.6231	2.665	2.642
As1890	189.042 {4	Y_2243	ppm	0.0008	0.001	122.8	0.0015	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0255	0.0158	62.08	0.0366	0.0143
Ba4554	455.403 { 7	Y_3710	ppm	0.0586	0.0001	0.1636	0.0585	0.0586
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0002	99.37	0.0003	0
Ca3158	315.887 {1	In2306	ppm	66.16	1.163	1.757	66.98	65.33
Ca3181	318.128 {1	In2306	ppm	66.2	0.8058	1.217	66.77	65.63
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	17.37	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.0011	0.0001	6.56	0.0012	0.0011

Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0001	0.579	0.01	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.0102	0.0005	5.249	0.0105	0.0098
Fe2404	240.488 {1	In2306	ppm	2.594	0.0615	2.373	2.637	2.55
K_7664	766.490 { 4	Y_3710	ppm	12.65	0.0328	0.2591	12.63	12.68
K_7698	769.896 { 4	Y_3710	ppm	12.77	0.0259	0.2028	12.79	12.75
Li6707	670.784 { 5	Y_3710	ppm	0.0054	0	0.1627	0.0054	0.0054
Mg2790	279.079 {1	Y_3710	ppm	6.979	0.0073	0.1041	6.984	6.974
Mn2576	257.610 {1	Y_3600	ppm	0.1404	0.0002	0.1208	0.1406	0.1403
Mn2576-2	257.610 {1	Y_3710	ppm	0.1355	0.0011	0.7813	0.1363	0.1348
Mo2020	202.030 {4	Y_2243	ppm	0.0032	0.0001	1.771	0.0032	0.0031
Na5895	589.592 { 5	Y_3710	ppm	39.26	0.1386	0.3531	39.16	39.36
Na8183	818.326 { 4	Y_3710	ppm	37.69	0.0041	0.011	37.68	37.69
Ni2316	231.604 {4	In2306	ppm	0.0051	0.0001	2.718	0.005	0.0052
P_1782	178.284 {4	In2306	ppm	3.612	0.0227	0.6277	3.628	3.596
Pb2203	220.353 {4	In2306	ppm	0.0048	0.0006	12.83	0.0052	0.0043
S_1820	182.034 {4	Y_2243	ppm	-262.5	0.9698	0.3694	-263.2	-261.8
Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.0023	123.3	0.0002	0.0035
Se1960	196.090 {4	Y_2243	ppm	-0.0008	0.0007	86.12	-0.0013	-0.0003
Si2516	251.611 {1	Y_3710	ppm	7.683	0.0361	0.4696	7.708	7.657
Sn1899	189.989 {4	In2306	ppm	0.0011	0.0002	16.72	0.0009	0.0012
Sr4215	421.552 { 8	Y_3710	ppm	0.1564	0.0002	0.1261	0.1563	0.1565
Ti3349	334.904 {1	Y_3600	ppm	0.0331	0.0001	0.2491	0.0331	0.033
Tl1908	190.856 {4	In2306	ppm	0.002	0.0009	44.25	0.0026	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0147	0.0002	1.042	0.0146	0.0148
Zn2062	206.200 {4	In2306	ppm	0.1182	0.0001	0.1004	0.1183	0.1181

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.457	0.8178	1.3307	60.879	62.036
In2306	230.606 {4	Cts/S	9025.4	0.24649	0.00273	9025.2	9025.5
Y_2243	224.306 {4	Cts/S	12166	29.488	0.24237	12146	12187
Y_3600	360.073 { 9	Cts/S	47250	99.884	0.21139	47179	47321
Y_3710	371.030 { 9	Cts/S	8315.1	1.1428	0.01374	8315.9	8314.3

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	148.3	-0.0004	0
Al3082	308.215 {1	In2306	ppm	0.0368	0.0579	157.4	-0.0042	0.0777
As1890	189.042 {4	Y_2243	ppm	0	0.0001	514.6	-0.0001	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0191	0.0053	27.65	0.0154	0.0228
Ba4554	455.403 { 7	Y_3710	ppm	0.0198	0.0001	0.5524	0.0198	0.0197
Be3130	313.042 {1	Y_3710	ppm	0	0	20.61	0	0
Ca3158	315.887 {1	In2306	ppm	13.99	0.3094	2.212	13.77	14.21
Ca3181	318.128 {1	In2306	ppm	14.2	0.3547	2.499	13.95	14.45
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	83.4	-0.0001	0

Co2286	228.616 {4	In2306	ppm	0.0003	0	3.865	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0003	119.2	0.0005	0
Cu3247	324.754 {1	Y_3600	ppm	0.0016	0.0005	33.92	0.0019	0.0012
Fe2404	240.488 {1	In2306	ppm	0.0301	0.0095	31.68	0.0368	0.0233
K_7664	766.490 { 4	Y_3710	ppm	8.749	0.1908	2.181	8.884	8.614
K_7698	769.896 { 4	Y_3710	ppm	8.688	0.1933	2.225	8.825	8.552
Li6707	670.784 { 5	Y_3710	ppm	0.0018	0.0002	13.19	0.002	0.0016
Mg2790	279.079 {1	Y_3710	ppm	3.319	0.0004	0.0125	3.319	3.318
Mn2576	257.610 {1	Y_3600	ppm	0.0138	0.0002	1.391	0.014	0.0137
Mn2576-2	257.610 {1	Y_3710	ppm	0.0139	0.0008	6.086	0.0133	0.0145
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0001	5.857	0.0023	0.0022
Na5895	589.592 { 5	Y_3710	ppm	27.73	0.5724	2.064	28.14	27.33
Na8183	818.326 { 4	Y_3710	ppm	26.51	0.1675	0.6316	26.63	26.39
Ni2316	231.604 {4	In2306	ppm	0.0009	0	3.885	0.0009	0.0009
P_1782	178.284 {4	In2306	ppm	2.307	0.0003	0.0111	2.307	2.307
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	44.86	0.0002	0.0004
S_1820	182.034 {4	Y_2243	ppm	-186.7	0.0016	0.0009	-186.7	-186.7
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0013	57.82	0.0032	0.0013
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0028	433.4	-0.0026	0.0013
Si2516	251.611 {1	Y_3710	ppm	1.934	0.0175	0.9071	1.922	1.947
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	55.26	-0.0002	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0658	0.0004	0.676	0.0655	0.0662
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0003	113.4	0.0004	0
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0001	5.667	0.0016	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0044	0.0002	4.79	0.0045	0.0042
Zn2062	206.200 {4	In2306	ppm	0.0132	0.0006	4.497	0.0128	0.0137

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.277	1.2493	2.0387	62.161	60.394
In2306	230.606 {4	Cts/S	9488.8	20.546	0.21653	9474.2	9503.3
Y_2243	224.306 {4	Cts/S	12418	32.842	0.26447	12395	12442
Y_3600	360.073 { 9	Cts/S	46760	144.04	0.30804	46862	46658
Y_3710	371.030 { 9	Cts/S	8490.5	15.081	0.17762	8501.1	8479.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0011	243.5	0.0012	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0503	0.0251	49.83	0.0326	0.068
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0015	1006	0.0009	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0076	0.009	118.4	-0.0012	-0.0139
Ba4554	455.403 { 7	Y_3710	ppm	0.009	0.0001	0.6465	0.0089	0.009
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	321.1	-0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	5.803	0.0387	0.667	5.83	5.775
Ca3181	318.128 {1	In2306	ppm	5.953	0.0731	1.228	6.005	5.901

Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	14.28	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0	16.12	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0	3.543	0.0004	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0001	0.0001	186.3	-0.0002	0
Fe2404	240.488 {1	In2306	ppm	0.3122	0.01	3.191	0.3051	0.3192
K_7664	766.490 { 4	Y_3710	ppm	0.7137	0.0025	0.3459	0.7155	0.712
K_7698	769.896 { 4	Y_3710	ppm	0.4546	0.007	1.545	0.4596	0.4497
Li6707	670.784 { 5	Y_3710	ppm	0.0009	0.0002	21.76	0.0011	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.1389	0.0009	0.6271	0.1382	0.1395
Mn2576	257.610 {1	Y_3600	ppm	0.0064	0	0.1381	0.0064	0.0064
Mn2576-2	257.610 {1	Y_3710	ppm	0.0061	0.0007	12.31	0.0055	0.0066
Mo2020	202.030 {4	Y_2243	ppm	0.0014	0.0002	17.15	0.0016	0.0013
Na5895	589.592 { 5	Y_3710	ppm	0.821	0.0007	0.0881	0.8205	0.8215
Na8183	818.326 { 4	Y_3710	ppm	0.9201	0.0436	4.743	0.951	0.8893
Ni2316	231.604 {4	In2306	ppm	0.0032	0.0001	3.272	0.0032	0.0033
P_1782	178.284 {4	In2306	ppm	0.0593	0.0432	72.73	0.0288	0.0899
Pb2203	220.353 {4	In2306	ppm	0.0007	0	4.874	0.0007	0.0007
S_1820	182.034 {4	Y_2243	ppm	-23.53	2.591	11.01	-21.7	-25.36
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0003	13.5	0.0021	0.0025
Se1960	196.090 {4	Y_2243	ppm	-0.0001	0.0008	767.4	0.0004	-0.0006
Si2516	251.611 {1	Y_3710	ppm	0.3857	0.0024	0.6263	0.384	0.3874
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	10.4	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0179	0.0001	0.3679	0.0179	0.0178
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0.0008	31.02	0.003	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0011	0.0001	8.898	0.001	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0.0003	68.3	-0.0005	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0297	0.0005	1.645	0.03	0.0293

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.142	0.02305	0.03709	62.158	62.125
In2306	230.606 {4	Cts/S	10031	23.448	0.23376	10048	10015
Y_2243	224.306 {4	Cts/S	12746	28.117	0.22059	12766	12726
Y_3600	360.073 { 9	Cts/S	45704	49.034	0.10729	45669	45739
Y_3710	371.030 { 9	Cts/S	8614.1	35.964	0.4175	8639.5	8588.6

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:34:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0004	179.9	-0.0005	0.0001
Al3082	308.215 {1	In2306	ppm	0.1225	0.01	8.152	0.1155	0.1296
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0003	25.19	0.001	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0219	0.0007	3.066	0.0215	0.0224
Ba4554	455.403 { 7	Y_3710	ppm	0.0138	0	0.13	0.0138	0.0137
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	8.435	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	11.53	0.0307	0.2663	11.55	11.5

Ca3181	318.128 {1	In2306	ppm	11.74	0.0972	0.8278	11.81	11.67
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	33.11	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	28.53	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0003	25.64	0.001	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.0039	0.0004	9.58	0.0042	0.0036
Fe2404	240.488 {1	In2306	ppm	0.2736	0.0195	7.12	0.2874	0.2599
K_7664	766.490 { 4	Y_3710	ppm	4.674	0.0701	1.501	4.624	4.723
K_7698	769.896 { 4	Y_3710	ppm	4.469	0.0371	0.8302	4.443	4.495
Li6707	670.784 { 5	Y_3710	ppm	0.0034	0.0002	4.372	0.0035	0.0033
Mg2790	279.079 {1	Y_3710	ppm	0.3749	0.005	1.332	0.3713	0.3784
Mn2576	257.610 {1	Y_3600	ppm	0.0077	0.0002	2.544	0.0078	0.0075
Mn2576-2	257.610 {1	Y_3710	ppm	0.0064	0	0.6207	0.0064	0.0064
Mo2020	202.030 {4	Y_2243	ppm	0.0037	0.0001	1.869	0.0037	0.0036
Na5895	589.592 { 5	Y_3710	ppm	4.452	0.0859	1.93	4.392	4.513
Na8183	818.326 { 4	Y_3710	ppm	4.197	0.046	1.096	4.164	4.229
Ni2316	231.604 {4	In2306	ppm	0.0017	0.0002	10.29	0.0016	0.0018
P_1782	178.284 {4	In2306	ppm	0.0327	0.0039	11.95	0.0299	0.0355
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0006	91.09	0.0011	0.0002
S_1820	182.034 {4	Y_2243	ppm	-76.43	1.268	1.659	-77.32	-75.53
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.0004	56.43	0.001	0.0004
Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0004	38.7	-0.0007	-0.0012
Si2516	251.611 {1	Y_3710	ppm	1.036	0.0049	0.4698	1.039	1.032
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	208.4	0	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0452	0.0002	0.3408	0.045	0.0453
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0004	39.4	0.0012	0.0007
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0004	94.4	-0.0008	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0012	0.0002	14.87	0.0013	0.0011
Zn2062	206.200 {4	In2306	ppm	0.0651	0.0006	0.8911	0.0655	0.0647

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.632	0.09325	0.1538	60.698	60.566
In2306	230.606 {4	Cts/S	9822	34.504	0.35129	9797.6	9846.4
Y_2243	224.306 {4	Cts/S	12517	75.953	0.60681	12463	12570
Y_3600	360.073 { 9	Cts/S	46011	74.499	0.16192	45958	46064
Y_3710	371.030 { 9	Cts/S	8437.8	3.7361	0.04428	8435.2	8440.4

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	43.94	0.0004	0.0002
Al3082	308.215 {1	In2306	ppm	0.2015	0.002	0.9836	0.2029	0.2001
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0002	31.22	0.0006	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.8464	0.018	2.132	0.8336	0.8591
Ba4554	455.403 { 7	Y_3710	ppm	0.0465	0.0004	0.9102	0.0468	0.0462
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	517	0.0001	0

Ca3158	315.887 {1	In2306	ppm	146.8	2.058	1.402	145.3	148.2
Ca3181	318.128 {1	In2306	ppm	148.7	1.979	1.331	147.3	150.1
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	29.59	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0011	0	2.405	0.0011	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0002	10.57	0.0021	0.0018
Cu3247	324.754 {1	Y_3600	ppm	0.0008	0.0006	71.83	0.0004	0.0012
Fe2404	240.488 {1	In2306	ppm	0.1547	0.0146	9.429	0.1444	0.165
K_7664	766.490 { 4	Y_3710	ppm	1.892	0.0128	0.6746	1.883	1.901
K_7698	769.896 { 4	Y_3710	ppm	1.679	0.0204	1.215	1.694	1.665
Li6707	670.784 { 5	Y_3710	ppm	0.0272	0.0001	0.4279	0.0272	0.0271
Mg2790	279.079 {1	Y_3710	ppm	192.1	0.1369	0.0713	192.2	192
Mn2576	257.610 {1	Y_3600	ppm	0.9304	0.0052	0.5637	0.9341	0.9267
Mn2576-2	257.610 {1	Y_3710	ppm	0.9818	0.0038	0.3821	0.9792	0.9845
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0.0002	18.09	0.0011	0.0015
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2175	2.594	0.1193	2177	2173
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0004	11.97	0.004	0.0033
P_1782	178.284 {4	In2306	ppm	0.2841	0.0017	0.6008	0.2829	0.2853
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0017	1167	0.0011	-0.0014
S_1820	182.034 {4	Y_2243	ppm	-5850	39.65	0.6779	-5878	-5822
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0014	151.3	0.0019	-0.0001
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0012	57.39	0.0029	0.0012
Si2516	251.611 {1	Y_3710	ppm	9.082	0.0658	0.7244	9.036	9.129
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0007	203.5	0.0002	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	1.905	0.0025	0.1315	1.903	1.906
Ti3349	334.904 {1	Y_3600	ppm	0.0042	0.0001	1.761	0.0043	0.0042
Tl1908	190.856 {4	In2306	ppm	-0.0034	0.0005	15.21	-0.0038	-0.003
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0004	55.45	0.001	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0061	0.0003	4.914	0.0059	0.0063

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.487	0.79654	1.4355	56.05	54.924
In2306	230.606 {4	Cts/S	6482.3	7.5455	0.1164	6477	6487.7
Y_2243	224.306 {4	Cts/S	9684.6	15.669	0.16179	9673.5	9695.6
Y_3600	360.073 { 9	Cts/S	48388	85.014	0.17569	48448	48328
Y_3710	371.030 { 9	Cts/S	7831	12.107	0.15461	7839.6	7822.5

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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2439	0.0002	0.0885	0.244	0.2437
Al3082	308.215 {1	In2306	ppm	2.383	0.0506	2.124	2.347	2.418
As1890	189.042 {4	Y_2243	ppm	0.4744	0.0037	0.7707	0.477	0.4718
B_2496	249.678 {1	Y_3710	ppm	0.4867	0.0062	1.267	0.4823	0.491
Ba4554	455.403 { 7	Y_3710	ppm	0.483	0.0008	0.1741	0.4836	0.4825

Be3130	313.042 {1	Y_3710	ppm	0.4928	0.0009	0.1867	0.4934	0.4921
Ca3158	315.887 {1	In2306	ppm	11.71	0.1816	1.551	11.58	11.84
Ca3181	318.128 {1	In2306	ppm	11.89	0.1774	1.492	11.76	12.01
Cd2288	228.802 {4	Y_2243	ppm	0.4781	0.0044	0.9127	0.4812	0.475
Co2286	228.616 {4	In2306	ppm	0.4875	0.0054	1.114	0.4913	0.4836
Cr2677	267.716 {1	Y_3600	ppm	0.4977	0.0045	0.9078	0.5009	0.4945
Cu3247	324.754 {1	Y_3600	ppm	0.4844	0.0011	0.2361	0.4836	0.4852
Fe2404	240.488 {1	In2306	ppm	2.336	0.0816	3.491	2.278	2.394
K_7664	766.490 { 4	Y_3710	ppm	13.07	0.0446	0.3411	13.11	13.04
K_7698	769.896 { 4	Y_3710	ppm	13.17	0.0215	0.1636	13.15	13.18
Li6707	670.784 { 5	Y_3710	ppm	0.5133	0.0014	0.263	0.5142	0.5123
Mg2790	279.079 {1	Y_3710	ppm	4.92	0.0673	1.368	4.967	4.872
Mn2576	257.610 {1	Y_3600	ppm	0.4866	0.0004	0.0792	0.4869	0.4864
Mn2576-2	257.610 {1	Y_3710	ppm	0.4654	0.0023	0.5005	0.467	0.4637
Mo2020	202.030 {4	Y_2243	ppm	0.4768	0.0064	1.337	0.4813	0.4723
Na5895	589.592 { 5	Y_3710	ppm	13.23	0.1118	0.8452	13.31	13.15
Na8183	818.326 { 4	Y_3710	ppm	12.83	0.128	0.9974	12.93	12.74
Ni2316	231.604 {4	In2306	ppm	0.4739	0.0059	1.238	0.4781	0.4698
P_1782	178.284 {4	In2306	ppm	0.0047	0.0009	18.4	0.0041	0.0053
Pb2203	220.353 {4	In2306	ppm	0.4784	0.0076	1.59	0.4838	0.473
S_1820	182.034 {4	Y_2243	ppm	-66.89	30.63	45.8	-45.23	-88.55
Sb2068	206.833 {4	Y_2243	ppm	0.4632	0.0048	1.027	0.4666	0.4598
Se1960	196.090 {4	Y_2243	ppm	0.4781	0.0021	0.4452	0.4796	0.4766
Si2516	251.611 {1	Y_3710	ppm	0.8207	0.016	1.948	0.832	0.8094
Sn1899	189.989 {4	In2306	ppm	0.4961	0.0075	1.522	0.5014	0.4907
Sr4215	421.552 { 8	Y_3710	ppm	0.2439	0.0001	0.0284	0.244	0.2439
Ti3349	334.904 {1	Y_3600	ppm	0.5072	0.0004	0.0864	0.5075	0.5068
Tl1908	190.856 {4	In2306	ppm	0.48	0.0168	3.501	0.4919	0.4681
V_2924	292.402 {1	Y_3600	ppm	0.5051	0.0002	0.0315	0.5052	0.505
Zn2062	206.200 {4	In2306	ppm	0.485	0.006	1.227	0.4892	0.4808

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.79	1.105	1.7323	64.571	63.009
In2306	230.606 {4	Cts/S	9504	116.06	1.2211	9586.1	9421.9
Y_2243	224.306 {4	Cts/S	12601	111.42	0.88421	12679	12522
Y_3600	360.073 { 9	Cts/S	47156	26.488	0.05617	47175	47137
Y_3710	371.030 { 9	Cts/S	8529.7	17.222	0.2019	8517.5	8541.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0001	1.375	0.0047	0.0046
Al3082	308.215 {1	In2306	ppm	0.0657	0.0117	17.74	0.074	0.0575
As1890	189.042 {4	Y_2243	ppm	0.0092	0.0001	0.9143	0.0093	0.0091
B_2496	249.678 {1	Y_3710	ppm	0.0061	0.0043	70.44	0.0031	0.0092

Ba4554	455.403 { 7	Y_3710	ppm	0.0095	0.0001	0.5619	0.0094	0.0095
Be3130	313.042 {1	Y_3710	ppm	0.0046	0.0001	3.157	0.0047	0.0045
Ca3158	315.887 {1	In2306	ppm	0.0925	0.0028	3.049	0.0905	0.0945
Ca3181	318.128 {1	In2306	ppm	0.2579	0.0492	19.07	0.2927	0.2231
Cd2288	228.802 {4	Y_2243	ppm	0.005	0.0005	9.387	0.0047	0.0054
Co2286	228.616 {4	In2306	ppm	0.01	0.0004	3.754	0.0098	0.0103
Cr2677	267.716 {1	Y_3600	ppm	0.0095	0	0.2282	0.0095	0.0095
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0003	3.536	0.0084	0.0088
Fe2404	240.488 {1	In2306	ppm	0.0897	0.0182	20.23	0.1026	0.0769
K_7664	766.490 { 4	Y_3710	ppm	0.6231	0.0233	3.731	0.6396	0.6067
K_7698	769.896 { 4	Y_3710	ppm	0.3371	0.0415	12.32	0.3664	0.3077
Li6707	670.784 { 5	Y_3710	ppm	0.0095	0.0001	1.209	0.0095	0.0094
Mg2790	279.079 {1	Y_3710	ppm	0.0793	0.0242	30.5	0.0622	0.0963
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0	0.3287	0.0101	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0104	0.0026	24.59	0.0086	0.0122
Mo2020	202.030 {4	Y_2243	ppm	0.011	0.0007	6.04	0.0105	0.0114
Na5895	589.592 { 5	Y_3710	ppm	0.7561	0.0127	1.683	0.7651	0.7471
Na8183	818.326 { 4	Y_3710	ppm	0.6254	0.0913	14.6	0.6899	0.5608
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0007	7.108	0.0096	0.0106
P_1782	178.284 {4	In2306	ppm	0.0122	0.0001	0.918	0.0123	0.0121
Pb2203	220.353 {4	In2306	ppm	0.0106	0.0006	5.839	0.0102	0.011
S_1820	182.034 {4	Y_2243	ppm	-0.5811	0.03	5.156	-0.5599	-0.6023
Sb2068	206.833 {4	Y_2243	ppm	0.0156	0.0005	3.186	0.0153	0.016
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0002	2.33	0.0099	0.0095
Si2516	251.611 {1	Y_3710	ppm	-0.0075	0.0032	42.92	-0.0098	-0.0052
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0005	4.807	0.0098	0.0104
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0003	5.456	0.0049	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0097	0.0002	1.895	0.0098	0.0096
Tl1908	190.856 {4	In2306	ppm	0.0123	0.0015	11.81	0.0113	0.0133
V_2924	292.402 {1	Y_3600	ppm	0.0101	0.0004	4.069	0.0104	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0088	0.0005	5.525	0.0085	0.0092

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.937	1.4889	2.3657	61.884	63.99
In2306	230.606 {4	Cts/S	10197	15.848	0.15541	10208	10186
Y_2243	224.306 {4	Cts/S	12903	20.083	0.15565	12917	12889
Y_3600	360.073 { 9	Cts/S	46429	23.658	0.05095	46446	46413
Y_3710	371.030 { 9	Cts/S	8757.5	67.448	0.77018	8709.8	8805.2

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Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0	4.327	0.0004	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0399	0.031	77.73	-0.0618	-0.018
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0009	136.1	0	0.0013

B_2496	249.678 {1	Y_3710	ppm	0.0016	0.0003	18.83	0.0014	0.0018
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0	54.81	0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0002	75.76	-0.0003	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0084	0.0063	75.08	-0.0129	-0.0039
Ca3181	318.128 {1	In2306	ppm	0.1019	0.0407	39.92	0.0731	0.1307
Cd2288	228.802 {4	Y_2243	ppm	0	0.0002	424.4	-0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	81.59	0.0001	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	47.09	0.0003	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	3.407	-0.0016	-0.0015
Fe2404	240.488 {1	In2306	ppm	-0.004	0.0019	47.75	-0.0026	-0.0053
K_7664	766.490 { 4	Y_3710	ppm	0.0254	0.0019	7.4	0.0267	0.024
K_7698	769.896 { 4	Y_3710	ppm	-0.0302	0.0012	4.087	-0.0311	-0.0293
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0	4.953	0.0003	0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0217	0.0086	39.58	-0.0278	-0.0157
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	14.91	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0006	0.0006	90.98	-0.0002	-0.001
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0003	63.01	0.0002	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.0726	0.0049	6.79	0.0761	0.0691
Na8183	818.326 { 4	Y_3710	ppm	0.1754	0.0566	32.27	0.1354	0.2154
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	92.49	0	0.0002
P_1782	178.284 {4	In2306	ppm	0.0008	0.0007	85.77	0.0012	0.0003
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0004	127.9	0	0.0006
S_1820	182.034 {4	Y_2243	ppm	-0.9523	0.1762	18.5	-0.8277	-1.077
Sb2068	206.833 {4	Y_2243	ppm	0.0046	0.0009	19	0.004	0.0052
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0002	14.77	-0.0012	-0.0015
Si2516	251.611 {1	Y_3710	ppm	-0.0074	0.0211	283.4	-0.0224	0.0075
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0002	397.6	-0.0001	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	44.41	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0002	29.27	-0.0007	-0.0005
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0003	47.83	0.0009	0.0004
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0001	81.82	-0.0002	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0002	75.3	0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.16	0.11998	0.19943	60.245	60.076
In2306	230.606 {4	Cts/S	10174	18.284	0.17972	10187	10161
Y_2243	224.306 {4	Cts/S	12894	36.113	0.28007	12920	12869
Y_3600	360.073 { 9	Cts/S	45323	30.69	0.06771	45301	45344
Y_3710	371.030 { 9	Cts/S	8423.6	81.736	0.97032	8365.8	8481.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:47:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	21.06	0.0004	0.0005
Al3082	308.215 {1	In2306	ppm	0.2448	0.0081	3.317	0.239	0.2505

As1890	189.042 {4	Y_2243	ppm	0.0003	0.0012	407.8	0.0011	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.8167	0.0219	2.678	0.8013	0.8322
Ba4554	455.403 { 7	Y_3710	ppm	0.0433	0.0001	0.2061	0.0433	0.0432
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	33.76	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	150.8	1.044	0.6923	151.5	150
Ca3181	318.128 {1	In2306	ppm	153	0.9585	0.6265	153.7	152.3
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	16.24	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.001	0.0002	19.04	0.0008	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0007	36.01	0.0015	0.0026
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	11.54	-0.0022	-0.0019
Fe2404	240.488 {1	In2306	ppm	0.1552	0.0178	11.49	0.1678	0.1426
K_7664	766.490 { 4	Y_3710	ppm	1.74	0.0348	1.998	1.716	1.765
K_7698	769.896 { 4	Y_3710	ppm	1.547	0.0579	3.745	1.506	1.588
Li6707	670.784 { 5	Y_3710	ppm	0.025	0.001	3.87	0.0243	0.0257
Mg2790	279.079 {1	Y_3710	ppm	194.8	0.3015	0.1548	195	194.5
Mn2576	257.610 {1	Y_3600	ppm	0.9318	0.0039	0.4154	0.9291	0.9345
Mn2576-2	257.610 {1	Y_3710	ppm	0.9856	0.0014	0.1423	0.9866	0.9846
Mo2020	202.030 {4	Y_2243	ppm	0.0016	0.0002	15.39	0.0014	0.0017
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2071	26.13	1.262	2053	2090
Ni2316	231.604 {4	In2306	ppm	0.0034	0	0.8725	0.0033	0.0034
P_1782	178.284 {4	In2306	ppm	0.2906	0.0001	0.0201	0.2905	0.2906
Pb2203	220.353 {4	In2306	ppm	-0.0001	0	28.24	-0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-5719	19.33	0.338	-5732	-5705
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0014	225.7	0.0016	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0002	18.54	0.001	0.0013
Si2516	251.611 {1	Y_3710	ppm	8.838	0.0887	1.004	8.775	8.9
Sn1899	189.989 {4	In2306	ppm	0.0004	0	2.386	0.0004	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	1.86	0.0128	0.6871	1.851	1.869
Ti3349	334.904 {1	Y_3600	ppm	0.0044	0.0014	32.82	0.0054	0.0034
Tl1908	190.856 {4	In2306	ppm	-0.0028	0.0007	23.56	-0.0033	-0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	22.26	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0046	0.0001	1.882	0.0046	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.343	0.1653	0.29338	56.46	56.226
In2306	230.606 {4	Cts/S	6615.9	9.8627	0.14907	6622.9	6609
Y_2243	224.306 {4	Cts/S	10002	16.122	0.16119	10013	9990.6
Y_3600	360.073 { 9	Cts/S	48716	68.765	0.14115	48765	48667
Y_3710	371.030 { 9	Cts/S	7965	38.957	0.4891	7992.5	7937.4

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Custom ID3=
Run Time=1/25/2012 9:50:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5592	0.0018	0.3304	0.5605	0.5579

Al3082	308.215 {1	In2306	ppm	11.51	0.0964	0.8375	11.58	11.44
As1890	189.042 {4	Y_2243	ppm	1.084	0.001	0.0938	1.083	1.084
B_2496	249.678 {1	Y_3710	ppm	1.881	0.0003	0.0181	1.881	1.88
Ba4554	455.403 { 7	Y_3710	ppm	0.9899	0.0018	0.1815	0.9886	0.9911
Be3130	313.042 {1	Y_3710	ppm	0.4819	0.0004	0.0902	0.4822	0.4816
Ca3158	315.887 {1	In2306	ppm	161.5	0.0221	0.0137	161.5	161.5
Ca3181	318.128 {1	In2306	ppm	164.9	0.0065	0.004	164.9	164.9
Cd2288	228.802 {4	Y_2243	ppm	0.5557	0.003	0.543	0.5578	0.5536
Co2286	228.616 {4	In2306	ppm	1.03	0.006	0.5859	1.034	1.025
Cr2677	267.716 {1	Y_3600	ppm	0.9131	0.0041	0.4438	0.916	0.9102
Cu3247	324.754 {1	Y_3600	ppm	1.141	0.0016	0.1429	1.142	1.14
Fe2404	240.488 {1	In2306	ppm	10.46	0.0967	0.9246	10.53	10.39
K_7664	766.490 { 4	Y_3710	ppm	12.48	0.0389	0.3117	12.51	12.45
K_7698	769.896 { 4	Y_3710	ppm	12.86	0.0749	0.5821	12.92	12.81
Li6707	670.784 { 5	Y_3710	ppm	0.4906	0.0014	0.2821	0.4916	0.4896
Mg2790	279.079 {1	Y_3710	ppm	205.2	0.7448	0.3629	204.7	205.8
Mn2576	257.610 {1	Y_3600	ppm	1.836	0.0053	0.2894	1.84	1.832
Mn2576-2	257.610 {1	Y_3710	ppm	1.919	0.0092	0.4819	1.926	1.912
Mo2020	202.030 {4	Y_2243	ppm	0.9176	0.0094	1.025	0.9242	0.9109
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2160	0.0936	0.0043	2160	2160
Ni2316	231.604 {4	In2306	ppm	0.9876	0.0052	0.5268	0.9913	0.984
P_1782	178.284 {4	In2306	ppm	0.2805	0.0014	0.4971	0.2795	0.2815
Pb2203	220.353 {4	In2306	ppm	0.9636	0.0072	0.7458	0.9687	0.9585
S_1820	182.034 {4	Y_2243	ppm	-5755	13.21	0.2295	-5764	-5745
Sb2068	206.833 {4	Y_2243	ppm	1.037	0.0064	0.6204	1.041	1.032
Se1960	196.090 {4	Y_2243	ppm	1.092	0.002	0.1813	1.093	1.09
Si2516	251.611 {1	Y_3710	ppm	10.17	0.0585	0.5751	10.21	10.13
Sn1899	189.989 {4	In2306	ppm	1.053	0.0069	0.653	1.058	1.048
Sr4215	421.552 { 8	Y_3710	ppm	2.36	0.0016	0.0671	2.359	2.361
Ti3349	334.904 {1	Y_3600	ppm	0.989	0.0073	0.7333	0.9942	0.9839
Tl1908	190.856 {4	In2306	ppm	0.9199	0.0148	1.604	0.9303	0.9094
V_2924	292.402 {1	Y_3600	ppm	0.9802	0.0028	0.2842	0.9822	0.9782
Zn2062	206.200 {4	In2306	ppm	1.084	0.0087	0.8043	1.09	1.077

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.284	0.24772	0.45633	54.109	54.459
In2306	230.606 {4	Cts/S	6493.8	20.065	0.30898	6508	6479.7
Y_2243	224.306 {4	Cts/S	9932.7	29.618	0.29819	9953.7	9911.8
Y_3600	360.073 { 9	Cts/S	47795	307.04	0.6424	47578	48012
Y_3710	371.030 { 9	Cts/S	7809.8	10.823	0.13858	7802.1	7817.4

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.5619	0.0003	0.0601	0.5621	0.5616
Al3082	308.215 {1	In2306	ppm	11.31	0.2099	1.856	11.16	11.45
As1890	189.042 {4	Y_2243	ppm	1.088	0.0009	0.0805	1.089	1.088
B_2496	249.678 {1	Y_3710	ppm	1.897	0.0108	0.5683	1.904	1.889
Ba4554	455.403 { 7	Y_3710	ppm	0.9995	0.0054	0.5417	1.003	0.9957
Be3130	313.042 {1	Y_3710	ppm	0.49	0.0028	0.5703	0.488	0.492
Ca3158	315.887 {1	In2306	ppm	161.8	2.907	1.797	159.7	163.8
Ca3181	318.128 {1	In2306	ppm	164.6	3.283	1.995	162.3	166.9
Cd2288	228.802 {4	Y_2243	ppm	0.5639	0.0004	0.0621	0.5641	0.5636
Co2286	228.616 {4	In2306	ppm	1.044	0.0037	0.3566	1.046	1.041
Cr2677	267.716 {1	Y_3600	ppm	0.9337	0.0029	0.3089	0.9316	0.9357
Cu3247	324.754 {1	Y_3600	ppm	1.161	0.0001	0.0048	1.161	1.161
Fe2404	240.488 {1	In2306	ppm	10.52	0.2472	2.349	10.35	10.7
K_7664	766.490 { 4	Y_3710	ppm	12.49	0.1209	0.9683	12.57	12.4
K_7698	769.896 { 4	Y_3710	ppm	12.8	0.1184	0.9257	12.88	12.71
Li6707	670.784 { 5	Y_3710	ppm	0.486	0.0074	1.515	0.4912	0.4808
Mg2790	279.079 {1	Y_3710	ppm	209	1.814	0.8681	207.7	210.3
Mn2576	257.610 {1	Y_3600	ppm	1.859	0.0054	0.2922	1.863	1.855
Mn2576-2	257.610 {1	Y_3710	ppm	1.961	0.0067	0.3392	1.956	1.965
Mo2020	202.030 {4	Y_2243	ppm	0.9252	0.0026	0.2834	0.9271	0.9234
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2163	16.39	0.7577	2174	2151
Ni2316	231.604 {4	In2306	ppm	0.9931	0.0014	0.1431	0.9921	0.9941
P_1782	178.284 {4	In2306	ppm	0.2855	0.0003	0.1023	0.2857	0.2853
Pb2203	220.353 {4	In2306	ppm	0.9712	0.0005	0.0488	0.9715	0.9708
S_1820	182.034 {4	Y_2243	ppm	-5750	3.089	0.0537	-5752	-5748
Sb2068	206.833 {4	Y_2243	ppm	1.061	0.0004	0.0331	1.061	1.061
Se1960	196.090 {4	Y_2243	ppm	1.101	0.0017	0.1581	1.099	1.102
Si2516	251.611 {1	Y_3710	ppm	10.21	0.0239	0.234	10.19	10.22
Sn1899	189.989 {4	In2306	ppm	1.068	0.0068	0.6362	1.073	1.063
Sr4215	421.552 { 8	Y_3710	ppm	2.376	0.0022	0.0924	2.377	2.374
Ti3349	334.904 {1	Y_3600	ppm	1.016	0.0017	0.1664	1.015	1.017
Tl1908	190.856 {4	In2306	ppm	0.9492	0.016	1.681	0.9605	0.9379
V_2924	292.402 {1	Y_3600	ppm	1.01	0.004	0.3974	1.013	1.008
Zn2062	206.200 {4	In2306	ppm	1.099	0.0066	0.5986	1.104	1.094

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.258	0.6447	1.1667	55.714	54.802
In2306	230.606 {4	Cts/S	6476.1	7.7022	0.11893	6481.5	6470.6
Y_2243	224.306 {4	Cts/S	9939.9	29.277	0.29454	9960.6	9919.2
Y_3600	360.073 { 9	Cts/S	47504	144.18	0.30351	47605	47402
Y_3710	371.030 { 9	Cts/S	7793.5	15.07	0.19337	7804.2	7782.8

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0008	0.0005	61.08	0.0012	0.0005
Al3082	308.215	{1	In2306	ppm	0.0902	0.0765	84.76	0.0362	0.1443
As1890	189.042	{4	Y_2243	ppm	0.1219	0.0956	78.37	0.0544	0.1895
B_2496	249.678	{1	Y_3710	ppm	0.6629	0.012	1.817	0.6714	0.6544
Ba4554	455.403	{ 7	Y_3710	ppm	0.1191	0.0002	0.2095	0.1192	0.1189
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0.0001	58.12	-0.0001	-0.0002
Ca3158	315.887	{1	In2306	ppm	2319	30.98	1.336	2297	2341
Ca3181	318.128	{1	In2306	ppm	2562	32.94	1.286	2539	2585
Cd2288	228.802	{4	Y_2243	ppm	0.0654	0.0499	76.27	0.0301	0.1006
Co2286	228.616	{4	In2306	ppm	0.1059	0.0755	71.23	0.0526	0.1593
Cr2677	267.716	{1	Y_3600	ppm	0.0015	0.0013	91.06	0.0005	0.0024
Cu3247	324.754	{1	Y_3600	ppm	-0.0028	0.0001	2.928	-0.0028	-0.0029
Fe2404	240.488	{1	In2306	ppm	-0.0028	0.0107	386.1	-0.0104	0.0048
K_7664	766.490	{ 4	Y_3710	ppm	24.95	0.0465	0.1865	24.98	24.91
K_7698	769.896	{ 4	Y_3710	ppm	26.4	0.0381	0.1442	26.43	26.38
Li6707	670.784	{ 5	Y_3710	ppm	0.3568	0.0009	0.2524	0.3575	0.3562
Mg2790	279.079	{1	Y_3710	ppm	976.9	2.783	0.2849	974.9	978.9
Mn2576	257.610	{1	Y_3600	ppm	6.76	0.0259	0.3824	6.778	6.741
Mn2576-2	257.610	{1	Y_3710	ppm	7.627	0.0079	0.1035	7.621	7.633
Mo2020	202.030	{4	Y_2243	ppm	0.0998	0.0681	68.26	0.0516	0.148
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	4042	24.09	0.5961	4025	4059
Ni2316	231.604	{4	In2306	ppm	0.0986	0.0704	71.38	0.0488	0.1484
P_1782	178.284	{4	In2306	ppm	0.0611	0.0174	28.45	0.0488	0.0734
Pb2203	220.353	{4	In2306	ppm	0.0919	0.077	83.83	0.0374	0.1463
S_1820	182.034	{4	Y_2243	ppm	-20970	1509	7.193	-22040	-19910
Sb2068	206.833	{4	Y_2243	ppm	0.1267	0.0819	64.63	0.0688	0.1846
Se1960	196.090	{4	Y_2243	ppm	0.1262	0.1023	81.1	0.0538	0.1986
Si2516	251.611	{1	Y_3710	ppm	8.619	0.0031	0.0358	8.621	8.617
Sn1899	189.989	{4	In2306	ppm	0.1055	0.0722	68.48	0.0544	0.1565
Sr4215	421.552	{ 8	Y_3710	ppm	13.85	0.1192	0.8605	13.77	13.94
Ti3349	334.904	{1	Y_3600	ppm	0.017	0.0005	2.919	0.0167	0.0174
Tl1908	190.856	{4	In2306	ppm	0.0943	0.0752	79.71	0.0412	0.1475
V_2924	292.402	{1	Y_3600	ppm	-0.0055	0.0005	9.793	-0.0059	-0.0051
Zn2062	206.200	{4	In2306	ppm	0.1117	0.0764	68.38	0.0577	0.1658

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.635	0.30279	0.59798	50.849	50.421
In2306	230.606	{4	Cts/S	5042.9	76.744	1.5218	4988.6	5097.2
Y_2243	224.306	{4	Cts/S	7817.8	100.28	1.2827	7746.9	7888.7
Y_3600	360.073	{ 9	Cts/S	44352	78.324	0.1766	44408	44297
Y_3710	371.030	{ 9	Cts/S	7176.7	11.775	0.16407	7168.4	7185

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=600-48796-C-3-A
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:58:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.001	790.5	0.0008	-0.0006
Al3082	308.215	{1	In2306	ppm	0.0306	0.0044	14.23	0.0276	0.0337
As1890	189.042	{4	Y_2243	ppm	0.0239	0.0032	13.4	0.0216	0.0262
B_2496	249.678	{1	Y_3710	ppm	1.028	0.015	1.455	1.039	1.017
Ba4554	455.403	{ 7	Y_3710	ppm	0.1094	0.0006	0.5835	0.1099	0.109
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	140.6	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	997.4	18.73	1.878	984.2	1011
Ca3181	318.128	{1	In2306	ppm	1034	21.6	2.089	1019	1050
Cd2288	228.802	{4	Y_2243	ppm	0.0024	0.0025	104.9	0.0006	0.0042
Co2286	228.616	{4	In2306	ppm	0.004	0.0045	112.8	0.0008	0.0072
Cr2677	267.716	{1	Y_3600	ppm	0.0012	0.0005	40.35	0.0016	0.0009
Cu3247	324.754	{1	Y_3600	ppm	-0.0032	0.0003	9.624	-0.003	-0.0034
Fe2404	240.488	{1	In2306	ppm	10.66	0.2275	2.135	10.49	10.82
K_7664	766.490	{ 4	Y_3710	ppm	20.28	0.1805	0.89	20.41	20.16
K_7698	769.896	{ 4	Y_3710	ppm	21.23	0.223	1.051	21.38	21.07
Li6707	670.784	{ 5	Y_3710	ppm	0.1981	0.0015	0.764	0.1992	0.197
Mg2790	279.079	{1	Y_3710	ppm	608	3.63	0.597	605.4	610.6
Mn2576	257.610	{1	Y_3600	ppm	3.35	0.0029	0.0854	3.348	3.352
Mn2576-2	257.610	{1	Y_3710	ppm	3.578	0.0028	0.0779	3.58	3.576
Mo2020	202.030	{4	Y_2243	ppm	0.0089	0.0037	41.36	0.0063	0.0115
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	2252	9.428	0.4187	2258	2245
Ni2316	231.604	{4	In2306	ppm	0.0044	0.0045	102.4	0.0012	0.0076
P_1782	178.284	{4	In2306	ppm	0.1379	0.0052	3.751	0.1416	0.1343
Pb2203	220.353	{4	In2306	ppm	0.0013	0.0021	165.7	-0.0002	0.0027
S_1820	182.034	{4	Y_2243	ppm	-6880	75.53	1.098	-6933	-6826
Sb2068	206.833	{4	Y_2243	ppm	0.0054	0.0042	77.89	0.0024	0.0084
Se1960	196.090	{4	Y_2243	ppm	0.0066	0.0054	82.84	0.0027	0.0104
Si2516	251.611	{1	Y_3710	ppm	9.447	0.0237	0.2511	9.431	9.464
Sn1899	189.989	{4	In2306	ppm	0.0049	0.0053	107.4	0.0012	0.0086
Sr4215	421.552	{ 8	Y_3710	ppm	8.619	0.0318	0.3688	8.596	8.641
Ti3349	334.904	{1	Y_3600	ppm	0.0059	0.0007	11.8	0.0064	0.0054
Tl1908	190.856	{4	In2306	ppm	-0.0003	0.0048	1762	-0.0037	0.0032
V_2924	292.402	{1	Y_3600	ppm	-0.0048	0.0002	4.927	-0.0046	-0.005
Zn2062	206.200	{4	In2306	ppm	0.0118	0.0044	37.2	0.0087	0.0149

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.959	0.82155	1.6122	51.54	50.378
In2306	230.606	{4	Cts/S	6000.4	133.35	2.2224	5906.1	6094.7
Y_2243	224.306	{4	Cts/S	9147.1	198.55	2.1706	9006.7	9287.5
Y_3600	360.073	{ 9	Cts/S	46511	115.32	0.24794	46430	46593
Y_3710	371.030	{ 9	Cts/S	7561.9	2.2449	0.02969	7563.5	7560.3

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:00:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0003	0.0003	112.4	-0.0005	-0.0001
Al3082	308.215	{1	In2306	ppm	0.0974	0.03	30.78	0.1185	0.0762
As1890	189.042	{4	Y_2243	ppm	-0.0011	0.0009	76.5	-0.0005	-0.0018
B_2496	249.678	{1	Y_3710	ppm	0.5946	0.0089	1.495	0.5883	0.6009
Ba4554	455.403	{ 7	Y_3710	ppm	0.0615	0.0005	0.7361	0.0612	0.0619
Be3130	313.042	{1	Y_3710	ppm	-0.0003	0	5.105	-0.0002	-0.0003
Ca3158	315.887	{1	In2306	ppm	150.6	1.361	0.9042	151.5	149.6
Ca3181	318.128	{1	In2306	ppm	153.3	1.129	0.7367	154.1	152.5
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0.0001	29.61	0.0002	0.0003
Co2286	228.616	{4	In2306	ppm	0.0001	0.0004	345.7	-0.0002	0.0004
Cr2677	267.716	{1	Y_3600	ppm	0.0004	0.0004	91.59	0.0007	0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0024	0	0.1665	-0.0023	-0.0024
Fe2404	240.488	{1	In2306	ppm	0.041	0.0272	66.25	0.0602	0.0218
K_7664	766.490	{ 4	Y_3710	ppm	1.899	0.0213	1.123	1.884	1.915
K_7698	769.896	{ 4	Y_3710	ppm	1.708	0.0384	2.248	1.681	1.735
Li6707	670.784	{ 5	Y_3710	ppm	0.0241	0.0006	2.298	0.0237	0.0245
Mg2790	279.079	{1	Y_3710	ppm	146.6	0.6951	0.4741	147.1	146.1
Mn2576	257.610	{1	Y_3600	ppm	0.1134	0.0001	0.1023	0.1134	0.1135
Mn2576-2	257.610	{1	Y_3710	ppm	0.1146	0.0001	0.0812	0.1146	0.1145
Mo2020	202.030	{4	Y_2243	ppm	0.0013	0.0002	16.72	0.0012	0.0015
Na5895	589.592	{ 5	Y_3710	ppm	892.4	23.63	2.648	875.7	909.1
Na8183	818.326	{ 4	Y_3710	ppm	1423	14.58	1.024	1413	1434
Ni2316	231.604	{4	In2306	ppm	0.002	0	0.362	0.002	0.002
P_1782	178.284	{4	In2306	ppm	0.2922	0	0.0145	0.2921	0.2922
Pb2203	220.353	{4	In2306	ppm	-0.0005	0.0006	123.7	-0.0009	-0.0001
S_1820	182.034	{4	Y_2243	ppm	-3093	6.915	0.2235	-3089	-3098
Sb2068	206.833	{4	Y_2243	ppm	0.0017	0.0001	8.511	0.0018	0.0016
Se1960	196.090	{4	Y_2243	ppm	-0.0005	0.0015	285.9	-0.0016	0.0005
Si2516	251.611	{1	Y_3710	ppm	7.172	0.0046	0.0648	7.169	7.175
Sn1899	189.989	{4	In2306	ppm	-0.0002	0.0002	127.1	-0.0003	0
Sr4215	421.552	{ 8	Y_3710	ppm	1.44	0.0014	0.0943	1.439	1.441
Ti3349	334.904	{1	Y_3600	ppm	0.0019	0.0001	4.707	0.002	0.0018
Tl1908	190.856	{4	In2306	ppm	-0.0006	0.0016	269.8	0.0005	-0.0017
V_2924	292.402	{1	Y_3600	ppm	-0.0001	0.0001	59.24	-0.0001	-0.0002
Zn2062	206.200	{4	In2306	ppm	0.0058	0	0.2747	0.0058	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	55.871	0.17665	0.31618	55.996	55.746
In2306	230.606	{4	Cts/S	6917.2	2.4106	0.03485	6918.9	6915.5
Y_2243	224.306	{4	Cts/S	10264	10.956	0.10674	10256	10272
Y_3600	360.073	{ 9	Cts/S	48197	82.519	0.17121	48139	48255
Y_3710	371.030	{ 9	Cts/S	7901.6	0.84792	0.01073	7902.2	7901

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Custom ID3=
Run Time=1/25/2012 10:03:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5508	0.0004	0.0692	0.5511	0.5506
Al3082	308.215 {1	In2306	ppm	11.81	0.1171	0.9923	11.89	11.72
As1890	189.042 {4	Y_2243	ppm	1.082	0.0018	0.1624	1.08	1.083
B_2496	249.678 {1	Y_3710	ppm	1.841	0.0121	0.6546	1.85	1.833
Ba4554	455.403 { 7	Y_3710	ppm	1.005	0.0019	0.1916	1.007	1.004
Be3130	313.042 {1	Y_3710	ppm	0.4728	0.0031	0.6648	0.475	0.4706
Ca3158	315.887 {1	In2306	ppm	164.3	2.195	1.337	165.8	162.7
Ca3181	318.128 {1	In2306	ppm	167.2	2.438	1.458	168.9	165.5
Cd2288	228.802 {4	Y_2243	ppm	0.5581	0.0004	0.0749	0.5584	0.5578
Co2286	228.616 {4	In2306	ppm	1.029	0.0009	0.083	1.029	1.028
Cr2677	267.716 {1	Y_3600	ppm	0.9193	0.0002	0.0263	0.9195	0.9192
Cu3247	324.754 {1	Y_3600	ppm	1.14	0.0067	0.59	1.135	1.145
Fe2404	240.488 {1	In2306	ppm	10.59	0.0722	0.6818	10.64	10.54
K_7664	766.490 { 4	Y_3710	ppm	12.78	0.0057	0.0448	12.78	12.78
K_7698	769.896 { 4	Y_3710	ppm	13.14	0.0447	0.3403	13.1	13.17
Li6707	670.784 { 5	Y_3710	ppm	0.9819	0.0003	0.0296	0.9821	0.9817
Mg2790	279.079 {1	Y_3710	ppm	200.5	1.695	0.8454	201.7	199.3
Mn2576	257.610 {1	Y_3600	ppm	1.842	0.0065	0.3533	1.847	1.838
Mn2576-2	257.610 {1	Y_3710	ppm	1.899	0.0092	0.4857	1.905	1.892
Mo2020	202.030 {4	Y_2243	ppm	0.9042	0.0021	0.23	0.9056	0.9027
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2167	3.058	0.1411	2170	2165
Ni2316	231.604 {4	In2306	ppm	0.9886	0.0025	0.2576	0.9904	0.9868
P_1782	178.284 {4	In2306	ppm	1.609	0.006	0.3758	1.613	1.605
Pb2203	220.353 {4	In2306	ppm	0.9646	0.0008	0.0845	0.9651	0.964
S_1820	182.034 {4	Y_2243	ppm	-5625	2.429	0.0432	-5626	-5623
Sb2068	206.833 {4	Y_2243	ppm	1.052	0.0001	0.011	1.052	1.052
Se1960	196.090 {4	Y_2243	ppm	1.078	0.0017	0.161	1.08	1.077
Si2516	251.611 {1	Y_3710	ppm	9.789	0.0386	0.3946	9.816	9.761
Sn1899	189.989 {4	In2306	ppm	1.041	0.0033	0.3186	1.044	1.039
Sr4215	421.552 { 8	Y_3710	ppm	2.337	0.0058	0.2477	2.341	2.333
Ti3349	334.904 {1	Y_3600	ppm	0.9928	0.0023	0.2283	0.9944	0.9912
Tl1908	190.856 {4	In2306	ppm	0.9242	0.0091	0.9823	0.9307	0.9178
V_2924	292.402 {1	Y_3600	ppm	0.9771	0.0034	0.3458	0.9748	0.9795
Zn2062	206.200 {4	In2306	ppm	1.09	0.0002	0.0192	1.09	1.091

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.789	0.62577	1.2083	51.347	52.232
In2306	230.606 {4	Cts/S	6478	15.277	0.23583	6467.2	6488.8
Y_2243	224.306 {4	Cts/S	9941.9	20.828	0.2095	9927.2	9956.6
Y_3600	360.073 { 9	Cts/S	47467	48.992	0.10321	47501	47432
Y_3710	371.030 { 9	Cts/S	7728.1	31.919	0.41302	7705.5	7750.7

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:05:57
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0002	330.7	-0.0002	0.0001
Al3082	308.215	{1	In2306	ppm	0.0667	0.0161	24.11	0.0781	0.0554
As1890	189.042	{4	Y_2243	ppm	0.002	0.004	200.2	-0.0008	0.0048
B_2496	249.678	{1	Y_3710	ppm	0.1631	0.0035	2.153	0.1607	0.1656
Ba4554	455.403	{ 7	Y_3710	ppm	0.0094	0	0.3417	0.0094	0.0094
Be3130	313.042	{1	Y_3710	ppm	0	0	61.94	0	0.0001
Ca3158	315.887	{1	In2306	ppm	29.56	0.2934	0.9925	29.35	29.77
Ca3181	318.128	{1	In2306	ppm	29.85	0.41	1.373	29.56	30.14
Cd2288	228.802	{4	Y_2243	ppm	0.0022	0.0027	123.7	0.0003	0.0041
Co2286	228.616	{4	In2306	ppm	0.0048	0.006	126.7	0.0005	0.009
Cr2677	267.716	{1	Y_3600	ppm	0.0003	0.0001	31.18	0.0004	0.0003
Cu3247	324.754	{1	Y_3600	ppm	-0.0026	0.0002	9.063	-0.0027	-0.0024
Fe2404	240.488	{1	In2306	ppm	0.0214	0.0097	45.42	0.0282	0.0145
K_7664	766.490	{ 4	Y_3710	ppm	0.3967	0.0104	2.619	0.4041	0.3894
K_7698	769.896	{ 4	Y_3710	ppm	0.1048	0.0102	9.737	0.1121	0.0976
Li6707	670.784	{ 5	Y_3710	ppm	0.0053	0.0006	10.94	0.0057	0.0049
Mg2790	279.079	{1	Y_3710	ppm	36.92	0.1807	0.4894	37.05	36.79
Mn2576	257.610	{1	Y_3600	ppm	0.1961	0.0001	0.03	0.1961	0.1961
Mn2576-2	257.610	{1	Y_3710	ppm	0.1935	0.0029	1.484	0.1955	0.1914
Mo2020	202.030	{4	Y_2243	ppm	0.0074	0.0068	92.96	0.0025	0.0122
Na5895	589.592	{ 5	Y_3710	ppm	319.2	3.718	1.165	316.6	321.8
Na8183	818.326	{ 4	Y_3710	ppm	411	0.8654	0.2106	411.6	410.4
Ni2316	231.604	{4	In2306	ppm	0.0051	0.0058	112.8	0.001	0.0092
P_1782	178.284	{4	In2306	ppm	0.0639	0.0068	10.61	0.0591	0.0687
Pb2203	220.353	{4	In2306	ppm	0.0025	0.0035	138.1	0.0001	0.005
S_1820	182.034	{4	Y_2243	ppm	-1089	19.21	1.764	-1075	-1103
Sb2068	206.833	{4	Y_2243	ppm	0.014	0.0056	39.97	0.0101	0.018
Se1960	196.090	{4	Y_2243	ppm	0.0032	0.004	124.4	0.0004	0.0061
Si2516	251.611	{1	Y_3710	ppm	1.616	0.029	1.795	1.596	1.637
Sn1899	189.989	{4	In2306	ppm	0.0064	0.0075	116.9	0.0011	0.0117
Sr4215	421.552	{ 8	Y_3710	ppm	0.3762	0	0.0111	0.3761	0.3762
Ti3349	334.904	{1	Y_3600	ppm	0.0028	0.0003	9.099	0.0027	0.003
Tl1908	190.856	{4	In2306	ppm	0.0117	0.0088	75.23	0.0055	0.0179
V_2924	292.402	{1	Y_3600	ppm	0.0003	0.0003	103.1	0.0005	0.0001
Zn2062	206.200	{4	In2306	ppm	0.0091	0.006	65.54	0.0049	0.0133

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	57.724	0.99457	1.723	58.427	57.021
In2306	230.606	{4	Cts/S	8142	5.9652	0.07327	8146.2	8137.8
Y_2243	224.306	{4	Cts/S	11512	26.197	0.22757	11530	11493
Y_3600	360.073	{ 9	Cts/S	48482	84.186	0.17364	48423	48542
Y_3710	371.030	{ 9	Cts/S	8264.2	19.575	0.23686	8250.4	8278.1

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:08:40
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2445	0.0006	0.2611	0.244	0.2449
Al3082	308.215	{1	In2306	ppm	2.537	0.0346	1.363	2.561	2.512
As1890	189.042	{4	Y_2243	ppm	0.4725	0.0014	0.2862	0.4716	0.4735
B_2496	249.678	{1	Y_3710	ppm	0.4836	0.0051	1.048	0.4801	0.4872
Ba4554	455.403	{ 7	Y_3710	ppm	0.4809	0.0016	0.3399	0.4821	0.4798
Be3130	313.042	{1	Y_3710	ppm	0.4936	0.0014	0.2901	0.4926	0.4946
Ca3158	315.887	{1	In2306	ppm	12.66	0.2448	1.934	12.48	12.83
Ca3181	318.128	{1	In2306	ppm	12.84	0.2166	1.687	12.69	13
Cd2288	228.802	{4	Y_2243	ppm	0.4818	0.0006	0.1226	0.4822	0.4814
Co2286	228.616	{4	In2306	ppm	0.4933	0.001	0.2116	0.494	0.4925
Cr2677	267.716	{1	Y_3600	ppm	0.5001	0.0002	0.0308	0.5002	0.5
Cu3247	324.754	{1	Y_3600	ppm	0.4858	0.0013	0.2629	0.4849	0.4867
Fe2404	240.488	{1	In2306	ppm	2.484	0.022	0.886	2.468	2.499
K_7664	766.490	{ 4	Y_3710	ppm	12.76	0.3295	2.582	13	12.53
K_7698	769.896	{ 4	Y_3710	ppm	12.86	0.2994	2.329	13.07	12.64
Li6707	670.784	{ 5	Y_3710	ppm	0.4949	0.0142	2.863	0.505	0.4849
Mg2790	279.079	{1	Y_3710	ppm	4.853	0.0736	1.517	4.801	4.905
Mn2576	257.610	{1	Y_3600	ppm	0.4903	0.0006	0.1311	0.4908	0.4899
Mn2576-2	257.610	{1	Y_3710	ppm	0.4659	0.0074	1.595	0.4607	0.4712
Mo2020	202.030	{4	Y_2243	ppm	0.4808	0.0005	0.0978	0.4811	0.4804
Na5895	589.592	{ 5	Y_3710	ppm	12.74	0.351	2.756	12.98	12.49
Na8183	818.326	{ 4	Y_3710	ppm	12.59	0.1698	1.348	12.71	12.47
Ni2316	231.604	{4	In2306	ppm	0.4775	0.0012	0.2568	0.4784	0.4767
P_1782	178.284	{4	In2306	ppm	0.0029	0.0009	30.7	0.0036	0.0023
Pb2203	220.353	{4	In2306	ppm	0.483	0.0008	0.1729	0.4836	0.4824
S_1820	182.034	{4	Y_2243	ppm	-43.05	0.2854	0.6631	-42.85	-43.25
Sb2068	206.833	{4	Y_2243	ppm	0.4698	0.0008	0.1794	0.4692	0.4704
Se1960	196.090	{4	Y_2243	ppm	0.4784	0.003	0.6188	0.4763	0.4805
Si2516	251.611	{1	Y_3710	ppm	0.8067	0.0153	1.897	0.7959	0.8175
Sn1899	189.989	{4	In2306	ppm	0.5046	0.0022	0.4305	0.5061	0.5031
Sr4215	421.552	{ 8	Y_3710	ppm	0.2428	0.0002	0.0958	0.243	0.2426
Ti3349	334.904	{1	Y_3600	ppm	0.5103	0.0002	0.035	0.5102	0.5104
Tl1908	190.856	{4	In2306	ppm	0.4988	0.0052	1.034	0.5025	0.4952
V_2924	292.402	{1	Y_3600	ppm	0.5126	0.0004	0.0736	0.5123	0.5128
Zn2062	206.200	{4	In2306	ppm	0.491	0.0009	0.188	0.4916	0.4903

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	59.516	0.27993	0.47034	59.714	59.318
In2306	230.606	{4	Cts/S	9611.1	2.1392	0.02226	9609.6	9612.7
Y_2243	224.306	{4	Cts/S	12736	7.0632	0.05546	12741	12731
Y_3600	360.073	{ 5	Cts/S	46799	94.167	0.20121	46866	46733
Y_3710	371.030	{ 5	Cts/S	8477.8	16.283	0.19206	8466.3	8489.3

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:11:06

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0049	0.0004	7.405	0.0051	0.0046
Al3082	308.215	{1	In2306	ppm	0.0653	0.0126	19.25	0.0564	0.0741
As1890	189.042	{4	Y_2243	ppm	0.0102	0.0016	15.46	0.0091	0.0114
B_2496	249.678	{1	Y_3710	ppm	0.0048	0.0089	184.5	0.0111	-0.0015
Ba4554	455.403	{ 7	Y_3710	ppm	0.0098	0.0002	2.506	0.0099	0.0096
Be3130	313.042	{1	Y_3710	ppm	0.0048	0.0001	1.53	0.0048	0.0047
Ca3158	315.887	{1	In2306	ppm	0.0896	0.0029	3.275	0.0917	0.0876
Ca3181	318.128	{1	In2306	ppm	0.1308	0.0094	7.175	0.1374	0.1241
Cd2288	228.802	{4	Y_2243	ppm	0.0067	0.0027	40.24	0.0048	0.0087
Co2286	228.616	{4	In2306	ppm	0.0121	0.003	24.59	0.01	0.0142
Cr2677	267.716	{1	Y_3600	ppm	0.0093	0.0004	4.63	0.009	0.0096
Cu3247	324.754	{1	Y_3600	ppm	0.0077	0.0008	10.77	0.0083	0.0071
Fe2404	240.488	{1	In2306	ppm	0.0773	0.0154	19.96	0.0664	0.0883
K_7664	766.490	{ 4	Y_3710	ppm	0.6487	0.0078	1.207	0.6432	0.6542
K_7698	769.896	{ 4	Y_3710	ppm	0.3471	0.0112	3.217	0.3392	0.355
Li6707	670.784	{ 5	Y_3710	ppm	0.0098	0	0.3626	0.0099	0.0098
Mg2790	279.079	{1	Y_3710	ppm	0.1358	0.0419	30.89	0.1654	0.1061
Mn2576	257.610	{1	Y_3600	ppm	0.0103	0.0002	1.702	0.0104	0.0101
Mn2576-2	257.610	{1	Y_3710	ppm	0.0098	0.0009	9.459	0.0105	0.0092
Mo2020	202.030	{4	Y_2243	ppm	0.0133	0.0036	27.22	0.0107	0.0159
Na5895	589.592	{ 5	Y_3710	ppm	0.8339	0.0014	0.1639	0.8348	0.8329
Na8183	818.326	{ 4	Y_3710	ppm	0.8888	0.0741	8.335	0.9412	0.8364
Ni2316	231.604	{4	In2306	ppm	0.0114	0.0031	27.51	0.0092	0.0136
P_1782	178.284	{4	In2306	ppm	0.0132	0.0012	9.043	0.0141	0.0124
Pb2203	220.353	{4	In2306	ppm	0.0123	0.0017	13.74	0.0111	0.0135
S_1820	182.034	{4	Y_2243	ppm	-0.686	0.1216	17.73	-0.6	-0.772
Sb2068	206.833	{4	Y_2243	ppm	0.0189	0.0007	3.962	0.0183	0.0194
Se1960	196.090	{4	Y_2243	ppm	0.0106	0.0007	6.502	0.0101	0.0111
Si2516	251.611	{1	Y_3710	ppm	-0.0253	0.0216	85.21	-0.0101	-0.0406
Sn1899	189.989	{4	In2306	ppm	0.0127	0.0037	29.15	0.0101	0.0153
Sr4215	421.552	{ 8	Y_3710	ppm	0.0048	0.0003	5.591	0.005	0.0046
Ti3349	334.904	{1	Y_3600	ppm	0.0104	0.0001	0.8702	0.0104	0.0103
Tl1908	190.856	{4	In2306	ppm	0.0157	0.0045	28.28	0.0126	0.0189
V_2924	292.402	{1	Y_3600	ppm	0.0108	0.0001	0.4718	0.0108	0.0108
Zn2062	206.200	{4	In2306	ppm	0.0106	0.0028	26.01	0.0087	0.0126

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	59.892	0.71019	1.1858	60.394	59.39
In2306	230.606	{4	Cts/S	10211	2.0427	0.02001	10212	10209
Y_2243	224.306	{4	Cts/S	12964	8.3326	0.06427	12958	12970
Y_3600	360.073	{ 9	Cts/S	46043	194.97	0.42345	45905	46181
Y_3710	371.030	{ 9	Cts/S	8639.7	26.039	0.30139	8658.1	8621.2

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/25/2012 10:13:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0006	0.0005	71.31	0.001	0.0003
Al3082	308.215	{1	In2306	ppm	-0.048	0.0358	74.54	-0.0733	-0.0227
As1890	189.042	{4	Y_2243	ppm	-0.0002	0.0004	238.3	0.0001	-0.0005
B_2496	249.678	{1	Y_3710	ppm	0.0001	0.0183	24030	-0.0128	0.013
Ba4554	455.403	{ 7	Y_3710	ppm	0.0001	0.0001	205.7	0	0.0002
Be3130	313.042	{1	Y_3710	ppm	-0.0003	0	7.134	-0.0003	-0.0003
Ca3158	315.887	{1	In2306	ppm	0.0086	0.0027	31	0.0104	0.0067
Ca3181	318.128	{1	In2306	ppm	0.1718	0.0648	37.73	0.2177	0.126
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0.0005	153.8	0	0.0007
Co2286	228.616	{4	In2306	ppm	0.0006	0.0004	68.68	0.0003	0.0009
Cr2677	267.716	{1	Y_3600	ppm	-0.0001	0.0007	517.2	-0.0006	0.0003
Cu3247	324.754	{1	Y_3600	ppm	-0.0023	0.0006	26.82	-0.0019	-0.0028
Fe2404	240.488	{1	In2306	ppm	-0.0091	0.0077	83.78	-0.0146	-0.0037
K_7664	766.490	{ 4	Y_3710	ppm	0.0381	0.0208	54.62	0.0528	0.0234
K_7698	769.896	{ 4	Y_3710	ppm	-0.0781	0.0123	15.8	-0.0694	-0.0868
Li6707	670.784	{ 5	Y_3710	ppm	0.0004	0.0004	93.33	0.0007	0.0001
Mg2790	279.079	{1	Y_3710	ppm	-0.0335	0.0405	120.8	-0.0622	-0.0049
Mn2576	257.610	{1	Y_3600	ppm	0.0002	0	10.01	0.0002	0.0002
Mn2576-2	257.610	{1	Y_3710	ppm	0.0002	0.0009	521.6	0.0008	-0.0005
Mo2020	202.030	{4	Y_2243	ppm	0.0009	0.0009	93.02	0.0003	0.0015
Na5895	589.592	{ 5	Y_3710	ppm	0.1812	0.0137	7.579	0.1715	0.1909
Na8183	818.326	{ 4	Y_3710	ppm	0.1693	0.0386	22.79	0.1966	0.142
Ni2316	231.604	{4	In2306	ppm	0.0004	0.0004	96.26	0.0001	0.0007
P_1782	178.284	{4	In2306	ppm	0.0011	0.0009	85.93	0.0004	0.0017
Pb2203	220.353	{4	In2306	ppm	-0.0001	0.0003	557.1	-0.0003	0.0002
S_1820	182.034	{4	Y_2243	ppm	-1.459	0.0935	6.409	-1.525	-1.393
Sb2068	206.833	{4	Y_2243	ppm	0.0037	0.0009	24.6	0.0044	0.0031
Se1960	196.090	{4	Y_2243	ppm	-0.0007	0.0002	37.42	-0.0008	-0.0005
Si2516	251.611	{1	Y_3710	ppm	-0.0236	0.0181	76.91	-0.0108	-0.0364
Sn1899	189.989	{4	In2306	ppm	0.0006	0.0007	115.6	0.0001	0.0011
Sr4215	421.552	{ 8	Y_3710	ppm	0	0.0001	196	0.0001	0
Ti3349	334.904	{1	Y_3600	ppm	0.0001	0.0001	71.56	0.0001	0.0002
Tl1908	190.856	{4	In2306	ppm	0.0008	0.0008	104.7	0.0002	0.0013
V_2924	292.402	{1	Y_3600	ppm	0.0004	0.0008	212.8	-0.0002	0.0009
Zn2062	206.200	{4	In2306	ppm	0.0005	0.0004	92.93	0.0002	0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	60.978	1.862	3.0535	62.295	59.662
In2306	230.606	{4	Cts/S	10167	54.173	0.53281	10129	10206
Y_2243	224.306	{4	Cts/S	12922	80.819	0.62542	12865	12980
Y_3600	360.073	{ 9	Cts/S	46694	2217.8	4.7496	45125	48262
Y_3710	371.030	{ 9	Cts/S	8454.3	0.67195	0.00795	8453.9	8454.8

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SampleName=MB 600-70481/1-A
Username=admin
Comment=
Custom ID1=

Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:16:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0008	803.7	-0.0007	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0382	0.0598	156.6	-0.0804	0.0041
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0003	22.68	-0.0011	-0.0015
B_2496	249.678 {1	Y_3710	ppm	0.0053	0.0043	80.08	0.0023	0.0084
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0	46.12	-0.0001	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	25.14	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0073	0.0132	182	0.0021	-0.0166
Ca3181	318.128 {1	In2306	ppm	0.0348	0.0107	30.83	0.0272	0.0424
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	104.7	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0	0	21.86	0	0
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	1013	-0.0003	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.001	65.21	-0.0022	-0.0008
Fe2404	240.488 {1	In2306	ppm	-0.021	0.0023	10.86	-0.0194	-0.0226
K_7664	766.490 { 4	Y_3710	ppm	0.0292	0.0037	12.53	0.0266	0.0318
K_7698	769.896 { 4	Y_3710	ppm	-0.3027	0.0061	2.011	-0.2984	-0.307
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0001	33.51	0.0003	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0147	0.0833	565.8	-0.0736	0.0442
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0.0001	7.713	0.0013	0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	0.0012	0.0009	76.61	0.0019	0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	168.5	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.1624	0.0032	1.987	0.1647	0.1602
Na8183	818.326 { 4	Y_3710	ppm	0.223	0.0795	35.67	0.2793	0.1668
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0003	145.4	0	-0.0004
P_1782	178.284 {4	In2306	ppm	0.0005	0.0008	173.2	0.0011	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0001	16.41	0.0005	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1.405	0.0189	1.344	-1.391	-1.418
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0009	309.9	-0.0004	0.001
Se1960	196.090 {4	Y_2243	ppm	-0.0013	0.0011	84.63	-0.0021	-0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0373	0.0052	14.02	-0.0336	-0.041
Sn1899	189.989 {4	In2306	ppm	-0.0007	0	1.307	-0.0007	-0.0007
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	73.63	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0.0004	51.31	0.001	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0001	125.8	0	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0014	349	0.0014	-0.0006
Zn2062	206.200 {4	In2306	ppm	0.0014	0	2.555	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.001	2.9739	4.8752	63.104	58.898
In2306	230.606 {4	Cts/S	10292	4.1033	0.03987	10295	10289
Y_2243	224.306 {4	Cts/S	13005	1.8913	0.01454	13006	13004
Y_3600	360.073 { 9	Cts/S	47097	2030.2	4.3107	48532	45661
Y_3710	371.030 { 9	Cts/S	8733.7	27.594	0.31595	8753.2	8714.1

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Username=admin
Comment=

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Custom ID3=
Run Time=1/25/2012 10:19:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4839	0.0124	2.57	0.4926	0.4751
Al3082	308.215 {1	In2306	ppm	10.01	0.313	3.126	10.23	9.791
As1890	189.042 {4	Y_2243	ppm	0.9275	0.0075	0.807	0.9223	0.9328
B_2496	249.678 {1	Y_3710	ppm	0.9672	0.0109	1.123	0.9749	0.9595
Ba4554	455.403 { 7	Y_3710	ppm	0.9629	0.0026	0.2658	0.9611	0.9647
Be3130	313.042 {1	Y_3710	ppm	0.4866	0.0003	0.055	0.4864	0.4868
Ca3158	315.887 {1	In2306	ppm	10.06	0.2459	2.445	10.23	9.885
Ca3181	318.128 {1	In2306	ppm	10.17	0.1727	1.697	10.3	10.05
Cd2288	228.802 {4	Y_2243	ppm	0.4681	0.0024	0.5151	0.4664	0.4698
Co2286	228.616 {4	In2306	ppm	0.9573	0.0056	0.587	0.9533	0.9613
Cr2677	267.716 {1	Y_3600	ppm	0.966	0.0329	3.41	0.9893	0.9427
Cu3247	324.754 {1	Y_3600	ppm	0.9525	0.0316	3.319	0.9749	0.9302
Fe2404	240.488 {1	In2306	ppm	9.933	0.2285	2.3	10.09	9.771
K_7664	766.490 { 4	Y_3710	ppm	10.43	0.082	0.7867	10.37	10.48
K_7698	769.896 { 4	Y_3710	ppm	10.4	0.0968	0.9298	10.34	10.47
Li6707	670.784 { 5	Y_3710	ppm	0.5064	0.0056	1.112	0.5025	0.5104
Mg2790	279.079 {1	Y_3710	ppm	9.624	0.0856	0.8898	9.685	9.564
Mn2576	257.610 {1	Y_3600	ppm	0.9512	0.0295	3.101	0.972	0.9303
Mn2576-2	257.610 {1	Y_3710	ppm	0.9265	0.0015	0.1656	0.9276	0.9254
Mo2020	202.030 {4	Y_2243	ppm	0.9317	0.0024	0.2525	0.93	0.9334
Na5895	589.592 { 5	Y_3710	ppm	10.35	0.0822	0.7937	10.3	10.41
Na8183	818.326 { 4	Y_3710	ppm	10.06	0.0069	0.0682	10.06	10.05
Ni2316	231.604 {4	In2306	ppm	0.9287	0.0055	0.5924	0.9249	0.9326
P_1782	178.284 {4	In2306	ppm	0.0001	0.0018	1178	0.0014	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.9432	0.0102	1.085	0.9359	0.9504
S_1820	182.034 {4	Y_2243	ppm	-1.496	0.0669	4.472	-1.449	-1.543
Sb2068	206.833 {4	Y_2243	ppm	0.9072	0.0032	0.3549	0.9049	0.9094
Se1960	196.090 {4	Y_2243	ppm	0.936	0.0106	1.13	0.9285	0.9435
Si2516	251.611 {1	Y_3710	ppm	0.7852	0.0311	3.966	0.7632	0.8073
Sn1899	189.989 {4	In2306	ppm	0.9764	0.0018	0.1802	0.9751	0.9776
Sr4215	421.552 { 8	Y_3710	ppm	0.4764	0.0009	0.1936	0.4757	0.477
Ti3349	334.904 {1	Y_3600	ppm	0.9905	0.0344	3.474	1.015	0.9662
Tl1908	190.856 {4	In2306	ppm	0.947	0.0092	0.9755	0.9535	0.9405
V_2924	292.402 {1	Y_3600	ppm	0.9902	0.0288	2.906	1.011	0.9699
Zn2062	206.200 {4	In2306	ppm	0.9481	0.0044	0.4653	0.9449	0.9512

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.266	1.1062	1.8665	58.484	60.048
In2306	230.606 {4	Cts/S	9649.5	104.92	1.0874	9723.7	9575.3
Y_2243	224.306 {4	Cts/S	12822	148.14	1.1553	12927	12717
Y_3600	360.073 { 9	Cts/S	47372	979.67	2.068	46679	48064
Y_3710	371.030 { 9	Cts/S	8462.2	15.94	0.18837	8473.5	8450.9

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Username=admin

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:21:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0009	171	-0.0001	0.0011
Al3082	308.215 {1	In2306	ppm	0.0236	0.003	12.57	0.0215	0.0257
As1890	189.042 {4	Y_2243	ppm	0.0076	0.0073	95.56	0.0025	0.0128
B_2496	249.678 {1	Y_3710	ppm	0.5875	0.0119	2.022	0.5959	0.5791
Ba4554	455.403 { 7	Y_3710	ppm	0.1366	0.0007	0.4771	0.137	0.1361
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	338.7	0.0001	0
Ca3158	315.887 {1	In2306	ppm	374	14.27	3.816	364	384.1
Ca3181	318.128 {1	In2306	ppm	379.5	13.89	3.66	369.7	389.3
Cd2288	228.802 {4	Y_2243	ppm	0.004	0.0047	116.4	0.0007	0.0074
Co2286	228.616 {4	In2306	ppm	0.0276	0.0092	33.22	0.0211	0.0341
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0004	26.5	0.0016	0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0022	0	0.7724	-0.0022	-0.0022
Fe2404	240.488 {1	In2306	ppm	0.3935	0.0533	13.54	0.3558	0.4312
K_7664	766.490 { 4	Y_3710	ppm	3.229	0.0138	0.427	3.238	3.219
K_7698	769.896 { 4	Y_3710	ppm	3.064	0.0313	1.023	3.086	3.042
Li6707	670.784 { 5	Y_3710	ppm	0.0312	0.0001	0.2174	0.0311	0.0312
Mg2790	279.079 {1	Y_3710	ppm	330	0.4921	0.1491	330.4	329.7
Mn2576	257.610 {1	Y_3600	ppm	7.678	0.0083	0.108	7.672	7.684
Mn2576-2	257.610 {1	Y_3710	ppm	8.208	0.0262	0.3188	8.227	8.19
Mo2020	202.030 {4	Y_2243	ppm	0.0102	0.0102	100.1	0.003	0.0174
Na5895	589.592 { 5	Y_3710	ppm	940.2	20.15	2.143	954.4	926
Na8183	818.326 { 4	Y_3710	ppm	1508	0.5304	0.0352	1508	1509
Ni2316	231.604 {4	In2306	ppm	0.0213	0.0089	41.54	0.0151	0.0276
P_1782	178.284 {4	In2306	ppm	0.1008	0.0026	2.559	0.1027	0.099
Pb2203	220.353 {4	In2306	ppm	0.0056	0.0073	131.2	0.0004	0.0108
S_1820	182.034 {4	Y_2243	ppm	-3228	24.01	0.7436	-3245	-3211
Sb2068	206.833 {4	Y_2243	ppm	0.0203	0.0065	32.02	0.0157	0.0249
Se1960	196.090 {4	Y_2243	ppm	0.0084	0.0086	101.7	0.0024	0.0145
Si2516	251.611 {1	Y_3710	ppm	6.278	0.0877	1.397	6.34	6.216
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0109	108	0.0024	0.0177
Sr4215	421.552 { 8	Y_3710	ppm	3.503	0.011	0.3136	3.511	3.495
Ti3349	334.904 {1	Y_3600	ppm	0.0036	0	1.202	0.0036	0.0036
Tl1908	190.856 {4	In2306	ppm	0.0021	0.015	715.2	-0.0085	0.0127
V_2924	292.402 {1	Y_3600	ppm	-0.004	0.0003	6.636	-0.0042	-0.0038
Zn2062	206.200 {4	In2306	ppm	0.0113	0.0098	86.78	0.0044	0.0183

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.75	1.7096	3.241	53.959	51.541
In2306	230.606 {4	Cts/S	6603.2	21.235	0.32159	6588.2	6618.2
Y_2243	224.306 {4	Cts/S	9736.9	15.965	0.16396	9725.6	9748.2
Y_3600	360.073 { 9	Cts/S	48406	12.483	0.02579	48397	48414
Y_3710	371.030 { 9	Cts/S	7841.3	32.992	0.42074	7818	7864.7

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0003	0.0008	260.8	-0.0002	0.0008
Al3082	308.215	{1	In2306	ppm	0.0447	0.0733	163.8	0.0965	-0.0071
As1890	189.042	{4	Y_2243	ppm	0.0015	0.0008	56.91	0.0009	0.0021
B_2496	249.678	{1	Y_3710	ppm	0.3886	0.0034	0.863	0.391	0.3862
Ba4554	455.403	{ 7	Y_3710	ppm	0.0466	0.0002	0.5078	0.0468	0.0464
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0	17.16	-0.0002	-0.0002
Ca3158	315.887	{1	In2306	ppm	654.7	10.4	1.589	647.4	662.1
Ca3181	318.128	{1	In2306	ppm	667	9.863	1.479	660	673.9
Cd2288	228.802	{4	Y_2243	ppm	0.0013	0.0004	34.04	0.001	0.0016
Co2286	228.616	{4	In2306	ppm	0.0015	0.0008	56.03	0.0009	0.0021
Cr2677	267.716	{1	Y_3600	ppm	0.0013	0.0009	71.14	0.0007	0.002
Cu3247	324.754	{1	Y_3600	ppm	-0.0018	0.0001	7.739	-0.0019	-0.0017
Fe2404	240.488	{1	In2306	ppm	0.022	0.0055	25.14	0.0181	0.0259
K_7664	766.490	{ 4	Y_3710	ppm	3.869	0.0685	1.77	3.917	3.821
K_7698	769.896	{ 4	Y_3710	ppm	3.757	0.0637	1.697	3.802	3.712
Li6707	670.784	{ 5	Y_3710	ppm	0.0634	0.0012	1.97	0.0643	0.0625
Mg2790	279.079	{1	Y_3710	ppm	541.9	2.004	0.3698	543.3	540.4
Mn2576	257.610	{1	Y_3600	ppm	3.776	0.004	0.1064	3.773	3.779
Mn2576-2	257.610	{1	Y_3710	ppm	4.18	0.0015	0.0351	4.179	4.181
Mo2020	202.030	{4	Y_2243	ppm	0.0021	0.001	46.67	0.0014	0.0027
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	4564	6.794	0.1489	4568	4559
Ni2316	231.604	{4	In2306	ppm	0.0054	0.0012	22.09	0.0045	0.0062
P_1782	178.284	{4	In2306	ppm	0.1101	0.0021	1.902	0.1116	0.1087
Pb2203	220.353	{4	In2306	ppm	-0.0006	0.0007	125.2	-0.0001	-0.0011
S_1820	182.034	{4	Y_2243	ppm	-27690	340.4	1.229	-27930	-27450
Sb2068	206.833	{4	Y_2243	ppm	0.0043	0.0014	32.87	0.0033	0.0054
Se1960	196.090	{4	Y_2243	ppm	0.0034	0.0013	37.77	0.0025	0.0044
Si2516	251.611	{1	Y_3710	ppm	8.768	0.0466	0.5314	8.801	8.735
Sn1899	189.989	{4	In2306	ppm	0.0004	0.0001	32.22	0.0003	0.0005
Sr4215	421.552	{ 8	Y_3710	ppm	5.049	0.008	0.1577	5.055	5.044
Ti3349	334.904	{1	Y_3600	ppm	0.0045	0.0002	3.461	0.0046	0.0044
Tl1908	190.856	{4	In2306	ppm	-0.0051	0.001	20.25	-0.0058	-0.0044
V_2924	292.402	{1	Y_3600	ppm	-0.0035	0	0.68	-0.0035	-0.0035
Zn2062	206.200	{4	In2306	ppm	0.006	0.0007	10.85	0.0056	0.0065

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.555	0.58364	1.1545	50.968	50.142
In2306	230.606	{4	Cts/S	5460.4	24.941	0.45677	5442.8	5478
Y_2243	224.306	{4	Cts/S	8420.7	61.389	0.72903	8377.3	8464.1
Y_3600	360.073	{ 9	Cts/S	46297	98.979	0.21379	46367	46227
Y_3710	371.030	{ 9	Cts/S	7392.4	26.309	0.35589	7373.8	7411

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.0006	146.8	0	0.0008
Al3082	308.215	{1	In2306	ppm	0.0466	0.0104	22.3	0.0392	0.0539
As1890	189.042	{4	Y_2243	ppm	-0.0013	0.0002	17.44	-0.0014	-0.0011
B_2496	249.678	{1	Y_3710	ppm	0.2865	0.0024	0.8545	0.2848	0.2882
Ba4554	455.403	{ 7	Y_3710	ppm	0.4829	0.002	0.4096	0.4843	0.4815
Be3130	313.042	{1	Y_3710	ppm	0	0	756	0	0
Ca3158	315.887	{1	In2306	ppm	2237	21.38	0.9558	2252	2222
Ca3181	318.128	{1	In2306	ppm	2437	23.48	0.9635	2454	2420
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0.0002	54.41	0.0002	0.0004
Co2286	228.616	{4	In2306	ppm	-0.0003	0.0004	125.7	0	-0.0006
Cr2677	267.716	{1	Y_3600	ppm	0.001	0.0001	7.375	0.0009	0.001
Cu3247	324.754	{1	Y_3600	ppm	-0.002	0.0002	9.217	-0.0022	-0.0019
Fe2404	240.488	{1	In2306	ppm	0.0455	0.0239	52.52	0.0624	0.0286
K_7664	766.490	{ 4	Y_3710	ppm	16.12	0.0564	0.3497	16.16	16.08
K_7698	769.896	{ 4	Y_3710	ppm	16.8	0.0212	0.1264	16.79	16.82
Li6707	670.784	{ 5	Y_3710	ppm	0.2794	0.0021	0.7415	0.2809	0.278
Mg2790	279.079	{1	Y_3710	ppm	210.5	0.6481	0.3079	210	211
Mn2576	257.610	{1	Y_3600	ppm	0.486	0.0011	0.2211	0.4852	0.4867
Mn2576-2	257.610	{1	Y_3710	ppm	0.5176	0	0.0021	0.5176	0.5176
Mo2020	202.030	{4	Y_2243	ppm	0.0024	0.0001	2.058	0.0025	0.0024
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	1084
Na8183	818.326	{ 4	Y_3710	ppm	1953	7.629	0.3907	1958	1947
Ni2316	231.604	{4	In2306	ppm	0.0039	0.0001	3.542	0.004	0.0038
P_1782	178.284	{4	In2306	ppm	0.1057	0.002	1.906	0.1042	0.1071
Pb2203	220.353	{4	In2306	ppm	-0.001	0.0013	132.1	-0.0001	-0.0019
S_1820	182.034	{4	Y_2243	ppm	-7655	126.9	1.658	-7565	-7745
Sb2068	206.833	{4	Y_2243	ppm	-0.0007	0.0022	330.5	0.0009	-0.0023
Se1960	196.090	{4	Y_2243	ppm	0.0029	0.0006	21.3	0.0033	0.0024
Si2516	251.611	{1	Y_3710	ppm	2.275	0.0306	1.347	2.297	2.253
Sn1899	189.989	{4	In2306	ppm	-0.0001	0	1.639	-0.0001	-0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	8.114	0.0614	0.7565	8.07	8.157
Ti3349	334.904	{1	Y_3600	ppm	0.011	0.0014	12.25	0.012	0.0101
Tl1908	190.856	{4	In2306	ppm	0.0002	0.0017	800.6	0.0014	-0.001
V_2924	292.402	{1	Y_3600	ppm	-0.0011	0.0004	37.63	-0.0008	-0.0014
Zn2062	206.200	{4	In2306	ppm	0.0034	0.0002	5.379	0.0035	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	49.201	0.71714	1.4576	48.693	49.708
In2306	230.606	{4	Cts/S	5765.6	14.279	0.24766	5775.7	5755.5
Y_2243	224.306	{4	Cts/S	8734	16.957	0.19415	8746	8722
Y_3600	360.073	{ 9	Cts/S	47016	145.88	0.31027	47119	46913
Y_3710	371.030	{ 9	Cts/S	7511	2.0977	0.02793	7509.5	7512.5

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0007	0	3.069	0.0007	0.0007
Al3082	308.215	{1	In2306	ppm	0.0068	0.0001	1.485	0.0068	0.0069
As1890	189.042	{4	Y_2243	ppm	-0.0028	0.0009	31.1	-0.0022	-0.0034
B_2496	249.678	{1	Y_3710	ppm	0.5125	0.013	2.546	0.5033	0.5217
Ba4554	455.403	{ 7	Y_3710	ppm	0.0421	0.0002	0.4753	0.0422	0.0419
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	170.2	0	-0.0002
Ca3158	315.887	{1	In2306	ppm	387.6	5.484	1.415	383.7	391.5
Ca3181	318.128	{1	In2306	ppm	394.8	5.816	1.473	390.7	399
Cd2288	228.802	{4	Y_2243	ppm	0.0005	0.0001	15.56	0.0004	0.0005
Co2286	228.616	{4	In2306	ppm	0.0002	0.0002	64.35	0.0001	0.0003
Cr2677	267.716	{1	Y_3600	ppm	0.001	0.0002	20.34	0.0011	0.0009
Cu3247	324.754	{1	Y_3600	ppm	-0.0016	0	0.4074	-0.0016	-0.0016
Fe2404	240.488	{1	In2306	ppm	-0.0126	0.0061	48.42	-0.0083	-0.017
K_7664	766.490	{ 4	Y_3710	ppm	5.099	0.0206	0.4036	5.114	5.085
K_7698	769.896	{ 4	Y_3710	ppm	4.98	0.0404	0.8114	5.009	4.952
Li6707	670.784	{ 5	Y_3710	ppm	0.0414	0.0002	0.4478	0.0416	0.0413
Mg2790	279.079	{1	Y_3710	ppm	269.9	1.093	0.4048	269.2	270.7
Mn2576	257.610	{1	Y_3600	ppm	0.0576	0.0002	0.373	0.0577	0.0574
Mn2576-2	257.610	{1	Y_3710	ppm	0.0595	0.0012	2.025	0.0604	0.0586
Mo2020	202.030	{4	Y_2243	ppm	0.0003	0.0003	86.66	0.0001	0.0005
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	920.8	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	1494	0.8426	0.0564	1495	1493
Ni2316	231.604	{4	In2306	ppm	0.0032	0	0.1384	0.0032	0.0032
P_1782	178.284	{4	In2306	ppm	0.1703	0.0009	0.5491	0.1696	0.171
Pb2203	220.353	{4	In2306	ppm	-0.0018	0.0002	8.67	-0.0019	-0.0017
S_1820	182.034	{4	Y_2243	ppm	-6638	21.65	0.3261	-6653	-6623
Sb2068	206.833	{4	Y_2243	ppm	0.0002	0.0017	900.3	-0.001	0.0014
Se1960	196.090	{4	Y_2243	ppm	0.0016	0.0012	76.01	0.0025	0.0008
Si2516	251.611	{1	Y_3710	ppm	8	0.0176	0.2197	7.988	8.013
Sn1899	189.989	{4	In2306	ppm	-0.0003	0.0007	192.5	-0.0008	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	2.279	0.0043	0.1887	2.282	2.276
Ti3349	334.904	{1	Y_3600	ppm	0.0022	0.0007	30.33	0.0027	0.0018
Tl1908	190.856	{4	In2306	ppm	0	0.0027	10550	0.0019	-0.0019
V_2924	292.402	{1	Y_3600	ppm	-0.0018	0.001	55.33	-0.0025	-0.0011
Zn2062	206.200	{4	In2306	ppm	0.0076	0	0.3166	0.0076	0.0076

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	51.091	0.48213	0.94366	51.432	50.75
In2306	230.606	{4	Cts/S	6594.4	25.558	0.38758	6612.4	6576.3
Y_2243	224.306	{4	Cts/S	9849.8	4.0747	0.04137	9852.7	9846.9
Y_3600	360.073	{ 9	Cts/S	47838	109.18	0.22823	47761	47916
Y_3710	371.030	{ 9	Cts/S	7703.1	6.6857	0.08679	7698.3	7707.8

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0001	0	8.669	0.0001	0.0001
Al3082	308.215	{1 In2306	ppm	0.0592	0.0055	9.315	0.0553	0.0631
As1890	189.042	{4 Y_2243	ppm	-0.001	0.0007	69.38	-0.0005	-0.0014
B_2496	249.678	{1 Y_3710	ppm	0.454	0.0117	2.581	0.4457	0.4623
Ba4554	455.403	{ 7 Y_3710	ppm	0.0955	0.0001	0.1165	0.0956	0.0955
Be3130	313.042	{1 Y_3710	ppm	-0.0003	0	5.879	-0.0003	-0.0003
Ca3158	315.887	{1 In2306	ppm	1382	57.79	4.18	1341	1423
Ca3181	318.128	{1 In2306	ppm	1454	60.19	4.138	1412	1497
Cd2288	228.802	{4 Y_2243	ppm	0.0004	0.0001	19.58	0.0005	0.0004
Co2286	228.616	{4 In2306	ppm	0.0067	0.0003	4.366	0.007	0.0065
Cr2677	267.716	{1 Y_3600	ppm	0.0012	0.0006	49.47	0.0017	0.0008
Cu3247	324.754	{1 Y_3600	ppm	-0.0029	0.0004	14.32	-0.0026	-0.0032
Fe2404	240.488	{1 In2306	ppm	0.2306	0.0245	10.61	0.2133	0.2479
K_7664	766.490	{ 4 Y_3710	ppm	14.59	0.0614	0.4204	14.64	14.55
K_7698	769.896	{ 4 Y_3710	ppm	15.14	0.0974	0.6435	15.21	15.07
Li6707	670.784	{ 5 Y_3710	ppm	0.2363	0.001	0.4074	0.237	0.2356
Mg2790	279.079	{1 Y_3710	ppm	813.7	1.715	0.2107	814.9	812.5
Mn2576	257.610	{1 Y_3600	ppm	3.997	0.016	0.4015	3.986	4.009
Mn2576-2	257.610	{1 Y_3710	ppm	4.264	0.0119	0.2786	4.272	4.255
Mo2020	202.030	{4 Y_2243	ppm	0.0014	0.0001	10.57	0.0015	0.0013
Na5895	589.592	{ 5 Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4 Y_3710	ppm	3702	36.52	0.9865	3676	3728
Ni2316	231.604	{4 In2306	ppm	0.0021	0.0004	17.93	0.0024	0.0019
P_1782	178.284	{4 In2306	ppm	0.1035	0.0033	3.145	0.1058	0.1012
Pb2203	220.353	{4 In2306	ppm	-0.0013	0.0004	31.04	-0.0016	-0.001
S_1820	182.034	{4 Y_2243	ppm	-18050	96.6	0.5353	-18110	-17980
Sb2068	206.833	{4 Y_2243	ppm	-0.0003	0.0001	21.85	-0.0003	-0.0004
Se1960	196.090	{4 Y_2243	ppm	0.0034	0.0004	11.33	0.0032	0.0037
Si2516	251.611	{1 Y_3710	ppm	9.06	0.0166	0.1833	9.048	9.072
Sn1899	189.989	{4 In2306	ppm	0.0008	0	5.3	0.0007	0.0008
Sr4215	421.552	{ 8 Y_3710	ppm	10.56	0.0143	0.1351	10.57	10.55
Ti3349	334.904	{1 Y_3600	ppm	0.0072	0.0009	12.12	0.0079	0.0066
Tl1908	190.856	{4 In2306	ppm	-0.006	0.0017	28.58	-0.0048	-0.0072
V_2924	292.402	{1 Y_3600	ppm	-0.0059	0	0.3512	-0.0059	-0.0059
Zn2062	206.200	{4 In2306	ppm	0.0061	0.0004	6.492	0.0064	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	45.775	1.7954	3.9223	47.045	44.505
In2306	230.606	{4 Cts/S	5352.6	1.5423	0.02881	5351.5	5353.7
Y_2243	224.306	{4 Cts/S	8283.3	24	0.28973	8300.3	8266.4
Y_3600	360.073	{ 9 Cts/S	44872	7.4806	0.01667	44867	44877
Y_3710	371.030	{ 9 Cts/S	7271.4	21.977	0.30223	7255.9	7286.9

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:35:01
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.0007	0.0009	132.8	0	0.0013
Al3082	308.215	{1 In2306	ppm	-0.0028	0.0605	2172	-0.0456	0.04
As1890	189.042	{4 Y_2243	ppm	-0.0001	0.0017	1795	-0.0013	0.0011
B_2496	249.678	{1 Y_3710	ppm	0.6095	0.0004	0.0662	0.6098	0.6092
Ba4554	455.403	{ 7 Y_3710	ppm	0.0574	0.0001	0.1829	0.0575	0.0573
Be3130	313.042	{1 Y_3710	ppm	0	0.0002	3227	0.0002	-0.0002
Ca3158	315.887	{1 In2306	ppm	1153	50.3	4.362	1189	1118
Ca3181	318.128	{1 In2306	ppm	1196	52	4.346	1233	1160
Cd2288	228.802	{4 Y_2243	ppm	0.0004	0.0001	12.85	0.0005	0.0004
Co2286	228.616	{4 In2306	ppm	0.0062	0.0001	1.007	0.0062	0.0061
Cr2677	267.716	{1 Y_3600	ppm	0.0011	0	4.342	0.0011	0.0012
Cu3247	324.754	{1 Y_3600	ppm	-0.0032	0.0003	9.486	-0.003	-0.0034
Fe2404	240.488	{1 In2306	ppm	0.3	0.0197	6.55	0.2861	0.3139
K_7664	766.490	{ 4 Y_3710	ppm	7.768	0.0578	0.7442	7.809	7.728
K_7698	769.896	{ 4 Y_3710	ppm	7.893	0.048	0.6079	7.927	7.859
Li6707	670.784	{ 5 Y_3710	ppm	0.1636	0.0011	0.6994	0.1644	0.1628
Mg2790	279.079	{1 Y_3710	ppm	799.3	1.384	0.1731	798.3	800.2
Mn2576	257.610	{1 Y_3600	ppm	2.351	0.0087	0.369	2.345	2.357
Mn2576-2	257.610	{1 Y_3710	ppm	2.535	0.0057	0.2268	2.531	2.539
Mo2020	202.030	{4 Y_2243	ppm	0.0012	0	1.919	0.0012	0.0012
Na5895	589.592	{ 5 Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4 Y_3710	ppm	5436	13.82	0.2542	5427	5446
Ni2316	231.604	{4 In2306	ppm	0.0007	0	0.3933	0.0007	0.0008
P_1782	178.284	{4 In2306	ppm	0.1489	0.0001	0.0921	0.149	0.1488
Pb2203	220.353	{4 In2306	ppm	-0.0012	0.0024	195	0.0005	-0.0029
S_1820	182.034	{4 Y_2243	ppm	-25390	361.2	1.422	-25650	-25140
Sb2068	206.833	{4 Y_2243	ppm	-0.0022	0.0016	71.57	-0.0033	-0.0011
Se1960	196.090	{4 Y_2243	ppm	0.0029	0.0015	52.78	0.004	0.0018
Si2516	251.611	{1 Y_3710	ppm	9.493	0.0246	0.2591	9.476	9.511
Sn1899	189.989	{4 In2306	ppm	0.0001	0.0002	191.7	0.0003	0
Sr4215	421.552	{ 8 Y_3710	ppm	8.704	0.0125	0.1442	8.695	8.713
Ti3349	334.904	{1 Y_3600	ppm	0.0069	0.0005	6.903	0.0065	0.0072
Tl1908	190.856	{4 In2306	ppm	-0.0048	0.0006	12.19	-0.0052	-0.0043
V_2924	292.402	{1 Y_3600	ppm	-0.0051	0	0.0269	-0.0051	-0.0051
Zn2062	206.200	{4 In2306	ppm	0.0047	0.0001	2.231	0.0048	0.0047

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	46.38	2.1031	4.5344	44.893	47.867
In2306	230.606	{4 Cts/S	5090.7	31.057	0.61007	5068.8	5112.7
Y_2243	224.306	{4 Cts/S	7973.6	50.149	0.62894	7938.1	8009.1
Y_3600	360.073	{ 9 Cts/S	44473	188.25	0.42329	44606	44340

Y_3710	371.030 { 9	Cts/S	7141.3	3.039	0.04255	7139.1	7143.4	

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0009	0.0001	9.224	0.001	0.0009
Al3082	308.215 {1	In2306	ppm	0.1064	0.062	58.26	0.0626	0.1502
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.0001	5.481	-0.0011	-0.001
B_2496	249.678 {1	Y_3710	ppm	0.6328	0.036	5.686	0.6073	0.6582
Ba4554	455.403 { 7	Y_3710	ppm	0.0517	0.0019	3.747	0.0503	0.053
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	53.56	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	1214	124.1	10.22	1126	1301
Ca3181	318.128 {1	In2306	ppm	1264	128.6	10.17	1173	1355
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	37.15	0.0005	0.0003
Co2286	228.616 {4	In2306	ppm	0.0045	0	0.8472	0.0045	0.0045
Cr2677	267.716 {1	Y_3600	ppm	0.0014	0.0007	47.53	0.0018	0.0009
Cu3247	324.754 {1	Y_3600	ppm	-0.0031	0.0002	6.159	-0.003	-0.0032
Fe2404	240.488 {1	In2306	ppm	0.4195	0.0401	9.551	0.3912	0.4478
K_7664	766.490 { 4	Y_3710	ppm	11.6	0.2387	2.057	11.44	11.77
K_7698	769.896 { 4	Y_3710	ppm	11.95	0.2709	2.267	11.76	12.14
Li6707	670.784 { 5	Y_3710	ppm	0.1543	0.0036	2.332	0.1518	0.1569
Mg2790	279.079 {1	Y_3710	ppm	900.2	45.02	5.001	868.4	932
Mn2576	257.610 {1	Y_3600	ppm	1.919	0.0033	0.1697	1.921	1.916
Mn2576-2	257.610 {1	Y_3710	ppm	2.136	0.1028	4.813	2.064	2.209
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0001	14.62	0.0008	0.001
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	5406	229.9	4.254	5243	5568
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0004	35.6	0.0015	0.0009
P_1782	178.284 {4	In2306	ppm	0.1782	0.0057	3.188	0.1822	0.1741
Pb2203	220.353 {4	In2306	ppm	-0.0011	0.0024	218.5	-0.0028	0.0006
S_1820	182.034 {4	Y_2243	ppm	-26470	31.62	0.1194	-26500	-26450
Sb2068	206.833 {4	Y_2243	ppm	-0.0025	0.0001	3.344	-0.0024	-0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0021	357.9	0.002	-0.0009
Si2516	251.611 {1	Y_3710	ppm	9.962	0.3215	3.227	9.735	10.19
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0002	47.17	-0.0003	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	9.643	0.1356	1.406	9.547	9.739
Ti3349	334.904 {1	Y_3600	ppm	0.0069	0.0006	8.189	0.0073	0.0065
Tl1908	190.856 {4	In2306	ppm	-0.0061	0.0018	29.51	-0.0073	-0.0048
V_2924	292.402 {1	Y_3600	ppm	-0.0062	0.0001	2.071	-0.0063	-0.0061
Zn2062	206.200 {4	In2306	ppm	0.005	0	0.381	0.005	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	43.584	3.6632	8.4049	46.175	40.994
In2306	230.606 {4	Cts/S	5083.9	20.231	0.39795	5069.6	5098.2
Y_2243	224.306 {4	Cts/S	7926.7	35.22	0.44433	7901.8	7951.6

Y_3600	360.073 { 9	Cts/S	44728	245	0.54776	44554	44901
Y_3710	371.030 { 9	Cts/S	6889.7	239.01	3.4691	7058.7	6720.7

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Custom ID3=
Run Time=1/25/2012 10:40:32
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0006	3563	0.0004	-0.0004
Al3082	308.215 {1	In2306	ppm	0.2124	0.0069	3.231	0.2075	0.2172
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0009	49.37	0.0026	0.0012
B_2496	249.678 {1	Y_3710	ppm	0.5297	0.0192	3.629	0.5433	0.5161
Ba4554	455.403 { 7	Y_3710	ppm	0.057	0.0002	0.4199	0.0568	0.0571
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	24.22	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	620.8	15.54	2.503	609.8	631.7
Ca3181	318.128 {1	In2306	ppm	633.2	15.73	2.483	622.1	644.3
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0	10.79	0.0004	0.0004
Co2286	228.616 {4	In2306	ppm	0.0037	0.0001	2.039	0.0038	0.0037
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0005	40.78	0.0009	0.0017
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0.0004	16.27	-0.0024	-0.0031
Fe2404	240.488 {1	In2306	ppm	0.2188	0.0084	3.845	0.2128	0.2247
K_7664	766.490 { 4	Y_3710	ppm	6.184	0.0113	0.1835	6.192	6.175
K_7698	769.896 { 4	Y_3710	ppm	6.156	0.0273	0.4437	6.137	6.175
Li6707	670.784 { 5	Y_3710	ppm	0.0967	0.0004	0.3707	0.0964	0.097
Mg2790	279.079 {1	Y_3710	ppm	483.5	1.098	0.2271	482.7	484.3
Mn2576	257.610 {1	Y_3600	ppm	1.87	0.0035	0.1886	1.873	1.868
Mn2576-2	257.610 {1	Y_3710	ppm	1.952	0.003	0.1561	1.954	1.95
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0001	16.54	0.001	0.0008
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2702	7.405	0.274	2697	2708
Ni2316	231.604 {4	In2306	ppm	0.004	0	0.792	0.004	0.0039
P_1782	178.284 {4	In2306	ppm	0.0906	0.0018	2.014	0.0919	0.0893
Pb2203	220.353 {4	In2306	ppm	-0.0014	0.0021	153.5	0.0001	-0.0029
S_1820	182.034 {4	Y_2243	ppm	-12590	31.81	0.2527	-12560	-12610
Sb2068	206.833 {4	Y_2243	ppm	-0.0004	0	4.202	-0.0004	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0005	41.39	0.0016	0.0009
Si2516	251.611 {1	Y_3710	ppm	9.637	0.044	0.4571	9.606	9.668
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0006	148.8	0	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	4.795	0.0021	0.0442	4.793	4.796
Ti3349	334.904 {1	Y_3600	ppm	0.007	0.0005	7.466	0.0074	0.0067
Tl1908	190.856 {4	In2306	ppm	-0.0057	0.0031	54.93	-0.0078	-0.0035
V_2924	292.402 {1	Y_3600	ppm	-0.0031	0.0004	13.44	-0.0028	-0.0034
Zn2062	206.200 {4	In2306	ppm	0.011	0	0.3786	0.011	0.0109

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.459	0.99013	2.0863	48.159	46.759
In2306	230.606 {4	Cts/S	5894.5	14.236	0.24152	5904.6	5884.5

Y_2243	224.306 {4	Cts/S	8880.4	27.998	0.31528	8900.2	8860.6
Y_3600	360.073 { 9	Cts/S	46854	177.26	0.37832	46729	46979
Y_3710	371.030 { 9	Cts/S	7324.8	2.8436	0.03882	7322.8	7326.8

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Custom ID3=
Run Time=1/25/2012 10:43:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2439	0.0004	0.184	0.2442	0.2436
Al3082	308.215 {1	In2306	ppm	2.686	0.0028	0.1056	2.688	2.684
As1890	189.042 {4	Y_2243	ppm	0.4749	0.0001	0.0179	0.4749	0.475
B_2496	249.678 {1	Y_3710	ppm	0.4562	0.0153	3.358	0.4454	0.4671
Ba4554	455.403 { 7	Y_3710	ppm	0.4843	0.0026	0.5408	0.4825	0.4862
Be3130	313.042 {1	Y_3710	ppm	0.4886	0.0008	0.1649	0.4881	0.4892
Ca3158	315.887 {1	In2306	ppm	13.42	0.3272	2.438	13.65	13.19
Ca3181	318.128 {1	In2306	ppm	13.6	0.2965	2.18	13.81	13.39
Cd2288	228.802 {4	Y_2243	ppm	0.4774	0.002	0.4141	0.4788	0.476
Co2286	228.616 {4	In2306	ppm	0.4869	0.0012	0.2457	0.4877	0.486
Cr2677	267.716 {1	Y_3600	ppm	0.493	0.002	0.4028	0.4944	0.4916
Cu3247	324.754 {1	Y_3600	ppm	0.485	0.0029	0.5915	0.487	0.483
Fe2404	240.488 {1	In2306	ppm	2.563	0.0559	2.181	2.602	2.523
K_7664	766.490 { 4	Y_3710	ppm	12.97	0.192	1.48	12.84	13.11
K_7698	769.896 { 4	Y_3710	ppm	13.11	0.1181	0.9011	13.02	13.19
Li6707	670.784 { 5	Y_3710	ppm	0.511	0.0105	2.062	0.5036	0.5185
Mg2790	279.079 {1	Y_3710	ppm	4.871	0.0329	0.6748	4.848	4.894
Mn2576	257.610 {1	Y_3600	ppm	0.4895	0.0022	0.4573	0.4879	0.4911
Mn2576-2	257.610 {1	Y_3710	ppm	0.4604	0.0031	0.6797	0.4627	0.4582
Mo2020	202.030 {4	Y_2243	ppm	0.4736	0.005	1.056	0.4772	0.4701
Na5895	589.592 { 5	Y_3710	ppm	13.43	0.1462	1.089	13.32	13.53
Na8183	818.326 { 4	Y_3710	ppm	13.23	0.0216	0.1631	13.21	13.24
Ni2316	231.604 {4	In2306	ppm	0.4724	0.0007	0.1378	0.4728	0.4719
P_1782	178.284 {4	In2306	ppm	0.0026	0.0006	25.25	0.0021	0.003
Pb2203	220.353 {4	In2306	ppm	0.4782	0.0027	0.5558	0.48	0.4763
S_1820	182.034 {4	Y_2243	ppm	-107.5	81.45	75.75	-49.93	-165.1
Sb2068	206.833 {4	Y_2243	ppm	0.4649	0.0026	0.555	0.4667	0.463
Se1960	196.090 {4	Y_2243	ppm	0.4789	0.0006	0.1356	0.4785	0.4794
Si2516	251.611 {1	Y_3710	ppm	0.7862	0.002	0.2557	0.7848	0.7876
Sn1899	189.989 {4	In2306	ppm	0.4956	0.0006	0.1285	0.4961	0.4952
Sr4215	421.552 { 8	Y_3710	ppm	0.2449	0.0001	0.0257	0.2449	0.2449
Ti3349	334.904 {1	Y_3600	ppm	0.506	0.0023	0.4542	0.5044	0.5076
Tl1908	190.856 {4	In2306	ppm	0.4771	0.0144	3.015	0.4873	0.467
V_2924	292.402 {1	Y_3600	ppm	0.505	0.0015	0.2888	0.504	0.506
Zn2062	206.200 {4	In2306	ppm	0.4834	0.0007	0.1429	0.4829	0.4839

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.522	0.74355	1.3638	53.996	55.048

In2306	230.606 {4	Cts/S	9444.3	252.83	2.6771	9623.1	9265.6
Y_2243	224.306 {4	Cts/S	12557	198.72	1.5826	12697	12416
Y_3600	360.073 { 9	Cts/S	46758	93.87	0.20075	46825	46692
Y_3710	371.030 { 9	Cts/S	8260.4	13.7	0.16585	8270.1	8250.7

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Username=admin
Comment=
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Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:45:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0003	6.208	0.005	0.0046
Al3082	308.215 {1	In2306	ppm	0.0811	0.0074	9.129	0.0759	0.0863
As1890	189.042 {4	Y_2243	ppm	0.0106	0.0005	4.731	0.011	0.0103
B_2496	249.678 {1	Y_3710	ppm	0.0097	0.008	82.4	0.0154	0.0041
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0001	0.7127	0.0097	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0049	0	0.2667	0.0049	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1029	0.0066	6.379	0.0983	0.1076
Ca3181	318.128 {1	In2306	ppm	0.1789	0.0484	27.06	0.2131	0.1446
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0009	16.2	0.0048	0.006
Co2286	228.616 {4	In2306	ppm	0.0104	0.001	9.86	0.0097	0.0112
Cr2677	267.716 {1	Y_3600	ppm	0.01	0	0.051	0.01	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.008	0.0002	2.894	0.0079	0.0082
Fe2404	240.488 {1	In2306	ppm	0.0935	0.0102	10.87	0.1007	0.0863
K_7664	766.490 { 4	Y_3710	ppm	0.6461	0.0008	0.1234	0.6466	0.6455
K_7698	769.896 { 4	Y_3710	ppm	0.3718	0.0092	2.474	0.3653	0.3783
Li6707	670.784 { 5	Y_3710	ppm	0.01	0	0.4092	0.0099	0.01
Mg2790	279.079 {1	Y_3710	ppm	0.0822	0.0266	32.3	0.0635	0.101
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0.0001	0.6316	0.0104	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0089	0.0006	6.537	0.0093	0.0085
Mo2020	202.030 {4	Y_2243	ppm	0.0114	0.0016	13.78	0.0103	0.0125
Na5895	589.592 { 5	Y_3710	ppm	0.9956	0.0105	1.058	1.003	0.9881
Na8183	818.326 { 4	Y_3710	ppm	0.9582	0.0043	0.4509	0.9552	0.9613
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0009	8.875	0.0094	0.0107
P_1782	178.284 {4	In2306	ppm	0.0128	0.0006	4.982	0.0132	0.0123
Pb2203	220.353 {4	In2306	ppm	0.011	0.0002	1.5	0.0108	0.0111
S_1820	182.034 {4	Y_2243	ppm	-2.168	0.8507	39.24	-1.567	-2.77
Sb2068	206.833 {4	Y_2243	ppm	0.0167	0.0009	5.096	0.0161	0.0173
Se1960	196.090 {4	Y_2243	ppm	0.0087	0.0005	5.48	0.0084	0.0091
Si2516	251.611 {1	Y_3710	ppm	-0.0323	0.0022	6.806	-0.0339	-0.0308
Sn1899	189.989 {4	In2306	ppm	0.0106	0.0017	16.06	0.0094	0.0118
Sr4215	421.552 { 8	Y_3710	ppm	0.0051	0	0.4053	0.0051	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0107	0.0007	6.296	0.0102	0.0111
Tl1908	190.856 {4	In2306	ppm	0.0149	0.0024	16.32	0.0132	0.0166
V_2924	292.402 {1	Y_3600	ppm	0.0096	0.0005	5.648	0.0093	0.01
Zn2062	206.200 {4	In2306	ppm	0.0092	0.0009	10.22	0.0085	0.0098

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	57.655	0.25022	0.43399	57.832	57.478
In2306	230.606 {4	Cts/S	10165	18.453	0.18152	10179	10152
Y_2243	224.306 {4	Cts/S	12916	32.528	0.25184	12939	12893
Y_3600	360.073 { 9	Cts/S	45742	106.56	0.23296	45666	45817
Y_3710	371.030 { 9	Cts/S	8448.1	21.452	0.25393	8463.3	8433

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:48:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	81.93	0.0001	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0672	0.0258	38.44	-0.0855	-0.049
As1890	189.042 {4	Y_2243	ppm	-0.001	0.0004	36.46	-0.0012	-0.0007
B_2496	249.678 {1	Y_3710	ppm	-0.01	0.0037	36.85	-0.0127	-0.0074
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0002	2009	-0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	33.03	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	0.0242	0.0203	84.03	0.0098	0.0385
Ca3181	318.128 {1	In2306	ppm	0.1026	0.0231	22.54	0.119	0.0863
Cd2288	228.802 {4	Y_2243	ppm	0	0	274.9	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	20.13	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0005	163.5	0	-0.0007
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	6.758	-0.0019	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0143	0.001	7.344	-0.015	-0.0135
K_7664	766.490 { 4	Y_3710	ppm	0.019	0.0026	13.5	0.0208	0.0172
K_7698	769.896 { 4	Y_3710	ppm	-0.0146	0.005	34.2	-0.0181	-0.0111
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	112.3	0.0001	0
Mg2790	279.079 {1	Y_3710	ppm	-0.009	0.0048	53.31	-0.0056	-0.0124
Mn2576	257.610 {1	Y_3600	ppm	0.0003	0	1.591	0.0003	0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0006	0.0008	120.6	-0.0001	-0.0012
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0003	104	0.0001	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.3244	0.0153	4.717	0.3136	0.3352
Na8183	818.326 { 4	Y_3710	ppm	0.2603	0.0908	34.86	0.3245	0.1962
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	96.41	0.0001	0
P_1782	178.284 {4	In2306	ppm	0.0007	0.0007	102.2	0.0011	0.0002
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.001	836.2	0.0006	-0.0008
S_1820	182.034 {4	Y_2243	ppm	-2.653	0.0178	0.6726	-2.64	-2.665
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0004	18.56	0.002	0.0026
Se1960	196.090 {4	Y_2243	ppm	-0.001	0.0004	40.11	-0.0013	-0.0007
Si2516	251.611 {1	Y_3710	ppm	-0.0168	0.0551	327.5	-0.0558	0.0222
Sn1899	189.989 {4	In2306	ppm	0.0003	0	3.54	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	33.72	0.0002	0.0003
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	42.06	0.0002	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0017	0.0006	37.2	0.0022	0.0013
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0003	225.2	0.0001	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0002	132	0	0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.57	1.0405	1.9068	53.834	55.306
In2306	230.606 {4	Cts/S	10155	33.73	0.33214	10131	10179
Y_2243	224.306 {4	Cts/S	12865	65.072	0.50583	12818	12911
Y_3600	360.073 { 9	Cts/S	45638	61.941	0.13572	45682	45594
Y_3710	371.030 { 9	Cts/S	8219.3	126.56	1.5397	8129.8	8308.7

[Sample Header]
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SampleName=600-48925-C-9-A
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:51:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0004	74.66	0.0002	0.0008
Al3082	308.215 {1	In2306	ppm	0.0055	0.0143	262.2	-0.0047	0.0156
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0016	925.8	-0.0013	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.5846	0.0139	2.376	0.5748	0.5944
Ba4554	455.403 { 7	Y_3710	ppm	0.1318	0.0005	0.3779	0.1321	0.1314
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	351.4	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	393.2	6.051	1.539	389	397.5
Ca3181	318.128 {1	In2306	ppm	399.4	5.995	1.501	395.2	403.7
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	46.86	0.0004	0.0002
Co2286	228.616 {4	In2306	ppm	0.0188	0.0002	1.078	0.0187	0.019
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0003	18.36	0.0016	0.0021
Cu3247	324.754 {1	Y_3600	ppm	-0.0025	0.0001	2.785	-0.0025	-0.0024
Fe2404	240.488 {1	In2306	ppm	0.3784	0.0404	10.67	0.3499	0.407
K_7664	766.490 { 4	Y_3710	ppm	3.409	0.045	1.321	3.441	3.378
K_7698	769.896 { 4	Y_3710	ppm	3.247	0.0377	1.16	3.274	3.22
Li6707	670.784 { 5	Y_3710	ppm	0.0319	0.0005	1.719	0.0323	0.0315
Mg2790	279.079 {1	Y_3710	ppm	336.4	1.279	0.38	335.5	337.3
Mn2576	257.610 {1	Y_3600	ppm	6.928	0.0037	0.054	6.931	6.925
Mn2576-2	257.610 {1	Y_3710	ppm	7.295	0.0167	0.2291	7.283	7.307
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	24.58	0.0003	0.0004
Na5895	589.592 { 5	Y_3710	ppm	950.1	2.681	0.2822	948.2	952
Na8183	818.326 { 4	Y_3710	ppm	1551	12.21	0.787	1560	1543
Ni2316	231.604 {4	In2306	ppm	0.0135	0.0002	1.522	0.0137	0.0134
P_1782	178.284 {4	In2306	ppm	0.1025	0.0007	0.7244	0.103	0.102
Pb2203	220.353 {4	In2306	ppm	0	0	69.9	0	0
S_1820	182.034 {4	Y_2243	ppm	-3252	25.74	0.7918	-3270	-3233
Sb2068	206.833 {4	Y_2243	ppm	-0.0001	0.0002	137.6	0	-0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0008	103.5	0.0002	0.0013
Si2516	251.611 {1	Y_3710	ppm	6.34	0.0426	0.6719	6.31	6.371
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0005	311.9	-0.0002	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	3.582	0.0044	0.1215	3.585	3.579
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0003	12.29	0.003	0.0025
Tl1908	190.856 {4	In2306	ppm	-0.0088	0.0004	4.256	-0.0091	-0.0085
V_2924	292.402 {1	Y_3600	ppm	-0.003	0	0.8253	-0.003	-0.0031
Zn2062	206.200 {4	In2306	ppm	0.0038	0.0001	2.617	0.0038	0.0037

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.175	0.45938	0.91555	50.5	49.85
In2306	230.606 {4	Cts/S	6608.3	2.4497	0.03707	6610	6606.5
Y_2243	224.306 {4	Cts/S	9760.2	8.5865	0.08797	9754.2	9766.3
Y_3600	360.073 { 9	Cts/S	48895	78.192	0.15992	48840	48950
Y_3710	371.030 { 9	Cts/S	7699.2	7.6999	0.10001	7704.7	7693.8

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=600-48928-C-1-A
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:53:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0007	975.1	0.0005	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0215	0.0271	126.2	0.0023	0.0406
As1890	189.042 {4	Y_2243	ppm	0.025	0.0013	5.173	0.0259	0.0241
B_2496	249.678 {1	Y_3710	ppm	0.1841	0.0045	2.436	0.1872	0.1809
Ba4554	455.403 { 7	Y_3710	ppm	0.154	0.0003	0.1838	0.1538	0.1542
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	89.77	0	0.0002
Ca3158	315.887 {1	In2306	ppm	107.8	2.26	2.097	106.2	109.4
Ca3181	318.128 {1	In2306	ppm	108.7	2.761	2.54	106.8	110.7
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	247.3	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0141	0.0001	0.814	0.0142	0.0141
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0001	9.232	0.0015	0.0017
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0	0.4172	-0.0027	-0.0027
Fe2404	240.488 {1	In2306	ppm	2.406	0.0158	0.6552	2.395	2.417
K_7664	766.490 { 4	Y_3710	ppm	0.3273	0.009	2.762	0.3209	0.3337
K_7698	769.896 { 4	Y_3710	ppm	-0.0141	0.0196	138.9	-0.0003	-0.028
Li6707	670.784 { 5	Y_3710	ppm	0.0109	0	0.0134	0.0109	0.0109
Mg2790	279.079 {1	Y_3710	ppm	26.46	0.1055	0.3987	26.38	26.53
Mn2576	257.610 {1	Y_3600	ppm	0.6078	0.0023	0.3774	0.6094	0.6061
Mn2576-2	257.610 {1	Y_3710	ppm	0.5858	0.0036	0.6115	0.5883	0.5832
Mo2020	202.030 {4	Y_2243	ppm	0.0043	0.0003	6.748	0.0045	0.0041
Na5895	589.592 { 5	Y_3710	ppm	222.2	4.591	2.066	218.9	225.4
Na8183	818.326 { 4	Y_3710	ppm	252.6	1.138	0.4506	251.8	253.4
Ni2316	231.604 {4	In2306	ppm	0.003	0.0001	4.727	0.0029	0.0031
P_1782	178.284 {4	In2306	ppm	0.079	0.0021	2.686	0.0805	0.0775
Pb2203	220.353 {4	In2306	ppm	0	0.0002	2721	0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-1324	9.604	0.7251	-1318	-1331
Sb2068	206.833 {4	Y_2243	ppm	0.0002	0	14.31	0.0002	0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0008	123.9	-0.0012	-0.0001
Si2516	251.611 {1	Y_3710	ppm	10.47	0.0203	0.1935	10.48	10.45
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0003	51.6	0.0007	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.6083	0.0005	0.0897	0.6079	0.6087
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0001	25.13	0.0004	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.001	0.0001	7.09	-0.0011	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0001	33.51	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	0.01	0	0.2602	0.01	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.19	1.3129	2.4227	55.119	53.262
In2306	230.606 {4	Cts/S	8272.6	14.697	0.17766	8283	8262.2
Y_2243	224.306 {4	Cts/S	11538	25.7	0.22275	11519	11556
Y_3600	360.073 { 9	Cts/S	48657	81.745	0.168	48715	48599
Y_3710	371.030 { 9	Cts/S	8070.6	20.529	0.25437	8085.2	8056.1

[Sample Header]
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SampleName=600-48928-C-1-B DU
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:56:23
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0005	6500	0.0004	-0.0003
Al3082	308.215 {1	In2306	ppm	0.003	0.0465	1548	-0.0299	0.0359
As1890	189.042 {4	Y_2243	ppm	0.0253	0.0002	0.8748	0.0254	0.0251
B_2496	249.678 {1	Y_3710	ppm	0.1831	0.002	1.09	0.1817	0.1846
Ba4554	455.403 { 7	Y_3710	ppm	0.1577	0.001	0.6552	0.1585	0.157
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	77.15	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	114.5	2.333	2.038	112.8	116.1
Ca3181	318.128 {1	In2306	ppm	115.1	2.817	2.448	113.1	117.1
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	71.21	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0149	0.0001	0.9812	0.015	0.0148
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0001	14.58	0.0008	0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	7.71	-0.0019	-0.0021
Fe2404	240.488 {1	In2306	ppm	2.553	0.0702	2.749	2.504	2.603
K_7664	766.490 { 4	Y_3710	ppm	0.3108	0.0143	4.616	0.321	0.3007
K_7698	769.896 { 4	Y_3710	ppm	-0.011	0.0141	127.8	-0.021	-0.0011
Li6707	670.784 { 5	Y_3710	ppm	0.011	0.0004	3.782	0.0113	0.0107
Mg2790	279.079 {1	Y_3710	ppm	26.81	0.0755	0.2816	26.76	26.87
Mn2576	257.610 {1	Y_3600	ppm	0.6184	0.0033	0.5375	0.6207	0.616
Mn2576-2	257.610 {1	Y_3710	ppm	0.5955	0.0003	0.0422	0.5953	0.5957
Mo2020	202.030 {4	Y_2243	ppm	0.0045	0	0.7895	0.0044	0.0045
Na5895	589.592 { 5	Y_3710	ppm	223.2	8.484	3.8	229.2	217.2
Na8183	818.326 { 4	Y_3710	ppm	256.7	2.352	0.9163	258.4	255
Ni2316	231.604 {4	In2306	ppm	0.0028	0.0001	5.42	0.0029	0.0027
P_1782	178.284 {4	In2306	ppm	0.0806	0.0004	0.4447	0.0804	0.0809
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0007	134.6	0.001	0
S_1820	182.034 {4	Y_2243	ppm	-1344	1.037	0.0772	-1345	-1344
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0016	259	0.0017	-0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.001	62.76	0.0023	0.0009
Si2516	251.611 {1	Y_3710	ppm	10.88	0.0433	0.3982	10.91	10.85
Sn1899	189.989 {4	In2306	ppm	-0.0007	0.0007	97.49	-0.0011	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.6214	0.0028	0.4565	0.6234	0.6194
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0002	25.07	0.0008	0.0011
Tl1908	190.856 {4	In2306	ppm	-0.0007	0.0007	100.8	-0.0012	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0001	15.46	0.001	0.0008

Zn2062	206.200 {4	In2306	ppm	0.01	0	0.0887	0.01	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.401	0.33122	0.63209	52.635	52.166
In2306	230.606 {4	Cts/S	8277.4	37.237	0.44986	8251	8303.7
Y_2243	224.306 {4	Cts/S	11501	66.886	0.58155	11454	11549
Y_3600	360.073 { 9	Cts/S	48640	67.507	0.13879	48688	48593
Y_3710	371.030 { 9	Cts/S	8088	47.197	0.58354	8054.6	8121.4

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Custom ID3=
Run Time=1/25/2012 10:59:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5117	0.0031	0.6111	0.5139	0.5094
Al3082	308.215 {1	In2306	ppm	10.6	0.0388	0.3665	10.57	10.63
As1890	189.042 {4	Y_2243	ppm	1.027	0.0026	0.2508	1.029	1.025
B_2496	249.678 {1	Y_3710	ppm	1.164	0.0045	0.3872	1.167	1.16
Ba4554	455.403 { 7	Y_3710	ppm	1.126	0.0014	0.1226	1.127	1.125
Be3130	313.042 {1	Y_3710	ppm	0.4875	0.0006	0.1304	0.487	0.4879
Ca3158	315.887 {1	In2306	ppm	121.7	1.53	1.257	120.6	122.7
Ca3181	318.128 {1	In2306	ppm	122.4	1.766	1.443	121.2	123.7
Cd2288	228.802 {4	Y_2243	ppm	0.4946	0.0015	0.2981	0.4956	0.4936
Co2286	228.616 {4	In2306	ppm	1.018	0.0035	0.3416	1.02	1.015
Cr2677	267.716 {1	Y_3600	ppm	0.9467	0.0037	0.3958	0.9441	0.9494
Cu3247	324.754 {1	Y_3600	ppm	1.037	0.0029	0.2785	1.04	1.035
Fe2404	240.488 {1	In2306	ppm	12.54	0.1071	0.8541	12.47	12.62
K_7664	766.490 { 4	Y_3710	ppm	10.88	0.0237	0.2183	10.86	10.89
K_7698	769.896 { 4	Y_3710	ppm	11	0.0163	0.1485	11.01	10.99
Li6707	670.784 { 5	Y_3710	ppm	0.5291	0.0003	0.0487	0.5293	0.5289
Mg2790	279.079 {1	Y_3710	ppm	37.03	0.2865	0.7738	36.83	37.23
Mn2576	257.610 {1	Y_3600	ppm	1.553	0.003	0.1959	1.555	1.551
Mn2576-2	257.610 {1	Y_3710	ppm	1.522	0.0149	0.9789	1.511	1.532
Mo2020	202.030 {4	Y_2243	ppm	0.9449	0.0034	0.3567	0.9473	0.9426
Na5895	589.592 { 5	Y_3710	ppm	231.5	4.642	2.006	228.2	234.7
Na8183	818.326 { 4	Y_3710	ppm	270.3	0.647	0.2393	269.9	270.8
Ni2316	231.604 {4	In2306	ppm	0.9737	0.0041	0.417	0.9766	0.9708
P_1782	178.284 {4	In2306	ppm	0.0787	0.0011	1.458	0.0779	0.0795
Pb2203	220.353 {4	In2306	ppm	0.962	0.0027	0.2855	0.9639	0.96
S_1820	182.034 {4	Y_2243	ppm	-1325	0.5534	0.0418	-1326	-1325
Sb2068	206.833 {4	Y_2243	ppm	0.9601	0.0077	0.7992	0.9656	0.9547
Se1960	196.090 {4	Y_2243	ppm	1.003	0.0009	0.092	1.002	1.003
Si2516	251.611 {1	Y_3710	ppm	11.02	0.0322	0.2925	11.04	11
Sn1899	189.989 {4	In2306	ppm	1.02	0.0066	0.6516	1.025	1.015
Sr4215	421.552 { 8	Y_3710	ppm	1.107	0.0022	0.1988	1.108	1.105
Ti3349	334.904 {1	Y_3600	ppm	0.9789	0.0054	0.5516	0.9828	0.9751
Tl1908	190.856 {4	In2306	ppm	0.9427	0.0157	1.664	0.9538	0.9316

V_2924	292.402 {1	Y_3600	ppm	0.9758	0.0017	0.1723	0.9769	0.9746
Zn2062	206.200 {4	In2306	ppm	1.023	0.0028	0.2746	1.025	1.021

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.635	0.48294	0.90042	53.977	53.294
In2306	230.606 {4	Cts/S	8137	6.7109	0.08247	8141.7	8132.2
Y_2243	224.306 {4	Cts/S	11575	4.6818	0.04045	11578	11571
Y_3600	360.073 { 9	Cts/S	48254	105.3	0.21822	48180	48329
Y_3710	371.030 { 9	Cts/S	7956.1	7.8006	0.09805	7961.6	7950.5

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Custom ID3=
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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.514	0.0011	0.2169	0.5132	0.5148
Al3082	308.215 {1	In2306	ppm	10.89	0.297	2.726	11.1	10.68
As1890	189.042 {4	Y_2243	ppm	1.042	0.0064	0.6106	1.038	1.047
B_2496	249.678 {1	Y_3710	ppm	1.17	0.0089	0.7628	1.164	1.177
Ba4554	455.403 { 7	Y_3710	ppm	1.145	0.0043	0.373	1.148	1.142
Be3130	313.042 {1	Y_3710	ppm	0.494	0.0006	0.1194	0.4944	0.4936
Ca3158	315.887 {1	In2306	ppm	121.1	3.018	2.491	123.3	119
Ca3181	318.128 {1	In2306	ppm	121.9	2.696	2.213	123.8	120
Cd2288	228.802 {4	Y_2243	ppm	0.5015	0.0004	0.0879	0.5012	0.5018
Co2286	228.616 {4	In2306	ppm	1.029	0.0009	0.0911	1.03	1.028
Cr2677	267.716 {1	Y_3600	ppm	0.9581	0.0013	0.1339	0.9572	0.959
Cu3247	324.754 {1	Y_3600	ppm	1.052	0.0012	0.1184	1.053	1.051
Fe2404	240.488 {1	In2306	ppm	12.57	0.3292	2.619	12.8	12.34
K_7664	766.490 { 4	Y_3710	ppm	11.31	0.08	0.7074	11.36	11.25
K_7698	769.896 { 4	Y_3710	ppm	11.4	0.0386	0.3385	11.42	11.37
Li6707	670.784 { 5	Y_3710	ppm	0.5514	0.0024	0.436	0.5531	0.5497
Mg2790	279.079 {1	Y_3710	ppm	37.4	0.2374	0.6347	37.57	37.23
Mn2576	257.610 {1	Y_3600	ppm	1.565	0.0038	0.2418	1.562	1.567
Mn2576-2	257.610 {1	Y_3710	ppm	1.535	0.0071	0.4656	1.54	1.53
Mo2020	202.030 {4	Y_2243	ppm	0.9606	0.0039	0.4112	0.9578	0.9634
Na5895	589.592 { 5	Y_3710	ppm	240.5	3.222	1.339	242.8	238.3
Na8183	818.326 { 4	Y_3710	ppm	275.9	0.954	0.3458	276.5	275.2
Ni2316	231.604 {4	In2306	ppm	0.9891	0.0051	0.5196	0.9855	0.9927
P_1782	178.284 {4	In2306	ppm	0.0801	0.0014	1.725	0.0811	0.0791
Pb2203	220.353 {4	In2306	ppm	0.9737	0.0036	0.3744	0.9711	0.9762
S_1820	182.034 {4	Y_2243	ppm	-1342	4.654	0.3468	-1339	-1345
Sb2068	206.833 {4	Y_2243	ppm	0.9831	0.0027	0.2744	0.9812	0.985
Se1960	196.090 {4	Y_2243	ppm	1.019	0.0067	0.6535	1.014	1.024
Si2516	251.611 {1	Y_3710	ppm	11.21	0.1084	0.9666	11.29	11.14
Sn1899	189.989 {4	In2306	ppm	1.033	0.0027	0.2622	1.035	1.031
Sr4215	421.552 { 8	Y_3710	ppm	1.121	0.0031	0.2771	1.123	1.119
Ti3349	334.904 {1	Y_3600	ppm	0.9918	0.0005	0.053	0.9922	0.9915

Tl1908	190.856 {4	In2306	ppm	0.9588	0.0088	0.9151	0.965	0.9526
V_2924	292.402 {1	Y_3600	ppm	0.9925	0.0026	0.2585	0.9907	0.9943
Zn2062	206.200 {4	In2306	ppm	1.035	0.0011	0.1074	1.036	1.035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.509	1.5496	2.896	52.414	54.605
In2306	230.606 {4	Cts/S	8133.7	1.6023	0.0197	8134.8	8132.5
Y_2243	224.306 {4	Cts/S	11557	23.34	0.20195	11574	11541
Y_3600	360.073 { 9	Cts/S	48083	93.22	0.19387	48017	48149
Y_3710	371.030 { 9	Cts/S	7898.6	31.371	0.39718	7876.4	7920.8

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0001	14.22	0.0006	0.0007
Al3082	308.215 {1	In2306	ppm	0.0158	0.0139	88.01	0.006	0.0257
As1890	189.042 {4	Y_2243	ppm	0.0311	0.0061	19.73	0.0267	0.0354
B_2496	249.678 {1	Y_3710	ppm	0.129	0.0161	12.5	0.1404	0.1176
Ba4554	455.403 { 7	Y_3710	ppm	0.3414	0.0009	0.2699	0.3407	0.342
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	49.65	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	148.4	0.0868	0.0585	148.3	148.4
Ca3181	318.128 {1	In2306	ppm	149.8	0.2607	0.1741	149.6	150
Cd2288	228.802 {4	Y_2243	ppm	0.0026	0.0032	122.4	0.0004	0.0049
Co2286	228.616 {4	In2306	ppm	0.0142	0.0068	48.04	0.0094	0.019
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0004	46.9	0.0012	0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0001	17.24	-0.0004	-0.0006
Fe2404	240.488 {1	In2306	ppm	1.634	0.0125	0.767	1.643	1.625
K_7664	766.490 { 4	Y_3710	ppm	1.545	0.0374	2.417	1.519	1.572
K_7698	769.896 { 4	Y_3710	ppm	1.29	0.0248	1.922	1.272	1.307
Li6707	670.784 { 5	Y_3710	ppm	0.0421	0.0009	2.21	0.0414	0.0428
Mg2790	279.079 {1	Y_3710	ppm	35.01	0.1933	0.5519	35.15	34.88
Mn2576	257.610 {1	Y_3600	ppm	0.5251	0.0015	0.2774	0.5262	0.5241
Mn2576-2	257.610 {1	Y_3710	ppm	0.5122	0.0035	0.6828	0.5147	0.5097
Mo2020	202.030 {4	Y_2243	ppm	0.0087	0.0082	94.64	0.0029	0.0145
Na5895	589.592 { 5	Y_3710	ppm	249.8	4.776	1.912	253.1	246.4
Na8183	818.326 { 4	Y_3710	ppm	298.9	3.436	1.15	296.4	301.3
Ni2316	231.604 {4	In2306	ppm	0.0066	0.0064	96.73	0.0021	0.0111
P_1782	178.284 {4	In2306	ppm	0.0889	0.0013	1.475	0.0898	0.088
Pb2203	220.353 {4	In2306	ppm	0.0038	0.0046	121.1	0.0005	0.007
S_1820	182.034 {4	Y_2243	ppm	-700.9	1.293	0.1845	-700	-701.9
Sb2068	206.833 {4	Y_2243	ppm	0.0209	0.0052	24.87	0.0173	0.0246
Se1960	196.090 {4	Y_2243	ppm	0.0046	0.0045	98.86	0.0014	0.0078
Si2516	251.611 {1	Y_3710	ppm	9.946	0.0137	0.1376	9.937	9.956
Sn1899	189.989 {4	In2306	ppm	0.0079	0.0086	109	0.0018	0.0139
Sr4215	421.552 { 8	Y_3710	ppm	0.7267	0.0009	0.1176	0.7261	0.7273

Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0001	3.92	0.0031	0.0032
Tl1908	190.856 {4	In2306	ppm	0.0109	0.0124	113.7	0.0021	0.0196
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0	7.979	-0.0004	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0246	0.0068	27.56	0.0198	0.0294

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.518	0.73192	1.3184	56.035	55
In2306	230.606 {4	Cts/S	8106.2	2.0023	0.0247	8104.8	8107.6
Y_2243	224.306 {4	Cts/S	11316	14.427	0.1275	11306	11326
Y_3600	360.073 { 9	Cts/S	48885	161.09	0.32953	48999	48771
Y_3710	371.030 { 9	Cts/S	8012	13.859	0.17297	8021.8	8002.2

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0005	86.44	-0.0009	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0216	0.0201	93.24	0.0358	0.0074
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0004	33.3	0.0014	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0824	0.0024	2.91	0.0841	0.0807
Ba4554	455.403 { 7	Y_3710	ppm	0.3211	0.0017	0.5402	0.3223	0.3199
Be3130	313.042 {1	Y_3710	ppm	0	0	44.58	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	913.9	0.6394	0.07	913.4	914.3
Ca3181	318.128 {1	In2306	ppm	939.3	2.316	0.2466	937.7	940.9
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	49.72	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0009	0.0004	46.92	0.0006	0.0012
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0004	70.78	0.0009	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.001	0.0005	43.46	-0.0014	-0.0007
Fe2404	240.488 {1	In2306	ppm	0.0961	0.01	10.38	0.0891	0.1032
K_7664	766.490 { 4	Y_3710	ppm	3.157	0.075	2.374	3.21	3.104
K_7698	769.896 { 4	Y_3710	ppm	2.987	0.0883	2.954	3.05	2.925
Li6707	670.784 { 5	Y_3710	ppm	0.0848	0.0027	3.21	0.0868	0.0829
Mg2790	279.079 {1	Y_3710	ppm	82.43	0.2199	0.2668	82.28	82.59
Mn2576	257.610 {1	Y_3600	ppm	0.0511	0.0002	0.3288	0.0512	0.051
Mn2576-2	257.610 {1	Y_3710	ppm	0.0518	0.0011	2.041	0.0525	0.051
Mo2020	202.030 {4	Y_2243	ppm	0.0012	0.0005	40.99	0.0009	0.0015
Na5895	589.592 { 5	Y_3710	ppm	562.7	6.974	1.239	557.7	567.6
Na8183	818.326 { 4	Y_3710	ppm	783.5	9.704	1.238	790.4	776.7
Ni2316	231.604 {4	In2306	ppm	0.0009	0.0004	40.08	0.0011	0.0006
P_1782	178.284 {4	In2306	ppm	0.0928	0.0032	3.434	0.0951	0.0906
Pb2203	220.353 {4	In2306	ppm	-0.0008	0.0003	37.41	-0.0006	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-1913	45.89	2.399	-1945	-1880
Sb2068	206.833 {4	Y_2243	ppm	0.0051	0.0021	42.07	0.0036	0.0066
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0001	28.14	0.0003	0.0005
Si2516	251.611 {1	Y_3710	ppm	6.779	0.0111	0.1638	6.787	6.771
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	57.8	0.0001	0.0003

Sr4215	421.552 { 8	Y_3710	ppm	3.161	0.0144	0.4548	3.171	3.151
Ti3349	334.904 {1	Y_3600	ppm	0.0041	0.0001	1.501	0.0041	0.004
Tl1908	190.856 {4	In2306	ppm	0.0024	0.0013	54.53	0.0015	0.0034
V_2924	292.402 {1	Y_3600	ppm	-0.0008	0.0002	22.06	-0.0007	-0.001
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0003	8.594	0.0029	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.918	0.56986	1.1416	49.516	50.321
In2306	230.606 {4	Cts/S	6939.5	110.06	1.586	6861.6	7017.3
Y_2243	224.306 {4	Cts/S	10064	202.74	2.0144	9920.9	10208
Y_3600	360.073 { 9	Cts/S	49057	310.55	0.63304	48838	49277
Y_3710	371.030 { 9	Cts/S	7728.4	22.573	0.29208	7712.4	7744.4

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Custom ID3=
Run Time=1/25/2012 11:09:21
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	61.8	0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	0.0261	0.0216	82.88	0.0108	0.0414
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0001	154.5	0	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.1529	0.0014	0.9381	0.1519	0.154
Ba4554	455.403 { 7	Y_3710	ppm	0.2051	0.0007	0.3281	0.2056	0.2046
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	868.8	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	126.3	1.984	1.57	124.9	127.7
Ca3181	318.128 {1	In2306	ppm	126.8	2.445	1.928	125.1	128.6
Cd2288	228.802 {4	Y_2243	ppm	0	0	64.03	0	0
Co2286	228.616 {4	In2306	ppm	0.0042	0.0002	4.216	0.0043	0.0041
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0004	49.98	0.001	0.0005
Cu3247	324.754 {1	Y_3600	ppm	-0.0006	0.0001	24.83	-0.0007	-0.0005
Fe2404	240.488 {1	In2306	ppm	-0.0058	0.0038	66.36	-0.0085	-0.0031
K_7664	766.490 { 4	Y_3710	ppm	1.521	0.0125	0.82	1.53	1.512
K_7698	769.896 { 4	Y_3710	ppm	1.226	0.0112	0.9095	1.234	1.219
Li6707	670.784 { 5	Y_3710	ppm	0.0416	0.0005	1.123	0.0419	0.0412
Mg2790	279.079 {1	Y_3710	ppm	35.35	0.2072	0.5861	35.5	35.2
Mn2576	257.610 {1	Y_3600	ppm	0.0667	0.0001	0.1439	0.0666	0.0667
Mn2576-2	257.610 {1	Y_3710	ppm	0.0646	0.0019	2.969	0.0632	0.0659
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0001	21.65	0.0006	0.0008
Na5895	589.592 { 5	Y_3710	ppm	260.2	13.7	5.267	269.9	250.5
Na8183	818.326 { 4	Y_3710	ppm	311.4	1.055	0.3386	312.2	310.7
Ni2316	231.604 {4	In2306	ppm	0.0021	0.0002	9.077	0.002	0.0023
P_1782	178.284 {4	In2306	ppm	0.0481	0.0007	1.443	0.0486	0.0476
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0001	26.86	-0.0003	-0.0004
S_1820	182.034 {4	Y_2243	ppm	-970	4.272	0.4404	-967	-973
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0012	44.59	0.0037	0.0019
Se1960	196.090 {4	Y_2243	ppm	-0.0003	0.0004	149.8	0	-0.0005
Si2516	251.611 {1	Y_3710	ppm	9.696	0.0581	0.5994	9.655	9.737

Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0001	42.3	-0.0004	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.7022	0.0023	0.3305	0.7038	0.7005
Ti3349	334.904 {1	Y_3600	ppm	0.0012	0.0005	46.63	0.0016	0.0008
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0007	97.54	-0.0013	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	981.4	0.0001	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0143	0.0003	1.774	0.0145	0.0141

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.079	0.89227	1.7133	52.71	51.449
In2306	230.606 {4	Cts/S	8123.3	18.491	0.22763	8136.4	8110.2
Y_2243	224.306 {4	Cts/S	11293	57.883	0.51258	11333	11252
Y_3600	360.073 { 9	Cts/S	49146	32.804	0.06675	49169	49122
Y_3710	371.030 { 9	Cts/S	7960.7	14.629	0.18376	7950.4	7971.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0009	150.9	0	0.0013
Al3082	308.215 {1	In2306	ppm	0.0855	0.0638	74.64	0.1307	0.0404
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0009	100.2	0.0015	0.0003
B_2496	249.678 {1	Y_3710	ppm	0.2051	0.0119	5.799	0.1966	0.2135
Ba4554	455.403 { 7	Y_3710	ppm	0.3658	0.0056	1.527	0.3698	0.3619
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	40.33	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	289.6	0.2067	0.0714	289.7	289.5
Ca3181	318.128 {1	In2306	ppm	293.7	0.336	0.1144	293.4	293.9
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	255	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0007	0	4.864	0.0008	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0006	78.09	0.0012	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0009	0.0002	25.29	-0.0008	-0.0011
Fe2404	240.488 {1	In2306	ppm	0.5651	0.0016	0.2827	0.5662	0.5639
K_7664	766.490 { 4	Y_3710	ppm	1.674	0.0881	5.264	1.736	1.612
K_7698	769.896 { 4	Y_3710	ppm	1.441	0.0974	6.76	1.51	1.372
Li6707	670.784 { 5	Y_3710	ppm	0.0775	0.0051	6.632	0.0812	0.0739
Mg2790	279.079 {1	Y_3710	ppm	83.66	0.0172	0.0206	83.67	83.65
Mn2576	257.610 {1	Y_3600	ppm	0.6852	0.0022	0.3177	0.6868	0.6837
Mn2576-2	257.610 {1	Y_3710	ppm	0.6718	0.0001	0.0155	0.6719	0.6718
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	69.21	0.0003	0.0001
Na5895	589.592 { 5	Y_3710	ppm	413.5	19.41	4.692	427.3	399.8
Na8183	818.326 { 4	Y_3710	ppm	540.2	17.01	3.148	552.2	528.2
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0003	192.4	0.0004	-0.0001
P_1782	178.284 {4	In2306	ppm	0.147	0.0008	0.5622	0.1476	0.1464
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0012	173.5	0.0002	-0.0015
S_1820	182.034 {4	Y_2243	ppm	-1772	0.5992	0.0338	-1773	-1772
Sb2068	206.833 {4	Y_2243	ppm	0.001	0.0011	110.2	0.0002	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0001	14.45	0.0004	0.0003

Si2516	251.611 {1	Y_3710	ppm	11.21	0.1461	1.303	11.31	11.11
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0003	201.1	-0.0001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	1.634	0.0202	1.239	1.648	1.619
Ti3349	334.904 {1	Y_3600	ppm	0.0023	0.0009	39.7	0.003	0.0017
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0012	222.8	0.0003	-0.0014
V_2924	292.402 {1	Y_3600	ppm	-0.0014	0.0002	16.59	-0.0016	-0.0013
Zn2062	206.200 {4	In2306	ppm	0.0055	0	0.776	0.0055	0.0055

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.254	1.4285	2.8426	49.244	51.264
In2306	230.606 {4	Cts/S	7511	21.447	0.28554	7526.2	7495.9
Y_2243	224.306 {4	Cts/S	10707	50.105	0.46795	10743	10672
Y_3600	360.073 { 9	Cts/S	48735	186.25	0.38217	48604	48867
Y_3710	371.030 { 9	Cts/S	7803.2	104.74	1.3423	7729.2	7877.3

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:14:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0008	631.4	-0.0004	0.0007
Al3082	308.215 {1	In2306	ppm	0.0016	0.0328	2001	0.0248	-0.0215
As1890	189.042 {4	Y_2243	ppm	-0.0005	0.0004	80.11	-0.0007	-0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0142	0.0019	13.72	0.0156	0.0128
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0	4.151	0.0009	0.001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	31.87	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.029	0.0068	23.54	0.0241	0.0338
Ca3181	318.128 {1	In2306	ppm	0.1841	0.0013	0.6934	0.185	0.1832
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	61.58	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	0	0	99.34	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0004	173.6	0.0001	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0004	0.0001	24.61	0.0003	0.0005
Fe2404	240.488 {1	In2306	ppm	0.0103	0.0187	182.4	0.0235	-0.003
K_7664	766.490 { 4	Y_3710	ppm	0.0296	0.0127	42.74	0.0386	0.0207
K_7698	769.896 { 4	Y_3710	ppm	-0.2906	0.0011	0.3916	-0.2898	-0.2914
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	43.11	0.0002	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0145	0.0442	304.1	-0.0167	0.0458
Mn2576	257.610 {1	Y_3600	ppm	0.0031	0.0001	3.508	0.003	0.0031
Mn2576-2	257.610 {1	Y_3710	ppm	0.0026	0.0008	29.23	0.0032	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	12.83	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.434	0.0011	0.2589	0.4332	0.4348
Na8183	818.326 { 4	Y_3710	ppm	0.3759	0.0182	4.842	0.363	0.3888
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	218.2	0.0002	0
P_1782	178.284 {4	In2306	ppm	0.0047	0.0032	67.8	0.0024	0.0069
Pb2203	220.353 {4	In2306	ppm	0.0011	0.0008	77.52	0.0005	0.0017
S_1820	182.034 {4	Y_2243	ppm	-45.21	51.38	113.7	-8.873	-81.54
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0001	7.963	0.0014	0.0016

Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0003	33.43	-0.0007	-0.0011
Si2516	251.611 {1	Y_3710	ppm	0.0679	0.0116	17.04	0.0597	0.076
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0002	53.85	-0.0003	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	222.7	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0004	110.7	-0.0001	-0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0008	0	0.834	-0.0008	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0002	53.83	0.0003	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0023	0.0002	7.757	0.0022	0.0024

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.51	0.04492	0.08241	54.542	54.478
In2306	230.606 {4	Cts/S	9788.4	347.83	3.5535	10034	9542.5
Y_2243	224.306 {4	Cts/S	12533	152.87	1.2197	12641	12425
Y_3600	360.073 { 9	Cts/S	46412	725.62	1.5634	46925	45899
Y_3710	371.030 { 9	Cts/S	8291.1	8.4576	0.10201	8297.1	8285.1

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2418	0.0021	0.8513	0.2403	0.2432
Al3082	308.215 {1	In2306	ppm	2.545	0.1773	6.967	2.42	2.671
As1890	189.042 {4	Y_2243	ppm	0.4584	0.0036	0.7754	0.461	0.4559
B_2496	249.678 {1	Y_3710	ppm	0.4664	0.0296	6.342	0.4455	0.4873
Ba4554	455.403 { 7	Y_3710	ppm	0.4716	0.0227	4.822	0.4556	0.4877
Be3130	313.042 {1	Y_3710	ppm	0.474	0.0199	4.207	0.4599	0.4881
Ca3158	315.887 {1	In2306	ppm	12.4	0.6907	5.572	11.91	12.88
Ca3181	318.128 {1	In2306	ppm	12.6	0.7161	5.683	12.1	13.11
Cd2288	228.802 {4	Y_2243	ppm	0.4624	0.0077	1.656	0.4678	0.457
Co2286	228.616 {4	In2306	ppm	0.4686	0.0091	1.941	0.475	0.4622
Cr2677	267.716 {1	Y_3600	ppm	0.4896	0.0013	0.273	0.4906	0.4887
Cu3247	324.754 {1	Y_3600	ppm	0.4884	0.0034	0.6884	0.4908	0.486
Fe2404	240.488 {1	In2306	ppm	2.396	0.1407	5.875	2.296	2.495
K_7664	766.490 { 4	Y_3710	ppm	12.91	0.7334	5.679	12.4	13.43
K_7698	769.896 { 4	Y_3710	ppm	13.06	0.7816	5.985	12.51	13.61
Li6707	670.784 { 5	Y_3710	ppm	0.5105	0.0341	6.688	0.4864	0.5347
Mg2790	279.079 {1	Y_3710	ppm	4.607	0.1682	3.651	4.488	4.726
Mn2576	257.610 {1	Y_3600	ppm	0.482	0.002	0.4243	0.4805	0.4834
Mn2576-2	257.610 {1	Y_3710	ppm	0.4359	0.0201	4.622	0.4216	0.4501
Mo2020	202.030 {4	Y_2243	ppm	0.4602	0.0095	2.072	0.467	0.4535
Na5895	589.592 { 5	Y_3710	ppm	12.83	0.7648	5.963	12.29	13.37
Na8183	818.326 { 4	Y_3710	ppm	12.36	0.5492	4.442	11.97	12.75
Ni2316	231.604 {4	In2306	ppm	0.4557	0.0098	2.15	0.4627	0.4488
P_1782	178.284 {4	In2306	ppm	0.0002	0.001	422.7	-0.0005	0.0009
Pb2203	220.353 {4	In2306	ppm	0.4619	0.0094	2.03	0.4685	0.4552
S_1820	182.034 {4	Y_2243	ppm	-45.52	5.785	12.71	-41.43	-49.61

Sb2068	206.833 {4	Y_2243	ppm	0.4477	0.0059	1.32	0.4519	0.4435
Se1960	196.090 {4	Y_2243	ppm	0.4639	0.0039	0.8427	0.4667	0.4611
Si2516	251.611 {1	Y_3710	ppm	0.7653	0.0639	8.346	0.7201	0.8105
Sn1899	189.989 {4	In2306	ppm	0.4755	0.012	2.52	0.484	0.467
Sr4215	421.552 { 8	Y_3710	ppm	0.2377	0.0113	4.767	0.2297	0.2457
Ti3349	334.904 {1	Y_3600	ppm	0.5038	0.0001	0.0112	0.5039	0.5038
Tl1908	190.856 {4	In2306	ppm	0.4555	0.0187	4.111	0.4688	0.4423
V_2924	292.402 {1	Y_3600	ppm	0.5032	0.0008	0.1684	0.5038	0.5026
Zn2062	206.200 {4	In2306	ppm	0.4628	0.0106	2.293	0.4703	0.4553

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.29	2.4775	4.4808	57.042	53.538
In2306	230.606 {4	Cts/S	9625.5	177.7	1.8461	9751.2	9499.9
Y_2243	224.306 {4	Cts/S	12666	252.33	1.9922	12844	12487
Y_3600	360.073 { 9	Cts/S	47079	7.388	0.01569	47085	47074
Y_3710	371.030 { 9	Cts/S	8229.1	146.34	1.7784	8332.6	8125.6

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0056	0.0001	2.123	0.0055	0.0057
Al3082	308.215 {1	In2306	ppm	0.09	0.0209	23.27	0.1048	0.0752
As1890	189.042 {4	Y_2243	ppm	0.0088	0.0004	4.723	0.0085	0.0091
B_2496	249.678 {1	Y_3710	ppm	0.0095	0.0076	79.95	0.0041	0.0149
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0001	0.6539	0.0101	0.01
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.2467	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0817	0.0061	7.5	0.0774	0.0861
Ca3181	318.128 {1	In2306	ppm	0.2057	0.0146	7.1	0.1954	0.216
Cd2288	228.802 {4	Y_2243	ppm	0.0049	0.0004	8.459	0.0046	0.0052
Co2286	228.616 {4	In2306	ppm	0.0098	0.0002	2.105	0.0097	0.01
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0006	6.353	0.0093	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0082	0.0005	6.561	0.0086	0.0078
Fe2404	240.488 {1	In2306	ppm	0.0826	0.0306	37	0.1042	0.061
K_7664	766.490 { 4	Y_3710	ppm	0.628	0.0058	0.92	0.6321	0.6239
K_7698	769.896 { 4	Y_3710	ppm	0.3622	0.0056	1.556	0.3582	0.3662
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0001	0.8496	0.01	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.072	0.0111	15.44	0.0799	0.0642
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	1.002	0.01	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0092	0	0.0382	0.0092	0.0092
Mo2020	202.030 {4	Y_2243	ppm	0.0108	0.0005	4.182	0.0105	0.0111
Na5895	589.592 { 5	Y_3710	ppm	0.7805	0.0093	1.196	0.7871	0.7739
Na8183	818.326 { 4	Y_3710	ppm	1.072	0.031	2.888	1.05	1.094
Ni2316	231.604 {4	In2306	ppm	0.0098	0.0001	1.423	0.0097	0.0099
P_1782	178.284 {4	In2306	ppm	0.0116	0.0004	3.618	0.0113	0.0119
Pb2203	220.353 {4	In2306	ppm	0.0101	0.0004	4.088	0.0098	0.0104

S_1820	182.034 {4	Y_2243	ppm	-0.1892	0.0204	10.8	-0.1747	-0.2036
Sb2068	206.833 {4	Y_2243	ppm	0.0167	0.0004	2.646	0.017	0.0164
Se1960	196.090 {4	Y_2243	ppm	0.0094	0.002	21.58	0.0079	0.0108
Si2516	251.611 {1	Y_3710	ppm	-0.0079	0.0118	149.2	0.0004	-0.0162
Sn1899	189.989 {4	In2306	ppm	0.0098	0.0003	3.035	0.0096	0.01
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	3.137	0.0048	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0004	4.043	0.0105	0.0099
Tl1908	190.856 {4	In2306	ppm	0.0122	0.0011	9.195	0.0114	0.013
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0001	1.118	0.0099	0.01
Zn2062	206.200 {4	In2306	ppm	0.0086	0.0003	3.015	0.0084	0.0088

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.006	0.48401	0.87992	54.664	55.349
In2306	230.606 {4	Cts/S	10266	101.37	0.98739	10194	10338
Y_2243	224.306 {4	Cts/S	13000	120.52	0.92703	12915	13085
Y_3600	360.073 { 9	Cts/S	45735	76.482	0.16723	45681	45789
Y_3710	371.030 { 9	Cts/S	8360.9	0.68134	0.00815	8360.4	8361.4

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:22:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0005	1069	-0.0003	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0144	0.0135	93.42	-0.024	-0.0049
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0004	28.62	0.0012	0.0018
B_2496	249.678 {1	Y_3710	ppm	0.0008	0.012	1492	0.0093	-0.0077
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	265.8	0	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	6.042	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0188	0.031	164.7	-0.0031	0.0407
Ca3181	318.128 {1	In2306	ppm	0.082	0.0027	3.292	0.0839	0.08
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0003	148.7	0	0.0004
Co2286	228.616 {4	In2306	ppm	0.0004	0.0004	84.77	0.0002	0.0007
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0.0004	46.02	-0.0005	-0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0008	0	4.792	-0.0007	-0.0008
Fe2404	240.488 {1	In2306	ppm	-0.0007	0.0054	788.8	0.0031	-0.0045
K_7664	766.490 { 4	Y_3710	ppm	0.0085	0.0035	40.93	0.006	0.0109
K_7698	769.896 { 4	Y_3710	ppm	-0.0159	0.0032	19.84	-0.0137	-0.0182
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0004	113.8	0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0165	0.0402	243.5	0.0119	-0.0449
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	24.39	0.0001	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0009	136.8	0	0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0008	0.0008	97.67	0.0002	0.0013
Na5895	589.592 { 5	Y_3710	ppm	0.1638	0.003	1.847	0.1617	0.1659
Na8183	818.326 { 4	Y_3710	ppm	-0.0189	0.0779	412.9	0.0362	-0.0739
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0003	147.9	0	0.0005
P_1782	178.284 {4	In2306	ppm	0.0011	0.0003	30.21	0.0014	0.0009

Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0001	56.75	-0.0004	-0.0002
S_1820	182.034 {4	Y_2243	ppm	-0.7509	0.1212	16.14	-0.6652	-0.8367
Sb2068	206.833 {4	Y_2243	ppm	0.0041	0	1.153	0.0041	0.004
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0004	31.83	-0.0017	-0.0011
Si2516	251.611 {1	Y_3710	ppm	0.0009	0.0228	2609	-0.0152	0.017
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0006	96.61	0.0002	0.001
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	99.76	0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0005	88.29	-0.0002	-0.001
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0008	604.1	-0.0004	0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0004	80.82	0.0002	0.0008
Zn2062	206.200 {4	In2306	ppm	0.0006	0.0004	62.35	0.0003	0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.608	0.15318	0.2706	56.5	56.717
In2306	230.606 {4	Cts/S	10034	187.19	1.8655	10167	9901.9
Y_2243	224.306 {4	Cts/S	12688	211.92	1.6703	12838	12538
Y_3600	360.073 { 9	Cts/S	45517	131.86	0.28969	45424	45610
Y_3710	371.030 { 9	Cts/S	8165.5	89.238	1.0929	8102.4	8228.6

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:25:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	406.7	0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0578	0.0587	101.6	0.0163	0.0993
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0001	4.205	0.0016	0.0015
B_2496	249.678 {1	Y_3710	ppm	0.2176	0.0077	3.559	0.2231	0.2121
Ba4554	455.403 { 7	Y_3710	ppm	0.3995	0.0018	0.455	0.3982	0.4007
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	44.44	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	294.8	8.247	2.798	289	300.6
Ca3181	318.128 {1	In2306	ppm	300.4	8.261	2.75	294.6	306.3
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	237.8	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0007	0.0001	8.137	0.0008	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	20050	-0.0003	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	9.27	-0.0014	-0.0016
Fe2404	240.488 {1	In2306	ppm	0.5781	0.0304	5.252	0.5996	0.5567
K_7664	766.490 { 4	Y_3710	ppm	1.637	0.0217	1.324	1.622	1.653
K_7698	769.896 { 4	Y_3710	ppm	1.353	0.0088	0.6531	1.347	1.359
Li6707	670.784 { 5	Y_3710	ppm	0.075	0.001	1.294	0.0743	0.0756
Mg2790	279.079 {1	Y_3710	ppm	85.16	0.028	0.0329	85.18	85.14
Mn2576	257.610 {1	Y_3600	ppm	0.6948	0.0022	0.32	0.6964	0.6932
Mn2576-2	257.610 {1	Y_3710	ppm	0.686	0.0002	0.035	0.6859	0.6862
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	44.39	0.0003	0.0002
Na5895	589.592 { 5	Y_3710	ppm	408.6	1.961	0.48	407.2	409.9
Na8183	818.326 { 4	Y_3710	ppm	536.7	3.246	0.6048	534.4	539
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	70.97	-0.0001	0

P_1782	178.284 {4	In2306	ppm	0.1451	0.0009	0.6127	0.1457	0.1445
Pb2203	220.353 {4	In2306	ppm	-0.0018	0.0009	51.18	-0.0011	-0.0024
S_1820	182.034 {4	Y_2243	ppm	-1754	37.33	2.129	-1780	-1727
Sb2068	206.833 {4	Y_2243	ppm	0.0002	0.0005	266.7	-0.0002	0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.001	468.2	-0.0005	0.0009
Si2516	251.611 {1	Y_3710	ppm	10.87	0.1137	1.046	10.95	10.79
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0003	94.31	-0.0006	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.63	0.0009	0.0572	1.629	1.631
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0004	18.31	0.0019	0.0025
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0002	17.14	0.0015	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0007	0.0005	65.53	-0.001	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0115	0.0002	1.933	0.0116	0.0113

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.659	2.0235	3.917	53.09	50.228
In2306	230.606 {4	Cts/S	7572.6	5.5533	0.07333	7568.7	7576.5
Y_2243	224.306 {4	Cts/S	10844	19.962	0.18407	10830	10858
Y_3600	360.073 { 9	Cts/S	49064	210.05	0.42813	49212	48915
Y_3710	371.030 { 9	Cts/S	7967.2	33.977	0.42645	7991.3	7943.2

[Sample Header]
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SampleName=pds 600-48928-C-1-A
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:27:49
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5087	0.001	0.2022	0.5094	0.508
Al3082	308.215 {1	In2306	ppm	10.76	0.1289	1.198	10.67	10.85
As1890	189.042 {4	Y_2243	ppm	1.035	0.0045	0.4337	1.032	1.038
B_2496	249.678 {1	Y_3710	ppm	1.152	0.0073	0.6381	1.157	1.146
Ba4554	455.403 { 7	Y_3710	ppm	1.137	0.006	0.5237	1.132	1.141
Be3130	313.042 {1	Y_3710	ppm	0.4879	0.0005	0.0932	0.4876	0.4882
Ca3158	315.887 {1	In2306	ppm	117.7	3.797	3.227	120.4	115
Ca3181	318.128 {1	In2306	ppm	118.9	4.334	3.644	122	115.9
Cd2288	228.802 {4	Y_2243	ppm	0.504	0.0013	0.2545	0.5049	0.5031
Co2286	228.616 {4	In2306	ppm	1.022	0.0013	0.1299	1.023	1.021
Cr2677	267.716 {1	Y_3600	ppm	0.9651	0.0022	0.2244	0.9635	0.9666
Cu3247	324.754 {1	Y_3600	ppm	1.047	0.0006	0.0529	1.047	1.047
Fe2404	240.488 {1	In2306	ppm	12.43	0.3577	2.878	12.68	12.18
K_7664	766.490 { 4	Y_3710	ppm	11.15	0.4124	3.698	10.86	11.44
K_7698	769.896 { 4	Y_3710	ppm	11.23	0.4014	3.576	10.94	11.51
Li6707	670.784 { 5	Y_3710	ppm	1.073	0.0457	4.262	1.041	1.106
Mg2790	279.079 {1	Y_3710	ppm	36.52	0.4174	1.143	36.81	36.22
Mn2576	257.610 {1	Y_3600	ppm	1.557	0.0028	0.1767	1.559	1.555
Mn2576-2	257.610 {1	Y_3710	ppm	1.517	0.0144	0.9487	1.527	1.506
Mo2020	202.030 {4	Y_2243	ppm	0.9445	0.0027	0.2874	0.9464	0.9426
Na5895	589.592 { 5	Y_3710	ppm	227.3	4.13	1.817	224.4	230.2
Na8183	818.326 { 4	Y_3710	ppm	265.4	4.407	1.66	262.3	268.5

Ni2316	231.604 {4	In2306	ppm	0.9907	0.0014	0.1381	0.9897	0.9916
P_1782	178.284 {4	In2306	ppm	1.194	0.0004	0.0332	1.194	1.195
Pb2203	220.353 {4	In2306	ppm	0.9799	0.0008	0.0833	0.9805	0.9793
S_1820	182.034 {4	Y_2243	ppm	-1292	0.3427	0.0265	-1292	-1293
Sb2068	206.833 {4	Y_2243	ppm	0.984	0.0035	0.3552	0.9865	0.9815
Se1960	196.090 {4	Y_2243	ppm	1.005	0.0016	0.1555	1.004	1.006
Si2516	251.611 {1	Y_3710	ppm	11.45	0.0691	0.6031	11.4	11.5
Sn1899	189.989 {4	In2306	ppm	1.014	0.0005	0.0482	1.014	1.013
Sr4215	421.552 { 8	Y_3710	ppm	1.089	0.0066	0.6082	1.084	1.093
Ti3349	334.904 {1	Y_3600	ppm	0.9938	0.002	0.2055	0.9923	0.9952
Tl1908	190.856 {4	In2306	ppm	0.9508	0.0138	1.45	0.9606	0.9411
V_2924	292.402 {1	Y_3600	ppm	0.9965	0.0016	0.1629	0.9976	0.9953
Zn2062	206.200 {4	In2306	ppm	1.042	0.0019	0.1814	1.043	1.04

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.649	0.70738	1.3185	53.149	54.149
In2306	230.606 {4	Cts/S	8183	6.7998	0.0831	8178.1	8187.8
Y_2243	224.306 {4	Cts/S	11607	10.036	0.08647	11600	11614
Y_3600	360.073 { 9	Cts/S	48064	159.42	0.33169	47951	48176
Y_3710	371.030 { 9	Cts/S	7893.1	38.092	0.48259	7920.1	7866.2

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:30:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	34.61	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0148	0.0417	282.9	0.0148	-0.0443
As1890	189.042 {4	Y_2243	ppm	0.0045	0.0013	30.19	0.0035	0.0054
B_2496	249.678 {1	Y_3710	ppm	0.0422	0.013	30.89	0.033	0.0514
Ba4554	455.403 { 7	Y_3710	ppm	0.0313	0.0002	0.6348	0.0312	0.0314
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	66.25	-0.0001	-0.0003
Ca3158	315.887 {1	In2306	ppm	21.08	0.4366	2.072	20.77	21.39
Ca3181	318.128 {1	In2306	ppm	21.07	0.4685	2.224	20.74	21.4
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0006	302.9	-0.0002	0.0006
Co2286	228.616 {4	In2306	ppm	0.0038	0.001	27.98	0.003	0.0045
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.001	741	0.0006	-0.0009
Cu3247	324.754 {1	Y_3600	ppm	-0.0023	0.0001	5.159	-0.0022	-0.0023
Fe2404	240.488 {1	In2306	ppm	0.4619	0.0064	1.383	0.4574	0.4664
K_7664	766.490 { 4	Y_3710	ppm	0.0875	0.0084	9.572	0.0816	0.0934
K_7698	769.896 { 4	Y_3710	ppm	-0.1679	0.0212	12.64	-0.1829	-0.1529
Li6707	670.784 { 5	Y_3710	ppm	0.0025	0.0005	21.43	0.0029	0.0021
Mg2790	279.079 {1	Y_3710	ppm	5.133	0.0111	0.2155	5.125	5.141
Mn2576	257.610 {1	Y_3600	ppm	0.1245	0.0002	0.1931	0.1247	0.1243
Mn2576-2	257.610 {1	Y_3710	ppm	0.1154	0.0007	0.6042	0.1159	0.1149
Mo2020	202.030 {4	Y_2243	ppm	0.0037	0.0017	46.83	0.0025	0.0049
Na5895	589.592 { 5	Y_3710	ppm	49.34	0.7827	1.586	48.79	49.89

Na8183	818.326 {	4	Y_3710	ppm	49.87	0.2651	0.5316	49.69	50.06
Ni2316	231.604 {	4	In2306	ppm	0.0013	0.0011	88.6	0.0005	0.0021
P_1782	178.284 {	4	In2306	ppm	0.0142	0.0005	3.66	0.0138	0.0145
Pb2203	220.353 {	4	In2306	ppm	0.001	0.0006	57.24	0.0006	0.0014
S_1820	182.034 {	4	Y_2243	ppm	-250.7	0.7334	0.2925	-251.2	-250.2
Sb2068	206.833 {	4	Y_2243	ppm	0.0092	0.0025	26.8	0.0074	0.0109
Se1960	196.090 {	4	Y_2243	ppm	-0.0007	0.0009	133.3	-0.0013	0
Si2516	251.611 {	1	Y_3710	ppm	2.043	0.0287	1.404	2.023	2.064
Sn1899	189.989 {	4	In2306	ppm	0.0026	0.0015	56.85	0.0015	0.0036
Sr4215	421.552 {	8	Y_3710	ppm	0.1223	0.0001	0.1139	0.1222	0.1223
Ti3349	334.904 {	1	Y_3600	ppm	0.0017	0.0004	23.48	0.002	0.0014
Tl1908	190.856 {	4	In2306	ppm	0.0051	0.0045	89.18	0.0019	0.0083
V_2924	292.402 {	1	Y_3600	ppm	0.0003	0.0003	126.4	0	0.0005
Zn2062	206.200 {	4	In2306	ppm	0.0053	0.0009	16.84	0.0047	0.006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {	1	Cts/S	56.418	1.7132	3.0366	57.629	55.206
In2306	230.606 {	4	Cts/S	9336.2	12.827	0.13739	9345.3	9327.1
Y_2243	224.306 {	4	Cts/S	12394	18.07	0.1458	12407	12381
Y_3600	360.073 {	9	Cts/S	47412	39.453	0.08321	47440	47384
Y_3710	371.030 {	9	Cts/S	8269.4	49.378	0.59712	8304.3	8234.5

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:32:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {	1	Y_3600	ppm	0.2414	0.0007	0.3074	0.2408	0.2419
Al3082	308.215 {	1	In2306	ppm	2.577	0.0517	2.007	2.613	2.54
As1890	189.042 {	4	Y_2243	ppm	0.471	0.0026	0.5454	0.4729	0.4692
B_2496	249.678 {	1	Y_3710	ppm	0.4807	0.0041	0.8535	0.4836	0.4778
Ba4554	455.403 {	7	Y_3710	ppm	0.485	0	0.0085	0.485	0.485
Be3130	313.042 {	1	Y_3710	ppm	0.4944	0.0018	0.3605	0.4931	0.4956
Ca3158	315.887 {	1	In2306	ppm	12.68	0.0639	0.5039	12.73	12.64
Ca3181	318.128 {	1	In2306	ppm	12.91	0.0084	0.0653	12.9	12.91
Cd2288	228.802 {	4	Y_2243	ppm	0.4783	0.0031	0.6508	0.4805	0.4761
Co2286	228.616 {	4	In2306	ppm	0.488	0.0045	0.9235	0.4912	0.4848
Cr2677	267.716 {	1	Y_3600	ppm	0.4985	0.0003	0.0639	0.4987	0.4983
Cu3247	324.754 {	1	Y_3600	ppm	0.4829	0.0014	0.2825	0.4838	0.4819
Fe2404	240.488 {	1	In2306	ppm	2.413	0.0135	0.5585	2.423	2.404
K_7664	766.490 {	4	Y_3710	ppm	13.16	0.153	1.163	13.05	13.27
K_7698	769.896 {	4	Y_3710	ppm	13.24	0.1037	0.7831	13.17	13.32
Li6707	670.784 {	5	Y_3710	ppm	0.516	0.009	1.751	0.5096	0.5224
Mg2790	279.079 {	1	Y_3710	ppm	4.794	0.0263	0.5478	4.813	4.776
Mn2576	257.610 {	1	Y_3600	ppm	0.4868	0.0004	0.0851	0.4871	0.4865
Mn2576-2	257.610 {	1	Y_3710	ppm	0.4528	0.0037	0.8262	0.4554	0.4502
Mo2020	202.030 {	4	Y_2243	ppm	0.4757	0.0051	1.065	0.4793	0.4722

Na5895	589.592 { 5	Y_3710	ppm	13.01	0.1576	1.211	12.9	13.12
Na8183	818.326 { 4	Y_3710	ppm	12.73	0.0714	0.5609	12.68	12.78
Ni2316	231.604 {4	In2306	ppm	0.4741	0.0047	0.987	0.4774	0.4708
P_1782	178.284 {4	In2306	ppm	0.0004	0.0004	100	0.0007	0.0001
Pb2203	220.353 {4	In2306	ppm	0.4768	0.0027	0.5665	0.4787	0.4749
S_1820	182.034 {4	Y_2243	ppm	-42.5	0.7532	1.772	-41.96	-43.03
Sb2068	206.833 {4	Y_2243	ppm	0.4645	0.0084	1.808	0.4704	0.4586
Se1960	196.090 {4	Y_2243	ppm	0.4756	0.004	0.835	0.4784	0.4728
Si2516	251.611 {1	Y_3710	ppm	0.7914	0.0156	1.968	0.7804	0.8024
Sn1899	189.989 {4	In2306	ppm	0.4978	0.004	0.8093	0.5006	0.4949
Sr4215	421.552 { 8	Y_3710	ppm	0.2435	0.0012	0.4802	0.2427	0.2444
Ti3349	334.904 {1	Y_3600	ppm	0.5116	0.0012	0.2343	0.5125	0.5108
Tl1908	190.856 {4	In2306	ppm	0.4882	0.0137	2.816	0.4979	0.4785
V_2924	292.402 {1	Y_3600	ppm	0.5149	0.002	0.3947	0.5163	0.5135
Zn2062	206.200 {4	In2306	ppm	0.4846	0.0048	0.9851	0.488	0.4812

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.318	0.64735	1.1494	56.776	55.861
In2306	230.606 {4	Cts/S	9588.1	3.6514	0.03808	9585.5	9590.7
Y_2243	224.306 {4	Cts/S	12694	4.0219	0.03168	12697	12692
Y_3600	360.073 { 9	Cts/S	46975	92.636	0.1972	47040	46909
Y_3710	371.030 { 9	Cts/S	8148.9	40.473	0.49667	8177.5	8120.3

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:35:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0055	0.0003	4.714	0.0053	0.0057
Al3082	308.215 {1	In2306	ppm	0.1102	0.0556	50.44	0.1496	0.0709
As1890	189.042 {4	Y_2243	ppm	0.0097	0.0001	0.9033	0.0097	0.0096
B_2496	249.678 {1	Y_3710	ppm	0.0116	0.006	51.26	0.0074	0.0158
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0002	2.366	0.0102	0.0099
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	1.889	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0977	0.0005	0.4811	0.098	0.0974
Ca3181	318.128 {1	In2306	ppm	0.1937	0.0028	1.463	0.1917	0.1957
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0009	17.25	0.0047	0.0061
Co2286	228.616 {4	In2306	ppm	0.0105	0.0011	10.63	0.0097	0.0113
Cr2677	267.716 {1	Y_3600	ppm	0.0101	0.0001	1.418	0.01	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0079	0.0002	2.279	0.008	0.0078
Fe2404	240.488 {1	In2306	ppm	0.0778	0.004	5.117	0.075	0.0807
K_7664	766.490 { 4	Y_3710	ppm	0.6306	0.0125	1.979	0.6395	0.6218
K_7698	769.896 { 4	Y_3710	ppm	0.3617	0.0295	8.161	0.3826	0.3409
Li6707	670.784 { 5	Y_3710	ppm	0.0097	0.0007	6.745	0.0102	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.026	0.011	42.16	0.0338	0.0183
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0.0001	0.7536	0.0102	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0107	0.001	9.233	0.01	0.0114

Mo2020	202.030 {4	Y_2243	ppm	0.0115	0.0014	12.41	0.0105	0.0125
Na5895	589.592 { 5	Y_3710	ppm	0.7521	0.0261	3.469	0.7706	0.7337
Na8183	818.326 { 4	Y_3710	ppm	0.6736	0.1208	17.93	0.759	0.5882
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0009	8.908	0.0095	0.0108
P_1782	178.284 {4	In2306	ppm	0.0111	0.0002	2.246	0.0109	0.0113
Pb2203	220.353 {4	In2306	ppm	0.0103	0.0002	1.524	0.0102	0.0104
S_1820	182.034 {4	Y_2243	ppm	-0.0032	0.0281	867.4	0.0166	-0.0231
Sb2068	206.833 {4	Y_2243	ppm	0.017	0.0004	2.586	0.0167	0.0173
Se1960	196.090 {4	Y_2243	ppm	0.0098	0.0003	3.118	0.0095	0.01
Si2516	251.611 {1	Y_3710	ppm	-0.0188	0.0028	14.96	-0.0208	-0.0168
Sn1899	189.989 {4	In2306	ppm	0.0108	0.0014	12.7	0.0099	0.0118
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0	0.02	0.0048	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0.0003	2.923	0.0111	0.0107
Tl1908	190.856 {4	In2306	ppm	0.0136	0.0015	11.04	0.0126	0.0147
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0001	0.5185	0.0097	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0092	0.0011	11.91	0.0084	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.392	0.53175	0.92652	57.768	57.016
In2306	230.606 {4	Cts/S	10174	3.1365	0.03083	10176	10172
Y_2243	224.306 {4	Cts/S	12952	15.266	0.11787	12963	12941
Y_3600	360.073 { 9	Cts/S	45879	81.984	0.1787	45937	45821
Y_3710	371.030 { 9	Cts/S	8376.3	34.412	0.41083	8352	8400.6

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	201.2	-0.0001	0.0007
Al3082	308.215 {1	In2306	ppm	0.0192	0.0115	60.22	0.011	0.0273
As1890	189.042 {4	Y_2243	ppm	0.0002	0.0001	28.76	0.0002	0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.0013	0.0007	52.25	-0.0018	-0.0008
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0002	146.3	0	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	15.67	0	0
Ca3158	315.887 {1	In2306	ppm	-0.008	0.002	24.86	-0.0094	-0.0066
Ca3181	318.128 {1	In2306	ppm	0.1423	0.0149	10.47	0.1528	0.1317
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	252.5	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	99.46	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0007	698.6	0.0004	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0003	27.12	-0.0015	-0.001
Fe2404	240.488 {1	In2306	ppm	-0.0236	0.0363	154.1	0.0021	-0.0492
K_7664	766.490 { 4	Y_3710	ppm	0.0076	0.0007	9.165	0.0081	0.0071
K_7698	769.896 { 4	Y_3710	ppm	-0.0425	0.0031	7.404	-0.0447	-0.0403
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0	8.211	0.0004	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.022	0.0244	111.1	0.0393	0.0047
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	3.034	0.0002	0.0002

Mn2576-2	257.610 {1	Y_3710	ppm	-0.0008	0.0007	81.35	-0.0004	-0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0	3.525	0.0005	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.1348	0.0008	0.5749	0.1353	0.1342
Na8183	818.326 { 4	Y_3710	ppm	0.2242	0.1099	49.02	0.3019	0.1465
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	104	0	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0009	187.7	0.0002	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	59.06	0.0003	0.0008
S_1820	182.034 {4	Y_2243	ppm	-0.6399	0.1199	18.74	-0.5551	-0.7247
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0007	30.61	0.0026	0.0017
Se1960	196.090 {4	Y_2243	ppm	-0.002	0.0004	21.03	-0.0023	-0.0017
Si2516	251.611 {1	Y_3710	ppm	-0.0141	0.0147	103.9	-0.0245	-0.0038
Sn1899	189.989 {4	In2306	ppm	0	0.0001	300.9	0	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	644.5	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0	53.54	-0.0001	0
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0006	251.4	0.0002	-0.0006
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	3184	0.0001	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0001	28.99	0.0002	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.829	0.14562	0.26084	55.932	55.726
In2306	230.606 {4	Cts/S	10156	2.7644	0.02722	10154	10158
Y_2243	224.306 {4	Cts/S	12854	14.239	0.11077	12844	12864
Y_3600	360.073 { 9	Cts/S	45424	98.22	0.21623	45494	45355
Y_3710	371.030 { 9	Cts/S	8219.2	59.38	0.72246	8177.2	8261.2

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Custom ID3=
Run Time=1/25/2012 11:40:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0004	117	-0.0007	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0591	0.0013	2.284	-0.06	-0.0581
As1890	189.042 {4	Y_2243	ppm	0.0002	0.001	538.6	0.0009	-0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0035	0.0002	4.895	-0.0034	-0.0036
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0003	105.3	0.0001	0.0005
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	6.462	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0033	0.0098	298.9	0.0102	-0.0036
Ca3181	318.128 {1	In2306	ppm	0.1167	0.002	1.728	0.1153	0.1181
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0	17.42	-0.0002	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	41.25	0.0003	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0001	33.06	-0.0005	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0	0.7737	-0.0018	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0212	0.0116	54.95	-0.0129	-0.0294
K_7664	766.490 { 4	Y_3710	ppm	0.0164	0.0012	7.013	0.0156	0.0173
K_7698	769.896 { 4	Y_3710	ppm	-0.2616	0.0048	1.816	-0.2583	-0.265
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0001	13.3	0.0005	0.0004

Mg2790	279.079 {1	Y_3710	ppm	-0.049	0.013	26.5	-0.0399	-0.0582
Mn2576	257.610 {1	Y_3600	ppm	0.0014	0	3.215	0.0013	0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	0.0016	0.0012	75.33	0.0025	0.0007
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	26.3	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.1403	0.0018	1.306	0.139	0.1416
Na8183	818.326 { 4	Y_3710	ppm	0.2243	0.0846	37.71	0.1645	0.2841
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	92.41	0	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0008	121.3	-0.0012	-0.0001
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0008	486.5	-0.0007	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1.364	0.1494	10.95	-1.47	-1.258
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0012	359	0.0012	-0.0005
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0014	103.6	-0.0004	-0.0024
Si2516	251.611 {1	Y_3710	ppm	-0.0081	0.0082	101.7	-0.0139	-0.0023
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	15.69	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	1265	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0001	23.17	-0.0005	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0005	76.04	0.0009	0.0003
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.001	828.5	0.0006	-0.0008
Zn2062	206.200 {4	In2306	ppm	0.0005	0.0001	11.06	0.0005	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.828	0.00594	0.0101	58.832	58.824
In2306	230.606 {4	Cts/S	10258	5.2786	0.05146	10261	10254
Y_2243	224.306 {4	Cts/S	12979	22.857	0.17611	12995	12963
Y_3600	360.073 { 9	Cts/S	46321	288.94	0.62379	46525	46116
Y_3710	371.030 { 9	Cts/S	8428.6	49.823	0.59113	8463.8	8393.3

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4876	0.0004	0.0872	0.4873	0.4879
Al3082	308.215 {1	In2306	ppm	10.3	0.1176	1.142	10.38	10.21
As1890	189.042 {4	Y_2243	ppm	0.9357	0.0055	0.5929	0.9396	0.9317
B_2496	249.678 {1	Y_3710	ppm	0.9336	0.002	0.2141	0.9322	0.935
Ba4554	455.403 { 7	Y_3710	ppm	0.9695	0.0051	0.5273	0.9659	0.9731
Be3130	313.042 {1	Y_3710	ppm	0.4889	0.0008	0.1581	0.4894	0.4883
Ca3158	315.887 {1	In2306	ppm	9.976	0.1512	1.516	10.08	9.869
Ca3181	318.128 {1	In2306	ppm	10.13	0.1542	1.522	10.24	10.02
Cd2288	228.802 {4	Y_2243	ppm	0.4716	0.0038	0.8042	0.4743	0.469
Co2286	228.616 {4	In2306	ppm	0.9645	0.0046	0.4802	0.9678	0.9612
Cr2677	267.716 {1	Y_3600	ppm	0.9755	0.0014	0.1454	0.9744	0.9765
Cu3247	324.754 {1	Y_3600	ppm	0.9682	0.0052	0.5394	0.9719	0.9645
Fe2404	240.488 {1	In2306	ppm	9.631	0.0907	0.9417	9.695	9.566
K_7664	766.490 { 4	Y_3710	ppm	11.05	0.2076	1.88	10.9	11.19
K_7698	769.896 { 4	Y_3710	ppm	11.03	0.179	1.623	10.9	11.16

Li6707	670.784 { 5	Y_3710	ppm	0.5404	0.01	1.844	0.5334	0.5475
Mg2790	279.079 {1	Y_3710	ppm	9.613	0.0027	0.028	9.615	9.611
Mn2576	257.610 {1	Y_3600	ppm	0.9609	0.0028	0.2925	0.9589	0.9629
Mn2576-2	257.610 {1	Y_3710	ppm	0.9033	0.0018	0.1961	0.9046	0.9021
Mo2020	202.030 {4	Y_2243	ppm	0.9366	0.0091	0.9761	0.9431	0.9302
Na5895	589.592 { 5	Y_3710	ppm	10.94	0.1864	1.704	10.81	11.07
Na8183	818.326 { 4	Y_3710	ppm	10.31	0.1189	1.153	10.22	10.39
Ni2316	231.604 {4	In2306	ppm	0.938	0.0061	0.6497	0.9423	0.9337
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0003	83.1	-0.0005	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.9466	0.0064	0.6734	0.9511	0.9421
S_1820	182.034 {4	Y_2243	ppm	-1.275	0.1027	8.055	-1.347	-1.202
Sb2068	206.833 {4	Y_2243	ppm	0.9078	0.0064	0.7064	0.9123	0.9032
Se1960	196.090 {4	Y_2243	ppm	0.9396	0.0088	0.9386	0.9458	0.9334
Si2516	251.611 {1	Y_3710	ppm	0.7951	0.0226	2.844	0.7792	0.8111
Sn1899	189.989 {4	In2306	ppm	0.9794	0.0069	0.6994	0.9843	0.9746
Sr4215	421.552 { 8	Y_3710	ppm	0.4787	0.0018	0.3692	0.4774	0.4799
Ti3349	334.904 {1	Y_3600	ppm	0.9898	0.0039	0.3949	0.9926	0.987
Tl1908	190.856 {4	In2306	ppm	0.9615	0.0143	1.488	0.9716	0.9514
V_2924	292.402 {1	Y_3600	ppm	0.9973	0.0006	0.0564	0.9969	0.9977
Zn2062	206.200 {4	In2306	ppm	0.9546	0.0033	0.3456	0.957	0.9523

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.051	0.44817	0.79958	55.734	56.368
In2306	230.606 {4	Cts/S	9565.2	5.0819	0.05313	9568.8	9561.7
Y_2243	224.306 {4	Cts/S	12705	5.3859	0.04239	12702	12709
Y_3600	360.073 { 9	Cts/S	46909	126.82	0.27034	46820	46999
Y_3710	371.030 { 9	Cts/S	8107.5	18.102	0.22328	8120.3	8094.7

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	102.3	0.0006	0.0001
Al3082	308.215 {1	In2306	ppm	0.0881	0.0361	40.96	0.0626	0.1136
As1890	189.042 {4	Y_2243	ppm	0.0467	0.0285	60.99	0.0266	0.0669
B_2496	249.678 {1	Y_3710	ppm	1.152	0.001	0.0841	1.153	1.151
Ba4554	455.403 { 7	Y_3710	ppm	0.6156	0.0001	0.0123	0.6156	0.6155
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0002	63.91	-0.0002	-0.0004
Ca3158	315.887 {1	In2306	ppm	181.7	2.309	1.271	180.1	183.4
Ca3181	318.128 {1	In2306	ppm	184.6	2.39	1.295	182.9	186.3
Cd2288	228.802 {4	Y_2243	ppm	0.0143	0.0157	109.6	0.0032	0.0254
Co2286	228.616 {4	In2306	ppm	0.0339	0.0313	92.32	0.0118	0.056
Cr2677	267.716 {1	Y_3600	ppm	0.0279	0.0007	2.671	0.0285	0.0274
Cu3247	324.754 {1	Y_3600	ppm	0.0077	0.0003	4.446	0.0079	0.0074
Fe2404	240.488 {1	In2306	ppm	2.013	0.0321	1.595	1.991	2.036
K_7664	766.490 { 4	Y_3710	ppm	55.55	0.4393	0.7908	55.24	55.86

K_7698	769.896 { 4	Y_3710	ppm	58.39	0.5184	0.8878	58.02	58.76
Li6707	670.784 { 5	Y_3710	ppm	0.0471	0.0004	0.7635	0.0468	0.0473
Mg2790	279.079 {1	Y_3710	ppm	58.15	0.1311	0.2254	58.24	58.05
Mn2576	257.610 {1	Y_3600	ppm	1.119	0.0077	0.687	1.125	1.114
Mn2576-2	257.610 {1	Y_3710	ppm	1.088	0.004	0.3637	1.091	1.086
Mo2020	202.030 {4	Y_2243	ppm	0.0382	0.0308	80.49	0.0165	0.06
Na5895	589.592 { 5	Y_3710	ppm	323.2	2.928	0.9058	325.3	321.1
Na8183	818.326 { 4	Y_3710	ppm	386.2	1.534	0.3971	385.1	387.3
Ni2316	231.604 {4	In2306	ppm	0.0527	0.0294	55.68	0.032	0.0735
P_1782	178.284 {4	In2306	ppm	1.107	0.0466	4.209	1.14	1.074
Pb2203	220.353 {4	In2306	ppm	0.0259	0.028	108.2	0.0061	0.0456
S_1820	182.034 {4	Y_2243	ppm	-1121	39.25	3.502	-1149	-1093
Sb2068	206.833 {4	Y_2243	ppm	0.0437	0.0277	63.39	0.0241	0.0632
Se1960	196.090 {4	Y_2243	ppm	0.0263	0.0266	101.2	0.0075	0.0451
Si2516	251.611 {1	Y_3710	ppm	7.08	0.0109	0.1533	7.087	7.072
Sn1899	189.989 {4	In2306	ppm	0.0344	0.0332	96.69	0.0109	0.0579
Sr4215	421.552 { 8	Y_3710	ppm	0.9882	0.0006	0.0567	0.9886	0.9879
Ti3349	334.904 {1	Y_3600	ppm	0.0106	0.0004	3.556	0.0103	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0341	0.0333	97.67	0.0106	0.0577
V_2924	292.402 {1	Y_3600	ppm	0.0063	0.0001	2.067	0.0062	0.0064
Zn2062	206.200 {4	In2306	ppm	0.1101	0.0271	24.62	0.0909	0.1292

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.994	0.76108	1.4925	51.532	50.456
In2306	230.606 {4	Cts/S	7817.9	12.25	0.1567	7826.6	7809.3
Y_2243	224.306 {4	Cts/S	11034	55.516	0.50315	11073	10994
Y_3600	360.073 { 9	Cts/S	48731	225.74	0.46324	48572	48891
Y_3710	371.030 { 9	Cts/S	7759.4	10.846	0.13978	7751.7	7767

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	122.8	0.0001	0.0008
Al3082	308.215 {1	In2306	ppm	-0.0193	0.022	113.6	-0.0349	-0.0038
As1890	189.042 {4	Y_2243	ppm	0.0045	0.0075	165.6	-0.0008	0.0098
B_2496	249.678 {1	Y_3710	ppm	0.0153	0.0083	54.32	0.0212	0.0094
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	30.19	0.0004	0.0003
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	18.41	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0299	0.0049	16.27	0.0265	0.0334
Ca3181	318.128 {1	In2306	ppm	0.1468	0.0223	15.17	0.1625	0.131
Cd2288	228.802 {4	Y_2243	ppm	0.0022	0.0034	154.7	-0.0002	0.0046
Co2286	228.616 {4	In2306	ppm	0.0051	0.007	136.8	0.0002	0.0101
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0006	214.6	-0.0008	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	11.87	-0.0019	-0.0022
Fe2404	240.488 {1	In2306	ppm	0.0015	0.0191	1287	0.015	-0.012

K_7664	766.490 { 4	Y_3710	ppm	0.0935	0.0112	12.01	0.1014	0.0856
K_7698	769.896 { 4	Y_3710	ppm	-0.1922	0.0035	1.823	-0.1946	-0.1897
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0	0.0679	0.0005	0.0005
Mg2790	279.079 {1	Y_3710	ppm	-0.0052	0.0445	857.7	0.0263	-0.0366
Mn2576	257.610 {1	Y_3600	ppm	0.0015	0.0001	9.303	0.0014	0.0016
Mn2576-2	257.610 {1	Y_3710	ppm	0.0014	0	1.056	0.0014	0.0014
Mo2020	202.030 {4	Y_2243	ppm	0.0062	0.008	128.2	0.0006	0.0118
Na5895	589.592 { 5	Y_3710	ppm	0.1683	0.0299	17.77	0.1894	0.1471
Na8183	818.326 { 4	Y_3710	ppm	0.2912	0.1283	44.05	0.382	0.2005
Ni2316	231.604 {4	In2306	ppm	0.0057	0.0077	134.6	0.0003	0.0111
P_1782	178.284 {4	In2306	ppm	0.0282	0.038	134.8	0.0013	0.0551
Pb2203	220.353 {4	In2306	ppm	0.0055	0.0071	130.2	0.0004	0.0105
S_1820	182.034 {4	Y_2243	ppm	-28.28	37.89	134	-1.491	-55.07
Sb2068	206.833 {4	Y_2243	ppm	0.0098	0.0076	77.87	0.0044	0.0151
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0075	208.3	-0.0017	0.0089
Si2516	251.611 {1	Y_3710	ppm	0.013	0.0251	193.3	-0.0048	0.0307
Sn1899	189.989 {4	In2306	ppm	0.0053	0.0077	146.1	-0.0002	0.0107
Sr4215	421.552 { 8	Y_3710	ppm	0	0	48.84	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0003	119.6	0	0.0005
Tl1908	190.856 {4	In2306	ppm	0.0084	0.0107	127.7	0.0008	0.0159
V_2924	292.402 {1	Y_3600	ppm	0	0.0005	2099	-0.0003	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0079	0.0097	121.9	0.0011	0.0148

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.903	2.3734	4.099	59.582	56.225
In2306	230.606 {4	Cts/S	9903.6	409.39	4.1338	10193	9614.1
Y_2243	224.306 {4	Cts/S	12578	327.69	2.6053	12810	12346
Y_3600	360.073 { 9	Cts/S	46243	29.58	0.06397	46222	46264
Y_3710	371.030 { 9	Cts/S	8464.2	193.7	2.2885	8601.2	8327.2

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	108.6	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0391	0.0347	88.89	0.0637	0.0145
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0005	84.65	0.0002	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.4959	0.012	2.427	0.5044	0.4873
Ba4554	455.403 { 7	Y_3710	ppm	0.1304	0.0007	0.5281	0.1309	0.1299
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	45.97	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	35.54	1.316	3.704	34.6	36.47
Ca3181	318.128 {1	In2306	ppm	35.87	1.285	3.584	34.96	36.78
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	158.9	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	59.81	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	33.77	0.0002	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0211	0.0002	0.7655	0.021	0.0213

Fe2404	240.488 {1	In2306	ppm	0.0144	0.0041	28.46	0.0115	0.0173
K_7664	766.490 { 4	Y_3710	ppm	14.61	0.7289	4.991	15.12	14.09
K_7698	769.896 { 4	Y_3710	ppm	14.88	0.7324	4.921	15.4	14.37
Li6707	670.784 { 5	Y_3710	ppm	0.0248	0.002	8.041	0.0262	0.0234
Mg2790	279.079 {1	Y_3710	ppm	6.246	0.0882	1.412	6.183	6.308
Mn2576	257.610 {1	Y_3600	ppm	0.0068	0	0.2036	0.0068	0.0068
Mn2576-2	257.610 {1	Y_3710	ppm	0.0069	0.0002	2.756	0.0068	0.007
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0002	9.694	0.0019	0.0021
Na5895	589.592 { 5	Y_3710	ppm	141	13.19	9.35	150.4	131.7
Na8183	818.326 { 4	Y_3710	ppm	149.7	3.603	2.407	152.2	147.1
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	68.53	0.0002	0.0001
P_1782	178.284 {4	In2306	ppm	3.021	0.0147	0.4878	3.031	3.01
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	49.6	0.0002	0.0003
S_1820	182.034 {4	Y_2243	ppm	-898.3	4.539	0.5052	-901.5	-895.1
Sb2068	206.833 {4	Y_2243	ppm	0.003	0.0005	16.13	0.0027	0.0034
Se1960	196.090 {4	Y_2243	ppm	0.0001	0	12.46	0.0001	0.0002
Si2516	251.611 {1	Y_3710	ppm	8.286	0.0473	0.5711	8.319	8.252
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	35.37	0.0004	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.4904	0.0012	0.2384	0.4912	0.4895
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0006	56.23	0.0016	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0006	43.27	0.0017	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0011	0.0002	22.13	0.0013	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0672	0.0008	1.119	0.0677	0.0667

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.793	0.68152	1.2438	55.274	54.311
In2306	230.606 {4	Cts/S	8759.4	6.175	0.0705	8763.7	8755
Y_2243	224.306 {4	Cts/S	11899	31.984	0.26878	11922	11877
Y_3600	360.073 { 9	Cts/S	48237	325.52	0.67484	48467	48006
Y_3710	371.030 { 9	Cts/S	7962.8	41.808	0.52504	7933.2	7992.3

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0005	99.81	0.0008	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0041	0.0179	440.7	-0.0168	0.0086
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0008	43.49	0.0024	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.1323	0.0034	2.59	0.1347	0.1298
Ba4554	455.403 { 7	Y_3710	ppm	0.1626	0.001	0.5865	0.1619	0.1633
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	576.1	0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	52.35	0.1462	0.2792	52.25	52.46
Ca3181	318.128 {1	In2306	ppm	52.4	0.3865	0.7376	52.13	52.68
Cd2288	228.802 {4	Y_2243	ppm	0	0	52.34	0.0001	0
Co2286	228.616 {4	In2306	ppm	-0.0002	0.0001	69.38	-0.0003	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0001	7.627	0.0014	0.0013

Cu3247	324.754 {1	Y_3600	ppm	0.0063	0.0006	9.486	0.0067	0.0058
Fe2404	240.488 {1	In2306	ppm	0.0037	0.0292	791.1	0.0244	-0.017
K_7664	766.490 { 4	Y_3710	ppm	7.907	0.1049	1.327	7.833	7.981
K_7698	769.896 { 4	Y_3710	ppm	7.854	0.0969	1.234	7.786	7.923
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0002	1.768	0.01	0.0103
Mg2790	279.079 {1	Y_3710	ppm	4.739	0.0615	1.299	4.783	4.696
Mn2576	257.610 {1	Y_3600	ppm	0.0017	0.0001	7.614	0.0016	0.0018
Mn2576-2	257.610 {1	Y_3710	ppm	0.0023	0.0009	41.29	0.003	0.0016
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0	7.273	0.0006	0.0006
Na5895	589.592 { 5	Y_3710	ppm	56.91	1.336	2.347	55.97	57.86
Na8183	818.326 { 4	Y_3710	ppm	55.97	0.3639	0.6503	55.71	56.23
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	257.3	0.0002	-0.0001
P_1782	178.284 {4	In2306	ppm	2.306	0.0031	0.135	2.304	2.308
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	21.8	0.0003	0.0004
S_1820	182.034 {4	Y_2243	ppm	-301.1	7.452	2.475	-295.8	-306.4
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0.0005	789.1	-0.0003	0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0007	210	-0.0002	0.0008
Si2516	251.611 {1	Y_3710	ppm	10.41	0.0621	0.5969	10.45	10.36
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0003	63.47	-0.0007	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.2129	0	0.0112	0.2129	0.2128
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0005	92.42	0.0009	0.0002
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0004	65.4	0.001	0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0035	0	0.0856	0.0035	0.0035
Zn2062	206.200 {4	In2306	ppm	0.0386	0.0001	0.2761	0.0385	0.0387

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.283	0.25236	0.4649	54.461	54.104
In2306	230.606 {4	Cts/S	9084.2	25.006	0.27527	9101.9	9066.5
Y_2243	224.306 {4	Cts/S	12169	11.931	0.09804	12177	12160
Y_3600	360.073 { 9	Cts/S	47325	83.477	0.17639	47384	47266
Y_3710	371.030 { 9	Cts/S	8119	13.58	0.16726	8128.7	8109.4

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0009	148	0	0.0013
Al3082	308.215 {1	In2306	ppm	0.3849	0.0146	3.8	0.3745	0.3952
As1890	189.042 {4	Y_2243	ppm	0.0036	0.0006	15.49	0.0032	0.004
B_2496	249.678 {1	Y_3710	ppm	0.1212	0.0001	0.1196	0.1213	0.1211
Ba4554	455.403 { 7	Y_3710	ppm	0.182	0.0018	0.989	0.1833	0.1807
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	294.9	0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	50.03	0.6221	1.243	49.59	50.47
Ca3181	318.128 {1	In2306	ppm	50.21	1.035	2.061	49.48	50.94
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	23.63	0.0003	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	49.54	0.0004	0.0002

Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0004	30.95	0.0015	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0396	0.0002	0.5147	0.0397	0.0394
Fe2404	240.488 {1	In2306	ppm	0.1949	0.0158	8.114	0.2061	0.1837
K_7664	766.490 { 4	Y_3710	ppm	15.47	0.6158	3.982	15.9	15.03
K_7698	769.896 { 4	Y_3710	ppm	15.6	0.6778	4.343	16.08	15.13
Li6707	670.784 { 5	Y_3710	ppm	0.0121	0.0005	4.381	0.0124	0.0117
Mg2790	279.079 {1	Y_3710	ppm	5.372	0.0538	1.002	5.41	5.334
Mn2576	257.610 {1	Y_3600	ppm	0.0261	0.0001	0.384	0.0261	0.0262
Mn2576-2	257.610 {1	Y_3710	ppm	0.0253	0.0025	9.86	0.0236	0.0271
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0	1.143	0.0013	0.0013
Na5895	589.592 { 5	Y_3710	ppm	78.22	2.85	3.643	80.23	76.2
Na8183	818.326 { 4	Y_3710	ppm	74.04	1.66	2.241	75.21	72.87
Ni2316	231.604 {4	In2306	ppm	0.0011	0.0002	20.23	0.001	0.0013
P_1782	178.284 {4	In2306	ppm	6.921	0.0232	0.3352	6.937	6.905
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0002	23.67	0.0008	0.0006
S_1820	182.034 {4	Y_2243	ppm	-459.5	1.427	0.3105	-460.5	-458.5
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.001	151.1	0	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0027	0	1.304	0.0026	0.0027
Si2516	251.611 {1	Y_3710	ppm	10.49	0.0166	0.1585	10.5	10.48
Sn1899	189.989 {4	In2306	ppm	0.0028	0.0004	14.25	0.0031	0.0026
Sr4215	421.552 { 8	Y_3710	ppm	0.22	0.0015	0.6901	0.2211	0.2189
Ti3349	334.904 {1	Y_3600	ppm	0.002	0.0001	2.776	0.002	0.002
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0019	156.1	0.0025	-0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0036	0.0006	17.87	0.0041	0.0032
Zn2062	206.200 {4	In2306	ppm	0.1185	0.001	0.8514	0.1192	0.1178

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.143	0.47775	0.88239	53.806	54.481
In2306	230.606 {4	Cts/S	8942.4	8.7121	0.09742	8948.5	8936.2
Y_2243	224.306 {4	Cts/S	12005	10.387	0.08652	12013	11998
Y_3600	360.073 { 9	Cts/S	46599	251.96	0.54071	46420	46777
Y_3710	371.030 { 9	Cts/S	7847.3	75.291	0.95945	7794.1	7900.6

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	200.5	-0.0001	0.0007
Al3082	308.215 {1	In2306	ppm	0.1332	0.0458	34.4	0.1008	0.1656
As1890	189.042 {4	Y_2243	ppm	0.005	0.001	18.97	0.0043	0.0057
B_2496	249.678 {1	Y_3710	ppm	0.2543	0.0068	2.666	0.2495	0.2591
Ba4554	455.403 { 7	Y_3710	ppm	0.0685	0.0004	0.6102	0.0682	0.0688
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	1313	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	47.43	0.1852	0.3905	47.3	47.56
Ca3181	318.128 {1	In2306	ppm	47.88	0.2166	0.4525	47.73	48.03
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	89.67	-0.0002	0

Co2286	228.616 {4	In2306	ppm	0.0013	0.0003	21.73	0.0011	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0005	26.38	0.0016	0.0024
Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0009	77.27	-0.0005	-0.0018
Fe2404	240.488 {1	In2306	ppm	0.0982	0.014	14.31	0.0883	0.1081
K_7664	766.490 { 4	Y_3710	ppm	10.43	0.1516	1.453	10.54	10.33
K_7698	769.896 { 4	Y_3710	ppm	10.63	0.1915	1.802	10.76	10.49
Li6707	670.784 { 5	Y_3710	ppm	0.0346	0.001	2.966	0.0354	0.0339
Mg2790	279.079 {1	Y_3710	ppm	6.437	0.0676	1.05	6.389	6.485
Mn2576	257.610 {1	Y_3600	ppm	0.0053	0	0.9302	0.0052	0.0053
Mn2576-2	257.610 {1	Y_3710	ppm	0.0054	0.0011	21.31	0.0046	0.0062
Mo2020	202.030 {4	Y_2243	ppm	0.0296	0.001	3.342	0.0303	0.0289
Na5895	589.592 { 5	Y_3710	ppm	530.4	28.84	5.437	550.7	510
Na8183	818.326 { 4	Y_3710	ppm	742.6	0.1854	0.025	742.7	742.5
Ni2316	231.604 {4	In2306	ppm	0.0049	0.0001	1.764	0.005	0.0048
P_1782	178.284 {4	In2306	ppm	0.6764	0.2416	35.72	0.5056	0.8472
Pb2203	220.353 {4	In2306	ppm	0.001	0.0004	40.07	0.0007	0.0013
S_1820	182.034 {4	Y_2243	ppm	-14250	290.6	2.039	-14460	-14050
Sb2068	206.833 {4	Y_2243	ppm	0.0026	0.0004	14.93	0.0028	0.0023
Se1960	196.090 {4	Y_2243	ppm	0.0739	0.0014	1.959	0.075	0.0729
Si2516	251.611 {1	Y_3710	ppm	3.958	0.0622	1.572	3.914	4.002
Sn1899	189.989 {4	In2306	ppm	0	0.0004	894.9	-0.0002	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.4	0.0049	1.233	0.3965	0.4035
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0004	44.18	0.0013	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0005	57.62	0.0005	0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0085	0.0001	0.6746	0.0085	0.0086
Zn2062	206.200 {4	In2306	ppm	0.0523	0.0029	5.526	0.0502	0.0543

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.328	0.70827	1.3281	52.827	53.829
In2306	230.606 {4	Cts/S	7766.1	79.658	1.0257	7822.4	7709.8
Y_2243	224.306 {4	Cts/S	11153	108.54	0.9732	11230	11076
Y_3600	360.073 { 9	Cts/S	48409	653.32	1.3496	47947	48871
Y_3710	371.030 { 9	Cts/S	7803.5	51.182	0.65588	7839.7	7767.3

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	210.1	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.087	0.0052	5.979	0.0907	0.0833
As1890	189.042 {4	Y_2243	ppm	0.0069	0.0005	7.209	0.0072	0.0065
B_2496	249.678 {1	Y_3710	ppm	0.0682	0.0079	11.52	0.0627	0.0738
Ba4554	455.403 { 7	Y_3710	ppm	0.1056	0.0007	0.684	0.1051	0.1061
Be3130	313.042 {1	Y_3710	ppm	-0.0004	0.0001	19.26	-0.0003	-0.0004
Ca3158	315.887 {1	In2306	ppm	1339	3.401	0.2539	1337	1342
Ca3181	318.128 {1	In2306	ppm	1404	4.092	0.2914	1401	1407

Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	854.9	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0003	51.02	0.0004	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0035	0.0004	10.18	0.0037	0.0032
Cu3247	324.754 {1	Y_3600	ppm	-0.0028	0.0001	2.091	-0.0028	-0.0027
Fe2404	240.488 {1	In2306	ppm	0.169	0.0225	13.32	0.1531	0.1849
K_7664	766.490 { 4	Y_3710	ppm	5.682	0.0972	1.71	5.614	5.751
K_7698	769.896 { 4	Y_3710	ppm	5.808	0.0382	0.6574	5.781	5.835
Li6707	670.784 { 5	Y_3710	ppm	0.0208	0.0003	1.441	0.0206	0.021
Mg2790	279.079 {1	Y_3710	ppm	20.04	0.0659	0.3287	19.99	20.09
Mn2576	257.610 {1	Y_3600	ppm	0.0562	0.0001	0.1112	0.0562	0.0563
Mn2576-2	257.610 {1	Y_3710	ppm	0.056	0.0007	1.249	0.0565	0.0556
Mo2020	202.030 {4	Y_2243	ppm	0.0101	0	0.1415	0.0102	0.0101
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3096	31.23	1.009	3118	3074
Ni2316	231.604 {4	In2306	ppm	0.0076	0	0.1484	0.0076	0.0076
P_1782	178.284 {4	In2306	ppm	4.217	0.1312	3.111	4.31	4.124
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0005	65.2	-0.0004	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-19000	540.1	2.842	-19380	-18620
Sb2068	206.833 {4	Y_2243	ppm	0.0005	0.0011	210	-0.0003	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0001	2.72	0.0026	0.0025
Si2516	251.611 {1	Y_3710	ppm	4.734	0.003	0.0636	4.732	4.736
Sn1899	189.989 {4	In2306	ppm	0.0003	0	7.378	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	2.459	0.0026	0.1051	2.457	2.461
Ti3349	334.904 {1	Y_3600	ppm	0.0062	0.0001	1.708	0.0063	0.0062
Tl1908	190.856 {4	In2306	ppm	-0.0027	0.0002	8.687	-0.0025	-0.0028
V_2924	292.402 {1	Y_3600	ppm	0.0027	0	1.708	0.0027	0.0027
Zn2062	206.200 {4	In2306	ppm	0.0095	0.0002	2.34	0.0094	0.0097

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.437	0.50479	1.0641	47.794	47.08
In2306	230.606 {4	Cts/S	5917.4	125.74	2.1249	5828.5	6006.3
Y_2243	224.306 {4	Cts/S	9040.9	190.19	2.1037	8906.5	9175.4
Y_3600	360.073 { 9	Cts/S	47076	70.029	0.14876	47125	47026
Y_3710	371.030 { 9	Cts/S	7375.8	2.0822	0.02823	7377.3	7374.3

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0	29.76	-0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0084	0.0023	26.93	0.01	0.0068
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0003	47.3	0.0004	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0089	0.0089	100.2	0.0152	0.0026
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0.0001	8.096	0.001	0.0009
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	349.1	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.8754	0.0437	4.992	0.9063	0.8445

Ca3181	318.128 {1	In2306	ppm	1.098	0.0212	1.926	1.083	1.113
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	34.5	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	-0.0001	0	46.75	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0006	292.3	0.0002	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	7.753	-0.0019	-0.0017
Fe2404	240.488 {1	In2306	ppm	0.039	0.0009	2.261	0.0397	0.0384
K_7664	766.490 { 4	Y_3710	ppm	7.016	0.6972	9.938	6.523	7.509
K_7698	769.896 { 4	Y_3710	ppm	6.931	0.6859	9.897	6.446	7.416
Li6707	670.784 { 5	Y_3710	ppm	0.0008	0.0002	22.42	0.0009	0.0007
Mg2790	279.079 {1	Y_3710	ppm	0.0414	0.0196	47.36	0.0275	0.0553
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0.0001	4.636	0.0014	0.0013
Mn2576-2	257.610 {1	Y_3710	ppm	0.0017	0.0006	38.52	0.0012	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0007	108.5	0.0002	0.0012
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	30.62
Na8183	818.326 { 4	Y_3710	ppm	28.84	2.107	7.307	27.35	30.33
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	125.9	0.0001	0
P_1782	178.284 {4	In2306	ppm	0.2279	0.1163	51	0.1457	0.3101
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0009	720.9	0.0008	-0.0005
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	-266	^ -----
Sb2068	206.833 {4	Y_2243	ppm	0.0008	0.0023	290	-0.0008	0.0024
Se1960	196.090 {4	Y_2243	ppm	-0.0017	0.0007	42.34	-0.0012	-0.0022
Si2516	251.611 {1	Y_3710	ppm	0.0448	0.0167	37.24	0.033	0.0566
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0004	114.7	-0.0007	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.004	0.0001	1.775	0.0041	0.004
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0.0005	99.94	-0.0008	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0002	38.35	0.0008	0.0005
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0002	63.51	-0.0002	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0052	0.0007	12.81	0.0047	0.0056

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.76	0.8915	1.5707	57.39	56.13
In2306	230.606 {4	Cts/S	9083.3	540.36	5.949	9465.4	8701.2
Y_2243	224.306 {4	Cts/S	12174	366.1	3.0071	12433	11916
Y_3600	360.073 { 9	Cts/S	47248	47.296	0.1001	47281	47214
Y_3710	371.030 { 9	Cts/S	8461.4	113.69	1.3436	8541.8	8381

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2409	0.0015	0.611	0.2399	0.2419
Al3082	308.215 {1	In2306	ppm	2.602	0.09	3.46	2.666	2.538
As1890	189.042 {4	Y_2243	ppm	0.4736	0.0013	0.2686	0.4745	0.4727
B_2496	249.678 {1	Y_3710	ppm	0.4726	0.0028	0.5877	0.4745	0.4706
Ba4554	455.403 { 7	Y_3710	ppm	0.4841	0.0012	0.2507	0.485	0.4833
Be3130	313.042 {1	Y_3710	ppm	0.4927	0.0009	0.1818	0.4933	0.492

Ca3158	315.887 {1	In2306	ppm	12.32	0.1864	1.513	12.19	12.45
Ca3181	318.128 {1	In2306	ppm	12.55	0.1515	1.207	12.44	12.66
Cd2288	228.802 {4	Y_2243	ppm	0.4774	0.0044	0.9242	0.4805	0.4742
Co2286	228.616 {4	In2306	ppm	0.4857	0.004	0.8258	0.4885	0.4829
Cr2677	267.716 {1	Y_3600	ppm	0.4943	0.0014	0.2928	0.4933	0.4953
Cu3247	324.754 {1	Y_3600	ppm	0.4865	0.0002	0.042	0.4863	0.4866
Fe2404	240.488 {1	In2306	ppm	2.373	0.0326	1.374	2.35	2.396
K_7664	766.490 { 4	Y_3710	ppm	13.39	0.0316	0.2359	13.36	13.41
K_7698	769.896 { 4	Y_3710	ppm	13.48	0.002	0.0149	13.48	13.48
Li6707	670.784 { 5	Y_3710	ppm	0.5261	0.0001	0.0155	0.5261	0.526
Mg2790	279.079 {1	Y_3710	ppm	4.724	0.0408	0.8639	4.695	4.753
Mn2576	257.610 {1	Y_3600	ppm	0.4831	0.0018	0.3777	0.4818	0.4844
Mn2576-2	257.610 {1	Y_3710	ppm	0.4539	0.0024	0.52	0.4522	0.4555
Mo2020	202.030 {4	Y_2243	ppm	0.4788	0.0058	1.202	0.4829	0.4748
Na5895	589.592 { 5	Y_3710	ppm	13.27	0.0211	0.1591	13.25	13.28
Na8183	818.326 { 4	Y_3710	ppm	12.82	0.1424	1.111	12.92	12.72
Ni2316	231.604 {4	In2306	ppm	0.4744	0.0034	0.7075	0.4767	0.472
P_1782	178.284 {4	In2306	ppm	0.004	0.0061	151.7	-0.0003	0.0083
Pb2203	220.353 {4	In2306	ppm	0.4774	0.0032	0.6731	0.4797	0.4752
S_1820	182.034 {4	Y_2243	ppm	-61.46	24.37	39.65	-44.23	-78.7
Sb2068	206.833 {4	Y_2243	ppm	0.4664	0.0054	1.163	0.4703	0.4626
Se1960	196.090 {4	Y_2243	ppm	0.481	0.0029	0.6121	0.4831	0.479
Si2516	251.611 {1	Y_3710	ppm	0.7823	0.0013	0.1656	0.7832	0.7814
Sn1899	189.989 {4	In2306	ppm	0.4943	0.0042	0.8435	0.4973	0.4914
Sr4215	421.552 { 8	Y_3710	ppm	0.2435	0.0004	0.1602	0.2438	0.2432
Ti3349	334.904 {1	Y_3600	ppm	0.5066	0.0004	0.0704	0.5064	0.5069
Tl1908	190.856 {4	In2306	ppm	0.4761	0.0147	3.093	0.4865	0.4657
V_2924	292.402 {1	Y_3600	ppm	0.5057	0.0023	0.4464	0.5041	0.5073
Zn2062	206.200 {4	In2306	ppm	0.484	0.0018	0.3632	0.4853	0.4828

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.745	0.30748	0.54186	56.962	56.528
In2306	230.606 {4	Cts/S	9559	44.099	0.46133	9590.2	9527.8
Y_2243	224.306 {4	Cts/S	12613	22.975	0.18215	12629	12597
Y_3600	360.073 { 9	Cts/S	47063	156.26	0.33201	47174	46953
Y_3710	371.030 { 9	Cts/S	8107.1	19.556	0.24122	8093.2	8120.9

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0.0002	3.296	0.005	0.0052
Al3082	308.215 {1	In2306	ppm	0.1257	0.0294	23.35	0.105	0.1465
As1890	189.042 {4	Y_2243	ppm	0.0104	0.0024	23.21	0.0087	0.0121
B_2496	249.678 {1	Y_3710	ppm	0.0121	0.0057	47.09	0.008	0.0161
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0003	3.339	0.0095	0.01

Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	4.038	0.0048	0.0045
Ca3158	315.887 {1	In2306	ppm	0.0988	0.0137	13.89	0.0891	0.1084
Ca3181	318.128 {1	In2306	ppm	0.0905	0.0286	31.58	0.0703	0.1107
Cd2288	228.802 {4	Y_2243	ppm	0.0072	0.003	41.62	0.0051	0.0093
Co2286	228.616 {4	In2306	ppm	0.0122	0.0033	26.88	0.0099	0.0146
Cr2677	267.716 {1	Y_3600	ppm	0.0093	0.0001	1.066	0.0092	0.0093
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0001	0.6214	0.0086	0.0087
Fe2404	240.488 {1	In2306	ppm	0.0762	0.0098	12.92	0.0831	0.0692
K_7664	766.490 { 4	Y_3710	ppm	0.6496	0.0008	0.1245	0.649	0.6501
K_7698	769.896 { 4	Y_3710	ppm	0.3746	0.0015	0.4047	0.3757	0.3735
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0.0004	3.909	0.0096	0.0101
Mg2790	279.079 {1	Y_3710	ppm	0.0439	0.0644	146.8	-0.0017	0.0894
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0002	2.184	0.0099	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0101	0.0015	15.27	0.009	0.0112
Mo2020	202.030 {4	Y_2243	ppm	0.0136	0.0038	27.72	0.0109	0.0163
Na5895	589.592 { 5	Y_3710	ppm	0.8035	0.0105	1.305	0.7961	0.811
Na8183	818.326 { 4	Y_3710	ppm	0.6669	0.0661	9.911	0.7137	0.6202
Ni2316	231.604 {4	In2306	ppm	0.0122	0.0028	22.75	0.0102	0.0141
P_1782	178.284 {4	In2306	ppm	0.0098	0.0003	3.01	0.0096	0.01
Pb2203	220.353 {4	In2306	ppm	0.0126	0.0026	20.73	0.0107	0.0144
S_1820	182.034 {4	Y_2243	ppm	-2.138	2.059	96.29	-0.6823	-3.594
Sb2068	206.833 {4	Y_2243	ppm	0.0187	0.0037	19.87	0.016	0.0213
Se1960	196.090 {4	Y_2243	ppm	0.0106	0.0017	15.74	0.0094	0.0118
Si2516	251.611 {1	Y_3710	ppm	-0.0282	0	0.0564	-0.0282	-0.0282
Sn1899	189.989 {4	In2306	ppm	0.0128	0.004	31.27	0.01	0.0156
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0.0001	2.654	0.0045	0.0047
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0002	2.125	0.0101	0.0104
Tl1908	190.856 {4	In2306	ppm	0.0153	0.0047	30.87	0.012	0.0186
V_2924	292.402 {1	Y_3600	ppm	0.0103	0.0004	4.129	0.0106	0.01
Zn2062	206.200 {4	In2306	ppm	0.0109	0.0031	28.6	0.0087	0.0131

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.569	1.1304	2.0342	56.369	54.77
In2306	230.606 {4	Cts/S	10166	3.0063	0.02957	10169	10164
Y_2243	224.306 {4	Cts/S	12863	44.934	0.34933	12831	12895
Y_3600	360.073 { 9	Cts/S	46327	238.52	0.51486	46158	46496
Y_3710	371.030 { 9	Cts/S	8420.3	20.507	0.24354	8434.8	8405.8

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	354.8	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0177	0.0004	2.105	-0.018	-0.0174
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0014	255.1	-0.0004	0.0015
B_2496	249.678 {1	Y_3710	ppm	-0.0048	0.0067	139.3	-0.0095	-0.0001

Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	2884	0	0
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0002	57.7	-0.0002	-0.0005
Ca3158	315.887 {1	In2306	ppm	-0.0115	0.0223	194.7	-0.0273	0.0043
Ca3181	318.128 {1	In2306	ppm	0.0559	0.0575	102.7	0.0153	0.0965
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	364.4	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	96.28	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	10180	0.0003	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0012	0.0002	14.22	-0.0011	-0.0013
Fe2404	240.488 {1	In2306	ppm	-0.0136	0.0076	55.75	-0.0082	-0.0189
K_7664	766.490 { 4	Y_3710	ppm	0.023	0.0232	100.7	0.0394	0.0066
K_7698	769.896 { 4	Y_3710	ppm	-0.0206	0.0077	37.57	-0.0151	-0.026
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	33.16	0.0002	0.0004
Mg2790	279.079 {1	Y_3710	ppm	-0.0484	0.1132	233.7	0.0316	-0.1285
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	19.54	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0017	0.0027	159.2	-0.0002	0.0036
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	51.9	0.0001	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.1781	0.0012	0.6979	0.1789	0.1772
Na8183	818.326 { 4	Y_3710	ppm	-0.1446	0.0821	56.81	-0.0865	-0.2027
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	174.5	0.0002	0
P_1782	178.284 {4	In2306	ppm	-0.0004	0.0001	14.46	-0.0004	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0016	487.7	-0.0008	0.0015
S_1820	182.034 {4	Y_2243	ppm	-1.182	0.0269	2.279	-1.163	-1.201
Sb2068	206.833 {4	Y_2243	ppm	0.0043	0.0004	8.823	0.0045	0.004
Se1960	196.090 {4	Y_2243	ppm	-0.0011	0.0003	31.15	-0.0009	-0.0014
Si2516	251.611 {1	Y_3710	ppm	-0.0238	0.0002	0.9862	-0.0239	-0.0236
Sn1899	189.989 {4	In2306	ppm	0	0.0002	635	-0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0	148.7	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0004	438.8	-0.0002	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0008	0	0.8025	0.0008	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0003	86.14	0.0001	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	76.28	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.886	1.2034	2.1154	56.036	57.737
In2306	230.606 {4	Cts/S	10164	4.8175	0.0474	10161	10168
Y_2243	224.306 {4	Cts/S	12825	23.921	0.18652	12808	12842
Y_3600	360.073 { 9	Cts/S	45550	32.669	0.07172	45573	45527
Y_3710	371.030 { 9	Cts/S	8197.5	51.49	0.62812	8161.1	8233.9

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0002	159	0	0.0003
Al3082	308.215 {1	In2306	ppm	0.154	0.0323	21	0.1768	0.1311
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0007	44.22	0.001	0.0019

B_2496	249.678 {1	Y_3710	ppm	0.0901	0.003	3.364	0.0879	0.0922
Ba4554	455.403 { 7	Y_3710	ppm	0.0581	0.0007	1.281	0.0586	0.0575
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	173.4	0.0002	0
Ca3158	315.887 {1	In2306	ppm	19.2	0.2502	1.303	19.02	19.38
Ca3181	318.128 {1	In2306	ppm	19.32	0.2111	1.093	19.17	19.47
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	8.017	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	31.89	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0003	267.9	-0.0001	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0007	0.0001	15.3	-0.0006	-0.0008
Fe2404	240.488 {1	In2306	ppm	0.1566	0.0254	16.25	0.1746	0.1386
K_7664	766.490 { 4	Y_3710	ppm	4.999	0.261	5.221	5.183	4.814
K_7698	769.896 { 4	Y_3710	ppm	4.888	0.2806	5.741	5.087	4.69
Li6707	670.784 { 5	Y_3710	ppm	0.0043	0.0001	3.157	0.0044	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.242	0.0438	1.955	2.211	2.273
Mn2576	257.610 {1	Y_3600	ppm	0.0182	0.0002	1.122	0.0183	0.018
Mn2576-2	257.610 {1	Y_3710	ppm	0.0167	0.0003	1.576	0.0165	0.0169
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0	2.408	0.0015	0.0015
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	65.65	^ -----
Na8183	818.326 { 4	Y_3710	ppm	67.42	1.64	2.432	68.58	66.26
Ni2316	231.604 {4	In2306	ppm	0.0013	0.0001	10.94	0.0014	0.0012
P_1782	178.284 {4	In2306	ppm	0.1305	0	0.0259	0.1305	0.1305
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	45.29	0.0009	0.0004
S_1820	182.034 {4	Y_2243	ppm	-319.3	1.934	0.6056	-320.7	-317.9
Sb2068	206.833 {4	Y_2243	ppm	0	0.0012	5640	0.0008	-0.0009
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0005	44.56	-0.0016	-0.0008
Si2516	251.611 {1	Y_3710	ppm	1.4	0.0077	0.5471	1.405	1.394
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0004	75.74	-0.0002	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.0983	0.001	1.021	0.099	0.0976
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0009	59.16	0.0009	0.0022
Tl1908	190.856 {4	In2306	ppm	0.0003	0.0009	312.3	-0.0004	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0034	0	1.358	0.0034	0.0035
Zn2062	206.200 {4	In2306	ppm	0.0054	0.0001	1.906	0.0055	0.0054

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.316	0.42864	0.77489	55.013	55.619
In2306	230.606 {4	Cts/S	9262.9	0.47817	0.00516	9263.3	9262.6
Y_2243	224.306 {4	Cts/S	12340	4.0816	0.03308	12337	12343
Y_3600	360.073 { 9	Cts/S	48026	319.96	0.66622	47800	48252
Y_3710	371.030 { 9	Cts/S	8276.2	87.52	1.0575	8214.3	8338.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0008	254.2	-0.0002	0.0009
Al3082	308.215 {1	In2306	ppm	0.188	0.0043	2.277	0.191	0.185

As1890	189.042 {4	Y_2243	ppm	0.0022	0.0013	60.64	0.0032	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.1079	0.0009	0.8525	0.1073	0.1086
Ba4554	455.403 { 7	Y_3710	ppm	0.0584	0.0005	0.8408	0.0587	0.058
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	6.326	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	19.15	0.4196	2.191	18.85	19.45
Ca3181	318.128 {1	In2306	ppm	19.26	0.4996	2.595	18.9	19.61
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	43.63	-0.0002	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	33.01	0.0006	0.0004
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0007	179.3	-0.0008	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0002	0.0005	237.1	-0.0001	0.0005
Fe2404	240.488 {1	In2306	ppm	0.1506	0.0023	1.528	0.1522	0.149
K_7664	766.490 { 4	Y_3710	ppm	5.073	0.0303	0.5971	5.095	5.052
K_7698	769.896 { 4	Y_3710	ppm	4.92	0.0538	1.093	4.958	4.882
Li6707	670.784 { 5	Y_3710	ppm	0.0044	0.0003	6.131	0.0046	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.241	0.0892	3.98	2.304	2.178
Mn2576	257.610 {1	Y_3600	ppm	0.0182	0	0.0288	0.0182	0.0182
Mn2576-2	257.610 {1	Y_3710	ppm	0.0156	0.0021	13.64	0.0141	0.0171
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0.0001	5.207	0.0015	0.0014
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	66.36	^ -----
Na8183	818.326 { 4	Y_3710	ppm	68.16	0.059	0.0866	68.12	68.2
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0003	24.89	0.001	0.0014
P_1782	178.284 {4	In2306	ppm	0.1286	0	0.0107	0.1286	0.1286
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0011	1832	0.0007	-0.0008
S_1820	182.034 {4	Y_2243	ppm	-317.1	0.4837	0.1525	-316.8	-317.5
Sb2068	206.833 {4	Y_2243	ppm	0.0014	0.0001	5.833	0.0015	0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0013	449.3	0.0012	-0.0006
Si2516	251.611 {1	Y_3710	ppm	1.422	0.0213	1.498	1.407	1.437
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0004	94.83	-0.0008	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0988	0.0003	0.2671	0.099	0.0987
Ti3349	334.904 {1	Y_3600	ppm	0.0026	0	0.0283	0.0026	0.0026
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0004	212.9	-0.0004	0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0042	0.0003	7.286	0.0039	0.0044
Zn2062	206.200 {4	In2306	ppm	0.0051	0.0001	2.694	0.0052	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.065	1.199	2.2176	54.913	53.217
In2306	230.606 {4	Cts/S	9266.8	18.621	0.20094	9280	9253.7
Y_2243	224.306 {4	Cts/S	12350	37.464	0.30334	12377	12324
Y_3600	360.073 { 9	Cts/S	47876	536.14	1.1199	47497	48255
Y_3710	371.030 { 9	Cts/S	8149.7	19.965	0.24498	8135.6	8163.8

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4877	0.0011	0.2211	0.4869	0.4885

Al3082	308.215 {1	In2306	ppm	10.52	0.3791	3.604	10.79	10.25
As1890	189.042 {4	Y_2243	ppm	0.9505	0.0026	0.2781	0.9524	0.9487
B_2496	249.678 {1	Y_3710	ppm	1.052	0.0099	0.937	1.059	1.046
Ba4554	455.403 { 7	Y_3710	ppm	1.021	0.0052	0.5059	1.025	1.018
Be3130	313.042 {1	Y_3710	ppm	0.487	0.0011	0.2231	0.4862	0.4877
Ca3158	315.887 {1	In2306	ppm	28.41	0.4907	1.727	28.76	28.07
Ca3181	318.128 {1	In2306	ppm	28.65	0.4577	1.597	28.98	28.33
Cd2288	228.802 {4	Y_2243	ppm	0.4762	0.0009	0.1848	0.4768	0.4756
Co2286	228.616 {4	In2306	ppm	0.979	0.0012	0.1199	0.9798	0.9781
Cr2677	267.716 {1	Y_3600	ppm	0.9624	0.0053	0.5524	0.9662	0.9587
Cu3247	324.754 {1	Y_3600	ppm	0.9858	0.0095	0.9653	0.9791	0.9926
Fe2404	240.488 {1	In2306	ppm	9.682	0.1495	1.544	9.788	9.576
K_7664	766.490 { 4	Y_3710	ppm	16.16	0.3502	2.167	16.41	15.92
K_7698	769.896 { 4	Y_3710	ppm	16.41	0.3687	2.247	16.67	16.15
Li6707	670.784 { 5	Y_3710	ppm	0.5444	0.0164	3.018	0.556	0.5328
Mg2790	279.079 {1	Y_3710	ppm	11.84	0.024	0.2028	11.82	11.86
Mn2576	257.610 {1	Y_3600	ppm	0.9608	0.0046	0.4812	0.9641	0.9576
Mn2576-2	257.610 {1	Y_3710	ppm	0.9108	0.0032	0.3535	0.9085	0.9131
Mo2020	202.030 {4	Y_2243	ppm	0.9305	0.0048	0.5145	0.9338	0.9271
Na5895	589.592 { 5	Y_3710	ppm	77.75	0.0401	0.0516	77.72	77.78
Na8183	818.326 { 4	Y_3710	ppm	80.06	1.091	1.363	80.83	79.29
Ni2316	231.604 {4	In2306	ppm	0.9474	0.0035	0.3705	0.9499	0.9449
P_1782	178.284 {4	In2306	ppm	0.1319	0.0006	0.4416	0.1315	0.1323
Pb2203	220.353 {4	In2306	ppm	0.9456	0.0004	0.0375	0.9459	0.9454
S_1820	182.034 {4	Y_2243	ppm	-313.4	1.351	0.4312	-314.3	-312.4
Sb2068	206.833 {4	Y_2243	ppm	0.9194	0.0098	1.068	0.9264	0.9125
Se1960	196.090 {4	Y_2243	ppm	0.9531	0.0064	0.6691	0.9576	0.9486
Si2516	251.611 {1	Y_3710	ppm	2.268	0.0201	0.8872	2.254	2.282
Sn1899	189.989 {4	In2306	ppm	0.9972	0.0013	0.1332	0.9981	0.9962
Sr4215	421.552 { 8	Y_3710	ppm	0.5738	0.004	0.6967	0.5767	0.571
Ti3349	334.904 {1	Y_3600	ppm	0.9882	0.001	0.0998	0.9889	0.9875
Tl1908	190.856 {4	In2306	ppm	0.9685	0.0113	1.164	0.9765	0.9605
V_2924	292.402 {1	Y_3600	ppm	0.9962	0.0023	0.2346	0.9978	0.9945
Zn2062	206.200 {4	In2306	ppm	0.9876	0.0042	0.4259	0.9847	0.9906

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.104	1.8146	3.2931	53.821	56.387
In2306	230.606 {4	Cts/S	8952.6	30.144	0.33671	8931.3	8973.9
Y_2243	224.306 {4	Cts/S	12309	76.539	0.62183	12255	12363
Y_3600	360.073 { 9	Cts/S	47413	435.58	0.91869	47721	47105
Y_3710	371.030 { 9	Cts/S	7964.1	37.881	0.47565	7937.3	7990.9

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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:22:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.4939	0.0013	0.256	0.4948	0.493
Al3082	308.215 {1	In2306	ppm	10.75	0.1215	1.13	10.67	10.84
As1890	189.042 {4	Y_2243	ppm	0.9619	0.0025	0.2643	0.9601	0.9637
B_2496	249.678 {1	Y_3710	ppm	1.067	0.0035	0.3272	1.07	1.065
Ba4554	455.403 { 7	Y_3710	ppm	1.036	0.0078	0.7548	1.03	1.041
Be3130	313.042 {1	Y_3710	ppm	0.4933	0.0008	0.1655	0.4939	0.4928
Ca3158	315.887 {1	In2306	ppm	28.14	0.3029	1.076	28.35	27.92
Ca3181	318.128 {1	In2306	ppm	28.4	0.275	0.9682	28.59	28.2
Cd2288	228.802 {4	Y_2243	ppm	0.4806	0.0004	0.0914	0.4803	0.4809
Co2286	228.616 {4	In2306	ppm	0.9903	0.0012	0.1168	0.9894	0.9911
Cr2677	267.716 {1	Y_3600	ppm	0.9789	0.0071	0.7219	0.9739	0.9839
Cu3247	324.754 {1	Y_3600	ppm	1.008	0.0037	0.3666	1.011	1.006
Fe2404	240.488 {1	In2306	ppm	9.727	0.0271	0.2789	9.746	9.708
K_7664	766.490 { 4	Y_3710	ppm	16.57	0.7346	4.434	16.05	17.09
K_7698	769.896 { 4	Y_3710	ppm	16.81	0.7418	4.412	16.29	17.34
Li6707	670.784 { 5	Y_3710	ppm	0.5629	0.0284	5.045	0.5428	0.583
Mg2790	279.079 {1	Y_3710	ppm	11.97	0.0194	0.1622	11.96	11.98
Mn2576	257.610 {1	Y_3600	ppm	0.97	0.0017	0.1771	0.9688	0.9712
Mn2576-2	257.610 {1	Y_3710	ppm	0.9168	0.0077	0.8388	0.9223	0.9114
Mo2020	202.030 {4	Y_2243	ppm	0.9449	0.0017	0.1797	0.9437	0.9461
Na5895	589.592 { 5	Y_3710	ppm	79.51	0.0695	0.0875	79.46	79.56
Na8183	818.326 { 4	Y_3710	ppm	80.35	1.755	2.185	79.11	81.59
Ni2316	231.604 {4	In2306	ppm	0.9599	0.0015	0.1523	0.9589	0.9609
P_1782	178.284 {4	In2306	ppm	0.131	0.0005	0.38	0.1314	0.1307
Pb2203	220.353 {4	In2306	ppm	0.959	0.0011	0.114	0.9598	0.9582
S_1820	182.034 {4	Y_2243	ppm	-311.3	0.3674	0.118	-311	-311.5
Sb2068	206.833 {4	Y_2243	ppm	0.9431	0.0052	0.549	0.9468	0.9394
Se1960	196.090 {4	Y_2243	ppm	0.9603	0.0022	0.2317	0.9587	0.9619
Si2516	251.611 {1	Y_3710	ppm	2.311	0.0046	0.1989	2.307	2.314
Sn1899	189.989 {4	In2306	ppm	1.012	0.0001	0.0122	1.012	1.012
Sr4215	421.552 { 8	Y_3710	ppm	0.5817	0.0021	0.3615	0.5802	0.5832
Ti3349	334.904 {1	Y_3600	ppm	1.009	0.0016	0.1563	1.008	1.01
Tl1908	190.856 {4	In2306	ppm	0.9783	0.0094	0.9582	0.9849	0.9717
V_2924	292.402 {1	Y_3600	ppm	1.012	0.0015	0.1471	1.011	1.013
Zn2062	206.200 {4	In2306	ppm	0.9954	0.0009	0.0871	0.9948	0.9961

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.671	0.38719	0.70821	54.945	54.397
In2306	230.606 {4	Cts/S	8963.1	9.3891	0.10475	8969.7	8956.4
Y_2243	224.306 {4	Cts/S	12316	15.889	0.12902	12327	12305
Y_3600	360.073 { 9	Cts/S	47070	340.71	0.72383	46829	47311
Y_3710	371.030 { 9	Cts/S	7912.1	50.702	0.64082	7947.9	7876.2

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Custom ID3=
Run Time=1/25/2012 12:24:55
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0003	13940	0.0002	-0.0002
Al3082	308.215	{1	In2306	ppm	3.967	0.1379	3.476	4.064	3.869
As1890	189.042	{4	Y_2243	ppm	0.0165	0.0153	92.47	0.0057	0.0274
B_2496	249.678	{1	Y_3710	ppm	0.1493	0.0029	1.933	0.1473	0.1514
Ba4554	455.403	{ 7	Y_3710	ppm	0.1867	0.0002	0.1251	0.1869	0.1866
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0002	167.7	0.0002	0
Ca3158	315.887	{1	In2306	ppm	50.32	2.368	4.705	52	48.65
Ca3181	318.128	{1	In2306	ppm	50.69	2.412	4.757	52.4	48.99
Cd2288	228.802	{4	Y_2243	ppm	0.0069	0.0083	119.1	0.0011	0.0128
Co2286	228.616	{4	In2306	ppm	0.0159	0.0177	111.8	0.0033	0.0284
Cr2677	267.716	{1	Y_3600	ppm	0.0082	0.0004	4.768	0.0079	0.0085
Cu3247	324.754	{1	Y_3600	ppm	0.0011	0.0001	7.159	0.0012	0.001
Fe2404	240.488	{1	In2306	ppm	2.225	0.0836	3.76	2.284	2.166
K_7664	766.490	{ 4	Y_3710	ppm	9.943	0.0593	0.5959	9.985	9.901
K_7698	769.896	{ 4	Y_3710	ppm	9.882	0.1078	1.091	9.958	9.806
Li6707	670.784	{ 5	Y_3710	ppm	0.0405	0.0003	0.8282	0.0408	0.0403
Mg2790	279.079	{1	Y_3710	ppm	14.46	0.1464	1.013	14.56	14.35
Mn2576	257.610	{1	Y_3600	ppm	0.054	0.0002	0.2996	0.0538	0.0541
Mn2576-2	257.610	{1	Y_3710	ppm	0.0512	0.0003	0.4905	0.0514	0.051
Mo2020	202.030	{4	Y_2243	ppm	0.0304	0.0183	60.31	0.0174	0.0434
Na5895	589.592	{ 5	Y_3710	ppm	70.28	0.4823	0.6863	69.94	70.62
Na8183	818.326	{ 4	Y_3710	ppm	71.81	0.0795	0.1107	71.86	71.75
Ni2316	231.604	{4	In2306	ppm	0.017	0.0172	100.8	0.0049	0.0292
P_1782	178.284	{4	In2306	ppm	0.6471	0.0136	2.099	0.6567	0.6374
Pb2203	220.353	{4	In2306	ppm	0.0142	0.0147	103.2	0.0038	0.0246
S_1820	182.034	{4	Y_2243	ppm	-831	12.43	1.496	-839.8	-822.2
Sb2068	206.833	{4	Y_2243	ppm	0.029	0.0187	64.33	0.0158	0.0422
Se1960	196.090	{4	Y_2243	ppm	0.0114	0.0121	106.7	0.0028	0.0199
Si2516	251.611	{1	Y_3710	ppm	10.42	0.0772	0.7408	10.48	10.37
Sn1899	189.989	{4	In2306	ppm	0.0185	0.0203	109.5	0.0042	0.0329
Sr4215	421.552	{ 8	Y_3710	ppm	0.395	0.0004	0.0938	0.3947	0.3953
Ti3349	334.904	{1	Y_3600	ppm	0.0338	0.0009	2.703	0.0331	0.0344
Tl1908	190.856	{4	In2306	ppm	0.025	0.0253	101.1	0.0071	0.0429
V_2924	292.402	{1	Y_3600	ppm	0.0283	0.0004	1.302	0.028	0.0286
Zn2062	206.200	{4	In2306	ppm	0.0526	0.0166	31.53	0.0408	0.0643

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.89	2.3722	4.4019	52.213	55.567
In2306	230.606	{4	Cts/S	8981.9	16.925	0.18843	8969.9	8993.8
Y_2243	224.306	{4	Cts/S	12227	60.574	0.49543	12184	12269
Y_3600	360.073	{ 9	Cts/S	47149	128.89	0.27338	47058	47240
Y_3710	371.030	{ 9	Cts/S	8043.1	13.015	0.16181	8033.9	8052.3

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0004	427.4	0.0002	-0.0004
Al3082	308.215	{1	In2306	ppm	25.93	0.2928	1.13	25.72	26.13
As1890	189.042	{4	Y_2243	ppm	0.0133	0.0002	1.702	0.0131	0.0134
B_2496	249.678	{1	Y_3710	ppm	0.3488	0.0071	2.039	0.3437	0.3538
Ba4554	455.403	{ 7	Y_3710	ppm	0.1792	0.0008	0.4611	0.1798	0.1787
Be3130	313.042	{1	Y_3710	ppm	0.0009	0	3.469	0.0009	0.001
Ca3158	315.887	{1	In2306	ppm	186.6	2.434	1.304	184.9	188.4
Ca3181	318.128	{1	In2306	ppm	191.3	2.502	1.308	189.6	193.1
Cd2288	228.802	{4	Y_2243	ppm	0.0092	0.0006	6.652	0.0088	0.0096
Co2286	228.616	{4	In2306	ppm	0.011	0.0015	13.82	0.0099	0.012
Cr2677	267.716	{1	Y_3600	ppm	0.0394	0.0003	0.6556	0.0396	0.0392
Cu3247	324.754	{1	Y_3600	ppm	0.0382	0.0012	3.047	0.0391	0.0374
Fe2404	240.488	{1	In2306	ppm	27.01	0.2668	0.9878	26.82	27.2
K_7664	766.490	{ 4	Y_3710	ppm	30.08	0.1412	0.4695	30.18	29.98
K_7698	769.896	{ 4	Y_3710	ppm	31.03	0.1819	0.586	31.16	30.91
Li6707	670.784	{ 5	Y_3710	ppm	0.1351	0.0011	0.8489	0.1359	0.1343
Mg2790	279.079	{1	Y_3710	ppm	17.64	0.1576	0.8933	17.53	17.75
Mn2576	257.610	{1	Y_3600	ppm	0.9451	0.0003	0.0306	0.9453	0.9449
Mn2576-2	257.610	{1	Y_3710	ppm	0.9358	0.0008	0.0881	0.9364	0.9352
Mo2020	202.030	{4	Y_2243	ppm	0.0105	0.0017	16.54	0.0093	0.0117
Na5895	589.592	{ 5	Y_3710	ppm	126.8	1.62	1.277	125.7	128
Na8183	818.326	{ 4	Y_3710	ppm	123.9	0.7563	0.6106	124.4	123.3
Ni2316	231.604	{4	In2306	ppm	0.0311	0.0013	4.052	0.0302	0.032
P_1782	178.284	{4	In2306	ppm	0.4935	0.0013	0.2625	0.4944	0.4926
Pb2203	220.353	{4	In2306	ppm	1.322	0.0227	1.72	1.338	1.306
S_1820	182.034	{4	Y_2243	ppm	-26770	376.1	1.405	-27040	-26510
Sb2068	206.833	{4	Y_2243	ppm	0.0171	0.0026	14.92	0.0153	0.0189
Se1960	196.090	{4	Y_2243	ppm	0.0042	0.0003	7.204	0.004	0.0044
Si2516	251.611	{1	Y_3710	ppm	31.66	0.9233	2.916	32.31	31.01
Sn1899	189.989	{4	In2306	ppm	0.0116	0.0016	13.74	0.0105	0.0127
Sr4215	421.552	{ 8	Y_3710	ppm	1.721	0.001	0.0596	1.722	1.721
Ti3349	334.904	{1	Y_3600	ppm	0.2616	0.001	0.3945	0.2623	0.2609
Tl1908	190.856	{4	In2306	ppm	0.0029	0.0024	80.27	0.0013	0.0046
V_2924	292.402	{1	Y_3600	ppm	0.0654	0.0005	0.7744	0.0657	0.065
Zn2062	206.200	{4	In2306	ppm	0.1654	0.0019	1.177	0.1668	0.164

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	54	0.77638	1.4377	54.549	53.451
In2306	230.606	{4	Cts/S	8423.9	1.0431	0.01238	8424.7	8423.2
Y_2243	224.306	{4	Cts/S	12231	48.456	0.39616	12266	12197
Y_3600	360.073	{ 9	Cts/S	46015	68.427	0.14871	45966	46063
Y_3710	371.030	{ 9	Cts/S	7456.4	9.2863	0.12454	7449.8	7462.9

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Run Time=1/25/2012 12:30:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.0003	465.1	-0.0001	0.0003
Al3082	308.215	{1	In2306	ppm	0.0369	0.0256	69.35	0.055	0.0188
As1890	189.042	{4	Y_2243	ppm	0.0001	0.0011	1213	-0.0007	0.0009
B_2496	249.678	{1	Y_3710	ppm	0.011	0.0041	37.36	0.0081	0.0139
Ba4554	455.403	{ 7	Y_3710	ppm	0.0044	0	0.396	0.0044	0.0044
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0	40.07	-0.0001	-0.0001
Ca3158	315.887	{1	In2306	ppm	0.0453	0.0016	3.527	0.0442	0.0464
Ca3181	318.128	{1	In2306	ppm	0.1556	0.0493	31.7	0.1207	0.1905
Cd2288	228.802	{4	Y_2243	ppm	0.0005	0.0007	151.3	0	0.001
Co2286	228.616	{4	In2306	ppm	0.0011	0.0008	77.59	0.0005	0.0016
Cr2677	267.716	{1	Y_3600	ppm	0.0003	0.0001	47.05	0.0004	0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0012	0.0001	6.098	-0.0011	-0.0012
Fe2404	240.488	{1	In2306	ppm	-0.0186	0.0139	74.75	-0.0088	-0.0284
K_7664	766.490	{ 4	Y_3710	ppm	0.0675	0.0056	8.349	0.0635	0.0715
K_7698	769.896	{ 4	Y_3710	ppm	-0.1874	0.0238	12.71	-0.1705	-0.2042
Li6707	670.784	{ 5	Y_3710	ppm	0.0004	0.0001	32.35	0.0005	0.0003
Mg2790	279.079	{1	Y_3710	ppm	-0.0828	0.0182	21.93	-0.0956	-0.0699
Mn2576	257.610	{1	Y_3600	ppm	0.0017	0.0002	12.43	0.0016	0.0019
Mn2576-2	257.610	{1	Y_3710	ppm	0.0017	0.0019	112.7	0.003	0.0003
Mo2020	202.030	{4	Y_2243	ppm	0.0012	0.0011	90.15	0.0004	0.0019
Na5895	589.592	{ 5	Y_3710	ppm	0.1735	0.0036	2.102	0.1761	0.1709
Na8183	818.326	{ 4	Y_3710	ppm	0.284	0.0421	14.81	0.3138	0.2543
Ni2316	231.604	{4	In2306	ppm	0.0017	0.0017	99.53	0.0005	0.0028
P_1782	178.284	{4	In2306	ppm	0.0206	0.0214	104.2	0.0054	0.0357
Pb2203	220.353	{4	In2306	ppm	0.0542	0.0578	106.6	0.0134	0.0951
S_1820	182.034	{4	Y_2243	ppm	^ *****	-----	-----	-298.1	^ -----
Sb2068	206.833	{4	Y_2243	ppm	0.0038	0.0025	64.86	0.0021	0.0056
Se1960	196.090	{4	Y_2243	ppm	0.0001	0.0009	851.4	0.0008	-0.0005
Si2516	251.611	{1	Y_3710	ppm	0.1321	0.0021	1.58	0.1306	0.1336
Sn1899	189.989	{4	In2306	ppm	0.0004	0.0009	255.1	-0.0003	0.001
Sr4215	421.552	{ 8	Y_3710	ppm	0.0002	0.0001	68.18	0.0002	0.0001
Ti3349	334.904	{1	Y_3600	ppm	0.0006	0.0003	48.48	0.0008	0.0004
Tl1908	190.856	{4	In2306	ppm	0.0021	0.0022	106.2	0.0005	0.0037
V_2924	292.402	{1	Y_3600	ppm	-0.001	0.0006	63.15	-0.0005	-0.0014
Zn2062	206.200	{4	In2306	ppm	0.0109	0.0069	63.65	0.006	0.0158

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.427	0.22181	0.41516	53.584	53.27
In2306	230.606	{4	Cts/S	9915.7	203.84	2.0557	10060	9771.6
Y_2243	224.306	{4	Cts/S	12596	90.014	0.71459	12660	12533
Y_3600	360.073	{ 9	Cts/S	44328	116.58	0.26299	44410	44245
Y_3710	371.030	{ 9	Cts/S	8041.7	25.347	0.31519	8059.7	8023.8

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Username=admin
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Custom ID3=
Run Time=1/25/2012 12:32:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0007	406	0.0007	-0.0003
Al3082	308.215 {1	In2306	ppm	1.846	0.0336	1.819	1.822	1.87
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0004	53.61	-0.0005	-0.0011
B_2496	249.678 {1	Y_3710	ppm	0.1054	0.0109	10.35	0.0977	0.1131
Ba4554	455.403 { 7	Y_3710	ppm	0.065	0	0.0635	0.065	0.0649
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	126.6	0	0.0002
Ca3158	315.887 {1	In2306	ppm	222.5	1.599	0.7186	221.4	223.6
Ca3181	318.128 {1	In2306	ppm	227.7	1.813	0.7962	226.4	228.9
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	51.47	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0016	0.0001	6.936	0.0017	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.0049	0.0002	3.101	0.0048	0.005
Cu3247	324.754 {1	Y_3600	ppm	0.0049	0.001	19.64	0.0056	0.0043
Fe2404	240.488 {1	In2306	ppm	0.2725	0.0165	6.058	0.2608	0.2842
K_7664	766.490 { 4	Y_3710	ppm	21.31	0.0894	0.4197	21.24	21.37
K_7698	769.896 { 4	Y_3710	ppm	22.27	0.1842	0.8269	22.14	22.4
Li6707	670.784 { 5	Y_3710	ppm	0.0082	0.0001	1.585	0.0082	0.0081
Mg2790	279.079 {1	Y_3710	ppm	79.26	0.4676	0.5899	78.93	79.59
Mn2576	257.610 {1	Y_3600	ppm	0.1421	0.001	0.7071	0.1428	0.1414
Mn2576-2	257.610 {1	Y_3710	ppm	0.1414	0.0004	0.2701	0.1416	0.1411
Mo2020	202.030 {4	Y_2243	ppm	0.0057	0.0001	1.559	0.0058	0.0056
Na5895	589.592 { 5	Y_3710	ppm	881.2	2.501	0.2839	882.9	879.4
Na8183	818.326 { 4	Y_3710	ppm	1362	2.66	0.1953	1360	1364
Ni2316	231.604 {4	In2306	ppm	0.0218	0.0001	0.5266	0.0219	0.0217
P_1782	178.284 {4	In2306	ppm	0.0887	0.0013	1.476	0.0878	0.0896
Pb2203	220.353 {4	In2306	ppm	0.0078	0.0014	18.03	0.0068	0.0088
S_1820	182.034 {4	Y_2243	ppm	-28130	184.2	0.6549	-28260	-28000
Sb2068	206.833 {4	Y_2243	ppm	0.002	0.0002	10.43	0.0021	0.0018
Se1960	196.090 {4	Y_2243	ppm	0.0004	0	8.45	0.0004	0.0004
Si2516	251.611 {1	Y_3710	ppm	8.409	0.0975	1.159	8.34	8.478
Sn1899	189.989 {4	In2306	ppm	0	0.0002	1030	-0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.4003	0.0006	0.1583	0.3998	0.4007
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0002	5.68	0.0026	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0025	0.0002	6.325	0.0024	0.0026
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0002	37.98	0.0007	0.0004
Zn2062	206.200 {4	In2306	ppm	0.1251	0.001	0.822	0.1258	0.1244

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.287	0.55961	1.0911	51.682	50.891
In2306	230.606 {4	Cts/S	6897.9	5.9601	0.0864	6902.2	6893.7
Y_2243	224.306 {4	Cts/S	10298	7.4301	0.07215	10303	10293
Y_3600	360.073 { 9	Cts/S	48215	269.65	0.55926	48025	48406
Y_3710	371.030 { 9	Cts/S	7602.5	41.397	0.54452	7631.8	7573.2

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SampleName=600-49158-D-1-A
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:35:30
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0006	113	0.0001	0.0009
Al3082	308.215 {1	In2306	ppm	0.28	0.1089	38.89	0.203	0.3569
As1890	189.042 {4	Y_2243	ppm	0.0017	0.0007	39.39	0.0012	0.0022
B_2496	249.678 {1	Y_3710	ppm	0.0928	0.0037	3.943	0.0902	0.0954
Ba4554	455.403 { 7	Y_3710	ppm	0.0473	0.0004	0.8757	0.047	0.0476
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	177.4	0	-0.0003
Ca3158	315.887 {1	In2306	ppm	47.42	2.471	5.211	45.67	49.17
Ca3181	318.128 {1	In2306	ppm	48.07	2.433	5.061	46.35	49.79
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	23.63	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0002	38.17	0.0005	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0034	0.0004	11.81	0.0031	0.0037
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0.0006	27.4	0.0019	0.0028
Fe2404	240.488 {1	In2306	ppm	3.185	0.1407	4.418	3.086	3.284
K_7664	766.490 { 4	Y_3710	ppm	340.1	19.85	5.837	354.2	326.1
K_7698	769.896 { 4	Y_3710	ppm	394.7	5.302	1.343	390.9	398.4
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0006	5.836	0.0095	0.0103
Mg2790	279.079 {1	Y_3710	ppm	5.135	0.0354	0.6899	5.16	5.11
Mn2576	257.610 {1	Y_3600	ppm	0.066	0.0016	2.443	0.0648	0.0671
Mn2576-2	257.610 {1	Y_3710	ppm	0.0652	0.0016	2.401	0.0641	0.0663
Mo2020	202.030 {4	Y_2243	ppm	0.0049	0.0003	6.476	0.0052	0.0047
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	1035	^ -----
Na8183	818.326 { 4	Y_3710	ppm	1748	15.18	0.8682	1738	1759
Ni2316	231.604 {4	In2306	ppm	0.0067	0.0008	11.42	0.0061	0.0072
P_1782	178.284 {4	In2306	ppm	8.06	0.4457	5.53	8.375	7.745
Pb2203	220.353 {4	In2306	ppm	0.0024	0.0005	20.94	0.002	0.0027
S_1820	182.034 {4	Y_2243	ppm	-12000	769.7	6.413	-11460	-12550
Sb2068	206.833 {4	Y_2243	ppm	0.0014	0.0001	10.82	0.0015	0.0013
Se1960	196.090 {4	Y_2243	ppm	-0.002	0.0009	46.44	-0.0013	-0.0026
Si2516	251.611 {1	Y_3710	ppm	4.248	0.0164	0.3852	4.259	4.236
Sn1899	189.989 {4	In2306	ppm	0.0003	0	0.3626	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.2055	0.0005	0.2538	0.2051	0.2058
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0007	32.61	0.0017	0.0028
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0009	289	0.0003	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0035	0.0008	22.29	0.0041	0.003
Zn2062	206.200 {4	In2306	ppm	0.1286	0.0016	1.259	0.1298	0.1275

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.502	2.723	5.5008	51.428	47.577
In2306	230.606 {4	Cts/S	6882.3	4.1548	0.06037	6879.4	6885.3
Y_2243	224.306 {4	Cts/S	10268	5.3776	0.05237	10272	10264
Y_3600	360.073 { 9	Cts/S	48114	1043.9	2.1696	48852	47376
Y_3710	371.030 { 9	Cts/S	7557	2.3397	0.03096	7558.7	7555.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:38:14
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.4962	0.0032	0.6445	0.4939	0.4985
Al3082	308.215	{1	In2306	ppm	11.07	0.4825	4.359	11.41	10.73
As1890	189.042	{4	Y_2243	ppm	0.9776	0.0081	0.8248	0.9833	0.9719
B_2496	249.678	{1	Y_3710	ppm	1.07	0.0117	1.092	1.062	1.079
Ba4554	455.403	{ 7	Y_3710	ppm	1.052	0.0022	0.2098	1.053	1.05
Be3130	313.042	{1	Y_3710	ppm	0.4895	0.0009	0.1875	0.4889	0.4902
Ca3158	315.887	{1	In2306	ppm	28.49	1.155	4.055	29.3	27.67
Ca3181	318.128	{1	In2306	ppm	28.65	1.225	4.275	29.52	27.79
Cd2288	228.802	{4	Y_2243	ppm	0.4871	0.001	0.2114	0.4879	0.4864
Co2286	228.616	{4	In2306	ppm	0.9842	0.0057	0.5745	0.9882	0.9802
Cr2677	267.716	{1	Y_3600	ppm	0.9817	0.0037	0.3819	0.9843	0.979
Cu3247	324.754	{1	Y_3600	ppm	1.009	0.0048	0.4712	1.012	1.005
Fe2404	240.488	{1	In2306	ppm	9.938	0.4221	4.247	10.24	9.64
K_7664	766.490	{ 4	Y_3710	ppm	17.7	0.0613	0.3464	17.65	17.74
K_7698	769.896	{ 4	Y_3710	ppm	18.05	0.0966	0.5353	17.98	18.12
Li6707	670.784	{ 5	Y_3710	ppm	1.19	0.0036	0.299	1.187	1.193
Mg2790	279.079	{1	Y_3710	ppm	11.91	0.0104	0.0877	11.9	11.92
Mn2576	257.610	{1	Y_3600	ppm	0.9861	0.0001	0.0104	0.9862	0.986
Mn2576-2	257.610	{1	Y_3710	ppm	0.9289	0.0011	0.1223	0.9297	0.9281
Mo2020	202.030	{4	Y_2243	ppm	0.9426	0.0042	0.4413	0.9456	0.9397
Na5895	589.592	{ 5	Y_3710	ppm	81.25	1.015	1.25	80.53	81.97
Na8183	818.326	{ 4	Y_3710	ppm	82.14	0.3086	0.3757	81.92	82.36
Ni2316	231.604	{4	In2306	ppm	0.9635	0.0067	0.6969	0.9682	0.9587
P_1782	178.284	{4	In2306	ppm	1.17	0.0112	0.9538	1.162	1.178
Pb2203	220.353	{4	In2306	ppm	0.9608	0.0073	0.7614	0.9659	0.9556
S_1820	182.034	{4	Y_2243	ppm	-342	27.97	8.178	-322.2	-361.8
Sb2068	206.833	{4	Y_2243	ppm	0.9611	0.0008	0.0844	0.9617	0.9605
Se1960	196.090	{4	Y_2243	ppm	0.9668	0.0036	0.3701	0.9694	0.9643
Si2516	251.611	{1	Y_3710	ppm	2.437	0.0546	2.24	2.398	2.476
Sn1899	189.989	{4	In2306	ppm	0.9933	0.0052	0.5225	0.997	0.9896
Sr4215	421.552	{ 8	Y_3710	ppm	0.5863	0.001	0.1714	0.587	0.5855
Ti3349	334.904	{1	Y_3600	ppm	1.003	0.0023	0.2329	1.001	1.004
Tl1908	190.856	{4	In2306	ppm	0.9989	0.0009	0.0904	0.9995	0.9982
V_2924	292.402	{1	Y_3600	ppm	0.9983	0.0104	1.045	1.006	0.9909
Zn2062	206.200	{4	In2306	ppm	0.9871	0.0061	0.622	0.9915	0.9828

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.247	2.4349	4.5729	51.525	54.969
In2306	230.606	{4	Cts/S	8857.4	24.351	0.27492	8874.6	8840.2
Y_2243	224.306	{4	Cts/S	12104	49.609	0.40986	12139	12069
Y_3600	360.073	{ 9	Cts/S	47312	193.25	0.40846	47449	47175
Y_3710	371.030	{ 9	Cts/S	7853.7	2.8502	0.03629	7855.7	7851.6

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:40:43

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2431	0.0002	0.0687	0.243	0.2432
Al3082	308.215 {1	In2306	ppm	2.663	0.0009	0.0352	2.662	2.663
As1890	189.042 {4	Y_2243	ppm	0.4764	0.0014	0.3038	0.4754	0.4775
B_2496	249.678 {1	Y_3710	ppm	0.4897	0.0013	0.2633	0.4887	0.4906
Ba4554	455.403 { 7	Y_3710	ppm	0.4907	0.0018	0.3676	0.4919	0.4894
Be3130	313.042 {1	Y_3710	ppm	0.4913	0.0017	0.3497	0.4901	0.4925
Ca3158	315.887 {1	In2306	ppm	12.67	0.0443	0.3493	12.7	12.64
Ca3181	318.128 {1	In2306	ppm	12.78	0.2061	1.612	12.64	12.93
Cd2288	228.802 {4	Y_2243	ppm	0.482	0.001	0.2129	0.4827	0.4813
Co2286	228.616 {4	In2306	ppm	0.4914	0.0033	0.6759	0.4891	0.4938
Cr2677	267.716 {1	Y_3600	ppm	0.4929	0.0044	0.8862	0.496	0.4898
Cu3247	324.754 {1	Y_3600	ppm	0.4885	0.0034	0.6995	0.4909	0.4861
Fe2404	240.488 {1	In2306	ppm	2.433	0.0378	1.553	2.46	2.407
K_7664	766.490 { 4	Y_3710	ppm	14.38	0.077	0.5355	14.44	14.33
K_7698	769.896 { 4	Y_3710	ppm	14.58	0.1356	0.9303	14.67	14.48
Li6707	670.784 { 5	Y_3710	ppm	0.5659	0.0077	1.355	0.5714	0.5605
Mg2790	279.079 {1	Y_3710	ppm	4.659	0.025	0.5367	4.676	4.641
Mn2576	257.610 {1	Y_3600	ppm	0.4817	0.0004	0.0788	0.482	0.4815
Mn2576-2	257.610 {1	Y_3710	ppm	0.4453	0.0043	0.9659	0.4423	0.4483
Mo2020	202.030 {4	Y_2243	ppm	0.4831	0.0029	0.6	0.4811	0.4852
Na5895	589.592 { 5	Y_3710	ppm	14.14	0.1365	0.9653	14.24	14.05
Na8183	818.326 { 4	Y_3710	ppm	13.23	0.1567	1.184	13.34	13.12
Ni2316	231.604 {4	In2306	ppm	0.4758	0.0025	0.5351	0.474	0.4776
P_1782	178.284 {4	In2306	ppm	0.006	0.0087	145.9	-0.0002	0.0121
Pb2203	220.353 {4	In2306	ppm	0.4787	0.0021	0.4349	0.4772	0.4802
S_1820	182.034 {4	Y_2243	ppm	-48.76	3.384	6.94	-46.37	-51.16
Sb2068	206.833 {4	Y_2243	ppm	0.4799	0.0038	0.7899	0.4772	0.4825
Se1960	196.090 {4	Y_2243	ppm	0.4801	0.0002	0.0313	0.48	0.4802
Si2516	251.611 {1	Y_3710	ppm	0.7884	0.0473	5.998	0.7549	0.8218
Sn1899	189.989 {4	In2306	ppm	0.5029	0.0043	0.8503	0.4999	0.5059
Sr4215	421.552 { 8	Y_3710	ppm	0.2462	0.0005	0.185	0.2466	0.2459
Ti3349	334.904 {1	Y_3600	ppm	0.5061	0.0005	0.098	0.5058	0.5065
Tl1908	190.856 {4	In2306	ppm	0.4851	0.0091	1.867	0.4915	0.4787
V_2924	292.402 {1	Y_3600	ppm	0.5054	0.001	0.2008	0.5047	0.5061
Zn2062	206.200 {4	In2306	ppm	0.4827	0.0019	0.4019	0.4813	0.484

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.266	0.64498	1.1886	53.81	54.722
In2306	230.606 {4	Cts/S	9515.3	22.56	0.23709	9531.2	9499.3
Y_2243	224.306 {4	Cts/S	12513	18.632	0.14889	12526	12500
Y_3600	360.073 { 9	Cts/S	46578	221	0.47448	46421	46734
Y_3710	371.030 { 9	Cts/S	8033.5	8.3388	0.1038	8027.6	8039.4

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/25/2012 12:43:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0049	0.0008	16.97	0.0043	0.0055
Al3082	308.215	{1	In2306	ppm	0.0618	0.0396	64.19	0.0337	0.0898
As1890	189.042	{4	Y_2243	ppm	0.011	0.0025	22.41	0.0093	0.0128
B_2496	249.678	{1	Y_3710	ppm	0.0025	0.0011	44.46	0.0017	0.0032
Ba4554	455.403	{ 7	Y_3710	ppm	0.0097	0	0.3557	0.0098	0.0097
Be3130	313.042	{1	Y_3710	ppm	0.0047	0.0001	2.511	0.0048	0.0047
Ca3158	315.887	{1	In2306	ppm	0.076	0.0032	4.218	0.0782	0.0737
Ca3181	318.128	{1	In2306	ppm	0.1382	0.091	65.87	0.2025	0.0738
Cd2288	228.802	{4	Y_2243	ppm	0.0073	0.0031	42.01	0.0051	0.0095
Co2286	228.616	{4	In2306	ppm	0.0126	0.0033	25.94	0.0103	0.0149
Cr2677	267.716	{1	Y_3600	ppm	0.0096	0.0004	4.684	0.0099	0.0093
Cu3247	324.754	{1	Y_3600	ppm	0.0077	0.0001	1.38	0.0076	0.0078
Fe2404	240.488	{1	In2306	ppm	0.0699	0.0198	28.27	0.0838	0.0559
K_7664	766.490	{ 4	Y_3710	ppm	0.8329	0.0011	0.134	0.8337	0.8321
K_7698	769.896	{ 4	Y_3710	ppm	0.5883	0.0213	3.613	0.5733	0.6033
Li6707	670.784	{ 5	Y_3710	ppm	0.0109	0.0004	3.657	0.0106	0.0112
Mg2790	279.079	{1	Y_3710	ppm	0.0656	0.0106	16.19	0.0581	0.0731
Mn2576	257.610	{1	Y_3600	ppm	0.0102	0	0.1948	0.0102	0.0102
Mn2576-2	257.610	{1	Y_3710	ppm	0.0083	0.0008	9.042	0.0078	0.0089
Mo2020	202.030	{4	Y_2243	ppm	0.0141	0.0041	28.82	0.0113	0.017
Na5895	589.592	{ 5	Y_3710	ppm	0.8479	0.0197	2.325	0.834	0.8618
Na8183	818.326	{ 4	Y_3710	ppm	0.8934	0.0121	1.35	0.8849	0.9019
Ni2316	231.604	{4	In2306	ppm	0.0119	0.0032	27.13	0.0097	0.0142
P_1782	178.284	{4	In2306	ppm	0.0088	0.0007	8.189	0.0083	0.0093
Pb2203	220.353	{4	In2306	ppm	0.0126	0.0027	21.42	0.0107	0.0145
S_1820	182.034	{4	Y_2243	ppm	-3.486	0.3523	10.11	-3.236	-3.735
Sb2068	206.833	{4	Y_2243	ppm	0.0194	0.0026	13.66	0.0175	0.0212
Se1960	196.090	{4	Y_2243	ppm	0.0102	0.0041	40.68	0.0072	0.0131
Si2516	251.611	{1	Y_3710	ppm	-0.0048	0.0075	156.1	-0.0101	0.0005
Sn1899	189.989	{4	In2306	ppm	0.0128	0.0036	28.09	0.0102	0.0153
Sr4215	421.552	{ 8	Y_3710	ppm	0.0048	0	0.6001	0.0048	0.0048
Ti3349	334.904	{1	Y_3600	ppm	0.0107	0.0005	4.474	0.0103	0.011
Tl1908	190.856	{4	In2306	ppm	0.0173	0.007	40.32	0.0124	0.0223
V_2924	292.402	{1	Y_3600	ppm	0.0105	0.0002	2.04	0.0104	0.0107
Zn2062	206.200	{4	In2306	ppm	0.0107	0.0031	28.81	0.0086	0.0129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	57.148	0.20034	0.35056	57.006	57.289
In2306	230.606	{4	Cts/S	10093	4.6227	0.0458	10097	10090
Y_2243	224.306	{4	Cts/S	12796	39.112	0.30566	12768	12824
Y_3600	360.073	{ 9	Cts/S	45384	97.178	0.21413	45452	45315
Y_3710	371.030	{ 9	Cts/S	8250.6	29.6	0.35876	8271.5	8229.6

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Custom ID1=
Custom ID2=

Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.001	281.1	-0.0004	0.0011
Al3082	308.215	{1	In2306	ppm	-0.0387	0.01	25.76	-0.0457	-0.0316
As1890	189.042	{4	Y_2243	ppm	0.0003	0.0003	101.7	0.0006	0.0001
B_2496	249.678	{1	Y_3710	ppm	-0.0019	0.0084	454	0.0041	-0.0078
Ba4554	455.403	{ 7	Y_3710	ppm	0.0001	0.0001	145.4	0	0.0001
Be3130	313.042	{1	Y_3710	ppm	0.0001	0	46.19	0.0001	0
Ca3158	315.887	{1	In2306	ppm	0.0013	0.0107	846.9	-0.0063	0.0088
Ca3181	318.128	{1	In2306	ppm	0.0689	0.1368	198.5	-0.0278	0.1656
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0.0003	140.8	0	0.0004
Co2286	228.616	{4	In2306	ppm	0.0003	0.0005	151.2	0	0.0007
Cr2677	267.716	{1	Y_3600	ppm	-0.0002	0	3.023	-0.0002	-0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0021	0.0005	24.59	-0.0017	-0.0024
Fe2404	240.488	{1	In2306	ppm	-0.0308	0.011	35.73	-0.0386	-0.0231
K_7664	766.490	{ 4	Y_3710	ppm	0.1603	0.0042	2.592	0.1632	0.1573
K_7698	769.896	{ 4	Y_3710	ppm	0.1201	0.032	26.68	0.1428	0.0975
Li6707	670.784	{ 5	Y_3710	ppm	0.0005	0.0005	92.36	0.0002	0.0008
Mg2790	279.079	{1	Y_3710	ppm	0.0304	0.0487	160.2	-0.004	0.0648
Mn2576	257.610	{1	Y_3600	ppm	0.0001	0.0001	103.2	0.0001	0
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0002	0.0001	56.83	-0.0001	-0.0003
Mo2020	202.030	{4	Y_2243	ppm	0.0008	0.0005	58.26	0.0005	0.0012
Na5895	589.592	{ 5	Y_3710	ppm	0.1632	0.0011	0.6867	0.1624	0.164
Na8183	818.326	{ 4	Y_3710	ppm	0.3174	0.075	23.62	0.3704	0.2644
Ni2316	231.604	{4	In2306	ppm	0.0001	0.0004	329.8	-0.0002	0.0004
P_1782	178.284	{4	In2306	ppm	0.0004	0.0002	56.18	0.0006	0.0002
Pb2203	220.353	{4	In2306	ppm	0.0008	0.0001	13.04	0.0008	0.0009
S_1820	182.034	{4	Y_2243	ppm	-4.083	0.0458	1.121	-4.051	-4.115
Sb2068	206.833	{4	Y_2243	ppm	0.0053	0.0001	2.673	0.0054	0.0052
Se1960	196.090	{4	Y_2243	ppm	-0.0006	0.0003	45.76	-0.0004	-0.0008
Si2516	251.611	{1	Y_3710	ppm	-0.0036	0.0047	131.6	-0.0002	-0.007
Sn1899	189.989	{4	In2306	ppm	0.0005	0.0007	143.6	0	0.001
Sr4215	421.552	{ 8	Y_3710	ppm	-0.0001	0	21.25	-0.0001	-0.0001
Ti3349	334.904	{1	Y_3600	ppm	0.0006	0.0001	17.59	0.0005	0.0006
Tl1908	190.856	{4	In2306	ppm	0.0012	0.001	82.11	0.0005	0.0019
V_2924	292.402	{1	Y_3600	ppm	-0.0005	0.0001	17.06	-0.0006	-0.0004
Zn2062	206.200	{4	In2306	ppm	0.0003	0.0003	110.4	0.0001	0.0005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.55	0.83489	1.5591	54.141	52.96
In2306	230.606	{4	Cts/S	10071	31.651	0.31427	10049	10094
Y_2243	224.306	{4	Cts/S	12764	44.37	0.34763	12732	12795
Y_3600	360.073	{ 9	Cts/S	44564	226.87	0.50908	44404	44725
Y_3710	371.030	{ 9	Cts/S	7960.4	104.24	1.3095	7886.7	8034.1

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Custom ID1=

Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:48:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	14.81	0.0003	0.0002
Al3082	308.215 {1	In2306	ppm	0.0335	0.0104	31.2	0.0261	0.0409
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0006	277.5	0.0002	-0.0006
B_2496	249.678 {1	Y_3710	ppm	0.0078	0.013	166.7	-0.0014	0.017
Ba4554	455.403 { 7	Y_3710	ppm	0.0119	0	0.3811	0.012	0.0119
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	19.05	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	3.65	0.1197	3.279	3.565	3.734
Ca3181	318.128 {1	In2306	ppm	3.798	0.1298	3.418	3.706	3.89
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	39.62	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0002	685.6	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0.0004	57.06	-0.0005	-0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0003	15.89	-0.002	-0.0016
Fe2404	240.488 {1	In2306	ppm	0.0114	0.0076	66.47	0.0168	0.0061
K_7664	766.490 { 4	Y_3710	ppm	1.131	0.0344	3.043	1.107	1.156
K_7698	769.896 { 4	Y_3710	ppm	0.8751	0.0142	1.625	0.865	0.8851
Li6707	670.784 { 5	Y_3710	ppm	0.001	0.0002	23.8	0.0012	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.5103	0.0151	2.95	0.521	0.4997
Mn2576	257.610 {1	Y_3600	ppm	0.0038	0	0.2702	0.0038	0.0038
Mn2576-2	257.610 {1	Y_3710	ppm	0.0044	0.0008	19.02	0.0049	0.0038
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	35.24	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	14.11	0.5098	3.614	13.75	14.47
Na8183	818.326 { 4	Y_3710	ppm	13.7	0.1883	1.374	13.57	13.84
Ni2316	231.604 {4	In2306	ppm	0.0001	0	11.08	0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	0.0236	0.0009	3.654	0.0242	0.023
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0005	516.2	-0.0003	0.0005
S_1820	182.034 {4	Y_2243	ppm	-62.74	0.3723	0.5935	-63	-62.48
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0014	114.5	0.0022	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0012	244.1	-0.0003	0.0013
Si2516	251.611 {1	Y_3710	ppm	0.2557	0.0003	0.1184	0.2559	0.2555
Sn1899	189.989 {4	In2306	ppm	-0.0004	0	0.9977	-0.0004	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0196	0	0.133	0.0195	0.0196
Ti3349	334.904 {1	Y_3600	ppm	0	0	139.5	0.0001	0
Tl1908	190.856 {4	In2306	ppm	0.001	0.0007	69.06	0.0016	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0006	36.01	0.002	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0032	0.0001	3.526	0.0033	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.224	2.5498	4.4558	59.027	55.421
In2306	230.606 {4	Cts/S	9839.9	30.905	0.31407	9861.8	9818.1
Y_2243	224.306 {4	Cts/S	12698	51.222	0.40338	12734	12662
Y_3600	360.073 { 9	Cts/S	46772	80.867	0.1729	46829	46714
Y_3710	371.030 { 9	Cts/S	8348.8	36.023	0.43148	8374.2	8323.3

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Comment=

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Custom ID2=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2437	0.0005	0.2193	0.2441	0.2433
Al3082	308.215 {1	In2306	ppm	2.675	0.0297	1.109	2.654	2.696
As1890	189.042 {4	Y_2243	ppm	0.467	0.0024	0.5155	0.4687	0.4653
B_2496	249.678 {1	Y_3710	ppm	0.4768	0.0109	2.283	0.4845	0.4691
Ba4554	455.403 { 7	Y_3710	ppm	0.484	0.0013	0.2613	0.4831	0.4849
Be3130	313.042 {1	Y_3710	ppm	0.4891	0.0013	0.2717	0.4882	0.49
Ca3158	315.887 {1	In2306	ppm	13.02	0.1047	0.8039	13.1	12.95
Ca3181	318.128 {1	In2306	ppm	13.19	0.098	0.7434	13.26	13.12
Cd2288	228.802 {4	Y_2243	ppm	0.4772	0.0005	0.1117	0.4768	0.4776
Co2286	228.616 {4	In2306	ppm	0.4889	0.0006	0.1173	0.4885	0.4893
Cr2677	267.716 {1	Y_3600	ppm	0.5	0.0022	0.4376	0.4985	0.5016
Cu3247	324.754 {1	Y_3600	ppm	0.4877	0.0026	0.5289	0.4896	0.4859
Fe2404	240.488 {1	In2306	ppm	2.473	0.0356	1.44	2.498	2.448
K_7664	766.490 { 4	Y_3710	ppm	13.44	0.1355	1.008	13.53	13.34
K_7698	769.896 { 4	Y_3710	ppm	13.57	0.0864	0.6362	13.63	13.51
Li6707	670.784 { 5	Y_3710	ppm	0.526	0.0024	0.4488	0.5277	0.5244
Mg2790	279.079 {1	Y_3710	ppm	4.761	0.0238	0.5008	4.778	4.744
Mn2576	257.610 {1	Y_3600	ppm	0.4868	0.0008	0.1601	0.4874	0.4863
Mn2576-2	257.610 {1	Y_3710	ppm	0.446	0.0017	0.3825	0.4448	0.4472
Mo2020	202.030 {4	Y_2243	ppm	0.4703	0.0015	0.3152	0.4714	0.4693
Na5895	589.592 { 5	Y_3710	ppm	13.21	0.0727	0.5505	13.26	13.15
Na8183	818.326 { 4	Y_3710	ppm	12.69	0.0014	0.0111	12.7	12.69
Ni2316	231.604 {4	In2306	ppm	0.4703	0.0004	0.0883	0.47	0.4706
P_1782	178.284 {4	In2306	ppm	-0.0007	0	1.925	-0.0007	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.4748	0.0003	0.0603	0.4746	0.475
S_1820	182.034 {4	Y_2243	ppm	-42.32	0.113	0.2671	-42.4	-42.24
Sb2068	206.833 {4	Y_2243	ppm	0.4629	0.0037	0.7976	0.4655	0.4603
Se1960	196.090 {4	Y_2243	ppm	0.4697	0	0.0021	0.4697	0.4697
Si2516	251.611 {1	Y_3710	ppm	0.7788	0.051	6.545	0.7428	0.8149
Sn1899	189.989 {4	In2306	ppm	0.5027	0.0004	0.0827	0.5024	0.503
Sr4215	421.552 { 8	Y_3710	ppm	0.2415	0.0007	0.2846	0.241	0.242
Ti3349	334.904 {1	Y_3600	ppm	0.5142	0.004	0.7866	0.517	0.5113
Tl1908	190.856 {4	In2306	ppm	0.498	0.0036	0.7245	0.5006	0.4955
V_2924	292.402 {1	Y_3600	ppm	0.5137	0.0023	0.4552	0.5153	0.512
Zn2062	206.200 {4	In2306	ppm	0.481	0.0022	0.4554	0.4795	0.4826

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.172	0.44202	0.81596	53.859	54.484
In2306	230.606 {4	Cts/S	9559.8	3.4171	0.03574	9562.2	9557.4
Y_2243	224.306 {4	Cts/S	12705	21.671	0.17057	12690	12720
Y_3600	360.073 { 9	Cts/S	46336	243.13	0.52471	46164	46508
Y_3710	371.030 { 9	Cts/S	8172.9	5.7292	0.0701	8168.9	8177

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0004	9.134	0.0044	0.005
Al3082	308.215 {1	In2306	ppm	0.0745	0.0075	10.04	0.0797	0.0692
As1890	189.042 {4	Y_2243	ppm	0.0106	0.0001	1.089	0.0105	0.0107
B_2496	249.678 {1	Y_3710	ppm	0.0102	0.0048	46.75	0.0068	0.0136
Ba4554	455.403 { 7	Y_3710	ppm	0.0102	0.0001	0.8861	0.0103	0.0102
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.367	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0735	0.0074	10.1	0.0788	0.0683
Ca3181	318.128 {1	In2306	ppm	0.0874	0.0298	34.05	0.0664	0.1085
Cd2288	228.802 {4	Y_2243	ppm	0.0061	0.0019	30.67	0.0048	0.0074
Co2286	228.616 {4	In2306	ppm	0.0114	0.0021	18.45	0.0099	0.0129
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0	0.3947	0.0098	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0078	0.0003	3.785	0.008	0.0076
Fe2404	240.488 {1	In2306	ppm	0.0935	0.0081	8.654	0.0877	0.0992
K_7664	766.490 { 4	Y_3710	ppm	0.7334	0.0222	3.032	0.7491	0.7177
K_7698	769.896 { 4	Y_3710	ppm	0.4517	0.0057	1.26	0.4557	0.4477
Li6707	670.784 { 5	Y_3710	ppm	0.0104	0.0002	2.403	0.0106	0.0102
Mg2790	279.079 {1	Y_3710	ppm	0.0058	0.0688	1190	0.0545	-0.0429
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.2296	0.01	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0091	0.0007	7.388	0.0096	0.0086
Mo2020	202.030 {4	Y_2243	ppm	0.0122	0.0028	22.91	0.0102	0.0142
Na5895	589.592 { 5	Y_3710	ppm	0.7792	0.0261	3.356	0.7977	0.7607
Na8183	818.326 { 4	Y_3710	ppm	0.8809	0.0036	0.4087	0.8783	0.8834
Ni2316	231.604 {4	In2306	ppm	0.011	0.002	18.55	0.0095	0.0124
P_1782	178.284 {4	In2306	ppm	0.0093	0.0012	12.35	0.0085	0.0101
Pb2203	220.353 {4	In2306	ppm	0.0115	0.0024	21.09	0.0098	0.0132
S_1820	182.034 {4	Y_2243	ppm	-1.029	0.0484	4.708	-0.9944	-1.063
Sb2068	206.833 {4	Y_2243	ppm	0.0182	0.0018	9.976	0.0169	0.0194
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0009	9.1	0.009	0.0103
Si2516	251.611 {1	Y_3710	ppm	-0.0263	0.0149	56.85	-0.0157	-0.0369
Sn1899	189.989 {4	In2306	ppm	0.0117	0.0025	21.73	0.0099	0.0135
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	1.955	0.0047	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0105	0.0005	5.146	0.0101	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0165	0.0057	34.88	0.0124	0.0205
V_2924	292.402 {1	Y_3600	ppm	0.0104	0.001	10.02	0.0112	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0097	0.0018	18.58	0.0084	0.011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.631	0.35296	0.63446	55.88	55.381
In2306	230.606 {4	Cts/S	10113	6.134	0.06065	10118	10109
Y_2243	224.306 {4	Cts/S	12863	15.418	0.11987	12873	12852
Y_3600	360.073 { 9	Cts/S	45260	159.72	0.35288	45147	45373
Y_3710	371.030 { 9	Cts/S	8256	56.34	0.68242	8216.1	8295.8

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0007	0.0009	120.9	0.0014	0.0001
Al3082	308.215	{1	In2306	ppm	-0.0206	0.0006	2.93	-0.0201	-0.021
As1890	189.042	{4	Y_2243	ppm	-0.0001	0.0001	119.8	-0.0002	0
B_2496	249.678	{1	Y_3710	ppm	-0.0042	0.0085	203.8	-0.0101	0.0018
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0001	0	23.55	-0.0002	-0.0001
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0.0001	49.09	-0.0003	-0.0001
Ca3158	315.887	{1	In2306	ppm	-0.0232	0.0005	1.951	-0.0229	-0.0235
Ca3181	318.128	{1	In2306	ppm	0.0316	0.0095	29.95	0.0382	0.0249
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0.0002	151.3	0	0.0003
Co2286	228.616	{4	In2306	ppm	0.0006	0.0004	68.13	0.0003	0.0008
Cr2677	267.716	{1	Y_3600	ppm	-0.0005	0.0005	112.2	-0.0001	-0.0008
Cu3247	324.754	{1	Y_3600	ppm	-0.0013	0.0003	21.32	-0.0014	-0.0011
Fe2404	240.488	{1	In2306	ppm	-0.0393	0.0048	12.29	-0.0359	-0.0428
K_7664	766.490	{ 4	Y_3710	ppm	0.0827	0.0016	1.986	0.0838	0.0815
K_7698	769.896	{ 4	Y_3710	ppm	0.044	0.0045	10.34	0.0408	0.0472
Li6707	670.784	{ 5	Y_3710	ppm	0.0001	0.0001	65.94	0.0002	0.0001
Mg2790	279.079	{1	Y_3710	ppm	-0.0177	0.0217	122.7	-0.0023	-0.0331
Mn2576	257.610	{1	Y_3600	ppm	0.0001	0.0001	95.55	0.0002	0
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0002	0.0013	649.3	0.0007	-0.0011
Mo2020	202.030	{4	Y_2243	ppm	0.0006	0.0002	36.57	0.0005	0.0008
Na5895	589.592	{ 5	Y_3710	ppm	0.1134	0.0004	0.3172	0.1136	0.1131
Na8183	818.326	{ 4	Y_3710	ppm	0.2031	0.0612	30.12	0.1598	0.2463
Ni2316	231.604	{4	In2306	ppm	0.0003	0.0005	177.4	-0.0001	0.0006
P_1782	178.284	{4	In2306	ppm	-0.0002	0.0004	220.5	-0.0005	0.0001
Pb2203	220.353	{4	In2306	ppm	0.0005	0.0015	302.7	-0.0006	0.0016
S_1820	182.034	{4	Y_2243	ppm	-1.616	0.0228	1.41	-1.632	-1.6
Sb2068	206.833	{4	Y_2243	ppm	0.0046	0.0005	10.5	0.0043	0.005
Se1960	196.090	{4	Y_2243	ppm	-0.0004	0.0007	181.1	0.0001	-0.0009
Si2516	251.611	{1	Y_3710	ppm	-0.0087	0.0083	95.57	-0.0145	-0.0028
Sn1899	189.989	{4	In2306	ppm	0.0005	0.0008	171.6	-0.0001	0.0011
Sr4215	421.552	{ 8	Y_3710	ppm	0	0	5.811	0	0
Ti3349	334.904	{1	Y_3600	ppm	-0.0005	0.0003	68.25	-0.0007	-0.0002
Tl1908	190.856	{4	In2306	ppm	0.002	0.0019	96.3	0.0006	0.0033
V_2924	292.402	{1	Y_3600	ppm	-0.0006	0.0002	32.99	-0.0004	-0.0007
Zn2062	206.200	{4	In2306	ppm	0.0001	0.0003	216.4	-0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.7	0.48462	0.90245	54.042	53.357
In2306	230.606	{4	Cts/S	10083	1.511	0.01499	10082	10084
Y_2243	224.306	{4	Cts/S	12847	2.511	0.01954	12846	12849
Y_3600	360.073	{ 9	Cts/S	44629	91.329	0.20464	44693	44564
Y_3710	371.030	{ 9	Cts/S	8063.6	24.952	0.30944	8046	8081.3

[Sample Header]

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 15:54:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0004	0.0002	61.28	-0.0005	-0.0002
Al3082	308.215	{1	In2306	ppm	567	7.791	1.374	572.5	561.5
As1890	189.042	{4	Y_2243	ppm	0.002	0.0032	157	0.0043	-0.0002
B_2496	249.678	{1	Y_3710	ppm	-0.0066	0.017	257.8	-0.0186	0.0054
Ba4554	455.403	{ 7	Y_3710	ppm	0.0005	0.0002	42.56	0.0007	0.0004
Be3130	313.042	{1	Y_3710	ppm	-0.0003	0	4.157	-0.0003	-0.0003
Ca3158	315.887	{1	In2306	ppm	538.7	1.807	0.3354	540	537.5
Ca3181	318.128	{1	In2306	ppm	546.9	0.4474	0.0818	547.2	546.6
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0.0001	185.5	-0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0006	0.0001	26.72	0.0005	0.0007
Cr2677	267.716	{1	Y_3600	ppm	0.0016	0.0003	21.17	0.0014	0.0019
Cu3247	324.754	{1	Y_3600	ppm	0.0017	0.0003	19.16	0.002	0.0015
Fe2404	240.488	{1	In2306	ppm	204	1.438	0.7049	205.1	203
K_7664	766.490	{ 4	Y_3710	ppm	-0.0002	0.0157	7573	0.0109	-0.0113
K_7698	769.896	{ 4	Y_3710	ppm	-0.3156	0.0043	1.37	-0.3125	-0.3186
Li6707	670.784	{ 5	Y_3710	ppm	0.0081	0.0004	4.543	0.0083	0.0078
Mg2790	279.079	{1	Y_3710	ppm	576.9	0.8761	0.1519	576.3	577.5
Mn2576	257.610	{1	Y_3600	ppm	-0.0053	0	0.1789	-0.0053	-0.0053
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0055	0.0007	12.11	-0.006	-0.0051
Mo2020	202.030	{4	Y_2243	ppm	-0.0011	0.0001	12.91	-0.0012	-0.001
Na5895	589.592	{ 5	Y_3710	ppm	0.0807	0.0013	1.558	0.0816	0.0798
Na8183	818.326	{ 4	Y_3710	ppm	0.9824	0.0662	6.735	1.029	0.9357
Ni2316	231.604	{4	In2306	ppm	0.0063	0.0002	3.418	0.0065	0.0062
P_1782	178.284	{4	In2306	ppm	0.0051	0	0.6594	0.0051	0.0052
Pb2203	220.353	{4	In2306	ppm	-0.0217	0.0008	3.704	-0.0223	-0.0211
S_1820	182.034	{4	Y_2243	ppm	7.026	0.1051	1.496	6.951	7.1
Sb2068	206.833	{4	Y_2243	ppm	-0.0033	0.0057	169.9	-0.0073	0.0007
Se1960	196.090	{4	Y_2243	ppm	-0.0029	0.0005	15.78	-0.0033	-0.0026
Si2516	251.611	{1	Y_3710	ppm	0.0204	0.0468	230.2	0.0535	-0.0128
Sn1899	189.989	{4	In2306	ppm	0.0021	0.0001	4.729	0.0022	0.0021
Sr4215	421.552	{ 8	Y_3710	ppm	0.0023	0.0002	6.476	0.0024	0.0022
Ti3349	334.904	{1	Y_3600	ppm	0.003	0	0.0015	0.003	0.003
Tl1908	190.856	{4	In2306	ppm	-0.0014	0.0031	219.9	-0.0036	0.0008
V_2924	292.402	{1	Y_3600	ppm	-0.0053	0.0004	7.633	-0.0055	-0.005
Zn2062	206.200	{4	In2306	ppm	0.0029	0.0001	3.854	0.0028	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.767	0.49864	0.98222	50.414	51.119
In2306	230.606	{4	Cts/S	7123.8	4.7625	0.06685	7120.4	7127.1
Y_2243	224.306	{4	Cts/S	10907	10.256	0.09403	10900	10915
Y_3600	360.073	{ 9	Cts/S	45267	83.894	0.18533	45207	45326
Y_3710	371.030	{ 9	Cts/S	6982.9	32.536	0.46594	6959.9	7005.9

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.5532	0.0034	0.621	0.5508	0.5557
Al3082	308.215	{1 In2306	ppm	598.2	6.576	1.099	593.6	602.9
As1890	189.042	{4 Y_2243	ppm	0.9833	0.0043	0.4402	0.9802	0.9863
B_2496	249.678	{1 Y_3710	ppm	1.118	0.0098	0.8786	1.112	1.125
Ba4554	455.403	{ 7 Y_3710	ppm	1.107	0.0023	0.2093	1.109	1.106
Be3130	313.042	{1 Y_3710	ppm	0.5347	0.0027	0.4973	0.5365	0.5328
Ca3158	315.887	{1 In2306	ppm	555.2	7.134	1.285	550.2	560.2
Ca3181	318.128	{1 In2306	ppm	565.8	7.219	1.276	560.7	570.9
Cd2288	228.802	{4 Y_2243	ppm	0.5074	0.0016	0.3237	0.5063	0.5086
Co2286	228.616	{4 In2306	ppm	0.9902	0.0027	0.2713	0.9883	0.9921
Cr2677	267.716	{1 Y_3600	ppm	0.977	0.0033	0.336	0.9793	0.9747
Cu3247	324.754	{1 Y_3600	ppm	1.202	0.0023	0.1952	1.2	1.204
Fe2404	240.488	{1 In2306	ppm	216.4	2.512	1.161	214.7	218.2
K_7664	766.490	{ 4 Y_3710	ppm	11.97	0.0261	0.2178	11.96	11.99
K_7698	769.896	{ 4 Y_3710	ppm	12.15	0.0177	0.1454	12.13	12.16
Li6707	670.784	{ 5 Y_3710	ppm	1.178	0.0025	0.2143	1.176	1.18
Mg2790	279.079	{1 Y_3710	ppm	590.3	2.4	0.4066	592	588.6
Mn2576	257.610	{1 Y_3600	ppm	0.9655	0.0042	0.4326	0.9626	0.9685
Mn2576-2	257.610	{1 Y_3710	ppm	1.013	0.0006	0.0621	1.013	1.014
Mo2020	202.030	{4 Y_2243	ppm	0.8791	0.0008	0.0886	0.8786	0.8797
Na5895	589.592	{ 5 Y_3710	ppm	11.65	0.0265	0.2273	11.63	11.66
Na8183	818.326	{ 4 Y_3710	ppm	12.64	0.092	0.7275	12.58	12.71
Ni2316	231.604	{4 In2306	ppm	0.9601	0.0024	0.2512	0.9584	0.9618
P_1782	178.284	{4 In2306	ppm	1.138	0.0035	0.3085	1.136	1.141
Pb2203	220.353	{4 In2306	ppm	0.9176	0.0079	0.8625	0.912	0.9232
S_1820	182.034	{4 Y_2243	ppm	7.348	0.2606	3.546	7.164	7.533
Sb2068	206.833	{4 Y_2243	ppm	0.9465	0.0018	0.1923	0.9452	0.9478
Se1960	196.090	{4 Y_2243	ppm	0.9697	0.0091	0.9434	0.9633	0.9762
Si2516	251.611	{1 Y_3710	ppm	0.9618	0.0016	0.1677	0.9607	0.963
Sn1899	189.989	{4 In2306	ppm	0.9931	0.001	0.0977	0.9924	0.9938
Sr4215	421.552	{ 8 Y_3710	ppm	0.542	0.0007	0.1292	0.5425	0.5415
Ti3349	334.904	{1 Y_3600	ppm	1.03	0.0055	0.5309	1.033	1.026
Tl1908	190.856	{4 In2306	ppm	0.9104	0.0073	0.7998	0.9155	0.9052
V_2924	292.402	{1 Y_3600	ppm	1.013	0.0045	0.4408	1.016	1.009
Zn2062	206.200	{4 In2306	ppm	0.9971	0.0022	0.2196	0.9986	0.9955

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	49.347	0.70089	1.4203	49.843	48.852
In2306	230.606	{4 Cts/S	7067.2	39.699	0.56174	7095.3	7039.1
Y_2243	224.306	{4 Cts/S	10912	73.526	0.6738	10964	10860
Y_3600	360.073	{ 9 Cts/S	45357	79.614	0.17553	45414	45301
Y_3710	371.030	{ 9 Cts/S	6894.3	13.452	0.19512	6884.8	6903.8

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1 Y_3600	ppm	0.2385	0.0041	1.72	0.2414	0.2356
Al3082	308.215	{1 In2306	ppm	2.633	0.0132	0.5023	2.624	2.642
As1890	189.042	{4 Y_2243	ppm	0.4807	0.0014	0.289	0.4817	0.4797
B_2496	249.678	{1 Y_3710	ppm	0.4693	0.0029	0.6136	0.4672	0.4713
Ba4554	455.403	{ 7 Y_3710	ppm	0.4906	0.0012	0.242	0.4914	0.4897
Be3130	313.042	{1 Y_3710	ppm	0.4926	0.0023	0.4626	0.4942	0.4909
Ca3158	315.887	{1 In2306	ppm	12.74	0.0016	0.0124	12.74	12.74
Ca3181	318.128	{1 In2306	ppm	12.95	0.0472	0.3643	12.91	12.98
Cd2288	228.802	{4 Y_2243	ppm	0.4824	0.0013	0.2632	0.4833	0.4815
Co2286	228.616	{4 In2306	ppm	0.49	0.0012	0.2411	0.4909	0.4892
Cr2677	267.716	{1 Y_3600	ppm	0.4841	0.0106	2.184	0.4916	0.4767
Cu3247	324.754	{1 Y_3600	ppm	0.4798	0.009	1.881	0.4862	0.4734
Fe2404	240.488	{1 In2306	ppm	2.471	0.0402	1.626	2.5	2.443
K_7664	766.490	{ 4 Y_3710	ppm	13.47	0.0021	0.0159	13.47	13.46
K_7698	769.896	{ 4 Y_3710	ppm	13.58	0.0701	0.5164	13.63	13.53
Li6707	670.784	{ 5 Y_3710	ppm	0.5375	0.0021	0.3863	0.539	0.536
Mg2790	279.079	{1 Y_3710	ppm	4.827	0.0432	0.8957	4.796	4.858
Mn2576	257.610	{1 Y_3600	ppm	0.4771	0.01	2.086	0.4841	0.4701
Mn2576-2	257.610	{1 Y_3710	ppm	0.4515	0.0026	0.5772	0.4534	0.4497
Mo2020	202.030	{4 Y_2243	ppm	0.4851	0.0005	0.105	0.4848	0.4855
Na5895	589.592	{ 5 Y_3710	ppm	13.31	0.0381	0.2859	13.34	13.28
Na8183	818.326	{ 4 Y_3710	ppm	12.79	0.1184	0.9263	12.7	12.87
Ni2316	231.604	{4 In2306	ppm	0.477	0.0021	0.4446	0.4785	0.4755
P_1782	178.284	{4 In2306	ppm	0.0009	0.003	325.5	-0.0012	0.003
Pb2203	220.353	{4 In2306	ppm	0.4794	0.0047	0.9741	0.4827	0.4761
S_1820	182.034	{4 Y_2243	ppm	-42.17	0.4057	0.9621	-42.46	-41.88
Sb2068	206.833	{4 Y_2243	ppm	0.4939	0.0019	0.3901	0.4925	0.4953
Se1960	196.090	{4 Y_2243	ppm	0.4853	0.0022	0.4508	0.4838	0.4869
Si2516	251.611	{1 Y_3710	ppm	0.8072	0.004	0.4954	0.8101	0.8044
Sn1899	189.989	{4 In2306	ppm	0.4995	0.0006	0.1222	0.5	0.4991
Sr4215	421.552	{ 8 Y_3710	ppm	0.2471	0.0001	0.0338	0.247	0.2471
Ti3349	334.904	{1 Y_3600	ppm	0.4983	0.0092	1.841	0.5048	0.4918
Tl1908	190.856	{4 In2306	ppm	0.4938	0.0071	1.432	0.4988	0.4888
V_2924	292.402	{1 Y_3600	ppm	0.4946	0.0127	2.564	0.5036	0.4857
Zn2062	206.200	{4 In2306	ppm	0.4805	0.0022	0.4648	0.4821	0.4789

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1 Cts/S	55.264	0.10406	0.1883	55.191	55.338
In2306	230.606	{4 Cts/S	9423.6	39.464	0.41878	9451.5	9395.7
Y_2243	224.306	{4 Cts/S	12395	53.683	0.43309	12433	12357
Y_3600	360.073	{ 9 Cts/S	47502	587.45	1.2367	47086	47917

Y_3710	371.030 { 9	Cts/S	8100.8	30.908	0.38155	8078.9	8122.6

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	24.17	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0418	0.0529	126.6	0.0044	0.0791
As1890	189.042 {4	Y_2243	ppm	0.0057	0.0088	154.7	-0.0005	0.0119
B_2496	249.678 {1	Y_3710	ppm	0.0042	0.0008	17.84	0.0047	0.0037
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	95.37	0.0004	0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0	47.83	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.022	0.0036	16.14	0.0195	0.0245
Ca3181	318.128 {1	In2306	ppm	0.0812	0.0337	41.5	0.105	0.0574
Cd2288	228.802 {4	Y_2243	ppm	0.0075	0.0102	136.3	0.0003	0.0148
Co2286	228.616 {4	In2306	ppm	0.0083	0.0112	135.6	0.0003	0.0162
Cr2677	267.716 {1	Y_3600	ppm	0	0.0002	522.8	0.0001	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0001	10.5	-0.0012	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0199	0.0215	107.9	-0.0047	-0.0351
K_7664	766.490 { 4	Y_3710	ppm	0.0125	0.0047	37.26	0.0158	0.0092
K_7698	769.896 { 4	Y_3710	ppm	0.0015	0.0184	1251	0.0145	-0.0115
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0003	124.9	0.0004	0
Mg2790	279.079 {1	Y_3710	ppm	0.0345	0.0617	178.9	0.0781	-0.0091
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	26.5	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0005	0.0007	143.1	-0.0009	0
Mo2020	202.030 {4	Y_2243	ppm	0.0112	0.0132	117.2	0.0019	0.0205
Na5895	589.592 { 5	Y_3710	ppm	0.0545	0.0024	4.485	0.0528	0.0563
Na8183	818.326 { 4	Y_3710	ppm	0.1654	0.0551	33.3	0.1265	0.2044
Ni2316	231.604 {4	In2306	ppm	0.0083	0.0108	130.6	0.0006	0.0159
P_1782	178.284 {4	In2306	ppm	0.0003	0.0012	414.1	-0.0005	0.0011
Pb2203	220.353 {4	In2306	ppm	0.0072	0.0107	149.3	-0.0004	0.0147
S_1820	182.034 {4	Y_2243	ppm	-1.123	0.6281	55.95	-0.6786	-1.567
Sb2068	206.833 {4	Y_2243	ppm	0.0185	0.0115	61.9	0.0104	0.0266
Se1960	196.090 {4	Y_2243	ppm	0.0056	0.0077	138.8	0.0001	0.011
Si2516	251.611 {1	Y_3710	ppm	-0.0019	0.001	53.27	-0.0026	-0.0012
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0126	125.4	0.0011	0.019
Sr4215	421.552 { 8	Y_3710	ppm	0	0	80.23	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0007	108	0.0011	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0122	0.016	131.6	0.0008	0.0235
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0011	195.3	-0.0013	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0073	0.0099	135.5	0.0003	0.0143

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.672	0.28854	0.51829	55.468	55.876
In2306	230.606 {4	Cts/S	10021	151.2	1.5087	10128	9914.5
Y_2243	224.306 {4	Cts/S	12647	117.25	0.92713	12730	12564

Y_3600	360.073 { 9	Cts/S	45399	59.197	0.13039	45441	45357
Y_3710	371.030 { 9	Cts/S	8031.4	13.607	0.16943	8021.8	8041.1

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0008	1094	0.0007	-0.0005
Al3082	308.215 {1	In2306	ppm	0.0836	0.0262	31.39	0.1022	0.0651
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0004	58.4	0.0004	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0025	0.003	116.9	0.0047	0.0004
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0002	625.6	0.0002	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	429.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0932	0.0091	9.76	0.0996	0.0867
Ca3181	318.128 {1	In2306	ppm	0.1755	0.0619	35.26	0.2192	0.1317
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0003	111.2	-0.0004	0
Co2286	228.616 {4	In2306	ppm	0.0004	0	10.9	0.0003	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0	0.0002	2426	0.0001	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	4.419	-0.0014	-0.0015
Fe2404	240.488 {1	In2306	ppm	0.034	0.0253	74.55	0.0161	0.0519
K_7664	766.490 { 4	Y_3710	ppm	0.003	0.0071	239.5	0.008	-0.0021
K_7698	769.896 { 4	Y_3710	ppm	-0.4908	0.0077	1.563	-0.4962	-0.4854
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	39.56	0.0007	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.1055	0.062	58.82	0.1493	0.0616
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	22.03	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0003	0.0016	528.3	0.0014	-0.0008
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	280.9	-0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.0435	0.0032	7.412	0.0457	0.0412
Na8183	818.326 { 4	Y_3710	ppm	0.1656	0.1174	70.87	0.2486	0.0826
Ni2316	231.604 {4	In2306	ppm	0	0.0001	161.2	-0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0002	23.24	-0.001	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.0008	0	0.1649	0.0008	0.0008
S_1820	182.034 {4	Y_2243	ppm	0.0096	0.0136	142.2	0.0192	-0.0001
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0002	61.87	0.0005	0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0007	0.0004	58.4	-0.0009	-0.0004
Si2516	251.611 {1	Y_3710	ppm	-0.0122	0.0196	160.7	0.0017	-0.0261
Sn1899	189.989 {4	In2306	ppm	-0.001	0.0002	23.4	-0.0011	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	16.94	-0.0002	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0005	162.8	0	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0026	0.0004	13.73	0.0028	0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0003	205.9	-0.0001	0.0003
Zn2062	206.200 {4	In2306	ppm	-0.0012	0.0001	6.958	-0.0013	-0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.883	1.2664	2.0801	61.778	59.987
In2306	230.606 {4	Cts/S	10465	10.761	0.10283	10457	10472

Y_2243	224.306 {4	Cts/S	12906	25.875	0.20048	12888	12924
Y_3600	360.073 { 9	Cts/S	47985	61.728	0.12864	48028	47941
Y_3710	371.030 { 9	Cts/S	8744.5	89.086	1.0188	8807.5	8681.5

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 16:07:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	37.2	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0265	0.0118	44.58	-0.0182	-0.0349
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0001	13.12	-0.0009	-0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0013	0.0007	49.38	0.0018	0.0009
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	67.4	0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	18.85	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	-0.0099	0.0301	305.1	-0.0311	0.0114
Ca3181	318.128 {1	In2306	ppm	0.0509	0.0833	163.6	-0.008	0.1098
Cd2288	228.802 {4	Y_2243	ppm	-0.0003	0	4.442	-0.0003	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	52.44	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0	1.185	-0.0004	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0004	41.01	-0.0008	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.026	0.0352	135.4	-0.0011	-0.0509
K_7664	766.490 { 4	Y_3710	ppm	0.0021	0.0079	383.9	0.0076	-0.0035
K_7698	769.896 { 4	Y_3710	ppm	-0.5252	0.0064	1.212	-0.5297	-0.5207
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0	0.9366	0.0002	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0495	0.0487	98.42	0.0839	0.015
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	483.3	0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0015	1451	0.0009	-0.0011
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0.0001	53.85	-0.0001	-0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0364	0.0004	1.177	0.0361	0.0367
Na8183	818.326 { 4	Y_3710	ppm	0.0413	0.0015	3.676	0.0424	0.0403
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	118	0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0001	17.69	-0.0007	-0.0006
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0002	132.5	-0.0003	0
S_1820	182.034 {4	Y_2243	ppm	0.0467	0.0476	101.8	0.0131	0.0804
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.0008	106.8	-0.0014	-0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0017	138.1	-0.0024	0
Si2516	251.611 {1	Y_3710	ppm	-0.0368	0.0286	77.8	-0.0165	-0.057
Sn1899	189.989 {4	In2306	ppm	-0.0011	0.0002	20.05	-0.0009	-0.0012
Sr4215	421.552 { 8	Y_3710	ppm	-0.0003	0.0002	73.52	-0.0001	-0.0004
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	201.9	0.0001	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0009	52.85	0.001	0.0022
V_2924	292.402 {1	Y_3600	ppm	0	0	63.53	-0.0001	0
Zn2062	206.200 {4	In2306	ppm	-0.0013	0.0001	11.39	-0.0014	-0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.715	0.31635	0.53878	58.939	58.492

In2306	230.606 {4	Cts/S	10312	3.8309	0.03715	10309	10315
Y_2243	224.306 {4	Cts/S	12737	24.842	0.19504	12719	12754
Y_3600	360.073 { 9	Cts/S	46933	259.53	0.55297	47117	46750
Y_3710	371.030 { 9	Cts/S	8447	77.826	0.92134	8502.1	8392

Method: 20076010 01/25/12 06:59:06 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A012512	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/25/12 07:06:44 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/25/12 07:03:21

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01259	.00158	-.00090	.00003	-.04099	.00198	.00277
SDev	.00035	.00157	.00137	.00076	.00152	.00306	.00041
%RSD	2.7487	99.574	152.56	2389.7	3.7124	154.25	14.738
#1	.01283	.00269	.00007	.00057	-.03991	.00415	.00248
#2	.01234	.00047	-.00187	-.00050	-.04207	-.00018	.00306

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00609	-.00015	-.00062	.00287	.00385	.04326	.02077
SDev	.00024	.00071	.00047	.00025	.00890	.00112	.00050
%RSD	3.9656	483.32	76.019	8.6036	231.24	2.5811	2.4006
#1	.00592	.00035	-.00096	.00305	-.00245	.04247	.02042
#2	.00626	-.00065	-.00029	.00270	.01015	.04404	.02112

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00004	.00018	-.00179	.29170	.03870	-.00008	-.00178
SDev	.00000	.00025	.00203	.00757	.00181	.00098	.00140
%RSD	1.0632	141.42	113.04	2.5955	4.6786	1170.7	78.463
#1	.00004	.00000	-.00323	.28634	.03998	-.00078	-.00276
#2	.00004	.00036	-.00036	.29705	.03742	.00061	-.00079

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.14569	.00063	-.00160	.00200	-.00317	-.00011	.00046
SDev	.00332	.00247	.00089	.00003	.00147	.00020	.00025
%RSD	2.2765	391.94	55.673	1.4624	46.493	187.74	53.484
#1	.14335	.00237	-.00223	.00202	-.00213	.00004	.00064
#2	.14804	-.00112	-.00097	.00198	-.00421	-.00025	.00029

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.01279	-.00618	-.00438	.00304

SDev	.01402	.01615	.00523	.00302
%RSD	109.67	261.57	119.36	99.536
#1	.00287	.00525	-.00808	.00518
#2	.02271	-.01760	-.00068	.00090

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28000	--	--	--	--	--	--
SDev	297.6920	--	--	--	--	--	--
%RSD	1.063167	--	--	--	--	--	--
#1	28211	--	--	--	--	--	--
#2	27790	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/25/12 07:06:55

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.0866	1.1150	1.1296	16.824	19.296	7.1069	11.820
SDev	.0009	.0031	.0020	.011	.006	.0099	.004
%RSD	.08417	.27878	.17286	.06522	.03124	.13964	.03230
#1	1.0873	1.1128	1.1310	16.831	19.292	7.0999	11.818
#2	1.0860	1.1172	1.1282	16.816	19.301	7.1139	11.823

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.5687	2.1102	1.2664	1.6058	4.6430	24.446	1.1122
SDev	.0007	.0001	.0005	.0030	.0003	.035	.0007
%RSD	.02729	.00423	.03805	.18490	.00655	.14416	.06628
#1	2.5682	2.1101	1.2661	1.6079	4.6428	24.470	1.1127
#2	2.5692	2.1102	1.2667	1.6037	4.6432	24.421	1.1117

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.8945	1.7917	5.2818	3.3145	.94267	.85532	.15740
SDev	.0001	.0072	.0263	.0038	.00286	.00181	.00023
%RSD	.00473	.40056	.49769	.11337	.30315	.21208	.14410
#1	1.8946	1.7866	5.3004	3.3172	.94469	.85660	.15756
#2	1.8944	1.7968	5.2632	3.3119	.94065	.85404	.15724

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.130	51.349	.35113	2.5395	12.516	.58207	3.2727
SDev	.036	.073	.00192	.0028	.004	.00016	.0008
%RSD	.17819	.14200	.54578	.10845	.03229	.02701	.02553
#1	20.155	51.401	.34977	2.5414	12.518	.58196	3.2733
#2	20.104	51.297	.35248	2.5375	12.513	.58218	3.2721

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.7513	7.5855	1.1974	1.0924
SDev	.0107	.0067	.0060	.0029
%RSD	.28401	.08884	.50011	.26354
#1	3.7588	7.5808	1.2016	1.0904
#2	3.7438	7.5903	1.1931	1.0945

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27394	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0129060	--	--	--	--	--	--
#1	27392	--	--	--	--	--	--
#2	27397	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	18.6217	-.234395	01/25/12 07:06:55
Sb2068	206.838	STD	S0	1.80224	-.002849	01/25/12 07:06:55
As1890	189.042	STD	S0	1.75201	.001577	01/25/12 07:06:55
Ba4934	493.409	STD	S0	.118881	-.000004	01/25/12 07:06:55
Be3130	313.042	STD	S0	.051747	.002121	01/25/12 07:06:55
B_2496	249.678	STD	S0	.281495	-.000558	01/25/12 07:06:55
Cd2265	226.502	STD	S0	.084787	-.000235	01/25/12 07:06:55
Ca3179	317.933	STD	S0	7.80457	-.047533	01/25/12 07:06:55
Cr2677	267.716	STD	S0	.947726	.000139	01/25/12 07:06:55
Co2286	228.616	STD	S0	1.57850	.000983	01/25/12 07:06:55
Cu3247	324.753	STD	S0	1.24707	-.003584	01/25/12 07:06:55
Fe2714	271.441	STD	S0	4.13262	-.015914	01/25/12 07:06:55
Li6707	670.784	STD	S0	.081960	-.003545	01/25/12 07:06:55
Pb2203	220.353		NONE	.000000	.000000	*01/25/12 07:06:55
Se1960	196.026		NONE	.000000	.000000	*01/25/12 07:06:55
Mg2790	279.078	STD	S0	18.3244	-.380600	01/25/12 07:06:55
Mn2576	257.610	STD	S0	1.05591	-.000038	01/25/12 07:06:55
Mo2020	202.030	STD	S0	1.11638	-.000201	01/25/12 07:06:55
Ni2316	231.604	STD	S0	.378531	.000679	01/25/12 07:06:55
K_7664	766.491	STD	S0	6.61634	-1.92996	01/25/12 07:06:55
Si2881	288.158	STD	S0	2.19210	-.084843	01/25/12 07:06:55
Ag3280	328.068	STD	S0	1.16936	.000098	01/25/12 07:06:55
Na3302	330.232	STD	S0	125.642	.223425	01/25/12 07:06:55
Na5889	588.995	STD	S0	1.00080	-.145810	01/25/12 07:06:55
Sr4215	421.552	STD	S0	.019484	-.000012	01/25/12 07:06:55
Tl1908	190.864	STD	S0	5.68830	.009115	01/25/12 07:06:55
Sn1899	189.989	STD	S0	.788181	-.001576	01/25/12 07:06:55
Ti3349	334.941	STD	S0	.159761	.000506	01/25/12 07:06:55
V_2924	292.402	STD	S0	3.40246	.000368	01/25/12 07:06:55
Zn2138	213.856	STD	S0	.611959	-.000283	01/25/12 07:06:55
2203/1	220.351	STD	S0	.538094	-.006881	01/25/12 07:06:55
2203/2	220.352	STD	S0	.262459	.001621	01/25/12 07:06:55
1960/1	196.021	STD	S0	1.66634	.007303	01/25/12 07:06:55
1960/2	196.022	STD	S0	1.83207	-.005565	01/25/12 07:06:55

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/25/12 07:10:20 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/25/12 07:10:20 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/25/12 07:14:54 AM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/25/12 07:11:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.958	1.9865	1.9958	2.0030	.99751	1.9980	.99364

SDev	.013	.0070	.0062	.0015	.00213	.0033	.00231
%RSD	.06740	.35457	.31302	.07612	.21309	.16277	.23226
#1	19.949	1.9915	2.0002	2.0040	.99901	2.0003	.99527
#2	19.968	1.9815	1.9914	2.0019	.99600	1.9957	.99201
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.849	1.9888	1.9876	1.9980	19.869	1.9991	1.9870
SDev	.051	.0055	.0062	.0010	.054	.0007	.0068
%RSD	.25534	.27894	.30981	.04850	.27117	.03592	.34243
#1	19.885	1.9928	1.9919	1.9987	19.907	1.9996	1.9918
#2	19.813	1.9849	1.9832	1.9974	19.831	1.9986	1.9822
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9971	19.889	1.9882	1.9950	1.9685	19.990	1.9812
SDev	.0003	.039	.0050	.0010	.0038	.020	.0025
%RSD	.01711	.19826	.24953	.05055	.19215	.09945	.12714
#1	1.9974	19.917	1.9917	1.9957	1.9711	20.004	1.9830
#2	1.9969	19.861	1.9847	1.9943	1.9658	19.976	1.9794
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99497	19.909	19.984	.99546	1.9901	1.9952	1.9915
SDev	.00360	.092	.004	.00076	.0029	.0021	.0037
%RSD	.36223	.46262	.01946	.07670	.14403	.10298	.18483
#1	.99752	19.974	19.981	.99600	1.9881	1.9967	1.9941
#2	.99242	19.844	19.987	.99492	1.9922	1.9937	1.9889
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.9888	1.9856	1.9830	1.9891	1.9844	2.0035	
SDev	.0044	.0053	.0063	.0070	.0007	.0001	
%RSD	.21920	.26945	.31893	.35414	.03736	.00708	
#1	1.9919	1.9894	1.9874	1.9940	1.9849	2.0036	
#2	1.9857	1.9818	1.9785	1.9841	1.9838	2.0034	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27560	--	--	--	--	--	--
SDev	65.76093	--	--	--	--	--	--
%RSD	.2386144	--	--	--	--	--	--

#1	27513	--	--	--	--	--	--
#2	27606	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 07:14:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5271	.49844	.50040	.50249	.50988	.50344	.50271
SDev	.0053	.00020	.00352	.00154	.00002	.00101	.00040
%RSD	.20910	.04081	.70394	.30623	.00360	.20023	.07966
#1	2.5308	.49858	.50290	.50358	.50986	.50415	.50300
#2	2.5233	.49829	.49791	.50140	.50989	.50272	.50243

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.589	.50171	.50373	.50932	2.5420	.46951	.50101
SDev	.005	.00046	.00005	.00120	.0096	.00085	.00127
%RSD	.03979	.09257	.00916	.23620	.37682	.18073	.25240
#1	12.585	.50204	.50370	.51017	2.5352	.47011	.50191
#2	12.592	.50139	.50376	.50846	2.5488	.46891	.50012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51115	5.0555	.49583	.51276	.49531	12.130	.96071
SDev	.00707	.0056	.00025	.00169	.00001	.021	.00387
%RSD	1.3839	.11014	.04968	.32936	.00199	.17387	.40293
#1	.51615	5.0516	.49566	.51395	.49532	12.145	.96344
#2	.50615	5.0594	.49601	.51157	.49530	12.115	.95797

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25136	12.724	12.012	.24939	.50492	.51446	.50752
SDev	.00020	.023	.011	.00058	.00206	.00019	.00126
%RSD	.08106	.18458	.09568	.23340	.40807	.03725	.24746
#1	.25121	12.707	12.020	.24980	.50346	.51460	.50841
#2	.25150	12.740	12.004	.24898	.50637	.51432	.50663

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50670	.51041	.49991	.50157	.50385	.51486
SDev	.00107	.00058	.00078	.00229	.00505	.00809
%RSD	.21116	.11436	.15562	.45574	1.0012	1.5709
#1	.50746	.51083	.49936	.50318	.50741	.52058
#2	.50594	.51000	.50046	.49995	.50028	.50914

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/25/12 07:18:46 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27590	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0333172	--	--	--	--	--	--
#1	27597	--	--	--	--	--	--
#2	27584	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/25/12 07:18:49

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00505	.00315	.00102	.00039	.00029	.00513	.00025
SDev	.00458	.00145	.00116	.00003	.00001	.00062	.00002
%RSD	90.649	46.190	114.10	8.3762	3.3992	12.103	6.5056
#1	.00181	.00212	.00184	.00036	.00029	.00557	.00023
#2	.00828	.00417	.00020	.00041	.00028	.00470	.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00847	.00086	.00004	.00092	-.02313	.00048	-.00006
SDev	.00049	.00029	.00045	.00031	.00566	.00002	.00011
%RSD	5.8263	34.248	999.56	33.444	24.482	3.9805	175.27
#1	.00812	.00065	.00036	.00071	-.01912	.00047	.00001
#2	.00882	.00106	-.00027	.00114	-.02713	.00049	-.00013

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	.01450	.00028	.00323	.00077	.06511	.00174
SDev	.00241	.00025	.00003	.00183	.00034	.00747	.00224
%RSD	148.87	1.7258	10.024	56.623	43.913	11.479	129.11
#1	.00333	.01467	.00026	.00452	.00100	.05983	.00015
#2	-.00009	.01432	.00031	.00194	.00053	.07040	.00332

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	-.03433	.00486	.00019	.00205	-.00028	.00050
SDev	.00000	.07165	.00038	.00003	.00365	.00223	.00001
%RSD	.62011	208.70	7.7690	16.823	178.42	795.53	2.4404
#1	-.00057	.01633	.00513	.00017	.00463	-.00186	.00049
#2	-.00058	-.08500	.00459	.00021	-.00054	.00130	.00051

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.00036	-.00593	.00287	-.00981	.00734
SDev	.00016	.00000	.00100	.00034	.00234	.00245
%RSD	15.697	1.1299	16.801	11.822	23.806	33.387
#1	.00090	.00035	-.00522	.00263	-.00816	.00907

#2	.00112	.00036	-.00663	.00311	-.01147	.00560

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27804	--	--	--	--	--	--
SDev	146.3711	--	--	--	--	--	--
%RSD	.5264295	--	--	--	--	--	--
#1	27908	--	--	--	--	--	--
#2	27701	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/25/12 07:22:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10278	.01180	.01154	.01058	.00519	.01308	.00512
SDev	.00177	.00043	.00060	.00001	.00000	.00018	.00021
%RSD	1.7235	3.6717	5.2164	.10372	.06851	1.3560	4.1044
#1	.10153	.01150	.01196	.01058	.00519	.01321	.00527
#2	.10403	.01211	.01111	.01059	.00519	.01296	.00497

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09393	.01099	.01020	.01113	.08832	.00915	.00946
SDev	.00147	.00030	.00095	.00023	.02816	.00001	.00004
%RSD	1.5621	2.7030	9.3239	2.0493	31.881	.14181	.42733
#1	.09496	.01078	.01088	.01097	.10823	.00915	.00943
#2	.09289	.01120	.00953	.01129	.06841	.00914	.00948

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00894	.11159	.01053	.01148	.01093	.61379	.01211
SDev	.00145	.00091	.00002	.00011	.00058	.01067	.00073
%RSD	16.207	.81728	.18583	.93929	5.3436	1.7389	5.9926
#1	.00791	.11224	.01054	.01156	.01134	.62133	.01160
#2	.00996	.11095	.01051	.01140	.01052	.60624	.01263

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00461	.50940	.54565	.00509	.01105	.00885	.01066
SDev	.00097	.18484	.00158	.00001	.00132	.00126	.00011
%RSD	21.076	36.285	.28914	.24852	11.931	14.196	.98014
#1	.00530	.64010	.54454	.00508	.01198	.00974	.01059
#2	.00392	.37870	.54677	.00510	.01012	.00796	.01074

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01119	.01037	.00494	.01171	.00149	.01266

SDev	.00024	.00008	.00161	.00087	.00348	.00043
%RSD	2.1610	.76502	32.659	7.4026	233.07	3.3981
#1	.01102	.01043	.00608	.01110	-.00097	.01235
#2	.01136	.01032	.00380	.01233	.00396	.01296

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27476	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.1852951	--	--	--	--	--	--
#1	27440	--	--	--	--	--	--

#2	27512	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/25/12 07:26:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	497.17	.00067	-.00107	.00177	-.00020	-.00056	.00523
SDev	.74	.00300	.00148	.00003	.00001	.00070	.00012
%RSD	.14788	446.76	138.42	1.5719	5.0662	125.74	2.3789
#1	497.69	-.00145	-.00002	.00179	-.00021	-.00006	.00514
#2	496.65	.00279	-.00212	.00175	-.00019	-.00105	.00531

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	452.29	.00154	.00000	.01354	190.28	.00457	.00819
SDev	1.29	.00027	.00022	.00012	.62	.00012	.00227
%RSD	.28433	17.607	6096.1	.88938	.32423	2.5621	27.673
#1	453.20	.00173	.00016	.01362	190.72	.00466	.00659
#2	451.39	.00135	-.00015	.01345	189.84	.00449	.00979

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01445	503.64	-.00802	-.00076	.00146	.14121	.01335
SDev	.00880	.96	.00002	.00079	.00087	.01309	.00148
%RSD	60.929	.19146	.19219	103.97	59.567	9.2718	11.105
#1	-.02067	504.33	-.00801	-.00020	.00207	.15046	.01439
#2	-.00822	502.96	-.00803	-.00132	.00084	.13195	.01230

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	.05006	.15829	-.00900	-.00271	.00051	-.00240
SDev	.00059	.09558	.00255	.00003	.00116	.00616	.00004
%RSD	67.083	190.94	1.6128	.31083	42.908	1200.5	1.5917
#1	-.00046	.11764	.16009	-.00902	-.00353	.00487	-.00237
#2	-.00130	-.01753	.15648	-.00898	-.00189	-.00384	-.00242

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00424	.00213	-.08647	.05552	-.00964	-.01685
SDev	.00011	.00038	.00006	.00343	.00829	.00906
%RSD	2.6707	18.065	.07007	6.1763	86.006	53.754
#1	.00432	.00241	-.08643	.05309	-.01551	-.02326
#2	.00416	.00186	-.08651	.05794	-.00378	-.01045

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24986	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2433810	--	--	--	--	--	--

#1	24943	--	--	--	--	--	--
#2	25029	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/25/12 07:30:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	505.96	1.0258	1.0265	1.0194	.48947	1.0340	.47612
SDev	.34	.0038	.0008	.0010	.00235	.0026	.00250
%RSD	.06691	.37084	.07520	.09632	.48053	.24782	.52555
#1	506.20	1.0231	1.0270	1.0201	.49114	1.0358	.47789
#2	505.72	1.0285	1.0260	1.0187	.48781	1.0322	.47435

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.53	.96184	.92848	1.0753	200.20	1.2175	.97250
SDev	2.64	.00443	.00606	.0002	1.08	.0014	.00547
%RSD	.57093	.46017	.65276	.02302	.54065	.11392	.56247
#1	463.40	.96497	.93277	1.0751	200.97	1.2165	.97637
#2	459.67	.95871	.92420	1.0754	199.43	1.2185	.96863

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0022	514.67	.95261	.98424	.91968	14.259	.96992
SDev	.0001	2.44	.00445	.00418	.00755	.016	.00229
%RSD	.01004	.47386	.46753	.42485	.82116	.11256	.23619
#1	1.0021	516.39	.95576	.98720	.92502	14.247	.97154
#2	1.0023	512.94	.94946	.98129	.91434	14.270	.96830

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53384	12.192	13.554	.49345	.96215	1.0047	.98705
SDev	.00167	.103	.025	.00073	.00110	.0074	.00269

%RSD	.31317	.84412	.18565	.14886	.11467	.73774	.27215
#1	.53502	12.265	13.536	.49397	.96293	1.0100	.98895
#2	.53265	12.120	13.572	.49293	.96137	.99950	.98515

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98326	1.0048	.88017	1.0187	1.0128	.99690
SDev	.00380	.0054	.00441	.0060	.0018	.00107
%RSD	.38666	.53483	.50080	.58911	.18103	.10710
#1	.98595	1.0086	.88329	1.0229	1.0140	.99615
#2	.98057	1.0010	.87706	1.0144	1.0115	.99766

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25078	--	--	--	--	--	--

SDev	126.5721	--	--	--	--	--	--
%RSD	.5047037	--	--	--	--	--	--
#1	24989	--	--	--	--	--	--
#2	25168	--	--	--	--	--	--

Analysis Report Blank Sample 01/25/12 07:39:41 AM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 07:35:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5326	.49596	.50257	.49628	.51322	.50012	.50598
SDev	.0286	.00399	.00297	.00458	.00452	.00393	.00451
%RSD	1.1300	.80439	.59024	.92200	.87994	.78545	.89213
#1	2.5124	.49314	.50047	.49304	.51002	.49735	.50278
#2	2.5529	.49878	.50467	.49951	.51641	.50290	.50917

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.708	.50324	.50628	.50520	2.5624	.46276	.50242
SDev	.127	.00509	.00464	.00425	.0046	.00490	.00343
%RSD	.99722	1.0118	.91651	.84127	.17822	1.0584	.68219
#1	12.619	.49964	.50300	.50220	2.5591	.45930	.50000
#2	12.798	.50684	.50956	.50821	2.5656	.46622	.50484

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51182	5.1162	.49728	.50681	.50765	11.959	.95614
SDev	.00417	.0453	.00439	.00537	.00356	.135	.00878
%RSD	.81420	.88571	.88221	1.0594	.70123	1.1279	.91852
#1	.50887	5.0842	.49418	.50301	.50514	11.863	.94993
#2	.51477	5.1483	.50038	.51060	.51017	12.054	.96235

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25021	12.652	11.844	.24740	.50440	.51601	.50631
SDev	.00199	.014	.128	.00238	.00862	.00199	.00487
%RSD	.79705	.11273	1.0784	.96138	1.7090	.38634	.96130
#1	.24880	12.662	11.753	.24572	.49830	.51460	.50287
#2	.25162	12.642	11.934	.24908	.51049	.51742	.50975

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50654	.51160	.50005	.50361	.50737	.51411
SDev	.00482	.00421	.00119	.00454	.00198	.00526
%RSD	.95184	.82255	.23870	.90237	.39067	1.0232
#1	.50313	.50862	.49921	.50039	.50597	.51039
#2	.50995	.51457	.50090	.50682	.50877	.51783

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	27563	--	--	--	--	--	--
SDev	147.0782	--	--	--	--	--	--
%RSD	.5336074	--	--	--	--	--	--

#1	27667	--	--	--	--	--	--
#2	27459	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 07:39:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01362	.00101	.00120	.00025	.00024	.00341	.00007
SDev	.00161	.00097	.00018	.00005	.00004	.00007	.00011
%RSD	11.803	95.414	14.809	19.539	17.688	2.1907	162.58
#1	.01248	.00033	.00108	.00021	.00021	.00336	.00015
#2	.01475	.00170	.00133	.00028	.00027	.00346	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01745	.00038	.00004	.00053	-.01595	.00009	-.00028
SDev	.00244	.00000	.00020	.00003	.00418	.00005	.00025
%RSD	13.954	.04675	461.78	6.6316	26.189	56.385	89.369
#1	.01573	.00038	.00019	.00050	-.01890	.00005	-.00046
#2	.01917	.00038	-.00010	.00055	-.01299	.00013	-.00010

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	.02660	.00021	.00209	.00004	.06745	-.00140
SDev	.00298	.00450	.00003	.00040	.00052	.00536	.00029
%RSD	387.31	16.936	12.912	18.955	1386.4	7.9386	20.346
#1	.00134	.02341	.00019	.00237	-.00033	.06367	-.00160
#2	-.00288	.02978	.00023	.00181	.00041	.07124	-.00120

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	-.09814	-.00190	.00013	.00399	-.00136	.00040
SDev	.00018	.08350	.00095	.00005	.00290	.00042	.00014
%RSD	48.849	85.076	50.025	34.076	72.792	30.933	34.866
#1	-.00049	-.03910	-.00257	.00010	.00604	-.00107	.00030
#2	-.00024	-.15719	-.00122	.00016	.00194	-.00166	.00049

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00006	-.00411	.00164	-.00741	.00255
SDev	.00008	.00017	.00107	.00091	.00075	.00485
%RSD	18.452	284.44	25.982	55.572	10.167	190.06
#1	.00039	.00018	-.00336	.00099	-.00794	.00598
#2	.00051	-.00006	-.00487	.00228	-.00688	-.00088

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/25/12 07:43:33 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27744	--	--	--	--	--	--
SDev	20.50610	--	--	--	--	--	--
%RSD	.0739132	--	--	--	--	--	--
#1	27758	--	--	--	--	--	--
#2	27729	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70516/1-a Operator: SRP
Run Time: 01/25/12 07:43:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00136	.00119	.00051	.00088	.00005	.00212	.00013
SDev	.00094	.00132	.00036	.00000	.00002	.00004	.00012
%RSD	68.932	110.72	71.086	.05907	41.949	1.8622	86.187
#1	-.00070	.00026	.00025	.00088	.00004	.00215	.00022
#2	-.00203	.00212	.00076	.00088	.00007	.00209	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03550	.00058	-.00016	.00141	-.00394	-.00007	.00096
SDev	.00073	.00005	.00008	.00023	.00404	.00002	.00079
%RSD	2.0637	8.5924	48.731	16.629	102.61	32.326	82.442
#1	.03602	.00062	-.00010	.00124	-.00108	-.00005	.00152
#2	.03498	.00055	-.00021	.00157	-.00679	-.00009	.00040

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00191	.01260	.00046	.00063	.00032	.08164	.00074
SDev	.00274	.00065	.00000	.00049	.00038	.00996	.00027
%RSD	143.35	5.1562	.43366	77.909	118.07	12.201	36.524
#1	.00003	.01306	.00046	.00097	.00058	.08868	.00055
#2	-.00385	.01214	.00046	.00028	.00005	.07460	.00093

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.02196	.01639	.00008	-.00155	.02949	.00022
SDev	.00039	.08569	.00032	.00001	.00141	.00033	.00008
%RSD	220.77	390.14	1.9300	5.7552	90.820	1.1059	36.929
#1	.00010	.08256	.01616	.00009	-.00055	.02972	.00017
#2	-.00045	-.03863	.01661	.00008	-.00254	.02926	.00028

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.02680	-.00086	.00187	-.01219	.00323
SDev	.00001	.00011	.00035	.00101	.00217	.00303
%RSD	1.2478	.40534	40.825	54.024	17.826	93.780
#1	.00038	.02687	-.00061	.00259	-.01066	.00537

Analysis Report 01/25/12 07:47:24 AM page 4

#2	.00037	.02672	-.00111	.00116	-.01373	.00109	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27729	--	--	--	--	--	--
SDev	111.7229	--	--	--	--	--	--
%RSD	.4029099	--	--	--	--	--	--
#1	27650	--	--	--	--	--	--
#2	27808	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70516/2-a Operator: SRP
Run Time: 01/25/12 07:47:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.515	.79957	1.3929	2.6952	1.5702	.83771	.68209
SDev	.082	.00450	.0015	.0010	.0018	.00118	.00040
%RSD	.09262	.56224	.10593	.03667	.11221	.14067	.05858
#1	88.457	.79639	1.3918	2.6945	1.5689	.83687	.68237
#2	88.573	.80275	1.3939	2.6959	1.5714	.83854	.68180

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.017	1.0390	1.4195	1.1106	172.21	.08859	1.4136
SDev	.023	.0004	.0014	.0004	.04	.00002	.0005
%RSD	.02386	.03558	.09943	.03998	.02242	.02534	.03555
#1	95.001	1.0393	1.4185	1.1103	172.23	.08857	1.4133
#2	95.033	1.0388	1.4205	1.1109	172.18	.08860	1.4140

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9193	41.963	5.1323	.89219	1.2859	49.957	7.2184
SDev	.0074	.016	.0018	.00149	.0036	.042	.0095
%RSD	.38443	.03781	.03540	.16654	.27723	.08464	.13194
#1	1.9141	41.952	5.1310	.89114	1.2884	49.986	7.2117
#2	1.9245	41.974	5.1335	.89324	1.2834	49.927	7.2251

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47815	4.7508	7.7219	2.4747	1.6418	1.6851	4.0554
SDev	.00077	.1343	.0016	.0010	.0091	.0106	.0047
%RSD	.16062	2.8265	.02020	.03899	.55536	.62757	.11661
#1	.47870	4.8457	7.7230	2.4740	1.6354	1.6926	4.0521
#2	.47761	4.6558	7.7208	2.4754	1.6483	1.6776	4.0588

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64120	2.2301	1.3972	1.4218	1.9119	1.9230

Analysis Report 01/25/12 07:51:15 AM page 5

SDev	.00022	.0010	.0001	.0007	.0121	.0050	
%RSD	.03461	.04382	.00440	.05084	.63421	.26027	
#1	.64105	2.2294	1.3971	1.4213	1.9033	1.9195	
#2	.64136	2.2308	1.3972	1.4224	1.9205	1.9266	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29320	--	--	--	--	--	--
SDev	13.43503	--	--	--	--	--	--
%RSD	.0458228	--	--	--	--	--	--
#1	29329	--	--	--	--	--	--
#2	29310	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-1-a Operator: SRP
Run Time: 01/25/12 07:51:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.98	.00296	.06516	.89119	.00560	.04032	.00859
SDev	.05	.00118	.00074	.00109	.00005	.00079	.00037
%RSD	.04888	39.662	1.1390	.12261	.93920	1.9640	4.2890
#1	104.94	.00213	.06569	.89196	.00564	.04088	.00885
#2	105.02	.00379	.06464	.89041	.00557	.03976	.00833

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2032.7	.11002	.04819	.07709	96.093	.07833	.07523
SDev	8.6	.00030	.00026	.00009	.207	.00004	.00107
%RSD	.42137	.26965	.52866	.11073	.21561	.05603	1.4227
#1	2038.7	.11023	.04837	.07715	96.239	.07830	.07599
#2	2026.6	.10981	.04801	.07703	95.946	.07837	.07448

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00884	20.990	6.4114	.00249	.12022	16.148	10.544
SDev	.00097	.071	.0148	.00090	.00046	.034	.006
%RSD	10.949	.33814	.23079	36.190	.38486	.20751	.05553
#1	-.00815	21.040	6.4219	.00313	.12055	16.125	10.548
#2	-.00952	20.940	6.4009	.00185	.11989	16.172	10.540

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00217	3.3999	3.9133	11.476	-.00034	.02635	.17762
SDev	.00021	.0984	.0063	.020	.00739	.00011	.00004
%RSD	9.6396	2.8939	.16014	.17393	2147.5	.41213	.02099
#1	-.00203	3.4694	3.9089	11.491	.00488	.02628	.17765
#2	-.00232	3.3303	3.9178	11.462	-.00557	.02643	.17760

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37377	.30780	.04625	.08973	-.00841	-.00905
SDev	.00100	.00095	.00280	.00021	.00173	.00059
%RSD	.26684	.30865	6.0436	.23161	20.530	6.4994
#1	.37447	.30848	.04823	.08987	-.00719	-.00864
#2	.37306	.30713	.04428	.08958	-.00963	-.00947

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26582	--	--	--	--	--	--
SDev	96.16652	--	--	--	--	--	--
%RSD	.3617731	--	--	--	--	--	--
#1	26514	--	--	--	--	--	--
#2	26650	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-2-a Operator: SRP
Run Time: 01/25/12 07:55:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.453	.00169	.04009	.62310	.00360	.04172	.00821
SDev	.004	.00551	.00012	.00034	.00004	.00032	.00032
%RSD	.00477	326.73	.30608	.05444	1.1941	.75990	3.9607
#1	83.456	-.00221	.04018	.62334	.00357	.04195	.00844
#2	83.451	.00558	.04001	.62286	.00363	.04150	.00798

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2162.5	.09052	.02907	.05985	69.544	.08965	.04583
SDev	5.6	.00023	.00056	.00008	.085	.00011	.00054
%RSD	.25829	.25246	1.9083	.13569	.12234	.11915	1.1770
#1	2158.6	.09068	.02946	.05979	69.484	.08973	.04545
#2	2166.5	.09036	.02867	.05991	69.604	.08958	.04621

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00955	22.012	4.6026	.00112	.11052	16.610	10.315
SDev	.00360	.050	.0077	.00019	.00038	.030	.006
%RSD	37.692	.22728	.16755	16.749	.34264	.18276	.06041
#1	-.00700	21.976	4.5972	.00099	.11079	16.632	10.310
#2	-.01209	22.047	4.6081	.00126	.11025	16.589	10.319

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00201	3.5950	3.9379	11.490	-.00249	.02776	.15268
SDev	.00026	.1453	.0067	.002	.00049	.00159	.00047

%RSD	13.070	4.0425	.17070	.01498	19.624	5.7150	.30988

#1	-.00183	3.6977	3.9426	11.489	-.00214	.02664	.15234
#2	-.00220	3.4922	3.9331	11.491	-.00283	.02889	.15301

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22063	.32254	.02282	.05734	-.00850	-.01007
SDev	.00044	.00083	.00184	.00011	.00599	.00241
%RSD	.20014	.25731	8.0665	.19413	70.429	23.884
#1	.22032	.32195	.02152	.05741	-.00427	-.00837
#2	.22094	.32313	.02412	.05726	-.01273	-.01178

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25266	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0699676	--	--	--	--	--	--
#1	25278	--	--	--	--	--	--
#2	25253	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-3-a Operator: SRP
Run Time: 01/25/12 07:59:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	237.70	.00322	.11106	2.3234	.01330	.03077	.01216
SDev	.24	.00145	.00039	.0021	.00001	.00015	.00013
%RSD	.10088	45.138	.35333	.09003	.06088	.50322	1.0605
#1	237.87	.00425	.11078	2.3249	.01331	.03066	.01207
#2	237.54	.00219	.11134	2.3219	.01330	.03088	.01225

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1397.3	.20915	.11754	.16690	186.09	.15178	.18288
SDev	1.7	.00039	.00002	.00019	.21	.00013	.00095
%RSD	.12331	.18758	.01901	.11612	.11343	.08479	.51745
#1	1398.5	.20942	.11756	.16704	186.24	.15187	.18355
#2	1396.0	.20887	.11753	.16676	185.94	.15169	.18221

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02002	33.570	13.160	.00198	.26081	28.609	10.919
SDev	.00246	.035	.011	.00027	.00094	.008	.005
%RSD	12.299	.10438	.08264	13.466	.36215	.02779	.04503
#1	-.02177	33.595	13.167	.00216	.26147	28.614	10.923
#2	-.01828	33.545	13.152	.00179	.26014	28.603	10.916

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00272	2.1521	2.3832	5.1045	-.01746	.03276	.16336
SDev	.00010	.0369	.0058	.0041	.00593	.00226	.00003

%RSD	3.7781	1.7163	.24167	.07952	33.984	6.8871	.01602
#1	-.00265	2.1782	2.3873	5.1074	-.01326	.03435	.16334
#2	-.00279	2.1260	2.3792	5.1016	-.02165	.03116	.16338

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54217	.61972	.13602	.20631	-.01644	-.02182
SDev	.00036	.00061	.00274	.00005	.00019	.00360
%RSD	.06697	.09825	2.0166	.02328	1.1451	16.500
#1	.54192	.62015	.13796	.20635	-.01657	-.02436
#2	.54243	.61929	.13408	.20628	-.01631	-.01927

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30260	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.2406834	--	--	--	--	--	--
#1	30209	--	--	--	--	--	--
#2	30312	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-b-4-a Operator: SRP
Run Time: 01/25/12 08:02:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.467	.00109	.05547	.82964	.00469	.05008	.00934
SDev	.150	.00204	.00062	.00072	.00001	.00082	.00030
%RSD	.16558	187.52	1.1104	.08616	.17229	1.6363	3.1954
#1	90.573	.00253	.05591	.83014	.00468	.04951	.00955
#2	90.361	-.00036	.05503	.82913	.00470	.05066	.00912

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2131.8	.09484	.06818	.08720	80.015	.07616	.06998
SDev	3.5	.00025	.00042	.00021	.108	.00014	.00167
%RSD	.16294	.26302	.61852	.24240	.13451	.18852	2.3855
#1	2129.3	.09466	.06848	.08735	79.938	.07626	.06880
#2	2134.2	.09501	.06788	.08705	80.091	.07606	.07116

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01178	24.639	11.349	.00003	.15388	16.957	10.095
SDev	.00327	.040	.014	.00085	.00015	.073	.002
%RSD	27.774	.16114	.12612	3098.3	.09652	.43029	.02064

#1	-.01409	24.611	11.339	.00063	.15399	17.008	10.096
#2	-.00946	24.667	11.359	-.00058	.15378	16.905	10.093

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00229	4.9594	5.4861	11.568	-.00638	.02777	.13981
SDev	.00012	.1397	.0204	.008	.00029	.00119	.00014
%RSD	5.4441	2.8175	.37096	.06525	4.4723	4.2784	.09758
#1	-.00220	5.0582	5.5004	11.574	-.00658	.02861	.13971
#2	-.00237	4.8606	5.4717	11.563	-.00617	.02693	.13991

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24009	.34272	.04545	.08224	-.01074	-.01230
SDev	.00039	.00041	.00008	.00247	.00652	.00165
%RSD	.16109	.11951	.17160	2.9973	60.670	13.406
#1	.23982	.34243	.04540	.08050	-.01535	-.01346
#2	.24036	.34301	.04551	.08398	-.00613	-.01113

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26861	--	--	--	--	--	--
SDev	14.14214	--	--	--	--	--	--
%RSD	.0526493	--	--	--	--	--	--
#1	26871	--	--	--	--	--	--
#2	26851	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-5-a Operator: SRP
Run Time: 01/25/12 08:06:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	118.87	.00090	.06681	.97172	.00581	.03970	.00868
SDev	.15	.00266	.00219	.00051	.00001	.00054	.00014
%RSD	.12578	296.49	3.2743	.05207	.13618	1.3533	1.5540
#1	118.97	-.00098	.06835	.97207	.00580	.04008	.00878
#2	118.76	.00278	.06526	.97136	.00581	.03932	.00859

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2074.6	.11379	.05985	.09001	99.383	.08956	.08117
SDev	4.3	.00052	.00026	.00036	.124	.00019	.00024
%RSD	.20625	.45898	.42732	.39446	.12430	.21240	.29330
#1	2077.6	.11416	.06003	.08976	99.471	.08970	.08134
#2	2071.6	.11342	.05967	.09026	99.296	.08943	.08100

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01270	25.356	7.9435	.00078	.15077	17.519	10.407
SDev	.00091	.054	.0097	.00121	.00024	.014	.012
%RSD	7.1301	.21419	.12263	155.13	.16202	.08047	.11302
#1	-.01206	25.395	7.9504	.00164	.15060	17.529	10.415
#2	-.01334	25.318	7.9366	-.00008	.15094	17.509	10.399

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00233	4.3428	4.8166	11.416	-.00568	.02862	.18745
SDev	.00089	.1624	.0108	.000	.00254	.00334	.00044
%RSD	38.408	3.7395	.22347	.00418	44.676	11.670	.23512
#1	-.00169	4.4576	4.8242	11.415	-.00388	.03098	.18714
#2	-.00296	4.2279	4.8090	11.416	-.00747	.02625	.18776

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30035	.37399	.05202	.09575	-.01234	-.01288
SDev	.00026	.00039	.00255	.00092	.00226	.00023
%RSD	.08526	.10349	4.9092	.96061	18.353	1.7521
#1	.30017	.37426	.05383	.09510	-.01074	-.01272
#2	.30053	.37371	.05021	.09640	-.01394	-.01304

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26734	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1507606	--	--	--	--	--	--
#1	26706	--	--	--	--	--	--
#2	26763	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-b-6-a Operator: SRP
Run Time: 01/25/12 08:10:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.087	.00347	.06152	.60106	.00404	.05048	.00971
SDev	.063	.00100	.00231	.00038	.00002	.00046	.00020
%RSD	.07651	28.669	3.7611	.06231	.42701	.90380	2.0794
#1	82.131	.00418	.05988	.60133	.00403	.05015	.00985
#2	82.042	.00277	.06315	.60080	.00405	.05080	.00956

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2170.3	.09520	.07908	.11463	95.639	.10177	.07066
SDev	3.5	.00024	.00010	.00050	.079	.00009	.00173
%RSD	.16010	.25188	.12647	.43316	.08270	.08644	2.4454

#1	2172.8	.09503	.07915	.11428	95.695	.10183	.07189
#2	2167.9	.09537	.07901	.11498	95.583	.10171	.06944

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01073	24.887	5.8693	.00044	.16318	18.603	10.485
SDev	.00195	.029	.0057	.00049	.00058	.014	.010
%RSD	18.184	.11598	.09768	109.41	.35506	.07545	.09489

#1	-.01212	24.907	5.8733	.00010	.16359	18.613	10.492
#2	-.00935	24.866	5.8652	.00079	.16277	18.593	10.478

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00268	4.0167	4.6537	11.804	-.00343	.02781	.17217
SDev	.00057	.0973	.0018	.005	.00510	.00015	.00056
%RSD	21.237	2.4221	.03832	.03932	148.54	.52146	.32490

#1	-.00228	4.0855	4.6550	11.807	.00017	.02791	.17257
#2	-.00309	3.9479	4.6525	11.800	-.00704	.02771	.17177

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24718	.63331	.04740	.08229	-.00823	-.01199
SDev	.00022	.00005	.00187	.00166	.00143	.00222
%RSD	.08849	.00762	3.9416	2.0145	17.323	18.479

#1	.24734	.63334	.04872	.08347	-.00924	-.01355
#2	.24703	.63327	.04608	.08112	-.00722	-.01042

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25952	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.1280620	--	--	--	--	--	--

#1	25928	--	--	--	--	--	--
#2	25975	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-7-a Operator: SRP
Run Time: 01/25/12 08:14:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	122.08	.00242	.05755	.82919	.00501	.04401	.00839
SDev	.11	.00313	.00193	.00076	.00003	.00021	.00024
%RSD	.09169	129.09	3.3554	.09138	.55178	.48333	2.9213

#1	122.16	.00463	.05618	.82972	.00499	.04386	.00821
#2	122.00	.00021	.05891	.82865	.00503	.04416	.00856

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2053.1	.12172	.04773	.08530	97.051	.11606	.06531
SDev	.8	.00011	.00009	.00032	.019	.00011	.00144
%RSD	.03898	.08672	.18980	.37586	.01984	.09430	2.1966

#1	2052.5	.12165	.04779	.08553	97.037	.11613	.06633
#2	2053.6	.12180	.04766	.08508	97.065	.11598	.06430

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01085	26.038	5.3746	-.00035	.15658	21.999	11.316

SDev	.00203	.009	.0009	.00124	.00134	.025	.002
%RSD	18.693	.03271	.01726	353.65	.85284	.11567	.01958
#1	-.01229	26.032	5.3739	.00052	.15753	22.017	11.314
#2	-.00942	26.045	5.3753	-.00122	.15564	21.981	11.317

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	3.3972	3.8926	10.015	-.00640	.02730	.16053
SDev	.00025	.0270	.0024	.005	.00060	.00256	.00075
%RSD	10.653	.79491	.06063	.04601	9.4468	9.3841	.46472
#1	-.00217	3.4163	3.8943	10.018	-.00597	.02912	.16000
#2	-.00253	3.3781	3.8910	10.012	-.00683	.02549	.16106

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25711	.45235	.03558	.08018	-.00541	-.01358
SDev	.00009	.00039	.00182	.00124	.00071	.00340
%RSD	.03586	.08649	5.1108	1.5500	13.215	25.045
#1	.25704	.45207	.03687	.08106	-.00490	-.01598
#2	.25717	.45262	.03429	.07930	-.00591	-.01117

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26187	--	--	--	--	--	--
SDev	26.87006	--	--	--	--	--	--
%RSD	.1026084	--	--	--	--	--	--
#1	26168	--	--	--	--	--	--
#2	26206	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-b-8-a Operator: SRP
Run Time: 01/25/12 08:18:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	115.45	.00100	.06756	.81786	.00517	.03758	.00997
SDev	.24	.00209	.00017	.00199	.00002	.00054	.00025

%RSD	.21189	207.94	.24521	.24279	.28696	1.4351	2.5310
#1	115.62	-.00047	.06768	.81927	.00516	.03720	.01015
#2	115.28	.00248	.06744	.81646	.00518	.03796	.00979

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2083.5	.11514	.04199	.07183	97.285	.10026	.06657
SDev	4.6	.00009	.00053	.00002	.055	.00030	.00154
%RSD	.22120	.07358	1.2702	.03186	.05651	.30207	2.3102
#1	2080.3	.11520	.04237	.07182	97.324	.10048	.06548
#2	2086.8	.11508	.04161	.07185	97.246	.10005	.06766

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01322	23.784	4.9455	.00062	.13783	19.742	11.788
SDev	.00272	.014	.0021	.00103	.00076	.086	.010
%RSD	20.546	.05946	.04220	167.81	.55077	.43560	.08485
#1	-.01514	23.774	4.9469	.00135	.13837	19.803	11.795
#2	-.01130	23.794	4.9440	-.00012	.13730	19.681	11.781

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00203	3.5406	3.8791	10.814	-.00321	.03173	.14963
SDev	.00004	.1178	.0108	.020	.00002	.00262	.00061
%RSD	1.8304	3.3273	.27733	.18619	.70339	8.2415	.40621
#1	-.00206	3.6239	3.8867	10.828	-.00322	.03358	.15006
#2	-.00201	3.4573	3.8715	10.800	-.00319	.02988	.14920

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28439	.37052	.03623	.08175	-.01052	-.01457
SDev	.00073	.00005	.00196	.00133	.00602	.00106
%RSD	.25623	.01314	5.4092	1.6235	57.223	7.3090
#1	.28490	.37056	.03484	.08081	-.01477	-.01532
#2	.28387	.37049	.03761	.08268	-.00626	-.01382

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25984	--	--	--	--	--	--
SDev	65.76093	--	--	--	--	--	--
%RSD	.2530775	--	--	--	--	--	--
#1	25938	--	--	--	--	--	--
#2	26031	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 08:22:05
Comment: TRACE 61E

Analysis Report Blank Sample 01/25/12 08:25:53 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5600	.49700	.50543	.49950	.52215	.50217	.50941
SDev	.0072	.00101	.00213	.00060	.00007	.00131	.00081
%RSD	.28315	.20382	.42195	.11910	.01269	.26041	.15813
#1	2.5651	.49772	.50693	.49992	.52210	.50310	.50998
#2	2.5549	.49629	.50392	.49908	.52220	.50125	.50884

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.139	.51061	.51245	.51102	2.5874	.46857	.50728
SDev	.006	.00005	.00030	.00076	.0108	.00049	.00157
%RSD	.04639	.01002	.05807	.14908	.41869	.10401	.31005

#1	13.143	.51065	.51224	.51156	2.5798	.46892	.50839
#2	13.135	.51057	.51266	.51048	2.5951	.46823	.50617
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51131	5.1803	.50352	.51088	.51385	12.117	.99237
SDev	.00402	.0035	.00008	.00131	.00083	.010	.00991
%RSD	.78538	.06707	.01604	.25611	.16159	.08365	.99839
#1	.50847	5.1827	.50358	.50996	.51444	12.124	.99938
#2	.51415	5.1778	.50346	.51181	.51326	12.110	.98536
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25350	12.698	11.987	.24827	.50258	.52239	.51366
SDev	.00032	.080	.006	.00014	.00238	.00280	.00011
%RSD	.12497	.63075	.05057	.05632	.47302	.53661	.02107
#1	.25328	12.755	11.991	.24837	.50090	.52437	.51374
#2	.25373	12.641	11.983	.24817	.50427	.52040	.51359
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.51422	.51640	.50545	.50820	.51161	.51122	
SDev	.00008	.00042	.00317	.00077	.00322	.00441	
%RSD	.01506	.08177	.62706	.15240	.62915	.86348	
#1	.51428	.51669	.50769	.50875	.50933	.50810	
#2	.51417	.51610	.50321	.50765	.51389	.51434	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27346	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1732503	--	--	--	--	--	--
#1	27312	--	--	--	--	--	--
#2	27379	--	--	--	--	--	--

Analysis Report Blank Sample 01/25/12 08:25:53 AM page 15

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 08:25:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01057	-.00103	.00067	.00030	.00030	.00251	.00022
SDev	.00440	.00257	.00040	.00014	.00007	.00032	.00035
%RSD	41.628	250.02	60.723	47.958	24.426	12.587	156.76
#1	.00746	-.00285	.00038	.00020	.00025	.00229	-.00002
#2	.01369	.00079	.00095	.00040	.00035	.00273	.00047
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05292	.00034	-.00013	.00037	-.01317	.00019	.00018

SDev	.03128	.00053	.00084	.00039	.02888	.00010	.00002
%RSD	59.098	154.36	669.66	105.75	219.35	52.917	11.262
#1	.03081	-.00003	-.00072	.00009	-.03359	.00012	.00020
#2	.07504	.00072	.00047	.00065	.00726	.00026	.00017

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00194	.03184	.00029	.00155	-.00008	.09921	.00621
SDev	.00106	.00522	.00014	.00008	.00051	.01699	.00140
%RSD	54.406	16.402	47.402	5.2299	648.13	17.123	22.578
#1	.00269	.02815	.00019	.00161	.00028	.08720	.00522
#2	.00119	.03553	.00038	.00149	-.00044	.11122	.00721

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.12268	.00026	.00021	.00122	-.00102	.00040
SDev	.00089	.24569	.00192	.00012	.00104	.00155	.00022
%RSD	219.68	200.27	750.80	57.726	84.928	151.71	55.302
#1	-.00104	-.29641	-.00110	.00012	.00195	-.00211	.00024
#2	.00022	.05105	.00161	.00029	.00049	.00007	.00055

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	-.00007	-.00157	.00106	-.00383	.00483
SDev	.00017	.00011	.00050	.00028	.00545	.00431
%RSD	45.044	147.07	31.959	26.634	142.28	89.286
#1	.00026	-.00015	-.00193	.00126	-.00768	.00787
#2	.00051	.00000	-.00122	.00086	.00002	.00178

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27746	--	--	--	--	--	--

Analysis Report Blank Sample 01/25/12 08:29:45 AM page 16

SDev	68.58935	--	--	--	--	--	--
%RSD	.2472000	--	--	--	--	--	--
#1	27795	--	--	--	--	--	--
#2	27698	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-9-a Operator: SRP
Run Time: 01/25/12 08:29:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.144	-.00066	.03921	.60438	.00415	.03143	.00750
SDev	.025	.00204	.00144	.00006	.00001	.00016	.00045
%RSD	.03184	307.08	3.6745	.01054	.19032	.52128	6.0127
#1	79.126	.00078	.04023	.60443	.00415	.03154	.00782
#2	79.161	-.00210	.03819	.60434	.00414	.03131	.00718

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2150.6	.08186	.02482	.04877	70.371	.06012	.04744
SDev	6.5	.00046	.00062	.00002	.130	.00005	.00049
%RSD	.30040	.56373	2.5035	.04976	.18407	.08190	1.0432
#1	2155.2	.08219	.02526	.04878	70.462	.06016	.04709
#2	2146.1	.08154	.02438	.04875	70.279	.06009	.04779

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00722	18.239	5.3951	.00062	.08501	13.804	9.5800
SDev	.00262	.016	.0054	.00123	.00075	.009	.0070
%RSD	36.323	.08939	.09973	196.82	.87958	.06567	.07351
#1	-.00537	18.251	5.3989	.00149	.08554	13.798	9.5750
#2	-.00908	18.227	5.3912	-.00024	.08448	13.811	9.5850

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00152	3.1686	3.4679	11.617	-.00577	.02673	.15061
SDev	.00057	.2518	.0025	.005	.00340	.00469	.00036
%RSD	37.658	7.9481	.07281	.04118	58.885	17.563	.23975
#1	-.00112	3.3467	3.4661	11.613	-.00337	.03005	.15036
#2	-.00193	2.9905	3.4697	11.620	-.00817	.02341	.15087

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24813	.22211	.02546	.05844	-.00537	-.00815
SDev	.00044	.00040	.00033	.00091	.00418	.00185
%RSD	.17592	.18043	1.2820	1.5497	77.822	22.644
#1	.24844	.22239	.02569	.05780	-.00242	-.00685
#2	.24782	.22182	.02522	.05908	-.00833	-.00946

Analysis Report 01/25/12 08:33:36 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25791	--	--	--	--	--	--
SDev	63.63961	--	--	--	--	--	--
%RSD	.2467512	--	--	--	--	--	--
#1	25746	--	--	--	--	--	--
#2	25836	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-10-a Operator: SRP
Run Time: 01/25/12 08:33:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	185.47	.00049	.06645	1.5779	.00927	.03041	.00926
SDev	.16	.00459	.00146	.0014	.00002	.00024	.00006
%RSD	.08682	944.15	2.1915	.08999	.20985	.79962	.66455

#1	185.58	.00373	.06748	1.5789	.00929	.03059	.00922
#2	185.35	-.00276	.06542	1.5769	.00926	.03024	.00930

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1588.9	.16368	.06569	.10373	124.66	.11504	.11078
SDev	4.8	.00058	.00018	.00017	.31	.00002	.00153
%RSD	.30338	.35207	.26755	.16131	.24914	.01923	1.3765
#1	1592.3	.16408	.06582	.10385	124.88	.11506	.10970
#2	1585.4	.16327	.06557	.10361	124.44	.11503	.11186

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01203	27.002	10.767	.00004	.19365	24.467	10.701
SDev	.00041	.069	.024	.00000	.00198	.012	.005
%RSD	3.4177	.25528	.22546	.99375	1.0229	.04819	.04822
#1	-.01232	27.051	10.785	.00004	.19505	24.475	10.704
#2	-.01174	26.954	10.750	.00004	.19225	24.458	10.697

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00196	2.1577	2.5071	5.9455	-.01173	.02845	.18497
SDev	.00049	.0782	.0050	.0053	.00323	.00245	.00038
%RSD	25.170	3.6235	.19838	.08940	27.507	8.5956	.20762
#1	-.00161	2.2130	2.5106	5.9492	-.00945	.03018	.18524
#2	-.00231	2.1025	2.5036	5.9417	-.01401	.02673	.18470

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40338	.40725	.07002	.13116	-.01193	-.01208
SDev	.00154	.00074	.00183	.00137	.00283	.00080
%RSD	.38133	.18256	2.6071	1.0481	23.687	6.5886

#1	.40446	.40777	.06873	.13019	-.01393	-.01152
#2	.40229	.40672	.07131	.13213	-.00993	-.01265

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28321	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1498055	--	--	--	--	--	--
#1	28291	--	--	--	--	--	--
#2	28351	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-10-b du Operator: SRP
Run Time: 01/25/12 08:37:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	197.53	.00082	.08213	2.1246	.01077	.02745	.00989
SDev	.14	.00053	.00136	.0000	.00000	.00003	.00004

%RSD	.07134	64.967	1.6523	.00206	.03510	.11914	.36912
#1	197.43	.00120	.08117	2.1246	.01077	.02743	.00986
#2	197.63	.00044	.08309	2.1245	.01078	.02747	.00992

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1481.7	.17489	.10843	.12666	145.81	.11948	.15697
SDev	1.6	.00027	.00002	.00015	.10	.00010	.00025
%RSD	.10927	.15630	.01766	.11857	.06806	.08445	.15642
#1	1480.5	.17470	.10841	.12676	145.74	.11940	.15714
#2	1482.8	.17509	.10844	.12655	145.88	.11955	.15680

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01218	28.494	14.008	-.00043	.23248	25.667	10.372
SDev	.00137	.044	.014	.00032	.00214	.036	.012
%RSD	11.267	.15583	.09650	75.317	.91826	.14208	.11949
#1	-.01121	28.462	13.999	-.00066	.23097	25.642	10.364
#2	-.01315	28.525	14.018	-.00020	.23399	25.693	10.381

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00243	1.9677	2.2332	5.1214	-.01582	.03078	.19028
SDev	.00014	.0282	.0032	.0014	.00330	.00184	.00043
%RSD	5.7710	1.4349	.14145	.02768	20.835	5.9924	.22480
#1	-.00233	1.9877	2.2310	5.1203	-.01815	.03208	.18998
#2	-.00253	1.9478	2.2355	5.1224	-.01349	.02948	.19058

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49923	.45028	.11594	.17749	-.01458	-.01098
SDev	.00089	.00136	.00270	.00098	.00295	.00058
%RSD	.17795	.30207	2.3271	.55255	20.234	5.3101
#1	.49860	.44932	.11785	.17679	-.01250	-.01057
#2	.49986	.45124	.11403	.17818	-.01667	-.01139

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29280	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0531296	--	--	--	--	--	--
#1	29269	--	--	--	--	--	--
#2	29291	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-10-c ms Operator: SRP
Run Time: 01/25/12 08:41:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	320.89	.21832	.87166	3.3848	.40344	.45368	.37056
SDev	.69	.00056	.00197	.0118	.00017	.00022	.00030
%RSD	.21496	.25646	.22580	.34973	.04248	.04752	.07966
#1	321.38	.21792	.87027	3.3932	.40332	.45383	.37077
#2	320.40	.21871	.87306	3.3764	.40357	.45353	.37035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1063.7	1.0101	.87367	1.0077	218.70	.67773	.93138
SDev	.5	.0008	.00083	.0037	.28	.00248	.00091
%RSD	.04853	.07804	.09541	.37120	.12584	.36612	.09758
#1	1064.0	1.0106	.87426	1.0103	218.90	.67949	.93073
#2	1063.3	1.0095	.87308	1.0050	218.51	.67598	.93202

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72765	48.231	17.390	.58795	1.0400	45.677	9.6245
SDev	.00279	.042	.017	.00335	.0032	.129	.0071
%RSD	.38334	.08765	.09888	.56907	.31074	.28316	.07372
#1	.72568	48.261	17.402	.58558	1.0422	45.769	9.6295
#2	.72962	48.201	17.378	.59031	1.0377	45.586	9.6195

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42678	11.670	12.916	3.0547	.72203	.76181	.36779
SDev	.00068	.109	.040	.0096	.00417	.00641	.00050
%RSD	.16022	.93523	.30612	.31294	.57718	.84149	.13662

#1	.42726	11.747	12.943	3.0614	.72498	.76635	.36814
#2	.42629	11.593	12.888	3.0479	.71909	.75728	.36743

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3993	1.3816	.87034	.96189	.72309	.72994
SDev	.0011	.0010	.00143	.00208	.00319	.00578
%RSD	.07800	.07151	.16435	.21608	.44163	.79195
#1	1.4000	1.3823	.87136	.96042	.72534	.72585
#2	1.3985	1.3809	.86933	.96336	.72083	.73402

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31042	--	--	--	--	--	--
SDev	156.2706	--	--	--	--	--	--
%RSD	.5034248	--	--	--	--	--	--
#1	30931	--	--	--	--	--	--
#2	31152	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-10-d msd Operator: SRP
Run Time: 01/25/12 08:45:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	306.65	.23258	.88142	3.2867	.40586	.47301	.37245
SDev	.67	.00121	.00853	.0071	.00001	.00009	.00023
%RSD	.21906	.52048	.96775	.21562	.00300	.01791	.06222
#1	307.13	.23343	.87538	3.2917	.40585	.47307	.37262
#2	306.18	.23172	.88745	3.2817	.40587	.47295	.37229

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1102.9	1.0039	.86367	1.0030	212.96	.66485	.93439
SDev	.5	.0003	.00036	.0028	.10	.00174	.00192
%RSD	.04129	.03087	.04176	.28341	.04532	.26226	.20553
#1	1102.6	1.0037	.86341	1.0050	213.03	.66608	.93303
#2	1103.3	1.0041	.86392	1.0010	212.89	.66362	.93575

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73979	46.527	10.584	.60481	.96368	43.924	10.412
SDev	.00180	.004	.001	.00249	.00199	.058	.017
%RSD	.24299	.00784	.00709	.41192	.20698	.13095	.16595
#1	.73851	46.530	10.585	.60657	.96227	43.964	10.424
#2	.74106	46.525	10.584	.60305	.96509	43.883	10.400

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.42843	11.896	13.014	3.2135	.73789	.76514	.38237
SDev	.00022	.221	.028	.0047	.00426	.00072	.00011
%RSD	.05098	1.8560	.21853	.14589	.57771	.09425	.02962
#1	.42859	12.052	13.035	3.2168	.74090	.76565	.38245
#2	.42828	11.739	12.994	3.2101	.73487	.76463	.38229

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4045	1.3708	.87368	.96474	.74301	.73817
SDev	.0001	.0011	.00282	.00147	.00180	.00360
%RSD	.00673	.08132	.32299	.15235	.24214	.48715
#1	1.4044	1.3716	.87168	.96370	.74429	.73563
#2	1.4045	1.3700	.87567	.96578	.74174	.74071

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30334	--	--	--	--	--	--
SDev	71.41779	--	--	--	--	--	--
%RSD	.2354342	--	--	--	--	--	--
#1	30284	--	--	--	--	--	--
#2	30385	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-b-11-a Operator: SRP
Run Time: 01/25/12 08:49:05
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	222.58	.00419	.05105	1.3586	.00992	.03487	.00858
SDev	.28	.00181	.00137	.0010	.00004	.00132	.00021
%RSD	.12607	43.274	2.6938	.07311	.42847	3.7933	2.4564
#1	222.78	.00291	.05008	1.3593	.00995	.03581	.00873
#2	222.39	.00547	.05203	1.3579	.00989	.03394	.00843

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1447.4	.19178	.02785	.10637	145.29	.14556	.08653
SDev	2.1	.00017	.00034	.00034	.12	.00014	.00018
%RSD	.14386	.09055	1.2098	.32210	.08340	.09709	.20627
#1	1448.8	.19190	.02809	.10661	145.37	.14566	.08640
#2	1445.9	.19165	.02762	.10613	145.20	.14546	.08666

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00751	29.423	2.6381	.00309	.16230	27.827	11.074
SDev	.00165	.031	.0016	.00317	.00091	.050	.007
%RSD	21.906	.10512	.06223	102.69	.56065	.17956	.06479
#1	-.00635	29.445	2.6393	.00533	.16295	27.862	11.079

#2	-.00868	29.401	2.6370	.00085	.16166	27.791	11.069

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00165	2.2558	2.6831	5.0148	-.00648	.03158	.16109
SDev	.00006	.1068	.0061	.0042	.00055	.00341	.00044
%RSD	3.4144	4.7343	.22582	.08408	8.5391	10.792	.27450
#1	-.00161	2.3313	2.6874	5.0177	-.00609	.03399	.16140
#2	-.00169	2.1803	2.6788	5.0118	-.00687	.02917	.16077

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40788	.51114	.04297	.10831	-.00482	-.00886
SDev	.00034	.00018	.00110	.00082	.00551	.00029
%RSD	.08370	.03569	2.5519	.75338	114.36	3.2304
#1	.40812	.51101	.04374	.10773	-.00092	-.00906
#2	.40764	.51127	.04219	.10889	-.00871	-.00866

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27697	--	--	--	--	--	--
SDev	56.56854	--	--	--	--	--	--
%RSD	.2042407	--	--	--	--	--	--
#1	27657	--	--	--	--	--	--
#2	27737	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-12-a Operator: SRP

Run Time: 01/25/12 08:52:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	137.74	.00183	.05394	.96636	.00768	.02894	.00963
SDev	.03	.00083	.00206	.00028	.00001	.00082	.00046
%RSD	.02325	45.268	3.8140	.02899	.12755	2.8353	4.8135
#1	137.76	.00124	.05540	.96656	.00767	.02952	.00996
#2	137.72	.00241	.05249	.96616	.00769	.02836	.00930

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1771.7	.12880	.02288	.07587	103.22	.09321	.09008
SDev	3.9	.00055	.00055	.00030	.20	.00002	.00053
%RSD	.21905	.42673	2.4206	.39767	.18964	.01774	.58520
#1	1774.5	.12919	.02327	.07609	103.36	.09319	.09045
#2	1769.0	.12841	.02248	.07566	103.08	.09322	.08970

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00880	21.497	3.9713	.01565	.10614	17.082	9.3061

SDev	.00278	.032	.0038	.00047	.00041	.035	.0043
%RSD	31.539	.14654	.09646	3.0328	.38442	.20231	.04653
#1	-.00684	21.520	3.9740	.01599	.10642	17.057	9.3092
#2	-.01077	21.475	3.9686	.01532	.10585	17.106	9.3031

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00208	2.4610	2.7912	8.1502	-.00260	.02760	.15658
SDev	.00048	.0236	.0003	.0010	.00249	.00366	.00028
%RSD	23.196	.95951	.01225	.01198	95.789	13.282	.17746
#1	-.00174	2.4777	2.7915	8.1509	-.00084	.03019	.15677
#2	-.00242	2.4443	2.7910	8.1496	-.00436	.02500	.15638

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36928	.30112	.06020	.10501	-.00883	-.00879
SDev	.00032	.00051	.00302	.00072	.00017	.00408
%RSD	.08744	.17034	5.0140	.68426	1.9699	46.401
#1	.36906	.30148	.06234	.10451	-.00871	-.00590
#2	.36951	.30076	.05807	.10552	-.00896	-.01167

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28806	--	--	--	--	--	--
SDev	65.76093	--	--	--	--	--	--
%RSD	.2282930	--	--	--	--	--	--
#1	28759	--	--	--	--	--	--

#2	28852	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-13-a Operator: SRP
Run Time: 01/25/12 08:56:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	178.16	.00121	.07037	1.4212	.00978	.02784	.01046
SDev	.37	.00034	.00086	.0033	.00002	.00009	.00001
%RSD	.20836	27.726	1.2261	.23489	.17113	.31206	.06128
#1	178.42	.00144	.06976	1.4236	.00977	.02790	.01046
#2	177.90	.00097	.07099	1.4188	.00980	.02778	.01046

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1706.4	.16637	.04996	.09643	136.15	.11236	.10940
SDev	1.6	.00030	.00004	.00015	.03	.00042	.00143
%RSD	.09366	.18020	.08670	.15015	.01960	.37450	1.3093
#1	1705.3	.16658	.04993	.09633	136.13	.11265	.10839

#2	1707.5	.16616	.04999	.09654	136.17	.11206	.11041

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01366	24.273	6.9047	.00009	.14917	21.171	8.4926
SDev	.00085	.000	.0021	.00096	.00055	.078	.0143
%RSD	6.2353	.00032	.03048	1058.8	.36619	.36671	.16872
#1	-.01426	24.273	6.9062	.00077	.14879	21.226	8.5027
#2	-.01306	24.273	6.9032	-.00059	.14956	21.116	8.4824

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00245	2.2651	2.6709	8.1073	-.00906	.02895	.20723
SDev	.00021	.0153	.0131	.0104	.00024	.00048	.00056
%RSD	8.4782	.67452	.48954	.12845	2.6716	1.6552	.26933
#1	-.00260	2.2543	2.6802	8.1147	-.00889	.02929	.20763
#2	-.00231	2.2759	2.6617	8.1000	-.00923	.02861	.20684

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45336	.36594	.07279	.12770	-.01483	-.01308
SDev	.00031	.00017	.00017	.00206	.00632	.00444
%RSD	.06892	.04795	.23600	1.6152	42.599	33.914
#1	.45358	.36582	.07267	.12624	-.01036	-.01622
#2	.45314	.36607	.07291	.12916	-.01929	-.00994

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28892	--	--	--	--	--	--
SDev	88.38835	--	--	--	--	--	--

%RSD	.3059320	--	--	--	--	--	--
#1	28829	--	--	--	--	--	--
#2	28954	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-a-14-a Operator: SRP
Run Time: 01/25/12 09:00:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.110	.00055	.03474	.62880	.00415	.03062	.00774
SDev	.215	.00040	.00070	.00192	.00002	.00091	.00027
%RSD	.26471	73.678	2.0248	.30590	.57723	2.9741	3.4645
#1	81.262	.00083	.03424	.63016	.00413	.02998	.00793
#2	80.958	.00026	.03523	.62744	.00417	.03126	.00755

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2187.9	.08069	.02422	.04677	61.582	.06002	.04450
SDev	5.1	.00022	.00037	.00017	.005	.00027	.00015
%RSD	.23135	.27268	1.5298	.35680	.00883	.45116	.34323
#1	2184.3	.08054	.02448	.04665	61.586	.06021	.04461
#2	2191.5	.08085	.02395	.04689	61.578	.05983	.04439

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00936	17.001	4.6063	.00089	.08427	14.366	10.749
SDev	.00010	.014	.0021	.00025	.00037	.068	.010
%RSD	1.0834	.08255	.04501	27.810	.43443	.47212	.09517
#1	-.00929	16.991	4.6049	.00107	.08453	14.414	10.756
#2	-.00943	17.011	4.6078	.00072	.08401	14.318	10.741

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00123	2.8100	3.1201	9.6231	-.00527	.02821	.13986
SDev	.00049	.1173	.0130	.0187	.00032	.00146	.00036
%RSD	39.336	4.1743	.41767	.19415	6.1389	5.1813	.25376
#1	-.00089	2.8930	3.1293	9.6363	-.00550	.02718	.14011
#2	-.00158	2.7271	3.1109	9.6099	-.00504	.02925	.13961

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18434	.23966	.02313	.05519	-.00834	-.00987
SDev	.00031	.00038	.00250	.00102	.00531	.00250
%RSD	.16898	.16080	10.794	1.8466	63.668	25.368
#1	.18412	.23939	.02489	.05447	-.00459	-.01164
#2	.18456	.23994	.02136	.05591	-.01210	-.00810

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	25478	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0860379	--	--	--	--	--	--
#1	25462	--	--	--	--	--	--
#2	25493	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-d-15-a Operator: SRP
Run Time: 01/25/12 09:04:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	154.46	.00334	.08493	1.2237	.00769	.04327	.00858
SDev	.20	.00171	.00369	.0012	.00004	.00021	.00006
%RSD	.12641	51.303	4.3477	.09703	.55935	.48272	.73320

#1	154.60	.00455	.08232	1.2246	.00772	.04312	.00862
#2	154.32	.00213	.08754	1.2229	.00766	.04342	.00853

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1939.2	.14378	.05974	.11254	111.58	.09112	.10299
SDev	1.7	.00003	.00048	.00050	.16	.00006	.00074
%RSD	.08929	.01798	.80576	.44319	.14128	.07141	.72079
#1	1940.5	.14380	.06008	.11289	111.69	.09117	.10246
#2	1938.0	.14376	.05940	.11219	111.47	.09107	.10351

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01199	33.208	6.6123	.00038	.13831	21.387	9.7978
SDev	.00048	.040	.0080	.00071	.00016	.044	.0025
%RSD	3.9703	.12152	.12075	184.56	.11396	.20494	.02571
#1	-.01165	33.237	6.6180	.00089	.13820	21.418	9.7995
#2	-.01233	33.180	6.6067	-.00012	.13842	21.356	9.7960

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00254	2.1359	2.5284	5.5224	-.01393	.03042	.19623
SDev	.00031	.1823	.0085	.0036	.00105	.00107	.00015
%RSD	12.239	8.5358	.33566	.06454	7.5556	3.5316	.07529
#1	-.00232	2.2649	2.5344	5.5249	-.01319	.03118	.19613
#2	-.00276	2.0070	2.5224	5.5199	-.01468	.02966	.19634

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37248	.37467	.06555	.12171	-.01445	-.01076
SDev	.00069	.00025	.00039	.00131	.00754	.00306
%RSD	.18512	.06609	.59516	1.0752	52.167	28.416
#1	.37296	.37484	.06583	.12078	-.00912	-.01292
#2	.37199	.37449	.06527	.12263	-.01979	-.00859

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26704	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0344226	--	--	--	--	--	--
#1	26711	--	--	--	--	--	--
#2	26698	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 09:08:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5465	.49065	.50157	.49688	.51591	.50079	.50307
SDev	.0033	.00404	.00367	.00221	.00394	.00317	.00543
%RSD	.13072	.82388	.73213	.44394	.76331	.63303	1.0786
#1	2.5488	.48779	.49897	.49844	.51313	.49855	.49924
#2	2.5441	.49351	.50416	.49532	.51869	.50303	.50691

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.124	.50484	.50510	.50767	2.5622	.46942	.50543
SDev	.044	.00480	.00270	.00175	.0246	.00341	.00066
%RSD	.33762	.95137	.53561	.34523	.96020	.72649	.12970
#1	13.093	.50144	.50319	.50891	2.5448	.47183	.50589
#2	13.156	.50824	.50702	.50643	2.5796	.46701	.50497

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50848	5.1118	.49804	.50984	.51614	12.146	.98678
SDev	.00188	.0449	.00300	.00625	.00405	.093	.00133
%RSD	.36962	.87753	.60296	1.2250	.78508	.76811	.13518
#1	.50715	5.0801	.49592	.50543	.51328	12.212	.98772
#2	.50981	5.1436	.50017	.51426	.51901	12.080	.98583

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25153	12.598	11.980	.24796	.50118	.51517	.51067
SDev	.00042	.003	.100	.00076	.01056	.00260	.00078
%RSD	.16746	.02181	.83879	.30812	2.1060	.50376	.15223
#1	.25123	12.596	12.051	.24850	.49372	.51334	.51012
#2	.25182	12.600	11.909	.24742	.50864	.51701	.51122

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50924	.51199	.50723	.50453	.50604	.50976
SDev	.00284	.00364	.00917	.00360	.00135	.00349
%RSD	.55750	.71143	1.8073	.71358	.26682	.68554
#1	.50723	.50942	.51371	.50199	.50699	.50729

#2	.51125	.51457	.50074	.50708	.50508	.51223

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27358	--	--	--	--	--	--
SDev	302.6417	--	--	--	--	--	--
%RSD	1.106227	--	--	--	--	--	--
#1	27144	--	--	--	--	--	--
#2	27572	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 09:12:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01314	.00076	-.00176	.00039	.00030	.00300	.00019
SDev	.00367	.00180	.00339	.00014	.00011	.00064	.00015
%RSD	27.899	237.89	192.41	36.803	37.985	21.457	78.834
#1	.01573	.00203	.00064	.00049	.00038	.00346	.00029
#2	.01055	-.00052	-.00416	.00029	.00022	.00255	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05693	.00057	.00027	.00078	-.00645	.00012	.00017
SDev	.02045	.00027	.00004	.00032	.00532	.00010	.00002
%RSD	35.921	47.045	14.504	41.527	82.579	88.670	9.0903
#1	.07139	.00075	.00030	.00101	-.01021	.00019	.00016
#2	.04247	.00038	.00024	.00055	-.00268	.00004	.00018

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.02163	.00036	.00171	.00024	.04824	.01096
SDev	.00023	.00663	.00019	.00026	.00019	.01032	.00231
%RSD	61.861	30.658	52.206	15.122	79.611	21.389	21.118
#1	.00021	.02631	.00050	.00190	.00038	.05554	.01260
#2	.00053	.01694	.00023	.00153	.00011	.04095	.00933

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	-.11428	-.00249	.00026	.00439	-.00168	.00060
SDev	.00012	.07417	.00321	.00010	.00175	.00078	.00024
%RSD	32.786	64.908	129.12	38.209	39.780	46.797	39.996
#1	-.00045	-.16673	-.00022	.00033	.00316	-.00112	.00077
#2	-.00028	-.06183	-.00476	.00019	.00563	-.00223	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	-.00011	-.00537	.00293	-.00712	.00411
SDev	.00009	.00016	.00270	.00133	.00126	.00097
%RSD	12.970	148.13	50.379	45.290	17.620	23.567

#1	.00075	.00001	-.00728	.00387	-.00624	.00343
#2	.00063	-.00022	-.00345	.00199	-.00801	.00480

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27722	--	--	--	--	--	--
SDev	38.18377	--	--	--	--	--	--
%RSD	.1377381	--	--	--	--	--	--

#1	27695	--	--	--	--	--
#2	27749	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-b-16-a Operator: SRP
Run Time: 01/25/12 09:16:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	171.53	.00184	.09396	1.5289	.00938	.04564	.00829
SDev	.50	.00255	.00069	.0053	.00002	.00006	.00030
%RSD	.29079	139.10	.73766	.34762	.23711	.12752	3.5709
#1	171.88	.00003	.09347	1.5327	.00936	.04560	.00808
#2	171.18	.00364	.09445	1.5251	.00940	.04568	.00850

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1531.5	.15759	.07020	.12898	126.82	.09764	.12594
SDev	3.3	.00054	.00019	.00005	.21	.00044	.00025
%RSD	.21821	.34354	.27545	.03764	.16214	.45381	.19493
#1	1529.2	.15721	.07007	.12901	126.67	.09796	.12577
#2	1533.9	.15797	.07034	.12894	126.96	.09733	.12612

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01340	30.189	7.5128	.00208	.16293	21.371	10.399
SDev	.00568	.038	.0063	.00218	.00072	.108	.001
%RSD	42.412	.12740	.08387	104.50	.44205	.50511	.00562
#1	-.01742	30.162	7.5083	.00054	.16242	21.447	10.399
#2	-.00938	30.217	7.5172	.00362	.16343	21.294	10.398

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00211	1.7541	2.1134	3.6724	-.01323	.03122	.18999
SDev	.00079	.1316	.0103	.0097	.00173	.00354	.00021
%RSD	37.401	7.5047	.48834	.26327	13.111	11.331	.11175
#1	-.00267	1.6610	2.1207	3.6792	-.01445	.02872	.19014
#2	-.00155	1.8472	2.1061	3.6655	-.01200	.03372	.18984

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.41752	.43911	.08939	.14422	-.01414	-.01303
SDev	.00031	.00098	.00139	.00106	.00508	.01106
%RSD	.07406	.22323	1.5504	.73584	35.923	84.912
#1	.41774	.43842	.09037	.14347	-.01055	-.02085
#2	.41730	.43980	.08841	.14497	-.01773	-.00521

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 09:19:50 AM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28561	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.3416573	--	--	--	--	--	--
#1	28492	--	--	--	--	--	--
#2	28630	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48994-b-17-a Operator: SRP
Run Time: 01/25/12 09:19:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	322.05	.00422	.06229	2.2726	.01516	.03126	.00923
SDev	.78	.00250	.00226	.0059	.00001	.00047	.00038
%RSD	.24286	59.358	3.6340	.26104	.07988	1.5130	4.0957
#1	321.50	.00599	.06389	2.2684	.01515	.03159	.00950
#2	322.61	.00245	.06069	2.2768	.01517	.03092	.00897

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	739.50	.28208	.04636	.14990	205.54	.18708	.13571
SDev	.99	.00064	.00037	.00018	.30	.00057	.00091
%RSD	.13320	.22815	.79457	.12211	.14430	.30754	.67126
#1	738.80	.28163	.04662	.14977	205.33	.18668	.13507
#2	740.20	.28254	.04610	.15003	205.75	.18749	.13636

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00856	41.471	2.8579	-.00101	.22346	33.188	8.9446
SDev	.00484	.084	.0061	.00078	.00106	.044	.0268
%RSD	56.541	.20357	.21462	77.285	.47628	.13150	.29958
#1	-.01199	41.411	2.8536	-.00046	.22270	33.157	8.9257
#2	-.00514	41.531	2.8622	-.00156	.22421	33.219	8.9636

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00118	1.5980	1.8075	2.5488	-.01137	.03447	.25663
SDev	.00041	.0504	.0043	.0057	.00518	.00086	.00025
%RSD	34.807	3.1520	.23633	.22468	45.610	2.4909	.09838
#1	-.00089	1.6337	1.8045	2.5447	-.00770	.03508	.25645
#2	-.00147	1.5624	1.8106	2.5528	-.01503	.03386	.25681

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46982	.70974	.07559	.16577	-.00720	-.00925
SDev	.00097	.00188	.00135	.00204	.00528	.00462
%RSD	.20675	.26474	1.7910	1.2326	73.269	50.023
#1	.46914	.70841	.07655	.16433	-.01094	-.01252

#2	.47051	.71107	.07463	.16722	-.00347	-.00597

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30436	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1579815	--	--	--	--	--	--
#1	30470	--	--	--	--	--	--
#2	30402	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49066-a-1-a Operator: SRP
Run Time: 01/25/12 09:23:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	158.62	.02262	.17884	1.6394	.01042	.15330	.04361
SDev	.04	.00234	.00464	.0009	.00001	.00001	.00029
%RSD	.02507	10.343	2.5940	.05312	.12986	.00727	.65931
#1	158.65	.02097	.18212	1.6388	.01041	.15329	.04382
#2	158.59	.02427	.17555	1.6400	.01043	.15331	.04341

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	855.61	.47394	.11434	.34315	201.09	.11174	1.1558
SDev	.59	.00003	.00005	.00006	.07	.00015	.0022
%RSD	.06850	.00735	.04008	.01621	.03355	.13394	.19204
#1	855.19	.47397	.11437	.34319	201.04	.11184	1.1543
#2	856.02	.47392	.11431	.34311	201.14	.11163	1.1574

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01437	66.032	7.5020	.01705	.36907	36.513	9.5311
SDev	.00313	.028	.0059	.00109	.00095	.080	.0071
%RSD	21.750	.04258	.07875	6.3896	.25751	.21984	.07458
#1	.01216	66.012	7.4978	.01783	.36974	36.570	9.5261
#2	.01658	66.052	7.5062	.01628	.36840	36.456	9.5361

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	97.281	89.287	3.7560	-.01471	.09231	.67735
SDev	.00049	.265	.068	.0012	.00094	.00271	.00060
%RSD	30.873	.27207	.07618	.03093	6.4030	2.9410	.08921

#1	-.00124	97.468	89.335	3.7551	-.01537	.09423	.67692
#2	-.00193	97.094	89.239	3.7568	-.01404	.09039	.67778

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61402	1.4056	1.1087	1.1794	.01504	.01404

SDev	.00116	.0006	.0019	.0043	.00031	.00484
%RSD	.18887	.04056	.17194	.36311	2.0355	34.493
#1	.61320	1.4052	1.1100	1.1764	.01526	.01061
#2	.61484	1.4060	1.1073	1.1824	.01483	.01746

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28950	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1636454	--	--	--	--	--	--
#1	28984	--	--	--	--	--	--
#2	28917	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49066-a-2-a Operator: SRP
Run Time: 01/25/12 09:29:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	195.47	.19171	.49233	2.1574	.01400	.05154	.15576
SDev	.75	.00043	.00016	.0090	.00002	.00032	.00019
%RSD	.38368	.22450	.03310	.41522	.14107	.61047	.11924
#1	196.00	.19202	.49222	2.1637	.01398	.05177	.15589
#2	194.94	.19141	.49245	2.1511	.01401	.05132	.15562

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	929.10	.27779	.12780	2.3535	265.52	.11951	34.773
SDev	1.02	.00044	.00074	.0102	.03	.00072	.036
%RSD	.10929	.15915	.57861	.43297	.01306	.59931	.10284
#1	928.39	.27748	.12832	2.3607	265.50	.12002	34.748
#2	929.82	.27810	.12728	2.3463	265.55	.11901	34.799

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02069	31.057	8.6663	.01606	.59170	32.695	10.439
SDev	.00215	.002	.0016	.00121	.00214	.192	.015
%RSD	10.406	.00485	.01890	7.5143	.36215	.58845	.14660
#1	.01917	31.058	8.6651	.01692	.59321	32.831	10.450
#2	.02221	31.056	8.6675	.01521	.59018	32.559	10.428

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	2.7387	2.9252	4.1664	-.01844	.80795	.23858
SDev	.00066	.1311	.0177	.0156	.00521	.00180	.00049
%RSD	41.681	4.7862	.60345	.37325	28.242	.22316	.20343
#1	-.00111	2.8314	2.9376	4.1774	-.01476	.80922	.23892
#2	-.00204	2.6460	2.9127	4.1554	-.02212	.80667	.23824

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82917	1.1813	34.300	35.010	.02366	.01921
SDev	.00012	.0001	.051	.079	.00448	.00099
%RSD	.01469	.00482	.14748	.22547	18.921	5.1624
#1	.82926	1.1814	34.336	34.954	.02049	.01851
#2	.82909	1.1813	34.265	35.066	.02682	.01991

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31099	--	--	--	--	--	--
SDev	172.5341	--	--	--	--	--	--
%RSD	.5547897	--	--	--	--	--	--

#1	30977	--	--	--	--	--	--
#2	31221	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49066-a-2-b du Operator: SRP
Run Time: 01/25/12 09:32:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	201.41	.35265	.85510	2.3026	.01445	.05354	.21586
SDev	.15	.00685	.00043	.0014	.00002	.00001	.00011
%RSD	.07345	1.9428	.05026	.05894	.11716	.02274	.05276
#1	201.31	.34780	.85540	2.3017	.01446	.05353	.21594
#2	201.52	.35749	.85479	2.3036	.01444	.05355	.21578

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	964.18	.28989	.13154	2.6240	278.29	.12355	43.577
SDev	1.95	.00057	.00037	.0015	.30	.00016	.063
%RSD	.20247	.19611	.27988	.05802	.10707	.13229	.14514
#1	965.56	.29029	.13181	2.6230	278.50	.12343	43.621
#2	962.79	.28949	.13128	2.6251	278.08	.12367	43.532

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02713	32.832	8.7948	.01803	.64684	34.661	10.978
SDev	.00016	.044	.0062	.00097	.00062	.049	.008
%RSD	.58756	.13282	.07095	5.3786	.09552	.14153	.07435
#1	.02702	32.863	8.7993	.01872	.64640	34.626	10.973

#2	.02724	32.801	8.7904	.01734	.64728	34.696	10.984

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00160	2.8759	3.1979	4.0535	-.02105	.82262	.24040
SDev	.00059	.1444	.0047	.0011	.00659	.00558	.00013
%RSD	36.536	5.0226	.14691	.02757	31.283	.67819	.05526
#1	-.00119	2.9780	3.1946	4.0527	-.01640	.82657	.24031
#2	-.00202	2.7737	3.2012	4.0543	-.02571	.81868	.24049

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83405	1.2775	42.823	43.953	.02789	.02675
SDev	.00004	.0018	.113	.038	.00400	.00224
%RSD	.00515	.14263	.26401	.08724	14.329	8.3614
#1	.83408	1.2788	42.903	43.981	.03071	.02517
#2	.83402	1.2762	42.743	43.926	.02506	.02833

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30956	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1439043	--	--	--	--	--	--
#1	30925	--	--	--	--	--	--
#2	30988	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49066-a-2-c ms Operator: SRP
Run Time: 01/25/12 09:36:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	256.51	.51816	1.3451	3.1678	.41613	.54335	.51967
SDev	.02	.00077	.0038	.0006	.00027	.00180	.00036
%RSD	.00638	.14792	.28530	.01900	.06412	.33047	.06935
#1	256.49	.51761	1.3423	3.1682	.41595	.54208	.51993
#2	256.52	.51870	1.3478	3.1673	.41632	.54462	.51942

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	963.13	1.1140	.88732	2.9216	291.84	.66018	37.904
SDev	.06	.0017	.00094	.0013	.10	.00003	.073
%RSD	.00574	.14857	.10635	.04591	.03567	.00448	.19256
#1	963.09	1.1128	.88799	2.9207	291.77	.66016	37.852
#2	963.17	1.1151	.88666	2.9226	291.92	.66020	37.956

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80191	46.154	9.4629	.66955	1.3375	50.419	11.420
SDev	.00140	.032	.0036	.00224	.0024	.050	.011

%RSD	.17423	.06833	.03856	.33378	.17766	.09912	.09490
#1	.80290	46.131	9.4603	.66797	1.3358	50.454	11.413
#2	.80092	46.176	9.4655	.67114	1.3391	50.384	11.428

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43850	14.495	15.773	4.5805	.76233	1.4238	.47101
SDev	.00057	.147	.001	.0007	.00619	.0013	.00048
%RSD	.13098	1.0137	.00875	.01421	.81239	.09382	.10097
#1	.43890	14.599	15.774	4.5810	.75795	1.4247	.47067
#2	.43809	14.391	15.772	4.5801	.76671	1.4228	.47135

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6979	2.0691	37.267	38.223	.79855	.80359
SDev	.0008	.0026	.034	.092	.00038	.00191
%RSD	.04487	.12368	.09231	.24144	.04747	.23720
#1	1.6984	2.0673	37.242	38.157	.79881	.80494

#2	1.6974	2.0710	37.291	38.288	.79828	.80224	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30589	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0323629	--	--	--	--	--	--
#1	30582	--	--	--	--	--	--
#2	30596	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49066-a-2-d msd Operator: SRP
Run Time: 01/25/12 09:40:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	255.07	.55880	1.6313	5.0831	.41639	.63095	.54660
SDev	.58	.00551	.0010	.0114	.00039	.00029	.00070
%RSD	.22687	.98693	.05986	.22464	.09366	.04644	.12818
#1	255.48	.56270	1.6306	5.0912	.41667	.63115	.54709
#2	254.66	.55490	1.6320	5.0750	.41612	.63074	.54610

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	903.54	1.1088	.89076	3.4350	405.08	.66658	47.751
SDev	.33	.0002	.00132	.0094	.35	.00136	.021
%RSD	.03621	.02172	.14791	.27469	.08555	.20464	.04438
#1	903.77	1.1089	.89169	3.4416	405.33	.66754	47.766
#2	903.31	1.1086	.88983	3.4283	404.84	.66561	47.736

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.82428	45.110	9.7863	.69621	1.3455	52.844	10.706
SDev	.00049	.049	.0080	.00294	.0013	.108	.015
%RSD	.05925	.10774	.08215	.42265	.09524	.20363	.13551
#1	.82393	45.144	9.7920	.69829	1.3464	52.920	10.716
#2	.82463	45.075	9.7806	.69413	1.3446	52.768	10.695

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43699	20.884	22.491	4.4180	.75860	2.2417	.52684
SDev	.00187	.068	.066	.0086	.00349	.0021	.00066
%RSD	.42906	.32733	.29148	.19421	.46015	.09177	.12568
#1	.43832	20.932	22.537	4.4240	.75613	2.2432	.52731
#2	.43567	20.835	22.444	4.4119	.76107	2.2402	.52637

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6564	2.4832	46.865	48.194	.82514	.82385

SDev	.0020	.0021	.092	.014	.00829	.00341
%RSD	.12351	.08646	.19539	.02904	1.0047	.41421
#1	1.6578	2.4847	46.930	48.185	.81927	.82627
#2	1.6549	2.4817	46.801	48.204	.83100	.82144

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30486	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2180281	--	--	--	--	--	--
#1	30439	--	--	--	--	--	--
#2	30533	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49066-a-3-a Operator: SRP
Run Time: 01/25/12 09:45:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	188.76	.07662	.19408	1.5875	.01266	.13963	3.5044
SDev	.84	.00521	.00391	.0074	.00008	.00057	.0001
%RSD	.44638	6.7960	2.0158	.46375	.66005	.41177	.00282
#1	189.35	.07294	.19131	1.5927	.01260	.13923	3.5045
#2	188.16	.08030	.19684	1.5823	.01272	.14004	3.5043

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	905.38	.25022	.09280	.38904	195.26	.12581	12.807
SDev	1.63	.00085	.00062	.00121	.06	.00080	.038
%RSD	.17986	.34019	.66728	.31009	.03173	.63210	.29516

#1	904.23	.24961	.09324	.38989	195.31	.12638	12.780
#2	906.53	.25082	.09236	.38819	195.22	.12525	12.834

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00336	33.327	6.0698	.00664	.33505	43.520	11.597
SDev	.00053	.006	.0014	.00124	.00071	.259	.026
%RSD	15.674	.01662	.02235	18.749	.21172	.59409	.22780

#1	.00299	33.331	6.0708	.00751	.33454	43.703	11.616
#2	.00373	33.323	6.0688	.00576	.33555	43.337	11.579

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00169	195.99	154.84	3.4094	.00302	.31313	.26522
SDev	.00057	1.15	.63	.0128	.01036	.00229	.00004
%RSD	33.897	.58765	.40782	.37492	342.73	.73029	.01647

#1	-.00129	196.80	155.29	3.4185	.01035	.31474	.26525
#2	-.00210	195.17	154.40	3.4004	-.00430	.31151	.26519

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65516	.89136	12.587	12.917	.00147	.00431
SDev	.00042	.00069	.003	.055	.00280	.00219
%RSD	.06351	.07724	.02582	.42638	190.75	50.852

#1	.65545	.89088	12.585	12.878	.00345	.00276
#2	.65486	.89185	12.589	12.956	-.00051	.00586

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29897	--	--	--	--	--	--
SDev	128.6934	--	--	--	--	--	--
%RSD	.4304560	--	--	--	--	--	--

#1	29806	--	--	--	--	--	--
#2	29988	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-48994-a-10-a Operator: SRP
Run Time: 01/25/12 09:49:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	190.96	.86648	.95302	2.3791	.40664	.90080	.38886
SDev	.14	.00235	.00485	.0007	.00026	.00341	.00023
%RSD	.07298	.27130	.50884	.02815	.06444	.37891	.05897

#1	190.86	.86481	.95645	2.3786	.40646	.89839	.38902
#2	191.06	.86814	.94959	2.3796	.40683	.90322	.38870

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1600.8	.94286	.83015	.97846	132.53	1.2044	.89848

SDev	.9	.00088	.00086	.00096	.01	.0003	.00133
%RSD	.05665	.09364	.10312	.09809	.01131	.02449	.14849
#1	1600.2	.94223	.83076	.97778	132.52	1.2046	.89754
#2	1601.5	.94348	.82955	.97914	132.54	1.2042	.89942

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82296	34.457	11.408	.83044	.96956	37.039	11.628
SDev	.00308	.024	.005	.00246	.00004	.029	.007
%RSD	.37474	.06968	.04405	.29615	.00431	.07896	.05972
#1	.82078	34.440	11.405	.82870	.96959	37.060	11.623
#2	.82514	34.474	11.412	.83218	.96953	37.018	11.633

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45983	12.925	14.980	6.4012	.78894	.86885	.99604
SDev	.00038	.081	.006	.0015	.00284	.00138	.00098
%RSD	.08319	.62779	.03841	.02275	.36067	.15877	.09811
#1	.46010	12.982	14.976	6.4002	.78692	.86982	.99535
#2	.45956	12.868	14.984	6.4023	.79095	.86787	.99673

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2123	1.2477	.84560	.92492	.81540	.82674
SDev	.0001	.0013	.00292	.00346	.00151	.00538
%RSD	.01174	.10360	.34567	.37438	.18463	.65058
#1	1.2124	1.2468	.84767	.92247	.81646	.82294
#2	1.2122	1.2486	.84353	.92737	.81433	.83055

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 09:53:19 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28776	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0417745	--	--	--	--	--	--
#1	28784	--	--	--	--	--	--
#2	28767	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-48994-a-10a@5 Operator: SRP
Run Time: 01/25/12 09:53:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.388	.00229	.01804	.39142	.00239	.01067	.00196
SDev	.076	.00070	.00168	.00018	.00002	.00060	.00007
%RSD	.16756	30.690	9.2850	.04675	.83724	5.6168	3.6675
#1	45.334	.00278	.01685	.39155	.00240	.01109	.00191
#2	45.441	.00179	.01922	.39129	.00237	.01024	.00201

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	610.88	.04282	.01679	.02444	32.974	.02536	.02906
SDev	.56	.00001	.00021	.00030	.046	.00001	.00180
%RSD	.09236	.01290	1.2292	1.2127	.13875	.02312	6.2023
#1	611.28	.04282	.01694	.02465	33.007	.02536	.03033
#2	610.49	.04282	.01664	.02423	32.942	.02536	.02778

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	7.2148	2.8784	.00192	.05310	4.7622	2.8616
SDev	.00002	.0105	.0030	.00249	.00049	.0130	.0034
%RSD	7.2911	.14514	.10411	129.15	.92844	.27316	.11844
#1	-.00033	7.2222	2.8805	.00368	.05275	4.7530	2.8640
#2	-.00030	7.2074	2.8763	.00017	.05345	4.7714	2.8592

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	.38673	.53556	1.4078	.00204	.00730	.05201
SDev	.00018	.02930	.00271	.0001	.00176	.00018	.00073
%RSD	15.153	7.5754	.50604	.00405	86.277	2.5009	1.4046
#1	-.00133	.40745	.53364	1.4077	.00329	.00717	.05252
#2	-.00107	.36602	.53747	1.4078	.00080	.00743	.05149

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10285	.10883	.01643	.03537	-.00699	.00302
SDev	.00048	.00002	.00135	.00203	.00038	.00023
%RSD	.46429	.02163	8.2169	5.7345	5.4832	7.5055
#1	.10319	.10882	.01738	.03681	-.00672	.00286

#2	.10251	.10885	.01547	.03394	-.00726	.00318

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27312	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0129447	--	--	--	--	--	--
#1	27310	--	--	--	--	--	--
#2	27315	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 09:57:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5273	.49608	.50272	.49885	.51020	.49985	.50020
SDev	.0032	.00327	.00101	.00039	.00110	.00012	.00091
%RSD	.12476	.65916	.20028	.07895	.21512	.02296	.18226
#1	2.5250	.49377	.50343	.49857	.51098	.49993	.50085

#2	2.5295	.49840	.50201	.49913	.50942	.49977	.49956

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.874	.50141	.49817	.50737	2.5499	.47464	.49952
SDev	.019	.00094	.00082	.00027	.0004	.00049	.00182
%RSD	.14676	.18726	.16456	.05238	.01402	.10276	.36348
#1	12.860	.50207	.49875	.50756	2.5497	.47430	.50080
#2	12.887	.50074	.49759	.50718	2.5502	.47499	.49824

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50231	5.0343	.49437	.50838	.51814	12.275	.97932
SDev	.00151	.0122	.00042	.00152	.00132	.020	.00569
%RSD	.30044	.24139	.08482	.29939	.25428	.16262	.58120
#1	.50124	5.0429	.49467	.50731	.51908	12.261	.98335
#2	.50337	5.0257	.49407	.50946	.51721	12.290	.97530

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25174	12.639	12.094	.24964	.49986	.51184	.51156
SDev	.00019	.065	.016	.00037	.00726	.00174	.00036
%RSD	.07540	.51188	.13107	.14979	1.4515	.33911	.07121
#1	.25187	12.593	12.082	.24938	.49473	.51307	.51181
#2	.25160	12.685	12.105	.24990	.50499	.51062	.51130

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50731	.51039	.48890	.50483	.48985	.50859

SDev	.00055	.00149	.00304	.00120	.00278	.00365
%RSD	.10773	.29271	.62277	.23794	.56747	.71836
#1	.50769	.51145	.49105	.50568	.49182	.50601
#2	.50692	.50933	.48674	.50398	.48789	.51117

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27552	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0795612	--	--	--	--	--	--
#1	27567	--	--	--	--	--	--
#2	27536	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 10:01:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01376	.00165	.00039	.00032	.00021	.00295	.00024
SDev	.00095	.00005	.00009	.00008	.00001	.00131	.00011
%RSD	6.8745	2.9562	22.336	24.805	5.0348	44.426	46.459

#1	.01443	.00161	.00033	.00037	.00022	.00387	.00032
#2	.01309	.00168	.00045	.00026	.00020	.00202	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04372	.00050	-.00007	.00009	-.00543	.00013	-.00041
SDev	.00099	.00022	.00020	.00038	.00120	.00003	.00118
%RSD	2.2672	43.643	302.09	426.13	22.157	24.715	290.55

#1	.04302	.00065	-.00021	.00036	-.00458	.00016	.00043
#2	.04442	.00034	.00008	-.00018	-.00628	.00011	-.00124

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.02156	.00034	.00249	.00030	.05447	.00725
SDev	.00049	.00186	.00000	.00096	.00018	.01681	.00162
%RSD	53.666	8.6340	.01037	38.782	59.949	30.852	22.307

#1	.00125	.02288	.00034	.00317	.00018	.06635	.00839
#2	.00056	.02025	.00034	.00180	.00043	.04259	.00610

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.04961	-.00383	.00024	.00227	-.00182	.00042
SDev	.00000	.01596	.00033	.00003	.00015	.00110	.00020
%RSD	.00407	32.161	8.6223	10.731	6.3818	60.602	47.006

#1	-.00032	-.06089	-.00360	.00026	.00237	-.00260	.00056
#2	-.00032	-.03833	-.00407	.00022	.00217	-.00104	.00028

Analysis Report Blank Sample 01/25/12 10:04:54 AM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	-.00006	-.00182	.00030	-.00272	.00273
SDev	.00010	.00006	.00126	.00114	.00114	.00130
%RSD	13.713	98.564	68.907	376.77	41.969	47.823

#1	.00077	-.00002	-.00094	.00111	-.00353	.00365
#2	.00063	-.00011	-.00271	-.00050	-.00191	.00180

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27840	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--

#1	27840	--	--	--	--	--	--
#2	27840	--	--	--	--	--	--

Analysis Report 01/25/12 10:10:09 AM page 1

Method: 20076010 Sample Name: mb 600-70728/1-a Operator: SRP
Run Time: 01/25/12 10:06:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00934	.00178	.00080	.00117	.00001	.00180	-.00003
SDev	.00119	.00088	.00245	.00002	.00001	.00012	.00014
%RSD	12.755	49.752	307.07	1.8432	104.16	6.3584	470.84
#1	.00849	.00115	-.00093	.00115	.00000	.00188	.00007
#2	.01018	.00240	.00253	.00119	.00002	.00172	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04341	.00026	.00010	.00152	.00771	-.00001	.00027
SDev	.00364	.00022	.00036	.00024	.01603	.00003	.00048
%RSD	8.3771	83.953	351.05	15.718	207.81	472.04	176.46
#1	.04084	.00010	.00036	.00169	.01905	-.00003	-.00007
#2	.04598	.00041	-.00015	.00135	-.00362	.00001	.00061

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.01946	.00047	.00004	.00071	.07640	.02138
SDev	.00239	.00118	.00003	.00011	.00003	.00389	.00048
%RSD	565.39	6.0550	5.3458	285.29	4.0601	5.0961	2.2532
#1	.00211	.01863	.00049	.00012	.00069	.07365	.02104
#2	-.00127	.02029	.00046	-.00004	.00073	.07916	.02173

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.02709	.00360	.00014	-.00161	-.00119	.00033
SDev	.00048	.05481	.00128	.00002	.00271	.00094	.00013
%RSD	130.76	202.31	35.533	16.126	169.06	78.954	38.679
#1	-.00003	.06585	.00269	.00013	-.00352	-.00186	.00024
#2	-.00070	-.01167	.00450	.00016	.00031	-.00053	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.00797	-.00225	.00154	-.00464	.00295
SDev	.00026	.00020	.00083	.00114	.00228	.00245
%RSD	46.834	2.4749	36.994	74.236	49.111	82.797
#1	.00037	.00783	-.00166	.00073	-.00303	.00468
#2	.00074	.00811	-.00284	.00234	-.00625	.00122

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27849	--	--	--	--	--	--
SDev	82.02438	--	--	--	--	--	--
%RSD	.2945326	--	--	--	--	--	--

#1	27907	--	--	--	--	--	--
#2	27791	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70728/2-a Operator: SRP
Run Time: 01/25/12 10:10:13
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.087	.99673	1.0240	1.0167	.51611	1.0176	.50859
SDev	.039	.00662	.0007	.0041	.00237	.0017	.00285
%RSD	.38670	.66375	.06712	.39924	.45854	.16932	.56045
#1	10.115	1.0014	1.0245	1.0195	.51778	1.0188	.51060
#2	10.059	.99206	1.0235	1.0138	.51444	1.0163	.50657

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.401	1.0181	1.0169	1.0263	10.405	.47391	1.0163
SDev	.046	.0064	.0048	.0041	.076	.00161	.0027
%RSD	.44686	.63117	.47474	.39522	.73444	.34043	.26446
#1	10.433	1.0226	1.0203	1.0292	10.459	.47505	1.0182
#2	10.368	1.0135	1.0135	1.0234	10.351	.47277	1.0144

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0182	10.175	1.0057	1.0360	1.0531	10.056	.97479
SDev	.0015	.047	.0049	.0027	.0112	.034	.00634
%RSD	.15103	.46545	.48249	.26410	1.0652	.34059	.65035
#1	1.0172	10.208	1.0091	1.0340	1.0610	10.080	.97927
#2	1.0193	10.141	1.0022	1.0379	1.0452	10.031	.97031

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51527	9.9283	9.8314	.50953	1.0276	1.0299	1.0299
SDev	.00242	.0869	.0267	.00191	.0000	.0096	.0040
%RSD	.46995	.87526	.27112	.37458	.00322	.93657	.39158
#1	.51698	9.9898	9.8503	.51088	1.0276	1.0368	1.0328
#2	.51356	9.8669	9.8126	.50818	1.0276	1.0231	1.0271

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0277	1.0344	.98892	1.0300	.99309	1.0308
SDev	.0057	.0044	.00886	.0004	.01061	.0076
%RSD	.55303	.42168	.89557	.03852	1.0681	.73829
#1	1.0317	1.0375	.99518	1.0297	1.0006	1.0254
#2	1.0237	1.0314	.98266	1.0302	.98559	1.0362

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 10:14:00 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27621	--	--	--	--	--	--
SDev	36.76955	--	--	--	--	--	--
%RSD	.1331217	--	--	--	--	--	--
#1	27595	--	--	--	--	--	--
#2	27647	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-4-b Operator: SRP
Run Time: 01/25/12 10:14:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05892	.00184	.00213	.08193	.00000	.04044	-.00001
SDev	.00026	.00213	.00005	.00010	.00001	.00082	.00009
%RSD	.44011	115.91	2.2523	.12641	297.62	2.0203	1724.5
#1	.05873	.00334	.00216	.08200	.00001	.04102	.00006
#2	.05910	.00033	.00209	.08186	-.00001	.03986	-.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.715	.00079	.00032	.02387	.61587	.00478	.00015
SDev	.004	.00015	.00053	.00012	.01637	.00001	.00007
%RSD	.03237	18.471	161.84	.49082	2.6576	.17844	45.974
#1	12.712	.00090	.00070	.02395	.62744	.00477	.00010
#2	12.718	.00069	-.00005	.02378	.60429	.00478	.00020

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00369	2.8086	.25287	.00836	.03950	2.7899	2.8333
SDev	.00233	.0004	.00016	.00238	.00077	.0085	.0025
%RSD	63.220	.01594	.06367	28.489	1.9400	.30584	.08998
#1	.00534	2.8083	.25298	.01004	.04004	2.7839	2.8315
#2	.00204	2.8089	.25275	.00668	.03896	2.7959	2.8351

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	18.046	16.425	.10538	.00236	-.00052	.00142
SDev	.00033	.032	.067	.00009	.00466	.00069	.00006
%RSD	658.06	.17644	.40558	.08743	197.19	132.56	4.0981
#1	.00018	18.023	16.378	.10531	.00566	-.00003	.00146
#2	-.00028	18.068	16.473	.10544	-.00093	-.00101	.00137

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.03542	-.00143	.00095	.00005	.00552
SDev	.00020	.00007	.00225	.00102	.00059	.00321
%RSD	20.984	.19612	156.59	107.63	1205.8	58.129
#1	.00108	.03537	-.00302	.00167	.00047	.00778

#2	.00080	.03547	.00015	.00023	-.00037	.00325

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27586	--	--	--	--	--	--
SDev	20.50610	--	--	--	--	--	--
%RSD	.0743365	--	--	--	--	--	--
#1	27571	--	--	--	--	--	--

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 #2      27600     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-49246-a-4-c du     Operator: SRP
Run Time: 01/25/12 10:17:54
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .06642    .00015    .00204    .08081    -.00006   .03946    .00005
 SDev    .01106    .00103    .00220    .00245     .00009   .00123    .00008
 %RSD    16.651    710.74    108.10    3.0367    153.06    3.1243    166.30

 #1      .07424    -.00059   .00048    .08254    -.00012   .04033    .00011
 #2      .05860    .00088    .00360    .07907    .00000    .03859    -.00001

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    12.683    .00089    .00041    .02373    .63275    .00476    -.00026
 SDev      .396    .00014    .00039    .00097    .04610    .00023     .00040
 %RSD    3.1185    16.118    95.362    4.0845    7.2850    4.8766    154.24

 #1      12.963    .00099    .00069    .02441    .66535    .00492    .00002
 #2      12.404    .00078    .00013    .02304    .60016    .00459    -.00054

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00007   2.8130    .25176    .00655    .03975    2.7848    2.8284
 SDev     .00207    .0991    .00791    .00002    .00183     .1257     .0883
 %RSD    2855.1    3.5225    3.1401    .28193    4.6144    4.5147    3.1212

 #1      .00139    2.8831    .25735    .00654    .04104    2.8737    2.8908
 #2      -.00153   2.7430    .24617    .00656    .03845    2.6959    2.7660

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00024   17.841    16.128    .10401    -.00183   -.00031   .00166
 SDev     .00053     .690      .445    .00304     .00088    .00290   .00010
 %RSD    226.23    3.8657    2.7615    2.9197    47.773    927.85    5.8715

 #1      .00014    18.329    16.443    .10616    -.00121   .00174    .00173
 #2      -.00061   17.353    15.813    .10186    -.00245   -.00237   .00159

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00093    .03513    -.00198   .00061    -.00603   .00291

Analysis Report                          01/25/12 10:21:42 AM         page 5


 SDev    .00001    .00102     .00079   .00020     .00411   .00104
 %RSD    1.4368    2.9091    39.969    32.637    68.159    35.823

 #1      .00094    .03585    -.00142   .00075    -.00313   .00365
 #2      .00092    .03441    -.00255   .00047    -.00894   .00217

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    27375     --        --        --        --        --        --
 SDev    743.8763  --        --        --        --        --        --
 %RSD    2.717356  --        --        --        --        --        --
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#1	26849	--	--	--	--	--	--
#2	27901	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-4-d ms Operator: SRP
Run Time: 01/25/12 10:21:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.199	.99986	1.0266	1.0929	.51632	1.0588	.50396
SDev	.005	.00084	.0024	.0009	.00132	.0057	.00094
%RSD	.05265	.08377	.23372	.07788	.25616	.53840	.18664
#1	10.202	.99927	1.0249	1.0935	.51539	1.0548	.50330
#2	10.195	1.0005	1.0283	1.0923	.51726	1.0628	.50463

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.108	1.0109	1.0094	1.0428	11.064	.49582	1.0067
SDev	.049	.0019	.0018	.0008	.012	.00069	.0028
%RSD	.21205	.18564	.17886	.07527	.10982	.13898	.27956
#1	23.073	1.0095	1.0081	1.0434	11.055	.49631	1.0047
#2	23.143	1.0122	1.0107	1.0423	11.072	.49533	1.0087

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0148	12.936	1.2502	1.0377	1.0713	13.239	4.0485
SDev	.0114	.041	.0025	.0045	.0007	.029	.0030
%RSD	1.1256	.31853	.19754	.43699	.06407	.22027	.07347
#1	1.0067	12.907	1.2484	1.0345	1.0718	13.260	4.0464
#2	1.0229	12.965	1.2519	1.0409	1.0708	13.219	4.0506

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51269	28.877	27.284	.61455	1.0269	1.0219	1.0277
SDev	.00075	.025	.056	.00034	.0106	.0001	.0008
%RSD	.14637	.08679	.20614	.05462	1.0321	.01224	.07306
#1	.51216	28.895	27.323	.61479	1.0194	1.0218	1.0272
#2	.51322	28.860	27.244	.61431	1.0344	1.0220	1.0282

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0241	1.0630	.97915	1.0204	.98628	1.0291
SDev	.0011	.0025	.00107	.0037	.01291	.0107
%RSD	.10726	.23177	.10966	.36106	1.3089	1.0377
#1	1.0233	1.0613	.97839	1.0178	.97715	1.0215
#2	1.0249	1.0648	.97990	1.0230	.99541	1.0366

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27679	--	--	--	--	--	--

SDev	90.50967	--	--	--	--	--	--
%RSD	.3269976	--	--	--	--	--	--
#1	27743	--	--	--	--	--	--
#2	27615	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49246-a-4-e msd Operator: SRP
Run Time: 01/25/12 10:25:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.397	1.0173	1.0488	1.1088	.52723	1.0785	.51551
SDev	.042	.0054	.0080	.0035	.00164	.0010	.00202
%RSD	.40755	.53234	.76265	.31903	.31021	.09574	.39107
#1	10.427	1.0211	1.0545	1.1113	.52839	1.0792	.51693
#2	10.367	1.0134	1.0432	1.1063	.52608	1.0778	.51408

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.286	1.0324	1.0296	1.0582	11.365	.50327	1.0275
SDev	.090	.0036	.0026	.0027	.044	.00219	.0023
%RSD	.38471	.34673	.25707	.25731	.38589	.43540	.22677
#1	23.349	1.0349	1.0315	1.0601	11.396	.50482	1.0292
#2	23.223	1.0298	1.0277	1.0562	11.334	.50172	1.0259

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0393	13.120	1.2689	1.0622	1.0814	13.343	4.1113
SDev	.0055	.041	.0041	.0026	.0042	.069	.0081
%RSD	.53016	.31532	.32053	.24386	.38576	.51981	.19689
#1	1.0432	13.149	1.2717	1.0640	1.0844	13.392	4.1170
#2	1.0354	13.090	1.2660	1.0603	1.0785	13.294	4.1056

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52153	28.917	27.252	.62247	1.0473	1.0474	1.0481
SDev	.00163	.157	.127	.00202	.0031	.0022	.0037

%RSD	.31263	.54415	.46625	.32445	.29135	.20858	.35008
#1	.52269	29.028	27.342	.62390	1.0452	1.0489	1.0507
#2	.52038	28.805	27.162	.62104	1.0495	1.0458	1.0455

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0428	1.0845	1.0014	1.0406	1.0080	1.0550
SDev	.0038	.0031	.0043	.0014	.0015	.0075
%RSD	.36352	.28347	.42688	.13049	.14919	.71215
#1	1.0455	1.0867	1.0045	1.0416	1.0091	1.0603
#2	1.0401	1.0824	.99841	1.0396	1.0069	1.0497

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	27694	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1123446	--	--	--	--	--	--
#1	27672	--	--	--	--	--	--
#2	27716	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49228-d-1-a Operator: SRP
Run Time: 01/25/12 10:29:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14351	.00353	.00825	.07519	-.00023	.34821	.00016
SDev	.00207	.00019	.00274	.00031	.00003	.00230	.00011
%RSD	1.4444	5.4505	33.222	.41399	12.953	.66149	65.289
#1	.14205	.00367	.00631	.07541	-.00025	.34984	.00024
#2	.14498	.00340	.01019	.07497	-.00021	.34658	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.781	.00215	.00120	.00274	.15473	.04520	-.00016
SDev	.315	.00066	.00056	.00078	.01439	.00026	.00007
%RSD	.68699	30.682	46.976	28.293	9.3034	.57810	42.485
#1	46.003	.00169	.00160	.00219	.16491	.04539	-.00021
#2	45.559	.00262	.00080	.00329	.14455	.04502	-.00011

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07929	6.1904	.00806	.03516	.00545	16.426	5.3134
SDev	.00242	.0402	.00006	.00234	.00014	.119	.0287
%RSD	3.0514	.64903	.76615	6.6623	2.6511	.72423	.54104
#1	.08100	6.2188	.00801	.03682	.00534	16.510	5.3337
#2	.07758	6.1620	.00810	.03351	.00555	16.342	5.2930

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	1208.0	517.14	.42882	.00526	-.00035	.00109
SDev	.00038	6.1	3.50	.00260	.00137	.00126	.00031
%RSD	721.72	.50310	.67753	.60689	26.124	366.11	28.133
#1	.00032	1212.3	519.62	.43066	.00623	-.00124	.00087
#2	-.00022	1203.7	514.66	.42698	.00429	.00055	.00131

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00840	.06453	-.00187	.00069	.07724	.08032
SDev	.00058	.00033	.00167	.00094	.00571	.00077
%RSD	6.8771	.50958	89.193	136.22	7.3905	.96518
#1	.00800	.06477	-.00069	.00003	.08127	.08087
#2	.00881	.06430	-.00305	.00135	.07320	.07977

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25844	--	--	--	--	--	--
SDev	171.8270	--	--	--	--	--	--
%RSD	.6648492	--	--	--	--	--	--
#1	25723	--	--	--	--	--	--
#2	25966	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49219-e-1-a Operator: SRP
Run Time: 01/25/12 10:33:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29005	.00243	.00987	.07495	-.00015	.21263	.00018
SDev	.00179	.00046	.00113	.00019	.00002	.00004	.00004
%RSD	.61561	18.966	11.408	.25130	10.671	.02022	21.915
#1	.29131	.00211	.01067	.07508	-.00014	.21260	.00015
#2	.28879	.00276	.00907	.07482	-.00016	.21266	.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.446	.00151	.00151	.06602	.26949	.01058	.00062
SDev	.079	.00000	.00025	.00017	.01554	.00002	.00066
%RSD	.16918	.22443	16.564	.26172	5.7657	.20772	107.50
#1	46.501	.00152	.00169	.06615	.28048	.01059	.00109
#2	46.390	.00151	.00133	.06590	.25850	.01056	.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	5.4423	.05663	.00783	.00511	11.783	3.9204
SDev	.00133	.0028	.00009	.00007	.00033	.004	.0058
%RSD	76.164	.05196	.14960	.87096	6.4435	.03274	.14810

#1	.00268	5.4443	.05669	.00778	.00535	11.780	3.9245
#2	.00080	5.4403	.05657	.00788	.00488	11.786	3.9163

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	264.80	188.50	.35093	.00051	.00068	.00090
SDev	.00046	.26	.04	.00027	.00132	.00005	.00001
%RSD	282.01	.09986	.02361	.07616	258.52	6.9121	1.0430
#1	.00049	264.61	188.47	.35112	.00145	.00071	.00090
#2	-.00016	264.98	188.53	.35074	-.00042	.00065	.00089

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00354	.05876	-.00219	.00202	-.00605	.00564
SDev	.00026	.00006	.00146	.00173	.00623	.00112
%RSD	7.3780	.11056	66.746	85.419	103.06	19.938
#1	.00336	.05871	-.00322	.00324	-.00164	.00484
#2	.00373	.05880	-.00116	.00080	-.01045	.00643

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26897	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2471206	--	--	--	--	--	--
#1	26850	--	--	--	--	--	--
#2	26944	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49234-a-1-a Operator: SRP
Run Time: 01/25/12 10:37:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56936	-.00599	.01163	.05210	-.00031	.13409	.00070
SDev	.00553	.00094	.00022	.00015	.00001	.00172	.00005
%RSD	.97152	15.625	1.8700	.29626	1.7387	1.2798	6.7881
#1	.57327	-.00665	.01147	.05221	-.00031	.13531	.00073
#2	.56545	-.00533	.01178	.05199	-.00031	.13288	.00066

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.063	.06254	.00363	.21172	2.2938	.01209	.00425
SDev	.104	.00039	.00126	.00140	.0487	.00011	.00077
%RSD	.31450	.62659	34.530	.66040	2.1226	.89463	18.079
#1	32.990	.06281	.00452	.21271	2.3282	.01202	.00479
#2	33.137	.06226	.00275	.21073	2.2594	.01217	.00371

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00717	2.7692	.04181	.02737	.14663	37.326	5.9808
SDev	.00000	.0092	.00002	.00056	.00055	.237	.0190
%RSD	.04782	.33047	.04993	2.0360	.37732	.63488	.31758
#1	.00717	2.7628	.04180	.02776	.14624	37.493	5.9942
#2	.00717	2.7757	.04183	.02697	.14703	37.158	5.9674

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	12455.	1250.1	.16072	-.00842	.01925	.00592
SDev	.00133	44.	.7	.00054	.00113	.00172	.00030
%RSD	121.45	.35637	.05292	.33555	13.473	8.9611	5.0227
#1	.00204	12486.	1250.6	.16111	-.00761	.02047	.00613
#2	.00015	12423.	1249.6	.16034	-.00922	.01803	.00571

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00403	.56270	.01015	.00130	.02190	-.00020
SDev	.00060	.00015	.00294	.00032	.00261	.00130
%RSD	14.852	.02662	28.942	24.261	11.923	664.41

#1	.00445	.56260	.01222	.00108	.02375	-.00112
#2	.00360	.56281	.00807	.00153	.02005	.00072

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	20550	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.2098903	--	--	--	--	--	--
#1	20520	--	--	--	--	--	--
#2	20581	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49236-c-1-a Operator: SRP
Run Time: 01/25/12 10:41:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.84714	.00162	.00221	.06586	-.00028	.09889	.00004
SDev	.00713	.00315	.00049	.00025	.00002	.00006	.00033
%RSD	.84172	194.11	22.335	.37745	7.2653	.05942	807.54
#1	.84210	-.00061	.00186	.06568	-.00027	.09894	.00027
#2	.85218	.00386	.00255	.06604	-.00030	.09885	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	218.31	.00042	.00154	.00759	.31551	.00953	.00324
SDev	1.14	.00013	.00061	.00012	.06254	.00000	.00037
%RSD	.52079	30.815	39.569	1.6392	19.821	.01256	11.533

#1	219.11	.00051	.00197	.00768	.35973	.00953	.00297
#2	217.51	.00033	.00111	.00750	.27128	.00953	.00350

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00137	74.349	.10454	.00364	.02047	37.887	10.081
SDev	.00006	.169	.00013	.00049	.00153	.127	.045
%RSD	4.3041	.22785	.12757	13.356	7.4825	.33614	.44871
#1	-.00133	74.468	.10464	.00398	.02156	37.797	10.049
#2	-.00141	74.229	.10445	.00330	.01939	37.977	10.113

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	2235.2	639.10	.41487	.00062	.00109	-.00060
SDev	.00147	8.2	8.13	.00130	.00658	.00341	.00005
%RSD	2068.3	.36898	1.2721	.31294	1052.5	313.98	8.7143
#1	.00097	2229.3	633.35	.41395	.00527	.00350	-.00056
#2	-.00111	2241.0	644.85	.41579	-.00402	-.00133	-.00063

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.06404	-.00233	.00602	-.00766	.00177

SDev	.00000	.00034	.00457	.00284	.00387	.00185	
%RSD	.33983	.52933	196.14	47.256	50.531	104.22	
#1	.00120	.06428	.00090	.00401	-.00492	.00047	
#2	.00121	.06380	-.00556	.00803	-.01039	.00308	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25423	--	--	--	--	--	--
SDev	277.1859	--	--	--	--	--	--
%RSD	1.090296	--	--	--	--	--	--
#1	25619	--	--	--	--	--	--
#2	25227	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 10:44:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4864	.49656	.50822	.50552	.51052	.50243	.50630
SDev	.0039	.00050	.00364	.00208	.00249	.00089	.00353
%RSD	.15784	.10064	.71536	.41173	.48760	.17652	.69781
#1	2.4892	.49621	.51079	.50699	.50876	.50180	.50381
#2	2.4837	.49691	.50565	.50405	.51228	.50306	.50880

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.756	.50109	.49886	.50609	2.5774	.47633	.50526
SDev	.086	.00224	.00189	.00186	.0067	.00148	.00055
%RSD	.67093	.44618	.37952	.36763	.25940	.30989	.10955
#1	12.695	.49950	.49752	.50741	2.5821	.47737	.50487
#2	12.816	.50267	.50020	.50478	2.5727	.47529	.50565

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51000	5.0029	.49688	.51647	.51727	12.299	1.0013
SDev	.00343	.0320	.00165	.00488	.00149	.049	.0130
%RSD	.67219	.63931	.33252	.94471	.28768	.39690	1.2939
#1	.51242	4.9803	.49572	.51302	.51622	12.333	1.0105
#2	.50758	5.0256	.49805	.51992	.51833	12.264	.99213

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25187	12.436	11.867	.25399	.51187	.51100	.51603
SDev	.00028	.162	.008	.00078	.00858	.00507	.00040
%RSD	.11055	1.3048	.06990	.30799	1.6756	.99115	.07836
#1	.25168	12.551	11.873	.25454	.50580	.50741	.51574
#2	.25207	12.321	11.861	.25344	.51793	.51458	.51631

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50960	.51424	.48866	.51357	.49380	.51816
SDev	.00068	.00235	.00213	.00024	.00632	.00198
%RSD	.13301	.45740	.43651	.04601	1.2803	.38235
#1	.50912	.51258	.48715	.51373	.49827	.51956
#2	.51008	.51591	.49017	.51340	.48933	.51676

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27890	--	--	--	--	--	--
SDev	211.4249	--	--	--	--	--	--
%RSD	.7580807	--	--	--	--	--	--
#1	28039	--	--	--	--	--	--
#2	27740	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 10:48:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02341	.00318	.00213	.00045	.00018	.00388	.00037
SDev	.00118	.00094	.00040	.00001	.00000	.00002	.00005

%RSD	5.0218	29.627	19.016	2.2184	.60010	.39293	12.788
#1	.02258	.00251	.00241	.00045	.00018	.00387	.00041
#2	.02424	.00385	.00184	.00046	.00018	.00389	.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04696	.00112	.00061	.00068	.01434	.00042	.00013
SDev	.00024	.00021	.00020	.00014	.01649	.00002	.00046
%RSD	.51709	19.149	33.360	20.591	114.96	4.8943	346.78
#1	.04713	.00096	.00047	.00058	.00268	.00044	.00046
#2	.04679	.00127	.00075	.00078	.02600	.00041	-.00019

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00217	.02630	.00044	.00152	.00045	.07206	.00848
SDev	.00034	.00044	.00003	.00095	.00007	.00362	.00380
%RSD	15.636	1.6700	5.6385	62.616	15.224	5.0224	44.814
#1	.00193	.02599	.00042	.00219	.00040	.07462	.01117
#2	.00241	.02661	.00046	.00085	.00050	.06950	.00579

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.10751	.06824	.00030	.00191	.00186	.00060
SDev	.00018	.02197	.00974	.00001	.00026	.00222	.00002
%RSD	319.10	20.431	14.269	4.2988	13.541	119.76	3.9826

#1	.00018	.12305	.07512	.00029	.00209	.00028	.00059
#2	-.00007	.09198	.06135	.00031	.00172	.00343	.00062

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	.00002	-.00247	.00143	-.00518	.00584
SDev	.00025	.00018	.00324	.00231	.00207	.00154
%RSD	21.002	752.48	131.16	161.08	40.059	26.460
#1	.00101	-.00011	-.00476	.00307	-.00371	.00475
#2	.00136	.00015	-.00018	-.00020	-.00664	.00693

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27628	--	--	--	--	--	--
SDev	129.4005	--	--	--	--	--	--
%RSD	.4683589	--	--	--	--	--	--
#1	27537	--	--	--	--	--	--
#2	27720	--	--	--	--	--	--

Analysis Report 01/25/12 10:58:08 AM page 1

Method: 20076010 Sample Name: mb 600-69905/1-a Operator: SRP
Run Time: 01/25/12 10:54:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00493	.00223	.00035	.00188	-.00006	.00151	.00015
SDev	.00055	.00049	.00084	.00003	.00005	.00021	.00012
%RSD	11.156	21.738	236.99	1.5682	91.330	14.227	81.259
#1	.00454	.00189	.00095	.00186	-.00009	.00166	.00023
#2	.00532	.00257	-.00024	.00190	-.00002	.00136	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00578	.00048	.00019	.00043	.00670	.00004	.00029
SDev	.00059	.00005	.00016	.00017	.01227	.00001	.00059
%RSD	10.224	9.7888	83.659	40.451	183.14	29.914	203.58
#1	.00619	.00045	.00030	.00055	.01538	.00005	-.00013
#2	.00536	.00051	.00008	.00031	-.00198	.00003	.00071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	.00445	.00027	.00028	-.00014	.00039	.00114
SDev	.00272	.00373	.00000	.00034	.00091	.01459	.00053
%RSD	448.54	83.759	.38854	120.94	637.08	3701.8	46.952
#1	.00132	.00709	.00027	.00004	.00050	.01071	.00152
#2	-.00253	.00182	.00027	.00052	-.00079	-.00992	.00076

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.05196	.03315	.00027	-.00131	-.00191	.00019
SDev	.00053	.09519	.00128	.00002	.00430	.00068	.00001

%RSD	349.04	183.21	3.8708	6.9862	328.86	35.509	6.8965
#1	.00022	.11927	.03224	.00026	.00173	-.00143	.00018
#2	-.00053	-.01535	.03405	.00028	-.00435	-.00240	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00158	-.00325	.00206	-.00703	.00261
SDev	.00018	.00008	.00051	.00063	.00550	.00134
%RSD	35.663	5.2735	15.617	30.730	78.146	51.302
#1	.00037	.00163	-.00361	.00161	-.00315	.00355
#2	.00062	.00152	-.00289	.00251	-.01092	.00166

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27816	--	--	--	--	--	--
SDev	101.1163	--	--	--	--	--	--
%RSD	.3635118	--	--	--	--	--	--

#1	27745	--	--	--	--	--	--
#2	27888	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-69905/2-a Operator: SRP
Run Time: 01/25/12 10:58:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8252	.98107	1.0118	1.0014	.50586	1.0016	.50505
SDev	.0115	.00683	.0013	.0018	.00083	.0015	.00051
%RSD	.11750	.69609	.12831	.18369	.16481	.14916	.10147
#1	9.8334	.98590	1.0108	1.0027	.50645	1.0005	.50468
#2	9.8171	.97625	1.0127	1.0001	.50527	1.0026	.50541

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.232	.99518	.99373	.99769	10.246	.46639	.99861
SDev	.012	.00130	.00061	.00227	.030	.00092	.00109
%RSD	.11284	.13035	.06160	.22777	.28984	.19773	.10936
#1	10.240	.99610	.99416	.99929	10.267	.46704	.99784
#2	10.224	.99426	.99330	.99608	10.225	.46574	.99938

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0035	9.9464	.98780	1.0175	1.0286	9.8101	.93719
SDev	.0075	.0202	.00166	.0042	.0048	.0191	.00041
%RSD	.74827	.20336	.16816	.41508	.46582	.19436	.04382
#1	.99816	9.9607	.98898	1.0145	1.0320	9.8236	.93690
#2	1.0088	9.9321	.98663	1.0205	1.0252	9.7966	.93748

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50358	9.5023	9.6000	.50396	1.0162	1.0091	1.0091
SDev	.00055	.0169	.0069	.00089	.0039	.0022	.0022
%RSD	.10843	.17834	.07198	.17738	.38752	.21530	.21378
#1	.50397	9.5143	9.6049	.50460	1.0134	1.0076	1.0106
#2	.50320	9.4903	9.5951	.50333	1.0190	1.0107	1.0076

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0068	1.0178	.96910	1.0134	.96840	1.0210
SDev	.0012	.0016	.00178	.0007	.00041	.0111
%RSD	.11933	.15608	.18409	.07362	.04275	1.0828
#1	1.0076	1.0190	.96784	1.0128	.96810	1.0132
#2	1.0059	1.0167	.97036	1.0139	.96869	1.0288

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28002	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0909072	--	--	--	--	--	--
#1	28020	--	--	--	--	--	--
#2	27984	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-17-a Operator: SRP
Run Time: 01/25/12 11:02:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02102	.00300	.00071	.00124	-.00008	.00563	-.00003
SDev	.00093	.00162	.00320	.00001	.00001	.00042	.00007
%RSD	4.4322	54.006	452.14	.86435	16.094	7.5244	258.41
#1	.02036	.00415	.00297	.00125	-.00009	.00593	-.00007
#2	.02167	.00186	-.00156	.00123	-.00007	.00533	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22289	.00043	.00019	-.00008	.14812	.00006	.00121
SDev	.00062	.00017	.00040	.00033	.01020	.00001	.00064
%RSD	.27809	39.560	209.53	399.92	6.8883	17.891	52.636
#1	.22332	.00055	.00047	.00015	.15534	.00007	.00166
#2	.22245	.00031	-.00009	-.00032	.14091	.00006	.00076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00256	.01548	.00150	.00327	.00077	.04514	.02650
SDev	.00012	.00149	.00003	.00101	.00001	.00373	.00170
%RSD	4.4885	9.6113	2.1736	30.752	1.2963	8.2543	6.4158
#1	.00264	.01654	.00152	.00398	.00077	.04777	.02770

#2	.00248	.01443	.00147	.00256	.00076	.04250	.02529

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	.00241	.03616	.00125	.00309	-.00033	.00043
SDev	.00032	.01831	.00043	.00000	.00041	.00008	.00008
%RSD	94.996	759.89	1.1882	.06362	13.267	22.758	17.669
#1	-.00011	.01536	.03646	.00125	.00338	-.00038	.00049
#2	-.00057	-.01054	.03586	.00125	.00280	-.00028	.00038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00152	.00123	.00120	.00177	.00296
SDev	.00018	.00016	.00343	.00076	.00121	.00043
%RSD	45.616	10.575	279.89	63.279	68.143	14.544
#1	.00053	.00164	.00365	.00066	.00262	.00266

#2	.00027	.00141	-.00120	.00174	.00092	.00326	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27851	--	--	--	--	--	--
SDev	104.6518	--	--	--	--	--	--
%RSD	.3757560	--	--	--	--	--	--
#1	27777	--	--	--	--	--	--
#2	27925	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-17-b du Operator: SRP
Run Time: 01/25/12 11:05:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02113	.00195	.00030	.00114	-.00011	.00471	-.00005
SDev	.00011	.00071	.00032	.00002	.00001	.00068	.00049
%RSD	.50876	36.441	107.14	2.1149	10.542	14.344	964.66
#1	.02105	.00245	.00007	.00113	-.00012	.00518	.00029
#2	.02121	.00145	.00052	.00116	-.00010	.00423	-.00040

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22726	.00058	.00011	.00010	.14294	.00004	.00126
SDev	.00298	.00014	.00028	.00014	.02373	.00005	.00069
%RSD	1.3131	24.441	255.09	131.34	16.598	122.08	55.388
#1	.22937	.00048	.00030	.00001	.15972	.00007	.00175
#2	.22515	.00068	-.00009	.00020	.12617	.00001	.00076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	.01642	.00149	.00074	.00031	.04758	.02811
SDev	.00066	.00527	.00003	.00026	.00057	.02885	.00031
%RSD	28.931	32.130	2.3077	35.072	182.18	60.641	1.1081

#1	.00276	.02015	.00152	.00092	.00072	.06799	.02789
#2	.00182	.01269	.00147	.00056	-.00009	.02718	.02833

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.00356	.03383	.00136	-.00289	-.00166	.00049
SDev	.00047	.16418	.00175	.00001	.00138	.00020	.00006
%RSD	170.11	4609.4	5.1836	.72136	47.569	11.985	11.453
#1	.00006	.11965	.03507	.00135	-.00192	-.00152	.00045
#2	-.00061	-.11253	.03259	.00137	-.00387	-.00180	.00053

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00175	-.00087	.00232	-.00560	.00624

SDev	.00009	.00001	.00243	.00017	.00251	.00026
%RSD	20.367	.45164	278.20	7.2995	44.748	4.1323
#1	.00050	.00174	.00084	.00220	-.00383	.00606
#2	.00037	.00175	-.00259	.00244	-.00737	.00642

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27948	--	--	--	--	--	--
SDev	142.8356	--	--	--	--	--	--
%RSD	.5110761	--	--	--	--	--	--
#1	27847	--	--	--	--	--	--
#2	28049	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-17-c ms Operator: SRP
Run Time: 01/25/12 11:09:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7088	.97145	.99589	.99316	.49378	.99112	.49395
SDev	.0222	.00126	.00888	.00505	.00237	.00600	.00213
%RSD	.22860	.12954	.89181	.50861	.47965	.60581	.43199
#1	9.6931	.97056	.98961	.98959	.49210	.98687	.49244
#2	9.7245	.97234	1.0022	.99673	.49545	.99537	.49546

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.224	.97520	.97219	.98647	10.177	.46172	.97905
SDev	.030	.00315	.00290	.00490	.028	.00099	.00517
%RSD	.28901	.32338	.29851	.49623	.27753	.21387	.52830
#1	10.203	.97297	.97013	.98301	10.157	.46102	.97539
#2	10.245	.97743	.97424	.98993	10.197	.46242	.98270

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98404	9.7361	.97045	1.0052	1.0564	9.7537	.95704

SDev	.00783	.0347	.00426	.0089	.0004	.0089	.00372
%RSD	.79556	.35674	.43911	.88956	.03792	.09093	.38860
#1	.97850	9.7115	.96743	.99890	1.0567	9.7474	.95441
#2	.98957	9.7607	.97346	1.0115	1.0562	9.7599	.95967

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49630	9.4675	9.5222	.50068	.99967	.98799	1.0000
SDev	.00237	.0835	.0124	.00204	.00698	.00280	.0046
%RSD	.47775	.88225	.13055	.40721	.69784	.28328	.46232
#1	.49462	9.5266	9.5134	.49924	.99474	.98601	.99676
#2	.49798	9.4085	9.5310	.50213	1.0046	.98997	1.0033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98977	.99812	.94540	.99587	.95159	1.0003
SDev	.00417	.00457	.00426	.00563	.00235	.0106
%RSD	.42107	.45808	.45115	.56491	.24714	1.0564
#1	.98683	.99488	.94238	.99189	.94992	.99279
#2	.99272	1.0014	.94842	.99985	.95325	1.0077

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27801	--	--	--	--	--	--
SDev	142.8356	--	--	--	--	--	--
%RSD	.5137785	--	--	--	--	--	--
#1	27902	--	--	--	--	--	--
#2	27700	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48624-a-17-d msd Operator: SRP
Run Time: 01/25/12 11:13:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9119	.99357	1.0196	1.0152	.50684	1.0114	.50871
SDev	.0081	.00162	.0016	.0006	.00159	.0016	.00198
%RSD	.08187	.16262	.15577	.05558	.31309	.15362	.38957
#1	9.9176	.99243	1.0208	1.0156	.50796	1.0125	.51011
#2	9.9061	.99471	1.0185	1.0148	.50571	1.0103	.50730

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.517	.99889	.99596	1.0024	10.445	.47025	1.0042
SDev	.036	.00344	.00359	.0009	.033	.00003	.0012
%RSD	.34371	.34456	.36052	.08702	.31773	.00545	.12141
#1	10.543	1.0013	.99850	1.0030	10.468	.47024	1.0050
#2	10.492	.99645	.99342	1.0018	10.422	.47027	1.0033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0086	9.9817	.99381	1.0306	1.0837	9.9196	.97732
SDev	.0024	.0208	.00268	.0001	.0049	.0066	.00230
%RSD	.24227	.20883	.27003	.01150	.45136	.06642	.23525
#1	1.0103	9.9964	.99570	1.0306	1.0803	9.9149	.97895
#2	1.0068	9.9669	.99191	1.0305	1.0872	9.9242	.97570

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50582	9.7330	9.7314	.51025	1.0280	1.0089	1.0190
SDev	.00064	.1277	.0084	.00060	.0036	.0017	.0016

%RSD	.12608	1.3118	.08587	.11667	.34972	.17101	.15526
#1	.50627	9.8233	9.7255	.51067	1.0255	1.0101	1.0201
#2	.50537	9.6427	9.7373	.50983	1.0306	1.0077	1.0179

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0125	1.0243	.96723	1.0226	.97223	1.0267
SDev	.0027	.0019	.00193	.0009	.00124	.0043
%RSD	.26658	.18902	.19907	.08468	.12757	.41738
#1	1.0144	1.0257	.96860	1.0233	.97136	1.0298
#2	1.0106	1.0230	.96587	1.0220	.97311	1.0237

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27706	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.0612523	--	--	--	--	--	--
#1	27694	--	--	--	--	--	--
#2	27718	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48593-a-1-e Operator: SRP
Run Time: 01/25/12 11:17:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8927	.00210	.00609	.12451	.00034	.03324	.00012
SDev	.0089	.00063	.00122	.00034	.00003	.00101	.00014
%RSD	.30739	29.918	20.099	.27085	9.2114	3.0299	120.29
#1	2.8989	.00166	.00695	.12475	.00036	.03395	.00021
#2	2.8864	.00254	.00522	.12427	.00032	.03253	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.756	.00396	.00167	.00838	1.7013	.00264	.01967
SDev	.235	.00021	.00008	.00010	.0146	.00002	.00005
%RSD	.42115	5.2042	4.9729	1.2172	.85958	.57891	.23049
#1	55.922	.00382	.00173	.00845	1.7117	.00265	.01971
#2	55.590	.00411	.00161	.00831	1.6910	.00263	.01964

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	3.8786	.11272	.00495	.00410	1.2166	7.0201
SDev	.00261	.0237	.00046	.00153	.00011	.0099	.0252
%RSD	190.96	.61178	.41065	30.899	2.6234	.81427	.35858
#1	.00322	3.8954	.11305	.00604	.00418	1.2236	7.0379
#2	-.00048	3.8618	.11239	.00387	.00403	1.2096	7.0023

Analysis Report 01/25/12 11:21:16 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	8.0029	7.5448	.12721	.00070	-.00213	.02711
SDev	.00009	.0341	.0003	.00026	.00332	.00018	.00019
%RSD	20.378	.42660	.00435	.20358	477.66	8.5952	.68603
#1	-.00037	8.0271	7.5446	.12740	.00304	-.00226	.02724
#2	-.00049	7.9788	7.5450	.12703	-.00165	-.00200	.02698

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01230	.04581	.01706	.02098	-.00498	.00454
SDev	.00014	.00017	.00023	.00005	.00111	.00336
%RSD	1.1314	.38246	1.3261	.21483	22.339	74.033
#1	.01240	.04593	.01722	.02095	-.00419	.00692
#2	.01220	.04568	.01690	.02102	-.00577	.00217

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27626	--	--	--	--	--	--
SDev	86.97414	--	--	--	--	--	--
%RSD	.3148328	--	--	--	--	--	--
#1	27564	--	--	--	--	--	--
#2	27687	--	--	--	--	--	--

Analysis Report 01/25/12 11:26:20 AM page 1

Method: 20076010 Sample Name: 600-48593-a-2-b Operator: SRP
Run Time: 01/25/12 11:22:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2976	.00345	.00195	.04121	-.00008	.05075	.00009
SDev	.0022	.00039	.00130	.00026	.00001	.00003	.00019
%RSD	.16833	11.347	66.623	.62436	9.3584	.05236	213.30
#1	1.2992	.00373	.00286	.04139	-.00009	.05077	.00023
#2	1.2961	.00318	.00103	.04103	-.00008	.05073	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.576	.00171	.00061	.00494	.87299	.00109	.00092

SDev	.073	.00004	.00004	.00013	.01320	.00000	.00001
%RSD	.43979	2.4945	6.3525	2.5624	1.5122	.00333	1.3127
#1	16.628	.00168	.00064	.00503	.88232	.00109	.00093
#2	16.524	.00174	.00059	.00485	.86365	.00109	.00092

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	3.7106	.04181	.00636	.00253	4.0578	6.1293
SDev	.00180	.0208	.00015	.00008	.00003	.0124	.0277
%RSD	235.23	.56010	.35952	1.2659	1.2597	.30602	.45113
#1	.00204	3.7253	.04192	.00642	.00251	4.0666	6.1489
#2	-.00051	3.6960	.04171	.00630	.00256	4.0491	6.1098

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	45.152	40.268	.05096	.00057	-.00057	.01206
SDev	.00018	.165	.051	.00026	.00098	.00063	.00017
%RSD	39.278	.36485	.12698	.51595	173.04	110.69	1.3915
#1	-.00033	45.269	40.304	.05115	.00126	-.00012	.01218
#2	-.00058	45.036	40.231	.05078	-.00013	-.00101	.01194

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00644	.01637	-.00310	.00294	-.00364	.00297
SDev	.00002	.00025	.00103	.00053	.00366	.00087
%RSD	.34755	1.5019	33.151	18.124	100.35	29.426
#1	.00646	.01655	-.00383	.00332	-.00106	.00359
#2	.00643	.01620	-.00238	.00256	-.00623	.00235

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27732	--	--	--	--	--	--
SDev	99.70206	--	--	--	--	--	--
%RSD	.3595264	--	--	--	--	--	--

#1	27661	--	--	--	--	--	--
#2	27802	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48607-b-1-b Operator: SRP
Run Time: 01/25/12 11:26:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77573	.00234	.00346	.05657	-.00009	.07703	.00119
SDev	.00409	.00093	.00027	.00020	.00000	.00123	.00005
%RSD	.52773	39.906	7.7931	.34981	2.4897	1.5962	4.4373
#1	.77863	.00168	.00365	.05671	-.00009	.07790	.00122
#2	.77284	.00300	.00327	.05643	-.00009	.07616	.00115

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.662	.00215	.00079	.08230	.91639	.00432	.06383
SDev	.083	.00010	.00028	.00004	.00936	.00003	.00075
%RSD	.31132	4.7021	35.251	.05235	1.0217	.66509	1.1803
#1	26.720	.00222	.00059	.08227	.92301	.00434	.06436
#2	26.603	.00208	.00098	.08233	.90977	.00430	.06330

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	2.0188	.04449	.00598	.00443	2.2050	2.8091
SDev	.00078	.0075	.00019	.00034	.00016	.0035	.0073
%RSD	150.51	.37196	.43203	5.7479	3.6867	.15866	.25993
#1	-.00106	2.0241	.04463	.00574	.00455	2.2075	2.8142
#2	.00003	2.0134	.04435	.00623	.00432	2.2025	2.8039

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	3.4820	3.1856	.09338	-.00069	.00117	.01168
SDev	.00032	.0684	.0005	.00026	.00125	.00025	.00002
%RSD	84.857	1.9657	.01644	.27436	180.53	21.149	.12818
#1	-.00015	3.4336	3.1853	.09356	.00019	.00100	.01169
#2	-.00060	3.5304	3.1860	.09319	-.00158	.00135	.01167

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00296	.27524	.05769	.06690	-.00462	.00154
SDev	.00001	.00117	.00054	.00086	.00972	.00369
%RSD	.15637	.42434	.93172	1.2875	210.21	240.26
#1	.00296	.27606	.05807	.06751	-.01149	.00415
#2	.00295	.27441	.05731	.06629	.00225	-.00107

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 11:30:11 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28242	--	--	--	--	--	--
SDev	88.38835	--	--	--	--	--	--
%RSD	.3129622	--	--	--	--	--	--
#1	28180	--	--	--	--	--	--
#2	28305	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48607-b-2-b Operator: SRP
Run Time: 01/25/12 11:30:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0385	.00152	.00353	.07243	-.00009	.07573	.00132
SDev	.0023	.00031	.00396	.00024	.00000	.00019	.00017
%RSD	.22238	20.533	112.09	.32640	4.1520	.25809	12.974

#1	1.0368	.00174	.00073	.07226	-.00009	.07559	.00144
#2	1.0401	.00130	.00634	.07259	-.00009	.07586	.00120

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.922	.00263	.00081	.13639	1.3004	.00442	.09767
SDev	.051	.00005	.00008	.00024	.0034	.00003	.00013
%RSD	.17101	1.9123	9.7556	.17974	.26392	.61306	.13252

#1	29.886	.00259	.00087	.13622	1.2980	.00441	.09758
#2	29.958	.00266	.00076	.13657	1.3028	.00444	.09776

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	2.2871	.05903	.00519	.00661	2.2448	3.2118
SDev	.00066	.0020	.00009	.00079	.00014	.0121	.0039
%RSD	112.91	.08570	.15297	15.232	2.0590	.54119	.12111

#1	.00105	2.2857	.05896	.00463	.00671	2.2362	3.2090
#2	.00012	2.2885	.05909	.00575	.00652	2.2534	3.2145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	3.5404	3.3187	.09804	-.00225	.00331	.01527
SDev	.00050	.0067	.0076	.00033	.00113	.00074	.00031
%RSD	559.33	.19025	.22856	.33355	50.197	22.295	2.0235

#1	.00026	3.5357	3.3133	.09781	-.00305	.00279	.01549
#2	-.00044	3.5452	3.3241	.09828	-.00145	.00383	.01505

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00326	.40154	.09165	.10068	-.00427	.00301
SDev	.00010	.00016	.00228	.00095	.00457	.00130
%RSD	2.9495	.03909	2.4887	.93986	106.97	43.072

#1	.00319	.40143	.09003	.10135	-.00104	.00210

#2	.00333	.40165	.09326	.10001	-.00751	.00393

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28162	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.1079648	--	--	--	--	--	--

#1	28184	--	--	--	--	--	--
#2	28141	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 11:34:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4513	.49081	.49729	.49448	.48985	.49218	.49518
SDev	.0054	.00084	.00072	.00049	.00014	.00002	.00037

%RSD	.21837	.17004	.14514	.09928	.02946	.00367	.07455
#1	2.4551	.49140	.49678	.49483	.48995	.49217	.49492
#2	2.4475	.49022	.49780	.49413	.48975	.49219	.49544

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.471	.48414	.48007	.48891	2.5051	.46717	.48783
SDev	.002	.00068	.00014	.00044	.0031	.00048	.00164
%RSD	.01817	.13983	.02811	.08977	.12367	.10216	.33641
#1	12.473	.48366	.47998	.48922	2.5029	.46750	.48899
#2	12.469	.48462	.48017	.48860	2.5073	.46683	.48667

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49654	4.8510	.48140	.49797	.53239	12.068	.92239
SDev	.00053	.0048	.00016	.00345	.00276	.006	.00158
%RSD	.10721	.09991	.03402	.69316	.51748	.05295	.17091
#1	.49692	4.8545	.48151	.49553	.53433	12.072	.92351
#2	.49617	4.8476	.48128	.50041	.53044	12.063	.92128

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24509	12.241	11.827	.24917	.49789	.49490	.50091
SDev	.00002	.071	.015	.00015	.00119	.00532	.00053
%RSD	.00748	.58367	.12958	.05986	.23808	1.0741	.10660
#1	.24511	12.292	11.837	.24928	.49705	.49114	.50129
#2	.24508	12.191	11.816	.24907	.49873	.49866	.50053

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49220	.50308	.46920	.49715	.47222	.50876

SDev	.00015	.00017	.00172	.00160	.00021	.00090	
%RSD	.03151	.03484	.36689	.32203	.04411	.17743	
#1	.49231	.50321	.47041	.49828	.47207	.50940	
#2	.49210	.50296	.46798	.49602	.47236	.50812	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27485	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0565994	--	--	--	--	--	--
#1	27474	--	--	--	--	--	--
#2	27496	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 11:37:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.01460	.00059	-.00050	.00026	.00005	.00262	.00018
SDev	.00208	.00129	.00054	.00008	.00002	.00077	.00004
%RSD	14.243	221.15	107.92	29.604	33.109	29.276	23.658
#1	.01607	.00150	-.00088	.00031	.00006	.00316	.00021
#2	.01313	-.00033	-.00012	.00020	.00004	.00207	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00367	.00029	.00013	-.00076	-.01075	.00024	-.00036
SDev	.00162	.00051	.00040	.00014	.01539	.00005	.00059
%RSD	44.233	172.64	300.03	18.479	143.15	21.761	166.21
#1	.00481	.00065	.00041	-.00066	.00013	.00028	-.00078
#2	.00252	-.00006	-.00015	-.00086	-.02164	.00020	.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.02513	.00019	.00125	.00083	.09268	-.00707
SDev	.00132	.00185	.00011	.00137	.00021	.01425	.00170
%RSD	794.12	7.3460	57.094	109.76	25.621	15.372	23.986
#1	.00110	.02643	.00027	.00221	.00098	.10276	-.00587
#2	-.00077	.02382	.00011	.00028	.00068	.08261	-.00827

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.03594	.00632	.00015	.00155	-.00056	.00029
SDev	.00015	.13613	.00166	.00003	.00054	.00057	.00017
%RSD	67.909	378.82	26.245	20.913	34.976	101.89	60.801
#1	-.00011	.06032	.00749	.00017	.00193	-.00016	.00041
#2	-.00032	-.13220	.00515	.00013	.00117	-.00095	.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	-.00011	-.00138	.00015	-.00306	.00178
SDev	.00019	.00003	.00014	.00082	.00030	.00213
%RSD	37.113	30.294	10.275	535.50	9.8496	119.87
#1	.00063	-.00013	-.00148	-.00043	-.00327	.00329
#2	.00037	-.00008	-.00128	.00073	-.00285	.00027

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27822	--	--	--	--	--	--
SDev	126.5721	--	--	--	--	--	--
%RSD	.4549435	--	--	--	--	--	--
#1	27732	--	--	--	--	--	--
#2	27911	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48607-b-3-b Operator: SRP
Run Time: 01/25/12 11:41:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2187	.00439	.00459	.08597	-.00008	.08348	.00131
SDev	.0017	.00134	.00253	.00010	.00000	.00066	.00003
%RSD	.13555	30.448	55.149	.11819	2.4378	.78963	2.6311
#1	1.2175	.00534	.00280	.08589	-.00008	.08302	.00128
#2	1.2199	.00344	.00638	.08604	-.00008	.08395	.00133

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.927	.00828	.00115	.12443	1.8907	.00505	.11413
SDev	.023	.00030	.00032	.00013	.0137	.00001	.00001
%RSD	.07323	3.6792	28.118	.10768	.72377	.24957	.01126
#1	30.943	.00806	.00138	.12453	1.9004	.00504	.11412
#2	30.911	.00849	.00093	.12434	1.8811	.00506	.11414

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00269	2.5642	.07132	.00559	.00832	2.5233	3.5162
SDev	.00227	.0028	.00008	.00019	.00031	.0042	.0025
%RSD	84.549	.10738	.10882	3.4465	3.7302	.16620	.07167
#1	.00430	2.5661	.07126	.00572	.00854	2.5262	3.5144
#2	.00108	2.5622	.07137	.00545	.00810	2.5203	3.5180

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	3.8305	3.4276	.10327	-.00162	.00492	.01843
SDev	.00033	.0335	.0003	.00012	.00045	.00111	.00038

%RSD	352.40	.87462	.00787	.11573	27.977	22.482	2.0383
#1	.00014	3.8542	3.4278	.10318	-.00130	.00570	.01817
#2	-.00033	3.8068	3.4274	.10335	-.00194	.00414	.01870

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00426	.45144	.10739	.11751	-.00227	.00517
SDev	.00035	.00068	.00139	.00072	.00100	.00291
%RSD	8.3089	.15071	1.2994	.61017	44.126	56.332
#1	.00401	.45096	.10837	.11700	-.00156	.00723
#2	.00451	.45192	.10640	.11801	-.00297	.00311

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27482	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1466573	--	--	--	--	--	--
#1	27511	--	--	--	--	--	--
#2	27454	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48618-b-1-e Operator: SRP
Run Time: 01/25/12 11:45:39
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19632	.00091	.00155	.03581	.00052	.03208	-.00016
SDev	.00263	.00507	.00253	.00025	.00006	.00174	.00023
%RSD	1.3382	554.14	162.98	.69667	10.475	5.4120	150.22
#1	.19818	.00450	.00334	.03598	.00056	.03331	.00001
#2	.19446	-.00267	-.00024	.03563	.00048	.03085	-.00032

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	198.21	.00148	-.00134	.00346	.27546	.00144	.00833
SDev	5.65	.00096	.00129	.00071	.06466	.00009	.00009
%RSD	2.8520	65.105	96.386	20.520	23.474	6.5330	1.0472
#1	202.20	.00216	-.00043	.00396	.32118	.00151	.00827
#2	194.21	.00080	-.00225	.00296	.22973	.00137	.00840

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.31911	.01263	.00424	.00335	.22552	.66654
SDev	.00335	.01702	.00032	.00114	.00067	.04541	.01060
%RSD	449.35	5.3349	2.4964	26.801	20.087	20.135	1.5902
#1	.00312	.33115	.01285	.00505	.00382	.25763	.67403
#2	-.00163	.30707	.01241	.00344	.00287	.19341	.65904

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00233	.80073	1.2558	.10425	-.00228	-.00213	.00592
SDev	.00179	.34806	.0042	.00048	.00091	.00320	.00033
%RSD	76.722	43.468	.33058	.46224	40.128	149.88	5.6268
#1	-.00107	1.0468	1.2587	.10459	-.00163	.00013	.00615
#2	-.00359	.55461	1.2528	.10391	-.00293	-.00439	.00568

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.02762	.00131	.01185	-.00938	.00581
SDev	.00092	.00066	.00568	.00297	.00716	.00145
%RSD	112.81	2.3935	433.46	25.076	76.318	24.977
#1	.00147	.02808	.00533	.00975	-.00432	.00684
#2	.00017	.02715	-.00271	.01395	-.01444	.00478

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28988	--	--	--	--	--	--
SDev	220.6173	--	--	--	--	--	--
%RSD	.7610643	--	--	--	--	--	--
#1	29144	--	--	--	--	--	--
#2	28832	--	--	--	--	--	--

Analysis Report 01/25/12 11:54:19 AM page 1

Method: 20076010 Sample Name: 600-48619-a-2-b Operator: SRP
Run Time: 01/25/12 11:50:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61600	.00151	.00081	.06145	-.00011	.01561	.00008
SDev	.00040	.00105	.00022	.00017	.00000	.00053	.00022
%RSD	.06438	69.887	26.885	.27886	4.0387	3.3711	256.05
#1	.61572	.00076	.00066	.06132	-.00011	.01524	-.00007
#2	.61628	.00225	.00097	.06157	-.00012	.01598	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.459	.00125	.00073	.00228	.58625	.00257	.00106
SDev	.127	.00024	.00004	.00002	.00402	.00006	.00047
%RSD	.44510	19.367	5.5402	.95206	.68569	2.2554	44.461
#1	28.369	.00108	.00076	.00226	.58909	.00252	.00139
#2	28.548	.00142	.00070	.00229	.58341	.00261	.00073

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	1.7157	.00876	.00126	.00180	1.3794	3.9651
SDev	.00118	.0125	.00014	.00001	.00016	.0211	.0031
%RSD	184.72	.72669	1.5842	.43555	9.1963	1.5263	.07779
#1	-.00020	1.7069	.00866	.00126	.00168	1.3645	3.9629
#2	.00147	1.7245	.00886	.00127	.00192	1.3943	3.9673

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	7.4790	6.7874	.05603	-.00269	-.00194	.00359
SDev	.00018	.0357	.0200	.00011	.00076	.00016	.00010
%RSD	91.940	.47715	.29472	.19468	28.118	8.0766	2.7785
#1	-.00007	7.5042	6.8015	.05595	-.00216	-.00205	.00352
#2	-.00032	7.4537	6.7732	.05611	-.00323	-.00183	.00366

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00261	.07587	-.00113	.00216	-.00330	.00261
SDev	.00026	.00036	.00029	.00056	.00376	.00011
%RSD	10.117	.47915	25.409	26.159	114.07	4.1733
#1	.00242	.07562	-.00093	.00255	-.00595	.00268
#2	.00280	.07613	-.00133	.00176	-.00064	.00253

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28226	--	--	--	--	--	--
SDev	106.0660	--	--	--	--	--	--
%RSD	.3757742	--	--	--	--	--	--

Analysis Report 01/25/12 11:54:19 AM page 2

#1	28301	--	--	--	--	--	--
#2	28151	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48611-c-1-b Operator: SRP
Run Time: 01/25/12 11:54:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28320	.00164	.00014	.02390	-.00010	.01417	.00002
SDev	.00124	.00261	.00133	.00000	.00001	.00031	.00002
%RSD	.43754	159.17	935.03	.01483	9.0934	2.1817	89.320
#1	.28408	-.00021	-.00080	.02390	-.00010	.01439	.00004
#2	.28232	.00348	.00108	.02390	-.00009	.01395	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1532	.00038	.00003	.00189	.16153	.00024	.00393
SDev	.0116	.00005	.00055	.00015	.01353	.00003	.00053
%RSD	.28043	13.039	1945.2	8.1710	8.3780	11.348	13.606
#1	4.1615	.00041	.00042	.00200	.17110	.00026	.00431
#2	4.1450	.00034	-.00036	.00178	.15196	.00022	.00355

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	.96599	.01876	.00040	.00047	3.7746	1.4558
SDev	.00149	.00734	.00007	.00034	.00028	.0243	.0034
%RSD	109.45	.76036	.37026	85.882	59.172	.64455	.23387
#1	.00031	.97118	.01881	.00064	.00027	3.7918	1.4582
#2	.00242	.96080	.01872	.00016	.00067	3.7574	1.4534

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	1.2506	1.2056	.01210	-.00337	-.00007	.00280
SDev	.00076	.1097	.0042	.00001	.00393	.00050	.00010
%RSD	145.29	8.7686	.34935	.05011	116.85	687.86	3.5743
#1	.00001	1.3281	1.2086	.01209	-.00615	.00028	.00288
#2	-.00106	1.1730	1.2026	.01210	-.00058	-.00043	.00273

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	.04456	.00010	.00585	-.00681	.00545
SDev	.00018	.00004	.00299	.00069	.00045	.00202
%RSD	7.6121	.09606	3000.9	11.839	6.6002	36.963
#1	.00256	.04459	.00221	.00536	-.00713	.00403
#2	.00230	.04453	-.00201	.00634	-.00650	.00688

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	28080	--	--	--	--	--	--
SDev	143.5427	--	--	--	--	--	--
%RSD	.5111828	--	--	--	--	--	--
#1	27979	--	--	--	--	--	--
#2	28182	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48611-c-2-b Operator: SRP
Run Time: 01/25/12 11:58:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56942	.00260	.00289	.07627	-.00012	.01974	.00004
SDev	.00093	.00032	.00000	.00006	.00002	.00017	.00028
%RSD	.16377	12.146	.06028	.08586	15.191	.85711	663.50
#1	.56876	.00283	.00289	.07632	-.00013	.01962	-.00015
#2	.57008	.00238	.00290	.07622	-.00011	.01986	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.247	.00140	.00068	.00327	.63543	.00017	.00160
SDev	.010	.00017	.00012	.00022	.00628	.00000	.00051
%RSD	.08297	11.887	17.563	6.6890	.98838	1.1790	31.986
#1	12.240	.00128	.00059	.00312	.63099	.00018	.00196
#2	12.254	.00151	.00076	.00343	.63987	.00017	.00124

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00172	1.1086	.01123	.00227	.00141	1.5789	2.1194
SDev	.00084	.0028	.00005	.00042	.00035	.0002	.0018
%RSD	48.736	.24833	.47120	18.472	24.887	.01049	.08280
#1	.00231	1.1105	.01120	.00197	.00166	1.5790	2.1206
#2	.00113	1.1066	.01127	.00257	.00116	1.5788	2.1181

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	1.6494	1.5237	.02463	-.00339	.00011	.01075
SDev	.00026	.0031	.0026	.00002	.00199	.00030	.00057
%RSD	297.91	.19074	.16940	.08813	58.807	263.49	5.2861
#1	-.00027	1.6516	1.5256	.02465	-.00198	.00032	.01034
#2	.00010	1.6471	1.5219	.02462	-.00480	-.00010	.01115

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00292	.16835	-.00041	.00260	-.00545	.00531
SDev	.00017	.00014	.00193	.00020	.00225	.00238
%RSD	5.9726	.08237	472.82	7.6096	41.313	44.922
#1	.00280	.16845	.00096	.00246	-.00705	.00699

#2	.00304	.16825	-.00177	.00274	-.00386	.00362
IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28240	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	28240	--	--	--	--	--	--
#2	28240	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 12:02:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4426	.49153	.49561	.49193	.48783	.49296	.49993
SDev	.0073	.00152	.00670	.00213	.00103	.00129	.00003
%RSD	.30045	.30859	1.3515	.43362	.21131	.26166	.00623
#1	2.4478	.49045	.50035	.49344	.48855	.49387	.49991
#2	2.4374	.49260	.49088	.49042	.48710	.49204	.49995

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.457	.48342	.47987	.48566	2.5119	.46655	.48696
SDev	.016	.00063	.00097	.00147	.0036	.00207	.00025
%RSD	.13040	.13050	.20219	.30237	.14207	.44426	.05101
#1	12.468	.48387	.48056	.48669	2.5145	.46802	.48714
#2	12.445	.48297	.47919	.48462	2.5094	.46509	.48679

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49077	4.8425	.48105	.50017	.55182	12.032	.92264
SDev	.00059	.0080	.00120	.00290	.00040	.057	.00189
%RSD	.12027	.16532	.24915	.58064	.07271	.47226	.20487
#1	.49119	4.8482	.48190	.49811	.55211	12.072	.92398
#2	.49035	4.8368	.48021	.50222	.55154	11.992	.92131

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24468	12.454	11.883	.24851	.50365	.49807	.49976
SDev	.00065	.036	.053	.00090	.00151	.00220	.00127
%RSD	.26407	.29054	.44809	.36387	.29972	.44107	.25377
#1	.24513	12.480	11.921	.24915	.50259	.49963	.50066
#2	.24422	12.429	11.845	.24787	.50472	.49652	.49887

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49074	.50337	.46705	.49692	.47211	.50015

SDev	.00157	.00169	.00039	.00057	.00119	.00029
%RSD	.31963	.33556	.08341	.11418	.25095	.05862
#1	.49184	.50456	.46678	.49732	.47295	.50036
#2	.48963	.50217	.46733	.49652	.47128	.49995

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28204	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0125358	--	--	--	--	--	--
#1	28201	--	--	--	--	--	--
#2	28206	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 12:05:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01878	.00096	-.00026	.00056	.00006	.00238	.00022
SDev	.00332	.00275	.00173	.00023	.00013	.00005	.00026
%RSD	17.682	285.90	653.97	40.645	235.62	2.2698	119.92
#1	.01643	-.00098	-.00149	.00040	-.00004	.00234	.00003
#2	.02113	.00290	.00096	.00072	.00015	.00241	.00040

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01357	.00067	.00011	-.00052	-.01092	.00024	.00082
SDev	.00399	.00065	.00028	.00036	.00444	.00019	.00052
%RSD	29.402	97.563	259.46	68.678	40.662	76.438	64.035
#1	.01075	.00021	-.00009	-.00078	-.01406	.00011	.00045
#2	.01639	.00113	.00030	-.00027	-.00778	.00038	.00118

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.01854	.00034	.00138	.00056	.06718	-.00654
SDev	.00242	.00801	.00021	.00132	.00024	.04027	.00164
%RSD	218.99	43.227	63.200	96.133	42.441	59.945	25.023
#1	-.00061	.01287	.00019	.00231	.00039	.03870	-.00770
#2	.00281	.02421	.00049	.00044	.00073	.09566	-.00538

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.08942	.00261	.00025	-.00016	-.00064	.00042
SDev	.00006	.01074	.00586	.00011	.00126	.00028	.00030
%RSD	30.945	12.008	224.24	45.208	813.28	42.792	71.548
#1	-.00015	-.08183	-.00153	.00017	-.00105	-.00045	.00021
#2	-.00024	-.09701	.00676	.00033	.00074	-.00084	.00064

Analysis Report Blank Sample 01/25/12 12:09:43 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00011	-.00063	.00154	-.00434	.00383
SDev	.00025	.00031	.00309	.00233	.00359	.00542
%RSD	35.980	274.77	489.24	151.22	82.636	141.60

#1	.00051	-.00011	.00155	-.00011	-.00181	-.00000
#2	.00086	.00033	-.00281	.00318	-.00688	.00766

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27914	--	--	--	--	--	--
SDev	106.0660	--	--	--	--	--	--
%RSD	.3799743	--	--	--	--	--	--
#1	27989	--	--	--	--	--	--
#2	27839	--	--	--	--	--	--

Analysis Report 01/25/12 12:14:25 PM page 1

Method: 20076010 Sample Name: mb 600-70739/1-a Operator: SRP
Run Time: 01/25/12 12:10:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01542	.00090	-.00137	.00094	-.00011	.00142	.00011
SDev	.00103	.00172	.00093	.00010	.00011	.00039	.00016
%RSD	6.6992	190.24	68.250	10.104	100.08	27.126	146.26
#1	.01615	.00212	-.00071	.00088	-.00019	.00170	.00023
#2	.01469	-.00031	-.00203	.00101	-.00003	.00115	-.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01023	.00036	.00050	.00084	.00788	.00021	-.00026
SDev	.00231	.00022	.00036	.00031	.02764	.00010	.00078
%RSD	22.620	60.229	72.946	36.592	350.91	48.253	307.47
#1	-.01187	.00021	.00075	.00062	.02742	.00014	-.00081
#2	-.00860	.00052	.00024	.00106	-.01167	.00028	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	.02812	.00025	.00055	.00053	.11634	-.00622
SDev	.00238	.00097	.00019	.00060	.00064	.00269	.00012
%RSD	459.05	3.4364	75.954	109.91	120.95	2.3163	1.8809
#1	.00116	.02744	.00011	.00097	.00098	.11824	-.00614
#2	-.00220	.02880	.00038	.00012	.00008	.11443	-.00630

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.03710	.00410	.00003	-.00057	.00034	.00034
SDev	.00024	.17973	.00213	.00006	.00177	.00218	.00009
%RSD	243.26	484.43	51.807	247.92	311.13	645.41	26.708
#1	.00027	.16419	.00260	-.00002	-.00182	.00188	.00027
#2	-.00007	-.08999	.00561	.00007	.00068	-.00121	.00040

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00485	-.00395	.00159	-.00775	.00310
SDev	.00017	.00016	.00030	.00103	.00530	.00092
%RSD	27.097	3.3900	7.5835	64.596	68.429	29.667

#1	.00050	.00473	-.00416	.00086	-.00400	.00374
#2	.00074	.00496	-.00374	.00232	-.01149	.00245

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27618	--	--	--	--	--	--
SDev	61.51829	--	--	--	--	--	--
%RSD	.2227511	--	--	--	--	--	--

#1	27574	--	--	--	--	--
#2	27661	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70739/2-a Operator: SRP
Run Time: 01/25/12 12:14:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6402	.97501	.99971	.98407	.48928	.99355	.50024
SDev	.0244	.00347	.00162	.00240	.00132	.00160	.00106
%RSD	.25295	.35534	.16164	.24399	.27048	.16140	.21260
#1	9.6574	.97746	1.0009	.98576	.49022	.99469	.50099
#2	9.6229	.97256	.99857	.98237	.48835	.99242	.49949

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.051	.96801	.96485	.96545	10.081	.45863	.97982
SDev	.020	.00287	.00334	.00416	.039	.00104	.00368
%RSD	.19777	.29701	.34615	.43080	.38684	.22717	.37548
#1	10.065	.97004	.96721	.96839	10.109	.45937	.98242
#2	10.037	.96597	.96249	.96251	10.054	.45789	.97722

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99020	9.7221	.96580	1.0041	1.1107	9.6567	.90967
SDev	.00077	.0268	.00245	.0012	.0063	.0259	.00027
%RSD	.07745	.27564	.25329	.12337	.56429	.26783	.02957
#1	.98966	9.7410	.96753	1.0033	1.1151	9.6750	.90948
#2	.99075	9.7031	.96407	1.0050	1.1062	9.6385	.90986

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49338	9.5104	9.4471	.49630	1.0153	.98772	.99118
SDev	.00170	.1218	.0253	.00143	.0096	.00235	.00248
%RSD	.34480	1.2804	.26775	.28780	.94555	.23847	.24983
#1	.49458	9.5965	9.4650	.49731	1.0085	.98938	.99293
#2	.49217	9.4243	9.4292	.49529	1.0221	.98605	.98943

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.98033	1.0124	.93555	1.0020	.95731	1.0067
SDev	.00242	.0029	.00775	.0016	.00161	.0003
%RSD	.24731	.28980	.82869	.16389	.16789	.03446
#1	.98204	1.0145	.94103	1.0031	.95617	1.0064
#2	.97861	1.0103	.93007	1.0008	.95844	1.0069

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 12:18:16 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27742	--	--	--	--	--	--
SDev	67.17515	--	--	--	--	--	--
%RSD	.2421468	--	--	--	--	--	--
#1	27694	--	--	--	--	--	--
#2	27789	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-69508/1-e Operator: SRP
Run Time: 01/25/12 12:18:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01665	.00316	.00289	.00199	-.00019	.00494	.00004
SDev	.00100	.00083	.00139	.00004	.00000	.00041	.00011
%RSD	6.0019	26.400	48.266	1.8581	1.6423	8.3117	310.38
#1	.01595	.00257	.00190	.00196	-.00019	.00523	-.00004
#2	.01736	.00375	.00387	.00201	-.00020	.00465	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03477	.00052	.00058	.00094	.00539	.00002	.00008
SDev	.00002	.00015	.00008	.00026	.00002	.00001	.00036
%RSD	.04246	28.211	13.885	27.397	.33618	62.553	427.98
#1	.03476	.00041	.00052	.00075	.00540	.00003	-.00017
#2	.03478	.00062	.00064	.00112	.00538	.00001	.00034

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.01785	.00031	.00391	.00023	.05601	-.00480
SDev	.00062	.00289	.00000	.00106	.00038	.00324	.00164
%RSD	246.73	16.184	.00225	27.084	162.46	5.7819	34.268
#1	-.00069	.01581	.00031	.00465	-.00003	.05372	-.00596
#2	.00019	.01989	.00031	.00316	.00050	.05830	-.00364

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	38.276	34.079	.00015	.00303	.00014	.00036
SDev	.00006	.148	.132	.00002	.00161	.00150	.00004
%RSD	32.746	.38593	.38873	13.894	52.931	1085.2	10.269
#1	.00014	38.380	34.173	.00013	.00417	-.00092	.00033
#2	.00023	38.171	33.986	.00016	.00190	.00119	.00038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00687	-.00051	.00038	-.00683	.00303
SDev	.00034	.00008	.00171	.00140	.00384	.00098
%RSD	37.681	1.1224	332.77	364.26	56.249	32.438
#1	.00066	.00692	.00069	-.00060	-.00954	.00373

#2	.00114	.00681	-.00172	.00137	-.00411	.00234

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27594	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0179381	--	--	--	--	--	--
#1	27597	--	--	--	--	--	--
#2	27590	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47889-b-4-e Operator: SRP
Run Time: 01/25/12 12:22:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51698	.00023	.00506	.00459	-.00026	.06407	.00027
SDev	.00063	.00092	.00328	.00001	.00000	.00057	.00017
%RSD	.12127	397.90	64.895	.25555	1.1376	.89102	64.768
#1	.51742	-.00042	.00274	.00458	-.00025	.06447	.00039
#2	.51653	.00088	.00738	.00460	-.00026	.06366	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4516	.00848	.10364	5.6741	3.2331	.00306	.00870
SDev	.0042	.00013	.00083	.0071	.0530	.00001	.00078
%RSD	.28703	1.5170	.79671	.12462	1.6406	.30188	9.0165
#1	1.4546	.00839	.10423	5.6791	3.2706	.00306	.00926
#2	1.4487	.00857	.10306	5.6691	3.1956	.00307	.00815

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02226	.29844	74.259	-.00065	.08576	1.5156	.29990
SDev	.00071	.00379	.246	.00011	.00076	.0086	.00077
%RSD	3.1978	1.2698	.33114	17.596	.89059	.56947	.25635
#1	-.02276	.30112	74.433	-.00057	.08630	1.5217	.29936
#2	-.02176	.29576	74.085	-.00073	.08522	1.5095	.30044

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00206	32.444	28.967	.01107	-.02626	-.00682	.01846
SDev	.00085	.045	.067	.00002	.00324	.00230	.00006
%RSD	41.177	.13977	.23196	.18831	12.336	33.725	.32915

#1	.00265	32.476	28.919	.01108	-.02397	-.00519	.01842
#2	.00146	32.412	29.014	.01105	-.02855	-.00845	.01850

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00445	.15105	.00419	.01096	-.04711	-.00984

SDev	.00018	.00011	.00169	.00033	.00072	.00143
%RSD	4.1548	.07217	40.473	3.0063	1.5266	14.512
#1	.00458	.15113	.00539	.01119	-.04660	-.01084
#2	.00432	.15097	.00299	.01072	-.04761	-.00883

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27485	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.2109615	--	--	--	--	--	--
#1	27444	--	--	--	--	--	--
#2	27526	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47889-b-4-f ms Operator: SRP
Run Time: 01/25/12 12:26:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.418	.98815	1.0259	1.0064	.49293	1.0634	.50155
SDev	.029	.00019	.0076	.0024	.00118	.0024	.00075
%RSD	.28033	.01904	.74069	.23823	.23899	.22686	.14934
#1	10.397	.98802	1.0206	1.0047	.49210	1.0617	.50102
#2	10.439	.98828	1.0313	1.0080	.49377	1.0651	.50207

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.580	.98606	1.0787	6.6938	13.431	.49598	.98860
SDev	.030	.00197	.0032	.0161	.020	.00138	.00308
%RSD	.25741	.19997	.29540	.24121	.14716	.27789	.31159
#1	11.559	.98466	1.0764	6.6824	13.417	.49500	.98642
#2	11.601	.98745	1.0809	6.7052	13.445	.49695	.99078

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98098	10.048	74.553	1.0087	1.1926	12.165	1.2209
SDev	.00714	.029	.139	.0024	.0018	.040	.0050
%RSD	.72824	.28483	.18670	.24284	.15055	.32513	.41152
#1	.97593	10.027	74.454	1.0070	1.1938	12.137	1.2173
#2	.98603	10.068	74.651	1.0104	1.1913	12.193	1.2244

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50358	44.195	40.425	.51815	1.0026	.99840	1.0184
SDev	.00062	.181	.134	.00118	.0094	.00844	.0024

%RSD	.12372	.41000	.33206	.22707	.93830	.84517	.23723
#1	.50314	44.067	40.330	.51732	.99596	.99243	1.0167
#2	.50402	44.323	40.520	.51898	1.0093	1.0044	1.0201

Analysis Report 01/25/12 12:29:51 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99859	1.1636	.94290	1.0115	.91743	1.0128
SDev	.00299	.0028	.00349	.0029	.00337	.0090
%RSD	.29937	.24454	.37036	.28419	.36709	.89181
#1	.99648	1.1615	.94043	1.0094	.91505	1.0064
#2	1.0007	1.1656	.94537	1.0135	.91981	1.0191

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27334	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.2198916	--	--	--	--	--	--
#1	27376	--	--	--	--	--	--
#2	27291	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47889-b-4-g msd Operator: SRP
Run Time: 01/25/12 12:29:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.565	1.0125	1.0397	1.0250	.50062	1.0819	.50840
SDev	.045	.0002	.0034	.0046	.00173	.0001	.00105
%RSD	.42669	.02138	.32680	.45280	.34617	.00943	.20617
#1	10.597	1.0127	1.0422	1.0282	.50184	1.0818	.50914
#2	10.533	1.0124	1.0373	1.0217	.49939	1.0819	.50766

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.670	.99975	1.0894	6.5110	13.450	.50532	1.0015
SDev	.035	.00284	.0034	.0262	.053	.00205	.0023
%RSD	.29709	.28381	.31584	.40216	.39634	.40632	.23440
#1	11.695	1.0018	1.0918	6.5296	13.488	.50677	1.0032
#2	11.646	.99775	1.0869	6.4925	13.412	.50387	.99984

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99339	10.177	72.424	1.0347	1.1966	12.272	1.2278
SDev	.00336	.028	.213	.0049	.0051	.061	.0030
%RSD	.33846	.27028	.29434	.47195	.42407	.49815	.24761
#1	.99101	10.196	72.575	1.0382	1.2002	12.315	1.2300
#2	.99576	10.157	72.273	1.0312	1.1930	12.228	1.2257

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51238	43.106	39.645	.52733	1.0246	1.0179	1.0396
SDev	.00218	.087	.171	.00250	.0004	.0083	.0040

%RSD	.42539	.20117	.43093	.47389	.03925	.82002	.38309
#1	.51393	43.167	39.766	.52910	1.0249	1.0238	1.0424
#2	.51084	43.044	39.524	.52556	1.0243	1.0120	1.0368

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0139	1.1733	.95267	1.0259	.92724	1.0265
SDev	.0036	.0032	.00282	.0021	.00014	.0051
%RSD	.35489	.27529	.29658	.20553	.01484	.49803
#1	1.0164	1.1756	.95467	1.0274	.92733	1.0228
#2	1.0113	1.1710	.95067	1.0244	.92714	1.0301

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27244	--	--	--	--	--	--
SDev	82.02438	--	--	--	--	--	--
%RSD	.3010732	--	--	--	--	--	--
#1	27186	--	--	--	--	--	--
#2	27302	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47889-a-5-h Operator: SRP
Run Time: 01/25/12 12:33:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56618	.00271	.00413	.00434	-.00025	.72456	.00052
SDev	.00362	.00066	.00009	.00000	.00002	.00250	.00006
%RSD	.63940	24.432	2.2380	.08159	8.0133	.34472	12.162
#1	.56874	.00318	.00419	.00434	-.00024	.72632	.00057
#2	.56362	.00225	.00406	.00433	-.00027	.72279	.00048

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.2377	.00607	.07809	6.2486	2.2121	.00263	.00594
SDev	.0325	.00031	.00061	.0212	.0143	.00002	.00044
%RSD	.39502	5.0887	.77599	.33917	.64798	.59893	7.4404
#1	8.2607	.00585	.07852	6.2636	2.2222	.00264	.00625
#2	8.2146	.00629	.07766	6.2336	2.2019	.00262	.00562

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01931	.39048	59.579	.00304	.06113	1.3208	.39750
SDev	.00383	.00119	.187	.00182	.00009	.0065	.00005
%RSD	19.842	.30473	.31425	59.876	.15050	.49086	.01323
#1	-.01660	.38964	59.712	.00432	.06120	1.3254	.39753
#2	-.02201	.39132	59.447	.00175	.06107	1.3162	.39746

Analysis Report 01/25/12 12:37:33 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	33.914	30.481	.05535	-.01825	-.00592	.01406
SDev	.00003	.184	.162	.00014	.00636	.00056	.00005
%RSD	3.1087	.54300	.53226	.24580	34.851	9.5086	.38116
#1	.00091	34.044	30.596	.05544	-.01375	-.00552	.01410
#2	.00095	33.784	30.366	.05525	-.02274	-.00632	.01402

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00313	.42796	.00091	.00845	-.04172	-.00810
SDev	.00002	.00164	.00096	.00114	.00350	.00399
%RSD	.69012	.38435	105.57	13.535	8.3983	49.316
#1	.00314	.42912	.00023	.00926	-.03924	-.00527
#2	.00311	.42679	.00159	.00764	-.04420	-.01092

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27412	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1521908	--	--	--	--	--	--
#1	27383	--	--	--	--	--	--
#2	27442	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-47889-c-6-e Operator: SRP
Run Time: 01/25/12 12:37:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35466	.00249	.00411	.01913	-.00025	.54737	.00030
SDev	.00184	.00030	.00112	.00009	.00000	.00141	.00005
%RSD	.51788	12.252	27.313	.44187	.55110	.25692	16.373
#1	.35596	.00271	.00490	.01919	-.00025	.54837	.00026
#2	.35336	.00228	.00332	.01907	-.00025	.54638	.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8200	.00575	.07211	6.2914	1.8034	.00267	.00561
SDev	.0211	.00001	.00043	.0012	.0344	.00002	.00036
%RSD	.55361	.12164	.59981	.01935	1.9075	.58535	6.5074
#1	3.8350	.00576	.07242	6.2905	1.8278	.00268	.00536
#2	3.8051	.00575	.07180	6.2922	1.7791	.00265	.00587

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01830	.35817	56.626	-.00012	.05553	1.4312	.28786
SDev	.00010	.00686	.301	.00006	.00068	.0164	.00161
%RSD	.53989	1.9156	.53123	47.175	1.2153	1.1440	.56027

Analysis Report 01/25/12 12:41:25 PM page 9

#1	-.01823	.36302	56.839	-.00008	.05505	1.4428	.28900
#2	-.01837	.35332	56.413	-.00016	.05600	1.4196	.28672

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	37.945	33.859	.03820	-.01964	-.00520	.01210
SDev	.00054	.001	.138	.00003	.00230	.00112	.00017
%RSD	60.037	.00377	.40835	.06527	11.689	21.491	1.3978
#1	.00127	37.946	33.761	.03822	-.01801	-.00441	.01222
#2	.00051	37.944	33.957	.03818	-.02126	-.00599	.01198

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00287	.44024	.00016	.00834	-.04477	-.00506
SDev	.00027	.00226	.00179	.00145	.00416	.00193
%RSD	9.5198	.51288	1104.9	17.327	9.2847	38.131
#1	.00306	.44183	.00143	.00732	-.04183	-.00643
#2	.00267	.43864	-.00111	.00936	-.04771	-.00370

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27930	--	--	--	--	--	--
SDev	154.1493	--	--	--	--	--	--
%RSD	.5519129	--	--	--	--	--	--
#1	27821	--	--	--	--	--	--
#2	28039	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-47889-b-4-e Operator: SRP
Run Time: 01/25/12 12:41:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.655	.99094	1.0443	1.0348	.49369	1.0894	.51083
SDev	.026	.00348	.0028	.0006	.00106	.0002	.00198
%RSD	.24548	.35145	.26471	.06066	.21479	.02204	.38735
#1	10.674	.98848	1.0463	1.0352	.49444	1.0892	.51223
#2	10.637	.99341	1.0423	1.0343	.49294	1.0896	.50943

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.643	1.0065	1.0840	6.6833	13.446	1.0311	1.0101
SDev	.027	.0022	.0034	.0098	.026	.0013	.0037
%RSD	.22765	.22331	.31286	.14729	.19549	.12498	.36138
#1	11.661	1.0081	1.0864	6.6903	13.464	1.0320	1.0127
#2	11.624	1.0049	1.0816	6.6763	13.427	1.0302	1.0075

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98939	10.150	73.671	1.0255	1.2090	12.422	1.2607
SDev	.00539	.027	.174	.0029	.0054	.004	.0039
%RSD	.54510	.26564	.23563	.28337	.44727	.03542	.30538
#1	.98557	10.169	73.793	1.0234	1.2128	12.425	1.2634
#2	.99320	10.131	73.548	1.0276	1.2051	12.418	1.2580

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50899	44.251	40.730	.52820	1.0286	1.0069	1.0403
SDev	.00153	.100	.068	.00044	.0035	.0014	.0017
%RSD	.30118	.22578	.16592	.08421	.33995	.13976	.16635
#1	.51007	44.322	40.778	.52852	1.0311	1.0079	1.0415
#2	.50790	44.180	40.682	.52789	1.0261	1.0059	1.0391

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0079	1.1849	.95855	1.0359	.92211	1.0230
SDev	.0016	.0021	.00189	.0045	.00080	.0077
%RSD	.15522	.17839	.19721	.43733	.08666	.75170
#1	1.0090	1.1864	.95989	1.0391	.92154	1.0176
#2	1.0068	1.1834	.95722	1.0327	.92267	1.0285

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27049	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1150235	--	--	--	--	--	--
#1	27027	--	--	--	--	--	--
#2	27071	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-47889-b-4-e@5 Operator: SRP
Run Time: 01/25/12 12:45:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13195	.00620	.00179	.00119	-.00024	.01809	-.00001
SDev	.00098	.00225	.00000	.00000	.00001	.00101	.00001
%RSD	.74113	36.251	.15207	.00261	4.5827	5.5849	62.129
#1	.13264	.00779	.00179	.00119	-.00024	.01881	-.00001
#2	.13126	.00461	.00179	.00119	-.00023	.01738	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31006	.00186	.02252	1.2521	.70056	.00083	.00187
SDev	.00123	.00017	.00033	.0036	.00660	.00000	.00022
%RSD	.39570	9.2565	1.4557	.28745	.94233	.24235	11.968

#1	.31092	.00199	.02229	1.2546	.69589	.00083	.00171

#2	.30919	.00174	.02275	1.2495	.70523	.00083	.00202

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00786	.08468	20.570	.00288	.01857	.38623	.05821
SDev	.00157	.00239	.038	.00209	.00009	.00109	.00109
%RSD	20.027	2.8277	.18385	72.622	.47947	.28284	1.8695
#1	-.00897	.08637	20.597	.00436	.01863	.38700	.05898
#2	-.00675	.08298	20.543	.00140	.01851	.38546	.05744

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	6.7956	6.1357	.00247	-.00854	-.00394	.00435
SDev	.00015	.0034	.0389	.00001	.00146	.00076	.00006
%RSD	67.736	.05058	.63460	.32979	17.085	19.255	1.4363
#1	-.00033	6.7980	6.1632	.00247	-.00751	-.00447	.00439
#2	-.00012	6.7931	6.1081	.00246	-.00957	-.00340	.00430

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00152	.03541	-.00158	.00359	-.02190	-.00084
SDev	.00016	.00003	.00029	.00019	.00343	.00065
%RSD	10.309	.08501	18.637	5.2486	15.647	77.099
#1	.00141	.03539	-.00178	.00345	-.02432	-.00130
#2	.00163	.03543	-.00137	.00372	-.01947	-.00038

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27194	--	--	--	--	--	--
SDev	.7071068	--	--	--	--	--	--
%RSD	.0026002	--	--	--	--	--	--
#1	27194	--	--	--	--	--	--
#2	27195	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 12:49:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4838	.49939	.50741	.50252	.49158	.50279	.50864
SDev	.0002	.00063	.00222	.00036	.00035	.00076	.00061
%RSD	.00614	.12678	.43665	.07230	.07150	.15042	.11925
#1	2.4839	.49894	.50585	.50278	.49183	.50226	.50907
#2	2.4837	.49984	.50898	.50226	.49133	.50333	.50821

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.634	.48883	.48430	.48954	2.5564	.47439	.49630
SDev	.006	.00006	.00013	.00025	.0003	.00012	.00056

%RSD	.05060	.01337	.02760	.05027	.01143	.02459	.11372
#1	12.629	.48888	.48421	.48972	2.5566	.47431	.49590
#2	12.638	.48878	.48440	.48937	2.5562	.47447	.49670

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50209	4.9108	.48370	.50973	.55731	12.239	.93107
SDev	.00123	.0064	.00031	.00218	.00244	.003	.00291
%RSD	.24464	.13055	.06343	.42821	.43840	.02721	.31248
#1	.50296	4.9063	.48392	.50819	.55904	12.242	.92901
#2	.50122	4.9153	.48348	.51127	.55558	12.237	.93313

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24833	12.677	12.042	.25376	.51321	.50379	.50750
SDev	.00000	.086	.018	.00032	.00205	.00148	.00004
%RSD	.00109	.67558	.14893	.12543	.39935	.29314	.00867
#1	.24833	12.616	12.030	.25398	.51466	.50483	.50753
#2	.24833	12.737	12.055	.25353	.51176	.50274	.50747

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49676	.51355	.47241	.50825	.47728	.51455
SDev	.00001	.00009	.00312	.00071	.00028	.00170
%RSD	.00116	.01693	.66007	.14019	.05954	.33047
#1	.49676	.51349	.47021	.50875	.47748	.51575
#2	.49675	.51361	.47462	.50774	.47708	.51335

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27084	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0234967	--	--	--	--	--	--
#1	27080	--	--	--	--	--	--
#2	27089	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 12:53:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03082	.00335	.00085	.00064	-.00005	.00380	.00019
SDev	.00185	.00140	.00105	.00000	.00004	.00015	.00002

%RSD	6.0127	41.915	123.54	.45358	70.797	3.8018	9.9735
#1	.03213	.00235	.00159	.00064	-.00008	.00390	.00018
#2	.02951	.00434	.00011	.00064	-.00003	.00370	.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01190	.00088	.00009	-.00023	-.01001	.00030	.00018
SDev	.00123	.00047	.00037	.00042	.00638	.00005	.00021
%RSD	10.329	52.657	423.17	183.21	63.680	15.834	112.40
#1	.01103	.00121	-.00017	.00007	-.01452	.00027	.00033
#2	.01277	.00056	.00035	-.00052	-.00550	.00034	.00004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	.01959	.00072	.00223	.00019	.07794	-.00574
SDev	.00023	.00154	.00036	.00107	.00024	.00400	.00072
%RSD	16.458	7.8477	49.671	47.902	131.37	5.1287	12.532
#1	.00123	.01850	.00046	.00299	.00036	.07512	-.00523
#2	.00155	.02067	.00097	.00148	.00001	.08077	-.00625

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	-.08477	.00242	.00026	.00276	-.00169	.00054
SDev	.00033	.05196	.00219	.00001	.00192	.00106	.00011
%RSD	107.92	61.291	90.524	4.9955	69.412	62.720	20.518
#1	-.00054	-.12151	.00087	.00025	.00412	-.00094	.00062
#2	-.00007	-.04803	.00397	.00027	.00141	-.00244	.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	-.00008	-.00215	.00135	-.00167	.00292
SDev	.00027	.00003	.00014	.00024	.00018	.00043
%RSD	33.235	40.253	6.4043	17.777	10.535	14.767
#1	.00102	-.00006	-.00205	.00152	-.00154	.00261
#2	.00063	-.00010	-.00225	.00118	-.00179	.00322

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27314	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0284774	--	--	--	--	--	--
#1	27319	--	--	--	--	--	--
#2	27308	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/25/12 12:56:52
Comment: TRACE 61E

Analysis Report Blank Sample 01/25/12 01:00:41 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12261	.01256	.01169	.01058	.00474	.01278	.00522
SDev	.00167	.00156	.00135	.00006	.00001	.00017	.00012
%RSD	1.3602	12.397	11.542	.56582	.26075	1.3088	2.2171
#1	.12143	.01146	.01265	.01054	.00475	.01290	.00530

#2	.12379	.01367	.01074	.01062	.00473	.01266	.00513
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09038	.01071	.00972	.00968	.08719	.00916	.01041
SDev	.00011	.00011	.00017	.00006	.00773	.00003	.00112
%RSD	.11940	1.0655	1.7215	.56350	8.8683	.27398	10.764
#1	.09030	.01063	.00984	.00964	.09266	.00914	.00962
#2	.09045	.01080	.00960	.00972	.08172	.00918	.01121
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01163	.11819	.01025	.01090	.01182	.64119	.00296
SDev	.00043	.00014	.00002	.00045	.00001	.00509	.00106
%RSD	3.6791	.11591	.19661	4.1222	.10108	.79455	36.009
#1	.01133	.11809	.01024	.01059	.01182	.64479	.00220
#2	.01193	.11829	.01027	.01122	.01183	.63759	.00371
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00462	.57111	.55002	.00516	.00641	.00973	.01065
SDev	.00072	.00345	.00256	.00002	.00117	.00074	.00003
%RSD	15.593	.60320	.46505	.34824	18.200	7.5905	.33190
#1	.00513	.57354	.54821	.00515	.00558	.00921	.01068
#2	.00411	.56867	.55183	.00518	.00723	.01025	.01063
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.01100	.01017	.00768	.01178	.00663	.01414	
SDev	.00008	.00001	.00000	.00168	.00375	.00123	
%RSD	.76700	.09473	.05031	14.255	56.612	8.7272	
#1	.01094	.01016	.00767	.01059	.00397	.01501	
#2	.01106	.01017	.00768	.01297	.00928	.01326	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27645	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0665031	--	--	--	--	--	--
#1	27632	--	--	--	--	--	--
#2	27658	--	--	--	--	--	--

Analysis Report Blank Sample 01/25/12 01:00:41 PM page 15

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/25/12 13:00:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	490.86	.00328	.00234	.00176	-.00055	-.00181	.00615
SDev	.51	.00437	.00015	.00002	.00002	.00052	.00010

%RSD	.10450	132.98	6.5003	.95832	2.9067	28.595	1.5763
#1	491.22	.00020	.00244	.00177	-.00054	-.00218	.00622
#2	490.50	.00637	.00223	.00175	-.00056	-.00145	.00608

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	449.56	.00148	.00012	.01209	189.80	.00461	.00879
SDev	.44	.00000	.00004	.00022	.00	.00002	.00154
%RSD	.09874	.16629	36.817	1.8612	.00177	.37565	17.481
#1	449.25	.00149	.00015	.01225	189.81	.00462	.00771
#2	449.88	.00148	.00009	.01193	189.80	.00460	.00988

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01615	486.13	-.00765	.00052	.00137	.12155	.00254
SDev	.00309	.26	.00001	.00032	.00050	.00667	.00147
%RSD	19.159	.05325	.10335	60.936	36.378	5.4865	58.089
#1	-.01396	485.95	-.00764	.00030	.00102	.11683	.00149
#2	-.01834	486.32	-.00765	.00075	.00172	.12626	.00358

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	.05789	.15872	-.00882	.00070	-.00301	-.00242
SDev	.00020	.03211	.00208	.00001	.00227	.00325	.00002
%RSD	21.081	55.472	1.3111	.16816	324.64	107.97	.72265
#1	-.00080	.08060	.15725	-.00881	.00231	-.00071	-.00241
#2	-.00109	.03519	.16019	-.00884	-.00091	-.00531	-.00244

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00499	.00157	-.08130	.05384	-.00675	-.02085
SDev	.00029	.00020	.00001	.00231	.00900	.00014
%RSD	5.7508	13.081	.01119	4.2905	133.36	.67014
#1	.00479	.00172	-.08129	.05220	-.00038	-.02075
#2	.00520	.00143	-.08130	.05547	-.01312	-.02095

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24664	--	--	--	--	--	--

SDev	45.25483	--	--	--	--	--	--
%RSD	.1834854	--	--	--	--	--	--
#1	24632	--	--	--	--	--	--
#2	24696	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/25/12 13:04:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	497.50	1.0315	1.0335	1.0301	.46592	1.0395	.47973
SDev	1.30	.0019	.0099	.0014	.00188	.0005	.00237
%RSD	.26181	.18018	.95958	.13683	.40357	.05244	.49381
#1	498.42	1.0328	1.0405	1.0311	.46725	1.0391	.48141
#2	496.58	1.0302	1.0265	1.0291	.46460	1.0398	.47806

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	456.96	.92698	.88277	1.0365	199.00	1.2499	.95130
SDev	2.05	.00330	.00364	.0014	.81	.0018	.00338
%RSD	.44813	.35598	.41264	.13851	.40793	.14021	.35543
#1	458.41	.92931	.88535	1.0375	199.58	1.2511	.95369
#2	455.51	.92464	.88020	1.0354	198.43	1.2487	.94891

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97664	494.58	.92108	.98865	1.0139	14.643	.94071
SDev	.00604	2.10	.00325	.00044	.0082	.013	.00282
%RSD	.61790	.42371	.35309	.04448	.81211	.08562	.29981
#1	.98091	496.06	.92337	.98896	1.0198	14.652	.94270
#2	.97238	493.10	.91878	.98834	1.0081	14.634	.93871

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52759	12.207	13.776	.50516	.99212	.97619	.98547
SDev	.00177	.134	.017	.00088	.00726	.00578	.00277
%RSD	.33482	1.0968	.12597	.17418	.73214	.59192	.28126
#1	.52884	12.302	13.788	.50578	.99725	.98027	.98743
#2	.52634	12.112	13.763	.50453	.98698	.97210	.98351

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95954	1.0042	.81410	1.0199	.94722	.99136
SDev	.00244	.0048	.00363	.0033	.00397	.00707
%RSD	.25413	.47502	.44609	.31924	.41928	.71278
#1	.96127	1.0076	.81667	1.0222	.95002	.99635
#2	.95782	1.0008	.81153	1.0176	.94441	.98636

Analysis Report Blank Sample 01/25/12 01:08:23 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25038	--	--	--	--	--	--
SDev	86.97414	--	--	--	--	--	--
%RSD	.3473755	--	--	--	--	--	--
#1	24976	--	--	--	--	--	--
#2	25099	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 13:08:26
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5279	.49674	.50328	.49989	.48511	.49988	.50454
SDev	.0167	.00198	.00269	.00156	.00116	.00049	.00137
%RSD	.65887	.39843	.53495	.31256	.23955	.09830	.27071
#1	2.5397	.49814	.50519	.50099	.48593	.50023	.50551
#2	2.5162	.49534	.50138	.49878	.48429	.49953	.50358

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.561	.48264	.47838	.48502	2.5683	.47309	.49141
SDev	.045	.00131	.00154	.00112	.0133	.00192	.00038
%RSD	.35787	.27075	.32253	.22990	.51883	.40552	.07729
#1	12.593	.48357	.47947	.48581	2.5778	.47445	.49168
#2	12.530	.48172	.47729	.48423	2.5589	.47173	.49114

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49574	4.9026	.47878	.50558	.55501	12.214	.92145
SDev	.00168	.0207	.00110	.00552	.00008	.054	.00250
%RSD	.33941	.42318	.22929	1.0914	.01497	.43862	.27182
#1	.49455	4.9172	.47956	.50948	.55507	12.252	.92322
#2	.49693	4.8879	.47800	.50168	.55495	12.176	.91968

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24592	12.668	11.990	.25246	.51852	.49865	.50319
SDev	.00055	.098	.059	.00074	.00524	.00219	.00148
%RSD	.22453	.77054	.49372	.29190	1.0114	.43935	.29513
#1	.24631	12.737	12.032	.25298	.52223	.50019	.50424
#2	.24553	12.599	11.948	.25194	.51481	.49710	.50214

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49147	.50863	.46432	.50495	.46985	.50874
SDev	.00111	.00139	.00248	.00181	.00523	.00514
%RSD	.22534	.27246	.53351	.35812	1.1135	1.0103

#1	.49226	.50961	.46257	.50623	.47355	.50511
#2	.49069	.50765	.46607	.50368	.46616	.51238

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27366	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1808722	--	--	--	--	--	--
#1	27401	--	--	--	--	--	--
#2	27331	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP

Run Time: 01/25/12 13:12:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03758	.00247	-.00040	.00036	-.00010	.00332	.00007
SDev	.00052	.00038	.00046	.00004	.00002	.00025	.00013
%RSD	1.3978	15.609	115.17	10.137	21.126	7.4126	178.66
#1	.03721	.00220	-.00007	.00038	-.00008	.00350	-.00002
#2	.03795	.00274	-.00072	.00033	-.00011	.00315	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02908	.00038	.00015	-.00063	-.00264	.00020	.00011
SDev	.00035	.00019	.00004	.00007	.00059	.00001	.00030
%RSD	1.2002	51.209	26.210	11.074	22.462	4.6784	263.93
#1	.02883	.00052	.00012	-.00068	-.00222	.00019	.00033
#2	.02932	.00024	.00018	-.00058	-.00306	.00021	-.00010

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00195	.02820	.00037	.00220	.00084	.07491	-.00819
SDev	.00146	.00126	.00003	.00051	.00048	.00541	.00143
%RSD	74.709	4.4742	7.2327	23.338	57.056	7.2165	17.510
#1	.00092	.02730	.00038	.00256	.00117	.07109	-.00718
#2	.00299	.02909	.00035	.00183	.00050	.07874	-.00921

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	-.01912	.01108	.00023	.00207	.00005	.00040
SDev	.00021	.00694	.00073	.00002	.00060	.00153	.00006
%RSD	68.994	36.297	6.5717	6.3935	28.972	3229.4	14.401
#1	-.00016	-.01421	.01159	.00024	.00249	-.00103	.00044
#2	-.00046	-.02403	.01056	.00022	.00165	.00113	.00036

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report Blank Sample 01/25/12 01:16:06 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	-.00003	-.00260	.00147	-.00422	.00504
SDev	.00018	.00011	.00031	.00030	.00830	.00196
%RSD	20.255	409.03	11.956	20.268	196.73	38.900
#1	.00101	.00005	-.00238	.00168	-.01009	.00643
#2	.00076	-.00010	-.00282	.00126	.00165	.00366

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27456	--	--	--	--	--	--
SDev	53.03301	--	--	--	--	--	--
%RSD	.1931599	--	--	--	--	--	--
#1	27493	--	--	--	--	--	--
#2	27418	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Batch Number: 70516 Batch Start Date: 01/20/12 12:41 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00036	METHNO3 00025	METSLCSS 00016
MB 600-70516/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-70516/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-49066-A-1	2012-FWCS-9	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-49066-A-2	2012-FWCS-1	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-49066-A-2 DU	2012-FWCS-1	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-49066-A-2 MS	2012-FWCS-1	3050B, 6010B	T	1.01 g	50 mL	4 mL	2.5 mL	5 mL	
600-49066-A-2 MSD	2012-FWCS-1	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-49066-A-3	2012-FWCS-8	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
MB 600-70516/1		3050B, 6010B							
LCS 600-70516/2		3050B, 6010B							
600-49066-A-1	2012-FWCS-9	3050B, 6010B	T						
600-49066-A-2	2012-FWCS-1	3050B, 6010B	T						
600-49066-A-2 DU	2012-FWCS-1	3050B, 6010B	T						
600-49066-A-2 MS	2012-FWCS-1	3050B, 6010B	T	250 uL	250 uL				
600-49066-A-2 MSD	2012-FWCS-1	3050B, 6010B	T	250 uL	250 uL				
600-49066-A-3	2012-FWCS-8	3050B, 6010B	T						

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Batch Number: 70604 Batch Start Date: 01/23/12 05:50 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010
MB 600-70604/1		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	
LCS 600-70604/2		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-49066-A-6	Equipment Blank 7	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
MB 600-70604/1		3010A, 6010B							
LCS 600-70604/2		3010A, 6010B		250 uL					
600-49066-A-6	Equipment Blank 7	3010A, 6010B	T						

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#1
Pipette ID	MPH
Temperature	93.8 Degrees C.
ID number of the thermometer	#517

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-FWCS-9	600-49066-1
2012-FWCS-1	600-49066-2
2012-FWCS-8	600-49066-3

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49066-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/19/2012 17:03 End Date: 01/19/2012 17:03

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			17:03																					
ZZZZZZ			17:03																					
ZZZZZZ			17:03																					
ZZZZZZ			17:03																					
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ZZZZZZ			17:03																					
ZZZZZZ			17:03																					
600-49066-1	1	T	17:03	X	X																			
600-49066-2	1	T	17:03	X	X																			
600-49066-3	1	T	17:03	X	X																			
ZZZZZZ			17:03																					
ZZZZZZ			17:03																					
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ZZZZZZ			17:03																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/19/2012 17:03 End Date: 01/19/2012 17:03

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			17:03																				
ZZZZZZ			17:03																				
ZZZZZZ			17:03																				
ZZZZZZ			17:03																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49066-1

SDG No.:

Batch Number: 70467 Batch Start Date: 01/19/12 17:03 Batch Analyst: Puranik, Surendra U

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-49066-A-1	2012-FWCS-9	Moisture	T	1.12 g	17.90 g	12.70 g			
600-49066-B-2	2012-FWCS-1	Moisture	T	1.12 g	16.05 g	12.73 g			
600-49066-B-3	2012-FWCS-8	Moisture	T	1.12 g	18.82 g	14.40 g			

Batch Notes	

Basis	Basis Description
T	Total/NA

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Loc: 600 49066 1
Company: Pastor, Behling and Wheeler				
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Preservation Codes: D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify); Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	1 - RCRA 8 Metals	Total Number of containers	Special Instructions/Note:
				Preservation Code:			1,D					1A	1			1		
2012-FWCS-9	1/18/12	1028	G	S	N	N	X					X	X				2	Hold TX1006
2012-FWCS-1		1142					X					X	X				2	
2012-FWCS-8		1216					X					X	X				2	
Floodwall Composite 01		1040	C													X	1	HOLD
Fuld Blank 3		1424	G	W								X					3	
Equipment Blank 7		1440	G	W			X					X					4	
Trip Blank 1/18/12	—	—	—	W	N	N						X					1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by:	Date/Time: 1/18/12, 1608	Company PBW	Received by:	Date/Time: 1/19/12 9:21	Company TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Page 460 of 461

02/27/2012

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49066-1

Login Number: 49066

List Source: TestAmerica Houston

List Number: 1

Creator: Capps, Dana

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	4.1
Cooler Temperature is recorded.	True	545
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-49143-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
3/2/2012 2:04 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
03/02/2012

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Method Summary 28
Method / Analyst Summary 30
Sample Summary 31
Sample Results 32
Sample Datasheets 33
Data Qualifiers 46
QC Results 47
Qc Association Summary 48
Surrogate Recovery Report 53
Qc Reports 55
Raw Data 70
Client Chain of Custody 678
Sample Receipt Checklist 679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-49143-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		03/02/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-70933, 70973- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-70933, 70973- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-70933, 70973- Ignitability (Flashpoint)

ER #[1]	DESCRIPTION

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 71179 & 71295 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?		X			1
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?			X		
		Were blanks analyzed at the appropriate frequency?			X		
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?			X		
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 71179 & 71295 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 71179 & 71295 - pH

ER #[1]	DESCRIPTION
1	The EPA has clarified that the Analyzed Immediately holding time is fifteen minutes from sample collection time. As a result, the holding times for pH had already expired by the time the samples arrived at our laboratory.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-71253-Reactivity, CN and SFD

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-71253-Reactivity, CN and SFD

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 03/02/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: BDG	Prep Batch Number(s): 600-71253-Reactivity, CN and SFD

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the MS.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70836(TCLP), 70604(water), 71001(soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Were MS/MSD RPDs within laboratory QC limits?		X			3
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70836(TCLP), 70604(water), 71001(soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?		X			4
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			5
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
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Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70836(TCLP), 70604(water), 71001(soil)- ICP

ER #[1]	DESCRIPTION
1	Barium was detected above the MDL, but below the MQL in the leachate blank for batch 70806. The level of detection is below the recommended reporting limit and the appropriate flags have been applied.
2	The lead recovery in sample 49143-1 MS was above and in sample 49143-1 MSD was below acceptance limits due to matrix interference. Method performance is demonstrated by an acceptable LCS recovery.
3	The lead RPD between samples 49143-1 MS and MSD was above acceptance limits due to the non-homogenous nature of the samples.
4	Cadmium was detected above the MDL in the ICB for batch 70888. Cadmium was detected above the MDL in the CCB analyzed on 01/25/12 at 16:11. Since the concentrations were below the MQL, no corrective action was required.
5	The lead percent difference between samples 49143-1 and 49143-1 SD was above acceptance limits due to matrix interference.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70863- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?				X	1
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70863- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	3
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: TWR	Prep Batch Number(s): 600-70863- Mercury

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the MS/MSD.
2	The laboratory selected another client's sample to perform as the DUP.
3	The laboratory selected another client's sample to perform as the PDS/SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: RJV	Prep Batch Number(s): 600-71005(W), 70966(S)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	X				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: RJV	Prep Batch Number(s): 600-71005(W), 70966(S)- TX1005

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?		X			1
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/09/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-49143
Reviewer Name: RJV	Prep Batch Number(s): 600-71005(W), 70966(S)- TX1005

ER #[1]	DESCRIPTION
1	The continuing calibration verification (CCV) analyzed on 01/28/12 at 02:38 for analytical batch 71145 exceeded control criteria for o-Terphenyl. The surrogate was biased high and bracketed sample 600-49143-6 only. The surrogate recovery in this sample was within acceptance limits; therefore, the data have been qualified and reported.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Detection Check Standard

Matrix:	Water
Method:	7470, 245.1
Preparation:	7470p, 245.1p
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	FIMS100
TALs Batches:	69113
Units:	ug/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Mercury	0.026	0.0625	0.049164	0.2

Detection Check Standard

Matrix:	Soil
Method:	7471
Preparation:	7471p
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	FIMS100
TALS Batches:	69103
Prep/Reagent Factor =	83.33
Units:	ug/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Mercury	1.67	2.29	1.59	50

Detection Check Standard

Matrix:	Soil
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	BO80211_034.d
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	4.67	10	12.86	25
>C12-C28	6.06	10	9.43	25
Total C6-C35	9.59	20	22.28	25

Detection Check Standard

Matrix:	Water
Method:	TX1005
Preparation:	Robin
Date Analyzed:	11/8/2011
Date Prepared:	11/8/2011
Data File:	B080211_034.d
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
C6-C12	0.37	5	4.97	5
>C12-C28	0.32	5	5.16	5
Total C6-C35	0.56	10	10.13	5

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_S_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals	TAL HOU		SW846 3050B
Metals (ICP)	TAL HOU	SW846 6010B	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Total Metals	TAL HOU		SW846 3010A
Mercury (CVAA)	TAL HOU	SW846 7470A	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Mercury	TAL HOU		SW846 7470A
Reactive Sulfide	TAL HOU	EPA 7.4.4	
Sulfide, Reactive	TAL HOU		SW846 7.3.4
Cyanide, Reactive	TAL HOU	SW846 9012	
Cyanide, Reactive	TAL HOU		SW846 7.3.3
Corrosivity	TAL HOU	SW846 9045C	
Flashpoint	TAL HOU	ASTM D92	
Percent Moisture	TAL HOU	EPA Moisture	
Matrix: Water			
Texas - Total Petroleum Hydrocarbon (GC)	TAL HOU	TCEQ TX 1005	
Extraction - Texas Total petroleum Hyrdocarbons	TAL HOU		TCEQ TX_1005_W_Prep
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals	TAL HOU		SW846 3010A
Metals (ICP)	TAL HOU	SW846 6010B	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Total Metals	TAL HOU		SW846 3010A
Mercury (CVAA)	TAL HOU	SW846 7470A	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Mercury	TAL HOU		SW846 7470A
Reactive Sulfide	TAL HOU	EPA 7.4.4	
Sulfide, Reactive	TAL HOU		SW846 7.3.4
Cyanide, Reactive	TAL HOU	SW846 9012	
Cyanide, Reactive	TAL HOU		SW846 7.3.3
Corrosivity as pH	TAL HOU	SW846 9040B	
Ignitability	TAL HOU	SW846 SW846 Ch. 7	

Lab References:

TAL HOU = TestAmerica Houston

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Description	Lab Location	Method	Preparation Method

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TCEQ = Texas Commission of Environmental Quality

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method	Analyst	Analyst ID
TCEQ TX 1005	Vanderborgh, Raymond	RV
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
SW846 7470A	Lige, Derrick C	DCL
EPA 7.4.4	Grimm, Brandon D	BDG
SW846 9012	Grimm, Brandon D	BDG
SW846 9040B	Boza, Michael	MB
SW846 9045C	Boza, Michael	MB
ASTM D92	Puranik, Surendra U	SUP
EPA Moisture	Puranik, Surendra U	SUP
SW846 SW846 Ch. 7	Puranik, Surendra U	SUP

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-49143-1	2012-FWCS-7	Solid	01/19/2012 1110	01/20/2012 0937
600-49143-1MS	2012-FWCS-7	Solid	01/19/2012 1110	01/20/2012 0937
600-49143-1MSD	2012-FWCS-7	Solid	01/19/2012 1110	01/20/2012 0937
600-49143-2	2012-FWCS-6	Solid	01/19/2012 1040	01/20/2012 0937
600-49143-3	2012-FWCS-5	Solid	01/19/2012 1206	01/20/2012 0937
600-49143-4	2012-FWCS-4	Solid	01/19/2012 1231	01/20/2012 0937
600-49143-5	2012-FWCS-3	Solid	01/19/2012 1255	01/20/2012 0937
600-49143-6	2012-FWCS-2	Solid	01/19/2012 1319	01/20/2012 0937
600-49143-7	Field Blank 4	Water	01/19/2012 1445	01/20/2012 0937
600-49143-8	IDW 1	Solid	01/19/2012 1539	01/20/2012 0937
600-49143-9	IDW 2	Water	01/19/2012 1551	01/20/2012 0937
600-49143-10	Equipment Blank 8	Water	01/19/2012 1609	01/20/2012 0937
600-49143-11	Trip Blank 1/14/12	Water	01/14/2012 0000	01/20/2012 0937

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-7

Lab Sample ID: 600-49143-1
Client Matrix: Solid

Date Sampled: 01/19/2012 11:10
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	30			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	70			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.583			0.0256	0.250	0.0365	mg/Kg	71181	01/30/2012 13:32	1	SRP
Lead	7439-92-1	63.9			0.105	0.500	0.149	mg/Kg	71181	01/30/2012 13:32	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.66	U		4.67	25.0	6.66	mg/Kg	71169	01/27/2012 16:55	1	RV
>C12-C28	STL00035	8.64	U		6.06	25.0	8.64	mg/Kg	71169	01/27/2012 16:55	1	RV
>C28-C35	STL00147	13.7	U		9.59	25.0	13.7	mg/Kg	71169	01/27/2012 16:55	1	RV
C6-C35	STL00006	13.7	U		9.59	25.0	13.7	mg/Kg	71169	01/27/2012 16:55	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		15.9	17.8	89	70-130		FID07	70966	01/27/2012 16:55	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-6

Lab Sample ID: 600-49143-2
Client Matrix: Solid

Date Sampled: 01/19/2012 10:40
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	26			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	74			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.900			0.0256	0.250	0.0332	mg/Kg	71181	01/30/2012 13:47	1	SRP
Lead	7439-92-1	253			0.105	0.500	0.136	mg/Kg	71181	01/30/2012 13:47	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.33	U		4.67	25.0	6.33	mg/Kg	71169	01/27/2012 18:38	1	RV
>C12-C28	STL00035	8.21	U		6.06	25.0	8.21	mg/Kg	71169	01/27/2012 18:38	1	RV
>C28-C35	STL00147	13.0	U		9.59	25.0	13.0	mg/Kg	71169	01/27/2012 18:38	1	RV
C6-C35	STL00006	13.0	U		9.59	25.0	13.0	mg/Kg	71169	01/27/2012 18:38	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		14.9	16.9	88	70-130		FID07	70966	01/27/2012 18:38	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-5

Lab Sample ID: 600-49143-3
Client Matrix: Solid

Date Sampled: 01/19/2012 12:06
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	24			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	76			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	1.30			0.0256	0.250	0.0324	mg/Kg	71181	01/30/2012 13:51	1	SRP
Lead	7439-92-1	224			0.105	0.500	0.132	mg/Kg	71181	01/30/2012 13:51	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.12	U		4.67	25.0	6.12	mg/Kg	71169	01/27/2012 19:13	1	RV
>C12-C28	STL00035	7.95	U		6.06	25.0	7.95	mg/Kg	71169	01/27/2012 19:13	1	RV
>C28-C35	STL00147	12.6	U		9.59	25.0	12.6	mg/Kg	71169	01/27/2012 19:13	1	RV
C6-C35	STL00006	12.6	U		9.59	25.0	12.6	mg/Kg	71169	01/27/2012 19:13	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		15.0	16.4	92	70-130		FID07	70966	01/27/2012 19:13	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-4

Lab Sample ID: 600-49143-4
Client Matrix: Solid

Date Sampled: 01/19/2012 12:31
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	29			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	71			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.116	J		0.0256	0.250	0.0362	mg/Kg	71181	01/30/2012 13:55	1	SRP
Lead	7439-92-1	158			0.105	0.500	0.148	mg/Kg	71181	01/30/2012 13:55	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.58	U		4.67	25.0	6.58	mg/Kg	71169	01/27/2012 19:47	1	RV
>C12-C28	STL00035	8.54	U		6.06	25.0	8.54	mg/Kg	71169	01/27/2012 19:47	1	RV
>C28-C35	STL00147	13.5	U		9.59	25.0	13.5	mg/Kg	71169	01/27/2012 19:47	1	RV
C6-C35	STL00006	13.5	U		9.59	25.0	13.5	mg/Kg	71169	01/27/2012 19:47	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		15.9	17.6	90	70-130		FID07	70966	01/27/2012 19:47	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-3

Lab Sample ID: 600-49143-5
Client Matrix: Solid

Date Sampled: 01/19/2012 12:55
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	23			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	77			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.145	J		0.0256	0.250	0.0320	mg/Kg	71181	01/30/2012 13:58	1	SRP
Lead	7439-92-1	35.0			0.105	0.500	0.131	mg/Kg	71181	01/30/2012 13:58	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	6.05	U		4.67	25.0	6.05	mg/Kg	71145	01/27/2012 19:47	1	RV
>C12-C28	STL00035	7.85	U		6.06	25.0	7.85	mg/Kg	71145	01/27/2012 19:47	1	RV
>C28-C35	STL00147	12.4	U		9.59	25.0	12.4	mg/Kg	71145	01/27/2012 19:47	1	RV
C6-C35	STL00006	12.4	U		9.59	25.0	12.4	mg/Kg	71145	01/27/2012 19:47	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		16.8	16.2	104	70-130		FID07	70966	01/27/2012 19:47	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-FWCS-2

Lab Sample ID: 600-49143-6
Client Matrix: Solid

Date Sampled: 01/19/2012 13:19
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: TCEQ TX_1005_S_Prep,Solid										Dry Weight Corrected?:		Y
Extraction - Texas Total petroleum Hyrdocarbons		Complete							70966	01/26/2012 11:36		NV
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	20			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	80			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	0.0756	J		0.0256	0.250	0.0313	mg/Kg	71181	01/30/2012 14:10	1	SRP
Lead	7439-92-1	23.6			0.105	0.500	0.128	mg/Kg	71181	01/30/2012 14:10	1	SRP
Method: TCEQ TX 1005,Solid										Dry Weight Corrected?:		Y
C6-C12	STL00061	5.85	U		4.67	25.0	5.85	mg/Kg	71145	01/27/2012 20:56	1	RV
>C12-C28	STL00035	30.5	J		6.06	25.0	7.59	mg/Kg	71145	01/27/2012 20:56	1	RV
>C28-C35	STL00147	12.0	U		9.59	25.0	12.0	mg/Kg	71145	01/27/2012 20:56	1	RV
C6-C35	STL00006	30.5	J		9.59	25.0	12.0	mg/Kg	71145	01/27/2012 20:56	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		16.8	15.7	107	70-130		FID07	70966	01/27/2012 20:56	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Field Blank 4

Lab Sample ID: 600-49143-7
Client Matrix: Water

Date Sampled: 01/19/2012 14:45
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							71005	01/26/2012 15:45		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.362	U		0.370	5.00	0.362	mg/L	71145	01/27/2012 16:20	1	RV
>C12-C28	STL00035	0.313	U		0.320	5.00	0.313	mg/L	71145	01/27/2012 16:20	1	RV
>C28-C35	STL00147	0.547	U		0.560	5.00	0.547	mg/L	71145	01/27/2012 16:20	1	RV
C6-C35	STL00006	0.547	U		0.560	5.00	0.547	mg/L	71145	01/27/2012 16:20	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.89	1.63	116	70-130		FID07	71005	01/27/2012 16:20	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: IDW 1

Lab Sample ID: 600-49143-8
Client Matrix: Solid

Date Sampled: 01/19/2012 15:39
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Solid,TCLP												
Preparation, Total Metals		Complete							70836	01/25/2012 10:25		SRP
Method: SW846 7470A,Solid,TCLP												
Preparation, Mercury		Complete							70863	01/25/2012 11:15		DCL
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							71001	01/26/2012 15:05		NER
Method: SW846 7.3.3,Solid										Dry Weight Corrected?:		N
Cyanide, Reactive		Complete							71253	01/30/2012 09:00		BDG
Method: SW846 7.3.4,Solid										Dry Weight Corrected?:		N
Sulfide, Reactive		Complete							71253	01/30/2012 09:00		BDG
Method: SW846 6010B,Solid,TCLP												
Pb	7439-92-1	0.0290	U		0.00290	0.0100	0.0290	mg/L	70888	01/25/2012 17:02	1	SRP
Cr	7440-47-3	0.0155	U		0.00155	0.0100	0.0155	mg/L	70888	01/25/2012 17:02	1	SRP
Cd	7440-43-9	0.00450	J		0.000350	0.00500	0.00350	mg/L	70888	01/25/2012 17:02	1	SRP
Ba	7440-39-3	0.498		b	0.00220	0.0200	0.0220	mg/L	70888	01/25/2012 17:02	1	SRP
As	7440-38-2	0.0328	U		0.00328	0.0100	0.0328	mg/L	70888	01/25/2012 17:02	1	SRP
Ag	7440-22-4	0.0125	U		0.00125	0.0100	0.0125	mg/L	70888	01/25/2012 17:02	1	SRP
Se	7782-49-2	0.0417	U		0.00417	0.0400	0.0417	mg/L	70888	01/25/2012 17:02	1	SRP
Method: SW846 7470A,Solid,TCLP												
Mercury	7439-97-6	0.0260	U		0.0260	0.200	0.0260	ug/L	70887	01/25/2012 15:32	1	DCL
Method: ASTM D92,Solid										Dry Weight Corrected?:		N
Flashpoint	STL00152	>212			1.00	1.00	1.00	Degrees F	70933	01/25/2012 13:00	1	SUP
Method: EPA 7.4.4,Solid										Dry Weight Corrected?:		N
Sulfide, Reactive	STL00261	14.0	U		14.0	50.0	14.0	mg/Kg	71278	01/31/2012 12:00	1	BDG
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	24			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Percent Solids	STL00234	76			1.0	1.0	1.0	%	70705	01/23/2012 17:19	1	SUP
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Lead	7439-92-1	257			0.105	0.500	0.134	mg/Kg	71181	01/30/2012 14:14	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: IDW 1

Lab Sample ID: 600-49143-8
Client Matrix: Solid

Date Sampled: 01/19/2012 15:39
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9012,Solid											Dry Weight Corrected?:	N
Cyanide, Reactive	STL00045	85.5	U		85.5	250	85.5	ug/Kg	71273	01/31/2012 12:22	1	BDG
Method: SW846 9045C,Solid											Dry Weight Corrected?:	N
pH	STL00204	7.60		HF	0.0100	0.0100	0.0100	SU	71179	01/30/2012 11:00	1	MB

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: IDW 2

Lab Sample ID: 600-49143-9
Client Matrix: Water

Date Sampled: 01/19/2012 15:51
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water,TCLP												
Preparation, Total Metals		Complete							70836	01/25/2012 10:25		SRP
Method: SW846 7470A,Water,TCLP												
Preparation, Mercury		Complete							70863	01/25/2012 11:15		DCL
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70604	01/23/2012 05:50		DCL
Method: SW846 7.3.3,Water												
Cyanide, Reactive		Complete							71253	01/30/2012 09:00		BDG
Method: SW846 7.3.4,Water												
Sulfide, Reactive		Complete							71253	01/30/2012 09:00		BDG
Method: SW846 6010B,Water,TCLP												
Pb	7439-92-1	0.805			0.00290	0.0100	0.0290	mg/L	70888	01/25/2012 16:39	1	SRP
Cr	7440-47-3	0.0155	U		0.00155	0.0100	0.0155	mg/L	70888	01/25/2012 16:39	1	SRP
Cd	7440-43-9	0.00880	J		0.000350	0.00500	0.00350	mg/L	70888	01/25/2012 16:39	1	SRP
Ba	7440-39-3	0.142	J	b	0.00220	0.0200	0.0220	mg/L	70888	01/25/2012 16:39	1	SRP
As	7440-38-2	0.0328	U		0.00328	0.0100	0.0328	mg/L	70888	01/25/2012 16:39	1	SRP
Ag	7440-22-4	0.0125	U		0.00125	0.0100	0.0125	mg/L	70888	01/25/2012 16:39	1	SRP
Se	7782-49-2	0.0531	J		0.00417	0.0400	0.0417	mg/L	70888	01/25/2012 16:39	1	SRP
Method: SW846 7470A,Water,TCLP												
Mercury	7439-97-6	0.0260	U		0.0260	0.200	0.0260	ug/L	70887	01/25/2012 15:21	1	DCL
Method: EPA 7.4.4,Water												
Sulfide, Reactive	STL00261	10.0	J		1.40	50.0	1.40	mg/L	71278	01/31/2012 12:00	1	BDG
Method: SW846 6010B,Water												
Lead	7439-92-1	1.32			0.00290	0.0100	0.00290	mg/L	70835	01/25/2012 12:27	1	DCL
Method: SW846 9012,Water												
Cyanide, Reactive	STL00045	0.0397	U		0.0397	0.250	0.0397	mg/L	71273	01/31/2012 12:28	1	BDG
Method: SW846 9040B,Water												
pH	STL00204	8.10		H	0.0100	0.0100	0.0100	SU	71295	01/31/2012 15:45	1	MB
Method: SW846 SW846 Ch. 7,Water												

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: IDW 2

Lab Sample ID: 600-49143-9
Client Matrix: Water

Date Sampled: 01/19/2012 15:51
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Flashpoint	STL00152	>186			1.00	1.00	1.00	Degrees F	70973	01/26/2012 10:30	1	SUP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Equipment Blank 8

Lab Sample ID: 600-49143-10
Client Matrix: Water

Date Sampled: 01/19/2012 16:09
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							70604	01/23/2012 05:50		DCL
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							71005	01/26/2012 15:45		NV
Method: SW846 6010B,Water												
Cadmium	7440-43-9	0.000500	J		0.000350	0.00500	0.000350	mg/L	70835	01/25/2012 12:30	1	DCL
Lead	7439-92-1	0.0542			0.00290	0.0100	0.00290	mg/L	70835	01/25/2012 12:30	1	DCL
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.360	U		0.370	5.00	0.360	mg/L	71145	01/27/2012 16:55	1	RV
>C12-C28	STL00035	0.311	U		0.320	5.00	0.311	mg/L	71145	01/27/2012 16:55	1	RV
>C28-C35	STL00147	0.545	U		0.560	5.00	0.545	mg/L	71145	01/27/2012 16:55	1	RV
C6-C35	STL00006	0.545	U		0.560	5.00	0.545	mg/L	71145	01/27/2012 16:55	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		1.92	1.62	118	70-130		FID07	71005	01/27/2012 16:55	1	RV

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-49143-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Trip Blank 1/14/12

Lab Sample ID: 600-49143-11
Client Matrix: Water

Date Sampled: 01/14/2012 00:00
Date Received: 01/20/2012 09:37

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: TCEQ TX_1005_W_Prep,Water												
Extraction - Texas Total petroleum Hyrdocarbons		Complete							71005	01/26/2012 15:45		NV
Method: TCEQ TX 1005,Water												
C6-C12	STL00061	0.364	U		0.370	5.00	0.364	mg/L	71145	01/27/2012 17:29	1	RV
>C12-C28	STL00035	0.315	U		0.320	5.00	0.315	mg/L	71145	01/27/2012 17:29	1	RV
>C28-C35	STL00147	0.551	U		0.560	5.00	0.551	mg/L	71145	01/27/2012 17:29	1	RV
C6-C35	STL00006	0.551	U		0.560	5.00	0.551	mg/L	71145	01/27/2012 17:29	1	RV

Surrogates

Test Method	CAS Number	QC Type	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
o-Terphenyl	84-15-1		2.02	1.64	123	70-130		FID07	71005	01/27/2012 17:29	1	RV

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-49143-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
Metals		
	U	Analyte was not detected at or above the SDL.
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits
	b	The compound was found in the blank and sample
General Chemistry		
	U	Analyte was not detected at or above the SDL.
	HF	Field parameter with a holding time of 15 minutes
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	H	Sample was prepped or analyzed beyond the specified holding time

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 600-70966					
LCS 600-70966/2-A	Lab Control Sample	T	Solid	TX_1005_S_Prep	
MB 600-70966/1-A	Method Blank	T	Solid	TX_1005_S_Prep	
600-49143-1	2012-FWCS-7	T	Solid	TX_1005_S_Prep	
600-49143-1MS	Matrix Spike	T	Solid	TX_1005_S_Prep	
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	TX_1005_S_Prep	
600-49143-2	2012-FWCS-6	T	Solid	TX_1005_S_Prep	
600-49143-3	2012-FWCS-5	T	Solid	TX_1005_S_Prep	
600-49143-4	2012-FWCS-4	T	Solid	TX_1005_S_Prep	
600-49143-5	2012-FWCS-3	T	Solid	TX_1005_S_Prep	
600-49143-6	2012-FWCS-2	T	Solid	TX_1005_S_Prep	
Prep Batch: 600-71005					
LCS 600-71005/2-A	Lab Control Sample	T	Water	TX_1005_W_Pre	
MB 600-71005/1-A	Method Blank	T	Water	TX_1005_W_Pre	
600-49143-7	Field Blank 4	T	Water	TX_1005_W_Pre	
600-49143-10	Equipment Blank 8	T	Water	TX_1005_W_Pre	
600-49143-11	Trip Blank 1/14/12	T	Water	TX_1005_W_Pre	
Analysis Batch:600-71145					
LCS 600-71005/2-A	Lab Control Sample	T	Water	TX 1005	600-71005
MB 600-71005/1-A	Method Blank	T	Water	TX 1005	600-71005
600-49143-5	2012-FWCS-3	T	Solid	TX 1005	600-70966
600-49143-6	2012-FWCS-2	T	Solid	TX 1005	600-70966
600-49143-7	Field Blank 4	T	Water	TX 1005	600-71005
600-49143-10	Equipment Blank 8	T	Water	TX 1005	600-71005
600-49143-11	Trip Blank 1/14/12	T	Water	TX 1005	600-71005
Analysis Batch:600-71169					
LCS 600-70966/2-A	Lab Control Sample	T	Solid	TX 1005	600-70966
MB 600-70966/1-A	Method Blank	T	Solid	TX 1005	600-70966
600-49143-1	2012-FWCS-7	T	Solid	TX 1005	600-70966
600-49143-1MS	Matrix Spike	T	Solid	TX 1005	600-70966
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	TX 1005	600-70966
600-49143-2	2012-FWCS-6	T	Solid	TX 1005	600-70966
600-49143-3	2012-FWCS-5	T	Solid	TX 1005	600-70966
600-49143-4	2012-FWCS-4	T	Solid	TX 1005	600-70966

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-70604					
LCS 600-70604/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70604/1-A	Method Blank	T	Water	3010A	
600-49143-9	IDW 2	T	Water	3010A	
600-49143-10	Equipment Blank 8	T	Water	3010A	
Prep Batch: 600-70806					
LB 600-70806/1-B	TCLP SPLPE Leachate Blank	P	Solid	1311	
LB 600-70806/1-C	TCLP SPLPE Leachate Blank	P	Solid	1311	
600-49143-8	IDW 1	P	Solid	1311	
600-49143-9	IDW 2	P	Water	1311	
Analysis Batch:600-70835					
LCS 600-70604/2-A	Lab Control Sample	T	Water	6010B	600-70604
MB 600-70604/1-A	Method Blank	T	Water	6010B	600-70604
600-49143-9	IDW 2	T	Water	6010B	600-70604
600-49143-10	Equipment Blank 8	T	Water	6010B	600-70604
Prep Batch: 600-70836					
LCS 600-70836/2-A	Lab Control Sample	T	Water	3010A	
MB 600-70836/1-A	Method Blank	T	Water	3010A	
LB 600-70806/1-B	TCLP SPLPE Leachate Blank	P	Solid	3010A	600-70806
600-49143-8	IDW 1	P	Solid	3010A	600-70806
600-49143-9	IDW 2	P	Water	3010A	600-70806
Prep Batch: 600-70863					
LCS 600-70863/8-A	Lab Control Sample	T	Water	7470A	
MB 600-70863/7-A	Method Blank	T	Water	7470A	
LB 600-70806/1-C	TCLP SPLPE Leachate Blank	P	Solid	7470A	600-70806
600-49143-8	IDW 1	P	Solid	7470A	600-70806
600-49143-9	IDW 2	P	Water	7470A	600-70806
Analysis Batch:600-70887					
LB 600-70806/1-C	TCLP SPLPE Leachate Blank	P	Solid	7470A	600-70863
LCS 600-70863/8-A	Lab Control Sample	T	Water	7470A	600-70863
MB 600-70863/7-A	Method Blank	T	Water	7470A	600-70863
600-49143-8	IDW 1	P	Solid	7470A	600-70863
600-49143-9	IDW 2	P	Water	7470A	600-70863
Analysis Batch:600-70888					
LB 600-70806/1-B	TCLP SPLPE Leachate Blank	P	Solid	6010B	600-70836
LCS 600-70836/2-A	Lab Control Sample	T	Water	6010B	600-70836
MB 600-70836/1-A	Method Blank	T	Water	6010B	600-70836
600-49143-8	IDW 1	P	Solid	6010B	600-70836
600-49143-9	IDW 2	P	Water	6010B	600-70836

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-71001					
LCS 600-71001/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-71001/1-A	Method Blank	T	Solid	3050B	
600-49143-1	2012-FWCS-7	T	Solid	3050B	
600-49143-1DU	Duplicate	T	Solid	3050B	
600-49143-1MS	Matrix Spike	T	Solid	3050B	
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
600-49143-2	2012-FWCS-6	T	Solid	3050B	
600-49143-3	2012-FWCS-5	T	Solid	3050B	
600-49143-4	2012-FWCS-4	T	Solid	3050B	
600-49143-5	2012-FWCS-3	T	Solid	3050B	
600-49143-6	2012-FWCS-2	T	Solid	3050B	
600-49143-8	IDW 1	T	Solid	3050B	
Analysis Batch:600-71181					
LCS 600-71001/2-A	Lab Control Sample	T	Solid	6010B	600-71001
MB 600-71001/1-A	Method Blank	T	Solid	6010B	600-71001
600-49143-1	2012-FWCS-7	T	Solid	6010B	600-71001
600-49143-1DU	Duplicate	T	Solid	6010B	600-71001
600-49143-1MS	Matrix Spike	T	Solid	6010B	600-71001
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	6010B	600-71001
600-49143-2	2012-FWCS-6	T	Solid	6010B	600-71001
600-49143-3	2012-FWCS-5	T	Solid	6010B	600-71001
600-49143-4	2012-FWCS-4	T	Solid	6010B	600-71001
600-49143-5	2012-FWCS-3	T	Solid	6010B	600-71001
600-49143-6	2012-FWCS-2	T	Solid	6010B	600-71001
600-49143-8	IDW 1	T	Solid	6010B	600-71001

Report Basis

P = TCLP

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-70705					
600-49143-1	2012-FWCS-7	T	Solid	Moisture	
600-49143-1MS	Matrix Spike	T	Solid	Moisture	
600-49143-1MSD	Matrix Spike Duplicate	T	Solid	Moisture	
600-49143-2	2012-FWCS-6	T	Solid	Moisture	
600-49143-3	2012-FWCS-5	T	Solid	Moisture	
600-49143-4	2012-FWCS-4	T	Solid	Moisture	
600-49143-5	2012-FWCS-3	T	Solid	Moisture	
600-49143-6	2012-FWCS-2	T	Solid	Moisture	
600-49143-8	IDW 1	T	Solid	Moisture	
Analysis Batch:600-70933					
LCS 600-70933/2	Lab Control Sample	T	Solid	D92	
MB 600-70933/1	Method Blank	T	Solid	D92	
600-49143-8	IDW 1	T	Solid	D92	
Analysis Batch:600-70973					
LCS 600-70973/2	Lab Control Sample	T	Water	SW846 Ch. 7	
MB 600-70973/1	Method Blank	T	Water	SW846 Ch. 7	
600-49143-9	IDW 2	T	Water	SW846 Ch. 7	
600-49143-9DU	Duplicate	T	Water	SW846 Ch. 7	
Analysis Batch:600-71179					
LCS 600-71179/26	Lab Control Sample	T	Solid	9045C	
600-49143-8	IDW 1	T	Solid	9045C	
Prep Batch: 600-71253					
LCS 600-71253/2-A	Lab Control Sample	T	Solid	7.3.3	
MB 600-71253/1-A	Method Blank	T	Solid	7.3.3	
LCS 600-71253/2-A	Lab Control Sample	T	Solid	7.3.4	
MB 600-71253/1-A	Method Blank	T	Solid	7.3.4	
600-49143-8	IDW 1	T	Solid	7.3.3	
600-49143-8	IDW 1	T	Solid	7.3.4	
600-49143-9	IDW 2	T	Water	7.3.3	
600-49143-9	IDW 2	T	Water	7.3.4	
Analysis Batch:600-71273					
LCS 600-71253/2-A	Lab Control Sample	T	Solid	9012	600-71253
MB 600-71253/1-A	Method Blank	T	Solid	9012	600-71253
600-49143-8	IDW 1	T	Solid	9012	600-71253
600-49143-9	IDW 2	T	Water	9012	600-71253

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-71278					
LCS 600-71253/2-A	Lab Control Sample	T	Solid	7.4.4	600-71253
MB 600-71253/1-A	Method Blank	T	Solid	7.4.4	600-71253
600-49143-8	IDW 1	T	Solid	7.4.4	600-71253
600-49143-9	IDW 2	T	Water	7.4.4	600-71253
Analysis Batch:600-71295					
LCS 600-71295/1	Lab Control Sample	T	Water	9040B	
600-49143-9	IDW 2	T	Water	9040B	
600-49143-9DU	Duplicate	T	Water	9040B	

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec	OTPH %Rec
600-49143-1	2012-FWCS-7		89
600-49143-2	2012-FWCS-6		88
600-49143-3	2012-FWCS-5		92
600-49143-4	2012-FWCS-4		90
600-49143-5	2012-FWCS-3	104	
600-49143-6	2012-FWCS-2	107	
MB 600-70966/1-A			91
LCS 600-70966/2-A			108
600-49143-1 MS	2012-FWCS-7 MS		106
600-49143-1 MSD	2012-FWCS-7 MSD		123

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Surrogate Recovery Report

TX 1005 Texas - Total Petroleum Hydrocarbon (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	OTPH %Rec
600-49143-7	Field Blank 4	116
600-49143-10	Equipment Blank 8	118
600-49143-11	Trip Blank 1/14/12	123
MB 600-71005/1-A		113
LCS 600-71005/2-A		128

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	70-130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70966

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID:	MB 600-70966/1-A	Analysis Batch:	600-71169	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70966	Lab File ID:	B012712_003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/27/2012 1436	Units:	mg/Kg	Final Weight/Volume:	10.00 mL
Prep Date:	01/26/2012 1136			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
C6-C12	4.67	U	4.67	25.0
>C12-C28	6.06	U	6.06	25.0
>C28-C35	9.59	U	9.59	25.0
C6-C35	9.59	U	9.59	25.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	91	70 - 130

Lab Control Sample - Batch: 600-70966

Method: TX 1005
Preparation: TX_1005_S_Prep

Lab Sample ID:	LCS 600-70966/2-A	Analysis Batch:	600-71169	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70966	Lab File ID:	B012712_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	01/27/2012 1511	Units:	mg/Kg	Final Weight/Volume:	10.00 mL
Prep Date:	01/26/2012 1136			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	250	211.2	84	75 - 125	
>C12-C28	250	299.8	120	75 - 125	
C6-C35	500	511.0	102	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	108	70 - 130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70966

Method: TX 1005
Preparation: TX_1005_S_Prep

MS Lab Sample ID:	600-49143-1	Analysis Batch:	600-71169	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70966	Lab File ID:	B012712_008.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.03 g
Analysis Date:	01/27/2012 1729			Final Weight/Volume:	10.00 mL
Prep Date:	01/26/2012 1136			Injection Volume:	2 uL
Leach Date:	N/A				

MSD Lab Sample ID:	600-49143-1	Analysis Batch:	600-71169	Instrument ID:	FID07
Client Matrix:	Solid	Prep Batch:	600-70966	Lab File ID:	B012712_009.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.01 g
Analysis Date:	01/27/2012 1804			Final Weight/Volume:	10.00 mL
Prep Date:	01/26/2012 1136			Injection Volume:	2 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C6-C12	90	90	75 - 125	1	20		
>C12-C28	99	103	75 - 125	2	20		
C6-C35	95	96	75 - 125	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	106	123	70 - 130

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-70966

Method: TX 1005
Preparation: TX_1005_S_Prep

MS Lab Sample ID:	600-49143-1	Units:	mg/Kg	MSD Lab Sample ID:	600-49143-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	01/27/2012 1729			Analysis Date:	01/27/2012 1804
Prep Date:	01/26/2012 1136			Prep Date:	01/26/2012 1136
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C6-C12	6.66	U	357	353	321.8	317.4
>C12-C28	8.64	U	357	353	354.7	362.7
C6-C35	13.7	U	713	706	676.5	680.1

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-71005

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	MB 600-71005/1-A	Analysis Batch:	600-71145	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-71005	Lab File ID:	A012712_003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 mL
Analysis Date:	01/27/2012 1436	Units:	mg/L	Final Weight/Volume:	3.00 mL
Prep Date:	01/26/2012 1545			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
C6-C12	0.370	U	0.370	5.00
>C12-C28	0.320	U	0.320	5.00
>C28-C35	0.560	U	0.560	5.00
C6-C35	0.560	U	0.560	5.00

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	113	70 - 130

Lab Control Sample - Batch: 600-71005

Method: TX 1005
Preparation: TX_1005_W_Prep

Lab Sample ID:	LCS 600-71005/2-A	Analysis Batch:	600-71145	Instrument ID:	FID07
Client Matrix:	Water	Prep Batch:	600-71005	Lab File ID:	A012712_004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 mL
Analysis Date:	01/27/2012 1511	Units:	mg/L	Final Weight/Volume:	3.00 mL
Prep Date:	01/26/2012 1545			Injection Volume:	2 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	33.3	36.61	110	75 - 125	
>C12-C28	33.3	39.18	118	75 - 125	
C6-C35	66.7	75.80	114	75 - 125	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	128	70 - 130

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70604

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70604/1-A	Analysis Batch:	600-70835	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70604	Lab File ID:	012512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1140	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/23/2012 0550				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Lead	0.00290	U	0.00290	0.0100
Cadmium	0.000350	U	0.000350	0.00500

Lab Control Sample - Batch: 600-70604

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70604/2-A	Analysis Batch:	600-70835	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-70604	Lab File ID:	012512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1143	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/23/2012 0550				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	1.00	0.9466	95	80 - 120	
Cadmium	0.500	0.4716	94	80 - 120	

Method Blank - Batch: 600-70836

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-70836/1-A	Analysis Batch:	600-70888	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70836	Lab File ID:	B012512
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1616	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/25/2012 1025				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cr	0.00155	U	0.00155	0.0100
Pb	0.00290	U	0.00290	0.0100
Cd	0.000350	U	0.000350	0.00500
Ba	0.00220	U	0.00220	0.0200
As	0.00328	U	0.00328	0.0100
Ag	0.00125	U	0.00125	0.0100
Se	0.00417	U	0.00417	0.0400

TCLP SPLPE Leachate Blank - Batch: 600-70836

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID:	LB 600-70806/1-B	Analysis Batch:	600-70888	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-70836	Lab File ID:	B012512
Dilution:	1.0	Leach Batch:	600-70806	Initial Weight/Volume:	5 mL
Analysis Date:	01/25/2012 1624	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/25/2012 1025				
Leach Date:	01/24/2012 1813				

Analyte	Result	Qual	MDL	RL
Cr	0.0155	U	0.0155	0.100
Pb	0.0290	U	0.0290	0.100
Cd	0.00350	U	0.00350	0.0500
Ba	0.04930	J	0.0220	0.200
As	0.0328	U	0.0328	0.100
Ag	0.0125	U	0.0125	0.100
Se	0.0417	U	0.0417	0.400

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Lab Control Sample - Batch: 600-70836

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-70836/2-A	Analysis Batch:	600-70888	Instrument ID:	TJA1
Client Matrix:	Water	Prep Batch:	600-70836	Lab File ID:	B012512
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1620	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	01/25/2012 1025				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cr	1.00	1.005	100	80 - 120	
Pb	1.00	1.022	102	80 - 120	
Cd	0.500	0.5203	104	80 - 120	
Ba	1.00	1.024	102	80 - 120	
As	1.00	1.021	102	80 - 120	
Ag	0.500	0.5084	102	80 - 120	
Se	1.00	1.021	102	80 - 120	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-71001

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-71001/1-A	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	01/30/2012 1324	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Lead	0.105	U	0.105	0.500
Cadmium	0.0256	U	0.0256	0.250

Lab Control Sample - Batch: 600-71001

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-71001/2-A	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	01/30/2012 1328	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	144	130.3	91	79 - 121	
Cadmium	71.0	70.91	100	81 - 119	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-71001

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-49143-1	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	01/30/2012 1339			Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

MSD Lab Sample ID:	600-49143-1	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/30/2012 1343			Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	77	75	75 - 125	5	20		
Lead	156	57	75 - 125	51	20	N	N

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-71001

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-49143-1	Units: mg/Kg	MSD Lab Sample ID:	600-49143-1	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	01/30/2012 1339		Analysis Date:	01/30/2012 1343	
Prep Date:	01/26/2012 1505		Prep Date:	01/26/2012 1505	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	0.583	34.7	34.0	27.44		26.09	
Lead	63.9	69.5	67.9	172.0	N	102.3	N

Duplicate - Batch: 600-71001

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-49143-1	Analysis Batch:	600-71181	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-71001	Lab File ID:	B013012
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	01/30/2012 1335	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	01/26/2012 1505				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Lead	63.9	53.16	18	20	
Cadmium	0.583	0.9203	45	20	

Method Blank - Batch: 600-70863

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 600-70863/7-A	Analysis Batch:	600-70887	Instrument ID:	FIMS01
Client Matrix:	Water	Prep Batch:	600-70863	Lab File ID:	FW012512.prn
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	40 mL
Analysis Date:	01/25/2012 1423	Units:	ug/L	Final Weight/Volume:	40 mL
Prep Date:	01/25/2012 1115				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.0260	U	0.0260	0.200

TCLP SPLPE Leachate Blank - Batch: 600-70863

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID:	LB 600-70806/1-C	Analysis Batch:	600-70887	Instrument ID:	FIMS01
Client Matrix:	Solid	Prep Batch:	600-70863	Lab File ID:	FW012512.prn
Dilution:	1.0	Leach Batch:	600-70806	Initial Weight/Volume:	40 mL
Analysis Date:	01/25/2012 1518	Units:	ug/L	Final Weight/Volume:	40 mL
Prep Date:	01/25/2012 1115				
Leach Date:	01/24/2012 1813				

Analyte	Result	Qual	MDL	RL
Mercury	0.0260	U	0.0260	0.200

Lab Control Sample - Batch: 600-70863

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 600-70863/8-A	Analysis Batch:	600-70887	Instrument ID:	FIMS01
Client Matrix:	Water	Prep Batch:	600-70863	Lab File ID:	FW012512.prn
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	01/25/2012 1425	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	01/25/2012 1115				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	3.00	2.969	99	70 - 130	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-71253

Method: 7.4.4
Preparation: 7.3.4

Lab Sample ID:	MB 600-71253/1-A	Analysis Batch:	600-71278	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	600-71253	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 g
Analysis Date:	01/31/2012 1200	Units:	mg/Kg	Final Weight/Volume:	250 mL
Prep Date:	01/30/2012 0900				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Sulfide, Reactive	14.0	U	14.0	50.0

Lab Control Sample - Batch: 600-71253

Method: 7.4.4
Preparation: 7.3.4

Lab Sample ID:	LCS 600-71253/2-A	Analysis Batch:	600-71278	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	600-71253	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 g
Analysis Date:	01/31/2012 1200	Units:	mg/Kg	Final Weight/Volume:	250 mL
Prep Date:	01/30/2012 0900				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfide, Reactive	1610	1120	70	0 - 100	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-71253

Method: 9012
Preparation: 7.3.3

Lab Sample ID:	MB 600-71253/1-A	Analysis Batch:	600-71273	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	600-71253	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 g
Analysis Date:	01/31/2012 1220	Units:	ug/Kg	Final Weight/Volume:	250 mL
Prep Date:	01/30/2012 0900				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Reactive	85.5	U	85.5	250

Lab Control Sample - Batch: 600-71253

Method: 9012
Preparation: 7.3.3

Lab Sample ID:	LCS 600-71253/2-A	Analysis Batch:	600-71273	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	600-71253	Lab File ID:	N/A
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	10 g
Analysis Date:	01/31/2012 1221	Units:	ug/Kg	Final Weight/Volume:	250 mL
Prep Date:	01/30/2012 0900				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Reactive	1000000	72260	7	0 - 100	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Lab Control Sample - Batch: 600-71295

Method: 9040B
Preparation: N/A

Lab Sample ID:	LCS 600-71295/1	Analysis Batch:	600-71295	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/31/2012 1545	Units:	SU	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH	7.00	7.040	101	99 - 101	

Duplicate - Batch: 600-71295

Method: 9040B
Preparation: N/A

Lab Sample ID:	600-49143-9	Analysis Batch:	600-71295	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/31/2012 1545	Units:	SU	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	8.10	8.100	0	1	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Lab Control Sample - Batch: 600-71179

Method: 9045C
Preparation: N/A

Lab Sample ID:	LCS 600-71179/26	Analysis Batch:	600-71179	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/30/2012 1100	Units:	SU	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH	7.00	6.980	100	99 - 101	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70933

Method: D92
Preparation: N/A

Lab Sample ID:	MB 600-70933/1	Analysis Batch:	600-70933	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/25/2012 1300	Units:	Degrees F	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Flashpoint	>186		1.00	1.00

Lab Control Sample - Batch: 600-70933

Method: D92
Preparation: N/A

Lab Sample ID:	LCS 600-70933/2	Analysis Batch:	600-70933	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/25/2012 1300	Units:	Degrees F	Final Weight/Volume:	60 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Flashpoint	81.0	81.70	101	96.91 - 103.09	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Method Blank - Batch: 600-70973

Method: SW846 Ch. 7
Preparation: N/A

Lab Sample ID:	MB 600-70973/1	Analysis Batch:	600-70973	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/26/2012 1030	Units:	Degrees F	Final Weight/Volume:	60 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Flashpoint	>186		1.00	1.00

Lab Control Sample - Batch: 600-70973

Method: SW846 Ch. 7
Preparation: N/A

Lab Sample ID:	LCS 600-70973/2	Analysis Batch:	600-70973	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/26/2012 1030	Units:	Degrees F	Final Weight/Volume:	60 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Flashpoint	81.0	81.94	101	96.91 - 103.09	

Duplicate - Batch: 600-70973

Method: SW846 Ch. 7
Preparation: N/A

Lab Sample ID:	600-49143-9	Analysis Batch:	600-70973	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	01/26/2012 1030	Units:	Degrees F	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Flashpoint	>186	>186	NC	20	

TX_1005

Texas - Total Petroleum Hydrocarbon (GC) by Method TX_1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm) GC Column (2): ID:

Client Sample ID	Lab Sample ID	OTPH #	OTPH #
2012-FWCS-7	600-49143-1		89
2012-FWCS-6	600-49143-2		88
2012-FWCS-5	600-49143-3		92
2012-FWCS-4	600-49143-4		90
2012-FWCS-3	600-49143-5	104	
2012-FWCS-2	600-49143-6	107	
	MB 600-70966/1-A		91
	LCS 600-70966/2-A		108
2012-FWCS-7 MS	600-49143-1 MS		106
2012-FWCS-7 MSD	600-49143-1 MSD		123

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-5 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	OTPH #
Field Blank 4	600-49143-7	116
Equipment Blank 8	600-49143-10	118
Trip Blank 1/14/12	600-49143-11	123
	MB 600-71005/1-A	113
	LCS 600-71005/2-A	128

	QC LIMITS
OTPH = o-Terphenyl	70-130

Column to be used to flag recovery values

FORM II TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B012712_004.d

Lab ID: LCS 600-70966/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	250	211.2	84	75-125	
>C12-C28	250	299.8	120	75-125	
C6-C35	500	511.0	102	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A012712_004.d

Lab ID: LCS 600-71005/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
C6-C12	33.3	36.61	110	75-125	
>C12-C28	33.3	39.18	118	75-125	
C6-C35	66.7	75.80	114	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B012712_008.d

Lab ID: 600-49143-1 MS Client ID: 2012-FWCS-7 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
C6-C12	357	6.66 U	321.8	90	75-125	
>C12-C28	357	8.64 U	354.7	99	75-125	
C6-C35	713	13.7 U	676.5	95	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B012712_009.d

Lab ID: 600-49143-1 MSD Client ID: 2012-FWCS-7 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C6-C12	353	317.4	90	1	20	75-125	
>C12-C28	353	362.7	103	2	20	75-125	
C6-C35	706	680.1	96	1	20	75-125	

Column to be used to flag recovery and RPD values

FORM III TX 1005

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab File ID: B012712_003.d Lab Sample ID: MB 600-70966/1-A

Matrix: Solid Date Extracted: 01/26/2012 11:36

Instrument ID: FID07 Date Analyzed: 01/27/2012 14:36

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-70966/2-A	B012712_004.d	01/27/2012 15:11
2012-FWCS-7	600-49143-1	B012712_007.d	01/27/2012 16:55
2012-FWCS-7 MS	600-49143-1 MS	B012712_008.d	01/27/2012 17:29
2012-FWCS-7 MSD	600-49143-1 MSD	B012712_009.d	01/27/2012 18:04
2012-FWCS-6	600-49143-2	B012712_010.d	01/27/2012 18:38
2012-FWCS-5	600-49143-3	B012712_011.d	01/27/2012 19:13
2012-FWCS-3	600-49143-5	A012712_012.d	01/27/2012 19:47
2012-FWCS-4	600-49143-4	B012712_012.d	01/27/2012 19:47
2012-FWCS-2	600-49143-6	A012712_014.d	01/27/2012 20:56

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab File ID: A012712_003.d Lab Sample ID: MB 600-71005/1-A

Matrix: Water Date Extracted: 01/26/2012 15:45

Instrument ID: FID07 Date Analyzed: 01/27/2012 14:36

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-71005/2-A	A012712_004.d	01/27/2012 15:11
Field Blank 4	600-49143-7	A012712_006.d	01/27/2012 16:20
Equipment Blank 8	600-49143-10	A012712_007.d	01/27/2012 16:55
Trip Blank 1/14/12	600-49143-11	A012712_008.d	01/27/2012 17:29

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Sample No.: CCVRT 600-71145/7 Date Analyzed: 01/27/2012 14:02

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): A012712_002.d Heated Purge: (Y/N) N

Calibration ID: 762

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				12.97		
UPPER LIMIT				13.07		
LOWER LIMIT				12.87		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-71145/7		01/27/2012 14:02	A012712_002.d	12.97		
MB 600-71005/1-A		01/27/2012 14:36	A012712_003.d	12.97		
LCS 600-71005/2-A		01/27/2012 15:11	A012712_004.d	12.97		
600-49143-7	Field Blank 4	01/27/2012 16:20	A012712_006.d	12.97		
600-49143-10	Equipment Blank 8	01/27/2012 16:55	A012712_007.d	12.97		
600-49143-11	Trip Blank 1/14/12	01/27/2012 17:29	A012712_008.d	12.97		
600-49143-5	2012-FWCS-3	01/27/2012 19:47	A012712_012.d	12.97		
CCV 600-71145/18		01/27/2012 20:21	A012712_013.d	12.97		
600-49143-6	2012-FWCS-2	01/27/2012 20:56	A012712_014.d	12.97		
CCV 600-71145/21		01/28/2012 02:38	A012712_024.d	12.97		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Sample No.: CCVRT 600-71169/1 Date Analyzed: 01/27/2012 14:02

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm)

Lab File ID (Standard): B012712_002.d Heated Purge: (Y/N) N

Calibration ID: 767

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				13.31		
UPPER LIMIT				13.41		
LOWER LIMIT				13.21		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 600-71169/1		01/27/2012 14:02	B012712_002.d	13.31		
MB 600-70966/1-A		01/27/2012 14:36	B012712_003.d	13.31		
LCS 600-70966/2-A		01/27/2012 15:11	B012712_004.d	13.31		
600-49143-1	2012-FWCS-7	01/27/2012 16:55	B012712_007.d	13.31		
600-49143-1 MS	2012-FWCS-7 MS	01/27/2012 17:29	B012712_008.d	13.31		
600-49143-1 MSD	2012-FWCS-7 MSD	01/27/2012 18:04	B012712_009.d	13.31		
600-49143-2	2012-FWCS-6	01/27/2012 18:38	B012712_010.d	13.31		
600-49143-3	2012-FWCS-5	01/27/2012 19:13	B012712_011.d	13.31		
600-49143-4	2012-FWCS-4	01/27/2012 19:47	B012712_012.d	13.31		
CCV 600-71169/12		01/27/2012 20:21	B012712_013.d	13.31		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII TX 1005

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-7 Lab Sample ID: 600-49143-1

Matrix: Solid Lab File ID: B012712_007.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 11:10

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.00(g) Date Analyzed: 01/27/2012 16:55

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: 29.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.66	U	35.6	6.66
STL00035	>C12-C28	8.64	U	35.6	8.64
STL00147	>C28-C35	13.7	U	35.6	13.7
STL00006	C6-C35	13.7	U	35.6	13.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_007.d
Lab Smp Id: 600-49143-A-1-A Client Smp ID: 2012-FWCS-7
Inj Date : 27-JAN-2012 16:55
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-1-A
Misc Info : 600-49143-A-1-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.000	Sample Weight
Uf	2.000	Unit Factor
M	29.843	% Moisture
Cpnd Variable		Local Compound Variable

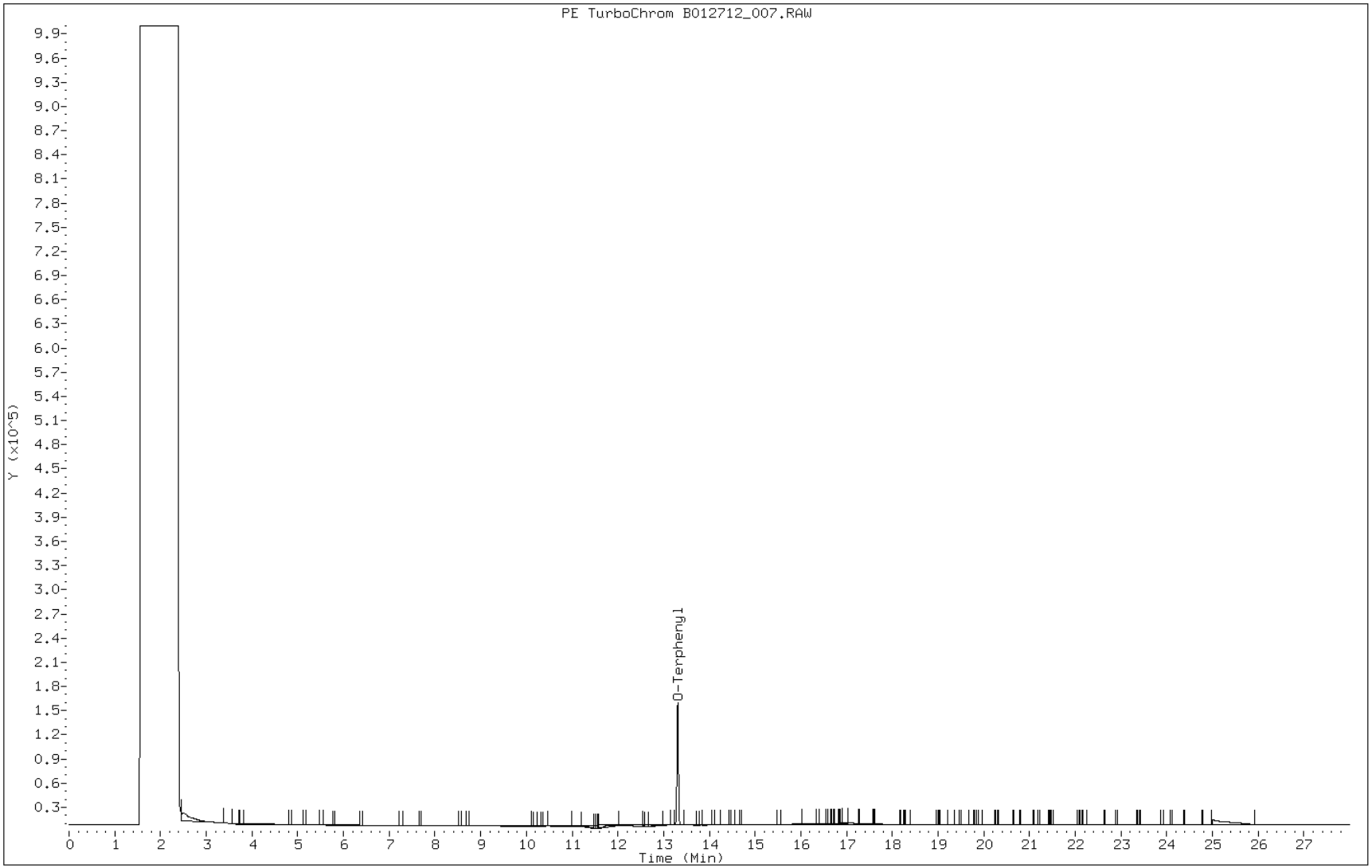
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	13.306	13.323	-0.017	347725	11.1867	15.95

Data File: B012712_007.d

Date: 27-JAN-2012 16:55

Client ID: 2012-FWCS-7 Instrument: FID-07.i

Sample Info: 600-49143-A-1-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-6 Lab Sample ID: 600-49143-2

Matrix: Solid Lab File ID: B012712_010.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 10:40

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.04(g) Date Analyzed: 01/27/2012 18:38

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: 26.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.33	U	33.9	6.33
STL00035	>C12-C28	8.21	U	33.9	8.21
STL00147	>C28-C35	13.0	U	33.9	13.0
STL00006	C6-C35	13.0	U	33.9	13.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	88		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_010.d
Lab Smp Id: 600-49143-B-2-A Client Smp ID: 2012-FWCS-6
Inj Date : 27-JAN-2012 18:38
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-2-A
Misc Info : 600-49143-B-2-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.040	Sample Weight
Uf	2.000	Unit Factor
M	26.477	% Moisture
Cpnd Variable		Local Compound Variable

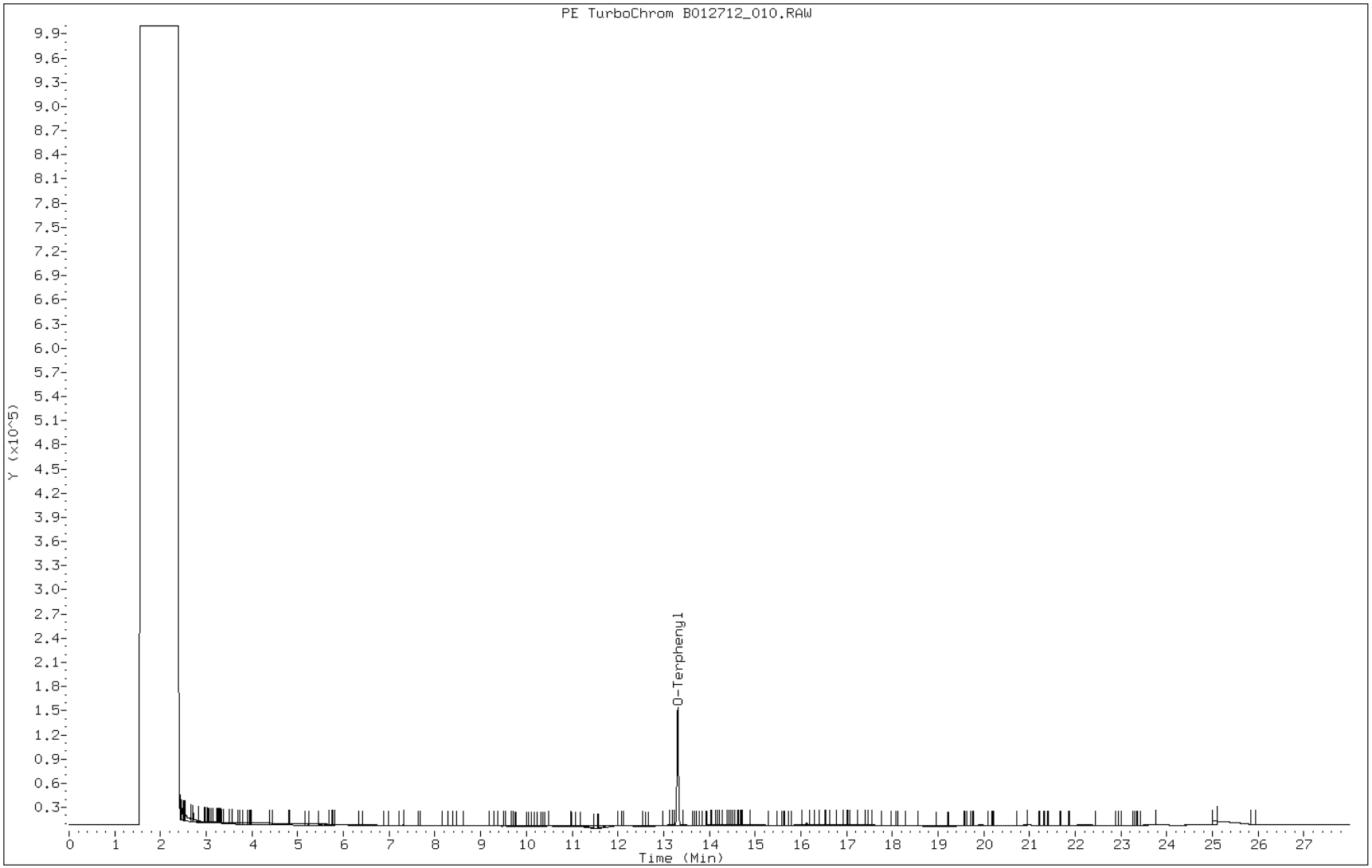
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	13.306	13.323	-0.017	342714	11.0255	14.94

Data File: B012712_010.d

Date: 27-JAN-2012 18:38

Client ID: 2012-FWCS-6 Instrument: FID-07.i

Sample Info: 600-49143-B-2-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-5 Lab Sample ID: 600-49143-3

Matrix: Solid Lab File ID: B012712_011.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 12:06

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.01(g) Date Analyzed: 01/27/2012 19:13

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: 23.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.12	U	32.8	6.12
STL00035	>C12-C28	7.95	U	32.8	7.95
STL00147	>C28-C35	12.6	U	32.8	12.6
STL00006	C6-C35	12.6	U	32.8	12.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_011.d
Lab Smp Id: 600-49143-B-3-A Client Smp ID: 2012-FWCS-5
Inj Date : 27-JAN-2012 19:13
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-3-A
Misc Info : 600-49143-B-3-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.010	Sample Weight
Uf	2.000	Unit Factor
M	23.810	% Moisture
Cpnd Variable		Local Compound Variable

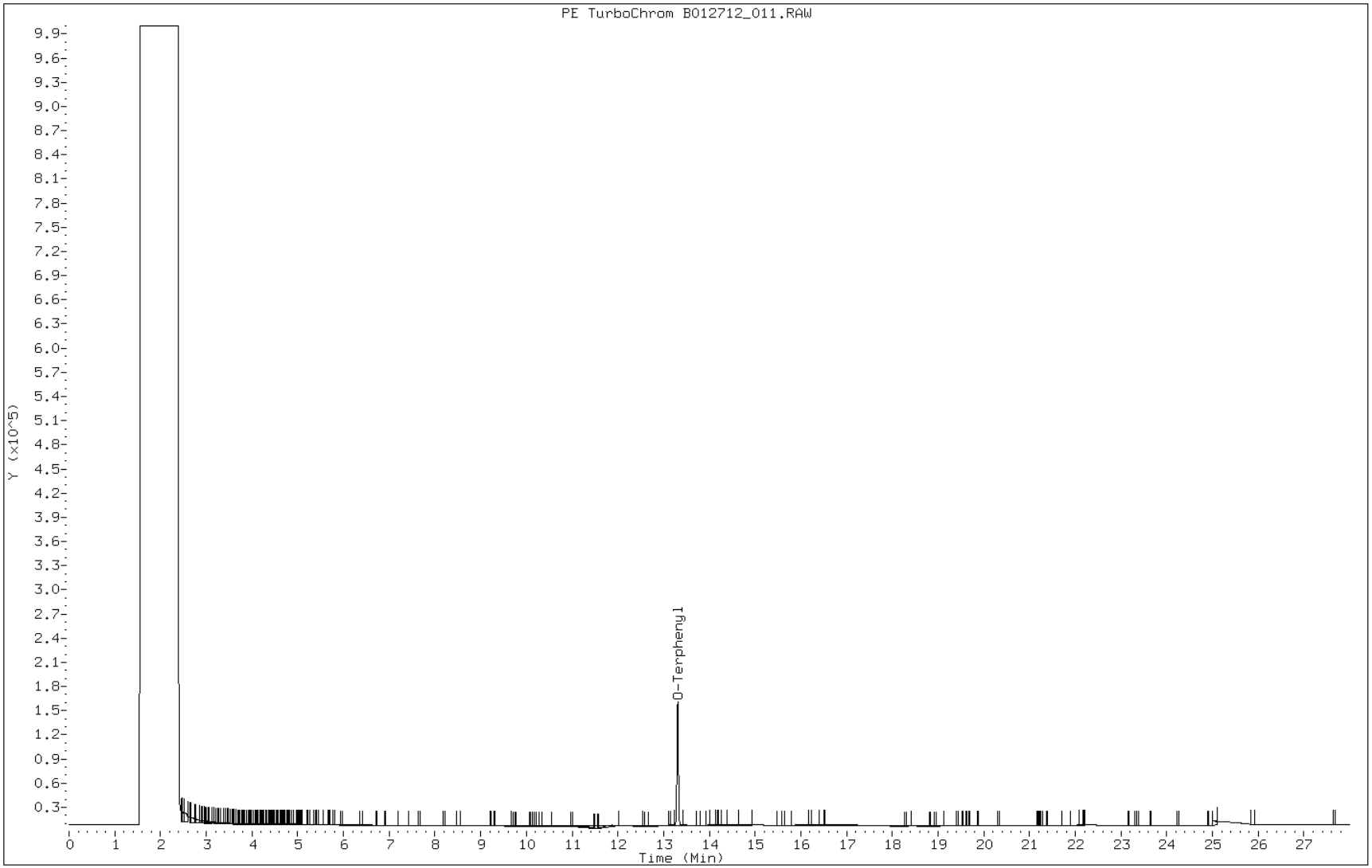
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	13.306	13.323	-0.017	356564	11.4711	15.04

Data File: B012712_011.d

Date: 27-JAN-2012 19:13

Client ID: 2012-FWCS-5 Instrument: FID-07.i

Sample Info: 600-49143-B-3-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-4 Lab Sample ID: 600-49143-4

Matrix: Solid Lab File ID: B012712_012.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 12:31

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.03(g) Date Analyzed: 01/27/2012 19:47

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: 29.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.58	U	35.2	6.58
STL00035	>C12-C28	8.54	U	35.2	8.54
STL00147	>C28-C35	13.5	U	35.2	13.5
STL00006	C6-C35	13.5	U	35.2	13.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	90		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_012.d
Lab Smp Id: 600-49143-B-4-A Client Smp ID: 2012-FWCS-4
Inj Date : 27-JAN-2012 19:47
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-4-A
Misc Info : 600-49143-B-4-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.030	Sample Weight
Uf	2.000	Unit Factor
M	29.231	% Moisture
Cpnd Variable		Local Compound Variable

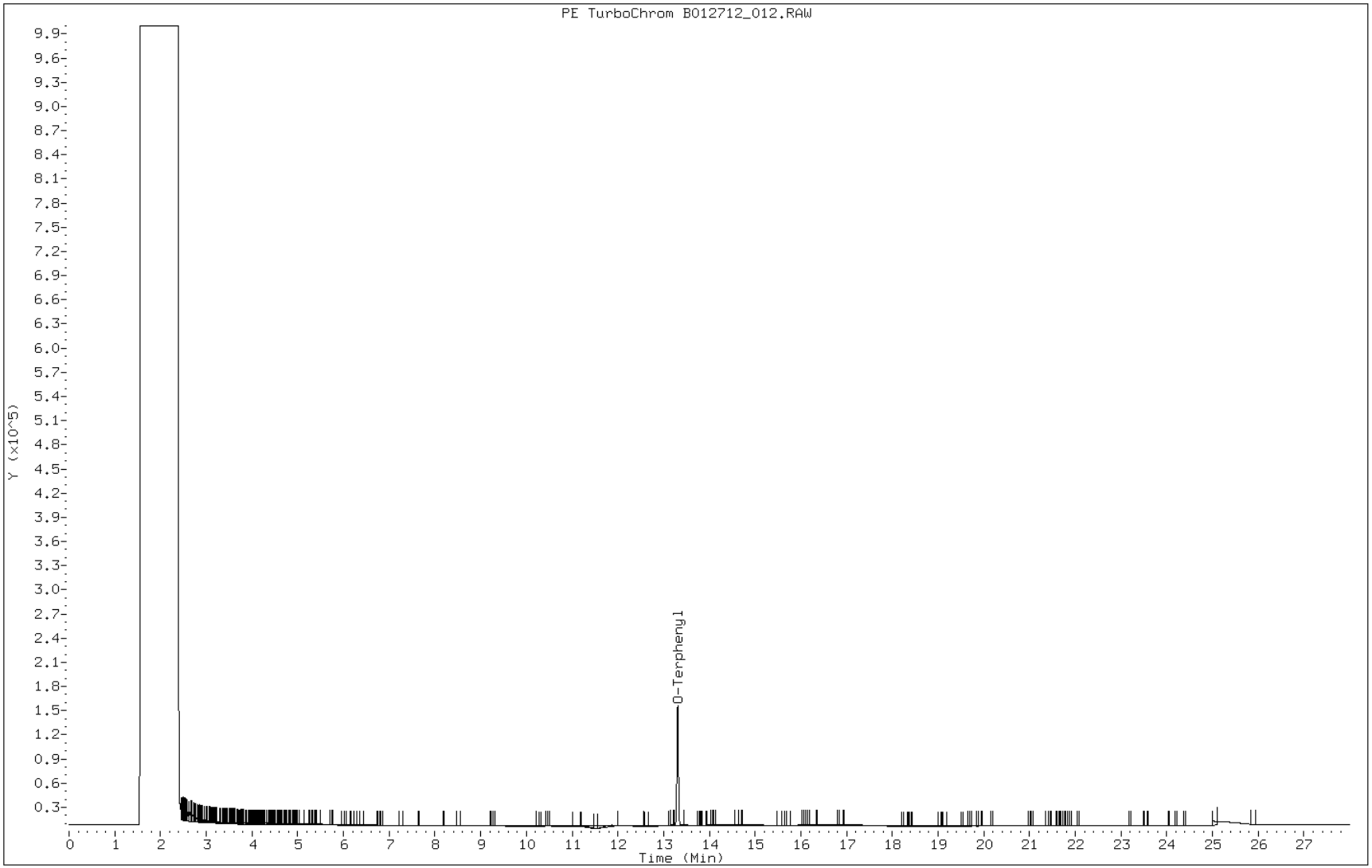
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	13.306	13.323	-0.017	351087	11.2949	15.91

Data File: B012712_012.d

Date: 27-JAN-2012 19:47

Client ID: 2012-FWCS-4 Instrument: FID-07.i

Sample Info: 600-49143-B-4-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-3 Lab Sample ID: 600-49143-5

Matrix: Solid Lab File ID: A012712_012.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 12:55

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.03(g) Date Analyzed: 01/27/2012 19:47

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 23.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	6.05	U	32.4	6.05
STL00035	>C12-C28	7.85	U	32.4	7.85
STL00147	>C28-C35	12.4	U	32.4	12.4
STL00006	C6-C35	12.4	U	32.4	12.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	104		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_012.d
Lab Smp Id: 600-49143-B-5-A Client Smp ID: 2012-FWCS-3
Inj Date : 27-JAN-2012 19:47
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-5-A
Misc Info : 600-49143-B-5-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.030	Sample Weight
Uf	2.000	Unit Factor
M	22.992	% Moisture
Cpnd Variable		Local Compound Variable

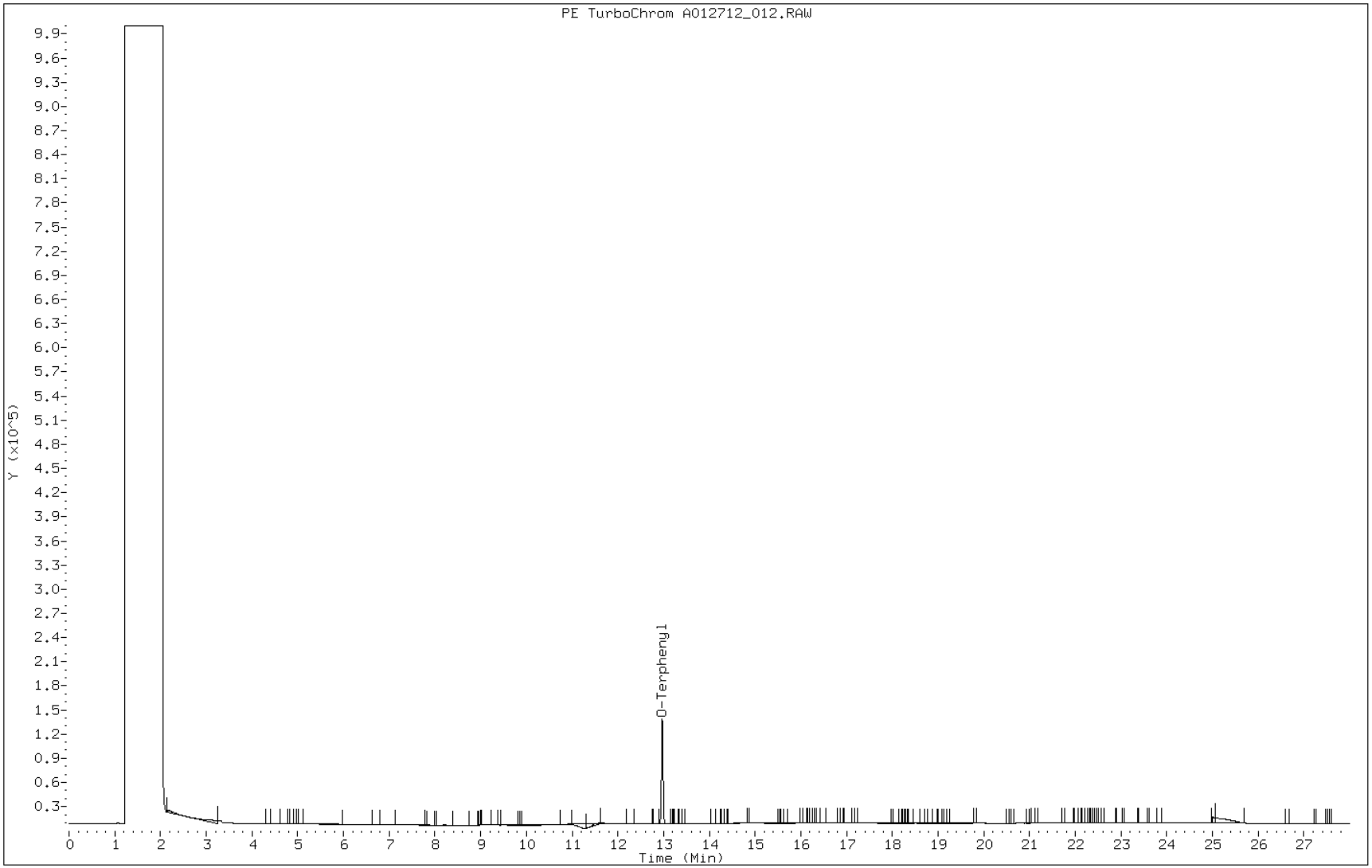
					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	12.970	13.021	-0.051	318500	12.9902	16.82

Data File: A012712_012.d

Date: 27-JAN-2012 19:47

Client ID: 2012-FWCS-3 Instrument: FID-07.i

Sample Info: 600-49143-B-5-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-2 Lab Sample ID: 600-49143-6

Matrix: Solid Lab File ID: A012712_014.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 13:19

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.03(g) Date Analyzed: 01/27/2012 20:56

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: 20.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	5.85	U	31.3	5.85
STL00035	>C12-C28	30.5	J	31.3	7.59
STL00147	>C28-C35	12.0	U	31.3	12.0
STL00006	C6-C35	30.5	J	31.3	12.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	107		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_014.d
Lab Smp Id: 600-49143-B-6-A Client Smp ID: 2012-FWCS-2
Inj Date : 27-JAN-2012 20:56
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-B-6-A
Misc Info : 600-49143-B-6-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.030	Sample Weight
Uf	2.000	Unit Factor
M	20.402	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(mg/Kg)
$ 4 O-Terphenyl	12.970	13.021	-0.051	328189		13.3854	16.77
S 2 >C12-C28	9.010-16.649			378030		24.3423	30.49(a)
S 5 Total C6-C35				378030		24.3423	30.49(a)

QC Flag Legend

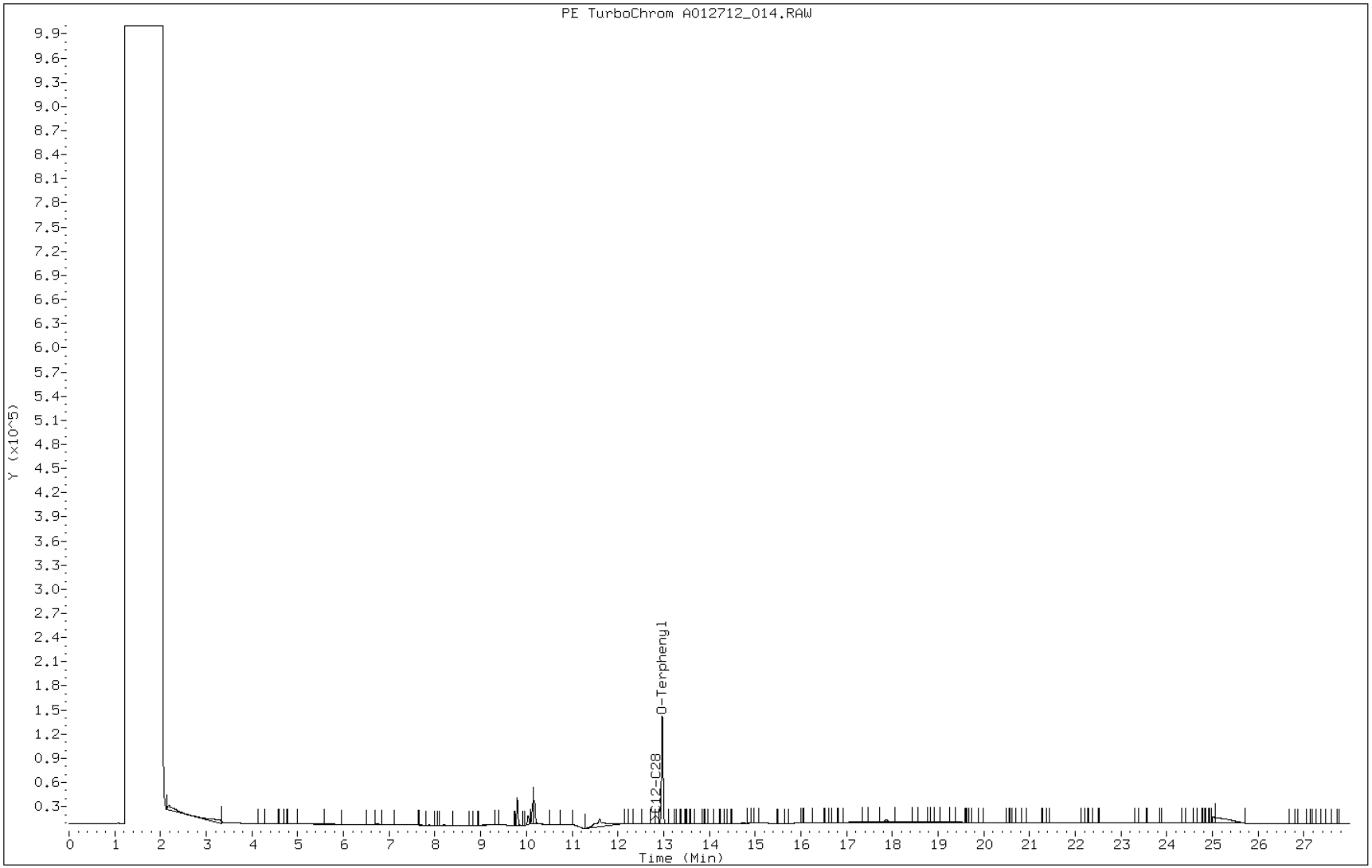
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: A012712_014.d

Date: 27-JAN-2012 20:56

Client ID: 2012-FWCS-2 Instrument: FID-07.i

Sample Info: 600-49143-B-6-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: Field Blank 4 Lab Sample ID: 600-49143-7

Matrix: Water Lab File ID: A012712_006.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 14:45

Extraction Method: TX_1005_W_Prep Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.70(mL) Date Analyzed: 01/27/2012 16:20

Con. Extract Vol.: 3.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.362	U	4.89	0.362
STL00035	>C12-C28	0.313	U	4.89	0.313
STL00147	>C28-C35	0.547	U	4.89	0.547
STL00006	C6-C35	0.547	U	4.89	0.547

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	116		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_006.d
Lab Smp Id: 600-49143-A-7-A Client Smp ID: Field Blank 4
Inj Date : 27-JAN-2012 16:20
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-7-A
Misc Info : 600-49143-A-7-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.700	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
$ 4 O-Terphenyl	12.970	13.021	-0.051	473105	19.2959	1.89(RM)

QC Flag Legend

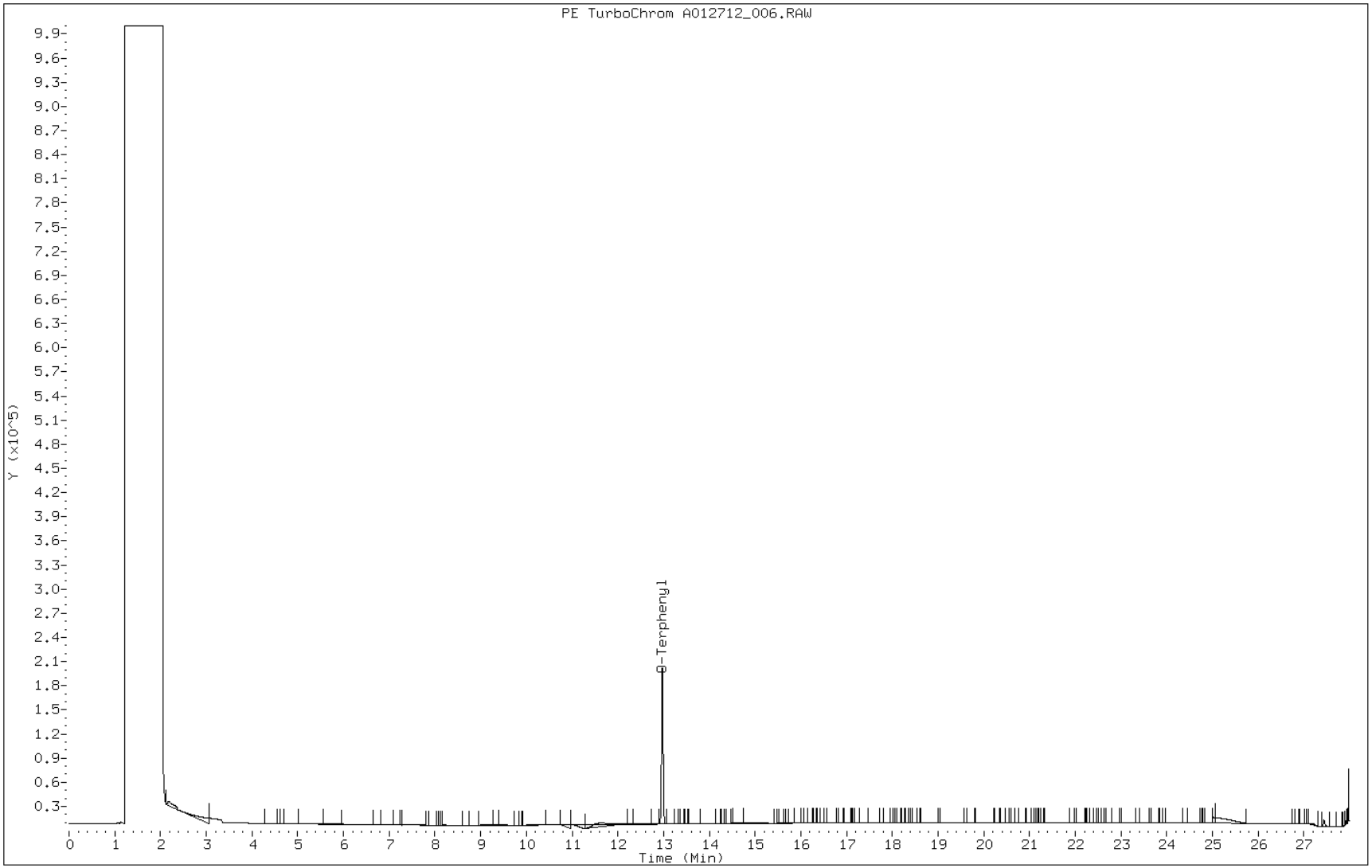
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: A012712_006.d

Date: 27-JAN-2012 16:20

Client ID: Field Blank 4 Instrument: FID-07.i

Sample Info: 600-49143-A-7-A Operator: vanderborghr



Manual Integration Report

Data File: A012712_006.d
Inj. Date and Time: 27-JAN-2012 16:20
Instrument ID: FID-07.i
Client ID: Field Blank 4
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/30/2012

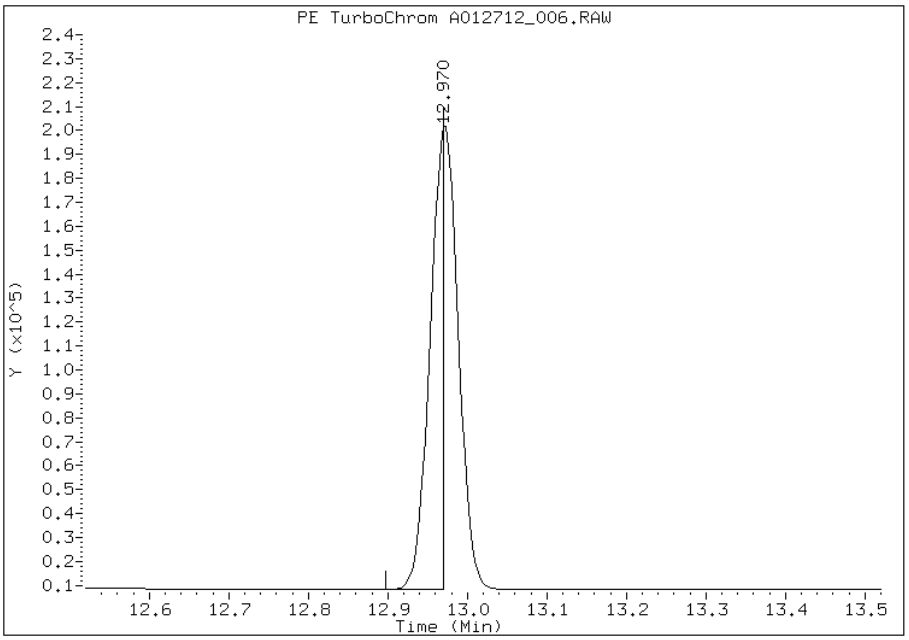
Processing Integration Results

RT: 12.97

Response: 222593

Amount: 9.08

Conc: 0.89



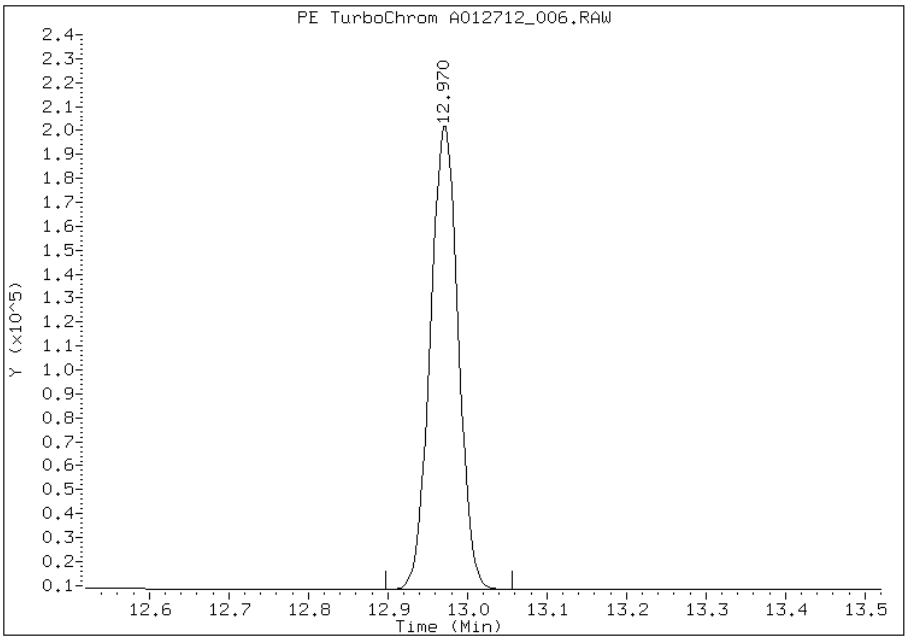
Manual Integration Results

RT: 12.97

Response: 473105

Amount: 19.30

Conc: 1.89



Manually Integrated By:
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: Equipment Blank 8 | Lab Sample ID: 600-49143-10

Matrix: Water | Lab File ID: A012712_007.d

Analysis Method: TX 1005 | Date Collected: 01/19/2012 16:09

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.83(mL) | Date Analyzed: 01/27/2012 16:55

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.360	U	4.87	0.360
STL00035	>C12-C28	0.311	U	4.87	0.311
STL00147	>C28-C35	0.545	U	4.87	0.545
STL00006	C6-C35	0.545	U	4.87	0.545

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	118		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_007.d
Lab Smp Id: 600-49143-C-10-A Client Smp ID: Equipment Blank 8
Inj Date : 27-JAN-2012 16:55
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-C-10-A
Misc Info : 600-49143-C-10-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.830	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$ 4 O-Terphenyl	12.970	13.021	-0.051	482917	19.6960	1.92(R)

QC Flag Legend

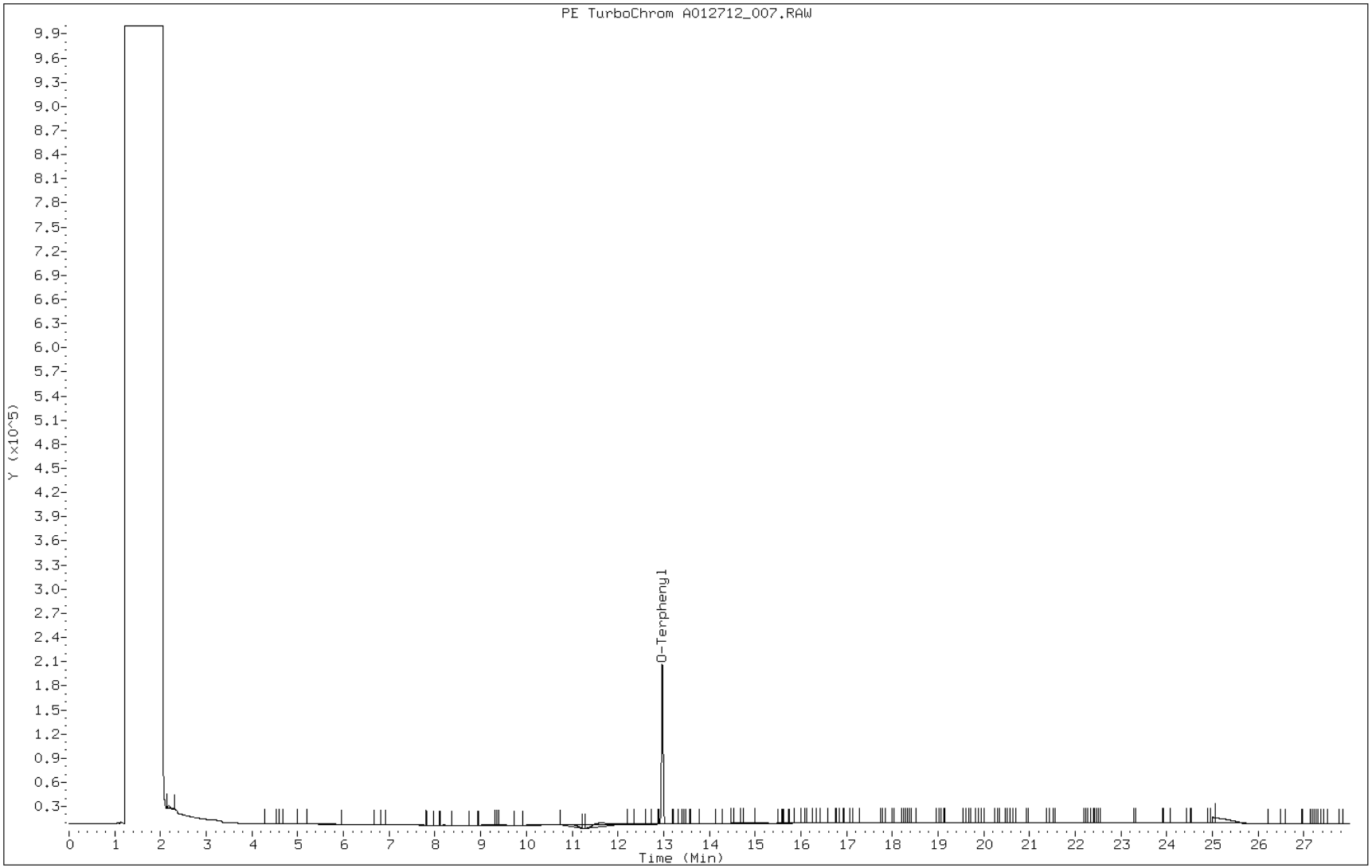
R - Spike/Surrogate failed recovery limits.

Data File: A012712_007.d

Date: 27-JAN-2012 16:55

Client ID: Equipment Blank 8 Instrument: FID-07.i

Sample Info: 600-49143-C-10-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Client Sample ID: Trip Blank 1/14/12 | Lab Sample ID: 600-49143-11

Matrix: Water | Lab File ID: A012712_008.d

Analysis Method: TX 1005 | Date Collected: 01/14/2012 00:00

Extraction Method: TX_1005_W_Prep | Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.47(mL) | Date Analyzed: 01/27/2012 17:29

Con. Extract Vol.: 3.00(mL) | Dilution Factor: 1

Injection Volume: 2(uL) | GC Column: RTX-5 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.364	U	4.92	0.364
STL00035	>C12-C28	0.315	U	4.92	0.315
STL00147	>C28-C35	0.551	U	4.92	0.551
STL00006	C6-C35	0.551	U	4.92	0.551

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	123		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_008.d
Lab Smp Id: 600-49143-A-11-A Client Smp ID: Trip Blank 1/14/12
Inj Date : 27-JAN-2012 17:29
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-11-A
Misc Info : 600-49143-A-11-A
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.470	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$ 4 O-Terphenyl	12.973	13.021	-0.048	502851	20.5091	2.02(R)

QC Flag Legend

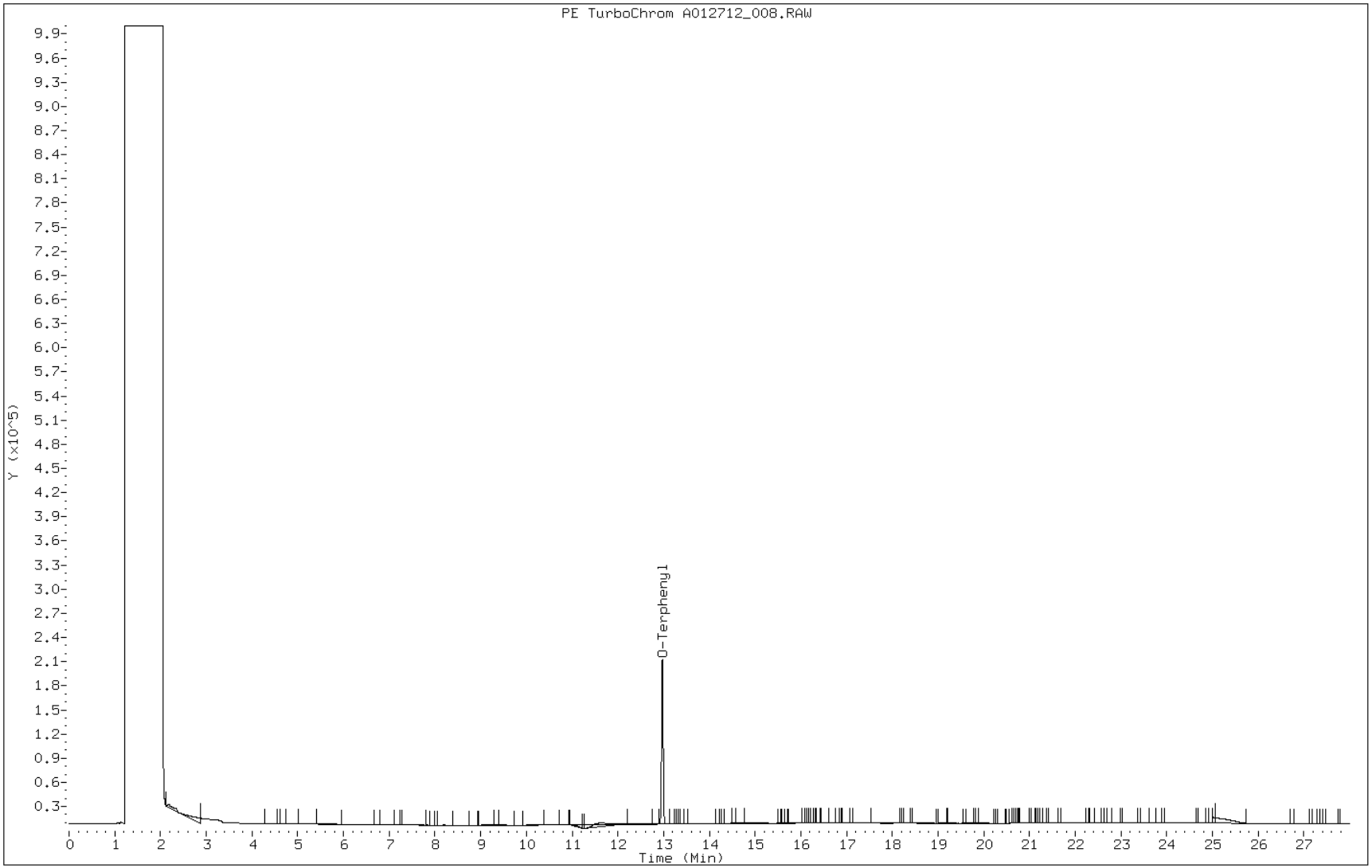
R - Spike/Surrogate failed recovery limits.

Data File: A012712_008.d

Date: 27-JAN-2012 17:29

Client ID: Trip Blank 1/14/12 Instrument: FID-07.i

Sample Info: 600-49143-A-11-A Operator: vanderborghr



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C12	5.600	5.600	5.600	5.600	5.600	5.600					2.200 - 9.000	5.600
C6-C35	11.300	11.300	11.300	11.300	11.300	11.300					2.200 - 20.400	11.300
>C12-C28	12.950	12.950	12.950	12.950	12.950	12.950					9.100 - 16.800	12.950
>C28-C35	18.650	18.650	18.650	18.650	18.650	18.650					16.900 - 20.400	18.650
o-Terphenyl	13.020	13.023	13.020	13.020	13.020	13.020					12.921 - 13.121	13.021

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
C6-C12	16123 17162	17773 18356	19650	16565	Ave		17604.6831				7.3		25.0			
C6-C35	41728 45820	50512 46805	56954	44506	Ave		47720.8340				11.2		25.0			
>C12-C28	13891 15254	15901 15244	18145	14744	Ave		15529.7532				9.3		25.0			
>C28-C35	11714 13405	16837 13206	19159	13197	Ave		14586.3976				19.3		25.0			
o-Terphenyl	22091 23450	26235 23373	29832	22130	Ave		24518.4833				12.3		30.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67686

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2011 15:35 Calibration End Date: 12/05/2011 19:06 Calibration ID: 762

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67686/25	A120511_004.d
Level 2	IC 600-67686/26	A120511_005.d
Level 3	ICRT 600-67686/27	A120511_006.d
Level 4	IC 600-67686/28	A120511_007.d
Level 5	IC 600-67686/29	A120511_008.d
Level 6	IC 600-67686/30	A120511_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
C6-C12	Ave	806158 18355550	1777290	3930005	6625971	13729229	50.0 1000	100	200	400	800
C6-C35	Ave	2086404 46805385	5051166	11390776	17802396	36656007	50.0 1000	100	200	400	800
>C12-C28	Ave	694535 15243813	1590134	3628920	5897706	12203041	50.0 1000	100	200	400	800
>C28-C35	Ave	585711 13206022	1683742	3831851	5278719	10723737	50.0 1000	100	200	400	800
o-Terphenyl	Ave	69033 1460790	163969	372899	553257	1172523	3.13 62.5	6.25	12.5	25.0	50.0

Curve Type Legend:
Ave = Average

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_004.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 15:35
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 004
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			806158	50.0000	45.79
$	4 O-Terphenyl	13.020	13.020	0.000	69033	3.12500	2.82(M)
S	2 >C12-C28	9.100-16.800			694535	50.0000	44.72
S	3 >C28-C35	16.899-20.400			585711	50.0000	40.15
S	5 Total C6-C35				2086404	50.0000	130.7

QC Flag Legend

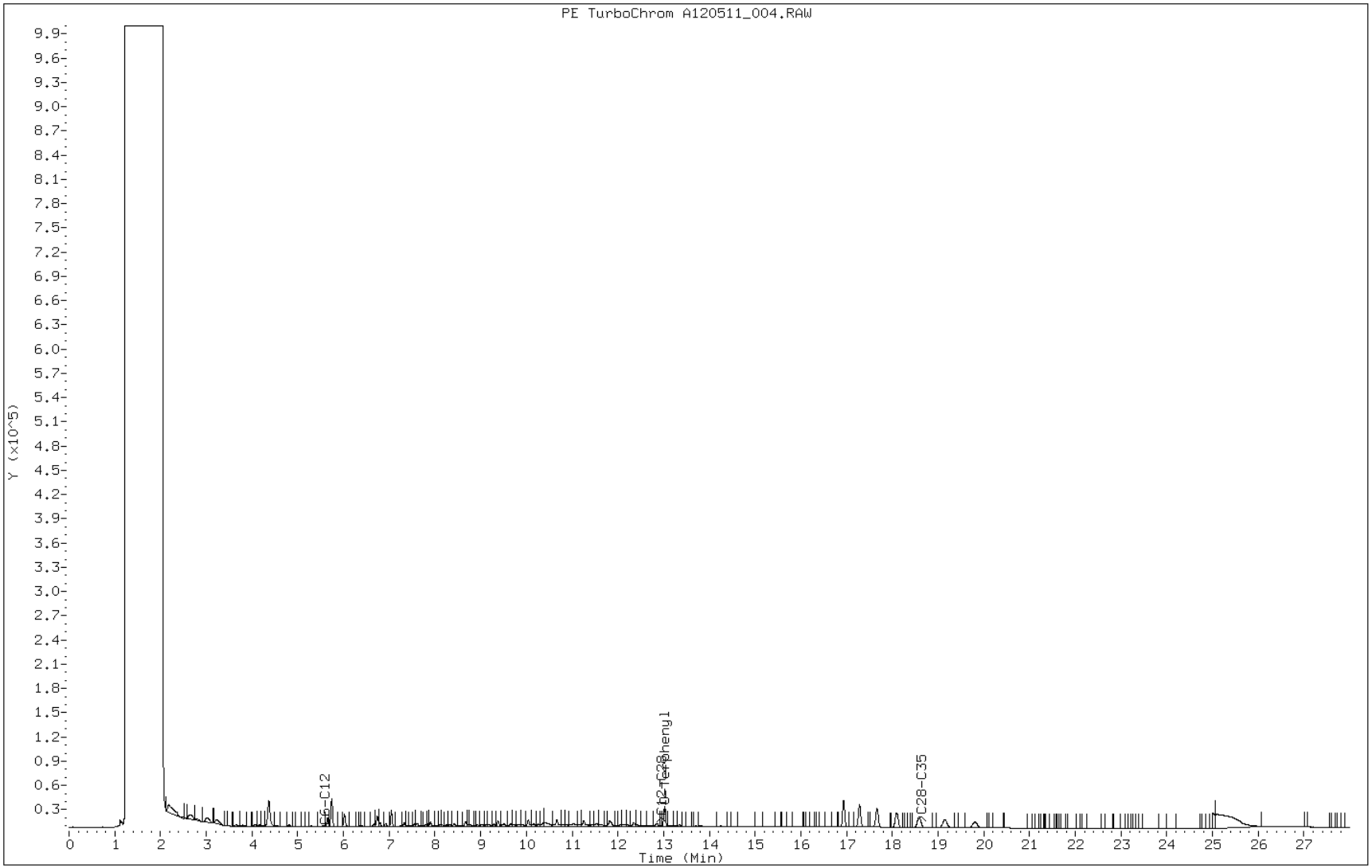
M - Compound response manually integrated.

Data File: A120511_004.d

Date: 05-DEC-2011 15:35

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: A120511_004.d
Inj. Date and Time: 05-DEC-2011 15:35
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/06/2011

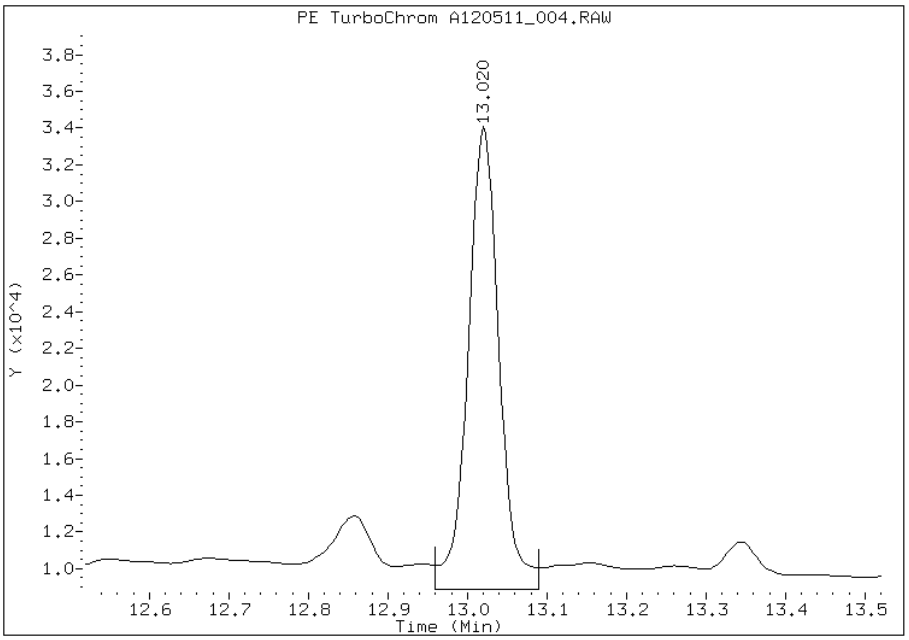
Processing Integration Results

RT: 13.02

Response: 68702

Amount: 2.80

Conc: 2.80



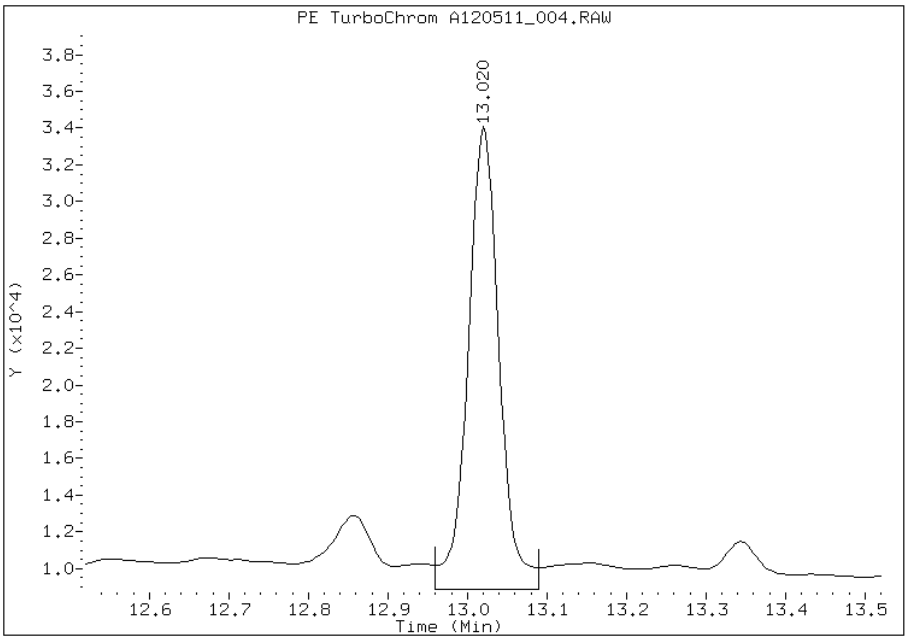
Manual Integration Results

RT: 13.02

Response: 69033

Amount: 2.82

Conc: 2.82



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_005.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 16:23
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 005
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 15:35 Cal File: A120511_004.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

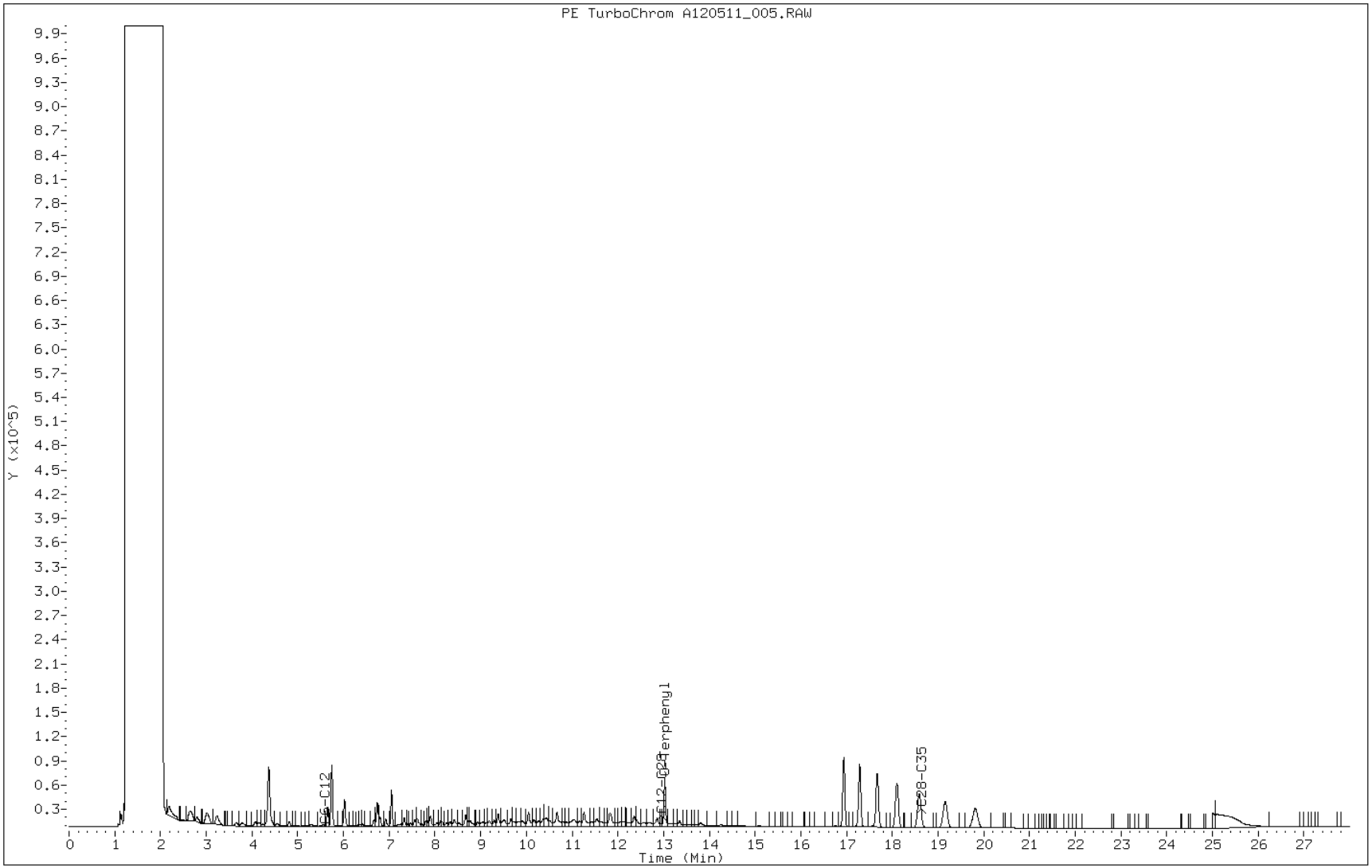
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			1777290	100.000	101.0
$	4 O-Terphenyl	13.023	13.020	0.003	163969	6.25000	6.69
S	2 >C12-C28	9.100-16.800			1590134	100.000	102.4
S	3 >C28-C35	16.899-20.400			1683742	100.000	115.4
S	5 Total C6-C35				5051166	100.000	318.8

Data File: A120511_005.d

Date: 05-DEC-2011 16:23

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_006.d
Lab Smp Id: ICRT
Inj Date : 05-DEC-2011 17:03
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 006
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 07-Dec-2011 15:25 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 16:23 Cal File: A120511_005.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			3930005	200.000	223.2
$	4 O-Terphenyl	13.020	13.020	0.000	372899	12.5000	15.21
S	2 >C12-C28	9.010-16.649			3628920	200.000	233.7(M)
S	3 >C28-C35	16.651-20.400			3831851	200.000	262.7(M)
S	5 Total C6-C35				11390776	200.000	719.6

QC Flag Legend

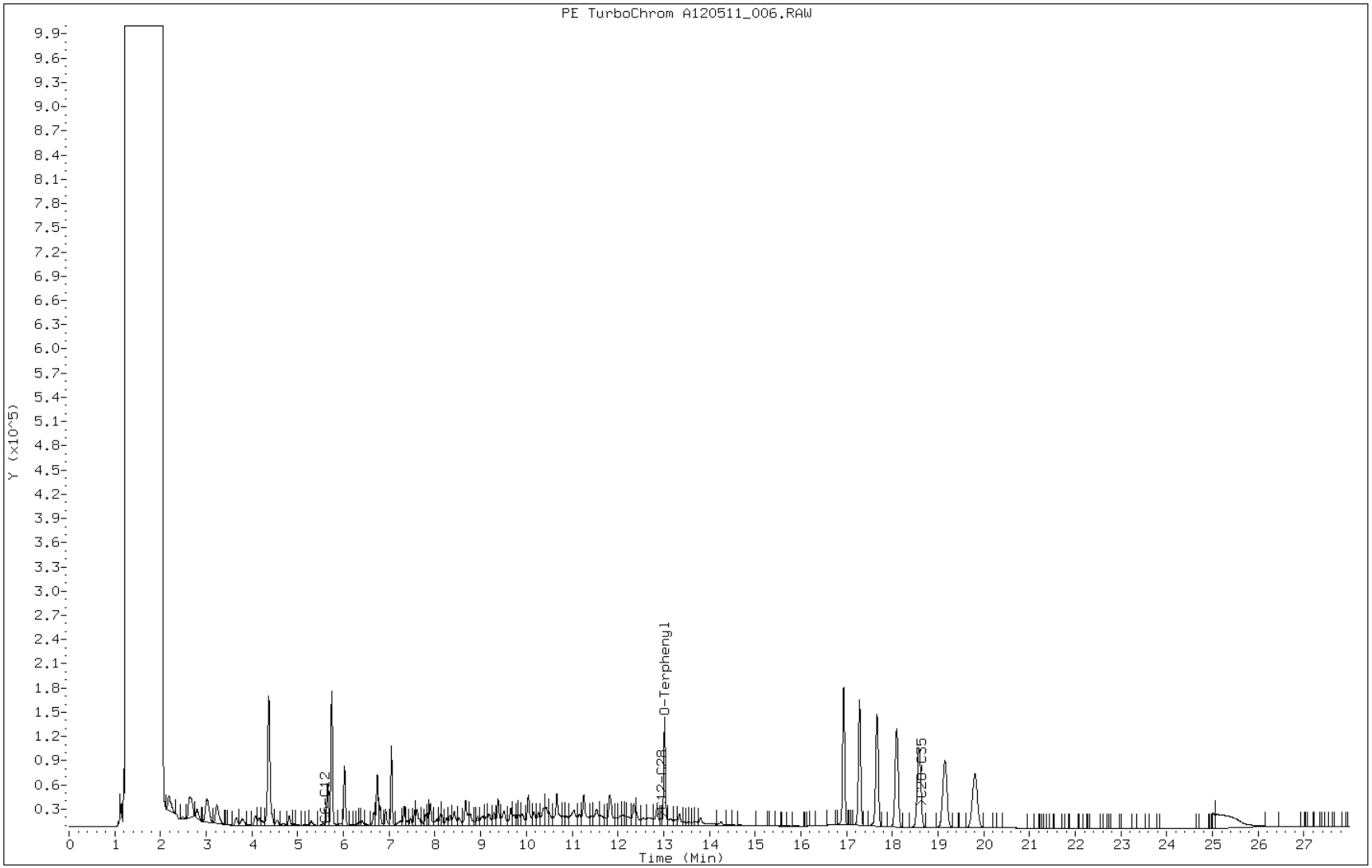
M - Compound response manually integrated.

Data File: A120511_006.d

Date: 05-DEC-2011 17:03

Client ID: Instrument: FID-07.i

Sample Info: ICRT Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_007.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 17:44
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 007
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:03 Cal File: A120511_006.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200	-9.000		6625971	400.000	376.4
$	4 O-Terphenyl	13.020	13.020	0.000	553257	25.0000	22.56
S	2 >C12-C28	9.100	-16.800		5897706	400.000	379.8
S	3 >C28-C35	16.899	-20.400		5278719	400.000	361.9
S	5 Total C6-C35				17802396	400.000	1118

Data File: A120511_007.d

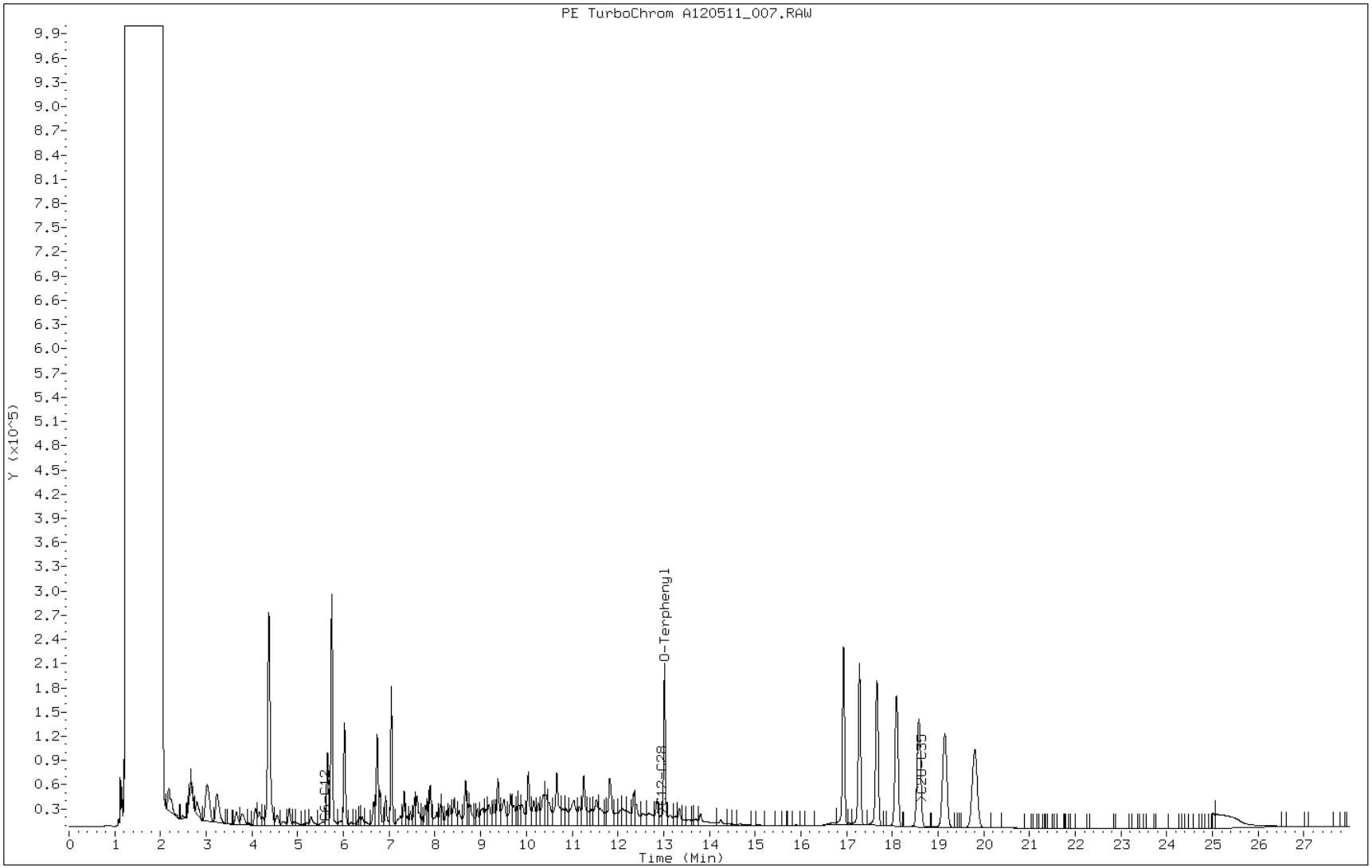
Date: 05-DEC-2011 17:44

Client ID:

Instrument: FID-07.i

Sample Info: IC

Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_008.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 18:25
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 008
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 17:44 Cal File: A120511_007.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

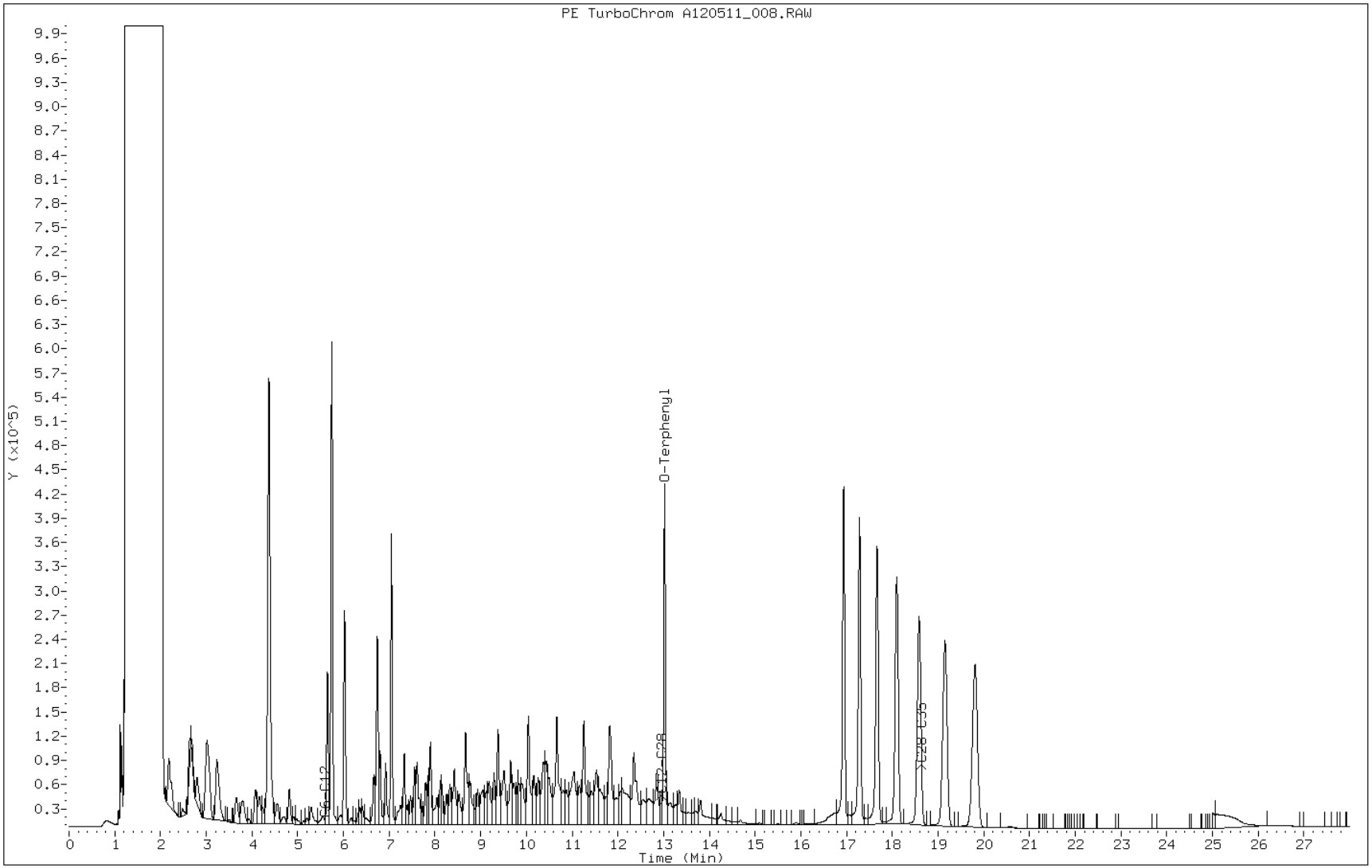
						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			13729229	800.000	779.9
$	4 O-Terphenyl	13.020	13.020	0.000	1172523	50.0000	47.82
S	2 >C12-C28	9.100-16.800			12203041	800.000	785.8
S	3 >C28-C35	16.899-20.400			10723737	800.000	735.2
S	5 Total C6-C35				36656007	800.000	2301

Data File: A120511_008.d

Date: 05-DEC-2011 18:25

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\120511A.b\A120511_009.d
Lab Smp Id: IC
Inj Date : 05-DEC-2011 19:06
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 009
Comment :
Method : \\housvr4\chem\FID-07.i\120511A.b\1005A.m
Meth Date : 06-Dec-2011 11:37 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 18:25 Cal File: A120511_008.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC159

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.200-9.000			18355550	1000.00	1043(A)
$	4 O-Terphenyl	13.020	13.020	0.000	1460790	62.5000	59.58
S	2 >C12-C28	9.100-16.800			15243813	1000.00	981.6
S	3 >C28-C35	16.899-20.400			13206022	1000.00	905.4
S	5 Total C6-C35				46805385	1000.00	2930

QC Flag Legend

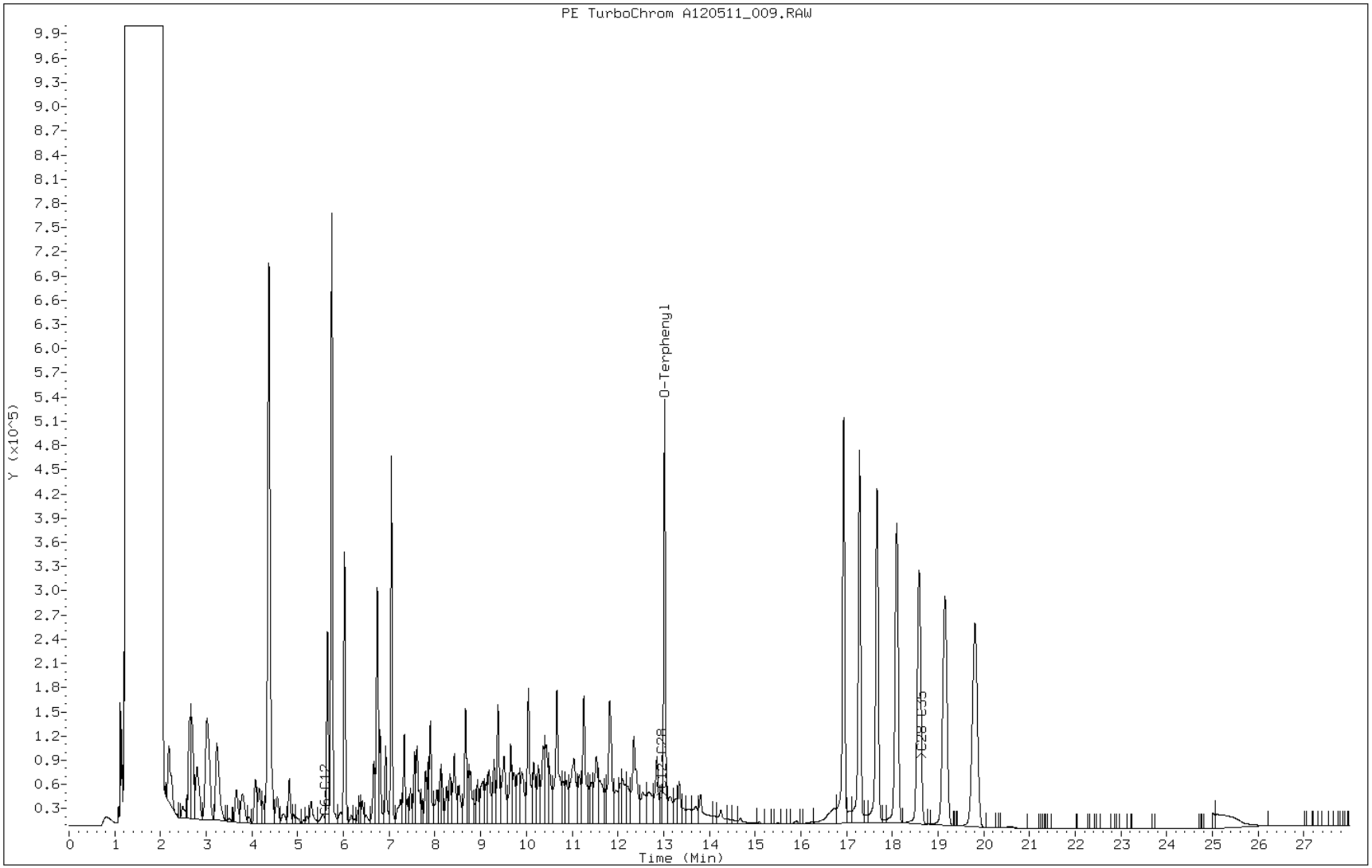
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: A120511_009.d

Date: 05-DEC-2011 19:06

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
C6-C12	5.050	5.050	5.050	5.050	5.050	5.050	5.050				2.600 - 7.500	5.050
>C12-C28	11.455	11.455	11.455	11.455	11.455	11.455	11.455				7.510 - 15.400	11.455
C6-C35	11.700	11.700	11.700	11.700	11.700	11.700	11.700				2.600 - 20.800	11.700
>C28-C35	18.105	18.105	18.105	18.105	18.105	18.105	18.105				15.410 - 20.800	18.105
o-Terphenyl	13.323	13.323	13.323	13.323	13.320	13.323	13.323				13.223 - 13.423	13.323

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
C6-C12	18394 16069	18061 16539	17201 15810	16159	Ave		16890.3479				6.0		25.0			
>C12-C28	20769 24589	22641 25121	24341 24317	24211	Ave		23712.6569				6.3		25.0			
C6-C35	62470 62390	64382 64906	66738 62992	63392	Ave		63895.9426				2.4		25.0			
>C28-C35	23308 21732	23680 23246	25197 22865	23023	Ave		23292.9378				4.5		25.0			
o-Terphenyl	31428 29706	32314 31298	32224 30288	30328	Ave		31083.6926				3.2		30.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-49143-1 Analy Batch No.: 67901

SDG No.:

Instrument ID: FID07 GC Column: RTX-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/08/2011 17:54 Calibration End Date: 12/08/2011 21:43 Calibration ID: 767

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-67901/1	B120811_003.d
Level 2	IC 600-67901/2	B120811_004.d
Level 3	IC 600-67901/3	B120811_005.d
Level 4	ICRT 600-67901/4	B120811_006.d
Level 5	IC 600-67901/5	B120811_007.d
Level 6	IC 600-67901/6	B120811_008.d
Level 7	IC 600-67901/7	B120811_009.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
C6-C12	Ave	459846 13231331	903029 15810439	1720056	3231767	6427607	25.0 800	50.0 1000	100	200	400
>C12-C28	Ave	519221 20096874	1132058 24316636	2434090	4842155	9835678	25.0 800	50.0 1000	100	200	400
C6-C35	Ave	1561761 51924920	3219090 62992463	6673808	12678475	24956116	25.0 800	50.0 1000	100	200	400
>C28-C35	Ave	582694 18596715	1184003 22865388	2519662	4604553	8692831	25.0 800	50.0 1000	100	200	400
o-Terphenyl	Ave	49106 1564880	100980 1893028	201402	379097	742657	1.56 50.0	3.13 62.5	6.25	12.5	25.0

Curve Type Legend:
Ave = Average

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_003.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 17:54
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			459846	25.0000	27.23
$	4 O-Terphenyl	13.323	13.322	0.001	49106	1.56250	1.58(M)
S	2 >C12-C28	7.510-15.400			519221	25.0000	21.90
S	3 >C28-C35	15.410-20.800			582694	25.0000	25.02
S	5 Total C6-C35				1561761	25.0000	74.14

QC Flag Legend

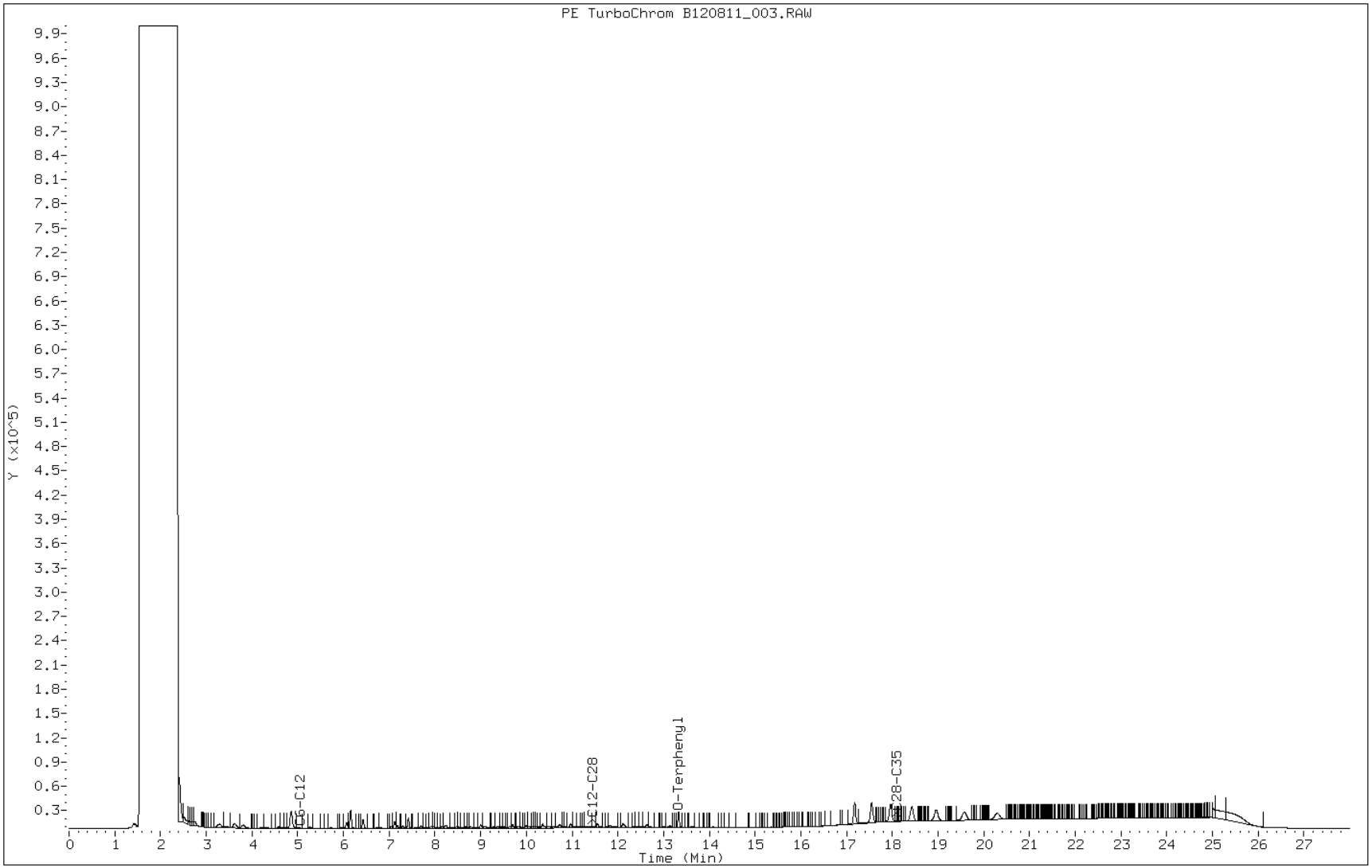
M - Compound response manually integrated.

Data File: B120811_003.d

Date: 08-DEC-2011 17:54

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_003.d
Inj. Date and Time: 08-DEC-2011 17:54
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

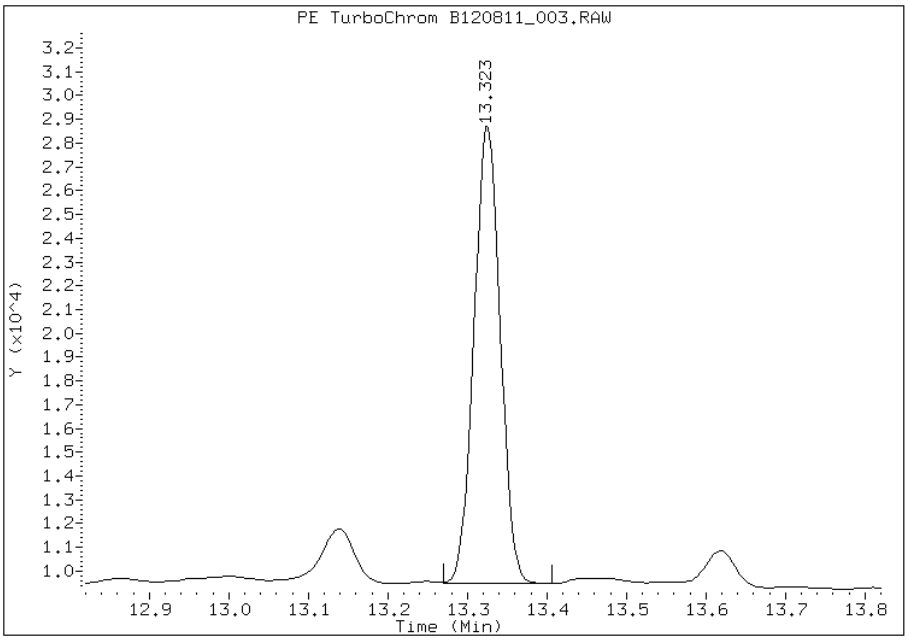
Processing Integration Results

RT: 13.32

Response: 44181

Amount: 1.51

Conc: 1.51



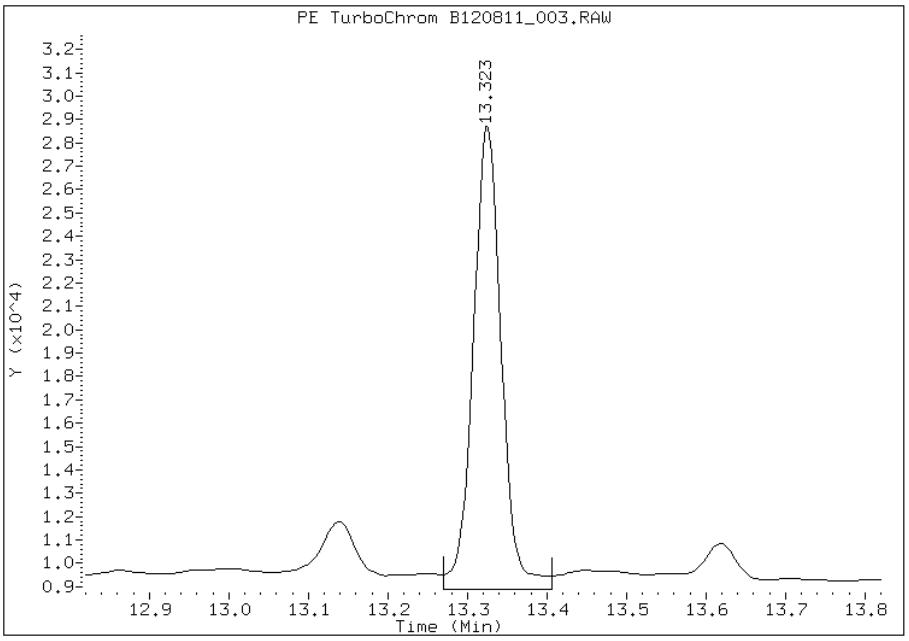
Manual Integration Results

RT: 13.32

Response: 49106

Amount: 1.58

Conc: 1.58



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_004.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 18:33
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 17:54 Cal File: B120811_003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			903029	50.0000	53.46
$	4 O-Terphenyl	13.323	13.322	0.001	100980	3.12500	3.25(M)
S	2 >C12-C28	7.510-15.400			1132058	50.0000	47.74
S	3 >C28-C35	15.410-20.800			1184003	50.0000	50.83
S	5 Total C6-C35				3219090	50.0000	152.0

QC Flag Legend

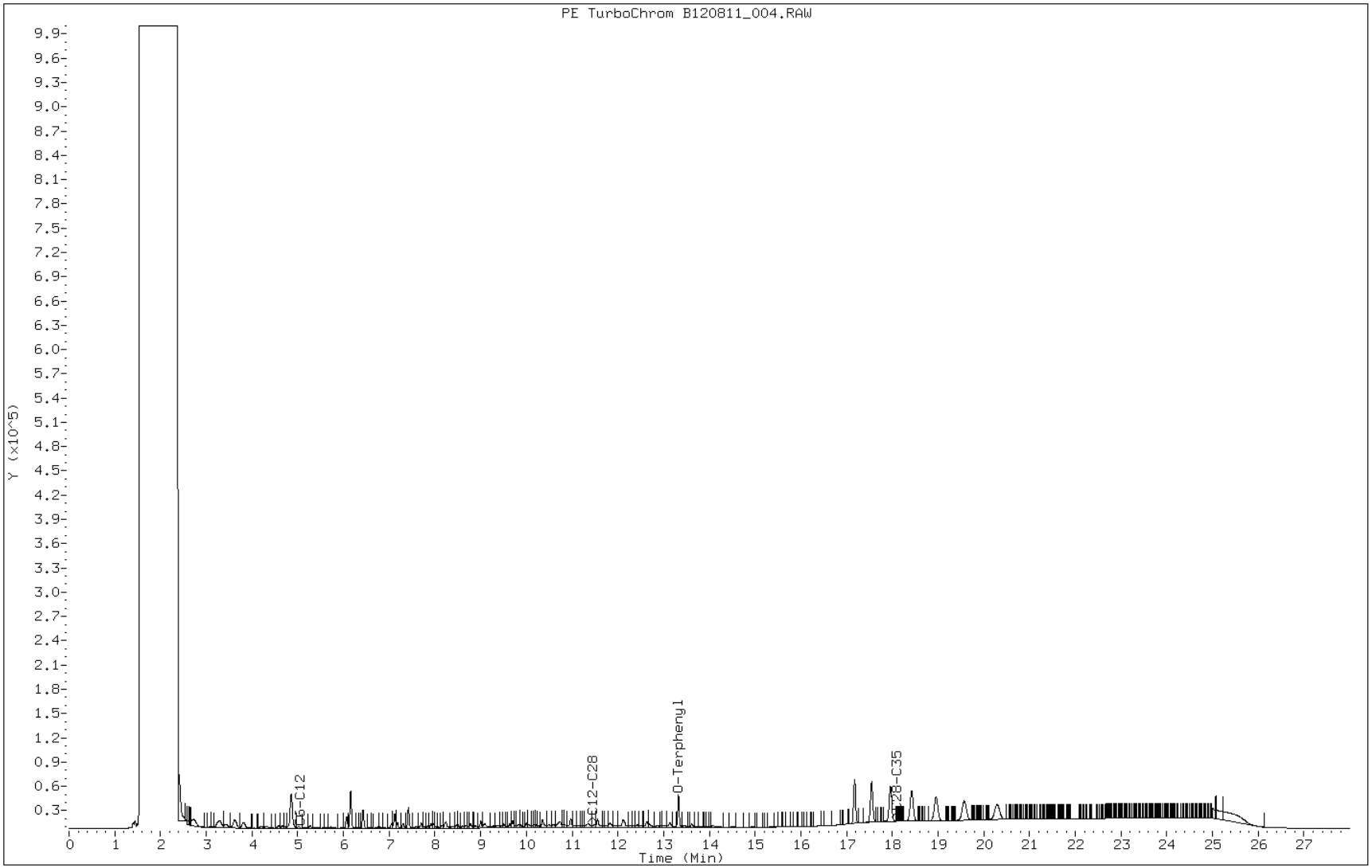
M - Compound response manually integrated.

Data File: B120811_004.d

Date: 08-DEC-2011 18:33

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_004.d
Inj. Date and Time: 08-DEC-2011 18:33
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

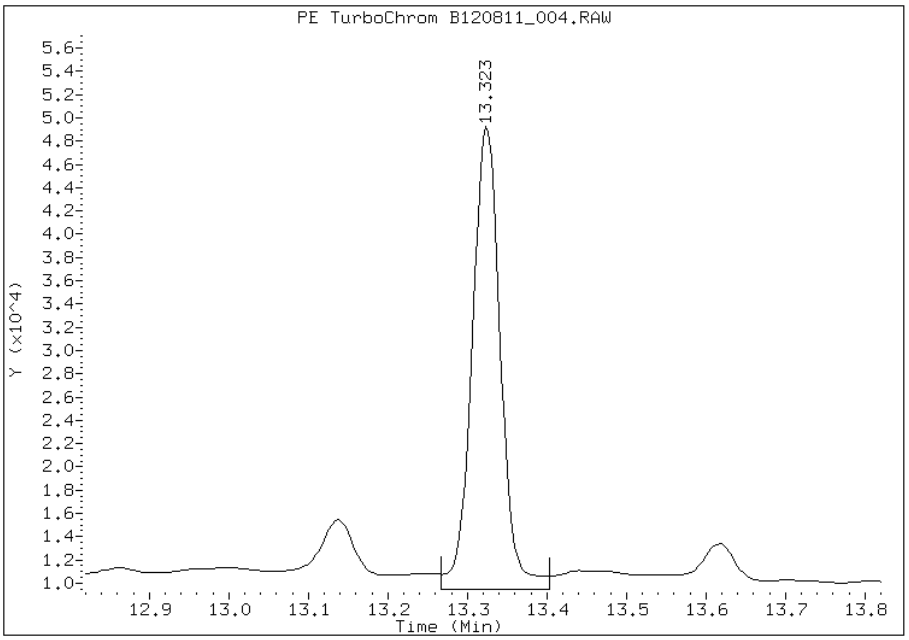
Processing Integration Results

RT: 13.32

Response: 99189

Amount: 3.21

Conc: 3.21



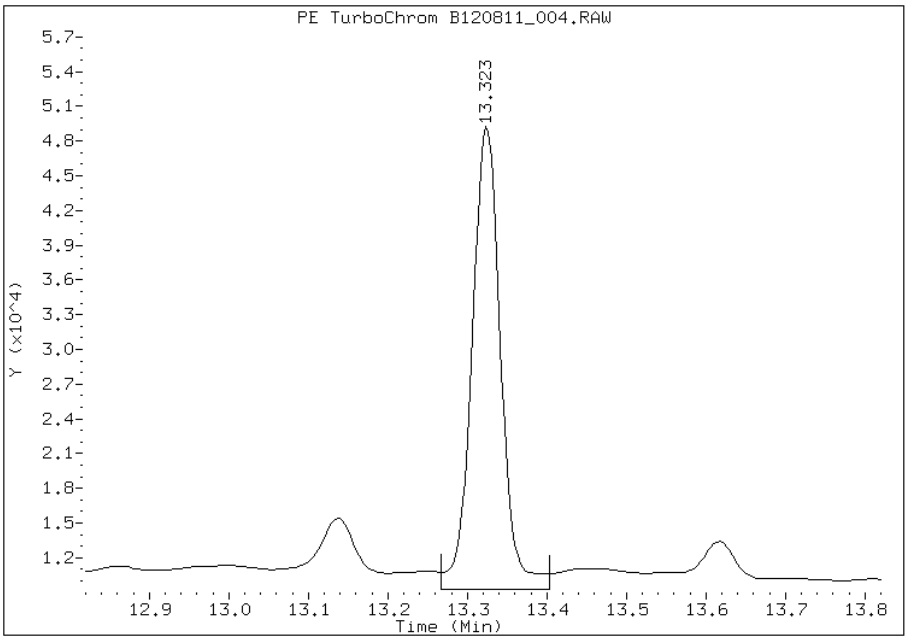
Manual Integration Results

RT: 13.32

Response: 100980

Amount: 3.25

Conc: 3.25



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_005.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 19:11
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 055
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 18:33 Cal File: B120811_004.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			1720056	100.000	101.8
$	4 O-Terphenyl	13.323	13.322	0.001	201402	6.25000	6.48(M)
S	2 >C12-C28	7.510-15.400			2434090	100.000	102.6
S	3 >C28-C35	15.410-20.800			2519662	100.000	108.2
S	5 Total C6-C35				6673808	100.000	312.7

QC Flag Legend

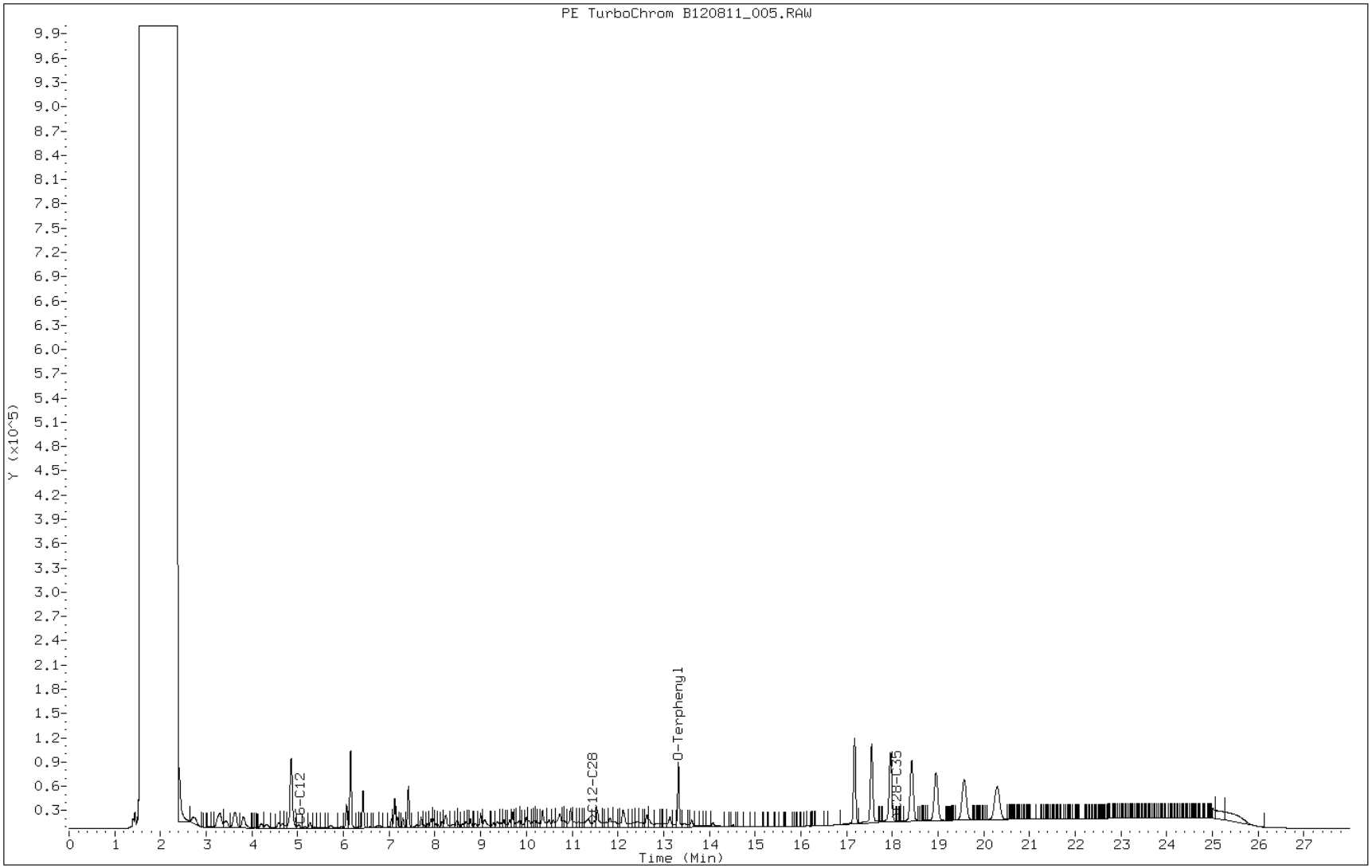
M - Compound response manually integrated.

Data File: B120811_005.d

Date: 08-DEC-2011 19:11

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_005.d
Inj. Date and Time: 08-DEC-2011 19:11
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

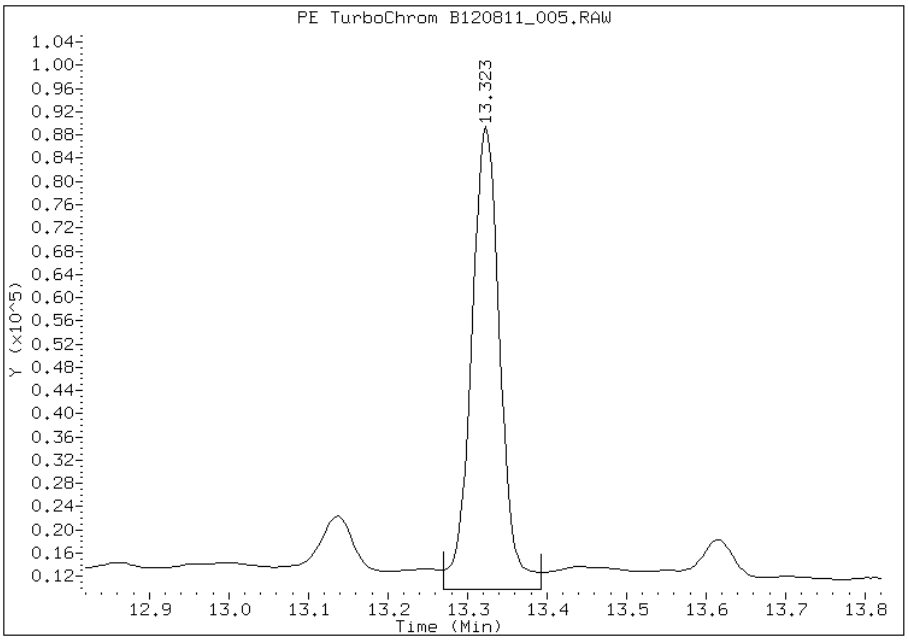
Processing Integration Results

RT: 13.32

Response: 200177

Amount: 6.47

Conc: 6.47



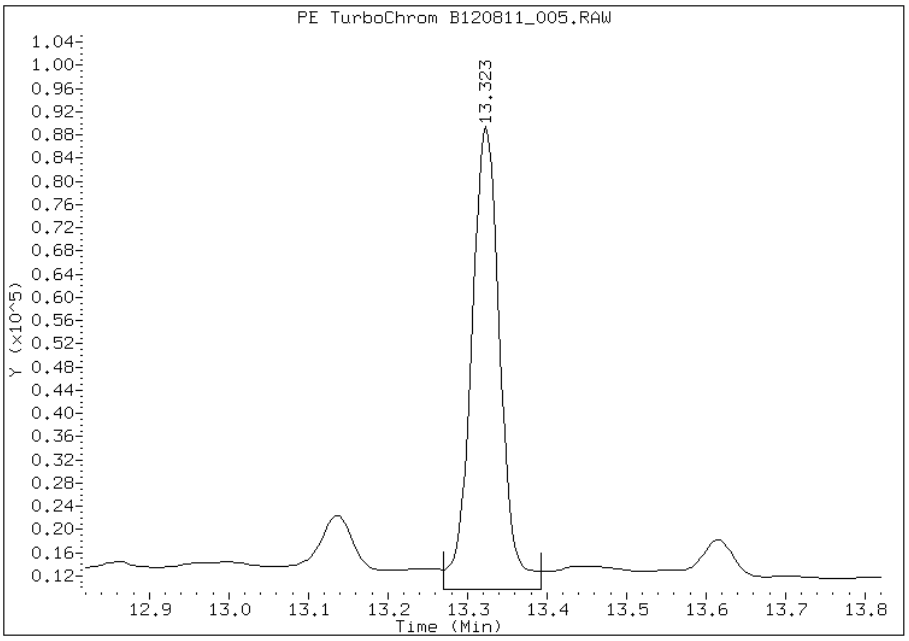
Manual Integration Results

RT: 13.32

Response: 201402

Amount: 6.48

Conc: 6.48



Manually Integrated By:
Manual Integration Reason:

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_006.d
Lab Smp Id: ICRT
Inj Date : 08-DEC-2011 19:49
Operator : kuventr Inst ID: FID-07.i
Smp Info : ICRT
Misc Info : 056
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:11 Cal File: B120811_005.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			3231767	200.000	191.3
$	4 O-Terphenyl	13.323	13.322	0.001	379097	12.5000	12.20(M)
S	2 >C12-C28	7.510-15.400			4842155	200.000	204.2
S	3 >C28-C35	15.410-20.800			4604553	200.000	197.7
S	5 Total C6-C35				12678475	200.000	593.2

QC Flag Legend

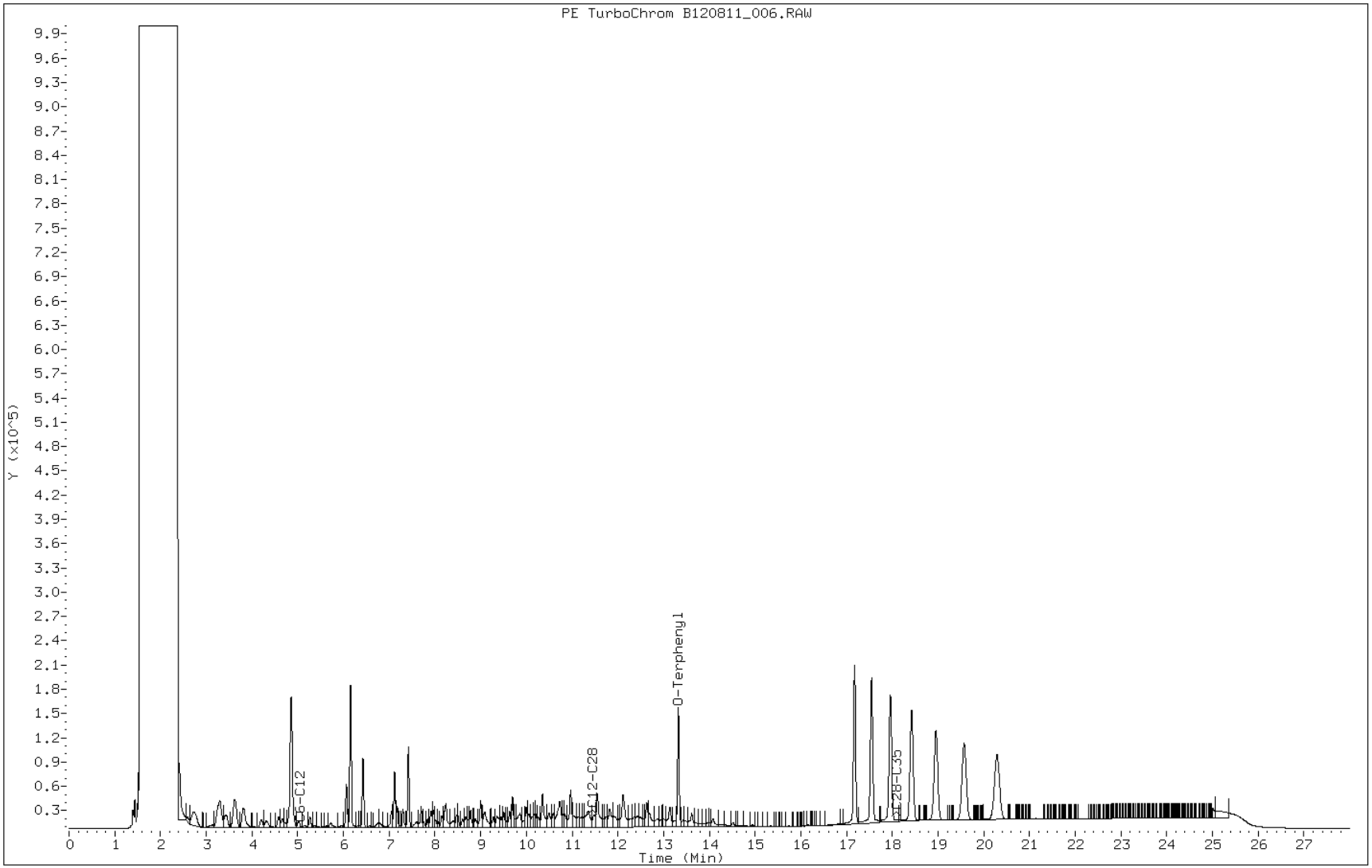
M - Compound response manually integrated.

Data File: B120811_006.d

Date: 08-DEC-2011 19:49

Client ID: Instrument: FID-07.i

Sample Info: ICRT Operator: kuventr



Manual Integration Report

Data File: B120811_006.d
Inj. Date and Time: 08-DEC-2011 19:49
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

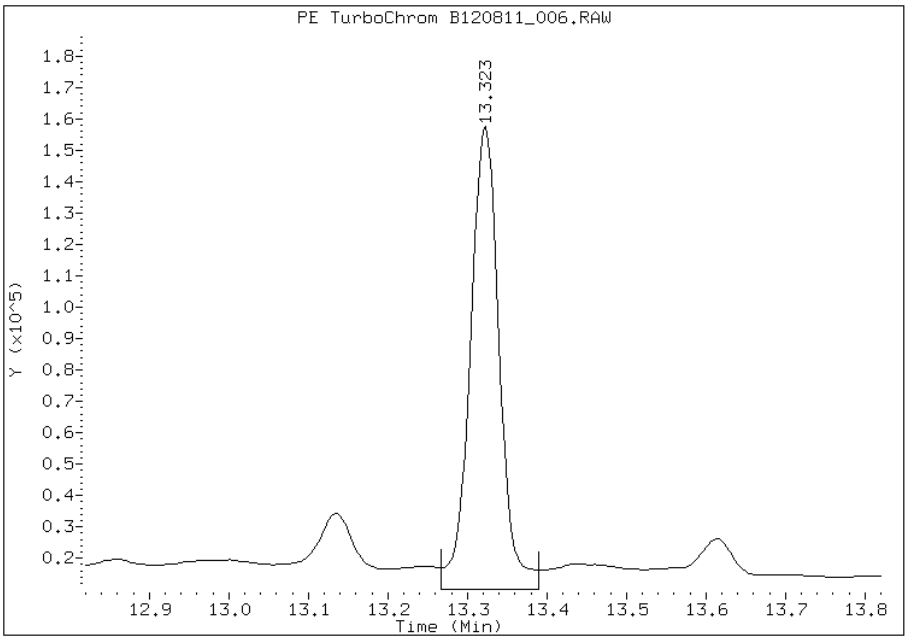
Processing Integration Results

RT: 13.32

Response: 375923

Amount: 12.14

Conc: 12.14



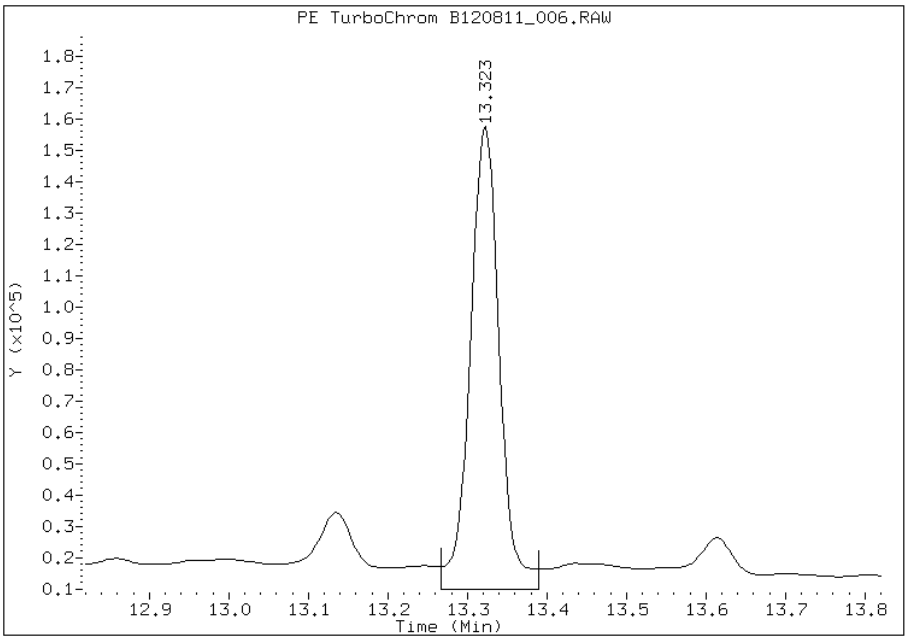
Manual Integration Results

RT: 13.32

Response: 379097

Amount: 12.20

Conc: 12.20



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_007.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 20:28
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 057
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 19:49 Cal File: B120811_006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600	-7.500		6427607	400.000	380.5
$	4 O-Terphenyl	13.320	13.322	-0.002	742657	25.0000	23.89(M)
S	2 >C12-C28	7.510	-15.400		9835678	400.000	414.8
S	3 >C28-C35	15.410	-20.800		8692831	400.000	373.2
S	5 Total C6-C35				24956116	400.000	1169

QC Flag Legend

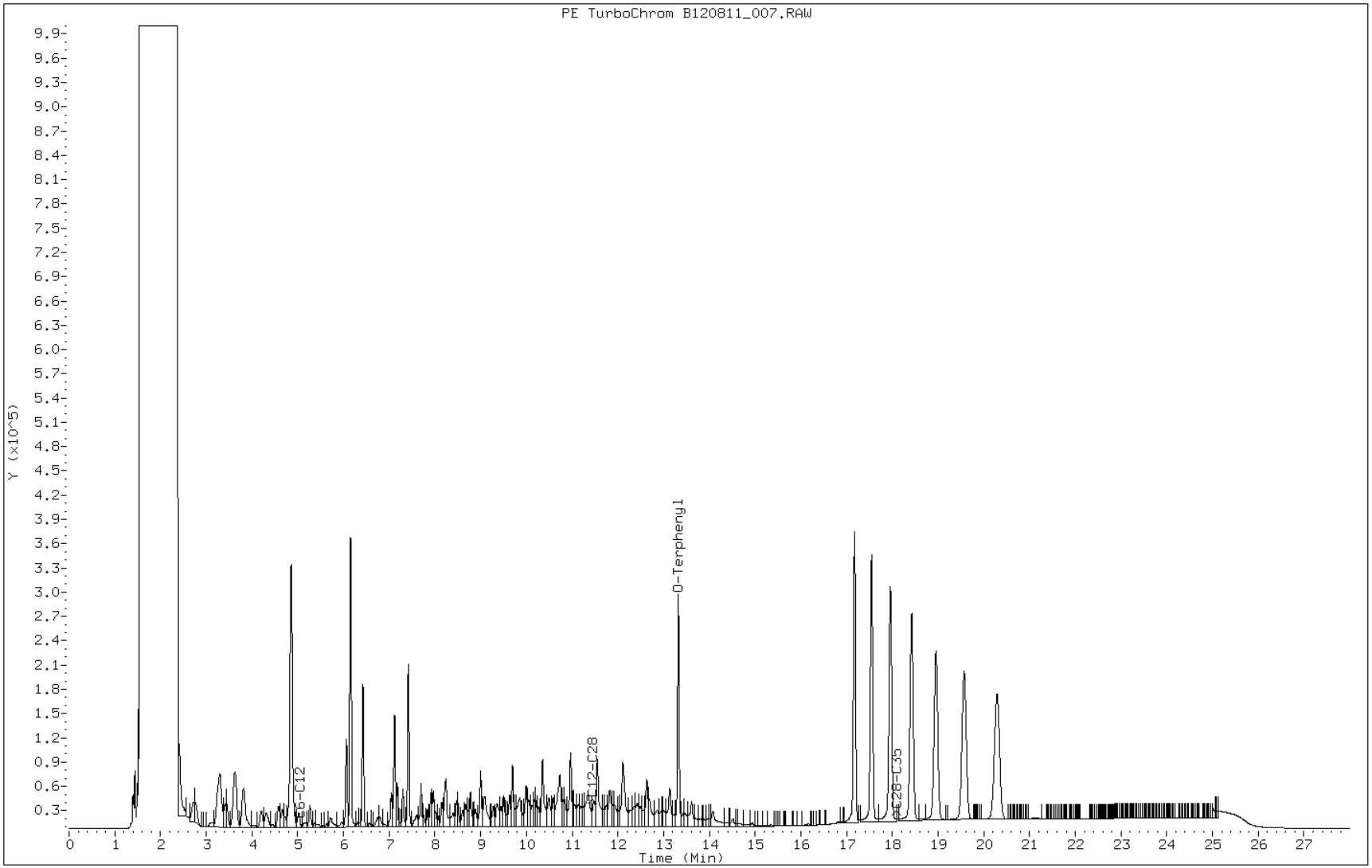
M - Compound response manually integrated.

Data File: B120811_007.d

Date: 08-DEC-2011 20:28

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_007.d
Inj. Date and Time: 08-DEC-2011 20:28
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

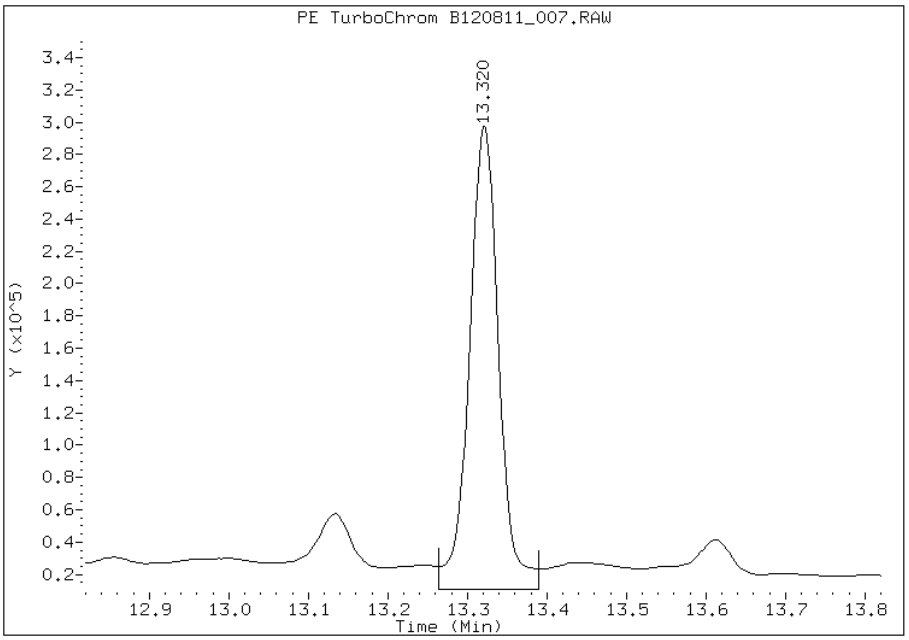
Processing Integration Results

RT: 13.32

Response: 738257

Amount: 23.82

Conc: 23.82



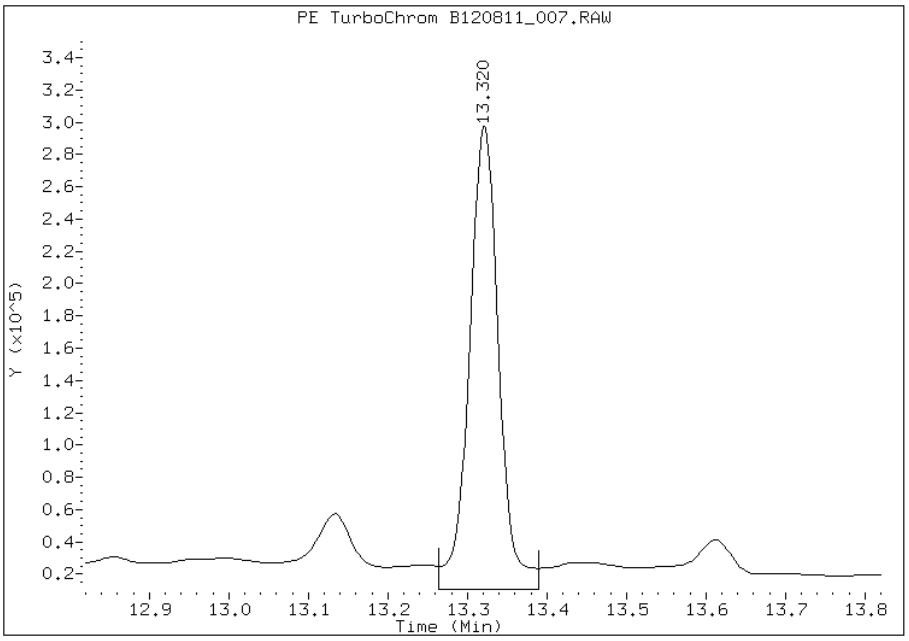
Manual Integration Results

RT: 13.32

Response: 742657

Amount: 23.89

Conc: 23.89



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_008.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:05
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 058
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 20:28 Cal File: B120811_007.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			13231331	800.000	783.4
$	4 O-Terphenyl	13.323	13.322	0.001	1564880	50.0000	50.34(M)
S	2 >C12-C28	7.510-15.400			20096874	800.000	847.5
S	3 >C28-C35	15.410-20.800			18596715	800.000	798.4
S	5 Total C6-C35				51924920	800.000	2429

QC Flag Legend

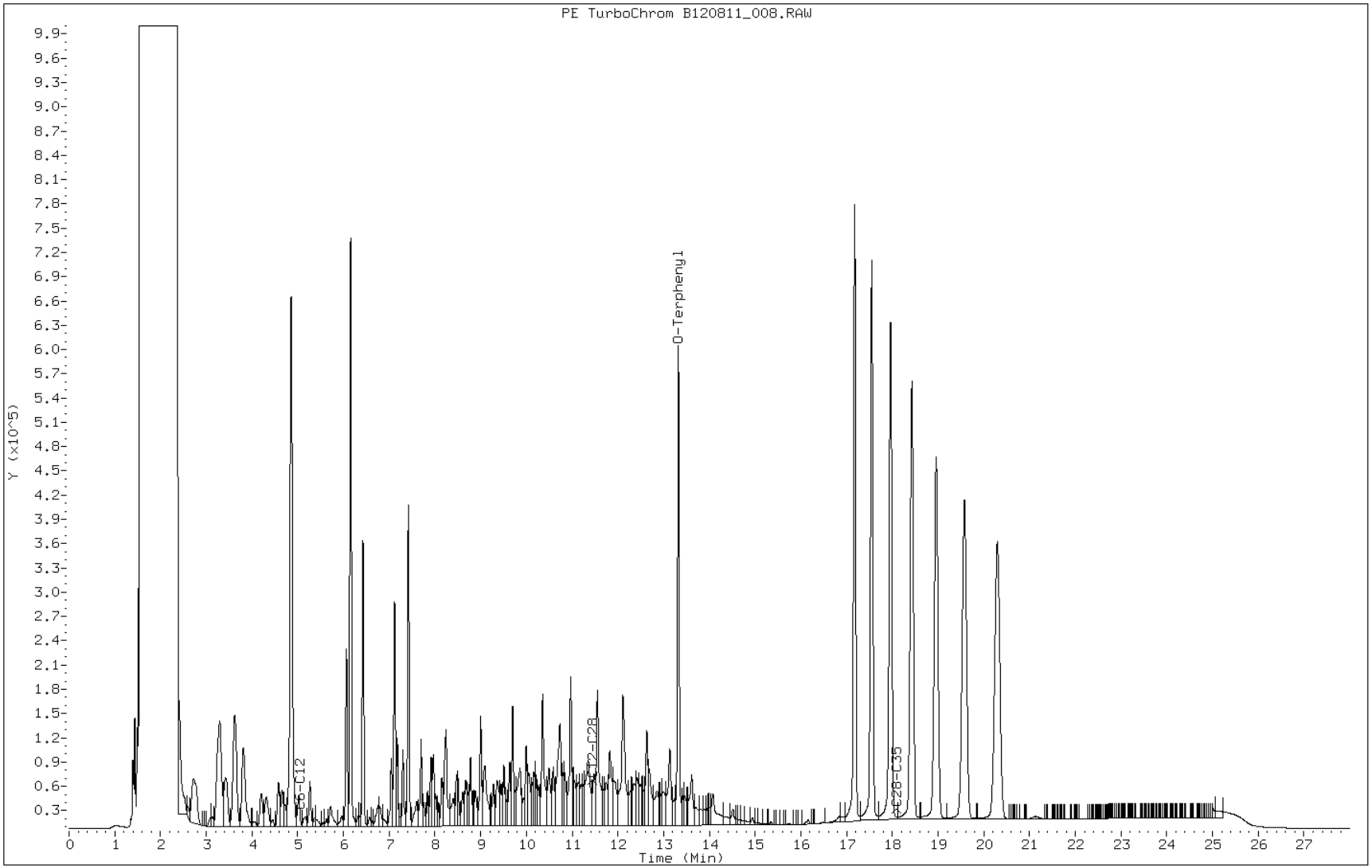
M - Compound response manually integrated.

Data File: B120811_008.d

Date: 08-DEC-2011 21:05

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_008.d
Inj. Date and Time: 08-DEC-2011 21:05
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

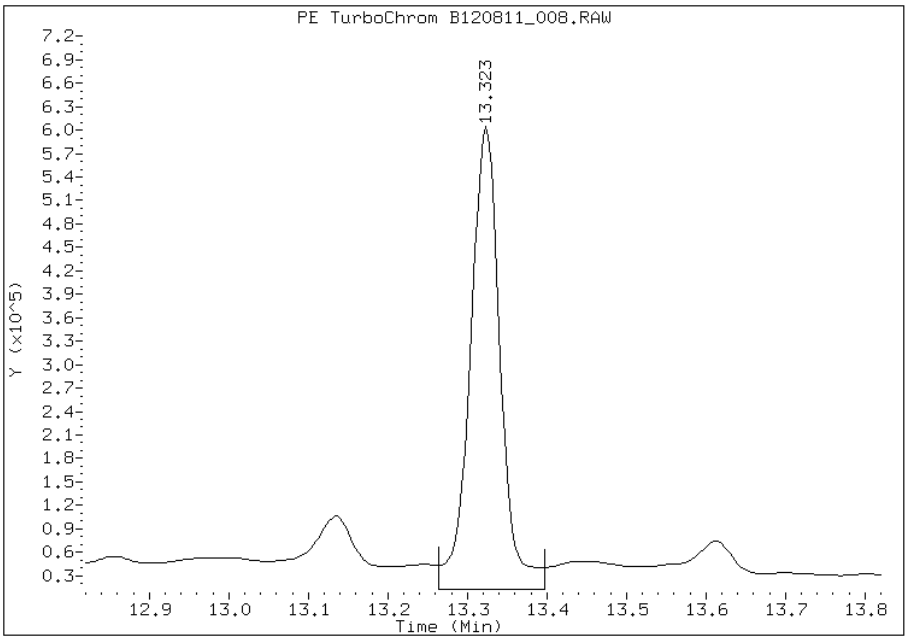
Processing Integration Results

RT: 13.32

Response: 1554874

Amount: 50.12

Conc: 50.12



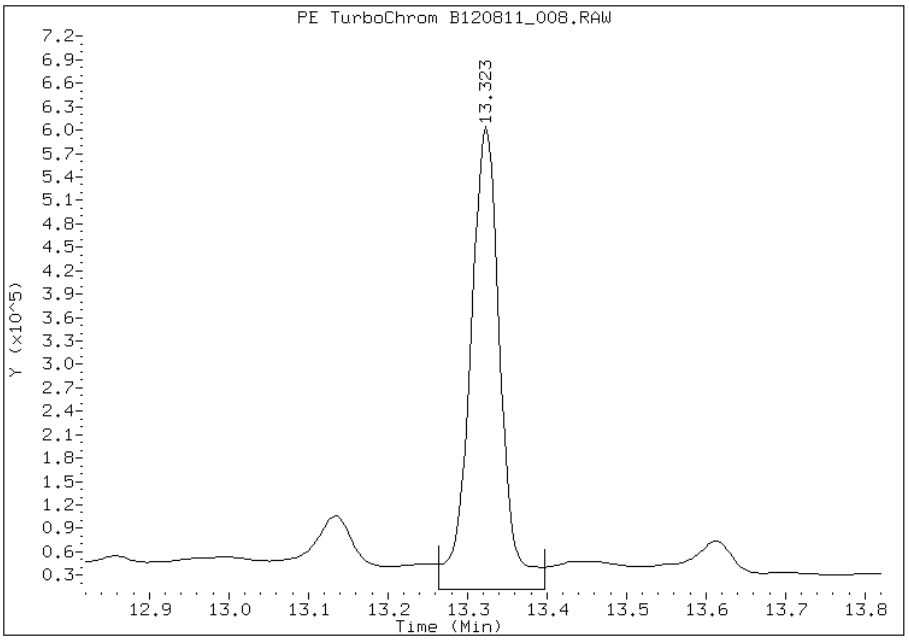
Manual Integration Results

RT: 13.32

Response: 1564880

Amount: 50.34

Conc: 50.34



TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\120811B.b\B120811_009.d
Lab Smp Id: IC
Inj Date : 08-DEC-2011 21:43
Operator : kuventr Inst ID: FID-07.i
Smp Info : IC
Misc Info : 059
Comment :
Method : \\housvr4\chem\FID-07.i\120811B.b\1005B.m
Meth Date : 09-Dec-2011 08:22 FID-07.i Quant Type: ESTD
Cal Date : 08-DEC-2011 21:05 Cal File: B120811_008.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC180

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.600-7.500			15810439	1000.00	936.1
$	4 O-Terphenyl	13.323	13.322	0.001	1893028	62.5000	60.90(M)
S	2 >C12-C28	7.510-15.400			24316636	1000.00	1025(A)
S	3 >C28-C35	15.410-20.800			22865388	1000.00	981.6
S	5 Total C6-C35				62992463	1000.00	2943

QC Flag Legend

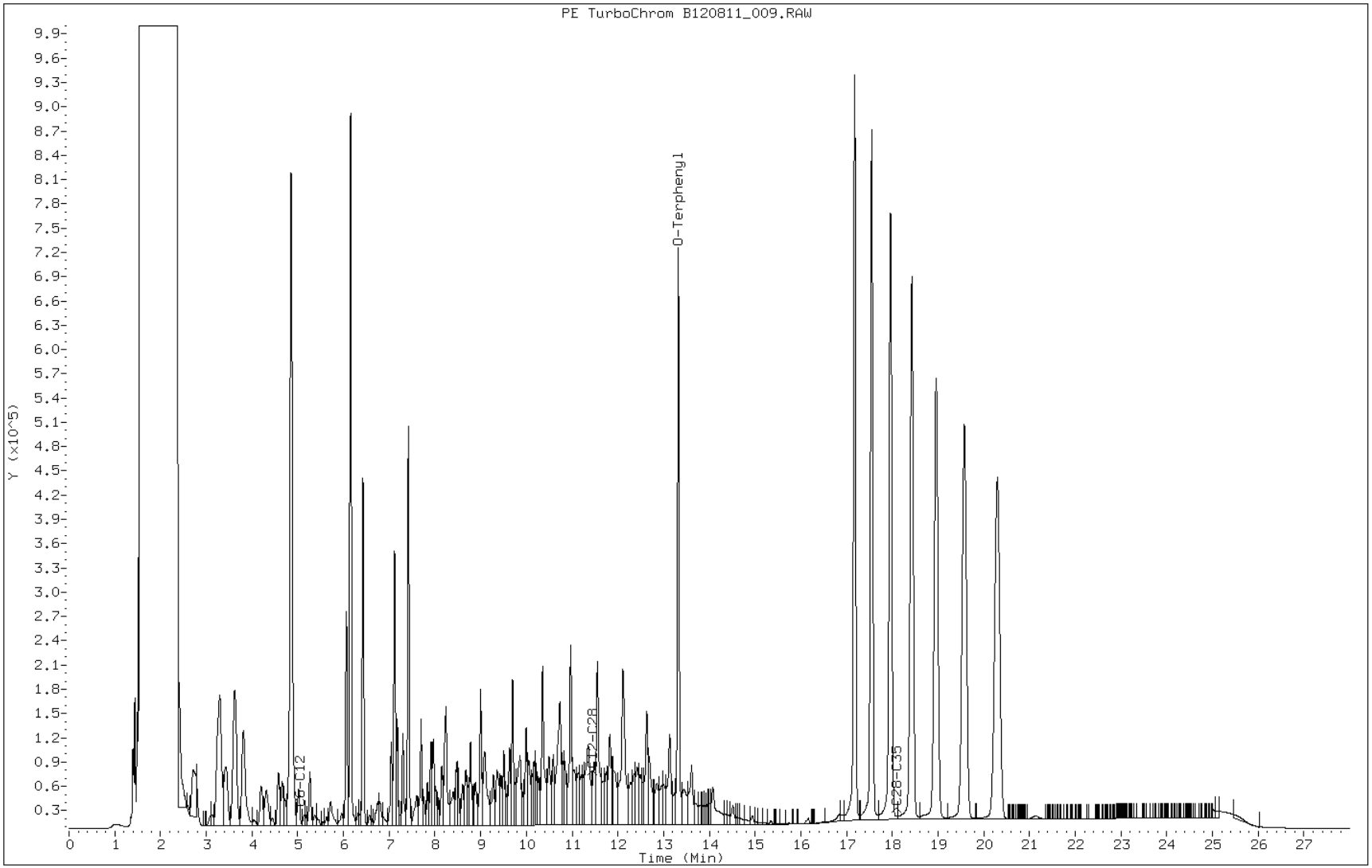
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

Data File: B120811_009.d

Date: 08-DEC-2011 21:43

Client ID: Instrument: FID-07.i

Sample Info: IC Operator: kuventr



Manual Integration Report

Data File: B120811_009.d
Inj. Date and Time: 08-DEC-2011 21:43
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 12/09/2011

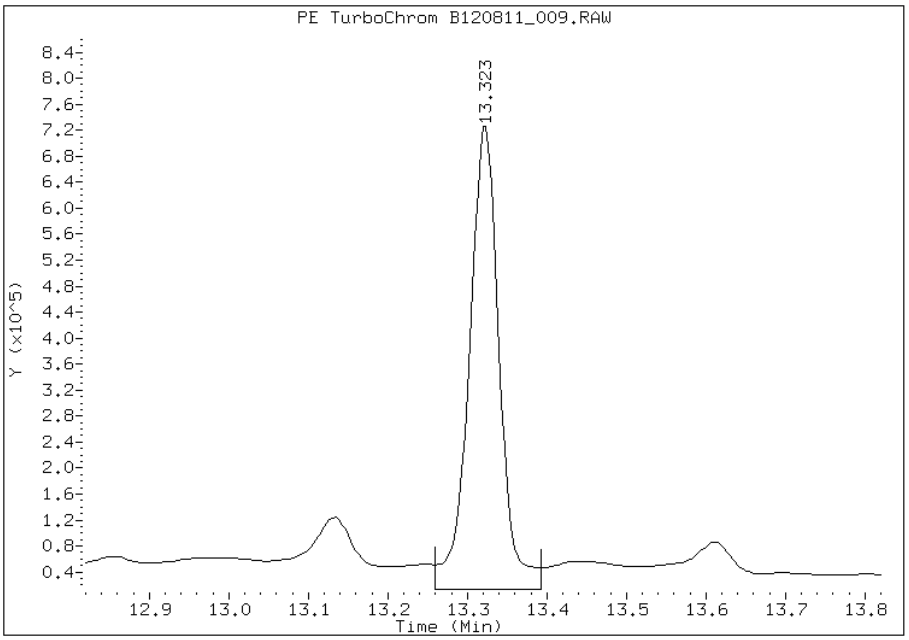
Processing Integration Results

RT: 13.32

Response: 1879096

Amount: 60.51

Conc: 60.51



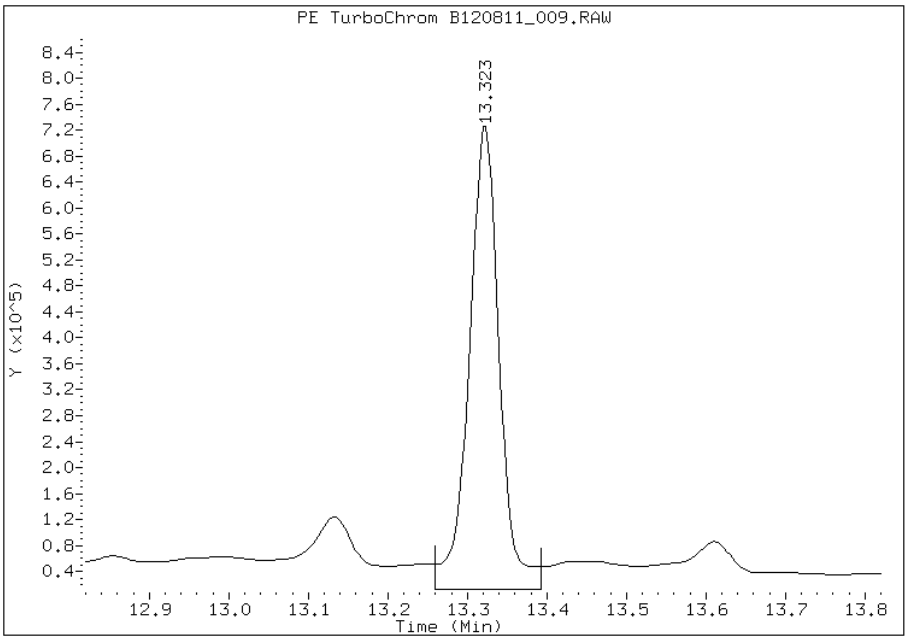
Manual Integration Results

RT: 13.32

Response: 1893028

Amount: 60.90

Conc: 60.90



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCVRT 600-71145/7 Calibration Date: 01/27/2012 14:02

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	20429		232	200	16.0	25.0
>C12-C28	Ave	15530	18521		239	200	19.3	25.0
>C28-C35	Ave	14586	17560		241	200	20.4	25.0
o-Terphenyl	Ave	24518	28556		14.6	12.5	16.5	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCVRT 600-71145/7 Calibration Date: 01/27/2012 14:02

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.92	13.12

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_002.d
Lab Smp Id: CCVRT
Inj Date : 27-JAN-2012 14:02
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 002
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 27-Feb-2012 18:59 FID-07.i Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUPC166

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/mL)
S	1 C6-C12	2.400-9.000			4085704	400.000	232.1
$	4 O-Terphenyl	12.973	13.012	-0.039	356955	25.0000	14.56(M)
S	2 >C12-C28	9.010-16.649			3704250	400.000	238.5(M)
S	3 >C28-C35	16.651-20.400			3510516	400.000	240.7(M)
S	5 Total C6-C35				11300470	400.000	711.3

QC Flag Legend

M - Compound response manually integrated.

Data File: \\housvr4\chem\FID-07.i\012712A.b\A012712_002.d

Date : 27-JAN-2012 14:02

Client ID:

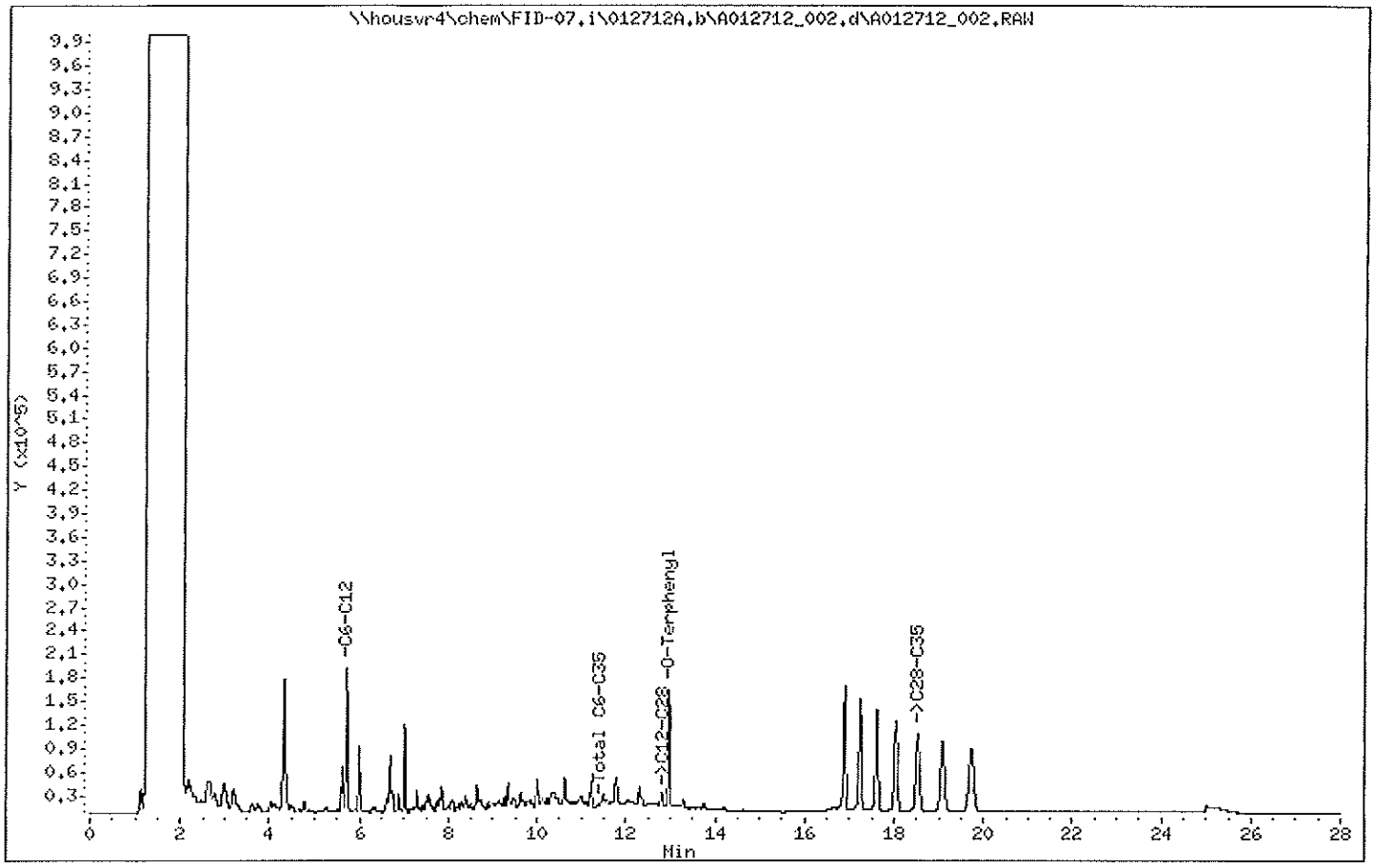
Instrument: FID-07.i

Sample Info: CCVRT

Operator: vanderborghr

Column phase: RTX-5

Column diameter: 0.53



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCVRT 600-71169/1 Calibration Date: 01/27/2012 14:02

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012712_002.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	16961		201	200	0.4	25.0
>C12-C28	Ave	23713	26242		221	200	10.7	25.0
>C28-C35	Ave	23293	22572		194	200	-3.1	25.0
o-Terphenyl	Ave	31084	35438		14.3	12.5	14.0	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCVRT 600-71169/1 Calibration Date: 01/27/2012 14:02

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012712_002.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_002.d
Lab Smp Id: CCVRT
Inj Date : 27-JAN-2012 14:02
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCVRT
Misc Info : 052
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600-7.500			3392110	200.831	20.08
$	4 O-Terphenyl	13.310	13.323	-0.013	442971	14.2509	1.43
S	2 >C12-C28	7.510-15.400			5248318	221.330	22.13
S	3 >C28-C35	15.410-20.800			4512653	193.735	19.37
S	5 Total C6-C35				13153081	615.896	61.59

Data File: B012712_002.d

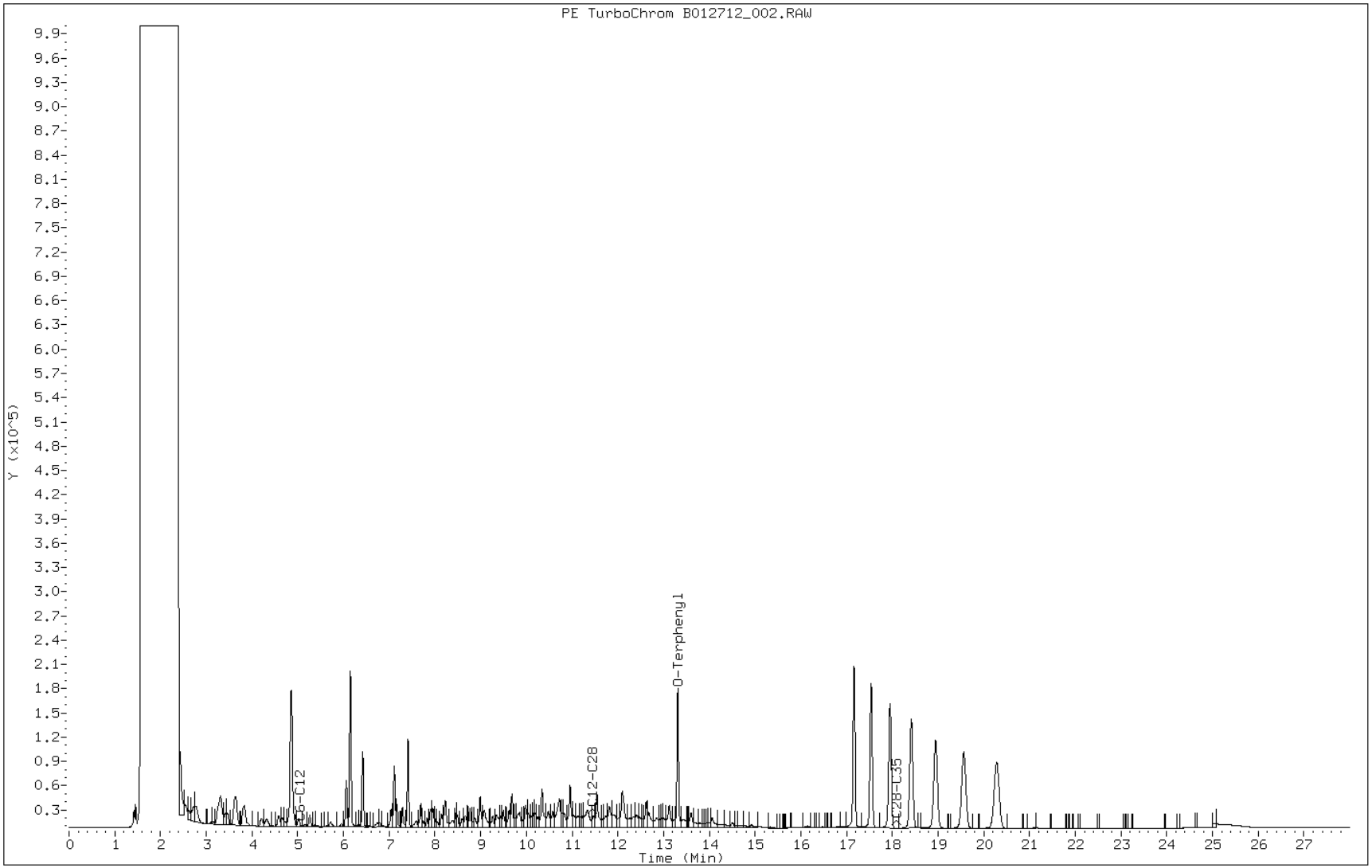
Date: 27-JAN-2012 14:02

Client ID:

Instrument: FID-07.i

Sample Info: CCVRT

Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71145/18 Calibration Date: 01/27/2012 20:21

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	19818		225	200	12.6	25.0
>C12-C28	Ave	15530	18876		243	200	21.5	25.0
>C28-C35	Ave	14586	16255		223	200	11.4	25.0
o-Terphenyl	Ave	24518	31856		16.2	12.5	29.9	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71145/18 Calibration Date: 01/27/2012 20:21

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.92	13.12

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_013.d
Lab Smp Id: CCV
Inj Date : 27-JAN-2012 20:21
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 013
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (mg/L)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.400-9.000			3963639	225.147	22.51
$	4 O-Terphenyl	12.970	13.021	-0.051	398202	16.2409	1.62(M)
S	2 >C12-C28	9.010-16.649			3775105	243.089	24.31
S	3 >C28-C35	16.651-20.400			3249645	222.786	22.28
S	5 Total C6-C35				10988389	691.021	69.10

QC Flag Legend

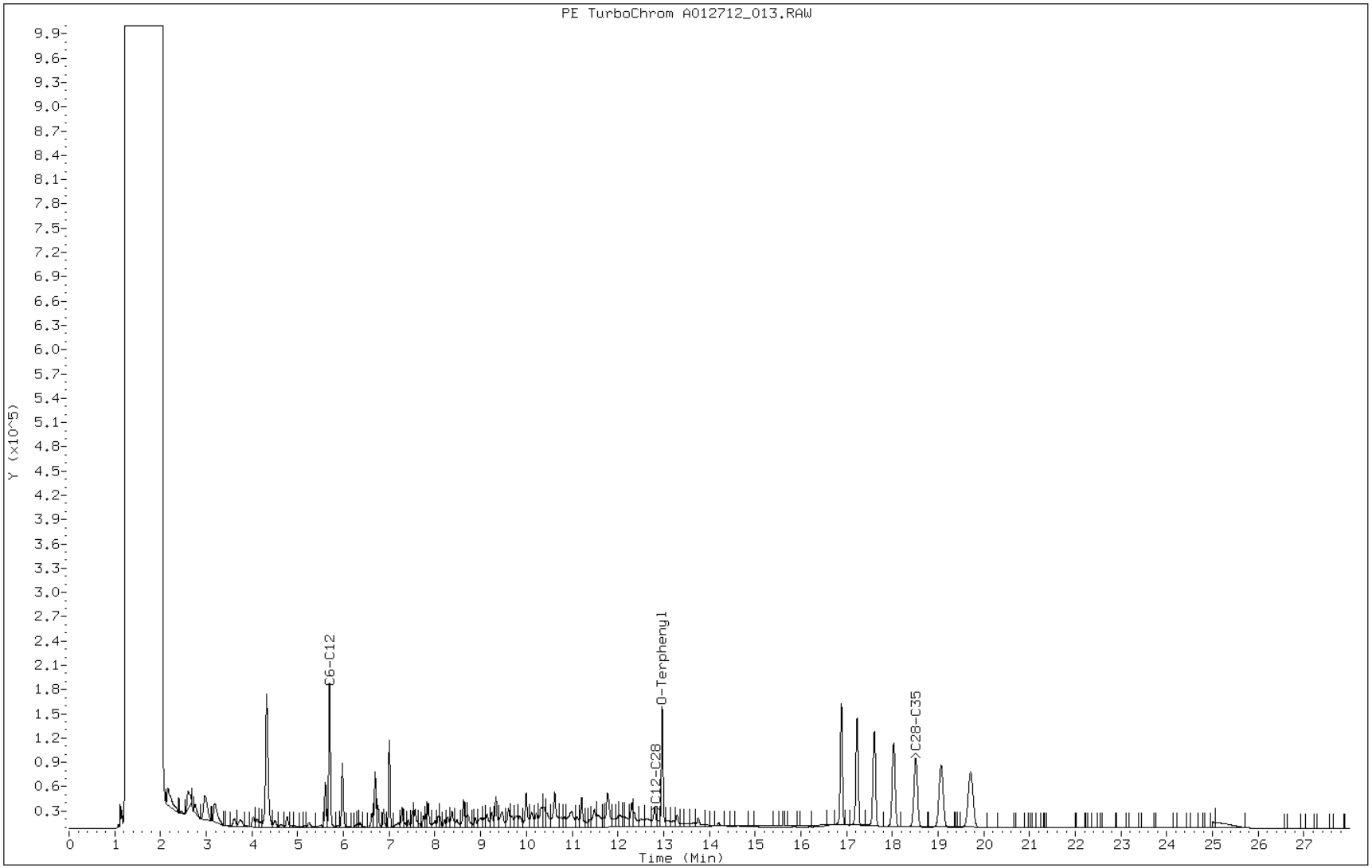
M - Compound response manually integrated.

Data File: A012712_013.d

Date: 27-JAN-2012 20:21

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



Manual Integration Report

Data File: A012712_013.d
Inj. Date and Time: 27-JAN-2012 20:21
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/30/2012

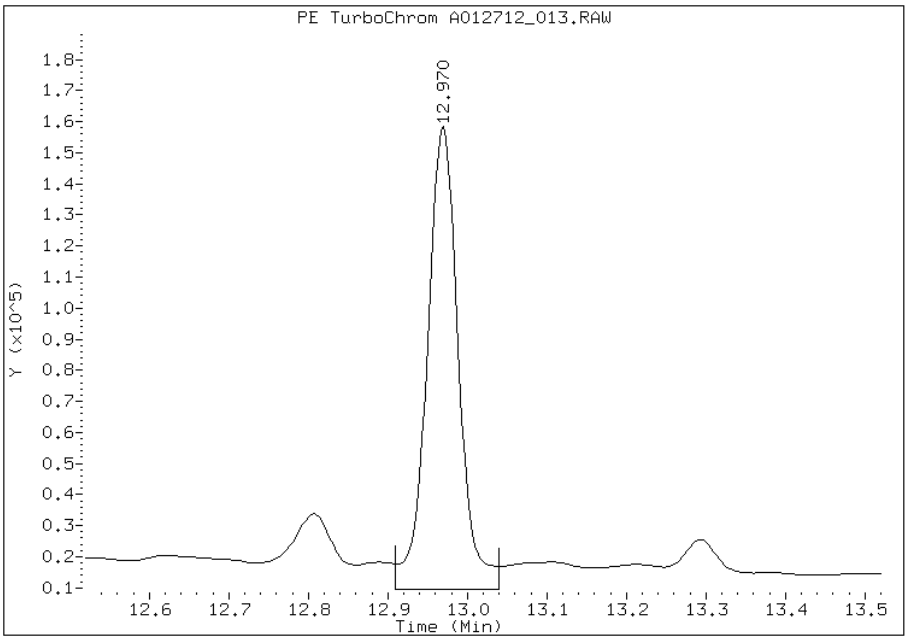
Processing Integration Results

RT: 12.97

Response: 407298

Amount: 16.61

Conc: 1.66



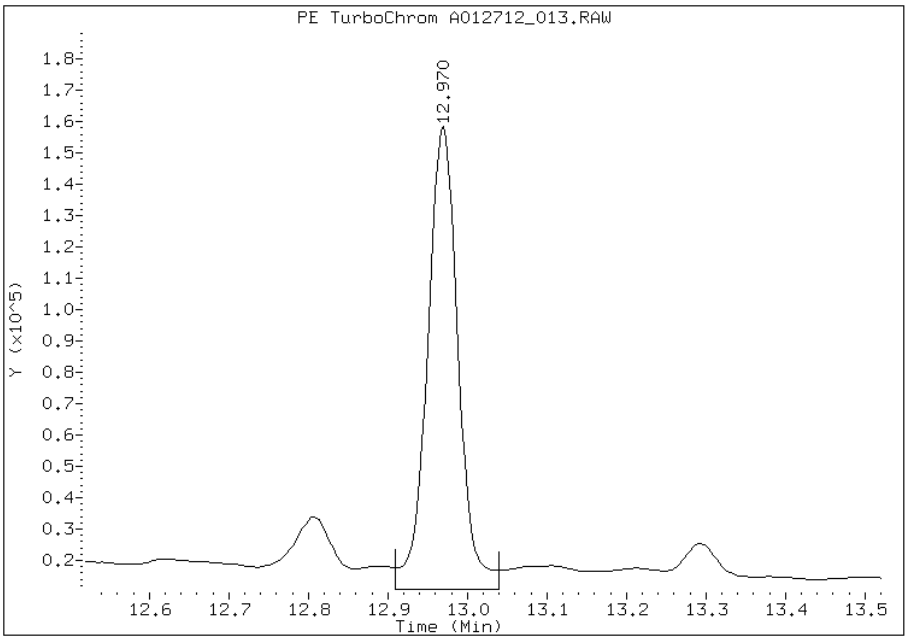
Manual Integration Results

RT: 12.97

Response: 398202

Amount: 16.24

Conc: 1.62



Manually Integrated By:
Manual Integration Reason:

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71169/12 Calibration Date: 01/27/2012 20:21

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012712_013.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	16890	17079		202	200	1.1	25.0
>C12-C28	Ave	23713	26569		224	200	12.0	25.0
>C28-C35	Ave	23293	22252		191	200	-4.5	25.0
o-Terphenyl	Ave	31084	35834		14.4	12.5	15.3	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71169/12 Calibration Date: 01/27/2012 20:21

Instrument ID: FID07 Calib Start Date: 12/08/2011 17:54

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/08/2011 21:43

Lab File ID: B012712_013.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.05	2.60	7.50
>C12-C28	11.46	7.51	15.40
C6-C35	11.70	2.60	20.80
>C28-C35	18.11	15.41	20.80
o-Terphenyl	13.31	13.22	13.42

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_013.d
Lab Smp Id: CCV
Inj Date : 27-JAN-2012 20:21
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 063
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

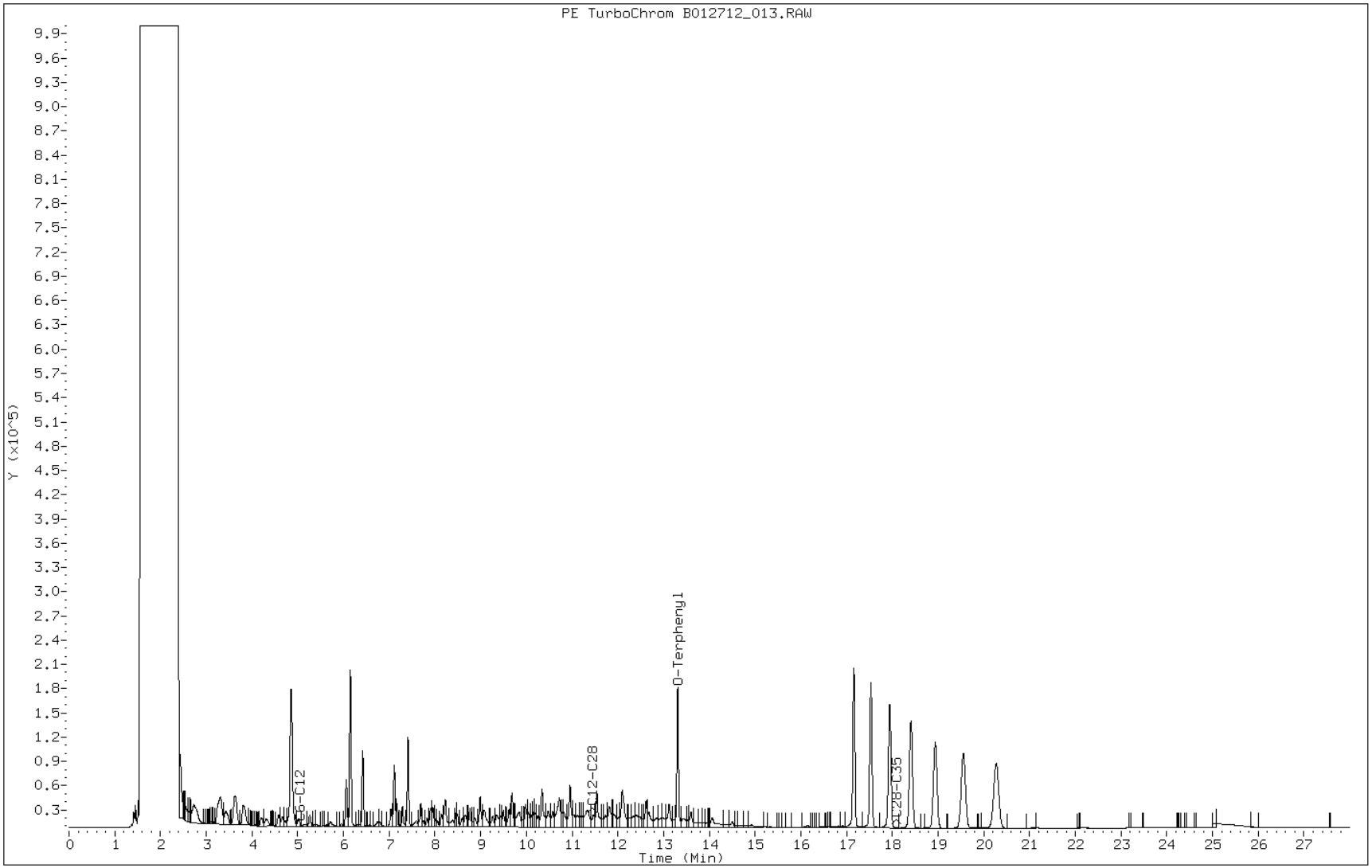
						CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (mg/L)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.600-7.500			3415879	202.239	20.22
$	4 O-Terphenyl	13.306	13.323	-0.017	447924	14.4103	1.44
S	2 >C12-C28	7.510-15.400			5313735	224.089	22.41
S	3 >C28-C35	15.410-20.800			4448714	190.990	19.10
S	5 Total C6-C35				13178328	617.317	61.73

Data File: B012712_013.d

Date: 27-JAN-2012 20:21

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71145/21 Calibration Date: 01/28/2012 02:38

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_024.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	17605	19844		225	200	12.7	25.0
>C12-C28	Ave	15530	17234		222	200	11.0	25.0
>C28-C35	Ave	14586	16761		230	200	14.9	25.0
o-Terphenyl	Ave	24518	31982		16.3	12.5	30.4*	30.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: CCV 600-71145/21 Calibration Date: 01/28/2012 02:38

Instrument ID: FID07 Calib Start Date: 12/05/2011 15:35

GC Column: RTX-5 ID: 0.53(mm) Calib End Date: 12/05/2011 19:06

Lab File ID: A012712_024.d

Analyte	RT	RT WINDOW	
		TO	FROM
C6-C12	5.70	2.40	9.00
C6-C35	11.40	2.40	20.40
>C12-C28	12.83	9.01	16.65
>C28-C35	18.53	16.65	20.40
o-Terphenyl	12.97	12.92	13.12

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_024.d
Lab Smp Id: CCV
Inj Date : 28-JAN-2012 02:38
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : CCV
Misc Info : 024
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/L)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.400-9.000			3968858	225.443	22.54
$	4 O-Terphenyl	12.966	13.021	-0.055	399772	16.3049	1.63(RM)
S	2 >C12-C28	9.010-16.649			3446886	221.954	22.20
S	3 >C28-C35	16.651-20.400			3350953	229.731	22.97
S	5 Total C6-C35				10766697	677.128	67.71

QC Flag Legend

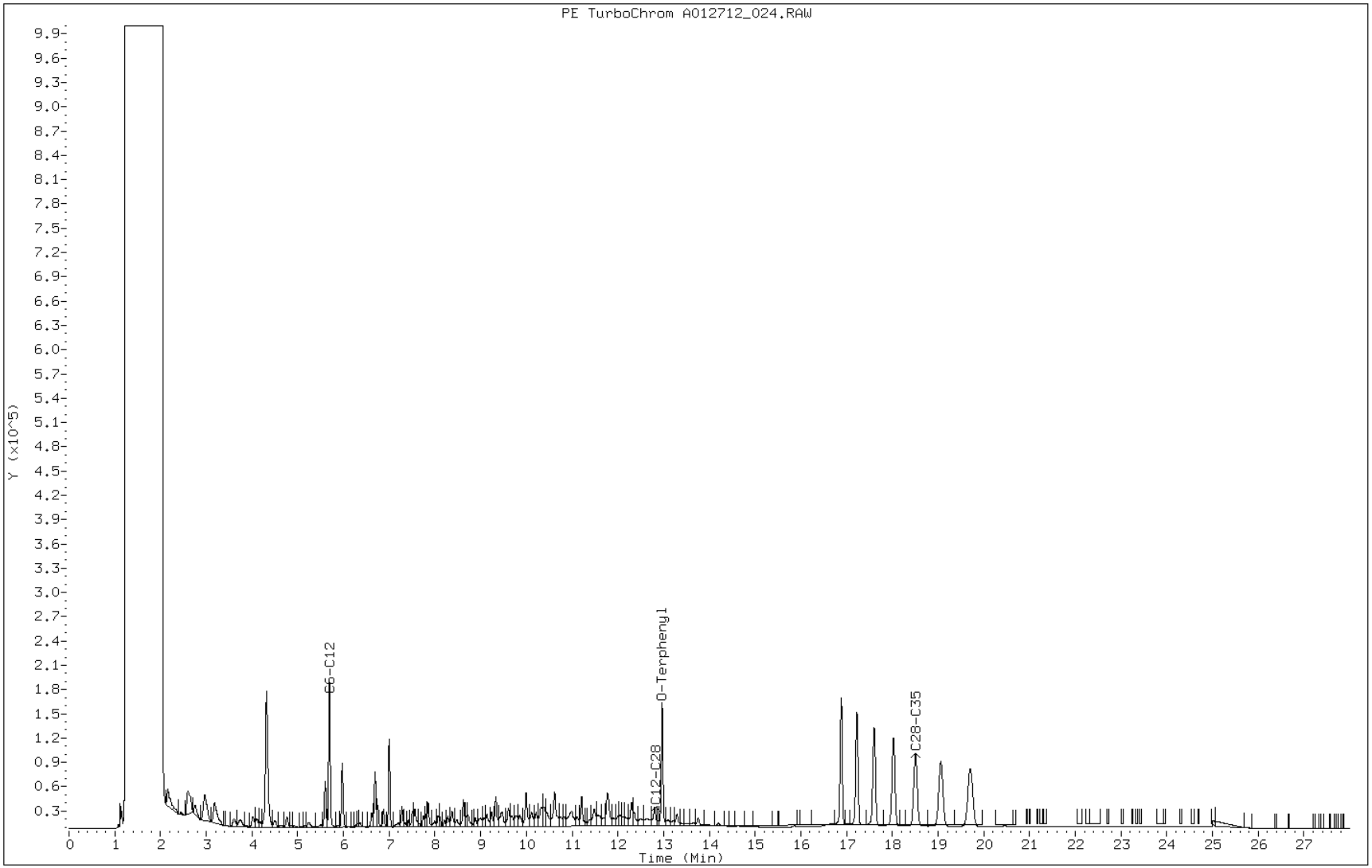
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: A012712_024.d

Date: 28-JAN-2012 02:38

Client ID: Instrument: FID-07.i

Sample Info: CCV Operator: vanderborghr



Manual Integration Report

Data File: A012712_024.d
Inj. Date and Time: 28-JAN-2012 02:38
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/30/2012

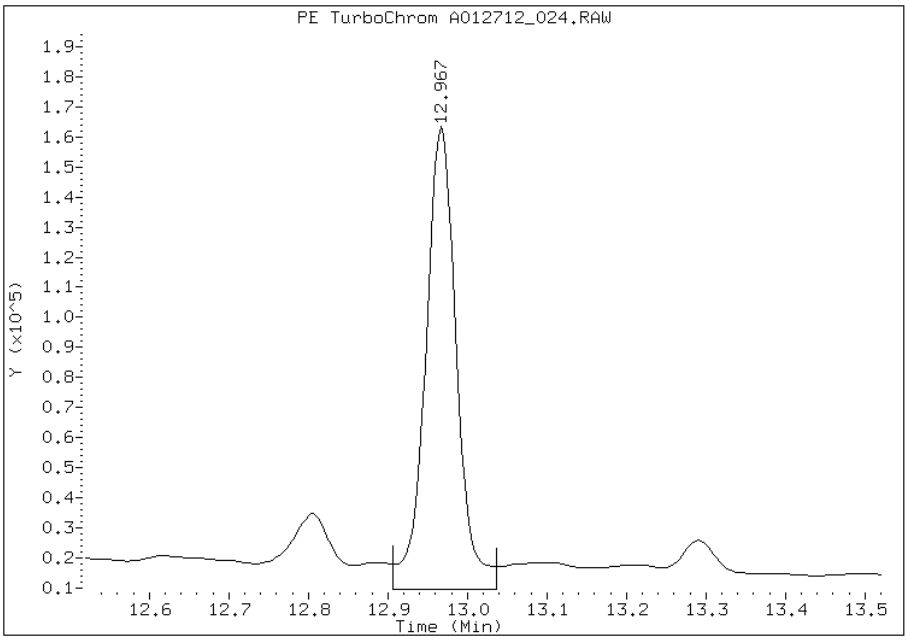
Processing Integration Results

RT: 12.97

Response: 416531

Amount: 16.99

Conc: 1.70



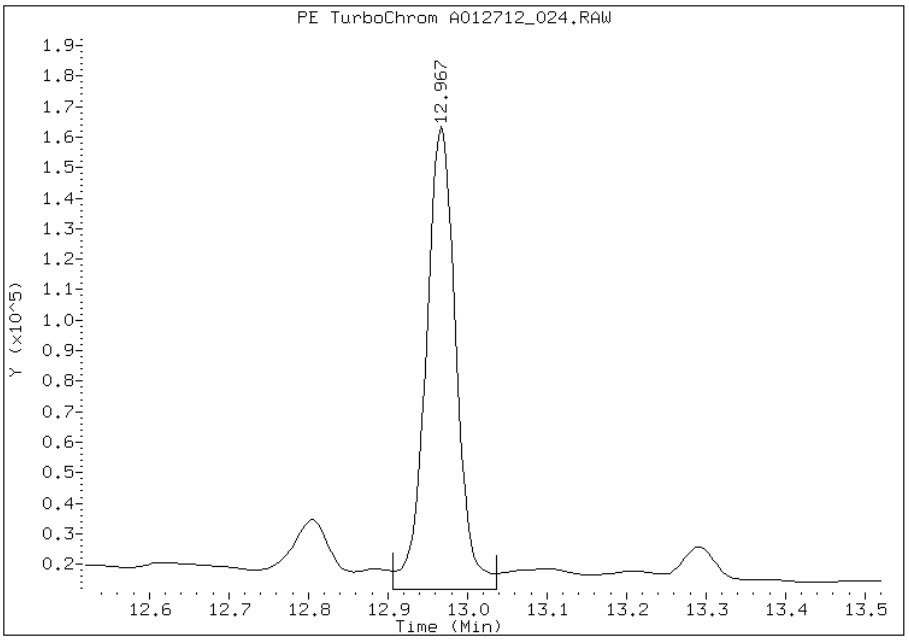
Manual Integration Results

RT: 12.97

Response: 399772

Amount: 16.30

Conc: 1.63



Manually Integrated By:
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 600-70966/1-A

Matrix: Solid Lab File ID: B012712_003.d

Analysis Method: TX 1005 Date Collected:

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.00(g) Date Analyzed: 01/27/2012 14:36

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	4.67	U	25.0	4.67
STL00035	>C12-C28	6.06	U	25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	9.59	U	25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	91		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_003.d
Lab Smp Id: MB 600-70966/1-A
Inj Date : 27-JAN-2012 14:36
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : MB 600-70966/1-A
Misc Info : 053
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
$ 4 O-Terphenyl	13.310	13.323	-0.013	354423	11.4022	1.14(H)

QC Flag Legend

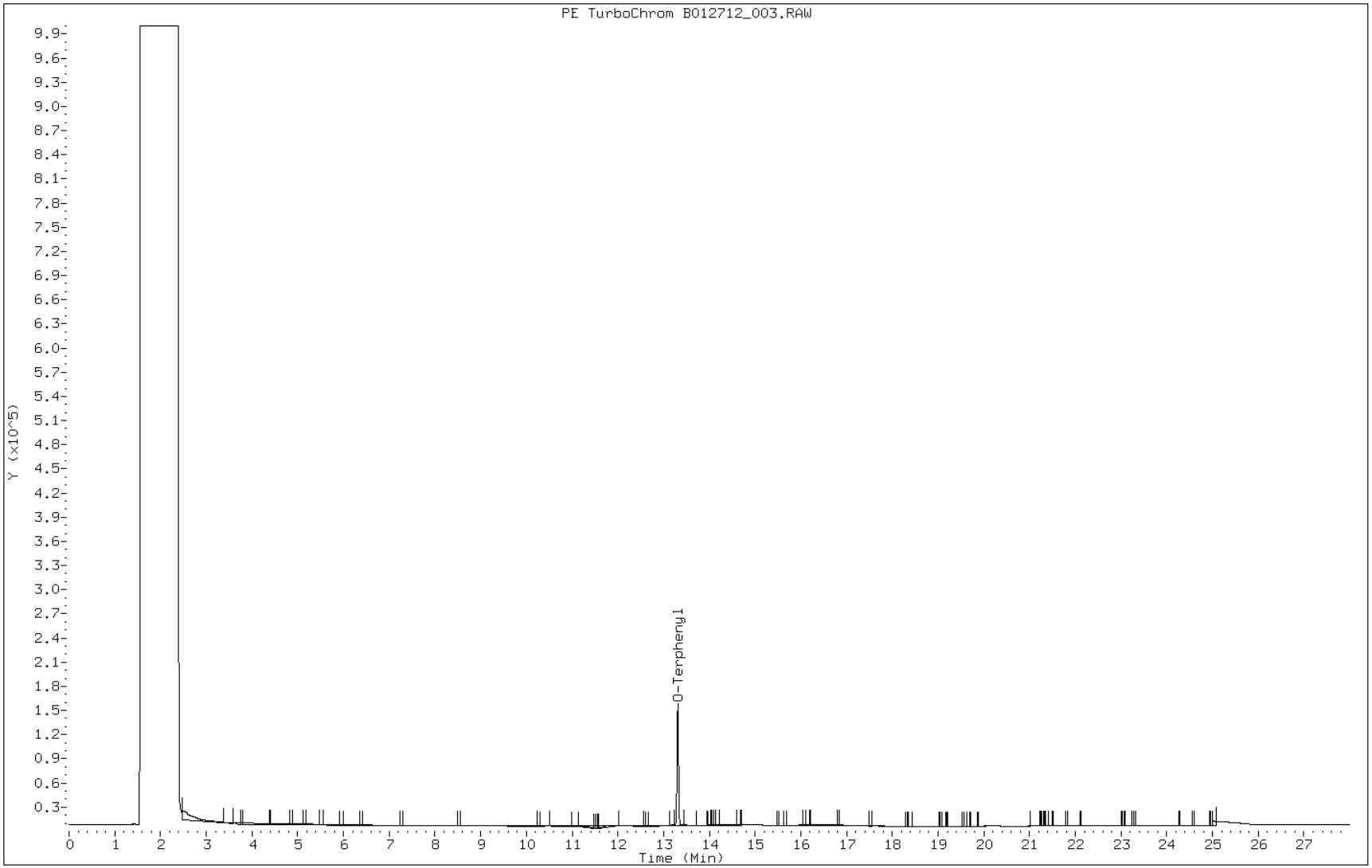
H - Operator selected an alternate compound hit.

Data File: B012712_003.d

Date: 27-JAN-2012 14:36

Client ID: Instrument: FID-07.i

Sample Info: MB 600-70966/1-A Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 600-71005/1-A

Matrix: Water Lab File ID: A012712_003.d

Analysis Method: TX 1005 Date Collected:

Extraction Method: TX_1005_W_Prep Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.00(mL) Date Analyzed: 01/27/2012 14:36

Con. Extract Vol.: 3.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	0.370	U	5.00	0.370
STL00035	>C12-C28	0.320	U	5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	0.560	U	5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	113		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_003.d
Lab Smp Id: MB 600-71005/1-A
Inj Date : 27-JAN-2012 14:36
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : MB 600-71005/1-A
Misc Info : 003
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.400-9.000			5770		(a)
$	4 O-Terphenyl	12.973	13.021	-0.048	461011	18.8026	1.88(R)
S	3 >C28-C35	16.651-20.400			1209		(a)
S	5 Total C6-C35				6979		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: A012712_003.d

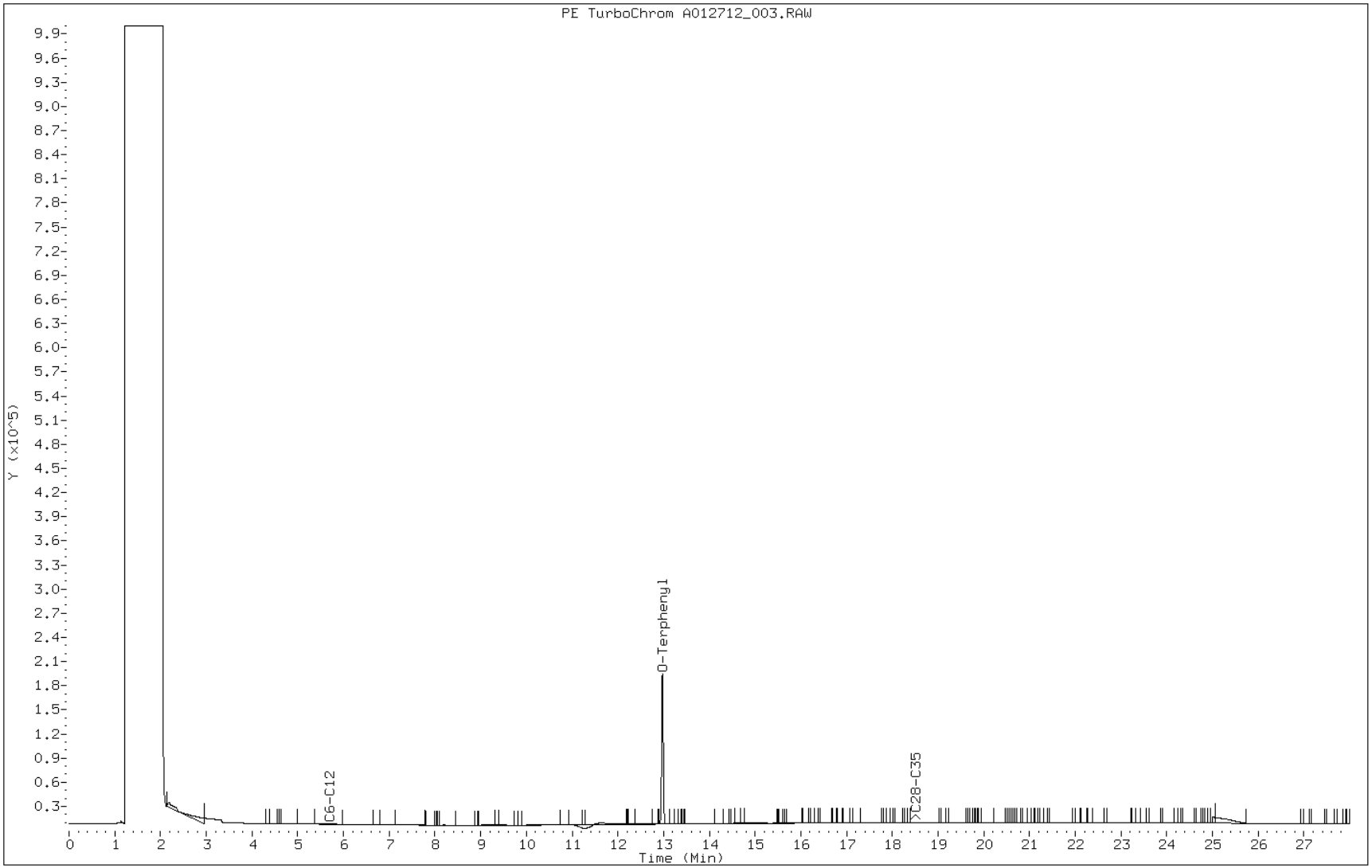
Date: 27-JAN-2012 14:36

Client ID:

Instrument: FID-07.i

Sample Info: MB 600-71005/1-A

Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 600-70966/2-A

Matrix: Solid Lab File ID: B012712_004.d

Analysis Method: TX 1005 Date Collected:

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.00(g) Date Analyzed: 01/27/2012 15:11

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	211.2		25.0	4.67
STL00035	>C12-C28	299.8		25.0	6.06
STL00147	>C28-C35	9.59	U	25.0	9.59
STL00006	C6-C35	511.0		25.0	9.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	108		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_004.d
Lab Smp Id: LCS 600-70966/2-A
Inj Date : 27-JAN-2012 15:11
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : LCS 600-70966/2-A
Misc Info : 054
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.600-7.500			3566933	211.182	21.12
$	4 O-Terphenyl	13.310	13.323	-0.013	419375	13.4918	1.35
S	2 >C12-C28	7.510-15.400			7109062	299.800	29.98
S	5 Total C6-C35				10675995	510.982	51.10

Data File: B012712_004.d

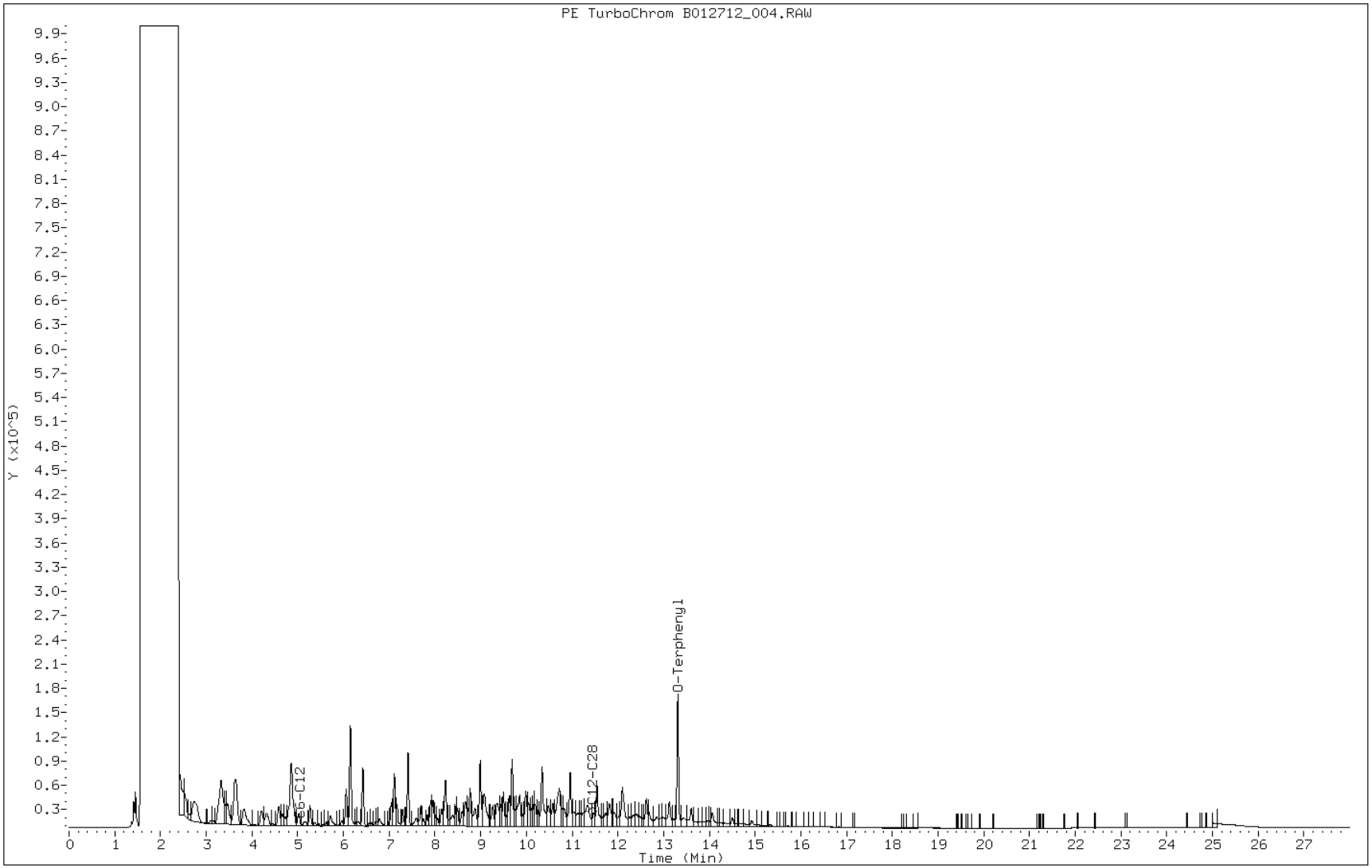
Date: 27-JAN-2012 15:11

Client ID:

Instrument: FID-07.i

Sample Info: LCS 600-70966/2-A

Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 600-71005/2-A

Matrix: Water Lab File ID: A012712_004.d

Analysis Method: TX 1005 Date Collected:

Extraction Method: TX_1005_W_Prep Date Extracted: 01/26/2012 15:45

Sample wt/vol: 30.00(mL) Date Analyzed: 01/27/2012 15:11

Con. Extract Vol.: 3.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: RTX-5 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 71145 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00061	C6-C12	36.61		5.00	0.370
STL00035	>C12-C28	39.18		5.00	0.320
STL00147	>C28-C35	0.560	U	5.00	0.560
STL00006	C6-C35	75.80		5.00	0.560

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	128		70-130

TestAmerica Laboratories-Houston

Data file : \\housvr4\chem\FID-07.i\012712A.b\A012712_004.d
Lab Smp Id: LCS 600-71005/2-A
Inj Date : 27-JAN-2012 15:11
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : LCS 600-71005/2-A
Misc Info : 004
Comment :
Method : \\housvr4\chem\FID-07.i\012712A.b\1005A.m
Meth Date : 07-Dec-2011 15:26 Quant Type: ESTD
Cal Date : 05-DEC-2011 19:06 Cal File: A120511_009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Vo * Uf) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	3.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Vo	30.000	Sample Volume (mL)
Uf	2.000	Unit Factor
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds		RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/L)
S	1 C6-C12	2.400-9.000			6445491	366.124	36.61
$	4 O-Terphenyl	12.973	13.021	-0.048	523954	21.3698	2.14(RM)
S	2 >C12-C28	9.010-16.649			6085307	391.848	39.18
S	5 Total C6-C35				12530798	757.972	75.80

QC Flag Legend

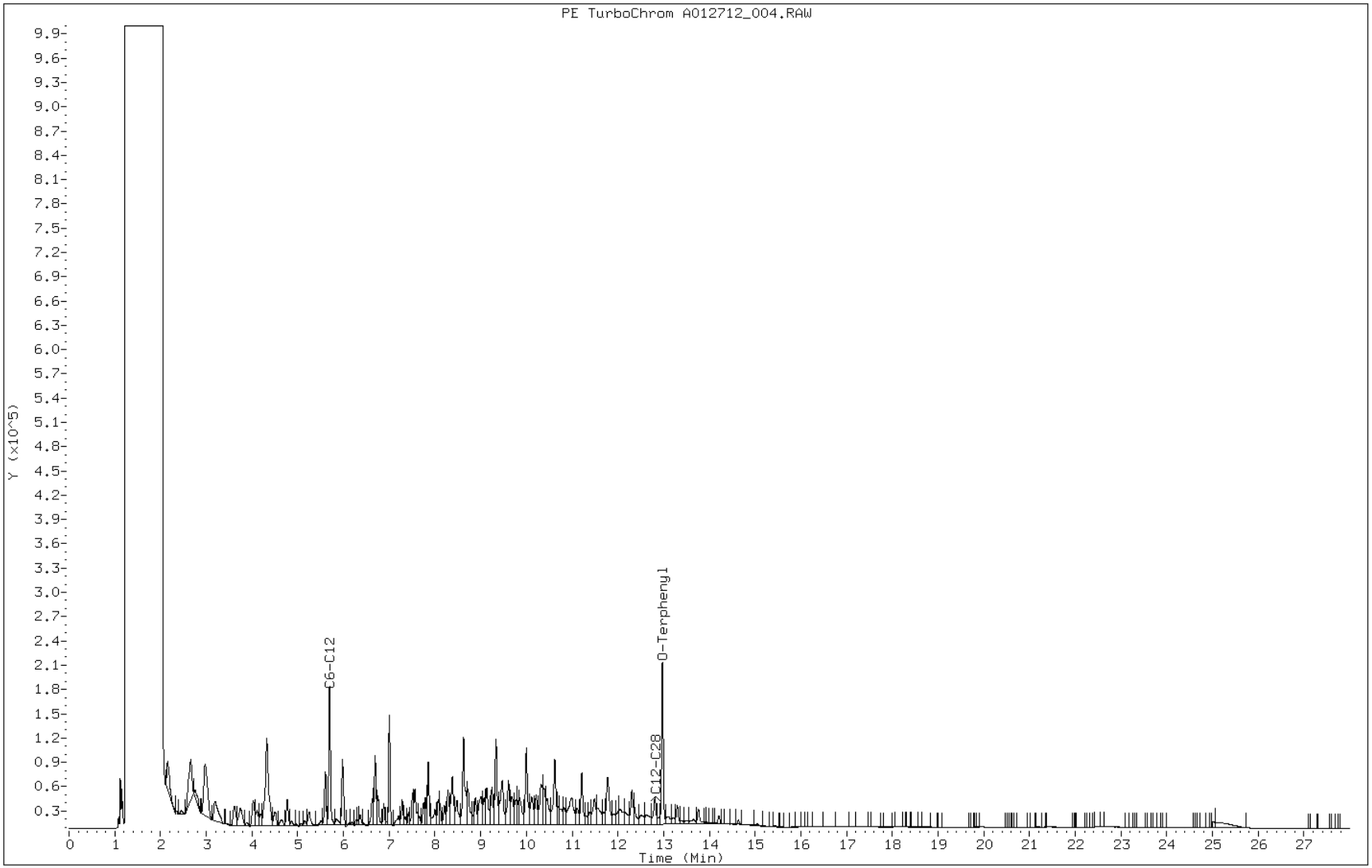
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: A012712_004.d

Date: 27-JAN-2012 15:11

Client ID: Instrument: FID-07.i

Sample Info: LCS 600-71005/2-A Operator: vanderborghr



Manual Integration Report

Data File: A012712_004.d
Inj. Date and Time: 27-JAN-2012 15:11
Instrument ID: FID-07.i
Client ID:
Compound: 4 O-Terphenyl
CAS #: 84-15-1
Report Date: 01/30/2012

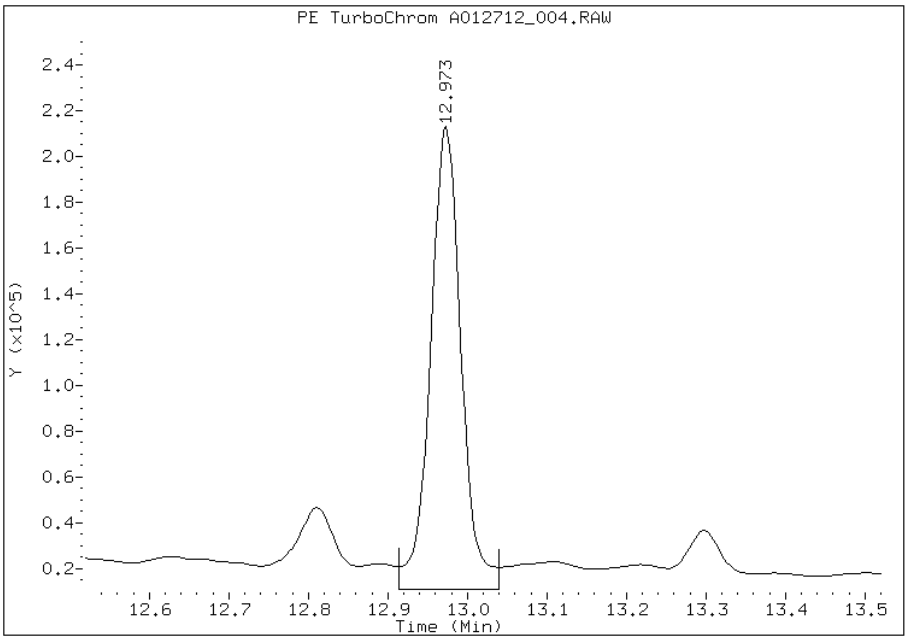
Processing Integration Results

RT: 12.97

Response: 543787

Amount: 22.18

Conc: 2.22



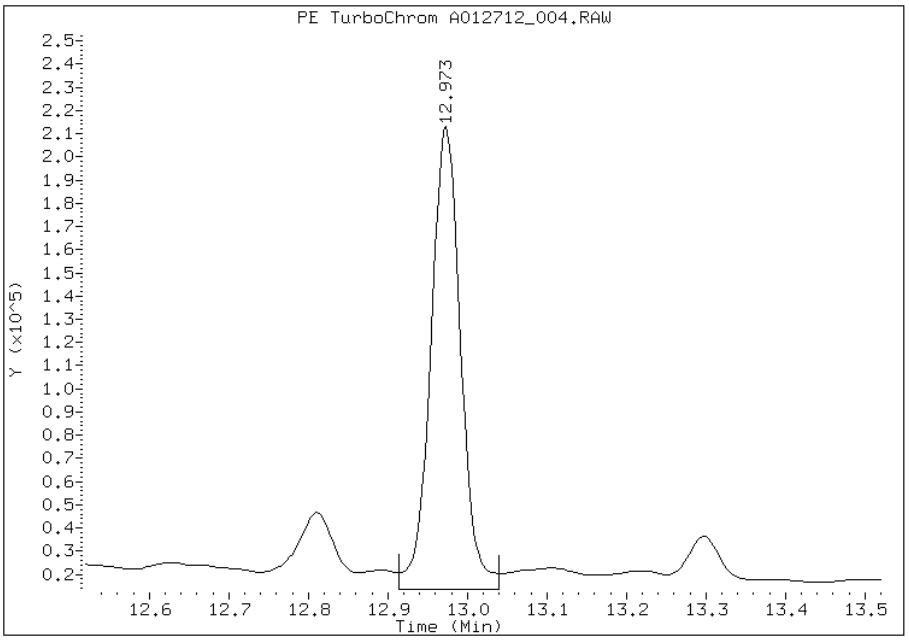
Manual Integration Results

RT: 12.97

Response: 523954

Amount: 21.37

Conc: 2.14



Manually Integrated By:
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-7 MS Lab Sample ID: 600-49143-1 MS

Matrix: Solid Lab File ID: B012712_008.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 11:10

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.03(g) Date Analyzed: 01/27/2012 17:29

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: 30.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	321.8		35.7	6.66
STL00035	>C12-C28	354.7		35.7	8.65
STL00147	>C28-C35	13.7	U	35.7	13.7
STL00006	C6-C35	676.5		35.7	13.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	106		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_008.d
Lab Smp Id: 600-49143-A-1-B MS Client Smp ID: 2012-FWCS-7
Inj Date : 27-JAN-2012 17:29
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-1-B MS
Misc Info : 600-49143-A-1-B MS
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.030	Sample Weight
Uf	2.000	Unit Factor
M	29.843	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (mg/Kg)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
S	1 C6-C12	2.600-7.500			3809478	225.542	320.5(R)
$	4 O-Terphenyl	13.310	13.323	-0.013	410487	13.2059	18.77
S	2 >C12-C28	7.510-15.400			5895748	248.633	353.3(R)
S	5 Total C6-C35				9705226	474.175	673.9(R)

QC Flag Legend

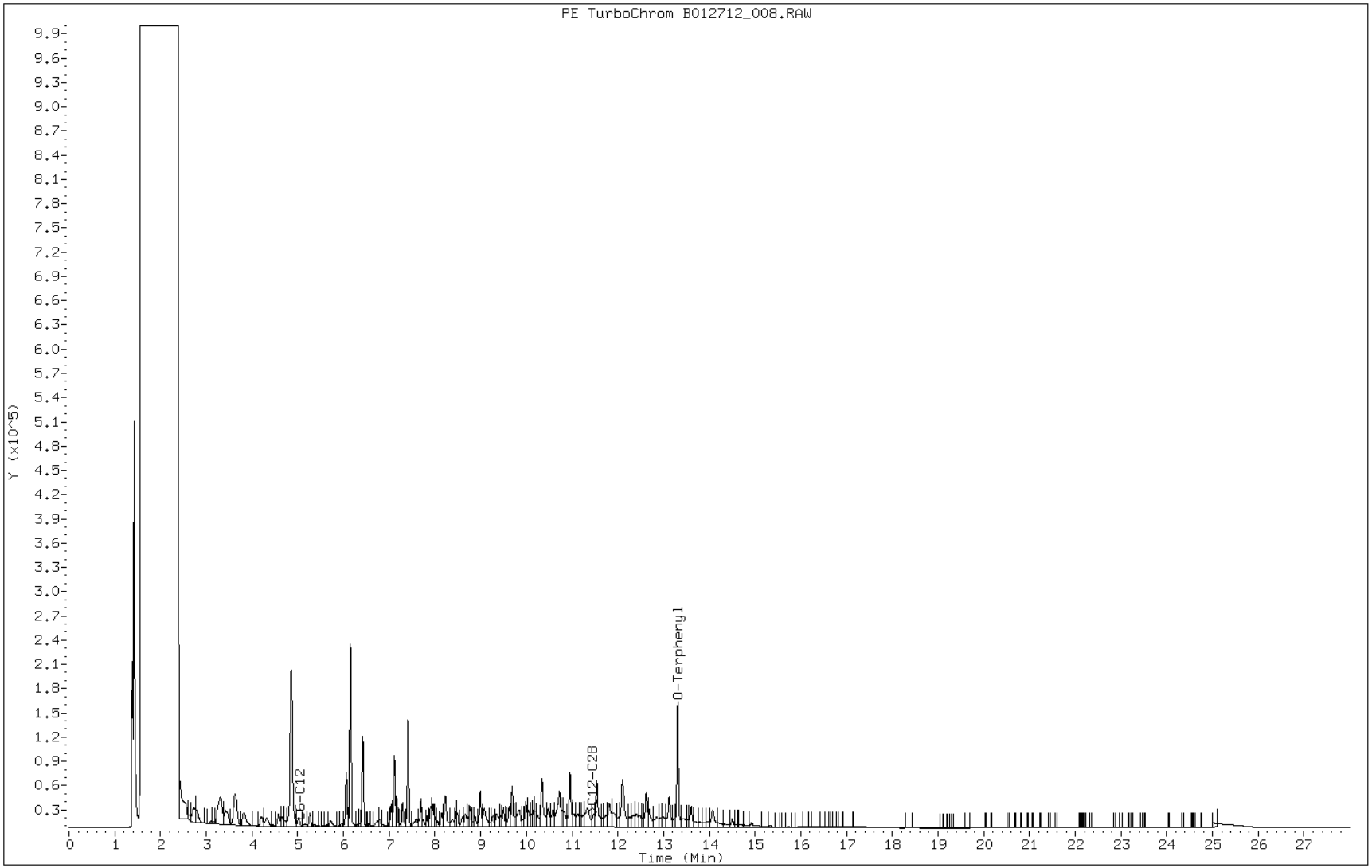
R - Spike/Surrogate failed recovery limits.

Data File: B012712_008.d

Date: 27-JAN-2012 17:29

Client ID: 2012-FWCS-7 Instrument: FID-07.i

Sample Info: 600-49143-A-1-B MS Operator: vanderborghr



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Client Sample ID: 2012-FWCS-7 MSD Lab Sample ID: 600-49143-1 MSD

Matrix: Solid Lab File ID: B012712_009.d

Analysis Method: TX 1005 Date Collected: 01/19/2012 11:10

Extraction Method: TX_1005_S_Prep Date Extracted: 01/26/2012 11:36

Sample wt/vol: 10.01(g) Date Analyzed: 01/27/2012 18:04

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 2(uL) GC Column: ID:

% Moisture: 29.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 71169 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	MQL	MDL
STL00061	C6-C12	317.4		35.3	6.59
STL00035	>C12-C28	362.7		35.3	8.56
STL00147	>C28-C35	13.5	U	35.3	13.5
STL00006	C6-C35	680.1		35.3	13.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	123		70-130

TestAmerica Houston

Data file : \\housvr4\chem\FID-07.i\012712B.b\B012712_009.d
Lab Smp Id: 600-49143-A-1-C MSD Client Smp ID: 2012-FWCS-7
Inj Date : 27-JAN-2012 18:04
Operator : vanderborghr Inst ID: FID-07.i
Smp Info : 600-49143-A-1-C MSD
Misc Info : 600-49143-A-1-C MSD
Comment :
Method : \\housvr4\chem\FID-07.i\012712B.b\1005B.m
Meth Date : 09-Dec-2011 08:28 Quant Type: ESTD
Cal Date : 08-DEC-2011 21:43 Cal File: B120811_009.d
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TNRCC1005.sub
Target Version: 4.14
Processing Host: HOUSVR3

Concentration Formula: Amt * DF * Vt * Vi/(Ws * Uf)/((100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	10.000	Concentrated Extract Volume (mL)
Vi	2.000	Injection Volume
Ws	10.010	Sample Weight
Uf	2.000	Unit Factor
M	29.843	% Moisture
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(mg/Kg)
S 1 C6-C12	2.600	-7.500		3797487		224.832	320.1(R)
$ 4 O-Terphenyl	13.310	13.323	-0.013	477101		15.3489	21.86
S 2 >C12-C28	7.510	-15.400		6090996		256.867	365.8
S 5 Total C6-C35				9888483		481.699	685.9(R)

QC Flag Legend

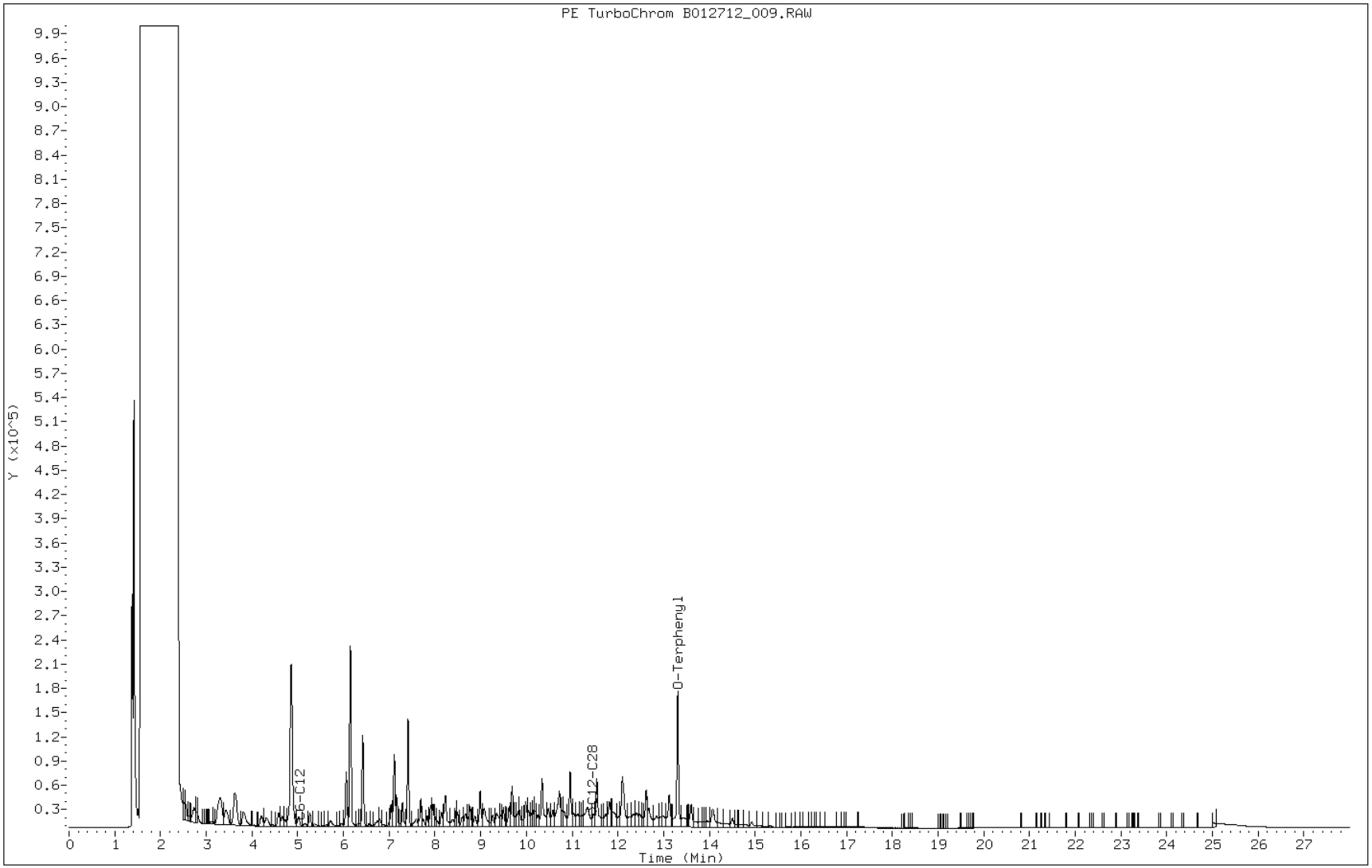
R - Spike/Surrogate failed recovery limits.

Data File: B012712_009.d

Date: 27-JAN-2012 18:04

Client ID: 2012-FWCS-7 Instrument: FID-07.i

Sample Info: 600-49143-A-1-C MSD Operator: vanderborghr



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FID07 Start Date: 12/05/2011 15:35

Analysis Batch Number: 67686 End Date: 12/06/2011 13:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67686/25		12/05/2011 15:35	1	A120511_004.d	RTX-5 0.53(mm)
IC 600-67686/26		12/05/2011 16:23	1	A120511_005.d	RTX-5 0.53(mm)
ICRT 600-67686/27		12/05/2011 17:03	1	A120511_006.d	RTX-5 0.53(mm)
IC 600-67686/28		12/05/2011 17:44	1	A120511_007.d	RTX-5 0.53(mm)
IC 600-67686/29		12/05/2011 18:25	1	A120511_008.d	RTX-5 0.53(mm)
IC 600-67686/30		12/05/2011 19:06	1	A120511_009.d	RTX-5 0.53(mm)
ICV 600-67686/31		12/05/2011 19:47	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 20:28	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:09	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 21:49	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 22:29	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:10	1		RTX-5 0.53(mm)
ZZZZZ		12/05/2011 23:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 00:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 01:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 02:30	1		RTX-5 0.53(mm)
CCV 600-67686/11		12/06/2011 03:09	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 03:49	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 04:28	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:08	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 05:47	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 06:26	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:06	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 07:45	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 09:51	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 10:30	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:10	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 11:50	1		RTX-5 0.53(mm)
ZZZZZ		12/06/2011 12:30	1		RTX-5 0.53(mm)
CCV 600-67686/24		12/06/2011 13:11	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FID07 Start Date: 12/08/2011 17:54

Analysis Batch Number: 67901 End Date: 12/09/2011 07:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 600-67901/1		12/08/2011 17:54	1	B120811_003.d	RTX-5 0.53(mm)
IC 600-67901/2		12/08/2011 18:33	1	B120811_004.d	RTX-5 0.53(mm)
IC 600-67901/3		12/08/2011 19:11	1	B120811_005.d	RTX-5 0.53(mm)
ICRT 600-67901/4		12/08/2011 19:49	1	B120811_006.d	RTX-5 0.53(mm)
IC 600-67901/5		12/08/2011 20:28	1	B120811_007.d	RTX-5 0.53(mm)
IC 600-67901/6		12/08/2011 21:05	1	B120811_008.d	RTX-5 0.53(mm)
IC 600-67901/7		12/08/2011 21:43	1	B120811_009.d	RTX-5 0.53(mm)
CCVRT 600-67901/8		12/08/2011 22:58	1		RTX-5 0.53(mm)
ZZZZZ		12/08/2011 23:35	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:12	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 00:50	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 01:27	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:04	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 02:41	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:18	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 03:55	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 04:31	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 05:08	1		RTX-5 0.53(mm)
CCV 600-67901/19		12/09/2011 05:45	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:22	1		RTX-5 0.53(mm)
ZZZZZ		12/09/2011 06:59	1		RTX-5 0.53(mm)
CCV 600-67901/22		12/09/2011 07:36	1		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FID07 Start Date: 01/27/2012 14:02

Analysis Batch Number: 71145 End Date: 01/30/2012 12:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-71145/7		01/27/2012 14:02	1	A012712_002.d	RTX-5 0.53(mm)
MB 600-71005/1-A		01/27/2012 14:36	1	A012712_003.d	RTX-5 0.53(mm)
LCS 600-71005/2-A		01/27/2012 15:11	1	A012712_004.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 15:46	1		RTX-5 0.53(mm)
600-49143-7	Field Blank 4	01/27/2012 16:20	1	A012712_006.d	RTX-5 0.53(mm)
600-49143-10	Equipment Blank 8	01/27/2012 16:55	1	A012712_007.d	RTX-5 0.53(mm)
600-49143-11	Trip Blank 1/14/12	01/27/2012 17:29	1	A012712_008.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 18:04	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 18:38	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 19:13	1		RTX-5 0.53(mm)
600-49143-5	2012-FWCS-3	01/27/2012 19:47	1	A012712_012.d	RTX-5 0.53(mm)
CCV 600-71145/18		01/27/2012 20:21	1	A012712_013.d	RTX-5 0.53(mm)
600-49143-6	2012-FWCS-2	01/27/2012 20:56	1	A012712_014.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 22:38	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 23:46	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 00:20	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 00:55	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 01:29	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 02:03	1		RTX-5 0.53(mm)
CCV 600-71145/21		01/28/2012 02:38	1	A012712_024.d	RTX-5 0.53(mm)
ZZZZZ		01/28/2012 03:12	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 03:46	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 04:21	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 04:55	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 05:29	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 06:03	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 06:37	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 07:11	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 07:45	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 08:19	1		RTX-5 0.53(mm)
CCV 600-71145/32		01/28/2012 08:53	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 09:27	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 10:02	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 10:36	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 11:10	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 11:45	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 12:19	1		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 10:28	5		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 11:02	5		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 11:36	2		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 12:15	10		RTX-5 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FID07 Start Date: 01/27/2012 14:02

Analysis Batch Number: 71169 End Date: 01/30/2012 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 600-71169/1		01/27/2012 14:02	1	B012712_002.d	RTX-5 0.53(mm)
MB 600-70966/1-A		01/27/2012 14:36	1	B012712_003.d	RTX-5 0.53(mm)
LCS 600-70966/2-A		01/27/2012 15:11	1	B012712_004.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 15:46	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 16:20	1		RTX-5 0.53(mm)
600-49143-1	2012-FWCS-7	01/27/2012 16:55	1	B012712_007.d	RTX-5 0.53(mm)
600-49143-1 MS	2012-FWCS-7 MS	01/27/2012 17:29	1	B012712_008.d	RTX-5 0.53(mm)
600-49143-1 MSD	2012-FWCS-7 MSD	01/27/2012 18:04	1	B012712_009.d	RTX-5 0.53(mm)
600-49143-2	2012-FWCS-6	01/27/2012 18:38	1	B012712_010.d	RTX-5 0.53(mm)
600-49143-3	2012-FWCS-5	01/27/2012 19:13	1	B012712_011.d	RTX-5 0.53(mm)
600-49143-4	2012-FWCS-4	01/27/2012 19:47	1	B012712_012.d	RTX-5 0.53(mm)
CCV 600-71169/12		01/27/2012 20:21	1	B012712_013.d	RTX-5 0.53(mm)
ZZZZZ		01/27/2012 22:04	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 22:38	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 23:12	1		RTX-5 0.53(mm)
ZZZZZ		01/27/2012 23:46	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 00:20	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 00:55	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 01:29	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 02:03	1		RTX-5 0.53(mm)
CCV 600-71169/21		01/28/2012 02:38	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 03:12	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 03:46	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 04:21	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 04:55	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 05:29	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 06:03	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 06:37	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 07:45	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 08:19	1		RTX-5 0.53(mm)
CCV 600-71169/31		01/28/2012 08:53	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 09:27	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 10:02	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 10:36	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 11:10	1		RTX-5 0.53(mm)
ZZZZZ		01/28/2012 11:45	1		RTX-5 0.53(mm)
CCV 600-71169/37		01/28/2012 12:19	1		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 10:28	50		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 11:36	5		RTX-5 0.53(mm)
ZZZZZ		01/30/2012 13:09	2		RTX-5 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70966 Batch Start Date: 01/26/12 11:36 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_S_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005MS 00029	TX1005SURR 00055	AnalysisComment
MB 600-70966/1		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL			250 uL	
LCS 600-70966/2		TX_1005_S_Prep, TX 1005		10.00 g	10.00 mL	250 uL		250 uL	
600-49143-A-1	2012-FWCS-7	TX_1005_S_Prep, TX 1005	T	10.00 g	10.00 mL			250 uL	
600-49143-A-1 MS	2012-FWCS-7	TX_1005_S_Prep, TX 1005	T	10.03 g	10.00 mL		250 uL	250 uL	designated
600-49143-A-1 MSD	2012-FWCS-7	TX_1005_S_Prep, TX 1005	T	10.01 g	10.00 mL		250 uL	250 uL	designated
600-49143-B-2	2012-FWCS-6	TX_1005_S_Prep, TX 1005	T	10.04 g	10.00 mL			250 uL	
600-49143-B-3	2012-FWCS-5	TX_1005_S_Prep, TX 1005	T	10.01 g	10.00 mL			250 uL	
600-49143-B-4	2012-FWCS-4	TX_1005_S_Prep, TX 1005	T	10.03 g	10.00 mL			250 uL	
600-49143-B-5	2012-FWCS-3	TX_1005_S_Prep, TX 1005	T	10.03 g	10.00 mL			250 uL	
600-49143-B-6	2012-FWCS-2	TX_1005_S_Prep, TX 1005	T	10.03 g	10.00 mL			250 uL	

Batch Notes	
Vendor lot number	ExPentane-00008
Solvent	Pentane

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71005 Batch Start Date: 01/26/12 15:45 Batch Analyst: Vo Pham, Ngoc-Ly

Batch Method: TX_1005_W_Prep Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	TX1005LCS 00033	TX1005SURR 00055	AnalysisComment
MB 600-71005/1		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL		100 uL	
LCS 600-71005/2		TX_1005_W_Prep, TX 1005		2 SU	30.00 mL	3.00 mL	100 uL	100 uL	
600-49143-A-7	Field Blank 4	TX_1005_W_Prep, TX 1005	T	2 SU	30.70 mL	3.00 mL		100 uL	Field blank
600-49143-C-10	Equipment Blank 8	TX_1005_W_Prep, TX 1005	T	2 SU	30.83 mL	3.00 mL		100 uL	Equipment blank
600-49143-A-11	Trip Blank 1/14/12	TX_1005_W_Prep, TX 1005	T	2 SU	30.47 mL	3.00 mL		100 uL	Trip blank

Batch Notes	
Vendor lot number	ExPentane-00008
Solvent	Pentane

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-FWCS-7	600-49143-1
2012-FWCS-6	600-49143-2
2012-FWCS-5	600-49143-3
2012-FWCS-4	600-49143-4
2012-FWCS-3	600-49143-5
2012-FWCS-2	600-49143-6
IDW 1	600-49143-8
IDW 2	600-49143-9
Equipment Blank 8	600-49143-10

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-7 Lab Sample ID: 600-49143-1

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 11:10

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 70.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.583	0.356	0.0365	mg/Kg			1	6010B
7439-92-1	Lead	63.9	0.713	0.149	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-6 Lab Sample ID: 600-49143-2

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 10:40

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 73.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.900	0.324	0.0332	mg/Kg			1	6010B
7439-92-1	Lead	253	0.648	0.136	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-5 Lab Sample ID: 600-49143-3

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 12:06

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 76.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	1.30	0.316	0.0324	mg/Kg			1	6010B
7439-92-1	Lead	224	0.631	0.132	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-4 Lab Sample ID: 600-49143-4

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 12:31

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 70.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.116	0.353	0.0362	mg/Kg	J		1	6010B
7439-92-1	Lead	158	0.707	0.148	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-3 Lab Sample ID: 600-49143-5

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 12:55

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 77.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.145	0.312	0.0320	mg/Kg	J		1	6010B
7439-92-1	Lead	35.0	0.624	0.131	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-FWCS-2 Lab Sample ID: 600-49143-6

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 13:19

Reporting Basis: DRY Date Received: 01/20/2012 09:37

% Solids: 79.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0756	0.305	0.0313	mg/Kg	J		1	6010B
7439-92-1	Lead	23.6	0.610	0.128	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: IDW 1
Lab Sample ID: 600-49143-8
Lab Name: TestAmerica Houston
Job No.: 600-49143-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/19/2012 15:39
Reporting Basis: DRY
Date Received: 01/20/2012 09:37
% Solids: 76.5

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	257	0.641	0.134	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: IDW 1 | Lab Sample ID: 600-49143-8

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG ID.:

Matrix: Solid | Date Sampled: 01/19/2012 15:39

Reporting Basis: WET | Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Pb	0.0290	0.100	0.0290	mg/L	U		1	6010B
7440-47-3	Cr	0.0155	0.100	0.0155	mg/L	U		1	6010B
7440-43-9	Cd	0.00450	0.0500	0.00350	mg/L	J		1	6010B
7440-39-3	Ba	0.498	0.200	0.0220	mg/L		b	1	6010B
7440-38-2	As	0.0328	0.100	0.0328	mg/L	U		1	6010B
7440-22-4	Ag	0.0125	0.100	0.0125	mg/L	U		1	6010B
7782-49-2	Se	0.0417	0.400	0.0417	mg/L	U		1	6010B
7439-97-6	Mercury	0.0260	0.200	0.0260	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: IDW 2 Lab Sample ID: 600-49143-9

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Water Date Sampled: 01/19/2012 15:51

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	1.32	0.0100	0.00290	mg/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: IDW 2 | Lab Sample ID: 600-49143-9

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG ID.:

Matrix: Water | Date Sampled: 01/19/2012 15:51

Reporting Basis: WET | Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Pb	0.805	0.100	0.0290	mg/L			1	6010B
7440-47-3	Cr	0.0155	0.100	0.0155	mg/L	U		1	6010B
7440-43-9	Cd	0.00880	0.0500	0.00350	mg/L	J		1	6010B
7440-39-3	Ba	0.142	0.200	0.0220	mg/L	J	b	1	6010B
7440-38-2	As	0.0328	0.100	0.0328	mg/L	U		1	6010B
7440-22-4	Ag	0.0125	0.100	0.0125	mg/L	U		1	6010B
7782-49-2	Se	0.0531	0.400	0.0417	mg/L	J		1	6010B
7439-97-6	Mercury	0.0260	0.200	0.0260	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Equipment Blank 8 Lab Sample ID: 600-49143-10

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Water Date Sampled: 01/19/2012 16:09

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.000500	0.00500	0.000350	mg/L	J		1	6010B
7439-92-1	Lead	0.0542	0.0100	0.00290	mg/L			1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	ICV 600-70835/9 01/25/2012 08:20				CCV 600-70835/83 01/25/2012 11:32				CCV 600-70835/96 01/25/2012 12:06			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4883		0.500	98	0.4783		0.500	96	0.4774		0.500	95
Lead	0.4843		0.500	97	0.4768		0.500	95	0.4774		0.500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00005 Concentration Units: mg/L

CCV Source: MET0112CCV_00005

Analyte	CCV 600-70835/109 01/25/2012 12:40				CCV 600-70835/113 01/25/2012 12:51							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4820		0.500	96	0.4772		0.500	95				
Lead	0.4787		0.500	96	0.4748		0.500	95				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-70888/4 01/25/2012 13:54				CCV 600-70888/38 01/25/2012 16:07				CCV 600-70888/50 01/25/2012 16:54			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2521		0.250	101	0.2491		0.250	100	0.2502		0.250	100
As	0.5039		0.500	101	0.5025		0.500	100	0.5051		0.500	101
Ba	0.5003		0.500	100	0.5023		0.500	100	0.5041		0.500	101
Cd	0.5107		0.500	102	0.5164		0.500	103	0.5225		0.500	105
Cr	0.5059		0.500	101	0.4977		0.500	100	0.5013		0.500	100
Pb	0.5078		0.500	102	0.5069		0.500	101	0.5108		0.500	102
Se	0.5142		0.500	103	0.5058		0.500	101	0.5096		0.500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-70888/59 01/25/2012 17:36											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2444		0.250	98								
As	0.4939		0.500	99								
Ba	0.4953		0.500	99								
Cd	0.5070		0.500	101								
Cr	0.4844		0.500	97								
Pb	0.4911		0.500	98								
Se	0.4914		0.500	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	ICV 600-71181/4 01/30/2012 10:59				CCV 600-71181/37 01/30/2012 13:08				CCV 600-71181/49 01/30/2012 14:02			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5135		0.500	103	0.4941		0.500	99	0.5070		0.500	101
Lead	0.5138		0.500	103	0.4677		0.500	94	0.4664		0.500	93

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MET0112CCV_00002 Concentration Units: mg/L

CCV Source: MET0112CCV_00002

Analyte	CCV 600-71181/58 01/30/2012 14:37											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5148		0.500	103								
Lead	0.4668		0.500	93								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MER0112S2_00015 Concentration Units: ug/L

CCV Source: MER0112S2_00015

Analyte	ICV 600-70887/8 01/25/2012 14:12				CCV 600-70887/11 01/25/2012 14:18				CCV 600-70887/23 01/25/2012 14:41			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.080		3.00	103	3.085		3.00	103	3.042		3.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MER0112S2_00015 Concentration Units: ug/L

CCV Source: MER0112S2_00015

Analyte	CCV 600-70887/35 01/25/2012 15:04				CCV 600-70887/47 01/25/2012 15:27				CCV 600-70887/58 01/25/2012 15:47			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.013		3.00	100	2.997		3.00	100	2.948		3.00	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

ICV Source: MER0112S2_00015 Concentration Units: ug/L

CCV Source: MER0112S2_00015

Analyte	CCV 600-70887/61 01/25/2012 15:54											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.986		3.00	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-70888/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cr	0.0100	0.009990	J	100	50-150
Pb	0.0100	0.01162		116	50-150
Cd	0.00500	0.005430		109	50-150
Ba	0.0100	0.01045	J	105	50-150
As	0.0100	0.01203		120	50-150
Ag	0.00500	0.004830	J	97	50-150
Se	0.0100	0.01099	J	110	50-150

Lab Sample ID: CRI 600-70888/96 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cr	0.0100	0.01020		102	50-150
Pb	0.0100	0.01156		116	50-150
Cd	0.00500	0.005400		108	50-150
Ba	0.0100	0.01048	J	105	50-150
As	0.0100	0.009170	J	92	50-150
Ag	0.00500	0.005260	J	105	50-150
Se	0.0100	0.009750	J	98	50-150

Lab Sample ID: CRI 600-71181/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.01083		108	0-500
Cadmium	0.00500	0.005370		107	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-71181/55 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.009530	J	95	0-500
Cadmium	0.00500	0.005320		106	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Method: 7470A Instrument ID: FIMS01

Lab Sample ID: CRA 600-70887/10 Concentration Units: ug/L

CRQL Check Standard Source: MER0112S1_00015

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.1711	J	86	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70835/11 01/25/2012 08:25		CCB 600-70835/85 01/25/2012 11:37		CCB 600-70835/98 01/25/2012 12:12		CCB 600-70835/111 01/25/2012 12:45	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-70835/115 01/25/2012 12:56							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-70888/5 01/25/2012 13:58		CCB 600-70888/39 01/25/2012 16:11		CCB 600-70888/51 01/25/2012 16:58		CCB 600-70888/60 01/25/2012 17:39	
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U	0.00125	U	0.00125	U	0.00125	U
As	0.0100	0.00328	U	0.00328	U	0.00328	U	0.00328	U
Ba	0.0200	0.00220	U	0.00220	U	0.00220	U	0.00220	U
Cd	0.00500	0.0003500	J	0.0004600	J	0.000350	U	0.000350	U
Cr	0.0100	0.00155	U	0.00155	U	0.00155	U	0.00155	U
Pb	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U
Se	0.0400	0.00417	U	0.00417	U	0.00417	U	0.00417	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-71181/5 01/30/2012 11:03		CCB 600-71181/38 01/30/2012 13:15		CCB 600-71181/50 01/30/2012 14:06		CCB 600-71181/59 01/30/2012 14:41	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 600-70887/9 01/25/2012 14:15		CCB 600-70887/12 01/25/2012 14:21		CCB 600-70887/24 01/25/2012 14:44		CCB 600-70887/36 01/25/2012 15:06	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.0260	U	0.0260	U	0.0260	U	0.0260	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 600-70887/48 01/25/2012 15:29		CCB 600-70887/59 01/25/2012 15:49		CCB 600-70887/62 01/25/2012 15:55			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.0260	U	0.0260	U	0.0260	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70604/1-A

Instrument Code: Thermo6500 Batch No.: 70835

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.00290	U		6010B
7440-43-9	Cadmium	0.000350	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-70836/1-A

Instrument Code: TJA1 Batch No.: 70888

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.00155	U		6010B
7439-92-1	Pb	0.00290	U		6010B
7440-43-9	Cd	0.000350	U		6010B
7440-39-3	Ba	0.00220	U		6010B
7440-38-2	As	0.00328	U		6010B
7440-22-4	Ag	0.00125	U		6010B
7782-49-2	Se	0.00417	U		6010B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 600-70806/1-B

Instrument Code: TJA1 Batch No.: 70888

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.0155	U		6010B
7439-92-1	Pb	0.0290	U		6010B
7440-43-9	Cd	0.00350	U		6010B
7440-39-3	Ba	0.04930	J		6010B
7440-38-2	As	0.0328	U		6010B
7440-22-4	Ag	0.0125	U		6010B
7782-49-2	Se	0.0417	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-71001/1-A

Instrument Code: TJA1 Batch No.: 71181

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.105	U		6010B
7440-43-9	Cadmium	0.0256	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 600-70863/7-A

Instrument Code: FIMS01 Batch No.: 70887

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0260	U		7470A

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 600-70806/1-C

Instrument Code: FIMS01 Batch No.: 70887

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0260	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-70835/12 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0141**	
Aluminum	*500*	*533*	*107*
Antimony		*-0.0082*	
Arsenic		*0.0042*	
Barium		*0.0006*	
Beryllium		*0.0000*	
Boron		*-0.0061*	
Calcium	*500*	*517*	*103*
Chromium		*0.0022*	
Cobalt		*0.0005*	
Copper		*0.0024*	
Iron	*200*	*202*	*101*
Lithium		*0.0072*	
Magnesium	*500*	*586*	*117*
Manganese		*-0.0053*	
Molybdenum		*-0.0009*	
Nickel		*0.0055*	
Potassium		*0.0188*	
Selenium		*0.0021*	
Silicon		*-0.0228*	
Silver		*-0.0004*	
Sodium		*0.0078*	
Strontium		*0.0022*	
Thallium		*-0.0085*	
Tin		*0.0010*	
Titanium		*0.0033*	
Vanadium		*-0.0056*	
Zinc		*0.0031*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-70835/13 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.513**	**103**
Lead	**1.00**	**0.939**	**94**
Aluminum	*510*	*565*	*111*
Antimony	*1.00*	*0.962*	*96*
Arsenic	*1.00*	*0.992*	*99*
Barium	*1.00*	*1.10*	*110*
Beryllium	*0.500*	*0.538*	*108*
Boron	*1.00*	*1.14*	*114*
Calcium	*510*	*537*	*105*
Chromium	*1.00*	*0.971*	*97*
Cobalt	*1.00*	*0.992*	*99*
Copper	*1.00*	*1.19*	*119*
Iron	*210*	*216*	*103*
Lithium	*1.00*	*1.12*	*112*
Magnesium	*510*	*601*	*118*
Manganese	*1.00*	*0.968*	*97*
Molybdenum	*1.00*	*0.899*	*90*
Nickel	*1.00*	*0.974*	*97*
Potassium	*10.0*	*11.4*	*114*
Selenium	*1.00*	*0.984*	*98*
Silicon	*1.00*	*1.01*	*101*
Silver	*0.500*	*0.555*	*111*
Sodium	*10.0*	*11.1*	*111*
Strontium	*0.500*	*0.547*	*109*
Thallium	*1.00*	*0.921*	*92*
Tin	*1.00*	*0.990*	*99*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.00*	*100*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-70835/116 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0001**	
Lead		**-0.0217**	
Aluminum	*500*	*567*	*113*
Antimony		*-0.0033*	
Arsenic		*0.0020*	
Barium		*0.0005*	
Beryllium		*-0.0003*	
Boron		*-0.0066*	
Calcium	*500*	*539*	*108*
Chromium		*0.0016*	
Cobalt		*0.0006*	
Copper		*0.0017*	
Iron	*200*	*204*	*102*
Lithium		*0.0081*	
Magnesium	*500*	*577*	*115*
Manganese		*-0.0053*	
Molybdenum		*-0.0011*	
Nickel		*0.0063*	
Potassium		*-0.0002*	
Selenium		*-0.0029*	
Silicon		*0.0204*	
Silver		*-0.0004*	
Sodium		*0.0807*	
Strontium		*0.0023*	
Thallium		*-0.0014*	
Tin		*0.0021*	
Titanium		*0.0030*	
Vanadium		*-0.0053*	
Zinc		*0.0029*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-70835/117 Instrument ID: Thermo6500

Lab File ID: 012512.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.507**	**101**
Lead	**1.00**	**0.918**	**92**
Aluminum	*510*	*598*	*117*
Antimony	*1.00*	*0.947*	*95*
Arsenic	*1.00*	*0.983*	*98*
Barium	*1.00*	*1.11*	*111*
Beryllium	*0.500*	*0.535*	*107*
Boron	*1.00*	*1.12*	*112*
Calcium	*510*	*555*	*109*
Chromium	*1.00*	*0.977*	*98*
Cobalt	*1.00*	*0.990*	*99*
Copper	*1.00*	*1.20*	*120*
Iron	*210*	*216*	*103*
Lithium	*1.00*	*1.18*	*118*
Magnesium	*510*	*590*	*116*
Manganese	*1.00*	*0.966*	*97*
Molybdenum	*1.00*	*0.879*	*88*
Nickel	*1.00*	*0.960*	*96*
Potassium	*10.0*	*12.0*	*120*
Selenium	*1.00*	*0.970*	*97*
Silicon	*1.00*	*0.962*	*96*
Silver	*0.500*	*0.553*	*111*
Sodium	*10.0*	*11.7*	*117*
Strontium	*0.500*	*0.542*	*108*
Thallium	*1.00*	*0.910*	*91*
Tin	*1.00*	*0.993*	*99*
Titanium	*1.00*	*1.03*	*103*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*0.997*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-70888/7 Instrument ID: TJA1

Lab File ID: B012512 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.0006**	
As		**0.0006**	
Ba		**0.0016**	
Cd		**0.0065**	
Cr		**0.0012**	
Pb		**0.0123**	
Se		**-0.0104**	
Aluminum	*500*	*500*	*100*
Antimony		*-0.0033*	
Beryllium		*-0.0003*	
Boron		*-0.0032*	
Calcium	*500*	*460*	*92*
Cobalt		*0.0001*	
Copper		*0.0127*	
Iron	*200*	*193*	*96*
Lithium		*0.0047*	
Magnesium	*500*	*510*	*102*
Manganese		*-0.0082*	
Molybdenum		*-0.0004*	
Nickel		*0.0011*	
Potassium		*0.160*	
Silicon		*0.0111*	
Sodium		*0.164*	
Strontium		*-0.0092*	
Thallium		*0.0031*	
Tin		*0.0019*	
Titanium		*-0.0026*	
Vanadium		*0.0046*	
Zinc		*0.0020*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-70888/8 Instrument ID: TJA1

Lab File ID: B012512 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**0.500**	**0.531**	**106**
As	**1.00**	**1.02**	**102**
Ba	**1.00**	**1.02**	**102**
Cd	**0.500**	**0.475**	**95**
Cr	**1.00**	**0.947**	**95**
Pb	**1.00**	**0.965**	**97**
Se	**1.00**	**0.985**	**99**
Aluminum	*510*	*504*	*99*
Antimony	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.479*	*96*
Boron	*1.00*	*1.03*	*103*
Calcium	*510*	*456*	*89*
Cobalt	*1.00*	*0.917*	*92*
Copper	*1.00*	*1.06*	*106*
Iron	*210*	*197*	*94*
Lithium	*1.00*	*1.22*	*122*
Magnesium	*510*	*508*	*100*
Manganese	*1.00*	*0.942*	*94*
Molybdenum	*1.00*	*0.982*	*98*
Nickel	*1.00*	*0.922*	*92*
Potassium	*10.0*	*14.3*	*143*
Silicon	*1.00*	*0.959*	*96*
Sodium	*10.0*	*13.5*	*135*
Strontium	*0.500*	*0.492*	*98*
Thallium	*1.00*	*0.979*	*98*
Tin	*1.00*	*0.991*	*99*
Titanium	*1.00*	*0.978*	*98*
Vanadium	*1.00*	*0.972*	*97*
Zinc	*1.00*	*1.00*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-70888/97 Instrument ID: TJA1

Lab File ID: B012512 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.0002**	
As		**-0.0020**	
Ba		**0.0016**	
Cd		**0.0059**	
Cr		**0.0010**	
Pb		**0.0115**	
Se		**-0.0113**	
Aluminum	*500*	*493*	*99*
Antimony		*-0.0001*	
Beryllium		*-0.0004*	
Boron		*-0.0035*	
Calcium	*500*	*454*	*91*
Cobalt		*0.0002*	
Copper		*0.0121*	
Iron	*200*	*192*	*96*
Lithium		*0.0048*	
Magnesium	*500*	*499*	*100*
Manganese		*-0.0079*	
Molybdenum		*-0.0005*	
Nickel		*0.0018*	
Potassium		*0.163*	
Silicon		*0.0066*	
Sodium		*0.164*	
Strontium		*-0.0090*	
Thallium		*0.0154*	
Tin		*0.0046*	
Titanium		*-0.0027*	
Vanadium		*0.0048*	
Zinc		*0.0267*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-70888/98 Instrument ID: TJA1

Lab File ID: B012512 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**0.500**	**0.534**	**107**
As	**1.00**	**1.03**	**103**
Ba	**1.00**	**1.03**	**103**
Cd	**0.500**	**0.491**	**98**
Cr	**1.00**	**0.952**	**95**
Pb	**1.00**	**0.985**	**98**
Se	**1.00**	**0.989**	**99**
Aluminum	*510*	*502*	*98*
Antimony	*1.00*	*1.05*	*105*
Beryllium	*0.500*	*0.474*	*95*
Boron	*1.00*	*1.05*	*105*
Calcium	*510*	*462*	*91*
Cobalt	*1.00*	*0.922*	*92*
Copper	*1.00*	*1.04*	*104*
Iron	*210*	*201*	*96*
Lithium	*1.00*	*1.24*	*124*
Magnesium	*510*	*509*	*100*
Manganese	*1.00*	*0.953*	*95*
Molybdenum	*1.00*	*1.00*	*100*
Nickel	*1.00*	*0.927*	*93*
Potassium	*10.0*	*14.6*	*146*
Silicon	*1.00*	*0.961*	*96*
Sodium	*10.0*	*13.7*	*137*
Strontium	*0.500*	*0.501*	*100*
Thallium	*1.00*	*1.01*	*101*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*0.987*	*99*
Vanadium	*1.00*	*0.977*	*98*
Zinc	*1.00*	*1.04*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-71181/7 Instrument ID: TJA1

Lab File ID: B013012 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0035**	
Lead		**0.0054**	
Aluminum	*500*	*505*	*101*
Antimony		*0.0011*	
Arsenic		*-0.0004*	
Barium		*0.0016*	
Beryllium		*-0.0003*	
Boron		*-0.0035*	
Calcium	*500*	*456*	*91*
Chromium		*0.0009*	
Cobalt		*-0.0004*	
Copper		*0.0125*	
Iron	*200*	*195*	*97*
Lithium		*0.0046*	
Magnesium	*500*	*509*	*102*
Manganese		*-0.0077*	
Molybdenum		*-0.0005*	
Nickel		*0.0004*	
Potassium		*0.102*	
Selenium		*-0.0105*	
Silicon		*0.0086*	
Silver		*-0.0005*	
Sodium		*0.155*	
Strontium		*-0.0091*	
Thallium		*-0.0245*	
Tin		*0.0000*	
Titanium		*-0.0025*	
Vanadium		*0.0035*	
Zinc		*0.0036*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-71181/8 Instrument ID: TJA1

Lab File ID: B013012 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.441**	**88**
Lead	**1.00**	**0.903**	**90**
Aluminum	*510*	*469*	*92*
Antimony	*1.00*	*0.956*	*96*
Arsenic	*1.00*	*0.955*	*95*
Barium	*1.00*	*0.963*	*96*
Beryllium	*0.500*	*0.448*	*90*
Boron	*1.00*	*0.969*	*97*
Calcium	*510*	*425*	*83*
Chromium	*1.00*	*0.881*	*88*
Cobalt	*1.00*	*0.851*	*85*
Copper	*1.00*	*1.00*	*100*
Iron	*210*	*187*	*89*
Lithium	*1.00*	*1.14*	*114*
Magnesium	*510*	*474*	*93*
Manganese	*1.00*	*0.880*	*88*
Molybdenum	*1.00*	*0.914*	*91*
Nickel	*1.00*	*0.833*	*83*
Potassium	*10.0*	*13.4*	*134*
Selenium	*1.00*	*0.941*	*94*
Silicon	*1.00*	*0.893*	*89*
Silver	*0.500*	*0.498*	*100*
Sodium	*10.0*	*12.8*	*128*
Strontium	*0.500*	*0.468*	*94*
Thallium	*1.00*	*0.899*	*90*
Tin	*1.00*	*0.914*	*91*
Titanium	*1.00*	*0.919*	*92*
Vanadium	*1.00*	*0.910*	*91*
Zinc	*1.00*	*0.939*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSA 600-71181/56 Instrument ID: TJA1

Lab File ID: B013012 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0024**	
Lead		**0.0050**	
Aluminum	*500*	*427*	*85*
Antimony		*0.0047*	
Arsenic		*-0.0011*	
Barium		*0.0017*	
Beryllium		*-0.0022*	
Boron		*0.0002*	
Calcium	*500*	*402*	*80*
Chromium		*0.0004*	
Cobalt		*-0.0004*	
Copper		*0.0073*	
Iron	*200*	*178*	*89*
Lithium		*0.0045*	
Magnesium	*500*	*421*	*84*
Manganese		*-0.0059*	
Molybdenum		*-0.0008*	
Nickel		*0.0005*	
Potassium		*-0.0468*	
Selenium		*-0.0229*	
Silicon		*-0.0086*	
Silver		*-0.0010*	
Sodium		*0.157*	
Strontium		*-0.0078*	
Thallium		*0.0283*	
Tin		*-0.0013*	
Titanium		*-0.0023*	
Vanadium		*0.0053*	
Zinc		*-0.0024*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Lab Sample ID: ICSAB 600-71181/57 Instrument ID: TJA1

Lab File ID: B013012 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.476**	**95**
Lead	**1.00**	**0.894**	**89**
Aluminum	*510*	*445*	*87*
Antimony	*1.00*	*1.04*	*104*
Arsenic	*1.00*	*0.961*	*96*
Barium	*1.00*	*1.10*	*110*
Beryllium	*0.500*	*0.389*	*78*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*423*	*83*
Chromium	*1.00*	*0.797*	*80*
Cobalt	*1.00*	*0.738*	*74*
Copper	*1.00*	*0.929*	*93*
Iron	*210*	*194*	*92*
Lithium	*1.00*	*1.29*	*129*
Magnesium	*510*	*441*	*87*
Manganese	*1.00*	*0.845*	*85*
Molybdenum	*1.00*	*0.916*	*92*
Nickel	*1.00*	*0.893*	*89*
Potassium	*10.0*	*15.5*	*155*
Selenium	*1.00*	*0.866*	*87*
Silicon	*1.00*	*0.856*	*86*
Silver	*0.500*	*0.500*	*100*
Sodium	*10.0*	*14.3*	*143*
Strontium	*0.500*	*0.538*	*108*
Thallium	*1.00*	*1.08*	*108*
Tin	*1.00*	*0.799*	*80*
Titanium	*1.00*	*0.935*	*93*
Vanadium	*1.00*	*0.854*	*85*
Zinc	*1.00*	*0.993*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-FWCS-7 MS
Lab ID: 600-49143-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-49143-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 69.9

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	27.44		0.583		34.7	77	75-125		6010B
Lead	172.0		63.9		69.5	156	75-125	N	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-FWCS-7 MSD
Lab ID: 600-49143-1 MSD
Lab Name: TestAmerica Houston
Job No.: 600-49143-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 70.8

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	26.09		34.0	75	75-125	5	20		6010B
Lead	102.3		67.9	57	75-125	51	20	N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-FWCS-7 PDS | Lab ID: 600-49143-1 PDS

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	120.2		63.9		71.3	79	75-125		6010B
Cadmium	29.93		0.583		35.6	82	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 2012-FWCS-7 DU | Lab ID: 600-49143-1 DU

Lab Name: TestAmerica Houston | Job No.: 600-49143-1

SDG No.:

% Solids for Sample: 70.2 | % Solids for Duplicate: 70.2

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.685	63.9		53.16		18		6010B
Cadmium	0.343	0.583		0.9203		45		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70604/2-A

Lab Name: TestAmerica Houston Job No.: 600-49143-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	1.00	0.9466		95	80	120		6010B
Cadmium	0.500	0.4716		94	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70836/2-A

Lab Name: TestAmerica Houston Job No.: 600-49143-1

Sample Matrix: Water LCS Source: METSPIKEA_00010

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cr	1.00	1.005		100	80	120		6010B
Pb	1.00	1.022		102	80	120		6010B
Cd	0.500	0.5203		104	80	120		6010B
Ba	1.00	1.024		102	80	120		6010B
As	1.00	1.021		102	80	120		6010B
Ag	0.500	0.5084		102	80	120		6010B
Se	1.00	1.021		102	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-71001/2-A

Lab Name: TestAmerica Houston Job No.: 600-49143-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	144	130.3		91	79	121		6010B
Cadmium	71.0	70.91		100	81	119		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-70863/8-A

Lab Name: TestAmerica Houston Job No.: 600-49143-1

Sample Matrix: Water LCS Source: MER0112S2_00015

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	3.00	2.969		99	70	130		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-49143-1

SDG No:

Lab Name: TestAmerica Houston Job No: 600-49143-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	63.9		81.28		27	*	6010B
Cadmium	0.583		0.4775	J	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073
Lead		0.01	0.0029

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: FIMS01

Method: 7470A MDL Date: 03/02/2009 11:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.026

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: FIMS01

Method: 7470A XMDL Date: 05/16/2008 15:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.026

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: FIMS01

Method: 7470A MDL Date: 03/02/2009 11:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.026

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: FIMS01

Method: 7470A XMDL Date: 05/16/2008 15:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.026

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.008681		0.000029		
Arsenic											-0.009123				
Barium															
Beryllium															
Boron															
Cadmium								0.000234					0.000099		
Calcium															
Chromium															
Cobalt															
Copper															
Iron										0.08823					
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon											-0.009205				
Silver															
Sodium															
Strontium								0.000024							
Thallium			-0.000006							0.00234	0.000265		0.000021		
Tin															
Titanium															
Vanadium															
Zinc								0.000002					0.000188		

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	Mg	MgHAR	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl
Aluminum															
Antimony					-0.00025							-0.001612		-0.002092	
Arsenic					-0.000546										
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron				-0.003664	0.020177										
Lead															
Lithium															
Magnesium															
Manganese		0.000019													
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium				0.00056											
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

ICP-AES Instrument ID: TJA1 Date: 02/22/2011

Analyte	Wave Length	V	Zn												
Aluminum															
Antimony		-0.001688													
Arsenic															
Barium															
Beryllium		0.00032													
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron		-0.51875													
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver		0.000137													
Sodium															
Strontium															
Thallium		-0.000094													
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-49143-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Pb		50	6010B
Cr		50	6010B
Lead		50	6010B
Cd		25	6010B
Ba		50	6010B
As		50	6010B
Ag		5	6010B
Se		25	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70604/1-A	01/23/2012 05:50	70604		50	50
LCS 600-70604/2-A	01/23/2012 05:50	70604		50	50
600-49143-9	01/23/2012 05:50	70604		50	50
600-49143-10	01/23/2012 05:50	70604		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70836/1-A	01/25/2012 10:25	70836		50	50
LCS 600-70836/2-A	01/25/2012 10:25	70836		50	50
LB 600-70806/1-B	01/25/2012 10:25	70836		5	50
600-49143-9	01/25/2012 10:25	70836		5	50
600-49143-8	01/25/2012 10:25	70836		5	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-71001/1-A	01/26/2012 15:05	71001	1.00		50
LCS 600-71001/2-A	01/26/2012 15:05	71001	0.50		50
600-49143-1	01/26/2012 15:05	71001	1.00		50
600-49143-1 DU	01/26/2012 15:05	71001	1.04		50
600-49143-1 MS	01/26/2012 15:05	71001	1.03		50
600-49143-1 MSD	01/26/2012 15:05	71001	1.04		50
600-49143-2	01/26/2012 15:05	71001	1.05		50
600-49143-3	01/26/2012 15:05	71001	1.04		50
600-49143-4	01/26/2012 15:05	71001	1.00		50
600-49143-5	01/26/2012 15:05	71001	1.04		50
600-49143-6	01/26/2012 15:05	71001	1.03		50
600-49143-8	01/26/2012 15:05	71001	1.02		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-70863/7-A	01/25/2012 11:15	70863		40	40
LCS 600-70863/8-A	01/25/2012 11:15	70863		50	50
LB 600-70806/1-C	01/25/2012 11:15	70863		40	40
600-49143-9	01/25/2012 11:15	70863		40	40
600-49143-8	01/25/2012 11:15	70863		40	40

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
RINSE 600-70835/1			08:00																					
RINSE 600-70835/2			08:02																					
ZZZZZZ			08:05																					
ZZZZZZ			08:08																					
CALIBSTD 600-70835/5 IC			08:10	X	X																			
CALIBSTD 600-70835/6 IC			08:13	X	X																			
CALIBSTD 600-70835/7 IC			08:15	X	X																			
CALIBSTD 600-70835/8 IC			08:18	X	X																			
ICV 600-70835/9	1		08:20	X	X																			
ZZZZZZ			08:22																					
ICB 600-70835/11	1		08:25	X	X																			
ICSA 600-70835/12	1		08:28	X	X																			
ICSAB 600-70835/13	1		08:30	X	X																			
CCV 600-70835/14			08:33																					
ZZZZZZ			08:35																					
CCB 600-70835/16			08:38																					
ZZZZZZ			08:40																					
ZZZZZZ			08:43																					
ZZZZZZ			08:45																					
ZZZZZZ			08:48																					
ZZZZZZ			08:51																					
ZZZZZZ			08:53																					
ZZZZZZ			08:56																					
ZZZZZZ			08:58																					
ZZZZZZ			09:01																					
ZZZZZZ			09:03																					
CCV 600-70835/27			09:06																					
ZZZZZZ			09:09																					
CCB 600-70835/29			09:11																					
ZZZZZZ			09:14																					
ZZZZZZ			09:16																					
ZZZZZZ			09:19																					
ZZZZZZ			09:22																					
ZZZZZZ			09:24																					
ZZZZZZ			09:27																					
ZZZZZZ			09:29																					
ZZZZZZ			09:32																					
ZZZZZZ			09:34																					
ZZZZZZ			09:37																					
CCV 600-70835/40			09:40																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			09:42																					
CCB 600-70835/42			09:45																					
ZZZZZZ			09:47																					
ZZZZZZ			09:50																					
ZZZZZZ			09:52																					
ZZZZZZ			09:55																					
ZZZZZZ			09:58																					
ZZZZZZ			10:00																					
ZZZZZZ			10:03																					
ZZZZZZ			10:05																					
CCV 600-70835/51			10:08																					
ZZZZZZ			10:11																					
CCB 600-70835/53			10:13																					
ZZZZZZ			10:16																					
ZZZZZZ			10:19																					
ZZZZZZ			10:21																					
ZZZZZZ			10:24																					
ZZZZZZ			10:26																					
ZZZZZZ			10:29																					
ZZZZZZ			10:32																					
ZZZZZZ			10:35																					
ZZZZZZ			10:37																					
ZZZZZZ			10:40																					
CCV 600-70835/64			10:43																					
ZZZZZZ			10:45																					
CCB 600-70835/66			10:48																					
ZZZZZZ			10:51																					
ZZZZZZ			10:53																					
ZZZZZZ			10:56																					
ZZZZZZ			10:59																					
ZZZZZZ			11:01																					
ZZZZZZ			11:03																					
ZZZZZZ			11:06																					
ZZZZZZ			11:09																					
ZZZZZZ			11:12																					
ZZZZZZ			11:14																					
CCV 600-70835/77			11:17																					
ZZZZZZ			11:19																					
CCB 600-70835/79			11:22																					
ZZZZZZ			11:25																					
ZZZZZZ			11:27																					
ZZZZZZ			11:30																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 01/25/2012 08:00 End Date: 01/25/2012 16:07

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
CCV 600-70835/83	1		11:32	X	X																			
ZZZZZZ			11:35																					
CCB 600-70835/85	1		11:37	X	X																			
MB 600-70604/1-A	1	T	11:40	X	X																			
LCS 600-70604/2-A	1	T	11:43	X	X																			
ZZZZZZ			11:45																					
ZZZZZZ			11:48																					
ZZZZZZ			11:50																					
ZZZZZZ			11:53																					
ZZZZZZ			11:56																					
ZZZZZZ			11:58																					
ZZZZZZ			12:01																					
ZZZZZZ			12:04																					
CCV 600-70835/96	1		12:06	X	X																			
ZZZZZZ			12:09																					
CCB 600-70835/98	1		12:12	X	X																			
ZZZZZZ			12:14																					
ZZZZZZ			12:17																					
ZZZZZZ			12:19																					
ZZZZZZ			12:22																					
ZZZZZZ			12:24																					
600-49143-9	1	T	12:27		X																			
600-49143-10	1	T	12:30	X	X																			
ZZZZZZ			12:32																					
ZZZZZZ			12:35																					
ZZZZZZ			12:38																					
CCV 600-70835/109	1		12:40	X	X																			
ZZZZZZ			12:43																					
CCB 600-70835/111	1		12:45	X	X																			
ZZZZZZ			12:48																					
CCV 600-70835/113	1		12:51	X	X																			
ZZZZZZ			12:53																					
CCB 600-70835/115	1		12:56	X	X																			
ICSA 600-70835/116	1		15:54	X	X																			
ICSAB 600-70835/117	1		15:57	X	X																			
CCV 600-70835/118			15:59																					
CCB 600-70835/119			16:01																					
RINSE 600-70835/120			16:04																					
RINSE 600-70835/121			16:07																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/25/2012 13:42 End Date: 01/25/2012 20:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			13:42																				
STD 600-70888/2 IC			13:45	X	X	X	X	X	X	X													
ZZZZZZ			13:50																				
ICV 600-70888/4	1		13:54	X	X	X	X	X	X	X													
ICB 600-70888/5	1		13:58	X	X	X	X	X	X	X													
CRI 600-70888/6	1		14:02	X	X	X	X	X	X	X													
ICSA 600-70888/7	1		14:05	X	X	X	X	X	X	X													
ICSAB 600-70888/8	1		14:09	X	X	X	X	X	X	X													
CCV 600-70888/9			14:13																				
CCB 600-70888/10			14:17																				
ZZZZZZ			14:21																				
ZZZZZZ			14:25																				
ZZZZZZ			14:29																				
ZZZZZZ			14:32																				
ZZZZZZ			14:36																				
ZZZZZZ			14:40																				
ZZZZZZ			14:44																				
ZZZZZZ			14:48																				
ZZZZZZ			14:52																				
ZZZZZZ			14:56																				
CCV 600-70888/21			14:59																				
CCB 600-70888/22			15:03																				
ZZZZZZ			15:07																				
ZZZZZZ			15:12																				
ZZZZZZ			15:16																				
CCV 600-70888/26			15:20																				
CCB 600-70888/27			15:24																				
ZZZZZZ			15:28																				
ZZZZZZ			15:31																				
ZZZZZZ			15:35																				
ZZZZZZ			15:39																				
ZZZZZZ			15:43																				
ZZZZZZ			15:47																				
ZZZZZZ			15:51																				
ZZZZZZ			15:56																				
ZZZZZZ			16:00																				
ZZZZZZ			16:03																				
CCV 600-70888/38	1		16:07	X	X	X	X	X	X	X													
CCB 600-70888/39	1		16:11	X	X	X	X	X	X	X													
MB 600-70836/1-A	1	T	16:16	X	X	X	X	X	X	X													
LCS 600-70836/2-A	1	T	16:20	X	X	X	X	X	X	X													
LB 600-70806/1-B	1	P	16:24	X	X	X	X	X	X	X													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/25/2012 13:42 End Date: 01/25/2012 20:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			16:27																				
ZZZZZZ			16:31																				
ZZZZZZ			16:35																				
600-49143-9	1	P	16:39	X	X	X	X	X	X	X													
ZZZZZZ			16:43																				
ZZZZZZ			16:47																				
ZZZZZZ			16:51																				
CCV 600-70888/50	1		16:54	X	X	X	X	X	X	X													
CCB 600-70888/51	1		16:58	X	X	X	X	X	X	X													
600-49143-8	1	P	17:02	X	X	X	X	X	X	X													
ZZZZZZ			17:06																				
ZZZZZZ			17:10																				
ZZZZZZ			17:14																				
ZZZZZZ			17:17																				
ZZZZZZ			17:21																				
ZZZZZZ			17:25																				
CCV 600-70888/59	1		17:36	X	X	X	X	X	X	X													
CCB 600-70888/60	1		17:39	X	X	X	X	X	X	X													
ZZZZZZ			17:47																				
ZZZZZZ			17:51																				
ZZZZZZ			17:54																				
ZZZZZZ			17:58																				
ZZZZZZ			18:02																				
ZZZZZZ			18:06																				
ZZZZZZ			18:10																				
ZZZZZZ			18:14																				
ZZZZZZ			18:17																				
ZZZZZZ			18:21																				
CCV 600-70888/71			18:25																				
CCB 600-70888/72			18:29																				
ZZZZZZ			18:33																				
ZZZZZZ			18:37																				
ZZZZZZ			18:41																				
ZZZZZZ			18:44																				
ZZZZZZ			18:48																				
ZZZZZZ			18:52																				
ZZZZZZ			18:56																				
ZZZZZZ			19:00																				
ZZZZZZ			19:04																				
ZZZZZZ			19:08																				
CCV 600-70888/83			19:11																				
CCB 600-70888/84			19:15																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/25/2012 13:42 End Date: 01/25/2012 20:17

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			19:19																				
ZZZZZZ			19:23																				
ZZZZZZ			19:27																				
ZZZZZZ			19:31																				
ZZZZZZ			19:35																				
ZZZZZZ			19:38																				
ZZZZZZ			19:42																				
ZZZZZZ			19:46																				
ZZZZZZ			19:50																				
CCV 600-70888/94			19:54																				
CCB 600-70888/95			19:58																				
CRI 600-70888/96	1		20:01	X	X	X	X	X	X	X													
ICSA 600-70888/97	1		20:05	X	X	X	X	X	X	X													
ICSAB 600-70888/98	1		20:09	X	X	X	X	X	X	X													
CCV 600-70888/99			20:13																				
CCB 600-70888/100			20:17																				

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/30/2012 10:48 End Date: 01/30/2012 14:41

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			10:48																					
STD 600-71181/2 IC			10:51	X	X																			
ZZZZZZ			10:56																					
ICV 600-71181/4	1		10:59	X	X																			
ICB 600-71181/5	1		11:03	X	X																			
CRI 600-71181/6	1		11:09	X	X																			
ICSA 600-71181/7	1		11:13	X	X																			
ICSAB 600-71181/8	1		11:17	X	X																			
CCV 600-71181/9			11:21																					
CCB 600-71181/10			11:24																					
ZZZZZZ			11:28																					
ZZZZZZ			11:32																					
ZZZZZZ			11:36																					
ZZZZZZ			11:40																					
ZZZZZZ			11:44																					
ZZZZZZ			11:48																					
ZZZZZZ			11:51																					
ZZZZZZ			11:55																					
ZZZZZZ			11:59																					
ZZZZZZ			12:03																					
CCV 600-71181/21			12:07																					
CCB 600-71181/22			12:11																					
ZZZZZZ			12:15																					
ZZZZZZ			12:18																					
ZZZZZZ			12:22																					
ZZZZZZ			12:26																					
ZZZZZZ			12:30																					
ZZZZZZ			12:34																					
ZZZZZZ			12:38																					
ZZZZZZ			12:41																					
ZZZZZZ			12:45																					
ZZZZZZ			12:49																					
CCV 600-71181/33			12:53																					
CCB 600-71181/34			12:57																					
ZZZZZZ			13:01																					
ZZZZZZ			13:05																					
CCV 600-71181/37	1		13:08	X	X																			
CCB 600-71181/38	1		13:15	X	X																			
MB 600-71001/1-A	1	T	13:24	X	X																			
LCS 600-71001/2-A	1	T	13:28	X	X																			
600-49143-1	1	T	13:32	X	X																			
600-49143-1 DU	1	T	13:35	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 01/30/2012 10:48 End Date: 01/30/2012 14:41

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd	Pb																		
600-49143-1 MS	1	T	13:39	X	X																		
600-49143-1 MSD	1	T	13:43	X	X																		
600-49143-2	1	T	13:47	X	X																		
600-49143-3	1	T	13:51	X	X																		
600-49143-4	1	T	13:55	X	X																		
600-49143-5	1	T	13:58	X	X																		
CCV 600-71181/49	1		14:02	X	X																		
CCB 600-71181/50	1		14:06	X	X																		
600-49143-6	1	T	14:10	X	X																		
600-49143-8	1	T	14:14		X																		
600-49143-1 PDS	1	T	14:18	X	X																		
600-49143-1 SD	5	T	14:22	X	X																		
CRI 600-71181/55	1		14:25	X	X																		
ICSA 600-71181/56	1		14:29	X	X																		
ICSAB 600-71181/57	1		14:33	X	X																		
CCV 600-71181/58	1		14:37	X	X																		
CCB 600-71181/59	1		14:41	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 01/25/2012 13:58 End Date: 01/25/2012 15:55

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			13:58																				
ZZZZZZ			14:00																				
ZZZZZZ			14:02																				
ZZZZZZ			14:03																				
ZZZZZZ			14:05																				
ZZZZZZ			14:07																				
ZZZZZZ			14:10																				
ICV 600-70887/8	1		14:12	X																			
ICB 600-70887/9	1		14:15	X																			
CRA 600-70887/10	1		14:17	X																			
CCV 600-70887/11	1		14:18	X																			
CCB 600-70887/12	1		14:21	X																			
MB 600-70863/7-A	1	T	14:23	X																			
LCS 600-70863/8-A	1	T	14:25	X																			
ZZZZZZ			14:27																				
ZZZZZZ			14:28																				
ZZZZZZ			14:30																				
ZZZZZZ			14:32																				
ZZZZZZ			14:34																				
ZZZZZZ			14:36																				
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
CCV 600-70887/23	1		14:41	X																			
CCB 600-70887/24	1		14:44	X																			
ZZZZZZ			14:45																				
ZZZZZZ			14:47																				
ZZZZZZ			14:49																				
ZZZZZZ			14:51																				
ZZZZZZ			14:53																				
ZZZZZZ			14:55																				
ZZZZZZ			14:56																				
ZZZZZZ			14:58																				
ZZZZZZ			15:00																				
ZZZZZZ			15:02																				
CCV 600-70887/35	1		15:04	X																			
CCB 600-70887/36	1		15:06	X																			
ZZZZZZ			15:08																				
ZZZZZZ			15:10																				
ZZZZZZ			15:12																				
ZZZZZZ			15:14																				
ZZZZZZ			15:16																				
LB 600-70806/1-C	1	P	15:18	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 01/25/2012 13:58 End Date: 01/25/2012 15:55

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			15:20																				
600-49143-9	1	P	15:21	X																			
ZZZZZZ			15:23																				
ZZZZZZ			15:25																				
CCV 600-70887/47	1		15:27	X																			
CCB 600-70887/48	1		15:29	X																			
ZZZZZZ			15:31																				
600-49143-8	1	P	15:32	X																			
ZZZZZZ			15:34																				
ZZZZZZ			15:36																				
ZZZZZZ			15:38																				
ZZZZZZ			15:40																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:45																				
CCV 600-70887/58	1		15:47	X																			
CCB 600-70887/59	1		15:49	X																			
ZZZZZZ			15:52																				
CCV 600-70887/61	1		15:54	X																			
CCB 600-70887/62	1		15:55	X																			

Prep Types

P = TCLP

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:00:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0003	0.0006	241.3	0.0002	-0.0007
Al3082	308.215	{1	In2306	ppm	0.0248	0.0603	242.9	-0.0178	0.0674
As1890	189.042	{4	Y_2243	ppm	0.0004	0.0002	45.86	0.0003	0.0005
B_2496	249.678	{1	Y_3710	ppm	-0.0001	0.0024	1824	-0.0018	0.0016
Ba4554	455.403	{ 7	Y_3710	ppm	-0.0003	0.0001	18.5	-0.0003	-0.0002
Be3130	313.042	{1	Y_3710	ppm	0.0002	0.0001	41.34	0.0003	0.0001
Ca3158	315.887	{1	In2306	ppm	-0.0184	0.0173	94.05	-0.0062	-0.0307
Ca3181	318.128	{1	In2306	ppm	-0.0073	0.048	658.3	0.0266	-0.0412
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0	41.79	-0.0001	-0.0001
Co2286	228.616	{4	In2306	ppm	0.0001	0	41.33	0.0001	0.0001
Cr2677	267.716	{1	Y_3600	ppm	-0.0003	0.0002	77.57	-0.0001	-0.0005
Cu3247	324.754	{1	Y_3600	ppm	-0.0005	0.0007	150	0	-0.001
Fe2404	240.488	{1	In2306	ppm	0.0092	0.0013	14.45	0.0102	0.0083
K_7664	766.490	{ 4	Y_3710	ppm	0.0114	0.0024	21.18	0.0097	0.0131
K_7698	769.896	{ 4	Y_3710	ppm	-0.3328	0.0371	11.14	-0.359	-0.3066
Li6707	670.784	{ 5	Y_3710	ppm	0.0002	0.0002	108.8	0	0.0003
Mg2790	279.079	{1	Y_3710	ppm	0.0297	0.0244	82.16	0.047	0.0125
Mn2576	257.610	{1	Y_3600	ppm	0	0.0001	150.7	0	-0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0017	0.0004	24.61	-0.0014	-0.002
Mo2020	202.030	{4	Y_2243	ppm	0.0001	0.0001	59.55	0.0001	0.0002
Na5895	589.592	{ 5	Y_3710	ppm	-0.0618	0.001	1.571	-0.0611	-0.0625
Na8183	818.326	{ 4	Y_3710	ppm	-0.0098	0.0444	452.4	-0.0412	0.0216
Ni2316	231.604	{4	In2306	ppm	-0.0002	0.0001	47.57	-0.0001	-0.0002
P_1782	178.284	{4	In2306	ppm	-0.0014	0.0004	28.79	-0.0011	-0.0017
Pb2203	220.353	{4	In2306	ppm	0.001	0.0008	85.61	0.0016	0.0004
S_1820	182.034	{4	Y_2243	ppm	0.0904	0.0879	97.24	0.1526	0.0282
Sb2068	206.833	{4	Y_2243	ppm	0.003	0.0004	13.21	0.0028	0.0033
Se1960	196.090	{4	Y_2243	ppm	-0.0005	0.0003	58	-0.0008	-0.0003
Si2516	251.611	{1	Y_3710	ppm	0.006	0.0305	505.7	-0.0156	0.0276
Sn1899	189.989	{4	In2306	ppm	-0.0002	0.0001	29.74	-0.0001	-0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	-0.0001	0.0001	163.5	-0.0001	0
Ti3349	334.904	{1	Y_3600	ppm	0.0002	0.0001	24.13	0.0002	0.0003
Tl1908	190.856	{4	In2306	ppm	-0.0015	0.0008	49.27	-0.001	-0.0021
V_2924	292.402	{1	Y_3600	ppm	-0.0001	0.0001	200.2	0	-0.0002
Zn2062	206.200	{4	In2306	ppm	-0.0008	0	0.9309	-0.0008	-0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	62.79	0.25795	0.41081	62.607	62.972
In2306	230.606	{4	Cts/S	10038	18.347	0.18277	10051	10025
Y_2243	224.306	{4	Cts/S	12269	24.654	0.20094	12286	12252
Y_3600	360.073	{ 9	Cts/S	47460	101.79	0.21446	47532	47388

Y_3710	371.030 {	९	Cts/S	8638.3	39.515	0.45744	8610.4	8666.3

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:02:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0002	0.0007	284.8	0.0007	-0.0002
Al3082	308.215	{1	In2306	ppm	0.0746	0.0231	30.97	0.0582	0.0909
As1890	189.042	{4	Y_2243	ppm	0.0022	0.0009	40.37	0.0028	0.0016
B_2496	249.678	{1	Y_3710	ppm	-0.0038	0.0004	11.88	-0.0034	-0.0041
Ba4554	455.403	{ 7	Y_3710	ppm	0	0	78.97	0.0001	0
Be3130	313.042	{1	Y_3710	ppm	0.0002	0.0001	37.37	0.0002	0.0003
Ca3158	315.887	{1	In2306	ppm	0.0709	0.0013	1.791	0.07	0.0718
Ca3181	318.128	{1	In2306	ppm	0.1133	0.0101	8.93	0.1061	0.1204
Cd2288	228.802	{4	Y_2243	ppm	-0.0002	0	5.03	-0.0002	-0.0002
Co2286	228.616	{4	In2306	ppm	0.0002	0.0001	48.33	0.0001	0.0002
Cr2677	267.716	{1	Y_3600	ppm	-0.0002	0	8.849	-0.0002	-0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0008	0.0002	21.25	-0.0009	-0.0007
Fe2404	240.488	{1	In2306	ppm	0.0155	0.0021	13.77	0.0171	0.014
K_7664	766.490	{ 4	Y_3710	ppm	0.0211	0.0047	22.2	0.0244	0.0178
K_7698	769.896	{ 4	Y_3710	ppm	-0.3044	0.0333	10.95	-0.2808	-0.328
Li6707	670.784	{ 5	Y_3710	ppm	0.0003	0	7.206	0.0003	0.0003
Mg2790	279.079	{1	Y_3710	ppm	0.0479	0.0449	93.89	0.0797	0.0161
Mn2576	257.610	{1	Y_3600	ppm	0.0002	0.0001	29.97	0.0002	0.0001
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0005	0	0.7494	-0.0005	-0.0005
Mo2020	202.030	{4	Y_2243	ppm	-0.0002	0	18.61	-0.0003	-0.0002
Na5895	589.592	{ 5	Y_3710	ppm	-0.0513	0.0003	0.6485	-0.0515	-0.051
Na8183	818.326	{ 4	Y_3710	ppm	-0.0139	0.0404	289.7	-0.0425	0.0146
Ni2316	231.604	{4	In2306	ppm	0.0001	0	16.96	0.0001	0.0002
P_1782	178.284	{4	In2306	ppm	-0.0006	0.0003	51.16	-0.0008	-0.0004
Pb2203	220.353	{4	In2306	ppm	0.0011	0.0004	33.4	0.0008	0.0013
S_1820	182.034	{4	Y_2243	ppm	-0.0724	0.0069	9.55	-0.0675	-0.0773
Sb2068	206.833	{4	Y_2243	ppm	0.0012	0.0014	120.3	0.0002	0.0022
Se1960	196.090	{4	Y_2243	ppm	0.0009	0.0007	80.48	0.0014	0.0004
Si2516	251.611	{1	Y_3710	ppm	-0.0162	0.0055	34.09	-0.0201	-0.0123
Sn1899	189.989	{4	In2306	ppm	0.0001	0.0003	438.1	0.0003	-0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	0.0001	0	55.05	0.0001	0.0001
Ti3349	334.904	{1	Y_3600	ppm	-0.0003	0.0007	261.5	-0.0008	0.0002
Tl1908	190.856	{4	In2306	ppm	-0.0009	0.0015	169.3	-0.0019	0.0002
V_2924	292.402	{1	Y_3600	ppm	0.0006	0.0001	18.45	0.0005	0.0006
Zn2062	206.200	{4	In2306	ppm	0.0019	0.0001	5.869	0.002	0.0018

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	63.008	0.15112	0.23985	63.115	62.901
In2306	230.606	{4	Cts/S	10070	4.0575	0.04029	10073	10067
Y_2243	224.306	{4	Cts/S	12389	0.63845	0.00515	12388	12389
Y_3600	360.073	{ 9	Cts/S	47476	24.806	0.05225	47494	47459

Y_3710	371.030 { 9	Cts/S	8717.2	15.789	0.18113	8728.4	8706.1	

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:05:39
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0001	0.0002	251.2	-0.0001	0.0002
Al3082	308.215 {1	In2306	Cts/S	0.1816	0.0321	17.68	0.1589	0.2043
As1890	189.042 {4	Y_2243	Cts/S	0	0	222.4	0	0
B_2496	249.678 {1	Y_3710	Cts/S	0.0001	0.0003	444.3	-0.0002	0.0003
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0047	0.0009	18.38	0.0041	0.0053
Be3130	313.042 {1	Y_3710	Cts/S	0.0002	0.0001	33.48	0.0002	0.0003
Ca3158	315.887 {1	In2306	Cts/S	-0.0989	0.0088	8.931	-0.0927	-0.1052
Ca3181	318.128 {1	In2306	Cts/S	-0.0551	0.003	5.379	-0.053	-0.0572
Cd2288	228.802 {4	Y_2243	Cts/S	0.0005	0.0001	13	0.0006	0.0005
Co2286	228.616 {4	In2306	Cts/S	-0.0002	0	18.68	-0.0002	-0.0003
Cr2677	267.716 {1	Y_3600	Cts/S	0	0.0001	220.8	0.0001	0
Cu3247	324.754 {1	Y_3600	Cts/S	0.008	0.0001	1.215	0.0081	0.008
Fe2404	240.488 {1	In2306	Cts/S	0.0283	0.018	63.61	0.0156	0.041
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0021	0.001	48.08	-0.0028	-0.0014
K_7698	769.896 { 4	Y_3710	Cts/S	0.0353	0.0004	1.137	0.0356	0.035
Li6707	670.784 { 5	Y_3710	Cts/S	0.0007	0.0008	121.6	0.0001	0.0012
Mg2790	279.079 {1	Y_3710	Cts/S	0	0.0001	379.7	0	-0.0001
Mn2576	257.610 {1	Y_3600	Cts/S	0.0002	0.0001	29.72	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	Cts/S	0	0.0001	463	0	-0.0001
Mo2020	202.030 {4	Y_2243	Cts/S	0.0001	0	48.5	0.0001	0.0001
Na5895	589.592 { 5	Y_3710	Cts/S	0.0167	0.0007	4.21	0.0172	0.0162
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0058	0.0004	7.566	-0.0055	-0.0061
Ni2316	231.604 {4	In2306	Cts/S	0	0.0001	5460	0.0001	-0.0001
P_1782	178.284 {4	In2306	Cts/S	0.0002	0	1.985	0.0002	0.0002
Pb2203	220.353 {4	In2306	Cts/S	-0.0001	0.0001	82.19	-0.0002	0
S_1820	182.034 {4	Y_2243	Cts/S	-0.0002	0	15.28	-0.0002	-0.0002
Sb2068	206.833 {4	Y_2243	Cts/S	-0.0001	0	15.93	-0.0001	-0.0001
Se1960	196.090 {4	Y_2243	Cts/S	0	0.0001	223.8	0.0001	0
Si2516	251.611 {1	Y_3710	Cts/S	0.0004	0	1.856	0.0004	0.0004
Sn1899	189.989 {4	In2306	Cts/S	0.0002	0	9.318	0.0002	0.0002
Sr4215	421.552 { 8	Y_3710	Cts/S	0.0004	0.0003	84.53	0.0006	0.0001
Ti3349	334.904 {1	Y_3600	Cts/S	0	0.0001	143.6	0	-0.0001
Tl1908	190.856 {4	In2306	Cts/S	-0.0002	0.0001	40.65	-0.0001	-0.0002
V_2924	292.402 {1	Y_3600	Cts/S	-0.0017	0	1.584	-0.0017	-0.0017
Zn2062	206.200 {4	In2306	Cts/S	0.0013	0.0001	5.068	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.643	0.80812	1.311	61.071	62.214
In2306	230.606 {4	Cts/S	9998.6	29.104	0.29108	9978	10019
Y_2243	224.306 {4	Cts/S	12342	16.749	0.13571	12330	12353

Y_3600	360.073 { 9	Cts/S	46746	165.96	0.35502	46628	46863
Y_3710	371.030 { 9	Cts/S	8401.1	199.84	2.3787	8259.8	8542.4

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:08:17
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0094	0.0005	5.123	0.0097	0.0091
Al3082	308.215 {1	In2306	Cts/S	0.9363	0.0035	0.3751	0.9338	0.9387
As1890	189.042 {4	Y_2243	Cts/S	0.0066	0.0002	3.806	0.0067	0.0064
B_2496	249.678 {1	Y_3710	Cts/S	0.002	0	2.304	0.0021	0.002
Ba4554	455.403 { 7	Y_3710	Cts/S	0.4571	0.0022	0.4866	0.4555	0.4586
Be3130	313.042 {1	Y_3710	Cts/S	0.1327	0.0003	0.2496	0.133	0.1325
Ca3158	315.887 {1	In2306	Cts/S	1.857	0.022	1.182	1.841	1.872
Ca3181	318.128 {1	In2306	Cts/S	0.3702	0.0113	3.061	0.3783	0.3622
Cd2288	228.802 {4	Y_2243	Cts/S	0.0491	0.002	4.035	0.0505	0.0477
Co2286	228.616 {4	In2306	Cts/S	0.0777	0.0027	3.523	0.0797	0.0758
Cr2677	267.716 {1	Y_3600	Cts/S	0.0128	0.0006	4.447	0.0132	0.0124
Cu3247	324.754 {1	Y_3600	Cts/S	0.0399	0.0015	3.67	0.0409	0.0389
Fe2404	240.488 {1	In2306	Cts/S	1.314	0.023	1.747	1.331	1.298
K_7664	766.490 { 4	Y_3710	Cts/S	0.1684	0.0038	2.245	0.1657	0.1711
K_7698	769.896 { 4	Y_3710	Cts/S	0.0893	0.0003	0.3184	0.0891	0.0895
Li6707	670.784 { 5	Y_3710	Cts/S	0.6486	0.0103	1.582	0.6414	0.6559
Mg2790	279.079 {1	Y_3710	Cts/S	0.0034	0	0.1453	0.0034	0.0034
Mn2576	257.610 {1	Y_3600	Cts/S	0.0871	0.0042	4.862	0.0901	0.0841
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0141	0.0005	3.846	0.0145	0.0137
Mo2020	202.030 {4	Y_2243	Cts/S	0.0354	0.0015	4.271	0.0365	0.0343
Na5895	589.592 { 5	Y_3710	Cts/S	0.5367	0.0078	1.452	0.5312	0.5422
Na8183	818.326 { 4	Y_3710	Cts/S	0.0123	0.0003	2.712	0.0125	0.012
Ni2316	231.604 {4	In2306	Cts/S	0.0418	0.0017	4.008	0.043	0.0406
P_1782	178.284 {4	In2306	Cts/S	0.0059	0.0002	3.737	0.0061	0.0058
Pb2203	220.353 {4	In2306	Cts/S	0.0134	0.0006	4.177	0.0138	0.013
S_1820	182.034 {4	Y_2243	Cts/S	-0.0003	0	8.343	-0.0004	-0.0003
Sb2068	206.833 {4	Y_2243	Cts/S	0.0056	0.0002	4.002	0.0058	0.0055
Se1960	196.090 {4	Y_2243	Cts/S	0.0043	0.0001	2.901	0.0044	0.0042
Si2516	251.611 {1	Y_3710	Cts/S	0.0013	0.0001	9.199	0.0012	0.0013
Sn1899	189.989 {4	In2306	Cts/S	0.0194	0.0008	4.376	0.02	0.0188
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2636	0.0003	0.095	0.2634	0.2638
Ti3349	334.904 {1	Y_3600	Cts/S	0.0201	0.0009	4.363	0.0207	0.0194
Tl1908	190.856 {4	In2306	Cts/S	0.0061	0.0004	6.934	0.0064	0.0058
V_2924	292.402 {1	Y_3600	Cts/S	0.0173	0.0007	3.928	0.0178	0.0168
Zn2062	206.200 {4	In2306	Cts/S	0.0882	0.0037	4.218	0.0908	0.0855

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	65.805	0.61608	0.93623	66.241	65.369
In2306	230.606 {4	Cts/S	10076	99.74	0.98992	10005	10146

Y_2243	224.306 {4	Cts/S	12597	106.73	0.84728	12521	12672
Y_3600	360.073 { 9	Cts/S	47804	1872	3.916	46481	49128
Y_3710	371.030 { 9	Cts/S	8916.9	28.786	0.32282	8937.3	8896.6

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CalibStd-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:10:48
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0189	0.0001	0.5773	0.019	0.0188
Al3082	308.215 {1	In2306	Cts/S	1.763	0.0485	2.751	1.729	1.797
As1890	189.042 {4	Y_2243	Cts/S	0.0138	0	0.0585	0.0138	0.0138
B_2496	249.678 {1	Y_3710	Cts/S	0.0043	0.0004	9.525	0.004	0.0046
Ba4554	455.403 { 7	Y_3710	Cts/S	0.919	0.0043	0.4722	0.9221	0.916
Be3130	313.042 {1	Y_3710	Cts/S	0.2676	0.0008	0.2887	0.2681	0.267
Ca3158	315.887 {1	In2306	Cts/S	3.861	0.1704	4.412	3.741	3.982
Ca3181	318.128 {1	In2306	Cts/S	0.865	0.0182	2.11	0.8779	0.8521
Cd2288	228.802 {4	Y_2243	Cts/S	0.1013	0.0003	0.2681	0.1012	0.1015
Co2286	228.616 {4	In2306	Cts/S	0.162	0.0001	0.0636	0.1621	0.1619
Cr2677	267.716 {1	Y_3600	Cts/S	0.0254	0	0.0318	0.0254	0.0254
Cu3247	324.754 {1	Y_3600	Cts/S	0.0721	0.0003	0.4673	0.0719	0.0723
Fe2404	240.488 {1	In2306	Cts/S	2.657	0.0744	2.8	2.604	2.709
K_7664	766.490 { 4	Y_3710	Cts/S	0.3502	0.0137	3.905	0.3599	0.3405
K_7698	769.896 { 4	Y_3710	Cts/S	0.165	0.0048	2.933	0.1684	0.1615
Li6707	670.784 { 5	Y_3710	Cts/S	1.37	0.0621	4.532	1.414	1.327
Mg2790	279.079 {1	Y_3710	Cts/S	0.0069	0.0001	1.79	0.007	0.0068
Mn2576	257.610 {1	Y_3600	Cts/S	0.1744	0.001	0.5512	0.1751	0.1737
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0286	0	0.1663	0.0286	0.0287
Mo2020	202.030 {4	Y_2243	Cts/S	0.0734	0.0001	0.1157	0.0735	0.0733
Na5895	589.592 { 5	Y_3710	Cts/S	1.101	0.0473	4.296	1.135	1.068
Na8183	818.326 { 4	Y_3710	Cts/S	0.0332	0.0003	1.049	0.033	0.0335
Ni2316	231.604 {4	In2306	Cts/S	0.087	0.0005	0.6218	0.0873	0.0866
P_1782	178.284 {4	In2306	Cts/S	0.0123	0.0001	0.4169	0.0123	0.0122
Pb2203	220.353 {4	In2306	Cts/S	0.0278	0	0.1306	0.0278	0.0278
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	2.749	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0118	0.0001	0.9908	0.0117	0.0119
Se1960	196.090 {4	Y_2243	Cts/S	0.0089	0	0.2797	0.0089	0.0089
Si2516	251.611 {1	Y_3710	Cts/S	0.0021	0.0001	4.599	0.0022	0.0021
Sn1899	189.989 {4	In2306	Cts/S	0.041	0.0001	0.2194	0.041	0.0409
Sr4215	421.552 { 8	Y_3710	Cts/S	0.5334	0.0022	0.411	0.5349	0.5318
Ti3349	334.904 {1	Y_3600	Cts/S	0.0401	0.0003	0.6373	0.0403	0.0399
Tl1908	190.856 {4	In2306	Cts/S	0.0136	0.0002	1.208	0.0137	0.0135
V_2924	292.402 {1	Y_3600	Cts/S	0.0359	0.0001	0.1419	0.036	0.0359
Zn2062	206.200 {4	In2306	Cts/S	0.1832	0.001	0.5188	0.1839	0.1825

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.865	0.88185	1.4028	63.489	62.242

In2306	230.606 {4	Cts/S	9819.9	16.796	0.17104	9831.7	9808
Y_2243	224.306 {4	Cts/S	12399	39.057	0.31499	12427	12372
Y_3600	360.073 { 9	Cts/S	47836	67.503	0.14111	47788	47884
Y_3710	371.030 { 9	Cts/S	8774.6	53.921	0.61451	8736.5	8812.7

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=CalibStd-3
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:13:17
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0381	0	0.1252	0.038	0.0381
Al3082	308.215 {1	In2306	Cts/S	3.258	0.1153	3.539	3.177	3.34
As1890	189.042 {4	Y_2243	Cts/S	0.0277	0.0002	0.731	0.0278	0.0275
B_2496	249.678 {1	Y_3710	Cts/S	0.0086	0	0.1286	0.0086	0.0086
Ba4554	455.403 { 7	Y_3710	Cts/S	1.833	0.0007	0.0408	1.832	1.833
Be3130	313.042 {1	Y_3710	Cts/S	0.5439	0.0008	0.1401	0.5444	0.5434
Ca3158	315.887 {1	In2306	Cts/S	7.742	0.1392	1.798	7.644	7.841
Ca3181	318.128 {1	In2306	Cts/S	1.707	0.0012	0.0714	1.706	1.707
Cd2288	228.802 {4	Y_2243	Cts/S	0.2023	0.0004	0.1853	0.2021	0.2026
Co2286	228.616 {4	In2306	Cts/S	0.3262	0.0001	0.0171	0.3262	0.3261
Cr2677	267.716 {1	Y_3600	Cts/S	0.0512	0	0.0595	0.0512	0.0513
Cu3247	324.754 {1	Y_3600	Cts/S	0.138	0.0001	0.0852	0.1379	0.1381
Fe2404	240.488 {1	In2306	Cts/S	5.161	0.1179	2.285	5.078	5.244
K_7664	766.490 { 4	Y_3710	Cts/S	0.7036	0.0124	1.766	0.6948	0.7124
K_7698	769.896 { 4	Y_3710	Cts/S	0.3109	0.0056	1.808	0.3069	0.3149
Li6707	670.784 { 5	Y_3710	Cts/S	2.731	0.0603	2.207	2.689	2.774
Mg2790	279.079 {1	Y_3710	Cts/S	0.0134	0	0.0025	0.0134	0.0134
Mn2576	257.610 {1	Y_3600	Cts/S	0.3455	0.0015	0.4294	0.3466	0.3445
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0573	0.0002	0.385	0.0575	0.0572
Mo2020	202.030 {4	Y_2243	Cts/S	0.1457	0.0001	0.0897	0.1458	0.1456
Na5895	589.592 { 5	Y_3710	Cts/S	2.181	0.0439	2.012	2.15	2.212
Na8183	818.326 { 4	Y_3710	Cts/S	0.068	0.0001	0.1702	0.0679	0.0681
Ni2316	231.604 {4	In2306	Cts/S	0.1746	0.0003	0.1501	0.1748	0.1744
P_1782	178.284 {4	In2306	Cts/S	0.025	0.0001	0.2948	0.0251	0.025
Pb2203	220.353 {4	In2306	Cts/S	0.0558	0.0002	0.3532	0.0559	0.0557
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	2.98	-0.0004	-0.0004
Sb2068	206.833 {4	Y_2243	Cts/S	0.0239	0.0001	0.3856	0.0238	0.0239
Se1960	196.090 {4	Y_2243	Cts/S	0.0179	0	0.2048	0.0178	0.0179
Si2516	251.611 {1	Y_3710	Cts/S	0.0043	0.0001	3.461	0.0041	0.0044
Sn1899	189.989 {4	In2306	Cts/S	0.0822	0	0.0265	0.0822	0.0822
Sr4215	421.552 { 8	Y_3710	Cts/S	1.07	0.0039	0.3617	1.067	1.072
Ti3349	334.904 {1	Y_3600	Cts/S	0.081	0	0.0262	0.0811	0.081
Tl1908	190.856 {4	In2306	Cts/S	0.0278	0.0003	1.139	0.0281	0.0276
V_2924	292.402 {1	Y_3600	Cts/S	0.0749	0.0002	0.2037	0.075	0.0747
Zn2062	206.200 {4	In2306	Cts/S	0.3705	0.0016	0.4449	0.3717	0.3693

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	64.249	1.5521	2.4158	65.346	63.151
In2306	230.606 {4	Cts/S	9647	41.93	0.43465	9676.6	9617.3
Y_2243	224.306 {4	Cts/S	12399	66.561	0.53683	12446	12352
Y_3600	360.073 { 9	Cts/S	48009	47.588	0.09912	47975	48043
Y_3710	371.030 { 9	Cts/S	8669.3	11.126	0.12834	8677.2	8661.5

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:15:44
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0768	0	0.0496	0.0768	0.0767
Al3082	308.215 {1	In2306	Cts/S	6.584	0.0489	0.743	6.549	6.619
As1890	189.042 {4	Y_2243	Cts/S	0.0556	0.0001	0.1246	0.0555	0.0556
B_2496	249.678 {1	Y_3710	Cts/S	0.017	0.0002	1.058	0.0169	0.0171
Ba4554	455.403 { 7	Y_3710	Cts/S	3.723	0.0104	0.2798	3.716	3.73
Be3130	313.042 {1	Y_3710	Cts/S	1.095	0.0009	0.0835	1.094	1.095
Ca3158	315.887 {1	In2306	Cts/S	16.33	0.0324	0.1985	16.3	16.35
Ca3181	318.128 {1	In2306	Cts/S	3.611	0.0023	0.063	3.613	3.61
Cd2288	228.802 {4	Y_2243	Cts/S	0.4025	0.0004	0.0976	0.4027	0.4022
Co2286	228.616 {4	In2306	Cts/S	0.6606	0.0018	0.2794	0.6619	0.6593
Cr2677	267.716 {1	Y_3600	Cts/S	0.1032	0.0001	0.0667	0.1033	0.1032
Cu3247	324.754 {1	Y_3600	Cts/S	0.2741	0.0004	0.148	0.2744	0.2739
Fe2404	240.488 {1	In2306	Cts/S	10.62	0.0186	0.1754	10.61	10.64
K_7664	766.490 { 4	Y_3710	Cts/S	1.423	0.0232	1.632	1.407	1.44
K_7698	769.896 { 4	Y_3710	Cts/S	0.6084	0.0071	1.166	0.6034	0.6134
Li6707	670.784 { 5	Y_3710	Cts/S	5.573	0.0913	1.638	5.509	5.638
Mg2790	279.079 {1	Y_3710	Cts/S	0.0277	0.0002	0.6589	0.0276	0.0278
Mn2576	257.610 {1	Y_3600	Cts/S	0.6947	0.0016	0.2298	0.6958	0.6936
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1146	0.0003	0.2541	0.1144	0.1149
Mo2020	202.030 {4	Y_2243	Cts/S	0.2873	0.0002	0.0763	0.2875	0.2872
Na5895	589.592 { 5	Y_3710	Cts/S	4.396	0.0597	1.358	4.354	4.439
Na8183	818.326 { 4	Y_3710	Cts/S	0.1477	0.0001	0.0545	0.1477	0.1478
Ni2316	231.604 {4	In2306	Cts/S	0.3522	0.0005	0.1323	0.3525	0.3518
P_1782	178.284 {4	In2306	Cts/S	0.0513	0.0002	0.3592	0.0511	0.0514
Pb2203	220.353 {4	In2306	Cts/S	0.113	0.0001	0.1031	0.1131	0.1129
S_1820	182.034 {4	Y_2243	Cts/S	-0.0004	0	5.119	-0.0004	-0.0005
Sb2068	206.833 {4	Y_2243	Cts/S	0.0479	0.0001	0.1476	0.0479	0.0478
Se1960	196.090 {4	Y_2243	Cts/S	0.0357	0.0001	0.23	0.0358	0.0357
Si2516	251.611 {1	Y_3710	Cts/S	0.0086	0.0003	3.55	0.0084	0.0089
Sn1899	189.989 {4	In2306	Cts/S	0.1674	0.0007	0.4036	0.1679	0.167
Sr4215	421.552 { 8	Y_3710	Cts/S	2.151	0.007	0.3276	2.146	2.156
Ti3349	334.904 {1	Y_3600	Cts/S	0.1648	0.0002	0.1492	0.165	0.1646
Tl1908	190.856 {4	In2306	Cts/S	0.0564	0.0005	0.9717	0.0568	0.056
V_2924	292.402 {1	Y_3600	Cts/S	0.1532	0.0006	0.3721	0.1528	0.1536
Zn2062	206.200 {4	In2306	Cts/S	0.755	0.0034	0.4495	0.7574	0.7526

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.511	0.42824	0.69621	61.813	61.208
In2306	230.606 {4	Cts/S	9401.5	1.7123	0.01821	9400.2	9402.7
Y_2243	224.306 {4	Cts/S	12386	32.591	0.26314	12409	12363
Y_3600	360.073 { 9	Cts/S	47863	184.56	0.38561	47732	47993
Y_3710	371.030 { 9	Cts/S	8608.4	17.315	0.20115	8620.7	8596.2

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:18:07
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1543	0.0005	0.3306	0.1547	0.154
Al3082	308.215 {1	In2306	Cts/S	12.6	0.4178	3.317	12.3	12.89
As1890	189.042 {4	Y_2243	Cts/S	0.1119	0.0001	0.0596	0.1119	0.1118
B_2496	249.678 {1	Y_3710	Cts/S	0.0344	0.0002	0.4817	0.0342	0.0345
Ba4554	455.403 { 7	Y_3710	Cts/S	7.452	0.0159	0.213	7.441	7.463
Be3130	313.042 {1	Y_3710	Cts/S	2.181	0.0025	0.1156	2.183	2.179
Ca3158	315.887 {1	In2306	Cts/S	31.57	0.8041	2.547	31	32.14
Ca3181	318.128 {1	In2306	Cts/S	6.913	0.1688	2.442	6.793	7.032
Cd2288	228.802 {4	Y_2243	Cts/S	0.8044	0.0006	0.0737	0.8048	0.804
Co2286	228.616 {4	In2306	Cts/S	1.327	0.0022	0.1682	1.328	1.325
Cr2677	267.716 {1	Y_3600	Cts/S	0.2024	0.0007	0.325	0.2029	0.202
Cu3247	324.754 {1	Y_3600	Cts/S	0.5489	0.001	0.1876	0.5497	0.5482
Fe2404	240.488 {1	In2306	Cts/S	20.57	0.5876	2.857	20.16	20.99
K_7664	766.490 { 4	Y_3710	Cts/S	2.766	0.0051	0.1829	2.762	2.769
K_7698	769.896 { 4	Y_3710	Cts/S	1.176	0.0033	0.2772	1.174	1.178
Li6707	670.784 { 5	Y_3710	Cts/S	10.95	0.0359	0.3274	10.93	10.98
Mg2790	279.079 {1	Y_3710	Cts/S	0.0554	0.0004	0.7293	0.0557	0.0551
Mn2576	257.610 {1	Y_3600	Cts/S	1.369	0.0029	0.2115	1.371	1.366
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.2286	0.0011	0.4967	0.2294	0.2278
Mo2020	202.030 {4	Y_2243	Cts/S	0.5686	0.0009	0.1516	0.5692	0.568
Na5895	589.592 { 5	Y_3710	Cts/S	8.571	0.0262	0.3062	8.552	8.589
Na8183	818.326 { 4	Y_3710	Cts/S	0.295	0.0017	0.5855	0.2938	0.2962
Ni2316	231.604 {4	In2306	Cts/S	0.7058	0.0013	0.1779	0.7067	0.7049
P_1782	178.284 {4	In2306	Cts/S	0.1053	0.0001	0.1315	0.1054	0.1052
Pb2203	220.353 {4	In2306	Cts/S	0.2251	0.0005	0.2251	0.2255	0.2247
Sb2068	206.833 {4	Y_2243	Cts/S	0.0965	0	0.0493	0.0965	0.0965
Se1960	196.090 {4	Y_2243	Cts/S	0.072	0	0.0574	0.072	0.0719
Si2516	251.611 {1	Y_3710	Cts/S	0.0176	0.0004	2.099	0.0173	0.0179
Sn1899	189.989 {4	In2306	Cts/S	0.3356	0.0005	0.1582	0.3359	0.3352
Sr4215	421.552 { 8	Y_3710	Cts/S	4.287	0	0.0011	4.287	4.287
Ti3349	334.904 {1	Y_3600	Cts/S	0.3267	0.0011	0.3444	0.3275	0.3259
Tl1908	190.856 {4	In2306	Cts/S	0.1121	0.0011	0.9862	0.1129	0.1114
V_2924	292.402 {1	Y_3600	Cts/S	0.3044	0.0005	0.1712	0.3047	0.304
Zn2062	206.200 {4	In2306	Cts/S	1.517	0.0047	0.3095	1.521	1.514

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.26	2.0948	3.3113	64.741	61.779
In2306	230.606 {4	Cts/S	9016.8	2.2153	0.02457	9018.3	9015.2
Y_2243	224.306 {4	Cts/S	12125	9.7085	0.08007	12132	12118
Y_3600	360.073 { 9	Cts/S	48185	90.6	0.18802	48121	48249
Y_3710	371.030 { 9	Cts/S	8555.8	4.1696	0.04873	8552.8	8558.7

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Custom ID3=
Run Time=1/25/2012 8:20:31
Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2408	0.0004	0.1665	0.2411	0.2405
Al3082	308.215 {1	In2306	ppm	2.414	0.0597	2.475	2.372	2.456
As1890	189.042 {4	Y_2243	ppm	0.4856	0.0015	0.3135	0.4867	0.4846
B_2496	249.678 {1	Y_3710	ppm	0.5015	0.0026	0.5279	0.4997	0.5034
Ba4554	455.403 { 7	Y_3710	ppm	0.4815	0.0025	0.5278	0.4797	0.4833
Be3130	313.042 {1	Y_3710	ppm	0.4936	0.0006	0.1287	0.4932	0.4941
Ca3158	315.887 {1	In2306	ppm	12.03	0.0397	0.3301	12.06	12
Ca3181	318.128 {1	In2306	ppm	12.02	0.0089	0.0741	12.01	12.03
Cd2288	228.802 {4	Y_2243	ppm	0.4883	0.0003	0.065	0.4881	0.4885
Co2286	228.616 {4	In2306	ppm	0.4914	0.0005	0.1011	0.4911	0.4918
Cr2677	267.716 {1	Y_3600	ppm	0.483	0.0021	0.4327	0.4845	0.4815
Cu3247	324.754 {1	Y_3600	ppm	0.4828	0.0012	0.2563	0.4836	0.4819
Fe2404	240.488 {1	In2306	ppm	2.432	0.0407	1.671	2.403	2.461
K_7664	766.490 { 4	Y_3710	ppm	12.54	0.503	4.01	12.19	12.9
K_7698	769.896 { 4	Y_3710	ppm	12.67	0.5447	4.3	12.28	13.05
Li6707	670.784 { 5	Y_3710	ppm	0.5003	0.022	4.4	0.4847	0.5158
Mg2790	279.079 {1	Y_3710	ppm	4.823	0.0306	0.6334	4.845	4.802
Mn2576	257.610 {1	Y_3600	ppm	0.4801	0.0006	0.1342	0.4805	0.4796
Mn2576-2	257.610 {1	Y_3710	ppm	0.4785	0.0039	0.8155	0.4812	0.4757
Mo2020	202.030 {4	Y_2243	ppm	0.4991	0.0004	0.0754	0.4989	0.4994
Na5895	589.592 { 5	Y_3710	ppm	12.53	0.5603	4.472	12.13	12.93
Na8183	818.326 { 4	Y_3710	ppm	12.27	0.2991	2.438	12.06	12.48
Ni2316	231.604 {4	In2306	ppm	0.4834	0.0005	0.1053	0.4831	0.4838
P_1782	178.284 {4	In2306	ppm	0.0007	0.0005	66.18	0.0004	0.0011
Pb2203	220.353 {4	In2306	ppm	0.4843	0.0012	0.2502	0.4851	0.4834
S_1820	182.034 {4	Y_2243	ppm	-42.91	0.2039	0.4753	-43.05	-42.76
Sb2068	206.833 {4	Y_2243	ppm	0.491	0.0023	0.4593	0.4894	0.4926
Se1960	196.090 {4	Y_2243	ppm	0.4902	0.0017	0.3397	0.4914	0.489
Si2516	251.611 {1	Y_3710	ppm	0.8283	0.0267	3.22	0.8094	0.8471
Sn1899	189.989 {4	In2306	ppm	0.5006	0.0013	0.2664	0.4997	0.5016
Sr4215	421.552 { 8	Y_3710	ppm	0.2471	0.0014	0.5603	0.2461	0.2481
Ti3349	334.904 {1	Y_3600	ppm	0.4926	0.0017	0.3418	0.4937	0.4914
Tl1908	190.856 {4	In2306	ppm	0.4993	0.0032	0.6356	0.5016	0.4971
V_2924	292.402 {1	Y_3600	ppm	0.4906	0.0011	0.2333	0.4914	0.4898
Zn2062	206.200 {4	In2306	ppm	0.486	0.0006	0.1287	0.4865	0.4856

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.418	1.0969	1.7296	64.194	62.643
In2306	230.606 {4	Cts/S	9469.9	31.567	0.33334	9492.2	9447.6
Y_2243	224.306 {4	Cts/S	12347	36.971	0.29944	12373	12321
Y_3600	360.073 { 9	Cts/S	48295	325.65	0.6743	48065	48525
Y_3710	371.030 { 9	Cts/S	8641.8	51.746	0.59879	8678.4	8605.2

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0054	0.0009	16.17	0.0048	0.006
Al3082	308.215 {1	In2306	ppm	0.0336	0.0028	8.453	0.0356	0.0316
As1890	189.042 {4	Y_2243	ppm	0.0086	0.001	11.03	0.008	0.0093
B_2496	249.678 {1	Y_3710	ppm	0.02	0.0071	35.55	0.0251	0.015
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0003	3.127	0.01	0.0096
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.1048	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0856	0.0016	1.896	0.0867	0.0844
Ca3181	318.128 {1	In2306	ppm	0.1628	0.0232	14.27	0.1464	0.1792
Cd2288	228.802 {4	Y_2243	ppm	0.0052	0.0006	11.28	0.0048	0.0057
Co2286	228.616 {4	In2306	ppm	0.0101	0.0007	7.23	0.0096	0.0107
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0002	2.33	0.0096	0.0099
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0001	1.05	0.0085	0.0086
Fe2404	240.488 {1	In2306	ppm	0.0879	0.0186	21.2	0.1011	0.0747
K_7664	766.490 { 4	Y_3710	ppm	0.611	0.0201	3.283	0.6252	0.5968
K_7698	769.896 { 4	Y_3710	ppm	0.3493	0.0019	0.5336	0.3507	0.348
Li6707	670.784 { 5	Y_3710	ppm	0.01	0.0002	1.6	0.0101	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.1402	0.0241	17.15	0.1572	0.1232
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0	0.1548	0.0101	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0105	0.0002	2.215	0.0103	0.0107
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.001	8.556	0.011	0.0124
Na5895	589.592 { 5	Y_3710	ppm	0.6328	0.0004	0.0564	0.6331	0.6326
Na8183	818.326 { 4	Y_3710	ppm	0.8201	0.0282	3.433	0.8002	0.84
Ni2316	231.604 {4	In2306	ppm	0.01	0.0002	1.701	0.0099	0.0101
P_1782	178.284 {4	In2306	ppm	0.0096	0.0005	5.079	0.0093	0.0099
Pb2203	220.353 {4	In2306	ppm	0.0096	0.0004	3.832	0.0093	0.0099
S_1820	182.034 {4	Y_2243	ppm	0.4397	0.0764	17.37	0.3857	0.4937
Sb2068	206.833 {4	Y_2243	ppm	0.019	0	0.0528	0.019	0.019
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0007	7.628	0.0091	0.0102
Si2516	251.611 {1	Y_3710	ppm	-0.0204	0.0112	54.94	-0.0125	-0.0283
Sn1899	189.989 {4	In2306	ppm	0.0099	0.0005	5.301	0.0095	0.0102
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0	0.4509	0.0049	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0	0.2011	0.0109	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0144	0.0017	11.84	0.0132	0.0156
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0001	0.7426	0.0096	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0087	0.0006	6.579	0.0083	0.0091

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.729	0.31747	0.49046	64.505	64.954
In2306	230.606 {4	Cts/S	10077	9.4564	0.09385	10070	10083
Y_2243	224.306 {4	Cts/S	12589	28.166	0.22375	12569	12608
Y_3600	360.073 { 9	Cts/S	47074	224.04	0.47592	47233	46916
Y_3710	371.030 { 9	Cts/S	8761.7	13.12	0.14974	8752.4	8771

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0007	128.5	0.001	0
Al3082	308.215 {1	In2306	ppm	-0.0275	0.0503	183.1	0.0081	-0.0631
As1890	189.042 {4	Y_2243	ppm	0.0006	0	5.262	0.0006	0.0006
B_2496	249.678 {1	Y_3710	ppm	-0.0126	0.0002	1.794	-0.0128	-0.0124
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	33370	-0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	17.49	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0148	0.0126	84.98	-0.0059	-0.0237
Ca3181	318.128 {1	In2306	ppm	0.1315	0.1071	81.45	0.0558	0.2072
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	6751	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0	9.98	0.0001	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0005	87.26	-0.0002	-0.0008
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0	3.607	-0.0014	-0.0013
Fe2404	240.488 {1	In2306	ppm	-0.0104	0.0102	98.1	-0.0176	-0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.004	0.0054	136.7	0.0001	0.0078
K_7698	769.896 { 4	Y_3710	ppm	0.0039	0.0131	339.7	-0.0054	0.0131
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0002	48.84	0.0004	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0189	0.066	349	0.0656	-0.0278
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	18.8	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0005	67.91	0.001	0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0001	14.92	0.0004	0.0005
Na5895	589.592 { 5	Y_3710	ppm	-0.0004	0.0056	1330	0.0036	-0.0044
Na8183	818.326 { 4	Y_3710	ppm	0.1429	0.0275	19.27	0.1234	0.1623
Ni2316	231.604 {4	In2306	ppm	0.0003	0	1.637	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0003	45.81	-0.0009	-0.0004
Pb2203	220.353 {4	In2306	ppm	0.0001	0	40.74	0.0001	0.0001
S_1820	182.034 {4	Y_2243	ppm	0.1259	0.0048	3.852	0.1293	0.1225
Sb2068	206.833 {4	Y_2243	ppm	0.0062	0.0001	1.435	0.0062	0.0061
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0011	148.4	0.0016	0
Si2516	251.611 {1	Y_3710	ppm	-0.0213	0.0178	83.41	-0.0339	-0.0087
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0004	590.9	-0.0004	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0	97.84	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	276.7	-0.0004	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0005	0	7.64	0.0005	0.0005
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0003	56.61	-0.0008	-0.0003

Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	101.8	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.605	2.4398	3.7765	66.33	62.879
In2306	230.606 {4	Cts/S	10060	8.8197	0.08767	10054	10066
Y_2243	224.306 {4	Cts/S	12539	21.434	0.17094	12523	12554
Y_3600	360.073 { 9	Cts/S	46334	16.882	0.03644	46323	46346
Y_3710	371.030 { 9	Cts/S	8545	39.434	0.46149	8517.1	8572.8

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0009	219.4	0.0002	-0.001
Al3082	308.215 {1	In2306	ppm	532.7	27.83	5.224	552.4	513
As1890	189.042 {4	Y_2243	ppm	0.0042	0.0013	31.94	0.0051	0.0032
B_2496	249.678 {1	Y_3710	ppm	-0.0061	0.0103	168.4	-0.0134	0.0012
Ba4554	455.403 { 7	Y_3710	ppm	0.0006	0	5.543	0.0006	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	155.5	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	517.2	23.4	4.523	533.8	500.7
Ca3181	318.128 {1	In2306	ppm	522.7	23.88	4.568	539.6	505.8
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	37.28	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	34.33	0.0006	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0022	0.0002	9.81	0.0024	0.0021
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0.0002	10.36	0.0026	0.0022
Fe2404	240.488 {1	In2306	ppm	202.2	9.31	4.603	208.8	195.7
K_7664	766.490 { 4	Y_3710	ppm	0.0188	0.0004	2.336	0.0185	0.0191
K_7698	769.896 { 4	Y_3710	ppm	-0.2856	0.0219	7.658	-0.2701	-0.3011
Li6707	670.784 { 5	Y_3710	ppm	0.0072	0	0.4285	0.0072	0.0072
Mg2790	279.079 {1	Y_3710	ppm	586.1	1.649	0.2813	585	587.3
Mn2576	257.610 {1	Y_3600	ppm	-0.0053	0.0003	5.976	-0.0051	-0.0056
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0051	0	0.7956	-0.0051	-0.0051
Mo2020	202.030 {4	Y_2243	ppm	-0.0009	0.0002	23.93	-0.0011	-0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.0078	0.0001	0.6934	0.0078	0.0078
Na8183	818.326 { 4	Y_3710	ppm	0.9267	0.0561	6.058	0.9664	0.887
Ni2316	231.604 {4	In2306	ppm	0.0055	0.0003	4.575	0.0057	0.0054
P_1782	178.284 {4	In2306	ppm	0.003	0.0005	16.6	0.0034	0.0027
Pb2203	220.353 {4	In2306	ppm	-0.0141	0.0012	8.4	-0.0149	-0.0132
S_1820	182.034 {4	Y_2243	ppm	8.068	0.2631	3.261	8.254	7.882
Sb2068	206.833 {4	Y_2243	ppm	-0.0082	0.0001	1.207	-0.0083	-0.0081
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0007	34.43	0.0016	0.0027
Si2516	251.611 {1	Y_3710	ppm	-0.0228	0.0098	42.85	-0.0159	-0.0298
Sn1899	189.989 {4	In2306	ppm	0.001	0.0019	186.3	0.0023	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0022	0	1.558	0.0022	0.0021
Ti3349	334.904 {1	Y_3600	ppm	0.0033	0.0011	33.4	0.0041	0.0025
Tl1908	190.856 {4	In2306	ppm	-0.0085	0.0027	31.26	-0.0066	-0.0104

V_2924	292.402 {1	Y_3600	ppm	-0.0056	0	0.815	-0.0057	-0.0056
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0001	2.788	0.0031	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.045	2.8093	4.8398	56.058	60.031
In2306	230.606 {4	Cts/S	7206	19.693	0.27328	7219.9	7192.1
Y_2243	224.306 {4	Cts/S	10959	36.549	0.33349	10985	10934
Y_3600	360.073 { 9	Cts/S	46756	43.483	0.093	46726	46787
Y_3710	371.030 { 9	Cts/S	7500.8	1.588	0.02117	7499.7	7501.9

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Run Time=1/25/2012 8:30:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5553	0.0028	0.498	0.5534	0.5573
Al3082	308.215 {1	In2306	ppm	564.5	13.17	2.334	573.8	555.2
As1890	189.042 {4	Y_2243	ppm	0.9922	0.0045	0.4511	0.9954	0.9891
B_2496	249.678 {1	Y_3710	ppm	1.137	0.0112	0.9824	1.145	1.129
Ba4554	455.403 { 7	Y_3710	ppm	1.102	0.0079	0.7184	1.108	1.096
Be3130	313.042 {1	Y_3710	ppm	0.5382	0.0019	0.3511	0.5395	0.5369
Ca3158	315.887 {1	In2306	ppm	536.5	3.535	0.6588	539	534
Ca3181	318.128 {1	In2306	ppm	543.3	2.739	0.5042	545.2	541.3
Cd2288	228.802 {4	Y_2243	ppm	0.5127	0.0008	0.1566	0.5132	0.5121
Co2286	228.616 {4	In2306	ppm	0.9918	0.003	0.3037	0.9939	0.9897
Cr2677	267.716 {1	Y_3600	ppm	0.9712	0.0055	0.5619	0.9673	0.975
Cu3247	324.754 {1	Y_3600	ppm	1.188	0.0067	0.5612	1.193	1.184
Fe2404	240.488 {1	In2306	ppm	215.5	2.137	0.9916	217	214
K_7664	766.490 { 4	Y_3710	ppm	11.4	0.4206	3.691	11.69	11.1
K_7698	769.896 { 4	Y_3710	ppm	11.48	0.4159	3.623	11.77	11.19
Li6707	670.784 { 5	Y_3710	ppm	1.117	0.0479	4.283	1.151	1.084
Mg2790	279.079 {1	Y_3710	ppm	601.4	1.426	0.2371	602.4	600.4
Mn2576	257.610 {1	Y_3600	ppm	0.9679	0.0023	0.2377	0.9663	0.9695
Mn2576-2	257.610 {1	Y_3710	ppm	1.064	0	0.0038	1.064	1.064
Mo2020	202.030 {4	Y_2243	ppm	0.8985	0.0059	0.6522	0.9026	0.8944
Na5895	589.592 { 5	Y_3710	ppm	11.07	0.4132	3.731	11.37	10.78
Na8183	818.326 { 4	Y_3710	ppm	12.31	0.1946	1.581	12.45	12.17
Ni2316	231.604 {4	In2306	ppm	0.9739	0.0044	0.4513	0.977	0.9708
P_1782	178.284 {4	In2306	ppm	1.135	0.0035	0.3111	1.138	1.133
Pb2203	220.353 {4	In2306	ppm	0.939	0.0035	0.3772	0.9415	0.9365
S_1820	182.034 {4	Y_2243	ppm	8.506	0.1149	1.35	8.587	8.425
Sb2068	206.833 {4	Y_2243	ppm	0.9621	0.0064	0.6673	0.9667	0.9576
Se1960	196.090 {4	Y_2243	ppm	0.9837	0.0068	0.6918	0.9885	0.9789
Si2516	251.611 {1	Y_3710	ppm	1.006	0.0062	0.6125	1.001	1.01
Sn1899	189.989 {4	In2306	ppm	0.9902	0.0014	0.1453	0.9912	0.9892
Sr4215	421.552 { 8	Y_3710	ppm	0.5468	0.0048	0.8835	0.5502	0.5433
Ti3349	334.904 {1	Y_3600	ppm	1.022	0.0031	0.3044	1.02	1.024

Tl1908	190.856 {4	In2306	ppm	0.9213	0.0089	0.9652	0.9276	0.9151
V_2924	292.402 {1	Y_3600	ppm	1.002	0.0037	0.3665	0.9997	1.005
Zn2062	206.200 {4	In2306	ppm	1.007	0.0039	0.3908	1.01	1.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.157	1.0566	1.9157	54.41	55.904
In2306	230.606 {4	Cts/S	7085.3	1.6002	0.02259	7086.4	7084.2
Y_2243	224.306 {4	Cts/S	10862	2.0216	0.01861	10863	10860
Y_3600	360.073 { 9	Cts/S	46303	28.617	0.06181	46323	46283
Y_3710	371.030 { 9	Cts/S	7239.8	64.615	0.89249	7194.1	7285.5

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:33:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2409	0.0013	0.5364	0.2418	0.24
Al3082	308.215 {1	In2306	ppm	2.392	0.0088	0.3669	2.386	2.399
As1890	189.042 {4	Y_2243	ppm	0.4839	0.0011	0.2318	0.4831	0.4847
B_2496	249.678 {1	Y_3710	ppm	0.481	0.005	1.046	0.4845	0.4774
Ba4554	455.403 { 7	Y_3710	ppm	0.4815	0.0004	0.0734	0.4818	0.4813
Be3130	313.042 {1	Y_3710	ppm	0.4944	0.0007	0.1425	0.4939	0.4949
Ca3158	315.887 {1	In2306	ppm	11.82	0.0227	0.1918	11.83	11.8
Ca3181	318.128 {1	In2306	ppm	11.91	0.1149	0.9643	12	11.83
Cd2288	228.802 {4	Y_2243	ppm	0.488	0.0006	0.114	0.4884	0.4876
Co2286	228.616 {4	In2306	ppm	0.489	0.001	0.209	0.4883	0.4897
Cr2677	267.716 {1	Y_3600	ppm	0.4929	0.0003	0.0632	0.4927	0.4931
Cu3247	324.754 {1	Y_3600	ppm	0.4869	0.0001	0.0265	0.4868	0.487
Fe2404	240.488 {1	In2306	ppm	2.348	0.0147	0.627	2.358	2.338
K_7664	766.490 { 4	Y_3710	ppm	12.71	0.0419	0.3299	12.74	12.68
K_7698	769.896 { 4	Y_3710	ppm	12.85	0.0932	0.7251	12.91	12.78
Li6707	670.784 { 5	Y_3710	ppm	0.5011	0.0052	1.028	0.5047	0.4974
Mg2790	279.079 {1	Y_3710	ppm	4.857	0.0321	0.6617	4.834	4.88
Mn2576	257.610 {1	Y_3600	ppm	0.4817	0.0019	0.3998	0.4831	0.4804
Mn2576-2	257.610 {1	Y_3710	ppm	0.4704	0.002	0.4246	0.469	0.4718
Mo2020	202.030 {4	Y_2243	ppm	0.4957	0.0022	0.4425	0.4941	0.4972
Na5895	589.592 { 5	Y_3710	ppm	12.57	0.0841	0.6691	12.63	12.51
Na8183	818.326 { 4	Y_3710	ppm	12.41	0.0424	0.3415	12.44	12.38
Ni2316	231.604 {4	In2306	ppm	0.4818	0.0011	0.2348	0.481	0.4826
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0003	124.5	0	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.4832	0.0024	0.5041	0.4814	0.4849
S_1820	182.034 {4	Y_2243	ppm	-42.65	0.1844	0.4322	-42.78	-42.52
Sb2068	206.833 {4	Y_2243	ppm	0.4999	0.0012	0.2428	0.5008	0.499
Se1960	196.090 {4	Y_2243	ppm	0.4904	0.0007	0.1518	0.4899	0.4909
Si2516	251.611 {1	Y_3710	ppm	0.7961	0.0257	3.234	0.7779	0.8143
Sn1899	189.989 {4	In2306	ppm	0.4963	0.0008	0.1624	0.4957	0.4969
Sr4215	421.552 { 8	Y_3710	ppm	0.2455	0.0002	0.0641	0.2456	0.2454

Ti3349	334.904 {1	Y_3600	ppm	0.5023	0.0001	0.0177	0.5024	0.5023
Tl1908	190.856 {4	In2306	ppm	0.4964	0.0025	0.5113	0.4982	0.4946
V_2924	292.402 {1	Y_3600	ppm	0.5009	0.0008	0.1504	0.5015	0.5004
Zn2062	206.200 {4	In2306	ppm	0.4837	0.0014	0.2841	0.4827	0.4847

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	64.118	0.58578	0.9136	63.704	64.532
In2306	230.606 {4	Cts/S	9486.2	18.503	0.19505	9499.3	9473.1
Y_2243	224.306 {4	Cts/S	12368	17.854	0.14435	12381	12355
Y_3600	360.073 { 9	Cts/S	47934	110.31	0.23013	47856	48012
Y_3710	371.030 { 9	Cts/S	8562.8	18.969	0.22153	8549.3	8576.2

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0005	8.826	0.0049	0.0055
Al3082	308.215 {1	In2306	ppm	0.0562	0.0047	8.41	0.0595	0.0528
As1890	189.042 {4	Y_2243	ppm	0.0089	0.0011	11.92	0.0082	0.0097
B_2496	249.678 {1	Y_3710	ppm	0.0076	0.0047	61.46	0.0043	0.0109
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0.0001	0.7953	0.0097	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	2.841	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0895	0.015	16.74	0.0789	0.1001
Ca3181	318.128 {1	In2306	ppm	0.2004	0.0748	37.32	0.2533	0.1475
Cd2288	228.802 {4	Y_2243	ppm	0.0053	0.0007	13.54	0.0048	0.0058
Co2286	228.616 {4	In2306	ppm	0.0102	0.0007	6.479	0.0098	0.0107
Cr2677	267.716 {1	Y_3600	ppm	0.0092	0.0003	2.83	0.0094	0.009
Cu3247	324.754 {1	Y_3600	ppm	0.0095	0.0004	4.034	0.0098	0.0092
Fe2404	240.488 {1	In2306	ppm	0.0933	0.011	11.83	0.1011	0.0855
K_7664	766.490 { 4	Y_3710	ppm	0.6082	0.0105	1.722	0.6156	0.6008
K_7698	769.896 { 4	Y_3710	ppm	0.3381	0.0241	7.126	0.3552	0.3211
Li6707	670.784 { 5	Y_3710	ppm	0.0096	0.0006	6.119	0.01	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.0658	0.0322	48.97	0.0886	0.043
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.2014	0.0101	0.01
Mn2576-2	257.610 {1	Y_3710	ppm	0.0093	0.0018	19.76	0.008	0.0106
Mo2020	202.030 {4	Y_2243	ppm	0.0117	0.0013	11.15	0.0108	0.0126
Na5895	589.592 { 5	Y_3710	ppm	0.6293	0.0145	2.308	0.6396	0.619
Na8183	818.326 { 4	Y_3710	ppm	0.6835	0.0864	12.64	0.7446	0.6224
Ni2316	231.604 {4	In2306	ppm	0.0104	0.0009	9.065	0.0097	0.011
P_1782	178.284 {4	In2306	ppm	0.0103	0.001	9.424	0.0096	0.011
Pb2203	220.353 {4	In2306	ppm	0.0096	0.0001	1.105	0.0097	0.0095
S_1820	182.034 {4	Y_2243	ppm	0.3901	0.0413	10.58	0.4193	0.3609
Sb2068	206.833 {4	Y_2243	ppm	0.0204	0.0017	8.54	0.0192	0.0216
Se1960	196.090 {4	Y_2243	ppm	0.0093	0.0007	7.205	0.0089	0.0098
Si2516	251.611 {1	Y_3710	ppm	-0.0151	0.0153	101.1	-0.0043	-0.0259
Sn1899	189.989 {4	In2306	ppm	0.0102	0.0012	12.03	0.0093	0.011

Sr4215	421.552 {	8	Y_3710	ppm	0.0047	0.0001	1.208	0.0047	0.0048
Ti3349	334.904 {1		Y_3600	ppm	0.0104	0.0002	1.637	0.0105	0.0103
Tl1908	190.856 {4		In2306	ppm	0.0138	0.0029	20.78	0.0117	0.0158
V_2924	292.402 {1		Y_3600	ppm	0.01	0.0004	4.459	0.0103	0.0097
Zn2062	206.200 {4		In2306	ppm	0.0088	0.0007	8.399	0.0083	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.628	0.28483	0.44764	63.83	63.427
In2306	230.606 {4	Cts/S	10068	14.516	0.14417	10058	10079
Y_2243	224.306 {4	Cts/S	12550	18.902	0.15061	12537	12564
Y_3600	360.073 {	9	Cts/S	47109	27.77	0.05895	47090	47129
Y_3710	371.030 {	9	Cts/S	8748.9	55.086	0.62964	8709.9	8787.8

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	78.69	0.0004	0.0001
Al3082	308.215 {1	In2306	ppm	0.0034	0.0314	918.5	-0.0188	0.0256
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0006	43.01	-0.0009	-0.0017
B_2496	249.678 {1	Y_3710	ppm	-0.0026	0.0056	211.7	0.0013	-0.0066
Ba4554	455.403 {	7	Y_3710	ppm	-0.0001	0.0002	244.1	-0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	36.78	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0172	0.0038	22.25	0.0199	0.0145
Ca3181	318.128 {1	In2306	ppm	0.1014	0.1499	147.9	0.2073	-0.0046
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	86.01	0	-0.0001
Co2286	228.616 {4	In2306	ppm	-0.0001	0.0001	117.6	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0002	366.1	0.0002	-0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0003	0.0001	38.7	-0.0004	-0.0002
Fe2404	240.488 {1	In2306	ppm	-0.0107	0.0025	23.57	-0.0124	-0.0089
K_7664	766.490 {	4	Y_3710	ppm	0.0035	0.0055	157.5	-0.0004	0.0073
K_7698	769.896 {	4	Y_3710	ppm	-0.0078	0.0101	129.5	-0.0007	-0.015
Li6707	670.784 {	5	Y_3710	ppm	0	0	81.1	0	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0104	0.012	115.6	-0.0188	-0.0019
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	106	0	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0003	0.0004	134	0	-0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	27.14	0.0003	0.0004
Na5895	589.592 {	5	Y_3710	ppm	0.0031	0.0002	5.408	0.003	0.0032
Na8183	818.326 {	4	Y_3710	ppm	0.0127	0.0632	495.9	0.0574	-0.032
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0004	174.3	0	0.0005
P_1782	178.284 {4	In2306	ppm	-0.0001	0.0006	1086	0.0004	-0.0005
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0001	71.65	-0.0001	-0.0003
S_1820	182.034 {4	Y_2243	ppm	0.2282	0.0154	6.754	0.2173	0.2391
Sb2068	206.833 {4	Y_2243	ppm	0.0032	0.0014	44.11	0.0022	0.0041
Se1960	196.090 {4	Y_2243	ppm	-0.0023	0.0004	19.28	-0.0026	-0.0019
Si2516	251.611 {1	Y_3710	ppm	-0.0059	0.0178	302.2	-0.0184	0.0067

Sn1899	189.989 {4	In2306	ppm	0	0.0004	15400	-0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	28.57	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	253.4	-0.0003	0.0001
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0016	1474	0.001	-0.0012
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	2363	0.0001	-0.0001
Zn2062	206.200 {4	In2306	ppm	0	0.0001	261.4	0.0001	0

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.892	0.39042	0.62077	62.616	63.168
In2306	230.606 {4	Cts/S	10066	17.364	0.1725	10054	10079
Y_2243	224.306 {4	Cts/S	12552	40.016	0.3188	12524	12580
Y_3600	360.073 { 9	Cts/S	46252	326.83	0.70662	46483	46021
Y_3710	371.030 { 9	Cts/S	8484.9	52.547	0.61929	8447.8	8522.1

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	391.8	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.057	0.053	92.89	-0.0196	-0.0945
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.0001	6.156	-0.0011	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0062	0.0052	84.84	-0.0098	-0.0025
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	12.09	0.0008	0.0006
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	206.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0052	0.0008	15.26	-0.0047	-0.0058
Ca3181	318.128 {1	In2306	ppm	0.0808	0.0405	50.1	0.0522	0.1094
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	49.08	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0	1.449	0	0
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	134.5	0.0003	0
Cu3247	324.754 {1	Y_3600	ppm	-0.0014	0.0001	6.06	-0.0013	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0142	0.0129	90.65	-0.0233	-0.0051
K_7664	766.490 { 4	Y_3710	ppm	0.0088	0.0124	141.2	0.0176	0
K_7698	769.896 { 4	Y_3710	ppm	-0.2744	0.0096	3.496	-0.2812	-0.2677
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0001	134.7	0	-0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0445	0.0038	8.482	0.0471	0.0418
Mn2576	257.610 {1	Y_3600	ppm	0	0	153.5	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0007	917.2	0.0005	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	235.7	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.0088	0.0001	1.096	0.0089	0.0087
Na8183	818.326 { 4	Y_3710	ppm	0.1917	0.0299	15.57	0.2128	0.1706
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	105.7	0	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0001	54.14	-0.0004	-0.0002
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0014	238.5	0.0016	-0.0004
S_1820	182.034 {4	Y_2243	ppm	0.4324	0.0896	20.72	0.4957	0.369
Sb2068	206.833 {4	Y_2243	ppm	0.002	0.0004	22.5	0.0023	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0003	36.59	0.001	0.0006

Si2516	251.611 {1	Y_3710	ppm	-0.0295	0.0177	59.87	-0.017	-0.042
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0003	84.28	-0.0001	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0	0	34.14	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0007	0.0004	50.51	-0.0005	-0.001
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0003	42.68	0.0006	0.001
V_2924	292.402 {1	Y_3600	ppm	0.0001	0	27.01	0.0001	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0013	0.0001	4.67	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.36	0.42095	0.66438	63.062	63.658
In2306	230.606 {4	Cts/S	10220	90.878	0.88918	10156	10285
Y_2243	224.306 {4	Cts/S	12813	111.1	0.8671	12734	12891
Y_3600	360.073 { 9	Cts/S	46608	36.843	0.07905	46582	46634
Y_3710	371.030 { 9	Cts/S	8774.6	83.677	0.95363	8833.8	8715.4

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5045	0.0009	0.1709	0.5051	0.5038
Al3082	308.215 {1	In2306	ppm	10.53	0.1407	1.336	10.63	10.43
As1890	189.042 {4	Y_2243	ppm	0.9684	0.0165	1.704	0.9801	0.9567
B_2496	249.678 {1	Y_3710	ppm	1.001	0.0059	0.5915	1.005	0.9964
Ba4554	455.403 { 7	Y_3710	ppm	1.007	0.0067	0.6627	1.011	1.002
Be3130	313.042 {1	Y_3710	ppm	0.5087	0.0029	0.5691	0.5067	0.5108
Ca3158	315.887 {1	In2306	ppm	10.02	0.0019	0.0187	10.02	10.02
Ca3181	318.128 {1	In2306	ppm	10.17	0.0664	0.6526	10.22	10.13
Cd2288	228.802 {4	Y_2243	ppm	0.4899	0.0087	1.773	0.496	0.4838
Co2286	228.616 {4	In2306	ppm	0.9815	0.0188	1.915	0.9948	0.9682
Cr2677	267.716 {1	Y_3600	ppm	1.008	0	0.0024	1.008	1.008
Cu3247	324.754 {1	Y_3600	ppm	1.016	0.0023	0.2288	1.017	1.014
Fe2404	240.488 {1	In2306	ppm	10.16	0.0226	0.2222	10.14	10.18
K_7664	766.490 { 4	Y_3710	ppm	11.28	0.3345	2.966	11.51	11.04
K_7698	769.896 { 4	Y_3710	ppm	11.29	0.3423	3.031	11.53	11.05
Li6707	670.784 { 5	Y_3710	ppm	0.557	0.0211	3.781	0.5719	0.5421
Mg2790	279.079 {1	Y_3710	ppm	10.02	0.0327	0.3268	10.04	9.994
Mn2576	257.610 {1	Y_3600	ppm	0.9872	0.0013	0.1323	0.9863	0.9881
Mn2576-2	257.610 {1	Y_3710	ppm	0.9614	0.008	0.8287	0.9558	0.967
Mo2020	202.030 {4	Y_2243	ppm	0.9784	0.0186	1.903	0.9916	0.9652
Na5895	589.592 { 5	Y_3710	ppm	11.19	0.3587	3.206	11.44	10.93
Na8183	818.326 { 4	Y_3710	ppm	10.43	0.1738	1.666	10.56	10.31
Ni2316	231.604 {4	In2306	ppm	0.9602	0.0177	1.843	0.9727	0.9477
P_1782	178.284 {4	In2306	ppm	-0.001	0.0004	41.89	-0.0012	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.9659	0.015	1.552	0.9765	0.9553
S_1820	182.034 {4	Y_2243	ppm	0.5453	0.157	28.79	0.6563	0.4343
Sb2068	206.833 {4	Y_2243	ppm	0.9568	0.0206	2.149	0.9714	0.9423

Se1960	196.090 {4	Y_2243	ppm	0.984	0.0093	0.9447	0.9906	0.9774
Si2516	251.611 {1	Y_3710	ppm	0.8632	0.0027	0.3134	0.8613	0.8651
Sn1899	189.989 {4	In2306	ppm	0.9861	0.0246	2.496	1.003	0.9687
Sr4215	421.552 { 8	Y_3710	ppm	0.5035	0.0028	0.5479	0.5055	0.5016
Ti3349	334.904 {1	Y_3600	ppm	1.025	0.0038	0.3677	1.022	1.027
Tl1908	190.856 {4	In2306	ppm	0.9719	0.0338	3.477	0.9958	0.948
V_2924	292.402 {1	Y_3600	ppm	1.032	0.0042	0.4114	1.029	1.035
Zn2062	206.200 {4	In2306	ppm	0.9634	0.0177	1.837	0.9759	0.9509

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.713	1.0293	1.7237	58.985	60.441
In2306	230.606 {4	Cts/S	9421.8	13.391	0.14213	9412.3	9431.2
Y_2243	224.306 {4	Cts/S	12350	8.3382	0.06752	12356	12344
Y_3600	360.073 { 9	Cts/S	47240	86.135	0.18233	47301	47179
Y_3710	371.030 { 9	Cts/S	8405.4	42.324	0.50354	8375.4	8435.3

[Sample Header]
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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:45:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	124.3	0.0005	0
Al3082	308.215 {1	In2306	ppm	0.0516	0.0305	59	0.0732	0.0301
As1890	189.042 {4	Y_2243	ppm	0.003	0.002	65.48	0.0016	0.0044
B_2496	249.678 {1	Y_3710	ppm	0.1375	0.0031	2.288	0.1353	0.1398
Ba4554	455.403 { 7	Y_3710	ppm	0.0048	0.0004	7.569	0.0051	0.0045
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	5.53	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	3.876	0.225	5.805	3.717	4.035
Ca3181	318.128 {1	In2306	ppm	4.041	0.154	3.81	3.932	4.15
Cd2288	228.802 {4	Y_2243	ppm	0.001	0.0015	143.3	0	0.002
Co2286	228.616 {4	In2306	ppm	0.0018	0.0028	151	-0.0001	0.0038
Cr2677	267.716 {1	Y_3600	ppm	0	0.0001	1116	-0.0001	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0.0001	5.48	-0.0028	-0.0026
Fe2404	240.488 {1	In2306	ppm	-0.0129	0.011	85.56	-0.0207	-0.0051
K_7664	766.490 { 4	Y_3710	ppm	4.102	0.0038	0.0938	4.099	4.105
K_7698	769.896 { 4	Y_3710	ppm	4.063	0.0444	1.092	4.095	4.032
Li6707	670.784 { 5	Y_3710	ppm	0.0024	0.0002	10.27	0.0022	0.0026
Mg2790	279.079 {1	Y_3710	ppm	0.3791	0.0724	19.1	0.4303	0.3279
Mn2576	257.610 {1	Y_3600	ppm	0.0204	0	0.0035	0.0204	0.0204
Mn2576-2	257.610 {1	Y_3710	ppm	0.0224	0.0019	8.471	0.0211	0.0238
Mo2020	202.030 {4	Y_2243	ppm	0.3031	0.0023	0.7725	0.3015	0.3048
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	1876	2.588	0.1379	1878	1874
Ni2316	231.604 {4	In2306	ppm	0.0085	0.0033	38.93	0.0062	0.0109
P_1782	178.284 {4	In2306	ppm	0.016	0.0018	11.28	0.0173	0.0147
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0015	177.4	-0.0002	0.0019
S_1820	182.034 {4	Y_2243	ppm	-47210	45.68	0.0968	-47240	-47170

Sb2068	206.833 {4	Y_2243	ppm	0.0145	0.0002	1.16	0.0147	0.0144
Se1960	196.090 {4	Y_2243	ppm	0.004	0.0018	44.77	0.0027	0.0053
Si2516	251.611 {1	Y_3710	ppm	0.159	0.0047	2.926	0.1557	0.1623
Sn1899	189.989 {4	In2306	ppm	0.0037	0.0037	101.4	0.001	0.0063
Sr4215	421.552 { 8	Y_3710	ppm	0.0201	0	0.2451	0.0201	0.0201
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0003	42	0.0004	0.0008
Tl1908	190.856 {4	In2306	ppm	0.006	0.0068	114.1	0.0011	0.0108
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0007	54.28	0.0008	0.0018
Zn2062	206.200 {4	In2306	ppm	0.0065	0.0033	50.85	0.0042	0.0089

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.08	2.9996	5.1647	60.201	55.959
In2306	230.606 {4	Cts/S	6983.7	10.909	0.15621	6976	6991.4
Y_2243	224.306 {4	Cts/S	10453	21.058	0.20146	10438	10467
Y_3600	360.073 { 9	Cts/S	51125	89.266	0.1746	51062	51188
Y_3710	371.030 { 9	Cts/S	8184.3	37.811	0.46199	8157.6	8211.1

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=600-48978-C-1-A
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:48:39
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	168.2	0	0.0002
Al3082	308.215 {1	In2306	ppm	0.224	0.0012	0.5328	0.2248	0.2231
As1890	189.042 {4	Y_2243	ppm	0.0134	0.0018	13.61	0.0147	0.0122
B_2496	249.678 {1	Y_3710	ppm	0.3233	0.0051	1.592	0.3197	0.327
Ba4554	455.403 { 7	Y_3710	ppm	0.1649	0.0014	0.8483	0.1659	0.1639
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	222.4	0.0001	0
Ca3158	315.887 {1	In2306	ppm	116.7	2.071	1.775	118.1	115.2
Ca3181	318.128 {1	In2306	ppm	117.5	1.984	1.688	118.9	116.1
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	125.4	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0.0003	109.3	0.0001	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0.0003	3.535	0.0101	0.0096
Cu3247	324.754 {1	Y_3600	ppm	0.0428	0.0005	1.277	0.0424	0.0432
Fe2404	240.488 {1	In2306	ppm	0.405	0.0312	7.713	0.4271	0.3829
K_7664	766.490 { 4	Y_3710	ppm	20.18	0.2653	1.314	20.37	19.99
K_7698	769.896 { 4	Y_3710	ppm	20.79	0.2464	1.185	20.96	20.62
Li6707	670.784 { 5	Y_3710	ppm	0.0241	0.0001	0.4982	0.0242	0.024
Mg2790	279.079 {1	Y_3710	ppm	13.36	0.0012	0.0093	13.36	13.36
Mn2576	257.610 {1	Y_3600	ppm	0.0274	0.0002	0.6897	0.0275	0.0273
Mn2576-2	257.610 {1	Y_3710	ppm	0.0291	0.0001	0.3201	0.0291	0.0292
Mo2020	202.030 {4	Y_2243	ppm	0.0166	0.0011	6.867	0.0158	0.0174
Na5895	589.592 { 5	Y_3710	ppm	262	6.119	2.335	266.3	257.7
Na8183	818.326 { 4	Y_3710	ppm	307	2.706	0.8811	309	305.1
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0001	0.8282	0.0114	0.0113
P_1782	178.284 {4	In2306	ppm	2.48	0.0116	0.4687	2.488	2.472
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0007	258.9	-0.0007	0.0002

S_1820	182.034 {4	Y_2243	ppm	-10970	80.75	0.7363	-10910	-11020
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0002	8.644	0.003	0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0007	43.02	0.0011	0.002
Si2516	251.611 {1	Y_3710	ppm	8.353	0.0081	0.0966	8.347	8.359
Sn1899	189.989 {4	In2306	ppm	-0.0001	0	44.98	0	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.8374	0.0027	0.3268	0.8394	0.8355
Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0005	16.08	0.0035	0.0028
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0005	60.2	0.0012	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0064	0.0003	4.718	0.0062	0.0066
Zn2062	206.200 {4	In2306	ppm	0.0555	0.0004	0.6706	0.0553	0.0558

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.708	1.6044	2.687	58.574	60.843
In2306	230.606 {4	Cts/S	8043.2	6.713	0.08346	8038.5	8048
Y_2243	224.306 {4	Cts/S	11208	18.364	0.16384	11195	11221
Y_3600	360.073 { 9	Cts/S	49002	118.43	0.24167	49086	48919
Y_3710	371.030 { 9	Cts/S	8187.5	1.1868	0.0145	8188.3	8186.6

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SampleName=600-48978-C-1-B DU
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Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:51:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	11.67	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	0.2203	0.0364	16.53	0.246	0.1945
As1890	189.042 {4	Y_2243	ppm	0.0139	0.0006	4.252	0.0135	0.0144
B_2496	249.678 {1	Y_3710	ppm	0.3301	0.0023	0.6862	0.3285	0.3317
Ba4554	455.403 { 7	Y_3710	ppm	0.1767	0.0005	0.2558	0.1764	0.177
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	272.8	0	0.0001
Ca3158	315.887 {1	In2306	ppm	126.2	3.34	2.646	128.6	123.9
Ca3181	318.128 {1	In2306	ppm	126.6	2.974	2.349	128.7	124.5
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	115.8	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	27.39	0.0004	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0002	2.319	0.0101	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0891	0.0003	0.3791	0.0893	0.0889
Fe2404	240.488 {1	In2306	ppm	0.3948	0.008	2.037	0.4005	0.3891
K_7664	766.490 { 4	Y_3710	ppm	21.33	0.0821	0.3848	21.27	21.38
K_7698	769.896 { 4	Y_3710	ppm	22.07	0.1376	0.6234	21.97	22.17
Li6707	670.784 { 5	Y_3710	ppm	0.0248	0.0004	1.787	0.0245	0.0251
Mg2790	279.079 {1	Y_3710	ppm	13.76	0.1569	1.141	13.87	13.65
Mn2576	257.610 {1	Y_3600	ppm	0.0323	0.0001	0.1808	0.0323	0.0324
Mn2576-2	257.610 {1	Y_3710	ppm	0.0324	0.0003	1.052	0.0326	0.0321
Mo2020	202.030 {4	Y_2243	ppm	0.0154	0.0001	0.9005	0.0153	0.0155
Na5895	589.592 { 5	Y_3710	ppm	268.8	2.508	0.933	270.6	267.1
Na8183	818.326 { 4	Y_3710	ppm	322.1	0.9215	0.2861	321.5	322.8
Ni2316	231.604 {4	In2306	ppm	0.0127	0.0001	1.08	0.0128	0.0126
P_1782	178.284 {4	In2306	ppm	2.503	0.0013	0.0505	2.504	2.502

Pb2203	220.353 {4	In2306	ppm	0.0016	0	2.663	0.0016	0.0017
S_1820	182.034 {4	Y_2243	ppm	-10680	12.26	0.1148	-10690	-10670
Sb2068	206.833 {4	Y_2243	ppm	0.0016	0.0001	3.635	0.0016	0.0015
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0005	41.3	0.0009	0.0017
Si2516	251.611 {1	Y_3710	ppm	8.472	0.014	0.1652	8.462	8.482
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	65.85	-0.0002	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.8796	0.0044	0.4966	0.8765	0.8827
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0.0001	2.089	0.0025	0.0026
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0001	6.538	0.002	0.0018
V_2924	292.402 {1	Y_3600	ppm	0.0062	0.0002	2.556	0.0061	0.0063
Zn2062	206.200 {4	In2306	ppm	0.1758	0.001	0.577	0.1765	0.1751

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.455	1.0081	1.7245	57.742	59.167
In2306	230.606 {4	Cts/S	8016.9	12.943	0.16144	8026.1	8007.8
Y_2243	224.306 {4	Cts/S	11166	35.539	0.31829	11191	11141
Y_3600	360.073 { 9	Cts/S	49282	93.122	0.18896	49216	49347
Y_3710	371.030 { 9	Cts/S	8220.2	62.052	0.75488	8264.1	8176.3

[Sample Header]
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SampleName=600-48978-C-1-C MS
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:53:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.514	0.0025	0.4859	0.5122	0.5158
Al3082	308.215 {1	In2306	ppm	10.78	0.2462	2.284	10.95	10.6
As1890	189.042 {4	Y_2243	ppm	1.055	0.0148	1.404	1.066	1.045
B_2496	249.678 {1	Y_3710	ppm	1.366	0.0078	0.5712	1.36	1.371
Ba4554	455.403 { 7	Y_3710	ppm	1.153	0.0035	0.2997	1.15	1.155
Be3130	313.042 {1	Y_3710	ppm	0.504	0.0004	0.0748	0.5043	0.5038
Ca3158	315.887 {1	In2306	ppm	133.8	3.377	2.524	136.2	131.4
Ca3181	318.128 {1	In2306	ppm	134.6	3.291	2.444	137	132.3
Cd2288	228.802 {4	Y_2243	ppm	0.5117	0.0077	1.508	0.5171	0.5062
Co2286	228.616 {4	In2306	ppm	1.015	0.0179	1.767	1.028	1.003
Cr2677	267.716 {1	Y_3600	ppm	0.9557	0.0016	0.163	0.9568	0.9546
Cu3247	324.754 {1	Y_3600	ppm	1.154	0.0029	0.2506	1.156	1.152
Fe2404	240.488 {1	In2306	ppm	10.41	0.2727	2.62	10.6	10.22
K_7664	766.490 { 4	Y_3710	ppm	31.9	0.3443	1.079	31.65	32.14
K_7698	769.896 { 4	Y_3710	ppm	33.29	0.3413	1.025	33.05	33.53
Li6707	670.784 { 5	Y_3710	ppm	0.557	0.0068	1.222	0.5521	0.5618
Mg2790	279.079 {1	Y_3710	ppm	23.85	0.0867	0.3637	23.79	23.91
Mn2576	257.610 {1	Y_3600	ppm	0.9666	0.001	0.1043	0.9659	0.9673
Mn2576-2	257.610 {1	Y_3710	ppm	0.9867	0.0078	0.7913	0.9812	0.9922
Mo2020	202.030 {4	Y_2243	ppm	0.9918	0.019	1.915	1.005	0.9784
Na5895	589.592 { 5	Y_3710	ppm	286.6	4.71	1.643	283.3	289.9
Na8183	818.326 { 4	Y_3710	ppm	331.5	2.3	0.6938	329.9	333.2
Ni2316	231.604 {4	In2306	ppm	0.9998	0.0187	1.874	1.013	0.9866

P_1782	178.284 {4	In2306	ppm	2.439	0.013	0.5329	2.449	2.43
Pb2203	220.353 {4	In2306	ppm	0.9735	0.0157	1.612	0.9846	0.9624
S_1820	182.034 {4	Y_2243	ppm	-10420	42.12	0.4044	-10450	-10390
Sb2068	206.833 {4	Y_2243	ppm	1.002	0.0157	1.564	1.013	0.991
Se1960	196.090 {4	Y_2243	ppm	1.075	0.0118	1.097	1.083	1.067
Si2516	251.611 {1	Y_3710	ppm	9.478	0.0762	0.8039	9.424	9.532
Sn1899	189.989 {4	In2306	ppm	1.023	0.0224	2.194	1.039	1.007
Sr4215	421.552 { 8	Y_3710	ppm	1.366	0.004	0.2943	1.364	1.369
Ti3349	334.904 {1	Y_3600	ppm	0.9903	0.0059	0.5999	0.9945	0.9861
Tl1908	190.856 {4	In2306	ppm	0.9303	0.0293	3.149	0.951	0.9096
V_2924	292.402 {1	Y_3600	ppm	0.9907	0.0011	0.1124	0.9915	0.9899
Zn2062	206.200 {4	In2306	ppm	1.228	0.0248	2.018	1.245	1.21

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.812	1.2966	2.2046	57.895	59.729
In2306	230.606 {4	Cts/S	7928.7	11.998	0.15132	7937.2	7920.2
Y_2243	224.306 {4	Cts/S	11115	37.916	0.34111	11142	11089
Y_3600	360.073 { 9	Cts/S	49000	20.988	0.04283	48985	49015
Y_3710	371.030 { 9	Cts/S	8134	34.786	0.42767	8158.6	8109.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 8:56:25
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5292	0.0021	0.3877	0.5278	0.5307
Al3082	308.215 {1	In2306	ppm	11.06	0.2496	2.258	11.23	10.88
As1890	189.042 {4	Y_2243	ppm	1.099	0.0059	0.5377	1.104	1.095
B_2496	249.678 {1	Y_3710	ppm	1.363	0.0005	0.0336	1.363	1.363
Ba4554	455.403 { 7	Y_3710	ppm	1.184	0.0027	0.2279	1.186	1.182
Be3130	313.042 {1	Y_3710	ppm	0.5179	0.0013	0.2475	0.5169	0.5188
Ca3158	315.887 {1	In2306	ppm	131	0.9717	0.7417	131.7	130.3
Ca3181	318.128 {1	In2306	ppm	132	1.371	1.039	132.9	131
Cd2288	228.802 {4	Y_2243	ppm	0.5309	0.0033	0.6264	0.5332	0.5285
Co2286	228.616 {4	In2306	ppm	1.057	0.0045	0.425	1.06	1.054
Cr2677	267.716 {1	Y_3600	ppm	0.9901	0.0023	0.231	0.9917	0.9885
Cu3247	324.754 {1	Y_3600	ppm	1.18	0.0033	0.2773	1.182	1.178
Fe2404	240.488 {1	In2306	ppm	10.52	0.1342	1.275	10.61	10.42
K_7664	766.490 { 4	Y_3710	ppm	32.57	0.656	2.014	33.03	32.11
K_7698	769.896 { 4	Y_3710	ppm	33.97	0.6787	1.998	34.45	33.49
Li6707	670.784 { 5	Y_3710	ppm	0.576	0.0127	2.199	0.5849	0.567
Mg2790	279.079 {1	Y_3710	ppm	24.04	0.046	0.1912	24.01	24.07
Mn2576	257.610 {1	Y_3600	ppm	0.996	0.0006	0.0653	0.9964	0.9955
Mn2576-2	257.610 {1	Y_3710	ppm	1.011	0.002	0.1962	1.01	1.012
Mo2020	202.030 {4	Y_2243	ppm	1.018	0.0081	0.7948	1.024	1.012
Na5895	589.592 { 5	Y_3710	ppm	269.8	6.936	2.571	264.9	274.7
Na8183	818.326 { 4	Y_3710	ppm	333	3.456	1.038	335.4	330.5

Ni2316	231.604 {4	In2306	ppm	1.042	0.0062	0.5941	1.047	1.038
P_1782	178.284 {4	In2306	ppm	2.441	0.0124	0.5075	2.45	2.432
Pb2203	220.353 {4	In2306	ppm	1.008	0.008	0.7963	1.014	1.003
S_1820	182.034 {4	Y_2243	ppm	-10360	26.34	0.2541	-10380	-10350
Sb2068	206.833 {4	Y_2243	ppm	1.037	0.0049	0.4763	1.041	1.034
Se1960	196.090 {4	Y_2243	ppm	1.115	0.0011	0.0997	1.115	1.116
Si2516	251.611 {1	Y_3710	ppm	9.496	0.018	0.1899	9.509	9.483
Sn1899	189.989 {4	In2306	ppm	1.052	0.0075	0.7153	1.058	1.047
Sr4215	421.552 { 8	Y_3710	ppm	1.383	0.0013	0.0947	1.384	1.382
Ti3349	334.904 {1	Y_3600	ppm	1.006	0.0063	0.6212	1.011	1.002
Tl1908	190.856 {4	In2306	ppm	0.9634	0.0218	2.261	0.9788	0.948
V_2924	292.402 {1	Y_3600	ppm	1.026	0.0029	0.2872	1.028	1.024
Zn2062	206.200 {4	In2306	ppm	1.256	0.0071	0.5647	1.261	1.251

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.51	0.989	1.6619	58.811	60.21
In2306	230.606 {4	Cts/S	7884.5	41.985	0.5325	7914.2	7854.8
Y_2243	224.306 {4	Cts/S	11059	61.37	0.55494	11102	11015
Y_3600	360.073 { 9	Cts/S	49206	150.97	0.30681	49099	49313
Y_3710	371.030 { 9	Cts/S	8114.7	30.608	0.37719	8093	8136.3

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Custom ID3=
Run Time=1/25/2012 8:58:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5074	0.0047	0.9352	0.5041	0.5108
Al3082	308.215 {1	In2306	ppm	10.91	0.4209	3.859	10.61	11.21
As1890	189.042 {4	Y_2243	ppm	1.058	0.0037	0.3483	1.06	1.055
B_2496	249.678 {1	Y_3710	ppm	1.331	0.0115	0.8613	1.339	1.323
Ba4554	455.403 { 7	Y_3710	ppm	1.14	0.0025	0.2211	1.138	1.142
Be3130	313.042 {1	Y_3710	ppm	0.4925	0.002	0.4162	0.494	0.4911
Ca3158	315.887 {1	In2306	ppm	131.7	5.654	4.293	127.7	135.7
Ca3181	318.128 {1	In2306	ppm	132.8	5.636	4.244	128.8	136.8
Cd2288	228.802 {4	Y_2243	ppm	0.5162	0.0011	0.21	0.5169	0.5154
Co2286	228.616 {4	In2306	ppm	1.02	0.0025	0.2428	1.022	1.018
Cr2677	267.716 {1	Y_3600	ppm	0.9645	0.0028	0.2927	0.9625	0.9665
Cu3247	324.754 {1	Y_3600	ppm	1.103	0.0042	0.381	1.106	1.1
Fe2404	240.488 {1	In2306	ppm	10.73	0.4771	4.448	10.39	11.07
K_7664	766.490 { 4	Y_3710	ppm	29.91	0.1406	0.4702	29.81	30.01
K_7698	769.896 { 4	Y_3710	ppm	31.21	0.1154	0.3698	31.13	31.29
Li6707	670.784 { 5	Y_3710	ppm	1.068	0.0077	0.7199	1.062	1.073
Mg2790	279.079 {1	Y_3710	ppm	23.12	0.1413	0.6112	23.22	23.02
Mn2576	257.610 {1	Y_3600	ppm	0.9796	0.0071	0.7207	0.9746	0.9846
Mn2576-2	257.610 {1	Y_3710	ppm	0.9906	0.0018	0.1846	0.9919	0.9893
Mo2020	202.030 {4	Y_2243	ppm	0.9848	0.0036	0.3613	0.9873	0.9822
Na5895	589.592 { 5	Y_3710	ppm	260.4	6.15	2.362	264.7	256

Na8183	818.326 { 4	Y_3710	ppm	312.3	1.254	0.4015	311.4	313.2
Ni2316	231.604 {4	In2306	ppm	1.017	0	0.0048	1.017	1.017
P_1782	178.284 {4	In2306	ppm	3.558	0.002	0.0559	3.559	3.557
Pb2203	220.353 {4	In2306	ppm	0.9828	0.0034	0.351	0.9853	0.9804
S_1820	182.034 {4	Y_2243	ppm	-10720	25.58	0.2387	-10740	-10700
Sb2068	206.833 {4	Y_2243	ppm	1.023	0.009	0.8812	1.029	1.016
Se1960	196.090 {4	Y_2243	ppm	1.061	0.0045	0.4262	1.064	1.058
Si2516	251.611 {1	Y_3710	ppm	9.212	0.0434	0.471	9.181	9.243
Sn1899	189.989 {4	In2306	ppm	1.023	0.0015	0.1481	1.024	1.022
Sr4215	421.552 { 8	Y_3710	ppm	1.308	0.0013	0.0986	1.307	1.309
Ti3349	334.904 {1	Y_3600	ppm	0.9855	0.0005	0.0546	0.9851	0.9859
Tl1908	190.856 {4	In2306	ppm	0.9799	0.0024	0.2472	0.9781	0.9816
V_2924	292.402 {1	Y_3600	ppm	0.9839	0.0025	0.2557	0.9857	0.9821
Zn2062	206.200 {4	In2306	ppm	1.106	0.0031	0.2774	1.108	1.104

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.197	2.5963	4.5392	59.033	55.361
In2306	230.606 {4	Cts/S	8004.5	9.0964	0.11364	7998.1	8010.9
Y_2243	224.306 {4	Cts/S	11269	13.139	0.11659	11260	11278
Y_3600	360.073 { 9	Cts/S	48940	287.5	0.58746	49143	48736
Y_3710	371.030 { 9	Cts/S	8223.8	4.8196	0.05861	8227.2	8220.4

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Custom ID3=
Run Time=1/25/2012 9:01:19
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0005	0	9.77	-0.0005	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0156	0.0349	223.6	0.0403	-0.0091
As1890	189.042 {4	Y_2243	ppm	0.0072	0.0055	75.23	0.0034	0.0111
B_2496	249.678 {1	Y_3710	ppm	0.0611	0.0042	6.905	0.0581	0.064
Ba4554	455.403 { 7	Y_3710	ppm	0.0326	0.0001	0.2337	0.0326	0.0325
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	19.15	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	23.06	0.2903	1.259	23.26	22.85
Ca3181	318.128 {1	In2306	ppm	23.31	0.2388	1.025	23.48	23.14
Cd2288	228.802 {4	Y_2243	ppm	0.0026	0.0034	132.7	0.0002	0.005
Co2286	228.616 {4	In2306	ppm	0.006	0.0074	123.3	0.0008	0.0113
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0001	2.703	0.002	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.006	0.0007	10.89	0.0065	0.0056
Fe2404	240.488 {1	In2306	ppm	0.0547	0.0151	27.54	0.0653	0.044
K_7664	766.490 { 4	Y_3710	ppm	3.978	0.0185	0.4641	3.991	3.965
K_7698	769.896 { 4	Y_3710	ppm	3.825	0.0256	0.6703	3.843	3.807
Li6707	670.784 { 5	Y_3710	ppm	0.0048	0.0001	1.883	0.0047	0.0048
Mg2790	279.079 {1	Y_3710	ppm	2.582	0.0233	0.9017	2.566	2.599
Mn2576	257.610 {1	Y_3600	ppm	0.0057	0.0001	1.048	0.0057	0.0056
Mn2576-2	257.610 {1	Y_3710	ppm	0.0063	0.0002	3.89	0.0061	0.0064
Mo2020	202.030 {4	Y_2243	ppm	0.0118	0.0086	72.7	0.0057	0.0179

Na5895	589.592 { 5	Y_3710	ppm	57.24	1.216	2.125	56.38	58.1
Na8183	818.326 { 4	Y_3710	ppm	58.88	0.0964	0.1637	58.95	58.82
Ni2316	231.604 {4	In2306	ppm	0.0079	0.0072	90.74	0.0028	0.013
P_1782	178.284 {4	In2306	ppm	0.4488	0.0169	3.768	0.4368	0.4607
Pb2203	220.353 {4	In2306	ppm	0.0049	0.0046	93.65	0.0017	0.0082
S_1820	182.034 {4	Y_2243	ppm	-2136	38.88	1.821	-2108	-2163
Sb2068	206.833 {4	Y_2243	ppm	0.0166	0.0094	56.89	0.0099	0.0232
Se1960	196.090 {4	Y_2243	ppm	0.0034	0.0037	110.2	0.0007	0.006
Si2516	251.611 {1	Y_3710	ppm	1.56	0.022	1.413	1.576	1.545
Sn1899	189.989 {4	In2306	ppm	0.0074	0.0083	111.5	0.0016	0.0132
Sr4215	421.552 { 8	Y_3710	ppm	0.1652	0.0005	0.2757	0.1655	0.1648
Ti3349	334.904 {1	Y_3600	ppm	0.0019	0	1.171	0.0019	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0042	0.0044	103.3	0.0011	0.0073
V_2924	292.402 {1	Y_3600	ppm	0.0014	0.0005	35.94	0.001	0.0017
Zn2062	206.200 {4	In2306	ppm	0.0217	0.0074	34.32	0.0164	0.0269

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.409	1.177	1.9166	60.577	62.241
In2306	230.606 {4	Cts/S	9236	29.257	0.31678	9256.7	9215.3
Y_2243	224.306 {4	Cts/S	12240	22.563	0.18433	12256	12224
Y_3600	360.073 { 9	Cts/S	48519	325.5	0.67088	48289	48749
Y_3710	371.030 { 9	Cts/S	8513.4	4.1606	0.04887	8510.5	8516.4

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Custom ID3=
Run Time=1/25/2012 9:03:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0002	33.89	0.0006	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0524	0.0104	19.79	-0.0597	-0.0451
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0008	296.3	0.0008	-0.0003
B_2496	249.678 {1	Y_3710	ppm	0	0.001	3552	-0.0007	0.0008
Ba4554	455.403 { 7	Y_3710	ppm	-0.0002	0	9.094	-0.0002	-0.0002
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	11.16	-0.0003	-0.0003
Ca3158	315.887 {1	In2306	ppm	-0.0146	0.0069	47.51	-0.0195	-0.0097
Ca3181	318.128 {1	In2306	ppm	0.085	0.0524	61.6	0.1221	0.048
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	57.39	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	57.83	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0002	81.07	0.0005	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0001	10.76	-0.0012	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0315	0.0098	31.15	-0.0246	-0.0385
K_7664	766.490 { 4	Y_3710	ppm	0.0503	0.0155	30.85	0.0613	0.0393
K_7698	769.896 { 4	Y_3710	ppm	-0.2289	0.0066	2.898	-0.2336	-0.2242
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	118.9	0	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0127	0.0123	96.46	-0.0214	-0.0041
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	2.214	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0015	1550	0.0009	-0.0011

Mo2020	202.030 {4	Y_2243	ppm	0.0004	0	9.464	0.0004	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.0716	0.0004	0.5861	0.0719	0.0713
Na8183	818.326 { 4	Y_3710	ppm	-0.0368	0.014	38.05	-0.0269	-0.0466
Ni2316	231.604 {4	In2306	ppm	0	0.0001	237.9	0	0.0001
P_1782	178.284 {4	In2306	ppm	0.0001	0.0002	147.9	0	0.0003
Pb2203	220.353 {4	In2306	ppm	0.0001	0	35.09	0.0001	0.0001
S_1820	182.034 {4	Y_2243	ppm	-3.643	2.014	55.28	-2.219	-5.067
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0009	40.29	0.003	0.0017
Se1960	196.090 {4	Y_2243	ppm	-0.0015	0.0001	8.192	-0.0016	-0.0014
Si2516	251.611 {1	Y_3710	ppm	-0.024	0.0096	40.1	-0.0309	-0.0172
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0001	20.81	-0.0003	-0.0005
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	104.8	-0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0006	303.6	0.0006	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.001	0.0009	86.3	0.0017	0.0004
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	453.4	-0.0002	0.0001
Zn2062	206.200 {4	In2306	ppm	0.0127	0.0003	1.98	0.0125	0.0129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.479	0.2711	0.44096	61.671	61.288
In2306	230.606 {4	Cts/S	10119	24.176	0.23893	10102	10136
Y_2243	224.306 {4	Cts/S	12653	80.292	0.63456	12596	12710
Y_3600	360.073 { 9	Cts/S	46314	58.665	0.12667	46355	46272
Y_3710	371.030 { 9	Cts/S	8534.5	18.91	0.22157	8521.2	8547.9

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:06:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2437	0.0016	0.6634	0.2448	0.2425
Al3082	308.215 {1	In2306	ppm	2.454	0.0684	2.789	2.405	2.502
As1890	189.042 {4	Y_2243	ppm	0.4798	0.0012	0.2558	0.4807	0.479
B_2496	249.678 {1	Y_3710	ppm	0.4785	0.0094	1.974	0.4718	0.4852
Ba4554	455.403 { 7	Y_3710	ppm	0.479	0.0005	0.1041	0.4786	0.4793
Be3130	313.042 {1	Y_3710	ppm	0.4933	0.0021	0.4247	0.4918	0.4948
Ca3158	315.887 {1	In2306	ppm	12.32	0.0414	0.3359	12.29	12.35
Ca3181	318.128 {1	In2306	ppm	12.34	0.1	0.8102	12.27	12.41
Cd2288	228.802 {4	Y_2243	ppm	0.4868	0.0004	0.0724	0.4871	0.4866
Co2286	228.616 {4	In2306	ppm	0.4927	0.0003	0.0557	0.4925	0.4929
Cr2677	267.716 {1	Y_3600	ppm	0.4967	0.0038	0.7611	0.4994	0.4941
Cu3247	324.754 {1	Y_3600	ppm	0.4874	0.0041	0.8514	0.4903	0.4844
Fe2404	240.488 {1	In2306	ppm	2.467	0.0412	1.67	2.496	2.438
K_7664	766.490 { 4	Y_3710	ppm	12.51	0.1464	1.17	12.41	12.61
K_7698	769.896 { 4	Y_3710	ppm	12.63	0.1924	1.524	12.49	12.76
Li6707	670.784 { 5	Y_3710	ppm	0.4896	0.0069	1.417	0.4847	0.4945
Mg2790	279.079 {1	Y_3710	ppm	4.866	0.0081	0.1666	4.86	4.872
Mn2576	257.610 {1	Y_3600	ppm	0.4855	0.0039	0.8038	0.4883	0.4827

Mn2576-2	257.610 {1	Y_3710	ppm	0.4685	0.001	0.2118	0.4692	0.4678
Mo2020	202.030 {4	Y_2243	ppm	0.4877	0.0011	0.2298	0.4885	0.4869
Na5895	589.592 { 5	Y_3710	ppm	12.4	0.1509	1.217	12.29	12.5
Na8183	818.326 { 4	Y_3710	ppm	12.3	0.1055	0.8583	12.22	12.37
Ni2316	231.604 {4	In2306	ppm	0.4813	0	0.0095	0.4812	0.4813
P_1782	178.284 {4	In2306	ppm	-0.0026	0	0.7264	-0.0026	-0.0026
Pb2203	220.353 {4	In2306	ppm	0.484	0.0004	0.0784	0.4837	0.4843
S_1820	182.034 {4	Y_2243	ppm	-44.04	0.066	0.1498	-44.08	-43.99
Sb2068	206.833 {4	Y_2243	ppm	0.4754	0.0019	0.4067	0.4767	0.474
Se1960	196.090 {4	Y_2243	ppm	0.484	0.0001	0.0287	0.4839	0.4841
Si2516	251.611 {1	Y_3710	ppm	0.7834	0.0015	0.1917	0.7845	0.7823
Sn1899	189.989 {4	In2306	ppm	0.5009	0.0006	0.1138	0.5013	0.5005
Sr4215	421.552 { 8	Y_3710	ppm	0.2437	0.0008	0.346	0.2431	0.2443
Ti3349	334.904 {1	Y_3600	ppm	0.5068	0.0062	1.216	0.5111	0.5024
Tl1908	190.856 {4	In2306	ppm	0.5005	0.0047	0.9449	0.5038	0.4972
V_2924	292.402 {1	Y_3600	ppm	0.5077	0.0056	1.113	0.5117	0.5037
Zn2062	206.200 {4	In2306	ppm	0.4898	0.0007	0.1406	0.4893	0.4903

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.88	0.62471	1.0096	62.321	61.438
In2306	230.606 {4	Cts/S	9533.3	1.7071	0.01791	9534.5	9532.1
Y_2243	224.306 {4	Cts/S	12536	17.4	0.1388	12524	12549
Y_3600	360.073 { 9	Cts/S	47223	328.96	0.69661	46990	47456
Y_3710	371.030 { 9	Cts/S	8570.2	53.523	0.62452	8608	8532.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0055	0.0002	3.299	0.0053	0.0056
Al3082	308.215 {1	In2306	ppm	0.0574	0.0178	31.05	0.07	0.0448
As1890	189.042 {4	Y_2243	ppm	0.0099	0.0016	16	0.0087	0.011
B_2496	249.678 {1	Y_3710	ppm	0.0047	0.0005	10.98	0.0051	0.0043
Ba4554	455.403 { 7	Y_3710	ppm	0.0098	0	0.2365	0.0098	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	3.219	0.0046	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1052	0.0082	7.751	0.0995	0.111
Ca3181	318.128 {1	In2306	ppm	0.1755	0.019	10.83	0.189	0.1621
Cd2288	228.802 {4	Y_2243	ppm	0.0063	0.002	31.98	0.0049	0.0078
Co2286	228.616 {4	In2306	ppm	0.0115	0.0022	18.87	0.0099	0.013
Cr2677	267.716 {1	Y_3600	ppm	0.0096	0.0002	1.699	0.0095	0.0097
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0004	4.547	0.0088	0.0083
Fe2404	240.488 {1	In2306	ppm	0.0709	0.0169	23.86	0.0829	0.059
K_7664	766.490 { 4	Y_3710	ppm	0.6615	0.0022	0.3378	0.6631	0.6599
K_7698	769.896 { 4	Y_3710	ppm	0.4322	0.0114	2.636	0.4403	0.4242
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0005	4.604	0.0105	0.0098
Mg2790	279.079 {1	Y_3710	ppm	0.0352	0.018	51.04	0.0225	0.0479

Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	0.6	0.0102	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0103	0.0013	12.31	0.0094	0.0112
Mo2020	202.030 {4	Y_2243	ppm	0.013	0.0028	21.79	0.011	0.015
Na5895	589.592 { 5	Y_3710	ppm	0.7069	0.0079	1.118	0.7125	0.7013
Na8183	818.326 { 4	Y_3710	ppm	0.6149	0.0304	4.942	0.5934	0.6364
Ni2316	231.604 {4	In2306	ppm	0.0113	0.0024	20.87	0.0096	0.013
P_1782	178.284 {4	In2306	ppm	0.0105	0.0001	0.5112	0.0106	0.0105
Pb2203	220.353 {4	In2306	ppm	0.0109	0.0022	20.09	0.0093	0.0124
S_1820	182.034 {4	Y_2243	ppm	-1.229	0.0112	0.9145	-1.236	-1.221
Sb2068	206.833 {4	Y_2243	ppm	0.0184	0.0022	11.99	0.0168	0.02
Se1960	196.090 {4	Y_2243	ppm	0.0104	0.0014	13.36	0.0094	0.0114
Si2516	251.611 {1	Y_3710	ppm	-0.0108	0.0081	75.25	-0.0165	-0.0051
Sn1899	189.989 {4	In2306	ppm	0.012	0.0025	20.97	0.0102	0.0137
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0.0001	2.439	0.0048	0.005
Ti3349	334.904 {1	Y_3600	ppm	0.0101	0.0008	7.696	0.0107	0.0096
Tl1908	190.856 {4	In2306	ppm	0.0154	0.0041	26.66	0.0125	0.0183
V_2924	292.402 {1	Y_3600	ppm	0.0102	0.0002	1.785	0.0103	0.0101
Zn2062	206.200 {4	In2306	ppm	0.0101	0.0021	21.05	0.0086	0.0116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.253	0.2981	0.47128	63.464	63.043
In2306	230.606 {4	Cts/S	10129	18.687	0.18448	10143	10116
Y_2243	224.306 {4	Cts/S	12752	11.896	0.09329	12744	12760
Y_3600	360.073 { 9	Cts/S	46344	63.703	0.13746	46299	46389
Y_3710	371.030 { 9	Cts/S	8641.6	12.069	0.13966	8633	8650.1

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0007	94.08	0.0002	0.0012
Al3082	308.215 {1	In2306	ppm	-0.048	0.0085	17.8	-0.054	-0.0419
As1890	189.042 {4	Y_2243	ppm	-0.0012	0	2.723	-0.0012	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0009	0.0014	154.5	0.0001	-0.0019
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0.0001	122.6	0	-0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	258.8	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0021	0.0138	655	-0.0077	0.0119
Ca3181	318.128 {1	In2306	ppm	0.1478	0.0358	24.22	0.1731	0.1224
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	266.5	0	0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0003	1027	-0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0005	0.0006	112.6	0.0009	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0014	0.0006	43.22	-0.001	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0076	0.0153	200.4	-0.0185	0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.0235	0.0098	41.5	0.0166	0.0304
K_7698	769.896 { 4	Y_3710	ppm	-0.0076	0.0288	379.3	-0.028	0.0128
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0003	51.25	0.0007	0.0003

Mg2790	279.079 {1	Y_3710	ppm	-0.0477	0.0255	53.4	-0.0658	-0.0297
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0.0001	49.3	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0004	0.0011	297.9	0.0011	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	25.86	0.0004	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0531	0.0002	0.3735	0.0532	0.0529
Na8183	818.326 { 4	Y_3710	ppm	0.1787	0.0173	9.659	0.1665	0.1909
Ni2316	231.604 {4	In2306	ppm	0.0003	0	3.712	0.0002	0.0003
P_1782	178.284 {4	In2306	ppm	0.0005	0.0005	96.79	0.0009	0.0002
Pb2203	220.353 {4	In2306	ppm	0	0.0001	424.7	0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-2.48	0.0119	0.4811	-2.472	-2.489
Sb2068	206.833 {4	Y_2243	ppm	0.0042	0.0002	3.87	0.0041	0.0043
Se1960	196.090 {4	Y_2243	ppm	-0.001	0.0001	7.396	-0.0011	-0.001
Si2516	251.611 {1	Y_3710	ppm	-0.0233	0.0389	167	-0.0507	0.0042
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	43.52	0.0002	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	452.6	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0	0	17.41	-0.0001	0
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0012	86.71	0.0005	0.0022
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0003	126.7	0	-0.0005
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	81.56	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.273	0.19668	0.32099	61.134	61.412
In2306	230.606 {4	Cts/S	10114	18.557	0.18348	10127	10101
Y_2243	224.306 {4	Cts/S	12723	29.156	0.22916	12744	12702
Y_3600	360.073 { 9	Cts/S	45654	207.11	0.45366	45507	45800
Y_3710	371.030 { 9	Cts/S	8478.6	59.397	0.70055	8436.6	8520.6

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5036	0.0044	0.8769	0.5005	0.5067
Al3082	308.215 {1	In2306	ppm	10.16	0.2101	2.068	10.01	10.31
As1890	189.042 {4	Y_2243	ppm	0.9726	0.0008	0.0861	0.9732	0.972
B_2496	249.678 {1	Y_3710	ppm	0.9916	0.009	0.9047	0.998	0.9853
Ba4554	455.403 { 7	Y_3710	ppm	0.9932	0.0053	0.5296	0.9895	0.9969
Be3130	313.042 {1	Y_3710	ppm	0.5022	0.0004	0.0878	0.5025	0.5019
Ca3158	315.887 {1	In2306	ppm	9.859	0.1196	1.213	9.774	9.943
Ca3181	318.128 {1	In2306	ppm	9.82	0.0201	0.2046	9.834	9.806
Cd2288	228.802 {4	Y_2243	ppm	0.4888	0.0017	0.3514	0.49	0.4876
Co2286	228.616 {4	In2306	ppm	0.9936	0.004	0.4019	0.9964	0.9908
Cr2677	267.716 {1	Y_3600	ppm	1.005	0.0014	0.1355	1.004	1.006
Cu3247	324.754 {1	Y_3600	ppm	0.9983	0.0026	0.2614	1	0.9965
Fe2404	240.488 {1	In2306	ppm	9.889	0.0941	0.9516	9.823	9.956
K_7664	766.490 { 4	Y_3710	ppm	10.9	0.2095	1.922	10.75	11.05
K_7698	769.896 { 4	Y_3710	ppm	10.89	0.2135	1.96	10.74	11.04

Li6707	670.784 { 5	Y_3710	ppm	0.5337	0.0107	2.001	0.5261	0.5412
Mg2790	279.079 {1	Y_3710	ppm	9.903	0.0374	0.3781	9.93	9.877
Mn2576	257.610 {1	Y_3600	ppm	0.9901	0.0052	0.5218	0.9864	0.9937
Mn2576-2	257.610 {1	Y_3710	ppm	0.9597	0.0029	0.2989	0.9617	0.9577
Mo2020	202.030 {4	Y_2243	ppm	0.9818	0.0023	0.2293	0.9833	0.9802
Na5895	589.592 { 5	Y_3710	ppm	10.8	0.1878	1.739	10.67	10.93
Na8183	818.326 { 4	Y_3710	ppm	10.39	0.0336	0.3231	10.37	10.41
Ni2316	231.604 {4	In2306	ppm	0.9687	0.0031	0.3173	0.9709	0.9665
P_1782	178.284 {4	In2306	ppm	-0.0012	0.0008	69.42	-0.0006	-0.0017
Pb2203	220.353 {4	In2306	ppm	0.9759	0.0047	0.485	0.9792	0.9725
S_1820	182.034 {4	Y_2243	ppm	-0.6693	0.0155	2.312	-0.6802	-0.6583
Sb2068	206.833 {4	Y_2243	ppm	0.9518	0.0028	0.2938	0.9538	0.9498
Se1960	196.090 {4	Y_2243	ppm	0.9784	0.0012	0.1197	0.9792	0.9776
Si2516	251.611 {1	Y_3710	ppm	0.8446	0.0106	1.25	0.8371	0.852
Sn1899	189.989 {4	In2306	ppm	1.009	0.0082	0.8158	1.015	1.003
Sr4215	421.552 { 8	Y_3710	ppm	0.4961	0.0021	0.4171	0.4946	0.4976
Ti3349	334.904 {1	Y_3600	ppm	1.022	0.0064	0.6291	1.017	1.026
Tl1908	190.856 {4	In2306	ppm	1.001	0.0142	1.42	1.011	0.991
V_2924	292.402 {1	Y_3600	ppm	1.022	0.0048	0.4666	1.018	1.025
Zn2062	206.200 {4	In2306	ppm	0.9806	0.0038	0.3868	0.9833	0.9779

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.322	1.2614	2.024	63.214	61.43
In2306	230.606 {4	Cts/S	9513.1	5.6653	0.05955	9517.1	9509.1
Y_2243	224.306 {4	Cts/S	12577	28.92	0.22994	12598	12557
Y_3600	360.073 { 9	Cts/S	47176	203.78	0.43195	47320	47032
Y_3710	371.030 { 9	Cts/S	8583.6	32.841	0.38261	8606.8	8560.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	245.2	-0.0003	0.0001
Al3082	308.215 {1	In2306	ppm	0.1188	0.0479	40.3	0.1527	0.085
As1890	189.042 {4	Y_2243	ppm	0.01	0.0048	47.78	0.0066	0.0133
B_2496	249.678 {1	Y_3710	ppm	0.2814	0.0134	4.745	0.272	0.2909
Ba4554	455.403 { 7	Y_3710	ppm	0.1067	0.0001	0.07	0.1067	0.1066
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	106	0	0.0001
Ca3158	315.887 {1	In2306	ppm	62.33	2.296	3.683	63.95	60.71
Ca3181	318.128 {1	In2306	ppm	63.19	1.874	2.966	64.52	61.87
Cd2288	228.802 {4	Y_2243	ppm	0.0021	0.0028	132.9	0.0001	0.0041
Co2286	228.616 {4	In2306	ppm	0.0055	0.0061	110.7	0.0012	0.0099
Cr2677	267.716 {1	Y_3600	ppm	0.0029	0.0007	22.49	0.0034	0.0025
Cu3247	324.754 {1	Y_3600	ppm	0.0073	0.0001	1.709	0.0072	0.0074
Fe2404	240.488 {1	In2306	ppm	0.274	0.003	1.106	0.2761	0.2718
K_7664	766.490 { 4	Y_3710	ppm	15.23	0.6289	4.13	14.78	15.67

K_7698	769.896 { 4	Y_3710	ppm	15.44	0.6915	4.479	14.95	15.93
Li6707	670.784 { 5	Y_3710	ppm	0.0209	0.0009	4.504	0.0203	0.0216
Mg2790	279.079 {1	Y_3710	ppm	8.152	0.0554	0.679	8.192	8.113
Mn2576	257.610 {1	Y_3600	ppm	0.0224	0.0002	0.8271	0.0225	0.0223
Mn2576-2	257.610 {1	Y_3710	ppm	0.0243	0.0021	8.72	0.0228	0.0258
Mo2020	202.030 {4	Y_2243	ppm	0.0168	0.0066	39.49	0.0121	0.0215
Na5895	589.592 { 5	Y_3710	ppm	180.9	11.49	6.351	172.8	189
Na8183	818.326 { 4	Y_3710	ppm	196.6	2.692	1.369	194.7	198.5
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0059	57.84	0.006	0.0143
P_1782	178.284 {4	In2306	ppm	1.951	0.0259	1.329	1.97	1.933
Pb2203	220.353 {4	In2306	ppm	0.0043	0.0054	126.1	0.0005	0.0081
S_1820	182.034 {4	Y_2243	ppm	-2578	14.55	0.5643	-2588	-2567
Sb2068	206.833 {4	Y_2243	ppm	0.0182	0.0045	24.96	0.015	0.0214
Se1960	196.090 {4	Y_2243	ppm	0.0043	0.0042	97.11	0.0014	0.0073
Si2516	251.611 {1	Y_3710	ppm	5.845	0.055	0.9405	5.807	5.884
Sn1899	189.989 {4	In2306	ppm	0.0066	0.0076	116.1	0.0012	0.0119
Sr4215	421.552 { 8	Y_3710	ppm	0.4788	0.0011	0.2396	0.478	0.4796
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0003	15.8	0.0018	0.0014
Tl1908	190.856 {4	In2306	ppm	0.01	0.0077	76.7	0.0046	0.0154
V_2924	292.402 {1	Y_3600	ppm	0.0049	0	0.4421	0.005	0.0049
Zn2062	206.200 {4	In2306	ppm	0.5736	0.0006	0.0966	0.5732	0.574

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.42	0.80801	1.3598	58.849	59.991
In2306	230.606 {4	Cts/S	8535.2	16.34	0.19144	8523.7	8546.8
Y_2243	224.306 {4	Cts/S	11773	11.672	0.09914	11765	11781
Y_3600	360.073 { 9	Cts/S	48487	29.266	0.06036	48508	48467
Y_3710	371.030 { 9	Cts/S	8262.2	64.178	0.77676	8307.6	8216.8

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Run Time=1/25/2012 9:19:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0006	89.15	0.0003	0.0011
Al3082	308.215 {1	In2306	ppm	1.993	0.0105	0.5287	1.986	2.001
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0001	5.977	0.0017	0.0019
B_2496	249.678 {1	Y_3710	ppm	0.0714	0.0065	9.13	0.0668	0.076
Ba4554	455.403 { 7	Y_3710	ppm	0.0772	0.0002	0.2302	0.0771	0.0773
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	700.2	-0.0001	0
Ca3158	315.887 {1	In2306	ppm	10.87	0.0695	0.6393	10.92	10.82
Ca3181	318.128 {1	In2306	ppm	10.91	0.0266	0.2436	10.89	10.93
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	1379	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0011	0.0003	25.43	0.0009	0.0013
Cr2677	267.716 {1	Y_3600	ppm	0.004	0.0003	6.628	0.0042	0.0038
Cu3247	324.754 {1	Y_3600	ppm	0.0288	0.0002	0.7685	0.029	0.0286
Fe2404	240.488 {1	In2306	ppm	1.73	0.0103	0.5962	1.722	1.737

K_7664	766.490 { 4	Y_3710	ppm	7.94	0.0383	0.4823	7.913	7.967
K_7698	769.896 { 4	Y_3710	ppm	7.792	0.0643	0.8257	7.747	7.838
Li6707	670.784 { 5	Y_3710	ppm	0.0043	0.0002	4.582	0.0045	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.525	0.0257	1.019	2.507	2.543
Mn2576	257.610 {1	Y_3600	ppm	0.0319	0.0002	0.6162	0.0317	0.032
Mn2576-2	257.610 {1	Y_3710	ppm	0.0308	0.0002	0.5855	0.0309	0.0306
Mo2020	202.030 {4	Y_2243	ppm	0.0021	0.0005	21.53	0.0018	0.0025
Na5895	589.592 { 5	Y_3710	ppm	33.7	0.1369	0.4063	33.6	33.79
Na8183	818.326 { 4	Y_3710	ppm	31.84	0.2098	0.659	31.69	31.99
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0002	14.04	0.0014	0.0017
P_1782	178.284 {4	In2306	ppm	0.2586	0.0142	5.476	0.2486	0.2686
Pb2203	220.353 {4	In2306	ppm	0.0023	0.0003	14.87	0.0025	0.0021
S_1820	182.034 {4	Y_2243	ppm	-302.4	13.64	4.509	-292.8	-312.1
Sb2068	206.833 {4	Y_2243	ppm	0.0031	0.0011	36.92	0.0023	0.0039
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0014	122.5	-0.0021	-0.0002
Si2516	251.611 {1	Y_3710	ppm	3.618	0.0127	0.3501	3.609	3.627
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0006	363.8	-0.0006	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0815	0.0003	0.3939	0.0813	0.0818
Ti3349	334.904 {1	Y_3600	ppm	0.0127	0.0002	1.345	0.0126	0.0128
Tl1908	190.856 {4	In2306	ppm	0.0022	0.0017	76.55	0.001	0.0035
V_2924	292.402 {1	Y_3600	ppm	0.0054	0.0007	12.36	0.0059	0.005
Zn2062	206.200 {4	In2306	ppm	0.0303	0.0042	13.79	0.0273	0.0333

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.091	0.0489	0.07876	62.057	62.126
In2306	230.606 {4	Cts/S	9488.5	27.024	0.28481	9507.6	9469.4
Y_2243	224.306 {4	Cts/S	12482	41.408	0.33173	12512	12453
Y_3600	360.073 { 9	Cts/S	47218	17.323	0.03669	47230	47205
Y_3710	371.030 { 9	Cts/S	8415.7	26.698	0.31724	8396.8	8434.6

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Custom ID3=
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Sample Type=Unk
Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	73.08	-0.0001	-0.0004
Al3082	308.215 {1	In2306	ppm	0.4085	0.0161	3.947	0.4199	0.3971
As1890	189.042 {4	Y_2243	ppm	0.0067	0.0011	16.52	0.0075	0.006
B_2496	249.678 {1	Y_3710	ppm	0.1382	0.0104	7.547	0.1308	0.1456
Ba4554	455.403 { 7	Y_3710	ppm	0.1673	0.0007	0.4329	0.1668	0.1678
Be3130	313.042 {1	Y_3710	ppm	-0.0005	0.0001	10.79	-0.0005	-0.0006
Ca3158	315.887 {1	In2306	ppm	51.01	0.1066	0.2089	50.94	51.09
Ca3181	318.128 {1	In2306	ppm	51.03	0.143	0.2803	50.93	51.13
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	129.8	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0001	22.31	0.0006	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0	1.552	0.0016	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0059	0.0001	1.115	0.0058	0.0059

Fe2404	240.488 {1	In2306	ppm	0.3722	0.0057	1.544	0.3762	0.3681
K_7664	766.490 { 4	Y_3710	ppm	9.028	0.051	0.5654	8.992	9.064
K_7698	769.896 { 4	Y_3710	ppm	8.982	0.033	0.3678	8.959	9.005
Li6707	670.784 { 5	Y_3710	ppm	0.0142	0.0001	0.6407	0.0142	0.0141
Mg2790	279.079 {1	Y_3710	ppm	8.434	0.0291	0.3453	8.414	8.455
Mn2576	257.610 {1	Y_3600	ppm	0.0543	0.0004	0.799	0.0546	0.054
Mn2576-2	257.610 {1	Y_3710	ppm	0.054	0.001	1.816	0.0533	0.0547
Mo2020	202.030 {4	Y_2243	ppm	0.148	0.0004	0.2632	0.1483	0.1477
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	59.15
Na8183	818.326 { 4	Y_3710	ppm	59.33	0.1581	0.2665	59.21	59.44
Ni2316	231.604 {4	In2306	ppm	0.1845	0.0011	0.5746	0.1852	0.1837
P_1782	178.284 {4	In2306	ppm	0.0949	0.0005	0.5462	0.0945	0.0952
Pb2203	220.353 {4	In2306	ppm	0.0014	0.0007	47.35	0.0019	0.0009
S_1820	182.034 {4	Y_2243	ppm	-1818	1.846	0.1015	-1819	-1817
Sb2068	206.833 {4	Y_2243	ppm	0.0047	0.001	20.95	0.0054	0.004
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0004	51.56	0.0005	0.0011
Si2516	251.611 {1	Y_3710	ppm	2.374	0.0156	0.6568	2.363	2.385
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0005	108.2	-0.0001	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.4138	0.0002	0.0518	0.414	0.4137
Ti3349	334.904 {1	Y_3600	ppm	0.0059	0.0007	11.4	0.0063	0.0054
Tl1908	190.856 {4	In2306	ppm	-0.0016	0.0009	54.74	-0.0022	-0.001
V_2924	292.402 {1	Y_3600	ppm	8.386	0.0149	0.1772	8.397	8.376
Zn2062	206.200 {4	In2306	ppm	0.0623	0.0004	0.6153	0.0621	0.0626

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.524	0.38546	0.62652	61.797	61.251
In2306	230.606 {4	Cts/S	9005.8	11.528	0.128	8997.7	9014
Y_2243	224.306 {4	Cts/S	12010	26.852	0.22358	11991	12029
Y_3600	360.073 { 9	Cts/S	47696	139.01	0.29146	47794	47597
Y_3710	371.030 { 9	Cts/S	8544	2.5927	0.03035	8545.8	8542.2

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0007	384.9	0.0003	-0.0007
Al3082	308.215 {1	In2306	ppm	-0.0091	0.0157	171.8	-0.0202	0.002
As1890	189.042 {4	Y_2243	ppm	-0.0015	0.001	65.27	-0.0022	-0.0008
B_2496	249.678 {1	Y_3710	ppm	-0.0025	0.0062	252.9	0.0019	-0.0068
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	10.25	0.0008	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	496.9	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.4622	0.0028	0.6158	0.4602	0.4642
Ca3181	318.128 {1	In2306	ppm	0.5128	0.0255	4.978	0.5309	0.4948
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	28.45	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0001	690.8	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0011	0.0008	74.21	0.0017	0.0005

Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0003	23.35	-0.0013	-0.0009
Fe2404	240.488 {1	In2306	ppm	0.0228	0.0001	0.5514	0.0229	0.0227
K_7664	766.490 { 4	Y_3710	ppm	0.0492	0.0032	6.526	0.0469	0.0514
K_7698	769.896 { 4	Y_3710	ppm	-0.2085	0.0045	2.159	-0.2053	-0.2117
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	34.53	0.0006	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0238	0.0178	74.69	0.0363	0.0112
Mn2576	257.610 {1	Y_3600	ppm	0.0026	0.0001	4.517	0.0027	0.0025
Mn2576-2	257.610 {1	Y_3710	ppm	0.0019	0.0006	29.55	0.0023	0.0015
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0023	93.35	0.0008	0.0041
Na5895	589.592 { 5	Y_3710	ppm	0.0776	0.0003	0.3919	0.0778	0.0774
Na8183	818.326 { 4	Y_3710	ppm	-0.0286	0.0642	224.6	0.0168	-0.074
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0027	76.03	0.0017	0.0055
P_1782	178.284 {4	In2306	ppm	0.003	0.0013	42.84	0.0021	0.0039
Pb2203	220.353 {4	In2306	ppm	0.0016	0.0007	44.96	0.0021	0.0011
S_1820	182.034 {4	Y_2243	ppm	-17.07	19.56	114.6	-3.241	-30.9
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0005	31.39	0.0019	0.0012
Se1960	196.090 {4	Y_2243	ppm	0	0.0009	4116	-0.0006	0.0006
Si2516	251.611 {1	Y_3710	ppm	0.0457	0.0121	26.46	0.0543	0.0372
Sn1899	189.989 {4	In2306	ppm	0.0075	0.0007	9.817	0.008	0.007
Sr4215	421.552 { 8	Y_3710	ppm	0.002	0	1.986	0.0019	0.002
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0006	108.6	0.001	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0008	97.7	0.0013	0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0004	125.7	0	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0036	0.0007	19.97	0.0031	0.0041

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.839	0.3283	0.52244	63.071	62.607
In2306	230.606 {4	Cts/S	10105	31.023	0.30701	10127	10083
Y_2243	224.306 {4	Cts/S	12720	11.931	0.0938	12728	12712
Y_3600	360.073 { 9	Cts/S	45535	377.32	0.82864	45269	45802
Y_3710	371.030 { 9	Cts/S	8613.7	35.179	0.4084	8638.6	8588.8

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Run Time=1/25/2012 9:27:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	130.8	0	0.0007
Al3082	308.215 {1	In2306	ppm	2.654	0.0165	0.6231	2.665	2.642
As1890	189.042 {4	Y_2243	ppm	0.0008	0.001	122.8	0.0015	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0255	0.0158	62.08	0.0366	0.0143
Ba4554	455.403 { 7	Y_3710	ppm	0.0586	0.0001	0.1636	0.0585	0.0586
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0002	99.37	0.0003	0
Ca3158	315.887 {1	In2306	ppm	66.16	1.163	1.757	66.98	65.33
Ca3181	318.128 {1	In2306	ppm	66.2	0.8058	1.217	66.77	65.63
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	17.37	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.0011	0.0001	6.56	0.0012	0.0011

Cr2677	267.716 {1	Y_3600	ppm	0.01	0.0001	0.579	0.01	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.0102	0.0005	5.249	0.0105	0.0098
Fe2404	240.488 {1	In2306	ppm	2.594	0.0615	2.373	2.637	2.55
K_7664	766.490 { 4	Y_3710	ppm	12.65	0.0328	0.2591	12.63	12.68
K_7698	769.896 { 4	Y_3710	ppm	12.77	0.0259	0.2028	12.79	12.75
Li6707	670.784 { 5	Y_3710	ppm	0.0054	0	0.1627	0.0054	0.0054
Mg2790	279.079 {1	Y_3710	ppm	6.979	0.0073	0.1041	6.984	6.974
Mn2576	257.610 {1	Y_3600	ppm	0.1404	0.0002	0.1208	0.1406	0.1403
Mn2576-2	257.610 {1	Y_3710	ppm	0.1355	0.0011	0.7813	0.1363	0.1348
Mo2020	202.030 {4	Y_2243	ppm	0.0032	0.0001	1.771	0.0032	0.0031
Na5895	589.592 { 5	Y_3710	ppm	39.26	0.1386	0.3531	39.16	39.36
Na8183	818.326 { 4	Y_3710	ppm	37.69	0.0041	0.011	37.68	37.69
Ni2316	231.604 {4	In2306	ppm	0.0051	0.0001	2.718	0.005	0.0052
P_1782	178.284 {4	In2306	ppm	3.612	0.0227	0.6277	3.628	3.596
Pb2203	220.353 {4	In2306	ppm	0.0048	0.0006	12.83	0.0052	0.0043
S_1820	182.034 {4	Y_2243	ppm	-262.5	0.9698	0.3694	-263.2	-261.8
Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.0023	123.3	0.0002	0.0035
Se1960	196.090 {4	Y_2243	ppm	-0.0008	0.0007	86.12	-0.0013	-0.0003
Si2516	251.611 {1	Y_3710	ppm	7.683	0.0361	0.4696	7.708	7.657
Sn1899	189.989 {4	In2306	ppm	0.0011	0.0002	16.72	0.0009	0.0012
Sr4215	421.552 { 8	Y_3710	ppm	0.1564	0.0002	0.1261	0.1563	0.1565
Ti3349	334.904 {1	Y_3600	ppm	0.0331	0.0001	0.2491	0.0331	0.033
Tl1908	190.856 {4	In2306	ppm	0.002	0.0009	44.25	0.0026	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0147	0.0002	1.042	0.0146	0.0148
Zn2062	206.200 {4	In2306	ppm	0.1182	0.0001	0.1004	0.1183	0.1181

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.457	0.8178	1.3307	60.879	62.036
In2306	230.606 {4	Cts/S	9025.4	0.24649	0.00273	9025.2	9025.5
Y_2243	224.306 {4	Cts/S	12166	29.488	0.24237	12146	12187
Y_3600	360.073 { 9	Cts/S	47250	99.884	0.21139	47179	47321
Y_3710	371.030 { 9	Cts/S	8315.1	1.1428	0.01374	8315.9	8314.3

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Custom ID3=
Run Time=1/25/2012 9:29:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0003	148.3	-0.0004	0
Al3082	308.215 {1	In2306	ppm	0.0368	0.0579	157.4	-0.0042	0.0777
As1890	189.042 {4	Y_2243	ppm	0	0.0001	514.6	-0.0001	0.0001
B_2496	249.678 {1	Y_3710	ppm	0.0191	0.0053	27.65	0.0154	0.0228
Ba4554	455.403 { 7	Y_3710	ppm	0.0198	0.0001	0.5524	0.0198	0.0197
Be3130	313.042 {1	Y_3710	ppm	0	0	20.61	0	0
Ca3158	315.887 {1	In2306	ppm	13.99	0.3094	2.212	13.77	14.21
Ca3181	318.128 {1	In2306	ppm	14.2	0.3547	2.499	13.95	14.45
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	83.4	-0.0001	0

Co2286	228.616 {4	In2306	ppm	0.0003	0	3.865	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0.0003	119.2	0.0005	0
Cu3247	324.754 {1	Y_3600	ppm	0.0016	0.0005	33.92	0.0019	0.0012
Fe2404	240.488 {1	In2306	ppm	0.0301	0.0095	31.68	0.0368	0.0233
K_7664	766.490 { 4	Y_3710	ppm	8.749	0.1908	2.181	8.884	8.614
K_7698	769.896 { 4	Y_3710	ppm	8.688	0.1933	2.225	8.825	8.552
Li6707	670.784 { 5	Y_3710	ppm	0.0018	0.0002	13.19	0.002	0.0016
Mg2790	279.079 {1	Y_3710	ppm	3.319	0.0004	0.0125	3.319	3.318
Mn2576	257.610 {1	Y_3600	ppm	0.0138	0.0002	1.391	0.014	0.0137
Mn2576-2	257.610 {1	Y_3710	ppm	0.0139	0.0008	6.086	0.0133	0.0145
Mo2020	202.030 {4	Y_2243	ppm	0.0022	0.0001	5.857	0.0023	0.0022
Na5895	589.592 { 5	Y_3710	ppm	27.73	0.5724	2.064	28.14	27.33
Na8183	818.326 { 4	Y_3710	ppm	26.51	0.1675	0.6316	26.63	26.39
Ni2316	231.604 {4	In2306	ppm	0.0009	0	3.885	0.0009	0.0009
P_1782	178.284 {4	In2306	ppm	2.307	0.0003	0.0111	2.307	2.307
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	44.86	0.0002	0.0004
S_1820	182.034 {4	Y_2243	ppm	-186.7	0.0016	0.0009	-186.7	-186.7
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0013	57.82	0.0032	0.0013
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0028	433.4	-0.0026	0.0013
Si2516	251.611 {1	Y_3710	ppm	1.934	0.0175	0.9071	1.922	1.947
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0002	55.26	-0.0002	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0658	0.0004	0.676	0.0655	0.0662
Ti3349	334.904 {1	Y_3600	ppm	0.0002	0.0003	113.4	0.0004	0
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0001	5.667	0.0016	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.0044	0.0002	4.79	0.0045	0.0042
Zn2062	206.200 {4	In2306	ppm	0.0132	0.0006	4.497	0.0128	0.0137

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.277	1.2493	2.0387	62.161	60.394
In2306	230.606 {4	Cts/S	9488.8	20.546	0.21653	9474.2	9503.3
Y_2243	224.306 {4	Cts/S	12418	32.842	0.26447	12395	12442
Y_3600	360.073 { 9	Cts/S	46760	144.04	0.30804	46862	46658
Y_3710	371.030 { 9	Cts/S	8490.5	15.081	0.17762	8501.1	8479.8

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:32:20
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0011	243.5	0.0012	-0.0003
Al3082	308.215 {1	In2306	ppm	0.0503	0.0251	49.83	0.0326	0.068
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0015	1006	0.0009	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0076	0.009	118.4	-0.0012	-0.0139
Ba4554	455.403 { 7	Y_3710	ppm	0.009	0.0001	0.6465	0.0089	0.009
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	321.1	-0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	5.803	0.0387	0.667	5.83	5.775
Ca3181	318.128 {1	In2306	ppm	5.953	0.0731	1.228	6.005	5.901

Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	14.28	-0.0001	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0003	0	16.12	0.0003	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0	3.543	0.0004	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0001	0.0001	186.3	-0.0002	0
Fe2404	240.488 {1	In2306	ppm	0.3122	0.01	3.191	0.3051	0.3192
K_7664	766.490 { 4	Y_3710	ppm	0.7137	0.0025	0.3459	0.7155	0.712
K_7698	769.896 { 4	Y_3710	ppm	0.4546	0.007	1.545	0.4596	0.4497
Li6707	670.784 { 5	Y_3710	ppm	0.0009	0.0002	21.76	0.0011	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.1389	0.0009	0.6271	0.1382	0.1395
Mn2576	257.610 {1	Y_3600	ppm	0.0064	0	0.1381	0.0064	0.0064
Mn2576-2	257.610 {1	Y_3710	ppm	0.0061	0.0007	12.31	0.0055	0.0066
Mo2020	202.030 {4	Y_2243	ppm	0.0014	0.0002	17.15	0.0016	0.0013
Na5895	589.592 { 5	Y_3710	ppm	0.821	0.0007	0.0881	0.8205	0.8215
Na8183	818.326 { 4	Y_3710	ppm	0.9201	0.0436	4.743	0.951	0.8893
Ni2316	231.604 {4	In2306	ppm	0.0032	0.0001	3.272	0.0032	0.0033
P_1782	178.284 {4	In2306	ppm	0.0593	0.0432	72.73	0.0288	0.0899
Pb2203	220.353 {4	In2306	ppm	0.0007	0	4.874	0.0007	0.0007
S_1820	182.034 {4	Y_2243	ppm	-23.53	2.591	11.01	-21.7	-25.36
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0003	13.5	0.0021	0.0025
Se1960	196.090 {4	Y_2243	ppm	-0.0001	0.0008	767.4	0.0004	-0.0006
Si2516	251.611 {1	Y_3710	ppm	0.3857	0.0024	0.6263	0.384	0.3874
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	10.4	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0179	0.0001	0.3679	0.0179	0.0178
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0.0008	31.02	0.003	0.0019
Tl1908	190.856 {4	In2306	ppm	0.0011	0.0001	8.898	0.001	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0.0003	68.3	-0.0005	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0297	0.0005	1.645	0.03	0.0293

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.142	0.02305	0.03709	62.158	62.125
In2306	230.606 {4	Cts/S	10031	23.448	0.23376	10048	10015
Y_2243	224.306 {4	Cts/S	12746	28.117	0.22059	12766	12726
Y_3600	360.073 { 9	Cts/S	45704	49.034	0.10729	45669	45739
Y_3710	371.030 { 9	Cts/S	8614.1	35.964	0.4175	8639.5	8588.6

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0004	179.9	-0.0005	0.0001
Al3082	308.215 {1	In2306	ppm	0.1225	0.01	8.152	0.1155	0.1296
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0003	25.19	0.001	0.0014
B_2496	249.678 {1	Y_3710	ppm	0.0219	0.0007	3.066	0.0215	0.0224
Ba4554	455.403 { 7	Y_3710	ppm	0.0138	0	0.13	0.0138	0.0137
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	8.435	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	11.53	0.0307	0.2663	11.55	11.5

Ca3181	318.128 {1	In2306	ppm	11.74	0.0972	0.8278	11.81	11.67
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	33.11	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	28.53	0.0002	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0003	25.64	0.001	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.0039	0.0004	9.58	0.0042	0.0036
Fe2404	240.488 {1	In2306	ppm	0.2736	0.0195	7.12	0.2874	0.2599
K_7664	766.490 { 4	Y_3710	ppm	4.674	0.0701	1.501	4.624	4.723
K_7698	769.896 { 4	Y_3710	ppm	4.469	0.0371	0.8302	4.443	4.495
Li6707	670.784 { 5	Y_3710	ppm	0.0034	0.0002	4.372	0.0035	0.0033
Mg2790	279.079 {1	Y_3710	ppm	0.3749	0.005	1.332	0.3713	0.3784
Mn2576	257.610 {1	Y_3600	ppm	0.0077	0.0002	2.544	0.0078	0.0075
Mn2576-2	257.610 {1	Y_3710	ppm	0.0064	0	0.6207	0.0064	0.0064
Mo2020	202.030 {4	Y_2243	ppm	0.0037	0.0001	1.869	0.0037	0.0036
Na5895	589.592 { 5	Y_3710	ppm	4.452	0.0859	1.93	4.392	4.513
Na8183	818.326 { 4	Y_3710	ppm	4.197	0.046	1.096	4.164	4.229
Ni2316	231.604 {4	In2306	ppm	0.0017	0.0002	10.29	0.0016	0.0018
P_1782	178.284 {4	In2306	ppm	0.0327	0.0039	11.95	0.0299	0.0355
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0006	91.09	0.0011	0.0002
S_1820	182.034 {4	Y_2243	ppm	-76.43	1.268	1.659	-77.32	-75.53
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.0004	56.43	0.001	0.0004
Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0004	38.7	-0.0007	-0.0012
Si2516	251.611 {1	Y_3710	ppm	1.036	0.0049	0.4698	1.039	1.032
Sn1899	189.989 {4	In2306	ppm	-0.0001	0.0002	208.4	0	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0452	0.0002	0.3408	0.045	0.0453
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0004	39.4	0.0012	0.0007
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0004	94.4	-0.0008	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0012	0.0002	14.87	0.0013	0.0011
Zn2062	206.200 {4	In2306	ppm	0.0651	0.0006	0.8911	0.0655	0.0647

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.632	0.09325	0.1538	60.698	60.566
In2306	230.606 {4	Cts/S	9822	34.504	0.35129	9797.6	9846.4
Y_2243	224.306 {4	Cts/S	12517	75.953	0.60681	12463	12570
Y_3600	360.073 { 9	Cts/S	46011	74.499	0.16192	45958	46064
Y_3710	371.030 { 9	Cts/S	8437.8	3.7361	0.04428	8435.2	8440.4

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	43.94	0.0004	0.0002
Al3082	308.215 {1	In2306	ppm	0.2015	0.002	0.9836	0.2029	0.2001
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0002	31.22	0.0006	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.8464	0.018	2.132	0.8336	0.8591
Ba4554	455.403 { 7	Y_3710	ppm	0.0465	0.0004	0.9102	0.0468	0.0462
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	517	0.0001	0

Ca3158	315.887 {1	In2306	ppm	146.8	2.058	1.402	145.3	148.2
Ca3181	318.128 {1	In2306	ppm	148.7	1.979	1.331	147.3	150.1
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	29.59	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0011	0	2.405	0.0011	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0002	10.57	0.0021	0.0018
Cu3247	324.754 {1	Y_3600	ppm	0.0008	0.0006	71.83	0.0004	0.0012
Fe2404	240.488 {1	In2306	ppm	0.1547	0.0146	9.429	0.1444	0.165
K_7664	766.490 { 4	Y_3710	ppm	1.892	0.0128	0.6746	1.883	1.901
K_7698	769.896 { 4	Y_3710	ppm	1.679	0.0204	1.215	1.694	1.665
Li6707	670.784 { 5	Y_3710	ppm	0.0272	0.0001	0.4279	0.0272	0.0271
Mg2790	279.079 {1	Y_3710	ppm	192.1	0.1369	0.0713	192.2	192
Mn2576	257.610 {1	Y_3600	ppm	0.9304	0.0052	0.5637	0.9341	0.9267
Mn2576-2	257.610 {1	Y_3710	ppm	0.9818	0.0038	0.3821	0.9792	0.9845
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0.0002	18.09	0.0011	0.0015
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2175	2.594	0.1193	2177	2173
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0004	11.97	0.004	0.0033
P_1782	178.284 {4	In2306	ppm	0.2841	0.0017	0.6008	0.2829	0.2853
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0017	1167	0.0011	-0.0014
S_1820	182.034 {4	Y_2243	ppm	-5850	39.65	0.6779	-5878	-5822
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0014	151.3	0.0019	-0.0001
Se1960	196.090 {4	Y_2243	ppm	0.002	0.0012	57.39	0.0029	0.0012
Si2516	251.611 {1	Y_3710	ppm	9.082	0.0658	0.7244	9.036	9.129
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0007	203.5	0.0002	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	1.905	0.0025	0.1315	1.903	1.906
Ti3349	334.904 {1	Y_3600	ppm	0.0042	0.0001	1.761	0.0043	0.0042
Tl1908	190.856 {4	In2306	ppm	-0.0034	0.0005	15.21	-0.0038	-0.003
V_2924	292.402 {1	Y_3600	ppm	0.0007	0.0004	55.45	0.001	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0061	0.0003	4.914	0.0059	0.0063

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.487	0.79654	1.4355	56.05	54.924
In2306	230.606 {4	Cts/S	6482.3	7.5455	0.1164	6477	6487.7
Y_2243	224.306 {4	Cts/S	9684.6	15.669	0.16179	9673.5	9695.6
Y_3600	360.073 { 9	Cts/S	48388	85.014	0.17569	48448	48328
Y_3710	371.030 { 9	Cts/S	7831	12.107	0.15461	7839.6	7822.5

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2439	0.0002	0.0885	0.244	0.2437
Al3082	308.215 {1	In2306	ppm	2.383	0.0506	2.124	2.347	2.418
As1890	189.042 {4	Y_2243	ppm	0.4744	0.0037	0.7707	0.477	0.4718
B_2496	249.678 {1	Y_3710	ppm	0.4867	0.0062	1.267	0.4823	0.491
Ba4554	455.403 { 7	Y_3710	ppm	0.483	0.0008	0.1741	0.4836	0.4825

Be3130	313.042 {1	Y_3710	ppm	0.4928	0.0009	0.1867	0.4934	0.4921
Ca3158	315.887 {1	In2306	ppm	11.71	0.1816	1.551	11.58	11.84
Ca3181	318.128 {1	In2306	ppm	11.89	0.1774	1.492	11.76	12.01
Cd2288	228.802 {4	Y_2243	ppm	0.4781	0.0044	0.9127	0.4812	0.475
Co2286	228.616 {4	In2306	ppm	0.4875	0.0054	1.114	0.4913	0.4836
Cr2677	267.716 {1	Y_3600	ppm	0.4977	0.0045	0.9078	0.5009	0.4945
Cu3247	324.754 {1	Y_3600	ppm	0.4844	0.0011	0.2361	0.4836	0.4852
Fe2404	240.488 {1	In2306	ppm	2.336	0.0816	3.491	2.278	2.394
K_7664	766.490 { 4	Y_3710	ppm	13.07	0.0446	0.3411	13.11	13.04
K_7698	769.896 { 4	Y_3710	ppm	13.17	0.0215	0.1636	13.15	13.18
Li6707	670.784 { 5	Y_3710	ppm	0.5133	0.0014	0.263	0.5142	0.5123
Mg2790	279.079 {1	Y_3710	ppm	4.92	0.0673	1.368	4.967	4.872
Mn2576	257.610 {1	Y_3600	ppm	0.4866	0.0004	0.0792	0.4869	0.4864
Mn2576-2	257.610 {1	Y_3710	ppm	0.4654	0.0023	0.5005	0.467	0.4637
Mo2020	202.030 {4	Y_2243	ppm	0.4768	0.0064	1.337	0.4813	0.4723
Na5895	589.592 { 5	Y_3710	ppm	13.23	0.1118	0.8452	13.31	13.15
Na8183	818.326 { 4	Y_3710	ppm	12.83	0.128	0.9974	12.93	12.74
Ni2316	231.604 {4	In2306	ppm	0.4739	0.0059	1.238	0.4781	0.4698
P_1782	178.284 {4	In2306	ppm	0.0047	0.0009	18.4	0.0041	0.0053
Pb2203	220.353 {4	In2306	ppm	0.4784	0.0076	1.59	0.4838	0.473
S_1820	182.034 {4	Y_2243	ppm	-66.89	30.63	45.8	-45.23	-88.55
Sb2068	206.833 {4	Y_2243	ppm	0.4632	0.0048	1.027	0.4666	0.4598
Se1960	196.090 {4	Y_2243	ppm	0.4781	0.0021	0.4452	0.4796	0.4766
Si2516	251.611 {1	Y_3710	ppm	0.8207	0.016	1.948	0.832	0.8094
Sn1899	189.989 {4	In2306	ppm	0.4961	0.0075	1.522	0.5014	0.4907
Sr4215	421.552 { 8	Y_3710	ppm	0.2439	0.0001	0.0284	0.244	0.2439
Ti3349	334.904 {1	Y_3600	ppm	0.5072	0.0004	0.0864	0.5075	0.5068
Tl1908	190.856 {4	In2306	ppm	0.48	0.0168	3.501	0.4919	0.4681
V_2924	292.402 {1	Y_3600	ppm	0.5051	0.0002	0.0315	0.5052	0.505
Zn2062	206.200 {4	In2306	ppm	0.485	0.006	1.227	0.4892	0.4808

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	63.79	1.105	1.7323	64.571	63.009
In2306	230.606 {4	Cts/S	9504	116.06	1.2211	9586.1	9421.9
Y_2243	224.306 {4	Cts/S	12601	111.42	0.88421	12679	12522
Y_3600	360.073 { 9	Cts/S	47156	26.488	0.05617	47175	47137
Y_3710	371.030 { 9	Cts/S	8529.7	17.222	0.2019	8517.5	8541.9

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0001	1.375	0.0047	0.0046
Al3082	308.215 {1	In2306	ppm	0.0657	0.0117	17.74	0.074	0.0575
As1890	189.042 {4	Y_2243	ppm	0.0092	0.0001	0.9143	0.0093	0.0091
B_2496	249.678 {1	Y_3710	ppm	0.0061	0.0043	70.44	0.0031	0.0092

Ba4554	455.403 { 7	Y_3710	ppm	0.0095	0.0001	0.5619	0.0094	0.0095
Be3130	313.042 {1	Y_3710	ppm	0.0046	0.0001	3.157	0.0047	0.0045
Ca3158	315.887 {1	In2306	ppm	0.0925	0.0028	3.049	0.0905	0.0945
Ca3181	318.128 {1	In2306	ppm	0.2579	0.0492	19.07	0.2927	0.2231
Cd2288	228.802 {4	Y_2243	ppm	0.005	0.0005	9.387	0.0047	0.0054
Co2286	228.616 {4	In2306	ppm	0.01	0.0004	3.754	0.0098	0.0103
Cr2677	267.716 {1	Y_3600	ppm	0.0095	0	0.2282	0.0095	0.0095
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0003	3.536	0.0084	0.0088
Fe2404	240.488 {1	In2306	ppm	0.0897	0.0182	20.23	0.1026	0.0769
K_7664	766.490 { 4	Y_3710	ppm	0.6231	0.0233	3.731	0.6396	0.6067
K_7698	769.896 { 4	Y_3710	ppm	0.3371	0.0415	12.32	0.3664	0.3077
Li6707	670.784 { 5	Y_3710	ppm	0.0095	0.0001	1.209	0.0095	0.0094
Mg2790	279.079 {1	Y_3710	ppm	0.0793	0.0242	30.5	0.0622	0.0963
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0	0.3287	0.0101	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0104	0.0026	24.59	0.0086	0.0122
Mo2020	202.030 {4	Y_2243	ppm	0.011	0.0007	6.04	0.0105	0.0114
Na5895	589.592 { 5	Y_3710	ppm	0.7561	0.0127	1.683	0.7651	0.7471
Na8183	818.326 { 4	Y_3710	ppm	0.6254	0.0913	14.6	0.6899	0.5608
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0007	7.108	0.0096	0.0106
P_1782	178.284 {4	In2306	ppm	0.0122	0.0001	0.918	0.0123	0.0121
Pb2203	220.353 {4	In2306	ppm	0.0106	0.0006	5.839	0.0102	0.011
S_1820	182.034 {4	Y_2243	ppm	-0.5811	0.03	5.156	-0.5599	-0.6023
Sb2068	206.833 {4	Y_2243	ppm	0.0156	0.0005	3.186	0.0153	0.016
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0002	2.33	0.0099	0.0095
Si2516	251.611 {1	Y_3710	ppm	-0.0075	0.0032	42.92	-0.0098	-0.0052
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0005	4.807	0.0098	0.0104
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0003	5.456	0.0049	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0097	0.0002	1.895	0.0098	0.0096
Tl1908	190.856 {4	In2306	ppm	0.0123	0.0015	11.81	0.0113	0.0133
V_2924	292.402 {1	Y_3600	ppm	0.0101	0.0004	4.069	0.0104	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0088	0.0005	5.525	0.0085	0.0092

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	62.937	1.4889	2.3657	61.884	63.99
In2306	230.606 {4	Cts/S	10197	15.848	0.15541	10208	10186
Y_2243	224.306 {4	Cts/S	12903	20.083	0.15565	12917	12889
Y_3600	360.073 { 9	Cts/S	46429	23.658	0.05095	46446	46413
Y_3710	371.030 { 9	Cts/S	8757.5	67.448	0.77018	8709.8	8805.2

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:45:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0	4.327	0.0004	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0399	0.031	77.73	-0.0618	-0.018
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0009	136.1	0	0.0013

B_2496	249.678 {1	Y_3710	ppm	0.0016	0.0003	18.83	0.0014	0.0018
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0	54.81	0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0002	75.76	-0.0003	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0084	0.0063	75.08	-0.0129	-0.0039
Ca3181	318.128 {1	In2306	ppm	0.1019	0.0407	39.92	0.0731	0.1307
Cd2288	228.802 {4	Y_2243	ppm	0	0.0002	424.4	-0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	81.59	0.0001	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	47.09	0.0003	0.0001
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	3.407	-0.0016	-0.0015
Fe2404	240.488 {1	In2306	ppm	-0.004	0.0019	47.75	-0.0026	-0.0053
K_7664	766.490 { 4	Y_3710	ppm	0.0254	0.0019	7.4	0.0267	0.024
K_7698	769.896 { 4	Y_3710	ppm	-0.0302	0.0012	4.087	-0.0311	-0.0293
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0	4.953	0.0003	0.0003
Mg2790	279.079 {1	Y_3710	ppm	-0.0217	0.0086	39.58	-0.0278	-0.0157
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	14.91	0	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0006	0.0006	90.98	-0.0002	-0.001
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0003	63.01	0.0002	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.0726	0.0049	6.79	0.0761	0.0691
Na8183	818.326 { 4	Y_3710	ppm	0.1754	0.0566	32.27	0.1354	0.2154
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	92.49	0	0.0002
P_1782	178.284 {4	In2306	ppm	0.0008	0.0007	85.77	0.0012	0.0003
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0004	127.9	0	0.0006
S_1820	182.034 {4	Y_2243	ppm	-0.9523	0.1762	18.5	-0.8277	-1.077
Sb2068	206.833 {4	Y_2243	ppm	0.0046	0.0009	19	0.004	0.0052
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0002	14.77	-0.0012	-0.0015
Si2516	251.611 {1	Y_3710	ppm	-0.0074	0.0211	283.4	-0.0224	0.0075
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0002	397.6	-0.0001	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	44.41	0	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0002	29.27	-0.0007	-0.0005
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0003	47.83	0.0009	0.0004
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0001	81.82	-0.0002	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0002	75.3	0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.16	0.11998	0.19943	60.245	60.076
In2306	230.606 {4	Cts/S	10174	18.284	0.17972	10187	10161
Y_2243	224.306 {4	Cts/S	12894	36.113	0.28007	12920	12869
Y_3600	360.073 { 9	Cts/S	45323	30.69	0.06771	45301	45344
Y_3710	371.030 { 9	Cts/S	8423.6	81.736	0.97032	8365.8	8481.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:47:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	21.06	0.0004	0.0005
Al3082	308.215 {1	In2306	ppm	0.2448	0.0081	3.317	0.239	0.2505

As1890	189.042 {4	Y_2243	ppm	0.0003	0.0012	407.8	0.0011	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.8167	0.0219	2.678	0.8013	0.8322
Ba4554	455.403 { 7	Y_3710	ppm	0.0433	0.0001	0.2061	0.0433	0.0432
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	33.76	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	150.8	1.044	0.6923	151.5	150
Ca3181	318.128 {1	In2306	ppm	153	0.9585	0.6265	153.7	152.3
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0	16.24	0.0002	0.0002
Co2286	228.616 {4	In2306	ppm	0.001	0.0002	19.04	0.0008	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0007	36.01	0.0015	0.0026
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	11.54	-0.0022	-0.0019
Fe2404	240.488 {1	In2306	ppm	0.1552	0.0178	11.49	0.1678	0.1426
K_7664	766.490 { 4	Y_3710	ppm	1.74	0.0348	1.998	1.716	1.765
K_7698	769.896 { 4	Y_3710	ppm	1.547	0.0579	3.745	1.506	1.588
Li6707	670.784 { 5	Y_3710	ppm	0.025	0.001	3.87	0.0243	0.0257
Mg2790	279.079 {1	Y_3710	ppm	194.8	0.3015	0.1548	195	194.5
Mn2576	257.610 {1	Y_3600	ppm	0.9318	0.0039	0.4154	0.9291	0.9345
Mn2576-2	257.610 {1	Y_3710	ppm	0.9856	0.0014	0.1423	0.9866	0.9846
Mo2020	202.030 {4	Y_2243	ppm	0.0016	0.0002	15.39	0.0014	0.0017
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2071	26.13	1.262	2053	2090
Ni2316	231.604 {4	In2306	ppm	0.0034	0	0.8725	0.0033	0.0034
P_1782	178.284 {4	In2306	ppm	0.2906	0.0001	0.0201	0.2905	0.2906
Pb2203	220.353 {4	In2306	ppm	-0.0001	0	28.24	-0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-5719	19.33	0.338	-5732	-5705
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0014	225.7	0.0016	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0002	18.54	0.001	0.0013
Si2516	251.611 {1	Y_3710	ppm	8.838	0.0887	1.004	8.775	8.9
Sn1899	189.989 {4	In2306	ppm	0.0004	0	2.386	0.0004	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	1.86	0.0128	0.6871	1.851	1.869
Ti3349	334.904 {1	Y_3600	ppm	0.0044	0.0014	32.82	0.0054	0.0034
Tl1908	190.856 {4	In2306	ppm	-0.0028	0.0007	23.56	-0.0033	-0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0001	22.26	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0046	0.0001	1.882	0.0046	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.343	0.1653	0.29338	56.46	56.226
In2306	230.606 {4	Cts/S	6615.9	9.8627	0.14907	6622.9	6609
Y_2243	224.306 {4	Cts/S	10002	16.122	0.16119	10013	9990.6
Y_3600	360.073 { 9	Cts/S	48716	68.765	0.14115	48765	48667
Y_3710	371.030 { 9	Cts/S	7965	38.957	0.4891	7992.5	7937.4

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Custom ID3=
Run Time=1/25/2012 9:50:35
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5592	0.0018	0.3304	0.5605	0.5579

Al3082	308.215 {1	In2306	ppm	11.51	0.0964	0.8375	11.58	11.44
As1890	189.042 {4	Y_2243	ppm	1.084	0.001	0.0938	1.083	1.084
B_2496	249.678 {1	Y_3710	ppm	1.881	0.0003	0.0181	1.881	1.88
Ba4554	455.403 { 7	Y_3710	ppm	0.9899	0.0018	0.1815	0.9886	0.9911
Be3130	313.042 {1	Y_3710	ppm	0.4819	0.0004	0.0902	0.4822	0.4816
Ca3158	315.887 {1	In2306	ppm	161.5	0.0221	0.0137	161.5	161.5
Ca3181	318.128 {1	In2306	ppm	164.9	0.0065	0.004	164.9	164.9
Cd2288	228.802 {4	Y_2243	ppm	0.5557	0.003	0.543	0.5578	0.5536
Co2286	228.616 {4	In2306	ppm	1.03	0.006	0.5859	1.034	1.025
Cr2677	267.716 {1	Y_3600	ppm	0.9131	0.0041	0.4438	0.916	0.9102
Cu3247	324.754 {1	Y_3600	ppm	1.141	0.0016	0.1429	1.142	1.14
Fe2404	240.488 {1	In2306	ppm	10.46	0.0967	0.9246	10.53	10.39
K_7664	766.490 { 4	Y_3710	ppm	12.48	0.0389	0.3117	12.51	12.45
K_7698	769.896 { 4	Y_3710	ppm	12.86	0.0749	0.5821	12.92	12.81
Li6707	670.784 { 5	Y_3710	ppm	0.4906	0.0014	0.2821	0.4916	0.4896
Mg2790	279.079 {1	Y_3710	ppm	205.2	0.7448	0.3629	204.7	205.8
Mn2576	257.610 {1	Y_3600	ppm	1.836	0.0053	0.2894	1.84	1.832
Mn2576-2	257.610 {1	Y_3710	ppm	1.919	0.0092	0.4819	1.926	1.912
Mo2020	202.030 {4	Y_2243	ppm	0.9176	0.0094	1.025	0.9242	0.9109
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2160	0.0936	0.0043	2160	2160
Ni2316	231.604 {4	In2306	ppm	0.9876	0.0052	0.5268	0.9913	0.984
P_1782	178.284 {4	In2306	ppm	0.2805	0.0014	0.4971	0.2795	0.2815
Pb2203	220.353 {4	In2306	ppm	0.9636	0.0072	0.7458	0.9687	0.9585
S_1820	182.034 {4	Y_2243	ppm	-5755	13.21	0.2295	-5764	-5745
Sb2068	206.833 {4	Y_2243	ppm	1.037	0.0064	0.6204	1.041	1.032
Se1960	196.090 {4	Y_2243	ppm	1.092	0.002	0.1813	1.093	1.09
Si2516	251.611 {1	Y_3710	ppm	10.17	0.0585	0.5751	10.21	10.13
Sn1899	189.989 {4	In2306	ppm	1.053	0.0069	0.653	1.058	1.048
Sr4215	421.552 { 8	Y_3710	ppm	2.36	0.0016	0.0671	2.359	2.361
Ti3349	334.904 {1	Y_3600	ppm	0.989	0.0073	0.7333	0.9942	0.9839
Tl1908	190.856 {4	In2306	ppm	0.9199	0.0148	1.604	0.9303	0.9094
V_2924	292.402 {1	Y_3600	ppm	0.9802	0.0028	0.2842	0.9822	0.9782
Zn2062	206.200 {4	In2306	ppm	1.084	0.0087	0.8043	1.09	1.077

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.284	0.24772	0.45633	54.109	54.459
In2306	230.606 {4	Cts/S	6493.8	20.065	0.30898	6508	6479.7
Y_2243	224.306 {4	Cts/S	9932.7	29.618	0.29819	9953.7	9911.8
Y_3600	360.073 { 9	Cts/S	47795	307.04	0.6424	47578	48012
Y_3710	371.030 { 9	Cts/S	7809.8	10.823	0.13858	7802.1	7817.4

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.5619	0.0003	0.0601	0.5621	0.5616
Al3082	308.215 {1	In2306	ppm	11.31	0.2099	1.856	11.16	11.45
As1890	189.042 {4	Y_2243	ppm	1.088	0.0009	0.0805	1.089	1.088
B_2496	249.678 {1	Y_3710	ppm	1.897	0.0108	0.5683	1.904	1.889
Ba4554	455.403 { 7	Y_3710	ppm	0.9995	0.0054	0.5417	1.003	0.9957
Be3130	313.042 {1	Y_3710	ppm	0.49	0.0028	0.5703	0.488	0.492
Ca3158	315.887 {1	In2306	ppm	161.8	2.907	1.797	159.7	163.8
Ca3181	318.128 {1	In2306	ppm	164.6	3.283	1.995	162.3	166.9
Cd2288	228.802 {4	Y_2243	ppm	0.5639	0.0004	0.0621	0.5641	0.5636
Co2286	228.616 {4	In2306	ppm	1.044	0.0037	0.3566	1.046	1.041
Cr2677	267.716 {1	Y_3600	ppm	0.9337	0.0029	0.3089	0.9316	0.9357
Cu3247	324.754 {1	Y_3600	ppm	1.161	0.0001	0.0048	1.161	1.161
Fe2404	240.488 {1	In2306	ppm	10.52	0.2472	2.349	10.35	10.7
K_7664	766.490 { 4	Y_3710	ppm	12.49	0.1209	0.9683	12.57	12.4
K_7698	769.896 { 4	Y_3710	ppm	12.8	0.1184	0.9257	12.88	12.71
Li6707	670.784 { 5	Y_3710	ppm	0.486	0.0074	1.515	0.4912	0.4808
Mg2790	279.079 {1	Y_3710	ppm	209	1.814	0.8681	207.7	210.3
Mn2576	257.610 {1	Y_3600	ppm	1.859	0.0054	0.2922	1.863	1.855
Mn2576-2	257.610 {1	Y_3710	ppm	1.961	0.0067	0.3392	1.956	1.965
Mo2020	202.030 {4	Y_2243	ppm	0.9252	0.0026	0.2834	0.9271	0.9234
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2163	16.39	0.7577	2174	2151
Ni2316	231.604 {4	In2306	ppm	0.9931	0.0014	0.1431	0.9921	0.9941
P_1782	178.284 {4	In2306	ppm	0.2855	0.0003	0.1023	0.2857	0.2853
Pb2203	220.353 {4	In2306	ppm	0.9712	0.0005	0.0488	0.9715	0.9708
S_1820	182.034 {4	Y_2243	ppm	-5750	3.089	0.0537	-5752	-5748
Sb2068	206.833 {4	Y_2243	ppm	1.061	0.0004	0.0331	1.061	1.061
Se1960	196.090 {4	Y_2243	ppm	1.101	0.0017	0.1581	1.099	1.102
Si2516	251.611 {1	Y_3710	ppm	10.21	0.0239	0.234	10.19	10.22
Sn1899	189.989 {4	In2306	ppm	1.068	0.0068	0.6362	1.073	1.063
Sr4215	421.552 { 8	Y_3710	ppm	2.376	0.0022	0.0924	2.377	2.374
Ti3349	334.904 {1	Y_3600	ppm	1.016	0.0017	0.1664	1.015	1.017
Tl1908	190.856 {4	In2306	ppm	0.9492	0.016	1.681	0.9605	0.9379
V_2924	292.402 {1	Y_3600	ppm	1.01	0.004	0.3974	1.013	1.008
Zn2062	206.200 {4	In2306	ppm	1.099	0.0066	0.5986	1.104	1.094

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.258	0.6447	1.1667	55.714	54.802
In2306	230.606 {4	Cts/S	6476.1	7.7022	0.11893	6481.5	6470.6
Y_2243	224.306 {4	Cts/S	9939.9	29.277	0.29454	9960.6	9919.2
Y_3600	360.073 { 9	Cts/S	47504	144.18	0.30351	47605	47402
Y_3710	371.030 { 9	Cts/S	7793.5	15.07	0.19337	7804.2	7782.8

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=600-48796-C-2-A
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 9:55:23
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0008	0.0005	61.08	0.0012	0.0005
Al3082	308.215	{1	In2306	ppm	0.0902	0.0765	84.76	0.0362	0.1443
As1890	189.042	{4	Y_2243	ppm	0.1219	0.0956	78.37	0.0544	0.1895
B_2496	249.678	{1	Y_3710	ppm	0.6629	0.012	1.817	0.6714	0.6544
Ba4554	455.403	{ 7	Y_3710	ppm	0.1191	0.0002	0.2095	0.1192	0.1189
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0.0001	58.12	-0.0001	-0.0002
Ca3158	315.887	{1	In2306	ppm	2319	30.98	1.336	2297	2341
Ca3181	318.128	{1	In2306	ppm	2562	32.94	1.286	2539	2585
Cd2288	228.802	{4	Y_2243	ppm	0.0654	0.0499	76.27	0.0301	0.1006
Co2286	228.616	{4	In2306	ppm	0.1059	0.0755	71.23	0.0526	0.1593
Cr2677	267.716	{1	Y_3600	ppm	0.0015	0.0013	91.06	0.0005	0.0024
Cu3247	324.754	{1	Y_3600	ppm	-0.0028	0.0001	2.928	-0.0028	-0.0029
Fe2404	240.488	{1	In2306	ppm	-0.0028	0.0107	386.1	-0.0104	0.0048
K_7664	766.490	{ 4	Y_3710	ppm	24.95	0.0465	0.1865	24.98	24.91
K_7698	769.896	{ 4	Y_3710	ppm	26.4	0.0381	0.1442	26.43	26.38
Li6707	670.784	{ 5	Y_3710	ppm	0.3568	0.0009	0.2524	0.3575	0.3562
Mg2790	279.079	{1	Y_3710	ppm	976.9	2.783	0.2849	974.9	978.9
Mn2576	257.610	{1	Y_3600	ppm	6.76	0.0259	0.3824	6.778	6.741
Mn2576-2	257.610	{1	Y_3710	ppm	7.627	0.0079	0.1035	7.621	7.633
Mo2020	202.030	{4	Y_2243	ppm	0.0998	0.0681	68.26	0.0516	0.148
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	4042	24.09	0.5961	4025	4059
Ni2316	231.604	{4	In2306	ppm	0.0986	0.0704	71.38	0.0488	0.1484
P_1782	178.284	{4	In2306	ppm	0.0611	0.0174	28.45	0.0488	0.0734
Pb2203	220.353	{4	In2306	ppm	0.0919	0.077	83.83	0.0374	0.1463
S_1820	182.034	{4	Y_2243	ppm	-20970	1509	7.193	-22040	-19910
Sb2068	206.833	{4	Y_2243	ppm	0.1267	0.0819	64.63	0.0688	0.1846
Se1960	196.090	{4	Y_2243	ppm	0.1262	0.1023	81.1	0.0538	0.1986
Si2516	251.611	{1	Y_3710	ppm	8.619	0.0031	0.0358	8.621	8.617
Sn1899	189.989	{4	In2306	ppm	0.1055	0.0722	68.48	0.0544	0.1565
Sr4215	421.552	{ 8	Y_3710	ppm	13.85	0.1192	0.8605	13.77	13.94
Ti3349	334.904	{1	Y_3600	ppm	0.017	0.0005	2.919	0.0167	0.0174
Tl1908	190.856	{4	In2306	ppm	0.0943	0.0752	79.71	0.0412	0.1475
V_2924	292.402	{1	Y_3600	ppm	-0.0055	0.0005	9.793	-0.0059	-0.0051
Zn2062	206.200	{4	In2306	ppm	0.1117	0.0764	68.38	0.0577	0.1658

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.635	0.30279	0.59798	50.849	50.421
In2306	230.606	{4	Cts/S	5042.9	76.744	1.5218	4988.6	5097.2
Y_2243	224.306	{4	Cts/S	7817.8	100.28	1.2827	7746.9	7888.7
Y_3600	360.073	{ 9	Cts/S	44352	78.324	0.1766	44408	44297
Y_3710	371.030	{ 9	Cts/S	7176.7	11.775	0.16407	7168.4	7185

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Custom ID3=
Run Time=1/25/2012 9:58:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.001	790.5	0.0008	-0.0006
Al3082	308.215	{1	In2306	ppm	0.0306	0.0044	14.23	0.0276	0.0337
As1890	189.042	{4	Y_2243	ppm	0.0239	0.0032	13.4	0.0216	0.0262
B_2496	249.678	{1	Y_3710	ppm	1.028	0.015	1.455	1.039	1.017
Ba4554	455.403	{ 7	Y_3710	ppm	0.1094	0.0006	0.5835	0.1099	0.109
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	140.6	0	-0.0001
Ca3158	315.887	{1	In2306	ppm	997.4	18.73	1.878	984.2	1011
Ca3181	318.128	{1	In2306	ppm	1034	21.6	2.089	1019	1050
Cd2288	228.802	{4	Y_2243	ppm	0.0024	0.0025	104.9	0.0006	0.0042
Co2286	228.616	{4	In2306	ppm	0.004	0.0045	112.8	0.0008	0.0072
Cr2677	267.716	{1	Y_3600	ppm	0.0012	0.0005	40.35	0.0016	0.0009
Cu3247	324.754	{1	Y_3600	ppm	-0.0032	0.0003	9.624	-0.003	-0.0034
Fe2404	240.488	{1	In2306	ppm	10.66	0.2275	2.135	10.49	10.82
K_7664	766.490	{ 4	Y_3710	ppm	20.28	0.1805	0.89	20.41	20.16
K_7698	769.896	{ 4	Y_3710	ppm	21.23	0.223	1.051	21.38	21.07
Li6707	670.784	{ 5	Y_3710	ppm	0.1981	0.0015	0.764	0.1992	0.197
Mg2790	279.079	{1	Y_3710	ppm	608	3.63	0.597	605.4	610.6
Mn2576	257.610	{1	Y_3600	ppm	3.35	0.0029	0.0854	3.348	3.352
Mn2576-2	257.610	{1	Y_3710	ppm	3.578	0.0028	0.0779	3.58	3.576
Mo2020	202.030	{4	Y_2243	ppm	0.0089	0.0037	41.36	0.0063	0.0115
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	2252	9.428	0.4187	2258	2245
Ni2316	231.604	{4	In2306	ppm	0.0044	0.0045	102.4	0.0012	0.0076
P_1782	178.284	{4	In2306	ppm	0.1379	0.0052	3.751	0.1416	0.1343
Pb2203	220.353	{4	In2306	ppm	0.0013	0.0021	165.7	-0.0002	0.0027
S_1820	182.034	{4	Y_2243	ppm	-6880	75.53	1.098	-6933	-6826
Sb2068	206.833	{4	Y_2243	ppm	0.0054	0.0042	77.89	0.0024	0.0084
Se1960	196.090	{4	Y_2243	ppm	0.0066	0.0054	82.84	0.0027	0.0104
Si2516	251.611	{1	Y_3710	ppm	9.447	0.0237	0.2511	9.431	9.464
Sn1899	189.989	{4	In2306	ppm	0.0049	0.0053	107.4	0.0012	0.0086
Sr4215	421.552	{ 8	Y_3710	ppm	8.619	0.0318	0.3688	8.596	8.641
Ti3349	334.904	{1	Y_3600	ppm	0.0059	0.0007	11.8	0.0064	0.0054
Tl1908	190.856	{4	In2306	ppm	-0.0003	0.0048	1762	-0.0037	0.0032
V_2924	292.402	{1	Y_3600	ppm	-0.0048	0.0002	4.927	-0.0046	-0.005
Zn2062	206.200	{4	In2306	ppm	0.0118	0.0044	37.2	0.0087	0.0149

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.959	0.82155	1.6122	51.54	50.378
In2306	230.606	{4	Cts/S	6000.4	133.35	2.2224	5906.1	6094.7
Y_2243	224.306	{4	Cts/S	9147.1	198.55	2.1706	9006.7	9287.5
Y_3600	360.073	{ 9	Cts/S	46511	115.32	0.24794	46430	46593
Y_3710	371.030	{ 9	Cts/S	7561.9	2.2449	0.02969	7563.5	7560.3

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:00:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0003	0.0003	112.4	-0.0005	-0.0001
Al3082	308.215	{1	In2306	ppm	0.0974	0.03	30.78	0.1185	0.0762
As1890	189.042	{4	Y_2243	ppm	-0.0011	0.0009	76.5	-0.0005	-0.0018
B_2496	249.678	{1	Y_3710	ppm	0.5946	0.0089	1.495	0.5883	0.6009
Ba4554	455.403	{ 7	Y_3710	ppm	0.0615	0.0005	0.7361	0.0612	0.0619
Be3130	313.042	{1	Y_3710	ppm	-0.0003	0	5.105	-0.0002	-0.0003
Ca3158	315.887	{1	In2306	ppm	150.6	1.361	0.9042	151.5	149.6
Ca3181	318.128	{1	In2306	ppm	153.3	1.129	0.7367	154.1	152.5
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0.0001	29.61	0.0002	0.0003
Co2286	228.616	{4	In2306	ppm	0.0001	0.0004	345.7	-0.0002	0.0004
Cr2677	267.716	{1	Y_3600	ppm	0.0004	0.0004	91.59	0.0007	0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0024	0	0.1665	-0.0023	-0.0024
Fe2404	240.488	{1	In2306	ppm	0.041	0.0272	66.25	0.0602	0.0218
K_7664	766.490	{ 4	Y_3710	ppm	1.899	0.0213	1.123	1.884	1.915
K_7698	769.896	{ 4	Y_3710	ppm	1.708	0.0384	2.248	1.681	1.735
Li6707	670.784	{ 5	Y_3710	ppm	0.0241	0.0006	2.298	0.0237	0.0245
Mg2790	279.079	{1	Y_3710	ppm	146.6	0.6951	0.4741	147.1	146.1
Mn2576	257.610	{1	Y_3600	ppm	0.1134	0.0001	0.1023	0.1134	0.1135
Mn2576-2	257.610	{1	Y_3710	ppm	0.1146	0.0001	0.0812	0.1146	0.1145
Mo2020	202.030	{4	Y_2243	ppm	0.0013	0.0002	16.72	0.0012	0.0015
Na5895	589.592	{ 5	Y_3710	ppm	892.4	23.63	2.648	875.7	909.1
Na8183	818.326	{ 4	Y_3710	ppm	1423	14.58	1.024	1413	1434
Ni2316	231.604	{4	In2306	ppm	0.002	0	0.362	0.002	0.002
P_1782	178.284	{4	In2306	ppm	0.2922	0	0.0145	0.2921	0.2922
Pb2203	220.353	{4	In2306	ppm	-0.0005	0.0006	123.7	-0.0009	-0.0001
S_1820	182.034	{4	Y_2243	ppm	-3093	6.915	0.2235	-3089	-3098
Sb2068	206.833	{4	Y_2243	ppm	0.0017	0.0001	8.511	0.0018	0.0016
Se1960	196.090	{4	Y_2243	ppm	-0.0005	0.0015	285.9	-0.0016	0.0005
Si2516	251.611	{1	Y_3710	ppm	7.172	0.0046	0.0648	7.169	7.175
Sn1899	189.989	{4	In2306	ppm	-0.0002	0.0002	127.1	-0.0003	0
Sr4215	421.552	{ 8	Y_3710	ppm	1.44	0.0014	0.0943	1.439	1.441
Ti3349	334.904	{1	Y_3600	ppm	0.0019	0.0001	4.707	0.002	0.0018
Tl1908	190.856	{4	In2306	ppm	-0.0006	0.0016	269.8	0.0005	-0.0017
V_2924	292.402	{1	Y_3600	ppm	-0.0001	0.0001	59.24	-0.0001	-0.0002
Zn2062	206.200	{4	In2306	ppm	0.0058	0	0.2747	0.0058	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	55.871	0.17665	0.31618	55.996	55.746
In2306	230.606	{4	Cts/S	6917.2	2.4106	0.03485	6918.9	6915.5
Y_2243	224.306	{4	Cts/S	10264	10.956	0.10674	10256	10272
Y_3600	360.073	{ 9	Cts/S	48197	82.519	0.17121	48139	48255
Y_3710	371.030	{ 9	Cts/S	7901.6	0.84792	0.01073	7902.2	7901

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:03:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5508	0.0004	0.0692	0.5511	0.5506
Al3082	308.215 {1	In2306	ppm	11.81	0.1171	0.9923	11.89	11.72
As1890	189.042 {4	Y_2243	ppm	1.082	0.0018	0.1624	1.08	1.083
B_2496	249.678 {1	Y_3710	ppm	1.841	0.0121	0.6546	1.85	1.833
Ba4554	455.403 { 7	Y_3710	ppm	1.005	0.0019	0.1916	1.007	1.004
Be3130	313.042 {1	Y_3710	ppm	0.4728	0.0031	0.6648	0.475	0.4706
Ca3158	315.887 {1	In2306	ppm	164.3	2.195	1.337	165.8	162.7
Ca3181	318.128 {1	In2306	ppm	167.2	2.438	1.458	168.9	165.5
Cd2288	228.802 {4	Y_2243	ppm	0.5581	0.0004	0.0749	0.5584	0.5578
Co2286	228.616 {4	In2306	ppm	1.029	0.0009	0.083	1.029	1.028
Cr2677	267.716 {1	Y_3600	ppm	0.9193	0.0002	0.0263	0.9195	0.9192
Cu3247	324.754 {1	Y_3600	ppm	1.14	0.0067	0.59	1.135	1.145
Fe2404	240.488 {1	In2306	ppm	10.59	0.0722	0.6818	10.64	10.54
K_7664	766.490 { 4	Y_3710	ppm	12.78	0.0057	0.0448	12.78	12.78
K_7698	769.896 { 4	Y_3710	ppm	13.14	0.0447	0.3403	13.1	13.17
Li6707	670.784 { 5	Y_3710	ppm	0.9819	0.0003	0.0296	0.9821	0.9817
Mg2790	279.079 {1	Y_3710	ppm	200.5	1.695	0.8454	201.7	199.3
Mn2576	257.610 {1	Y_3600	ppm	1.842	0.0065	0.3533	1.847	1.838
Mn2576-2	257.610 {1	Y_3710	ppm	1.899	0.0092	0.4857	1.905	1.892
Mo2020	202.030 {4	Y_2243	ppm	0.9042	0.0021	0.23	0.9056	0.9027
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2167	3.058	0.1411	2170	2165
Ni2316	231.604 {4	In2306	ppm	0.9886	0.0025	0.2576	0.9904	0.9868
P_1782	178.284 {4	In2306	ppm	1.609	0.006	0.3758	1.613	1.605
Pb2203	220.353 {4	In2306	ppm	0.9646	0.0008	0.0845	0.9651	0.964
S_1820	182.034 {4	Y_2243	ppm	-5625	2.429	0.0432	-5626	-5623
Sb2068	206.833 {4	Y_2243	ppm	1.052	0.0001	0.011	1.052	1.052
Se1960	196.090 {4	Y_2243	ppm	1.078	0.0017	0.161	1.08	1.077
Si2516	251.611 {1	Y_3710	ppm	9.789	0.0386	0.3946	9.816	9.761
Sn1899	189.989 {4	In2306	ppm	1.041	0.0033	0.3186	1.044	1.039
Sr4215	421.552 { 8	Y_3710	ppm	2.337	0.0058	0.2477	2.341	2.333
Ti3349	334.904 {1	Y_3600	ppm	0.9928	0.0023	0.2283	0.9944	0.9912
Tl1908	190.856 {4	In2306	ppm	0.9242	0.0091	0.9823	0.9307	0.9178
V_2924	292.402 {1	Y_3600	ppm	0.9771	0.0034	0.3458	0.9748	0.9795
Zn2062	206.200 {4	In2306	ppm	1.09	0.0002	0.0192	1.09	1.091

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.789	0.62577	1.2083	51.347	52.232
In2306	230.606 {4	Cts/S	6478	15.277	0.23583	6467.2	6488.8
Y_2243	224.306 {4	Cts/S	9941.9	20.828	0.2095	9927.2	9956.6
Y_3600	360.073 { 9	Cts/S	47467	48.992	0.10321	47501	47432
Y_3710	371.030 { 9	Cts/S	7728.1	31.919	0.41302	7705.5	7750.7

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SampleName=sd 600-48796-C-1-A@5
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:05:57
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0002	330.7	-0.0002	0.0001
Al3082	308.215	{1	In2306	ppm	0.0667	0.0161	24.11	0.0781	0.0554
As1890	189.042	{4	Y_2243	ppm	0.002	0.004	200.2	-0.0008	0.0048
B_2496	249.678	{1	Y_3710	ppm	0.1631	0.0035	2.153	0.1607	0.1656
Ba4554	455.403	{ 7	Y_3710	ppm	0.0094	0	0.3417	0.0094	0.0094
Be3130	313.042	{1	Y_3710	ppm	0	0	61.94	0	0.0001
Ca3158	315.887	{1	In2306	ppm	29.56	0.2934	0.9925	29.35	29.77
Ca3181	318.128	{1	In2306	ppm	29.85	0.41	1.373	29.56	30.14
Cd2288	228.802	{4	Y_2243	ppm	0.0022	0.0027	123.7	0.0003	0.0041
Co2286	228.616	{4	In2306	ppm	0.0048	0.006	126.7	0.0005	0.009
Cr2677	267.716	{1	Y_3600	ppm	0.0003	0.0001	31.18	0.0004	0.0003
Cu3247	324.754	{1	Y_3600	ppm	-0.0026	0.0002	9.063	-0.0027	-0.0024
Fe2404	240.488	{1	In2306	ppm	0.0214	0.0097	45.42	0.0282	0.0145
K_7664	766.490	{ 4	Y_3710	ppm	0.3967	0.0104	2.619	0.4041	0.3894
K_7698	769.896	{ 4	Y_3710	ppm	0.1048	0.0102	9.737	0.1121	0.0976
Li6707	670.784	{ 5	Y_3710	ppm	0.0053	0.0006	10.94	0.0057	0.0049
Mg2790	279.079	{1	Y_3710	ppm	36.92	0.1807	0.4894	37.05	36.79
Mn2576	257.610	{1	Y_3600	ppm	0.1961	0.0001	0.03	0.1961	0.1961
Mn2576-2	257.610	{1	Y_3710	ppm	0.1935	0.0029	1.484	0.1955	0.1914
Mo2020	202.030	{4	Y_2243	ppm	0.0074	0.0068	92.96	0.0025	0.0122
Na5895	589.592	{ 5	Y_3710	ppm	319.2	3.718	1.165	316.6	321.8
Na8183	818.326	{ 4	Y_3710	ppm	411	0.8654	0.2106	411.6	410.4
Ni2316	231.604	{4	In2306	ppm	0.0051	0.0058	112.8	0.001	0.0092
P_1782	178.284	{4	In2306	ppm	0.0639	0.0068	10.61	0.0591	0.0687
Pb2203	220.353	{4	In2306	ppm	0.0025	0.0035	138.1	0.0001	0.005
S_1820	182.034	{4	Y_2243	ppm	-1089	19.21	1.764	-1075	-1103
Sb2068	206.833	{4	Y_2243	ppm	0.014	0.0056	39.97	0.0101	0.018
Se1960	196.090	{4	Y_2243	ppm	0.0032	0.004	124.4	0.0004	0.0061
Si2516	251.611	{1	Y_3710	ppm	1.616	0.029	1.795	1.596	1.637
Sn1899	189.989	{4	In2306	ppm	0.0064	0.0075	116.9	0.0011	0.0117
Sr4215	421.552	{ 8	Y_3710	ppm	0.3762	0	0.0111	0.3761	0.3762
Ti3349	334.904	{1	Y_3600	ppm	0.0028	0.0003	9.099	0.0027	0.003
Tl1908	190.856	{4	In2306	ppm	0.0117	0.0088	75.23	0.0055	0.0179
V_2924	292.402	{1	Y_3600	ppm	0.0003	0.0003	103.1	0.0005	0.0001
Zn2062	206.200	{4	In2306	ppm	0.0091	0.006	65.54	0.0049	0.0133

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	57.724	0.99457	1.723	58.427	57.021
In2306	230.606	{4	Cts/S	8142	5.9652	0.07327	8146.2	8137.8
Y_2243	224.306	{4	Cts/S	11512	26.197	0.22757	11530	11493
Y_3600	360.073	{ 9	Cts/S	48482	84.186	0.17364	48423	48542
Y_3710	371.030	{ 9	Cts/S	8264.2	19.575	0.23686	8250.4	8278.1

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:08:40
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2445	0.0006	0.2611	0.244	0.2449
Al3082	308.215	{1	In2306	ppm	2.537	0.0346	1.363	2.561	2.512
As1890	189.042	{4	Y_2243	ppm	0.4725	0.0014	0.2862	0.4716	0.4735
B_2496	249.678	{1	Y_3710	ppm	0.4836	0.0051	1.048	0.4801	0.4872
Ba4554	455.403	{ 7	Y_3710	ppm	0.4809	0.0016	0.3399	0.4821	0.4798
Be3130	313.042	{1	Y_3710	ppm	0.4936	0.0014	0.2901	0.4926	0.4946
Ca3158	315.887	{1	In2306	ppm	12.66	0.2448	1.934	12.48	12.83
Ca3181	318.128	{1	In2306	ppm	12.84	0.2166	1.687	12.69	13
Cd2288	228.802	{4	Y_2243	ppm	0.4818	0.0006	0.1226	0.4822	0.4814
Co2286	228.616	{4	In2306	ppm	0.4933	0.001	0.2116	0.494	0.4925
Cr2677	267.716	{1	Y_3600	ppm	0.5001	0.0002	0.0308	0.5002	0.5
Cu3247	324.754	{1	Y_3600	ppm	0.4858	0.0013	0.2629	0.4849	0.4867
Fe2404	240.488	{1	In2306	ppm	2.484	0.022	0.886	2.468	2.499
K_7664	766.490	{ 4	Y_3710	ppm	12.76	0.3295	2.582	13	12.53
K_7698	769.896	{ 4	Y_3710	ppm	12.86	0.2994	2.329	13.07	12.64
Li6707	670.784	{ 5	Y_3710	ppm	0.4949	0.0142	2.863	0.505	0.4849
Mg2790	279.079	{1	Y_3710	ppm	4.853	0.0736	1.517	4.801	4.905
Mn2576	257.610	{1	Y_3600	ppm	0.4903	0.0006	0.1311	0.4908	0.4899
Mn2576-2	257.610	{1	Y_3710	ppm	0.4659	0.0074	1.595	0.4607	0.4712
Mo2020	202.030	{4	Y_2243	ppm	0.4808	0.0005	0.0978	0.4811	0.4804
Na5895	589.592	{ 5	Y_3710	ppm	12.74	0.351	2.756	12.98	12.49
Na8183	818.326	{ 4	Y_3710	ppm	12.59	0.1698	1.348	12.71	12.47
Ni2316	231.604	{4	In2306	ppm	0.4775	0.0012	0.2568	0.4784	0.4767
P_1782	178.284	{4	In2306	ppm	0.0029	0.0009	30.7	0.0036	0.0023
Pb2203	220.353	{4	In2306	ppm	0.483	0.0008	0.1729	0.4836	0.4824
S_1820	182.034	{4	Y_2243	ppm	-43.05	0.2854	0.6631	-42.85	-43.25
Sb2068	206.833	{4	Y_2243	ppm	0.4698	0.0008	0.1794	0.4692	0.4704
Se1960	196.090	{4	Y_2243	ppm	0.4784	0.003	0.6188	0.4763	0.4805
Si2516	251.611	{1	Y_3710	ppm	0.8067	0.0153	1.897	0.7959	0.8175
Sn1899	189.989	{4	In2306	ppm	0.5046	0.0022	0.4305	0.5061	0.5031
Sr4215	421.552	{ 8	Y_3710	ppm	0.2428	0.0002	0.0958	0.243	0.2426
Ti3349	334.904	{1	Y_3600	ppm	0.5103	0.0002	0.035	0.5102	0.5104
Tl1908	190.856	{4	In2306	ppm	0.4988	0.0052	1.034	0.5025	0.4952
V_2924	292.402	{1	Y_3600	ppm	0.5126	0.0004	0.0736	0.5123	0.5128
Zn2062	206.200	{4	In2306	ppm	0.491	0.0009	0.188	0.4916	0.4903

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	59.516	0.27993	0.47034	59.714	59.318
In2306	230.606	{4	Cts/S	9611.1	2.1392	0.02226	9609.6	9612.7
Y_2243	224.306	{4	Cts/S	12736	7.0632	0.05546	12741	12731
Y_3600	360.073	{ 9	Cts/S	46799	94.167	0.20121	46866	46733
Y_3710	371.030	{ 9	Cts/S	8477.8	16.283	0.19206	8466.3	8489.3

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:11:06

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0049	0.0004	7.405	0.0051	0.0046
Al3082	308.215	{1	In2306	ppm	0.0653	0.0126	19.25	0.0564	0.0741
As1890	189.042	{4	Y_2243	ppm	0.0102	0.0016	15.46	0.0091	0.0114
B_2496	249.678	{1	Y_3710	ppm	0.0048	0.0089	184.5	0.0111	-0.0015
Ba4554	455.403	{ 7	Y_3710	ppm	0.0098	0.0002	2.506	0.0099	0.0096
Be3130	313.042	{1	Y_3710	ppm	0.0048	0.0001	1.53	0.0048	0.0047
Ca3158	315.887	{1	In2306	ppm	0.0896	0.0029	3.275	0.0917	0.0876
Ca3181	318.128	{1	In2306	ppm	0.1308	0.0094	7.175	0.1374	0.1241
Cd2288	228.802	{4	Y_2243	ppm	0.0067	0.0027	40.24	0.0048	0.0087
Co2286	228.616	{4	In2306	ppm	0.0121	0.003	24.59	0.01	0.0142
Cr2677	267.716	{1	Y_3600	ppm	0.0093	0.0004	4.63	0.009	0.0096
Cu3247	324.754	{1	Y_3600	ppm	0.0077	0.0008	10.77	0.0083	0.0071
Fe2404	240.488	{1	In2306	ppm	0.0773	0.0154	19.96	0.0664	0.0883
K_7664	766.490	{ 4	Y_3710	ppm	0.6487	0.0078	1.207	0.6432	0.6542
K_7698	769.896	{ 4	Y_3710	ppm	0.3471	0.0112	3.217	0.3392	0.355
Li6707	670.784	{ 5	Y_3710	ppm	0.0098	0	0.3626	0.0099	0.0098
Mg2790	279.079	{1	Y_3710	ppm	0.1358	0.0419	30.89	0.1654	0.1061
Mn2576	257.610	{1	Y_3600	ppm	0.0103	0.0002	1.702	0.0104	0.0101
Mn2576-2	257.610	{1	Y_3710	ppm	0.0098	0.0009	9.459	0.0105	0.0092
Mo2020	202.030	{4	Y_2243	ppm	0.0133	0.0036	27.22	0.0107	0.0159
Na5895	589.592	{ 5	Y_3710	ppm	0.8339	0.0014	0.1639	0.8348	0.8329
Na8183	818.326	{ 4	Y_3710	ppm	0.8888	0.0741	8.335	0.9412	0.8364
Ni2316	231.604	{4	In2306	ppm	0.0114	0.0031	27.51	0.0092	0.0136
P_1782	178.284	{4	In2306	ppm	0.0132	0.0012	9.043	0.0141	0.0124
Pb2203	220.353	{4	In2306	ppm	0.0123	0.0017	13.74	0.0111	0.0135
S_1820	182.034	{4	Y_2243	ppm	-0.686	0.1216	17.73	-0.6	-0.772
Sb2068	206.833	{4	Y_2243	ppm	0.0189	0.0007	3.962	0.0183	0.0194
Se1960	196.090	{4	Y_2243	ppm	0.0106	0.0007	6.502	0.0101	0.0111
Si2516	251.611	{1	Y_3710	ppm	-0.0253	0.0216	85.21	-0.0101	-0.0406
Sn1899	189.989	{4	In2306	ppm	0.0127	0.0037	29.15	0.0101	0.0153
Sr4215	421.552	{ 8	Y_3710	ppm	0.0048	0.0003	5.591	0.005	0.0046
Ti3349	334.904	{1	Y_3600	ppm	0.0104	0.0001	0.8702	0.0104	0.0103
Tl1908	190.856	{4	In2306	ppm	0.0157	0.0045	28.28	0.0126	0.0189
V_2924	292.402	{1	Y_3600	ppm	0.0108	0.0001	0.4718	0.0108	0.0108
Zn2062	206.200	{4	In2306	ppm	0.0106	0.0028	26.01	0.0087	0.0126

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	59.892	0.71019	1.1858	60.394	59.39
In2306	230.606	{4	Cts/S	10211	2.0427	0.02001	10212	10209
Y_2243	224.306	{4	Cts/S	12964	8.3326	0.06427	12958	12970
Y_3600	360.073	{ 9	Cts/S	46043	194.97	0.42345	45905	46181
Y_3710	371.030	{ 9	Cts/S	8639.7	26.039	0.30139	8658.1	8621.2

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/25/2012 10:13:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0005	71.31	0.001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.048	0.0358	74.54	-0.0733	-0.0227
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0004	238.3	0.0001	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.0001	0.0183	24030	-0.0128	0.013
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	205.7	0	0.0002
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0	7.134	-0.0003	-0.0003
Ca3158	315.887 {1	In2306	ppm	0.0086	0.0027	31	0.0104	0.0067
Ca3181	318.128 {1	In2306	ppm	0.1718	0.0648	37.73	0.2177	0.126
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0005	153.8	0	0.0007
Co2286	228.616 {4	In2306	ppm	0.0006	0.0004	68.68	0.0003	0.0009
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0007	517.2	-0.0006	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0023	0.0006	26.82	-0.0019	-0.0028
Fe2404	240.488 {1	In2306	ppm	-0.0091	0.0077	83.78	-0.0146	-0.0037
K_7664	766.490 { 4	Y_3710	ppm	0.0381	0.0208	54.62	0.0528	0.0234
K_7698	769.896 { 4	Y_3710	ppm	-0.0781	0.0123	15.8	-0.0694	-0.0868
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0004	93.33	0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0335	0.0405	120.8	-0.0622	-0.0049
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	10.01	0.0002	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0.0009	521.6	0.0008	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0009	93.02	0.0003	0.0015
Na5895	589.592 { 5	Y_3710	ppm	0.1812	0.0137	7.579	0.1715	0.1909
Na8183	818.326 { 4	Y_3710	ppm	0.1693	0.0386	22.79	0.1966	0.142
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0004	96.26	0.0001	0.0007
P_1782	178.284 {4	In2306	ppm	0.0011	0.0009	85.93	0.0004	0.0017
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0003	557.1	-0.0003	0.0002
S_1820	182.034 {4	Y_2243	ppm	-1.459	0.0935	6.409	-1.525	-1.393
Sb2068	206.833 {4	Y_2243	ppm	0.0037	0.0009	24.6	0.0044	0.0031
Se1960	196.090 {4	Y_2243	ppm	-0.0007	0.0002	37.42	-0.0008	-0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0236	0.0181	76.91	-0.0108	-0.0364
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0007	115.6	0.0001	0.0011
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	196	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	71.56	0.0001	0.0002
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0008	104.7	0.0002	0.0013
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0008	212.8	-0.0002	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0005	0.0004	92.93	0.0002	0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.978	1.862	3.0535	62.295	59.662
In2306	230.606 {4	Cts/S	10167	54.173	0.53281	10129	10206
Y_2243	224.306 {4	Cts/S	12922	80.819	0.62542	12865	12980
Y_3600	360.073 { 9	Cts/S	46694	2217.8	4.7496	45125	48262
Y_3710	371.030 { 9	Cts/S	8454.3	0.67195	0.00795	8453.9	8454.8

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Username=admin
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0008	803.7	-0.0007	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0382	0.0598	156.6	-0.0804	0.0041
As1890	189.042 {4	Y_2243	ppm	-0.0013	0.0003	22.68	-0.0011	-0.0015
B_2496	249.678 {1	Y_3710	ppm	0.0053	0.0043	80.08	0.0023	0.0084
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0	46.12	-0.0001	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	25.14	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0073	0.0132	182	0.0021	-0.0166
Ca3181	318.128 {1	In2306	ppm	0.0348	0.0107	30.83	0.0272	0.0424
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	104.7	-0.0001	0
Co2286	228.616 {4	In2306	ppm	0	0	21.86	0	0
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	1013	-0.0003	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.001	65.21	-0.0022	-0.0008
Fe2404	240.488 {1	In2306	ppm	-0.021	0.0023	10.86	-0.0194	-0.0226
K_7664	766.490 { 4	Y_3710	ppm	0.0292	0.0037	12.53	0.0266	0.0318
K_7698	769.896 { 4	Y_3710	ppm	-0.3027	0.0061	2.011	-0.2984	-0.307
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0001	33.51	0.0003	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0147	0.0833	565.8	-0.0736	0.0442
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0.0001	7.713	0.0013	0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	0.0012	0.0009	76.61	0.0019	0.0006
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	168.5	0	0.0001
Na5895	589.592 { 5	Y_3710	ppm	0.1624	0.0032	1.987	0.1647	0.1602
Na8183	818.326 { 4	Y_3710	ppm	0.223	0.0795	35.67	0.2793	0.1668
Ni2316	231.604 {4	In2306	ppm	-0.0002	0.0003	145.4	0	-0.0004
P_1782	178.284 {4	In2306	ppm	0.0005	0.0008	173.2	0.0011	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0001	16.41	0.0005	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1.405	0.0189	1.344	-1.391	-1.418
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0009	309.9	-0.0004	0.001
Se1960	196.090 {4	Y_2243	ppm	-0.0013	0.0011	84.63	-0.0021	-0.0005
Si2516	251.611 {1	Y_3710	ppm	-0.0373	0.0052	14.02	-0.0336	-0.041
Sn1899	189.989 {4	In2306	ppm	-0.0007	0	1.307	-0.0007	-0.0007
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0001	73.63	-0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0008	0.0004	51.31	0.001	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0001	125.8	0	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0014	349	0.0014	-0.0006
Zn2062	206.200 {4	In2306	ppm	0.0014	0	2.555	0.0014	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	61.001	2.9739	4.8752	63.104	58.898
In2306	230.606 {4	Cts/S	10292	4.1033	0.03987	10295	10289
Y_2243	224.306 {4	Cts/S	13005	1.8913	0.01454	13006	13004
Y_3600	360.073 { 9	Cts/S	47097	2030.2	4.3107	48532	45661
Y_3710	371.030 { 9	Cts/S	8733.7	27.594	0.31595	8753.2	8714.1

[Sample Header]
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SampleName=LCS 600-70481/2-A
Username=admin
Comment=

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:19:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4839	0.0124	2.57	0.4926	0.4751
Al3082	308.215 {1	In2306	ppm	10.01	0.313	3.126	10.23	9.791
As1890	189.042 {4	Y_2243	ppm	0.9275	0.0075	0.807	0.9223	0.9328
B_2496	249.678 {1	Y_3710	ppm	0.9672	0.0109	1.123	0.9749	0.9595
Ba4554	455.403 { 7	Y_3710	ppm	0.9629	0.0026	0.2658	0.9611	0.9647
Be3130	313.042 {1	Y_3710	ppm	0.4866	0.0003	0.055	0.4864	0.4868
Ca3158	315.887 {1	In2306	ppm	10.06	0.2459	2.445	10.23	9.885
Ca3181	318.128 {1	In2306	ppm	10.17	0.1727	1.697	10.3	10.05
Cd2288	228.802 {4	Y_2243	ppm	0.4681	0.0024	0.5151	0.4664	0.4698
Co2286	228.616 {4	In2306	ppm	0.9573	0.0056	0.587	0.9533	0.9613
Cr2677	267.716 {1	Y_3600	ppm	0.966	0.0329	3.41	0.9893	0.9427
Cu3247	324.754 {1	Y_3600	ppm	0.9525	0.0316	3.319	0.9749	0.9302
Fe2404	240.488 {1	In2306	ppm	9.933	0.2285	2.3	10.09	9.771
K_7664	766.490 { 4	Y_3710	ppm	10.43	0.082	0.7867	10.37	10.48
K_7698	769.896 { 4	Y_3710	ppm	10.4	0.0968	0.9298	10.34	10.47
Li6707	670.784 { 5	Y_3710	ppm	0.5064	0.0056	1.112	0.5025	0.5104
Mg2790	279.079 {1	Y_3710	ppm	9.624	0.0856	0.8898	9.685	9.564
Mn2576	257.610 {1	Y_3600	ppm	0.9512	0.0295	3.101	0.972	0.9303
Mn2576-2	257.610 {1	Y_3710	ppm	0.9265	0.0015	0.1656	0.9276	0.9254
Mo2020	202.030 {4	Y_2243	ppm	0.9317	0.0024	0.2525	0.93	0.9334
Na5895	589.592 { 5	Y_3710	ppm	10.35	0.0822	0.7937	10.3	10.41
Na8183	818.326 { 4	Y_3710	ppm	10.06	0.0069	0.0682	10.06	10.05
Ni2316	231.604 {4	In2306	ppm	0.9287	0.0055	0.5924	0.9249	0.9326
P_1782	178.284 {4	In2306	ppm	0.0001	0.0018	1178	0.0014	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.9432	0.0102	1.085	0.9359	0.9504
S_1820	182.034 {4	Y_2243	ppm	-1.496	0.0669	4.472	-1.449	-1.543
Sb2068	206.833 {4	Y_2243	ppm	0.9072	0.0032	0.3549	0.9049	0.9094
Se1960	196.090 {4	Y_2243	ppm	0.936	0.0106	1.13	0.9285	0.9435
Si2516	251.611 {1	Y_3710	ppm	0.7852	0.0311	3.966	0.7632	0.8073
Sn1899	189.989 {4	In2306	ppm	0.9764	0.0018	0.1802	0.9751	0.9776
Sr4215	421.552 { 8	Y_3710	ppm	0.4764	0.0009	0.1936	0.4757	0.477
Ti3349	334.904 {1	Y_3600	ppm	0.9905	0.0344	3.474	1.015	0.9662
Tl1908	190.856 {4	In2306	ppm	0.947	0.0092	0.9755	0.9535	0.9405
V_2924	292.402 {1	Y_3600	ppm	0.9902	0.0288	2.906	1.011	0.9699
Zn2062	206.200 {4	In2306	ppm	0.9481	0.0044	0.4653	0.9449	0.9512

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	59.266	1.1062	1.8665	58.484	60.048
In2306	230.606 {4	Cts/S	9649.5	104.92	1.0874	9723.7	9575.3
Y_2243	224.306 {4	Cts/S	12822	148.14	1.1553	12927	12717
Y_3600	360.073 { 9	Cts/S	47372	979.67	2.068	46679	48064
Y_3710	371.030 { 9	Cts/S	8462.2	15.94	0.18837	8473.5	8450.9

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Username=admin

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Custom ID2=
Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0009	171	-0.0001	0.0011
Al3082	308.215 {1	In2306	ppm	0.0236	0.003	12.57	0.0215	0.0257
As1890	189.042 {4	Y_2243	ppm	0.0076	0.0073	95.56	0.0025	0.0128
B_2496	249.678 {1	Y_3710	ppm	0.5875	0.0119	2.022	0.5959	0.5791
Ba4554	455.403 { 7	Y_3710	ppm	0.1366	0.0007	0.4771	0.137	0.1361
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	338.7	0.0001	0
Ca3158	315.887 {1	In2306	ppm	374	14.27	3.816	364	384.1
Ca3181	318.128 {1	In2306	ppm	379.5	13.89	3.66	369.7	389.3
Cd2288	228.802 {4	Y_2243	ppm	0.004	0.0047	116.4	0.0007	0.0074
Co2286	228.616 {4	In2306	ppm	0.0276	0.0092	33.22	0.0211	0.0341
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0004	26.5	0.0016	0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0022	0	0.7724	-0.0022	-0.0022
Fe2404	240.488 {1	In2306	ppm	0.3935	0.0533	13.54	0.3558	0.4312
K_7664	766.490 { 4	Y_3710	ppm	3.229	0.0138	0.427	3.238	3.219
K_7698	769.896 { 4	Y_3710	ppm	3.064	0.0313	1.023	3.086	3.042
Li6707	670.784 { 5	Y_3710	ppm	0.0312	0.0001	0.2174	0.0311	0.0312
Mg2790	279.079 {1	Y_3710	ppm	330	0.4921	0.1491	330.4	329.7
Mn2576	257.610 {1	Y_3600	ppm	7.678	0.0083	0.108	7.672	7.684
Mn2576-2	257.610 {1	Y_3710	ppm	8.208	0.0262	0.3188	8.227	8.19
Mo2020	202.030 {4	Y_2243	ppm	0.0102	0.0102	100.1	0.003	0.0174
Na5895	589.592 { 5	Y_3710	ppm	940.2	20.15	2.143	954.4	926
Na8183	818.326 { 4	Y_3710	ppm	1508	0.5304	0.0352	1508	1509
Ni2316	231.604 {4	In2306	ppm	0.0213	0.0089	41.54	0.0151	0.0276
P_1782	178.284 {4	In2306	ppm	0.1008	0.0026	2.559	0.1027	0.099
Pb2203	220.353 {4	In2306	ppm	0.0056	0.0073	131.2	0.0004	0.0108
S_1820	182.034 {4	Y_2243	ppm	-3228	24.01	0.7436	-3245	-3211
Sb2068	206.833 {4	Y_2243	ppm	0.0203	0.0065	32.02	0.0157	0.0249
Se1960	196.090 {4	Y_2243	ppm	0.0084	0.0086	101.7	0.0024	0.0145
Si2516	251.611 {1	Y_3710	ppm	6.278	0.0877	1.397	6.34	6.216
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0109	108	0.0024	0.0177
Sr4215	421.552 { 8	Y_3710	ppm	3.503	0.011	0.3136	3.511	3.495
Ti3349	334.904 {1	Y_3600	ppm	0.0036	0	1.202	0.0036	0.0036
Tl1908	190.856 {4	In2306	ppm	0.0021	0.015	715.2	-0.0085	0.0127
V_2924	292.402 {1	Y_3600	ppm	-0.004	0.0003	6.636	-0.0042	-0.0038
Zn2062	206.200 {4	In2306	ppm	0.0113	0.0098	86.78	0.0044	0.0183

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.75	1.7096	3.241	53.959	51.541
In2306	230.606 {4	Cts/S	6603.2	21.235	0.32159	6588.2	6618.2
Y_2243	224.306 {4	Cts/S	9736.9	15.965	0.16396	9725.6	9748.2
Y_3600	360.073 { 9	Cts/S	48406	12.483	0.02579	48397	48414
Y_3710	371.030 { 9	Cts/S	7841.3	32.992	0.42074	7818	7864.7

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Custom ID3=
Run Time=1/25/2012 10:24:08
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0003	0.0008	260.8	-0.0002	0.0008
Al3082	308.215	{1	In2306	ppm	0.0447	0.0733	163.8	0.0965	-0.0071
As1890	189.042	{4	Y_2243	ppm	0.0015	0.0008	56.91	0.0009	0.0021
B_2496	249.678	{1	Y_3710	ppm	0.3886	0.0034	0.863	0.391	0.3862
Ba4554	455.403	{ 7	Y_3710	ppm	0.0466	0.0002	0.5078	0.0468	0.0464
Be3130	313.042	{1	Y_3710	ppm	-0.0002	0	17.16	-0.0002	-0.0002
Ca3158	315.887	{1	In2306	ppm	654.7	10.4	1.589	647.4	662.1
Ca3181	318.128	{1	In2306	ppm	667	9.863	1.479	660	673.9
Cd2288	228.802	{4	Y_2243	ppm	0.0013	0.0004	34.04	0.001	0.0016
Co2286	228.616	{4	In2306	ppm	0.0015	0.0008	56.03	0.0009	0.0021
Cr2677	267.716	{1	Y_3600	ppm	0.0013	0.0009	71.14	0.0007	0.002
Cu3247	324.754	{1	Y_3600	ppm	-0.0018	0.0001	7.739	-0.0019	-0.0017
Fe2404	240.488	{1	In2306	ppm	0.022	0.0055	25.14	0.0181	0.0259
K_7664	766.490	{ 4	Y_3710	ppm	3.869	0.0685	1.77	3.917	3.821
K_7698	769.896	{ 4	Y_3710	ppm	3.757	0.0637	1.697	3.802	3.712
Li6707	670.784	{ 5	Y_3710	ppm	0.0634	0.0012	1.97	0.0643	0.0625
Mg2790	279.079	{1	Y_3710	ppm	541.9	2.004	0.3698	543.3	540.4
Mn2576	257.610	{1	Y_3600	ppm	3.776	0.004	0.1064	3.773	3.779
Mn2576-2	257.610	{1	Y_3710	ppm	4.18	0.0015	0.0351	4.179	4.181
Mo2020	202.030	{4	Y_2243	ppm	0.0021	0.001	46.67	0.0014	0.0027
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	4564	6.794	0.1489	4568	4559
Ni2316	231.604	{4	In2306	ppm	0.0054	0.0012	22.09	0.0045	0.0062
P_1782	178.284	{4	In2306	ppm	0.1101	0.0021	1.902	0.1116	0.1087
Pb2203	220.353	{4	In2306	ppm	-0.0006	0.0007	125.2	-0.0001	-0.0011
S_1820	182.034	{4	Y_2243	ppm	-27690	340.4	1.229	-27930	-27450
Sb2068	206.833	{4	Y_2243	ppm	0.0043	0.0014	32.87	0.0033	0.0054
Se1960	196.090	{4	Y_2243	ppm	0.0034	0.0013	37.77	0.0025	0.0044
Si2516	251.611	{1	Y_3710	ppm	8.768	0.0466	0.5314	8.801	8.735
Sn1899	189.989	{4	In2306	ppm	0.0004	0.0001	32.22	0.0003	0.0005
Sr4215	421.552	{ 8	Y_3710	ppm	5.049	0.008	0.1577	5.055	5.044
Ti3349	334.904	{1	Y_3600	ppm	0.0045	0.0002	3.461	0.0046	0.0044
Tl1908	190.856	{4	In2306	ppm	-0.0051	0.001	20.25	-0.0058	-0.0044
V_2924	292.402	{1	Y_3600	ppm	-0.0035	0	0.68	-0.0035	-0.0035
Zn2062	206.200	{4	In2306	ppm	0.006	0.0007	10.85	0.0056	0.0065

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.555	0.58364	1.1545	50.968	50.142
In2306	230.606	{4	Cts/S	5460.4	24.941	0.45677	5442.8	5478
Y_2243	224.306	{4	Cts/S	8420.7	61.389	0.72903	8377.3	8464.1
Y_3600	360.073	{ 9	Cts/S	46297	98.979	0.21379	46367	46227
Y_3710	371.030	{ 9	Cts/S	7392.4	26.309	0.35589	7373.8	7411

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Custom ID3=
Run Time=1/25/2012 10:26:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0004	0.0006	146.8	0	0.0008
Al3082	308.215	{1	In2306	ppm	0.0466	0.0104	22.3	0.0392	0.0539
As1890	189.042	{4	Y_2243	ppm	-0.0013	0.0002	17.44	-0.0014	-0.0011
B_2496	249.678	{1	Y_3710	ppm	0.2865	0.0024	0.8545	0.2848	0.2882
Ba4554	455.403	{ 7	Y_3710	ppm	0.4829	0.002	0.4096	0.4843	0.4815
Be3130	313.042	{1	Y_3710	ppm	0	0	756	0	0
Ca3158	315.887	{1	In2306	ppm	2237	21.38	0.9558	2252	2222
Ca3181	318.128	{1	In2306	ppm	2437	23.48	0.9635	2454	2420
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0.0002	54.41	0.0002	0.0004
Co2286	228.616	{4	In2306	ppm	-0.0003	0.0004	125.7	0	-0.0006
Cr2677	267.716	{1	Y_3600	ppm	0.001	0.0001	7.375	0.0009	0.001
Cu3247	324.754	{1	Y_3600	ppm	-0.002	0.0002	9.217	-0.0022	-0.0019
Fe2404	240.488	{1	In2306	ppm	0.0455	0.0239	52.52	0.0624	0.0286
K_7664	766.490	{ 4	Y_3710	ppm	16.12	0.0564	0.3497	16.16	16.08
K_7698	769.896	{ 4	Y_3710	ppm	16.8	0.0212	0.1264	16.79	16.82
Li6707	670.784	{ 5	Y_3710	ppm	0.2794	0.0021	0.7415	0.2809	0.278
Mg2790	279.079	{1	Y_3710	ppm	210.5	0.6481	0.3079	210	211
Mn2576	257.610	{1	Y_3600	ppm	0.486	0.0011	0.2211	0.4852	0.4867
Mn2576-2	257.610	{1	Y_3710	ppm	0.5176	0	0.0021	0.5176	0.5176
Mo2020	202.030	{4	Y_2243	ppm	0.0024	0.0001	2.058	0.0025	0.0024
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	1084
Na8183	818.326	{ 4	Y_3710	ppm	1953	7.629	0.3907	1958	1947
Ni2316	231.604	{4	In2306	ppm	0.0039	0.0001	3.542	0.004	0.0038
P_1782	178.284	{4	In2306	ppm	0.1057	0.002	1.906	0.1042	0.1071
Pb2203	220.353	{4	In2306	ppm	-0.001	0.0013	132.1	-0.0001	-0.0019
S_1820	182.034	{4	Y_2243	ppm	-7655	126.9	1.658	-7565	-7745
Sb2068	206.833	{4	Y_2243	ppm	-0.0007	0.0022	330.5	0.0009	-0.0023
Se1960	196.090	{4	Y_2243	ppm	0.0029	0.0006	21.3	0.0033	0.0024
Si2516	251.611	{1	Y_3710	ppm	2.275	0.0306	1.347	2.297	2.253
Sn1899	189.989	{4	In2306	ppm	-0.0001	0	1.639	-0.0001	-0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	8.114	0.0614	0.7565	8.07	8.157
Ti3349	334.904	{1	Y_3600	ppm	0.011	0.0014	12.25	0.012	0.0101
Tl1908	190.856	{4	In2306	ppm	0.0002	0.0017	800.6	0.0014	-0.001
V_2924	292.402	{1	Y_3600	ppm	-0.0011	0.0004	37.63	-0.0008	-0.0014
Zn2062	206.200	{4	In2306	ppm	0.0034	0.0002	5.379	0.0035	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	49.201	0.71714	1.4576	48.693	49.708
In2306	230.606	{4	Cts/S	5765.6	14.279	0.24766	5775.7	5755.5
Y_2243	224.306	{4	Cts/S	8734	16.957	0.19415	8746	8722
Y_3600	360.073	{ 9	Cts/S	47016	145.88	0.31027	47119	46913
Y_3710	371.030	{ 9	Cts/S	7511	2.0977	0.02793	7509.5	7512.5

[Sample Header]

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:29:33
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0007	0	3.069	0.0007	0.0007
Al3082	308.215	{1	In2306	ppm	0.0068	0.0001	1.485	0.0068	0.0069
As1890	189.042	{4	Y_2243	ppm	-0.0028	0.0009	31.1	-0.0022	-0.0034
B_2496	249.678	{1	Y_3710	ppm	0.5125	0.013	2.546	0.5033	0.5217
Ba4554	455.403	{ 7	Y_3710	ppm	0.0421	0.0002	0.4753	0.0422	0.0419
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0.0001	170.2	0	-0.0002
Ca3158	315.887	{1	In2306	ppm	387.6	5.484	1.415	383.7	391.5
Ca3181	318.128	{1	In2306	ppm	394.8	5.816	1.473	390.7	399
Cd2288	228.802	{4	Y_2243	ppm	0.0005	0.0001	15.56	0.0004	0.0005
Co2286	228.616	{4	In2306	ppm	0.0002	0.0002	64.35	0.0001	0.0003
Cr2677	267.716	{1	Y_3600	ppm	0.001	0.0002	20.34	0.0011	0.0009
Cu3247	324.754	{1	Y_3600	ppm	-0.0016	0	0.4074	-0.0016	-0.0016
Fe2404	240.488	{1	In2306	ppm	-0.0126	0.0061	48.42	-0.0083	-0.017
K_7664	766.490	{ 4	Y_3710	ppm	5.099	0.0206	0.4036	5.114	5.085
K_7698	769.896	{ 4	Y_3710	ppm	4.98	0.0404	0.8114	5.009	4.952
Li6707	670.784	{ 5	Y_3710	ppm	0.0414	0.0002	0.4478	0.0416	0.0413
Mg2790	279.079	{1	Y_3710	ppm	269.9	1.093	0.4048	269.2	270.7
Mn2576	257.610	{1	Y_3600	ppm	0.0576	0.0002	0.373	0.0577	0.0574
Mn2576-2	257.610	{1	Y_3710	ppm	0.0595	0.0012	2.025	0.0604	0.0586
Mo2020	202.030	{4	Y_2243	ppm	0.0003	0.0003	86.66	0.0001	0.0005
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	920.8	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	1494	0.8426	0.0564	1495	1493
Ni2316	231.604	{4	In2306	ppm	0.0032	0	0.1384	0.0032	0.0032
P_1782	178.284	{4	In2306	ppm	0.1703	0.0009	0.5491	0.1696	0.171
Pb2203	220.353	{4	In2306	ppm	-0.0018	0.0002	8.67	-0.0019	-0.0017
S_1820	182.034	{4	Y_2243	ppm	-6638	21.65	0.3261	-6653	-6623
Sb2068	206.833	{4	Y_2243	ppm	0.0002	0.0017	900.3	-0.001	0.0014
Se1960	196.090	{4	Y_2243	ppm	0.0016	0.0012	76.01	0.0025	0.0008
Si2516	251.611	{1	Y_3710	ppm	8	0.0176	0.2197	7.988	8.013
Sn1899	189.989	{4	In2306	ppm	-0.0003	0.0007	192.5	-0.0008	0.0001
Sr4215	421.552	{ 8	Y_3710	ppm	2.279	0.0043	0.1887	2.282	2.276
Ti3349	334.904	{1	Y_3600	ppm	0.0022	0.0007	30.33	0.0027	0.0018
Tl1908	190.856	{4	In2306	ppm	0	0.0027	10550	0.0019	-0.0019
V_2924	292.402	{1	Y_3600	ppm	-0.0018	0.001	55.33	-0.0025	-0.0011
Zn2062	206.200	{4	In2306	ppm	0.0076	0	0.3166	0.0076	0.0076

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	51.091	0.48213	0.94366	51.432	50.75
In2306	230.606	{4	Cts/S	6594.4	25.558	0.38758	6612.4	6576.3
Y_2243	224.306	{4	Cts/S	9849.8	4.0747	0.04137	9852.7	9846.9
Y_3600	360.073	{ 9	Cts/S	47838	109.18	0.22823	47761	47916
Y_3710	371.030	{ 9	Cts/S	7703.1	6.6857	0.08679	7698.3	7707.8

[Sample Header]
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 10:32:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0	8.669	0.0001	0.0001
Al3082	308.215	{1	In2306	ppm	0.0592	0.0055	9.315	0.0553	0.0631
As1890	189.042	{4	Y_2243	ppm	-0.001	0.0007	69.38	-0.0005	-0.0014
B_2496	249.678	{1	Y_3710	ppm	0.454	0.0117	2.581	0.4457	0.4623
Ba4554	455.403	{ 7	Y_3710	ppm	0.0955	0.0001	0.1165	0.0956	0.0955
Be3130	313.042	{1	Y_3710	ppm	-0.0003	0	5.879	-0.0003	-0.0003
Ca3158	315.887	{1	In2306	ppm	1382	57.79	4.18	1341	1423
Ca3181	318.128	{1	In2306	ppm	1454	60.19	4.138	1412	1497
Cd2288	228.802	{4	Y_2243	ppm	0.0004	0.0001	19.58	0.0005	0.0004
Co2286	228.616	{4	In2306	ppm	0.0067	0.0003	4.366	0.007	0.0065
Cr2677	267.716	{1	Y_3600	ppm	0.0012	0.0006	49.47	0.0017	0.0008
Cu3247	324.754	{1	Y_3600	ppm	-0.0029	0.0004	14.32	-0.0026	-0.0032
Fe2404	240.488	{1	In2306	ppm	0.2306	0.0245	10.61	0.2133	0.2479
K_7664	766.490	{ 4	Y_3710	ppm	14.59	0.0614	0.4204	14.64	14.55
K_7698	769.896	{ 4	Y_3710	ppm	15.14	0.0974	0.6435	15.21	15.07
Li6707	670.784	{ 5	Y_3710	ppm	0.2363	0.001	0.4074	0.237	0.2356
Mg2790	279.079	{1	Y_3710	ppm	813.7	1.715	0.2107	814.9	812.5
Mn2576	257.610	{1	Y_3600	ppm	3.997	0.016	0.4015	3.986	4.009
Mn2576-2	257.610	{1	Y_3710	ppm	4.264	0.0119	0.2786	4.272	4.255
Mo2020	202.030	{4	Y_2243	ppm	0.0014	0.0001	10.57	0.0015	0.0013
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	3702	36.52	0.9865	3676	3728
Ni2316	231.604	{4	In2306	ppm	0.0021	0.0004	17.93	0.0024	0.0019
P_1782	178.284	{4	In2306	ppm	0.1035	0.0033	3.145	0.1058	0.1012
Pb2203	220.353	{4	In2306	ppm	-0.0013	0.0004	31.04	-0.0016	-0.001
S_1820	182.034	{4	Y_2243	ppm	-18050	96.6	0.5353	-18110	-17980
Sb2068	206.833	{4	Y_2243	ppm	-0.0003	0.0001	21.85	-0.0003	-0.0004
Se1960	196.090	{4	Y_2243	ppm	0.0034	0.0004	11.33	0.0032	0.0037
Si2516	251.611	{1	Y_3710	ppm	9.06	0.0166	0.1833	9.048	9.072
Sn1899	189.989	{4	In2306	ppm	0.0008	0	5.3	0.0007	0.0008
Sr4215	421.552	{ 8	Y_3710	ppm	10.56	0.0143	0.1351	10.57	10.55
Ti3349	334.904	{1	Y_3600	ppm	0.0072	0.0009	12.12	0.0079	0.0066
Tl1908	190.856	{4	In2306	ppm	-0.006	0.0017	28.58	-0.0048	-0.0072
V_2924	292.402	{1	Y_3600	ppm	-0.0059	0	0.3512	-0.0059	-0.0059
Zn2062	206.200	{4	In2306	ppm	0.0061	0.0004	6.492	0.0064	0.0058

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	45.775	1.7954	3.9223	47.045	44.505
In2306	230.606	{4	Cts/S	5352.6	1.5423	0.02881	5351.5	5353.7
Y_2243	224.306	{4	Cts/S	8283.3	24	0.28973	8300.3	8266.4
Y_3600	360.073	{ 9	Cts/S	44872	7.4806	0.01667	44867	44877
Y_3710	371.030	{ 9	Cts/S	7271.4	21.977	0.30223	7255.9	7286.9

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0007	0.0009	132.8	0	0.0013
Al3082	308.215	{1	In2306	ppm	-0.0028	0.0605	2172	-0.0456	0.04
As1890	189.042	{4	Y_2243	ppm	-0.0001	0.0017	1795	-0.0013	0.0011
B_2496	249.678	{1	Y_3710	ppm	0.6095	0.0004	0.0662	0.6098	0.6092
Ba4554	455.403	{ 7	Y_3710	ppm	0.0574	0.0001	0.1829	0.0575	0.0573
Be3130	313.042	{1	Y_3710	ppm	0	0.0002	3227	0.0002	-0.0002
Ca3158	315.887	{1	In2306	ppm	1153	50.3	4.362	1189	1118
Ca3181	318.128	{1	In2306	ppm	1196	52	4.346	1233	1160
Cd2288	228.802	{4	Y_2243	ppm	0.0004	0.0001	12.85	0.0005	0.0004
Co2286	228.616	{4	In2306	ppm	0.0062	0.0001	1.007	0.0062	0.0061
Cr2677	267.716	{1	Y_3600	ppm	0.0011	0	4.342	0.0011	0.0012
Cu3247	324.754	{1	Y_3600	ppm	-0.0032	0.0003	9.486	-0.003	-0.0034
Fe2404	240.488	{1	In2306	ppm	0.3	0.0197	6.55	0.2861	0.3139
K_7664	766.490	{ 4	Y_3710	ppm	7.768	0.0578	0.7442	7.809	7.728
K_7698	769.896	{ 4	Y_3710	ppm	7.893	0.048	0.6079	7.927	7.859
Li6707	670.784	{ 5	Y_3710	ppm	0.1636	0.0011	0.6994	0.1644	0.1628
Mg2790	279.079	{1	Y_3710	ppm	799.3	1.384	0.1731	798.3	800.2
Mn2576	257.610	{1	Y_3600	ppm	2.351	0.0087	0.369	2.345	2.357
Mn2576-2	257.610	{1	Y_3710	ppm	2.535	0.0057	0.2268	2.531	2.539
Mo2020	202.030	{4	Y_2243	ppm	0.0012	0	1.919	0.0012	0.0012
Na5895	589.592	{ 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326	{ 4	Y_3710	ppm	5436	13.82	0.2542	5427	5446
Ni2316	231.604	{4	In2306	ppm	0.0007	0	0.3933	0.0007	0.0008
P_1782	178.284	{4	In2306	ppm	0.1489	0.0001	0.0921	0.149	0.1488
Pb2203	220.353	{4	In2306	ppm	-0.0012	0.0024	195	0.0005	-0.0029
S_1820	182.034	{4	Y_2243	ppm	-25390	361.2	1.422	-25650	-25140
Sb2068	206.833	{4	Y_2243	ppm	-0.0022	0.0016	71.57	-0.0033	-0.0011
Se1960	196.090	{4	Y_2243	ppm	0.0029	0.0015	52.78	0.004	0.0018
Si2516	251.611	{1	Y_3710	ppm	9.493	0.0246	0.2591	9.476	9.511
Sn1899	189.989	{4	In2306	ppm	0.0001	0.0002	191.7	0.0003	0
Sr4215	421.552	{ 8	Y_3710	ppm	8.704	0.0125	0.1442	8.695	8.713
Ti3349	334.904	{1	Y_3600	ppm	0.0069	0.0005	6.903	0.0065	0.0072
Tl1908	190.856	{4	In2306	ppm	-0.0048	0.0006	12.19	-0.0052	-0.0043
V_2924	292.402	{1	Y_3600	ppm	-0.0051	0	0.0269	-0.0051	-0.0051
Zn2062	206.200	{4	In2306	ppm	0.0047	0.0001	2.231	0.0048	0.0047

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	46.38	2.1031	4.5344	44.893	47.867
In2306	230.606	{4	Cts/S	5090.7	31.057	0.61007	5068.8	5112.7
Y_2243	224.306	{4	Cts/S	7973.6	50.149	0.62894	7938.1	8009.1
Y_3600	360.073	{ 9	Cts/S	44473	188.25	0.42329	44606	44340

Y_3710	371.030 { 9	Cts/S	7141.3	3.039	0.04255	7139.1	7143.4	

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0009	0.0001	9.224	0.001	0.0009
Al3082	308.215 {1	In2306	ppm	0.1064	0.062	58.26	0.0626	0.1502
As1890	189.042 {4	Y_2243	ppm	-0.0011	0.0001	5.481	-0.0011	-0.001
B_2496	249.678 {1	Y_3710	ppm	0.6328	0.036	5.686	0.6073	0.6582
Ba4554	455.403 { 7	Y_3710	ppm	0.0517	0.0019	3.747	0.0503	0.053
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	53.56	-0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	1214	124.1	10.22	1126	1301
Ca3181	318.128 {1	In2306	ppm	1264	128.6	10.17	1173	1355
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	37.15	0.0005	0.0003
Co2286	228.616 {4	In2306	ppm	0.0045	0	0.8472	0.0045	0.0045
Cr2677	267.716 {1	Y_3600	ppm	0.0014	0.0007	47.53	0.0018	0.0009
Cu3247	324.754 {1	Y_3600	ppm	-0.0031	0.0002	6.159	-0.003	-0.0032
Fe2404	240.488 {1	In2306	ppm	0.4195	0.0401	9.551	0.3912	0.4478
K_7664	766.490 { 4	Y_3710	ppm	11.6	0.2387	2.057	11.44	11.77
K_7698	769.896 { 4	Y_3710	ppm	11.95	0.2709	2.267	11.76	12.14
Li6707	670.784 { 5	Y_3710	ppm	0.1543	0.0036	2.332	0.1518	0.1569
Mg2790	279.079 {1	Y_3710	ppm	900.2	45.02	5.001	868.4	932
Mn2576	257.610 {1	Y_3600	ppm	1.919	0.0033	0.1697	1.921	1.916
Mn2576-2	257.610 {1	Y_3710	ppm	2.136	0.1028	4.813	2.064	2.209
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0001	14.62	0.0008	0.001
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	5406	229.9	4.254	5243	5568
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0004	35.6	0.0015	0.0009
P_1782	178.284 {4	In2306	ppm	0.1782	0.0057	3.188	0.1822	0.1741
Pb2203	220.353 {4	In2306	ppm	-0.0011	0.0024	218.5	-0.0028	0.0006
S_1820	182.034 {4	Y_2243	ppm	-26470	31.62	0.1194	-26500	-26450
Sb2068	206.833 {4	Y_2243	ppm	-0.0025	0.0001	3.344	-0.0024	-0.0026
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0021	357.9	0.002	-0.0009
Si2516	251.611 {1	Y_3710	ppm	9.962	0.3215	3.227	9.735	10.19
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0002	47.17	-0.0003	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	9.643	0.1356	1.406	9.547	9.739
Ti3349	334.904 {1	Y_3600	ppm	0.0069	0.0006	8.189	0.0073	0.0065
Tl1908	190.856 {4	In2306	ppm	-0.0061	0.0018	29.51	-0.0073	-0.0048
V_2924	292.402 {1	Y_3600	ppm	-0.0062	0.0001	2.071	-0.0063	-0.0061
Zn2062	206.200 {4	In2306	ppm	0.005	0	0.381	0.005	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	43.584	3.6632	8.4049	46.175	40.994
In2306	230.606 {4	Cts/S	5083.9	20.231	0.39795	5069.6	5098.2
Y_2243	224.306 {4	Cts/S	7926.7	35.22	0.44433	7901.8	7951.6

Y_3600	360.073 { 9	Cts/S	44728	245	0.54776	44554	44901
Y_3710	371.030 { 9	Cts/S	6889.7	239.01	3.4691	7058.7	6720.7

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0006	3563	0.0004	-0.0004
Al3082	308.215 {1	In2306	ppm	0.2124	0.0069	3.231	0.2075	0.2172
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0009	49.37	0.0026	0.0012
B_2496	249.678 {1	Y_3710	ppm	0.5297	0.0192	3.629	0.5433	0.5161
Ba4554	455.403 { 7	Y_3710	ppm	0.057	0.0002	0.4199	0.0568	0.0571
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	24.22	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	620.8	15.54	2.503	609.8	631.7
Ca3181	318.128 {1	In2306	ppm	633.2	15.73	2.483	622.1	644.3
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0	10.79	0.0004	0.0004
Co2286	228.616 {4	In2306	ppm	0.0037	0.0001	2.039	0.0038	0.0037
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0005	40.78	0.0009	0.0017
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0.0004	16.27	-0.0024	-0.0031
Fe2404	240.488 {1	In2306	ppm	0.2188	0.0084	3.845	0.2128	0.2247
K_7664	766.490 { 4	Y_3710	ppm	6.184	0.0113	0.1835	6.192	6.175
K_7698	769.896 { 4	Y_3710	ppm	6.156	0.0273	0.4437	6.137	6.175
Li6707	670.784 { 5	Y_3710	ppm	0.0967	0.0004	0.3707	0.0964	0.097
Mg2790	279.079 {1	Y_3710	ppm	483.5	1.098	0.2271	482.7	484.3
Mn2576	257.610 {1	Y_3600	ppm	1.87	0.0035	0.1886	1.873	1.868
Mn2576-2	257.610 {1	Y_3710	ppm	1.952	0.003	0.1561	1.954	1.95
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0001	16.54	0.001	0.0008
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2702	7.405	0.274	2697	2708
Ni2316	231.604 {4	In2306	ppm	0.004	0	0.792	0.004	0.0039
P_1782	178.284 {4	In2306	ppm	0.0906	0.0018	2.014	0.0919	0.0893
Pb2203	220.353 {4	In2306	ppm	-0.0014	0.0021	153.5	0.0001	-0.0029
S_1820	182.034 {4	Y_2243	ppm	-12590	31.81	0.2527	-12560	-12610
Sb2068	206.833 {4	Y_2243	ppm	-0.0004	0	4.202	-0.0004	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0012	0.0005	41.39	0.0016	0.0009
Si2516	251.611 {1	Y_3710	ppm	9.637	0.044	0.4571	9.606	9.668
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0006	148.8	0	-0.0009
Sr4215	421.552 { 8	Y_3710	ppm	4.795	0.0021	0.0442	4.793	4.796
Ti3349	334.904 {1	Y_3600	ppm	0.007	0.0005	7.466	0.0074	0.0067
Tl1908	190.856 {4	In2306	ppm	-0.0057	0.0031	54.93	-0.0078	-0.0035
V_2924	292.402 {1	Y_3600	ppm	-0.0031	0.0004	13.44	-0.0028	-0.0034
Zn2062	206.200 {4	In2306	ppm	0.011	0	0.3786	0.011	0.0109

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.459	0.99013	2.0863	48.159	46.759
In2306	230.606 {4	Cts/S	5894.5	14.236	0.24152	5904.6	5884.5

Y_2243	224.306 {4	Cts/S	8880.4	27.998	0.31528	8900.2	8860.6
Y_3600	360.073 { 9	Cts/S	46854	177.26	0.37832	46729	46979
Y_3710	371.030 { 9	Cts/S	7324.8	2.8436	0.03882	7322.8	7326.8

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2439	0.0004	0.184	0.2442	0.2436
Al3082	308.215 {1	In2306	ppm	2.686	0.0028	0.1056	2.688	2.684
As1890	189.042 {4	Y_2243	ppm	0.4749	0.0001	0.0179	0.4749	0.475
B_2496	249.678 {1	Y_3710	ppm	0.4562	0.0153	3.358	0.4454	0.4671
Ba4554	455.403 { 7	Y_3710	ppm	0.4843	0.0026	0.5408	0.4825	0.4862
Be3130	313.042 {1	Y_3710	ppm	0.4886	0.0008	0.1649	0.4881	0.4892
Ca3158	315.887 {1	In2306	ppm	13.42	0.3272	2.438	13.65	13.19
Ca3181	318.128 {1	In2306	ppm	13.6	0.2965	2.18	13.81	13.39
Cd2288	228.802 {4	Y_2243	ppm	0.4774	0.002	0.4141	0.4788	0.476
Co2286	228.616 {4	In2306	ppm	0.4869	0.0012	0.2457	0.4877	0.486
Cr2677	267.716 {1	Y_3600	ppm	0.493	0.002	0.4028	0.4944	0.4916
Cu3247	324.754 {1	Y_3600	ppm	0.485	0.0029	0.5915	0.487	0.483
Fe2404	240.488 {1	In2306	ppm	2.563	0.0559	2.181	2.602	2.523
K_7664	766.490 { 4	Y_3710	ppm	12.97	0.192	1.48	12.84	13.11
K_7698	769.896 { 4	Y_3710	ppm	13.11	0.1181	0.9011	13.02	13.19
Li6707	670.784 { 5	Y_3710	ppm	0.511	0.0105	2.062	0.5036	0.5185
Mg2790	279.079 {1	Y_3710	ppm	4.871	0.0329	0.6748	4.848	4.894
Mn2576	257.610 {1	Y_3600	ppm	0.4895	0.0022	0.4573	0.4879	0.4911
Mn2576-2	257.610 {1	Y_3710	ppm	0.4604	0.0031	0.6797	0.4627	0.4582
Mo2020	202.030 {4	Y_2243	ppm	0.4736	0.005	1.056	0.4772	0.4701
Na5895	589.592 { 5	Y_3710	ppm	13.43	0.1462	1.089	13.32	13.53
Na8183	818.326 { 4	Y_3710	ppm	13.23	0.0216	0.1631	13.21	13.24
Ni2316	231.604 {4	In2306	ppm	0.4724	0.0007	0.1378	0.4728	0.4719
P_1782	178.284 {4	In2306	ppm	0.0026	0.0006	25.25	0.0021	0.003
Pb2203	220.353 {4	In2306	ppm	0.4782	0.0027	0.5558	0.48	0.4763
S_1820	182.034 {4	Y_2243	ppm	-107.5	81.45	75.75	-49.93	-165.1
Sb2068	206.833 {4	Y_2243	ppm	0.4649	0.0026	0.555	0.4667	0.463
Se1960	196.090 {4	Y_2243	ppm	0.4789	0.0006	0.1356	0.4785	0.4794
Si2516	251.611 {1	Y_3710	ppm	0.7862	0.002	0.2557	0.7848	0.7876
Sn1899	189.989 {4	In2306	ppm	0.4956	0.0006	0.1285	0.4961	0.4952
Sr4215	421.552 { 8	Y_3710	ppm	0.2449	0.0001	0.0257	0.2449	0.2449
Ti3349	334.904 {1	Y_3600	ppm	0.506	0.0023	0.4542	0.5044	0.5076
Tl1908	190.856 {4	In2306	ppm	0.4771	0.0144	3.015	0.4873	0.467
V_2924	292.402 {1	Y_3600	ppm	0.505	0.0015	0.2888	0.504	0.506
Zn2062	206.200 {4	In2306	ppm	0.4834	0.0007	0.1429	0.4829	0.4839

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.522	0.74355	1.3638	53.996	55.048

In2306	230.606 {4	Cts/S	9444.3	252.83	2.6771	9623.1	9265.6
Y_2243	224.306 {4	Cts/S	12557	198.72	1.5826	12697	12416
Y_3600	360.073 { 9	Cts/S	46758	93.87	0.20075	46825	46692
Y_3710	371.030 { 9	Cts/S	8260.4	13.7	0.16585	8270.1	8250.7

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0003	6.208	0.005	0.0046
Al3082	308.215 {1	In2306	ppm	0.0811	0.0074	9.129	0.0759	0.0863
As1890	189.042 {4	Y_2243	ppm	0.0106	0.0005	4.731	0.011	0.0103
B_2496	249.678 {1	Y_3710	ppm	0.0097	0.008	82.4	0.0154	0.0041
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0001	0.7127	0.0097	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0049	0	0.2667	0.0049	0.0049
Ca3158	315.887 {1	In2306	ppm	0.1029	0.0066	6.379	0.0983	0.1076
Ca3181	318.128 {1	In2306	ppm	0.1789	0.0484	27.06	0.2131	0.1446
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0009	16.2	0.0048	0.006
Co2286	228.616 {4	In2306	ppm	0.0104	0.001	9.86	0.0097	0.0112
Cr2677	267.716 {1	Y_3600	ppm	0.01	0	0.051	0.01	0.01
Cu3247	324.754 {1	Y_3600	ppm	0.008	0.0002	2.894	0.0079	0.0082
Fe2404	240.488 {1	In2306	ppm	0.0935	0.0102	10.87	0.1007	0.0863
K_7664	766.490 { 4	Y_3710	ppm	0.6461	0.0008	0.1234	0.6466	0.6455
K_7698	769.896 { 4	Y_3710	ppm	0.3718	0.0092	2.474	0.3653	0.3783
Li6707	670.784 { 5	Y_3710	ppm	0.01	0	0.4092	0.0099	0.01
Mg2790	279.079 {1	Y_3710	ppm	0.0822	0.0266	32.3	0.0635	0.101
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0.0001	0.6316	0.0104	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0089	0.0006	6.537	0.0093	0.0085
Mo2020	202.030 {4	Y_2243	ppm	0.0114	0.0016	13.78	0.0103	0.0125
Na5895	589.592 { 5	Y_3710	ppm	0.9956	0.0105	1.058	1.003	0.9881
Na8183	818.326 { 4	Y_3710	ppm	0.9582	0.0043	0.4509	0.9552	0.9613
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0009	8.875	0.0094	0.0107
P_1782	178.284 {4	In2306	ppm	0.0128	0.0006	4.982	0.0132	0.0123
Pb2203	220.353 {4	In2306	ppm	0.011	0.0002	1.5	0.0108	0.0111
S_1820	182.034 {4	Y_2243	ppm	-2.168	0.8507	39.24	-1.567	-2.77
Sb2068	206.833 {4	Y_2243	ppm	0.0167	0.0009	5.096	0.0161	0.0173
Se1960	196.090 {4	Y_2243	ppm	0.0087	0.0005	5.48	0.0084	0.0091
Si2516	251.611 {1	Y_3710	ppm	-0.0323	0.0022	6.806	-0.0339	-0.0308
Sn1899	189.989 {4	In2306	ppm	0.0106	0.0017	16.06	0.0094	0.0118
Sr4215	421.552 { 8	Y_3710	ppm	0.0051	0	0.4053	0.0051	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0107	0.0007	6.296	0.0102	0.0111
Tl1908	190.856 {4	In2306	ppm	0.0149	0.0024	16.32	0.0132	0.0166
V_2924	292.402 {1	Y_3600	ppm	0.0096	0.0005	5.648	0.0093	0.01
Zn2062	206.200 {4	In2306	ppm	0.0092	0.0009	10.22	0.0085	0.0098

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	57.655	0.25022	0.43399	57.832	57.478
In2306	230.606 {4	Cts/S	10165	18.453	0.18152	10179	10152
Y_2243	224.306 {4	Cts/S	12916	32.528	0.25184	12939	12893
Y_3600	360.073 { 9	Cts/S	45742	106.56	0.23296	45666	45817
Y_3710	371.030 { 9	Cts/S	8448.1	21.452	0.25393	8463.3	8433

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	81.93	0.0001	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0672	0.0258	38.44	-0.0855	-0.049
As1890	189.042 {4	Y_2243	ppm	-0.001	0.0004	36.46	-0.0012	-0.0007
B_2496	249.678 {1	Y_3710	ppm	-0.01	0.0037	36.85	-0.0127	-0.0074
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0002	2009	-0.0001	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	33.03	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	0.0242	0.0203	84.03	0.0098	0.0385
Ca3181	318.128 {1	In2306	ppm	0.1026	0.0231	22.54	0.119	0.0863
Cd2288	228.802 {4	Y_2243	ppm	0	0	274.9	0	0
Co2286	228.616 {4	In2306	ppm	0.0001	0	20.13	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0005	163.5	0	-0.0007
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	6.758	-0.0019	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0143	0.001	7.344	-0.015	-0.0135
K_7664	766.490 { 4	Y_3710	ppm	0.019	0.0026	13.5	0.0208	0.0172
K_7698	769.896 { 4	Y_3710	ppm	-0.0146	0.005	34.2	-0.0181	-0.0111
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	112.3	0.0001	0
Mg2790	279.079 {1	Y_3710	ppm	-0.009	0.0048	53.31	-0.0056	-0.0124
Mn2576	257.610 {1	Y_3600	ppm	0.0003	0	1.591	0.0003	0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0006	0.0008	120.6	-0.0001	-0.0012
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0003	104	0.0001	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.3244	0.0153	4.717	0.3136	0.3352
Na8183	818.326 { 4	Y_3710	ppm	0.2603	0.0908	34.86	0.3245	0.1962
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	96.41	0.0001	0
P_1782	178.284 {4	In2306	ppm	0.0007	0.0007	102.2	0.0011	0.0002
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.001	836.2	0.0006	-0.0008
S_1820	182.034 {4	Y_2243	ppm	-2.653	0.0178	0.6726	-2.64	-2.665
Sb2068	206.833 {4	Y_2243	ppm	0.0023	0.0004	18.56	0.002	0.0026
Se1960	196.090 {4	Y_2243	ppm	-0.001	0.0004	40.11	-0.0013	-0.0007
Si2516	251.611 {1	Y_3710	ppm	-0.0168	0.0551	327.5	-0.0558	0.0222
Sn1899	189.989 {4	In2306	ppm	0.0003	0	3.54	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	33.72	0.0002	0.0003
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	42.06	0.0002	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0017	0.0006	37.2	0.0022	0.0013
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0003	225.2	0.0001	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0002	132	0	0.0003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.57	1.0405	1.9068	53.834	55.306
In2306	230.606 {4	Cts/S	10155	33.73	0.33214	10131	10179
Y_2243	224.306 {4	Cts/S	12865	65.072	0.50583	12818	12911
Y_3600	360.073 { 9	Cts/S	45638	61.941	0.13572	45682	45594
Y_3710	371.030 { 9	Cts/S	8219.3	126.56	1.5397	8129.8	8308.7

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0004	74.66	0.0002	0.0008
Al3082	308.215 {1	In2306	ppm	0.0055	0.0143	262.2	-0.0047	0.0156
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0016	925.8	-0.0013	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.5846	0.0139	2.376	0.5748	0.5944
Ba4554	455.403 { 7	Y_3710	ppm	0.1318	0.0005	0.3779	0.1321	0.1314
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	351.4	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	393.2	6.051	1.539	389	397.5
Ca3181	318.128 {1	In2306	ppm	399.4	5.995	1.501	395.2	403.7
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	46.86	0.0004	0.0002
Co2286	228.616 {4	In2306	ppm	0.0188	0.0002	1.078	0.0187	0.019
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0003	18.36	0.0016	0.0021
Cu3247	324.754 {1	Y_3600	ppm	-0.0025	0.0001	2.785	-0.0025	-0.0024
Fe2404	240.488 {1	In2306	ppm	0.3784	0.0404	10.67	0.3499	0.407
K_7664	766.490 { 4	Y_3710	ppm	3.409	0.045	1.321	3.441	3.378
K_7698	769.896 { 4	Y_3710	ppm	3.247	0.0377	1.16	3.274	3.22
Li6707	670.784 { 5	Y_3710	ppm	0.0319	0.0005	1.719	0.0323	0.0315
Mg2790	279.079 {1	Y_3710	ppm	336.4	1.279	0.38	335.5	337.3
Mn2576	257.610 {1	Y_3600	ppm	6.928	0.0037	0.054	6.931	6.925
Mn2576-2	257.610 {1	Y_3710	ppm	7.295	0.0167	0.2291	7.283	7.307
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	24.58	0.0003	0.0004
Na5895	589.592 { 5	Y_3710	ppm	950.1	2.681	0.2822	948.2	952
Na8183	818.326 { 4	Y_3710	ppm	1551	12.21	0.787	1560	1543
Ni2316	231.604 {4	In2306	ppm	0.0135	0.0002	1.522	0.0137	0.0134
P_1782	178.284 {4	In2306	ppm	0.1025	0.0007	0.7244	0.103	0.102
Pb2203	220.353 {4	In2306	ppm	0	0	69.9	0	0
S_1820	182.034 {4	Y_2243	ppm	-3252	25.74	0.7918	-3270	-3233
Sb2068	206.833 {4	Y_2243	ppm	-0.0001	0.0002	137.6	0	-0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0008	103.5	0.0002	0.0013
Si2516	251.611 {1	Y_3710	ppm	6.34	0.0426	0.6719	6.31	6.371
Sn1899	189.989 {4	In2306	ppm	0.0001	0.0005	311.9	-0.0002	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	3.582	0.0044	0.1215	3.585	3.579
Ti3349	334.904 {1	Y_3600	ppm	0.0027	0.0003	12.29	0.003	0.0025
Tl1908	190.856 {4	In2306	ppm	-0.0088	0.0004	4.256	-0.0091	-0.0085
V_2924	292.402 {1	Y_3600	ppm	-0.003	0	0.8253	-0.003	-0.0031
Zn2062	206.200 {4	In2306	ppm	0.0038	0.0001	2.617	0.0038	0.0037

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.175	0.45938	0.91555	50.5	49.85
In2306	230.606 {4	Cts/S	6608.3	2.4497	0.03707	6610	6606.5
Y_2243	224.306 {4	Cts/S	9760.2	8.5865	0.08797	9754.2	9766.3
Y_3600	360.073 { 9	Cts/S	48895	78.192	0.15992	48840	48950
Y_3710	371.030 { 9	Cts/S	7699.2	7.6999	0.10001	7704.7	7693.8

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Sample Type=Unk
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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0007	975.1	0.0005	-0.0004
Al3082	308.215 {1	In2306	ppm	0.0215	0.0271	126.2	0.0023	0.0406
As1890	189.042 {4	Y_2243	ppm	0.025	0.0013	5.173	0.0259	0.0241
B_2496	249.678 {1	Y_3710	ppm	0.1841	0.0045	2.436	0.1872	0.1809
Ba4554	455.403 { 7	Y_3710	ppm	0.154	0.0003	0.1838	0.1538	0.1542
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	89.77	0	0.0002
Ca3158	315.887 {1	In2306	ppm	107.8	2.26	2.097	106.2	109.4
Ca3181	318.128 {1	In2306	ppm	108.7	2.761	2.54	106.8	110.7
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	247.3	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0141	0.0001	0.814	0.0142	0.0141
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0001	9.232	0.0015	0.0017
Cu3247	324.754 {1	Y_3600	ppm	-0.0027	0	0.4172	-0.0027	-0.0027
Fe2404	240.488 {1	In2306	ppm	2.406	0.0158	0.6552	2.395	2.417
K_7664	766.490 { 4	Y_3710	ppm	0.3273	0.009	2.762	0.3209	0.3337
K_7698	769.896 { 4	Y_3710	ppm	-0.0141	0.0196	138.9	-0.0003	-0.028
Li6707	670.784 { 5	Y_3710	ppm	0.0109	0	0.0134	0.0109	0.0109
Mg2790	279.079 {1	Y_3710	ppm	26.46	0.1055	0.3987	26.38	26.53
Mn2576	257.610 {1	Y_3600	ppm	0.6078	0.0023	0.3774	0.6094	0.6061
Mn2576-2	257.610 {1	Y_3710	ppm	0.5858	0.0036	0.6115	0.5883	0.5832
Mo2020	202.030 {4	Y_2243	ppm	0.0043	0.0003	6.748	0.0045	0.0041
Na5895	589.592 { 5	Y_3710	ppm	222.2	4.591	2.066	218.9	225.4
Na8183	818.326 { 4	Y_3710	ppm	252.6	1.138	0.4506	251.8	253.4
Ni2316	231.604 {4	In2306	ppm	0.003	0.0001	4.727	0.0029	0.0031
P_1782	178.284 {4	In2306	ppm	0.079	0.0021	2.686	0.0805	0.0775
Pb2203	220.353 {4	In2306	ppm	0	0.0002	2721	0.0001	-0.0001
S_1820	182.034 {4	Y_2243	ppm	-1324	9.604	0.7251	-1318	-1331
Sb2068	206.833 {4	Y_2243	ppm	0.0002	0	14.31	0.0002	0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0008	123.9	-0.0012	-0.0001
Si2516	251.611 {1	Y_3710	ppm	10.47	0.0203	0.1935	10.48	10.45
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0003	51.6	0.0007	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.6083	0.0005	0.0897	0.6079	0.6087
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0001	25.13	0.0004	0.0005
Tl1908	190.856 {4	In2306	ppm	-0.001	0.0001	7.09	-0.0011	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0001	33.51	0.0004	0.0003
Zn2062	206.200 {4	In2306	ppm	0.01	0	0.2602	0.01	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.19	1.3129	2.4227	55.119	53.262
In2306	230.606 {4	Cts/S	8272.6	14.697	0.17766	8283	8262.2
Y_2243	224.306 {4	Cts/S	11538	25.7	0.22275	11519	11556
Y_3600	360.073 { 9	Cts/S	48657	81.745	0.168	48715	48599
Y_3710	371.030 { 9	Cts/S	8070.6	20.529	0.25437	8085.2	8056.1

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Custom ID3=
Run Time=1/25/2012 10:56:23
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0005	6500	0.0004	-0.0003
Al3082	308.215 {1	In2306	ppm	0.003	0.0465	1548	-0.0299	0.0359
As1890	189.042 {4	Y_2243	ppm	0.0253	0.0002	0.8748	0.0254	0.0251
B_2496	249.678 {1	Y_3710	ppm	0.1831	0.002	1.09	0.1817	0.1846
Ba4554	455.403 { 7	Y_3710	ppm	0.1577	0.001	0.6552	0.1585	0.157
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	77.15	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	114.5	2.333	2.038	112.8	116.1
Ca3181	318.128 {1	In2306	ppm	115.1	2.817	2.448	113.1	117.1
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0001	71.21	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0149	0.0001	0.9812	0.015	0.0148
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0001	14.58	0.0008	0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	7.71	-0.0019	-0.0021
Fe2404	240.488 {1	In2306	ppm	2.553	0.0702	2.749	2.504	2.603
K_7664	766.490 { 4	Y_3710	ppm	0.3108	0.0143	4.616	0.321	0.3007
K_7698	769.896 { 4	Y_3710	ppm	-0.011	0.0141	127.8	-0.021	-0.0011
Li6707	670.784 { 5	Y_3710	ppm	0.011	0.0004	3.782	0.0113	0.0107
Mg2790	279.079 {1	Y_3710	ppm	26.81	0.0755	0.2816	26.76	26.87
Mn2576	257.610 {1	Y_3600	ppm	0.6184	0.0033	0.5375	0.6207	0.616
Mn2576-2	257.610 {1	Y_3710	ppm	0.5955	0.0003	0.0422	0.5953	0.5957
Mo2020	202.030 {4	Y_2243	ppm	0.0045	0	0.7895	0.0044	0.0045
Na5895	589.592 { 5	Y_3710	ppm	223.2	8.484	3.8	229.2	217.2
Na8183	818.326 { 4	Y_3710	ppm	256.7	2.352	0.9163	258.4	255
Ni2316	231.604 {4	In2306	ppm	0.0028	0.0001	5.42	0.0029	0.0027
P_1782	178.284 {4	In2306	ppm	0.0806	0.0004	0.4447	0.0804	0.0809
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0007	134.6	0.001	0
S_1820	182.034 {4	Y_2243	ppm	-1344	1.037	0.0772	-1345	-1344
Sb2068	206.833 {4	Y_2243	ppm	0.0006	0.0016	259	0.0017	-0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.001	62.76	0.0023	0.0009
Si2516	251.611 {1	Y_3710	ppm	10.88	0.0433	0.3982	10.91	10.85
Sn1899	189.989 {4	In2306	ppm	-0.0007	0.0007	97.49	-0.0011	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.6214	0.0028	0.4565	0.6234	0.6194
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0002	25.07	0.0008	0.0011
Tl1908	190.856 {4	In2306	ppm	-0.0007	0.0007	100.8	-0.0012	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0.0009	0.0001	15.46	0.001	0.0008

Zn2062	206.200 {4	In2306	ppm	0.01	0	0.0887	0.01	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.401	0.33122	0.63209	52.635	52.166
In2306	230.606 {4	Cts/S	8277.4	37.237	0.44986	8251	8303.7
Y_2243	224.306 {4	Cts/S	11501	66.886	0.58155	11454	11549
Y_3600	360.073 { 9	Cts/S	48640	67.507	0.13879	48688	48593
Y_3710	371.030 { 9	Cts/S	8088	47.197	0.58354	8054.6	8121.4

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5117	0.0031	0.6111	0.5139	0.5094
Al3082	308.215 {1	In2306	ppm	10.6	0.0388	0.3665	10.57	10.63
As1890	189.042 {4	Y_2243	ppm	1.027	0.0026	0.2508	1.029	1.025
B_2496	249.678 {1	Y_3710	ppm	1.164	0.0045	0.3872	1.167	1.16
Ba4554	455.403 { 7	Y_3710	ppm	1.126	0.0014	0.1226	1.127	1.125
Be3130	313.042 {1	Y_3710	ppm	0.4875	0.0006	0.1304	0.487	0.4879
Ca3158	315.887 {1	In2306	ppm	121.7	1.53	1.257	120.6	122.7
Ca3181	318.128 {1	In2306	ppm	122.4	1.766	1.443	121.2	123.7
Cd2288	228.802 {4	Y_2243	ppm	0.4946	0.0015	0.2981	0.4956	0.4936
Co2286	228.616 {4	In2306	ppm	1.018	0.0035	0.3416	1.02	1.015
Cr2677	267.716 {1	Y_3600	ppm	0.9467	0.0037	0.3958	0.9441	0.9494
Cu3247	324.754 {1	Y_3600	ppm	1.037	0.0029	0.2785	1.04	1.035
Fe2404	240.488 {1	In2306	ppm	12.54	0.1071	0.8541	12.47	12.62
K_7664	766.490 { 4	Y_3710	ppm	10.88	0.0237	0.2183	10.86	10.89
K_7698	769.896 { 4	Y_3710	ppm	11	0.0163	0.1485	11.01	10.99
Li6707	670.784 { 5	Y_3710	ppm	0.5291	0.0003	0.0487	0.5293	0.5289
Mg2790	279.079 {1	Y_3710	ppm	37.03	0.2865	0.7738	36.83	37.23
Mn2576	257.610 {1	Y_3600	ppm	1.553	0.003	0.1959	1.555	1.551
Mn2576-2	257.610 {1	Y_3710	ppm	1.522	0.0149	0.9789	1.511	1.532
Mo2020	202.030 {4	Y_2243	ppm	0.9449	0.0034	0.3567	0.9473	0.9426
Na5895	589.592 { 5	Y_3710	ppm	231.5	4.642	2.006	228.2	234.7
Na8183	818.326 { 4	Y_3710	ppm	270.3	0.647	0.2393	269.9	270.8
Ni2316	231.604 {4	In2306	ppm	0.9737	0.0041	0.417	0.9766	0.9708
P_1782	178.284 {4	In2306	ppm	0.0787	0.0011	1.458	0.0779	0.0795
Pb2203	220.353 {4	In2306	ppm	0.962	0.0027	0.2855	0.9639	0.96
S_1820	182.034 {4	Y_2243	ppm	-1325	0.5534	0.0418	-1326	-1325
Sb2068	206.833 {4	Y_2243	ppm	0.9601	0.0077	0.7992	0.9656	0.9547
Se1960	196.090 {4	Y_2243	ppm	1.003	0.0009	0.092	1.002	1.003
Si2516	251.611 {1	Y_3710	ppm	11.02	0.0322	0.2925	11.04	11
Sn1899	189.989 {4	In2306	ppm	1.02	0.0066	0.6516	1.025	1.015
Sr4215	421.552 { 8	Y_3710	ppm	1.107	0.0022	0.1988	1.108	1.105
Ti3349	334.904 {1	Y_3600	ppm	0.9789	0.0054	0.5516	0.9828	0.9751
Tl1908	190.856 {4	In2306	ppm	0.9427	0.0157	1.664	0.9538	0.9316

V_2924	292.402 {1	Y_3600	ppm	0.9758	0.0017	0.1723	0.9769	0.9746
Zn2062	206.200 {4	In2306	ppm	1.023	0.0028	0.2746	1.025	1.021

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.635	0.48294	0.90042	53.977	53.294
In2306	230.606 {4	Cts/S	8137	6.7109	0.08247	8141.7	8132.2
Y_2243	224.306 {4	Cts/S	11575	4.6818	0.04045	11578	11571
Y_3600	360.073 { 9	Cts/S	48254	105.3	0.21822	48180	48329
Y_3710	371.030 { 9	Cts/S	7956.1	7.8006	0.09805	7961.6	7950.5

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.514	0.0011	0.2169	0.5132	0.5148
Al3082	308.215 {1	In2306	ppm	10.89	0.297	2.726	11.1	10.68
As1890	189.042 {4	Y_2243	ppm	1.042	0.0064	0.6106	1.038	1.047
B_2496	249.678 {1	Y_3710	ppm	1.17	0.0089	0.7628	1.164	1.177
Ba4554	455.403 { 7	Y_3710	ppm	1.145	0.0043	0.373	1.148	1.142
Be3130	313.042 {1	Y_3710	ppm	0.494	0.0006	0.1194	0.4944	0.4936
Ca3158	315.887 {1	In2306	ppm	121.1	3.018	2.491	123.3	119
Ca3181	318.128 {1	In2306	ppm	121.9	2.696	2.213	123.8	120
Cd2288	228.802 {4	Y_2243	ppm	0.5015	0.0004	0.0879	0.5012	0.5018
Co2286	228.616 {4	In2306	ppm	1.029	0.0009	0.0911	1.03	1.028
Cr2677	267.716 {1	Y_3600	ppm	0.9581	0.0013	0.1339	0.9572	0.959
Cu3247	324.754 {1	Y_3600	ppm	1.052	0.0012	0.1184	1.053	1.051
Fe2404	240.488 {1	In2306	ppm	12.57	0.3292	2.619	12.8	12.34
K_7664	766.490 { 4	Y_3710	ppm	11.31	0.08	0.7074	11.36	11.25
K_7698	769.896 { 4	Y_3710	ppm	11.4	0.0386	0.3385	11.42	11.37
Li6707	670.784 { 5	Y_3710	ppm	0.5514	0.0024	0.436	0.5531	0.5497
Mg2790	279.079 {1	Y_3710	ppm	37.4	0.2374	0.6347	37.57	37.23
Mn2576	257.610 {1	Y_3600	ppm	1.565	0.0038	0.2418	1.562	1.567
Mn2576-2	257.610 {1	Y_3710	ppm	1.535	0.0071	0.4656	1.54	1.53
Mo2020	202.030 {4	Y_2243	ppm	0.9606	0.0039	0.4112	0.9578	0.9634
Na5895	589.592 { 5	Y_3710	ppm	240.5	3.222	1.339	242.8	238.3
Na8183	818.326 { 4	Y_3710	ppm	275.9	0.954	0.3458	276.5	275.2
Ni2316	231.604 {4	In2306	ppm	0.9891	0.0051	0.5196	0.9855	0.9927
P_1782	178.284 {4	In2306	ppm	0.0801	0.0014	1.725	0.0811	0.0791
Pb2203	220.353 {4	In2306	ppm	0.9737	0.0036	0.3744	0.9711	0.9762
S_1820	182.034 {4	Y_2243	ppm	-1342	4.654	0.3468	-1339	-1345
Sb2068	206.833 {4	Y_2243	ppm	0.9831	0.0027	0.2744	0.9812	0.985
Se1960	196.090 {4	Y_2243	ppm	1.019	0.0067	0.6535	1.014	1.024
Si2516	251.611 {1	Y_3710	ppm	11.21	0.1084	0.9666	11.29	11.14
Sn1899	189.989 {4	In2306	ppm	1.033	0.0027	0.2622	1.035	1.031
Sr4215	421.552 { 8	Y_3710	ppm	1.121	0.0031	0.2771	1.123	1.119
Ti3349	334.904 {1	Y_3600	ppm	0.9918	0.0005	0.053	0.9922	0.9915

Tl1908	190.856 {4	In2306	ppm	0.9588	0.0088	0.9151	0.965	0.9526
V_2924	292.402 {1	Y_3600	ppm	0.9925	0.0026	0.2585	0.9907	0.9943
Zn2062	206.200 {4	In2306	ppm	1.035	0.0011	0.1074	1.036	1.035

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.509	1.5496	2.896	52.414	54.605
In2306	230.606 {4	Cts/S	8133.7	1.6023	0.0197	8134.8	8132.5
Y_2243	224.306 {4	Cts/S	11557	23.34	0.20195	11574	11541
Y_3600	360.073 { 9	Cts/S	48083	93.22	0.19387	48017	48149
Y_3710	371.030 { 9	Cts/S	7898.6	31.371	0.39718	7876.4	7920.8

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0001	14.22	0.0006	0.0007
Al3082	308.215 {1	In2306	ppm	0.0158	0.0139	88.01	0.006	0.0257
As1890	189.042 {4	Y_2243	ppm	0.0311	0.0061	19.73	0.0267	0.0354
B_2496	249.678 {1	Y_3710	ppm	0.129	0.0161	12.5	0.1404	0.1176
Ba4554	455.403 { 7	Y_3710	ppm	0.3414	0.0009	0.2699	0.3407	0.342
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	49.65	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	148.4	0.0868	0.0585	148.3	148.4
Ca3181	318.128 {1	In2306	ppm	149.8	0.2607	0.1741	149.6	150
Cd2288	228.802 {4	Y_2243	ppm	0.0026	0.0032	122.4	0.0004	0.0049
Co2286	228.616 {4	In2306	ppm	0.0142	0.0068	48.04	0.0094	0.019
Cr2677	267.716 {1	Y_3600	ppm	0.0009	0.0004	46.9	0.0012	0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0005	0.0001	17.24	-0.0004	-0.0006
Fe2404	240.488 {1	In2306	ppm	1.634	0.0125	0.767	1.643	1.625
K_7664	766.490 { 4	Y_3710	ppm	1.545	0.0374	2.417	1.519	1.572
K_7698	769.896 { 4	Y_3710	ppm	1.29	0.0248	1.922	1.272	1.307
Li6707	670.784 { 5	Y_3710	ppm	0.0421	0.0009	2.21	0.0414	0.0428
Mg2790	279.079 {1	Y_3710	ppm	35.01	0.1933	0.5519	35.15	34.88
Mn2576	257.610 {1	Y_3600	ppm	0.5251	0.0015	0.2774	0.5262	0.5241
Mn2576-2	257.610 {1	Y_3710	ppm	0.5122	0.0035	0.6828	0.5147	0.5097
Mo2020	202.030 {4	Y_2243	ppm	0.0087	0.0082	94.64	0.0029	0.0145
Na5895	589.592 { 5	Y_3710	ppm	249.8	4.776	1.912	253.1	246.4
Na8183	818.326 { 4	Y_3710	ppm	298.9	3.436	1.15	296.4	301.3
Ni2316	231.604 {4	In2306	ppm	0.0066	0.0064	96.73	0.0021	0.0111
P_1782	178.284 {4	In2306	ppm	0.0889	0.0013	1.475	0.0898	0.088
Pb2203	220.353 {4	In2306	ppm	0.0038	0.0046	121.1	0.0005	0.007
S_1820	182.034 {4	Y_2243	ppm	-700.9	1.293	0.1845	-700	-701.9
Sb2068	206.833 {4	Y_2243	ppm	0.0209	0.0052	24.87	0.0173	0.0246
Se1960	196.090 {4	Y_2243	ppm	0.0046	0.0045	98.86	0.0014	0.0078
Si2516	251.611 {1	Y_3710	ppm	9.946	0.0137	0.1376	9.937	9.956
Sn1899	189.989 {4	In2306	ppm	0.0079	0.0086	109	0.0018	0.0139
Sr4215	421.552 { 8	Y_3710	ppm	0.7267	0.0009	0.1176	0.7261	0.7273

Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0001	3.92	0.0031	0.0032
Tl1908	190.856 {4	In2306	ppm	0.0109	0.0124	113.7	0.0021	0.0196
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0	7.979	-0.0004	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0246	0.0068	27.56	0.0198	0.0294

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.518	0.73192	1.3184	56.035	55
In2306	230.606 {4	Cts/S	8106.2	2.0023	0.0247	8104.8	8107.6
Y_2243	224.306 {4	Cts/S	11316	14.427	0.1275	11306	11326
Y_3600	360.073 { 9	Cts/S	48885	161.09	0.32953	48999	48771
Y_3710	371.030 { 9	Cts/S	8012	13.859	0.17297	8021.8	8002.2

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Custom ID3=
Run Time=1/25/2012 11:06:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0006	0.0005	86.44	-0.0009	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0216	0.0201	93.24	0.0358	0.0074
As1890	189.042 {4	Y_2243	ppm	0.0011	0.0004	33.3	0.0014	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0824	0.0024	2.91	0.0841	0.0807
Ba4554	455.403 { 7	Y_3710	ppm	0.3211	0.0017	0.5402	0.3223	0.3199
Be3130	313.042 {1	Y_3710	ppm	0	0	44.58	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	913.9	0.6394	0.07	913.4	914.3
Ca3181	318.128 {1	In2306	ppm	939.3	2.316	0.2466	937.7	940.9
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	49.72	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0009	0.0004	46.92	0.0006	0.0012
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0004	70.78	0.0009	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.001	0.0005	43.46	-0.0014	-0.0007
Fe2404	240.488 {1	In2306	ppm	0.0961	0.01	10.38	0.0891	0.1032
K_7664	766.490 { 4	Y_3710	ppm	3.157	0.075	2.374	3.21	3.104
K_7698	769.896 { 4	Y_3710	ppm	2.987	0.0883	2.954	3.05	2.925
Li6707	670.784 { 5	Y_3710	ppm	0.0848	0.0027	3.21	0.0868	0.0829
Mg2790	279.079 {1	Y_3710	ppm	82.43	0.2199	0.2668	82.28	82.59
Mn2576	257.610 {1	Y_3600	ppm	0.0511	0.0002	0.3288	0.0512	0.051
Mn2576-2	257.610 {1	Y_3710	ppm	0.0518	0.0011	2.041	0.0525	0.051
Mo2020	202.030 {4	Y_2243	ppm	0.0012	0.0005	40.99	0.0009	0.0015
Na5895	589.592 { 5	Y_3710	ppm	562.7	6.974	1.239	557.7	567.6
Na8183	818.326 { 4	Y_3710	ppm	783.5	9.704	1.238	790.4	776.7
Ni2316	231.604 {4	In2306	ppm	0.0009	0.0004	40.08	0.0011	0.0006
P_1782	178.284 {4	In2306	ppm	0.0928	0.0032	3.434	0.0951	0.0906
Pb2203	220.353 {4	In2306	ppm	-0.0008	0.0003	37.41	-0.0006	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-1913	45.89	2.399	-1945	-1880
Sb2068	206.833 {4	Y_2243	ppm	0.0051	0.0021	42.07	0.0036	0.0066
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0001	28.14	0.0003	0.0005
Si2516	251.611 {1	Y_3710	ppm	6.779	0.0111	0.1638	6.787	6.771
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0001	57.8	0.0001	0.0003

Sr4215	421.552 {	8	Y_3710	ppm	3.161	0.0144	0.4548	3.171	3.151
Ti3349	334.904 {1		Y_3600	ppm	0.0041	0.0001	1.501	0.0041	0.004
Tl1908	190.856 {4		In2306	ppm	0.0024	0.0013	54.53	0.0015	0.0034
V_2924	292.402 {1		Y_3600	ppm	-0.0008	0.0002	22.06	-0.0007	-0.001
Zn2062	206.200 {4		In2306	ppm	0.0031	0.0003	8.594	0.0029	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.918	0.56986	1.1416	49.516	50.321
In2306	230.606 {4	Cts/S	6939.5	110.06	1.586	6861.6	7017.3
Y_2243	224.306 {4	Cts/S	10064	202.74	2.0144	9920.9	10208
Y_3600	360.073 {	9	Cts/S	49057	310.55	0.63304	48838	49277
Y_3710	371.030 {	9	Cts/S	7728.4	22.573	0.29208	7712.4	7744.4

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	61.8	0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	0.0261	0.0216	82.88	0.0108	0.0414
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0001	154.5	0	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.1529	0.0014	0.9381	0.1519	0.154
Ba4554	455.403 {	7	Y_3710	ppm	0.2051	0.0007	0.3281	0.2056	0.2046
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	868.8	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	126.3	1.984	1.57	124.9	127.7
Ca3181	318.128 {1	In2306	ppm	126.8	2.445	1.928	125.1	128.6
Cd2288	228.802 {4	Y_2243	ppm	0	0	64.03	0	0
Co2286	228.616 {4	In2306	ppm	0.0042	0.0002	4.216	0.0043	0.0041
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0004	49.98	0.001	0.0005
Cu3247	324.754 {1	Y_3600	ppm	-0.0006	0.0001	24.83	-0.0007	-0.0005
Fe2404	240.488 {1	In2306	ppm	-0.0058	0.0038	66.36	-0.0085	-0.0031
K_7664	766.490 {	4	Y_3710	ppm	1.521	0.0125	0.82	1.53	1.512
K_7698	769.896 {	4	Y_3710	ppm	1.226	0.0112	0.9095	1.234	1.219
Li6707	670.784 {	5	Y_3710	ppm	0.0416	0.0005	1.123	0.0419	0.0412
Mg2790	279.079 {1	Y_3710	ppm	35.35	0.2072	0.5861	35.5	35.2
Mn2576	257.610 {1	Y_3600	ppm	0.0667	0.0001	0.1439	0.0666	0.0667
Mn2576-2	257.610 {1	Y_3710	ppm	0.0646	0.0019	2.969	0.0632	0.0659
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0001	21.65	0.0006	0.0008
Na5895	589.592 {	5	Y_3710	ppm	260.2	13.7	5.267	269.9	250.5
Na8183	818.326 {	4	Y_3710	ppm	311.4	1.055	0.3386	312.2	310.7
Ni2316	231.604 {4	In2306	ppm	0.0021	0.0002	9.077	0.002	0.0023
P_1782	178.284 {4	In2306	ppm	0.0481	0.0007	1.443	0.0486	0.0476
Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0001	26.86	-0.0003	-0.0004
S_1820	182.034 {4	Y_2243	ppm	-970	4.272	0.4404	-967	-973
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0012	44.59	0.0037	0.0019
Se1960	196.090 {4	Y_2243	ppm	-0.0003	0.0004	149.8	0	-0.0005
Si2516	251.611 {1	Y_3710	ppm	9.696	0.0581	0.5994	9.655	9.737

Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0001	42.3	-0.0004	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.7022	0.0023	0.3305	0.7038	0.7005
Ti3349	334.904 {1	Y_3600	ppm	0.0012	0.0005	46.63	0.0016	0.0008
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0007	97.54	-0.0013	-0.0002
V_2924	292.402 {1	Y_3600	ppm	0	0.0002	981.4	0.0001	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0143	0.0003	1.774	0.0145	0.0141

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	52.079	0.89227	1.7133	52.71	51.449
In2306	230.606 {4	Cts/S	8123.3	18.491	0.22763	8136.4	8110.2
Y_2243	224.306 {4	Cts/S	11293	57.883	0.51258	11333	11252
Y_3600	360.073 { 9	Cts/S	49146	32.804	0.06675	49169	49122
Y_3710	371.030 { 9	Cts/S	7960.7	14.629	0.18376	7950.4	7971.1

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Custom ID3=
Run Time=1/25/2012 11:12:02
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0009	150.9	0	0.0013
Al3082	308.215 {1	In2306	ppm	0.0855	0.0638	74.64	0.1307	0.0404
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0009	100.2	0.0015	0.0003
B_2496	249.678 {1	Y_3710	ppm	0.2051	0.0119	5.799	0.1966	0.2135
Ba4554	455.403 { 7	Y_3710	ppm	0.3658	0.0056	1.527	0.3698	0.3619
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	40.33	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	289.6	0.2067	0.0714	289.7	289.5
Ca3181	318.128 {1	In2306	ppm	293.7	0.336	0.1144	293.4	293.9
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	255	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0007	0	4.864	0.0008	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0006	78.09	0.0012	0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0009	0.0002	25.29	-0.0008	-0.0011
Fe2404	240.488 {1	In2306	ppm	0.5651	0.0016	0.2827	0.5662	0.5639
K_7664	766.490 { 4	Y_3710	ppm	1.674	0.0881	5.264	1.736	1.612
K_7698	769.896 { 4	Y_3710	ppm	1.441	0.0974	6.76	1.51	1.372
Li6707	670.784 { 5	Y_3710	ppm	0.0775	0.0051	6.632	0.0812	0.0739
Mg2790	279.079 {1	Y_3710	ppm	83.66	0.0172	0.0206	83.67	83.65
Mn2576	257.610 {1	Y_3600	ppm	0.6852	0.0022	0.3177	0.6868	0.6837
Mn2576-2	257.610 {1	Y_3710	ppm	0.6718	0.0001	0.0155	0.6719	0.6718
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	69.21	0.0003	0.0001
Na5895	589.592 { 5	Y_3710	ppm	413.5	19.41	4.692	427.3	399.8
Na8183	818.326 { 4	Y_3710	ppm	540.2	17.01	3.148	552.2	528.2
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0003	192.4	0.0004	-0.0001
P_1782	178.284 {4	In2306	ppm	0.147	0.0008	0.5622	0.1476	0.1464
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0012	173.5	0.0002	-0.0015
S_1820	182.034 {4	Y_2243	ppm	-1772	0.5992	0.0338	-1773	-1772
Sb2068	206.833 {4	Y_2243	ppm	0.001	0.0011	110.2	0.0002	0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0001	14.45	0.0004	0.0003

Si2516	251.611 {1	Y_3710	ppm	11.21	0.1461	1.303	11.31	11.11
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0003	201.1	-0.0001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	1.634	0.0202	1.239	1.648	1.619
Ti3349	334.904 {1	Y_3600	ppm	0.0023	0.0009	39.7	0.003	0.0017
Tl1908	190.856 {4	In2306	ppm	-0.0005	0.0012	222.8	0.0003	-0.0014
V_2924	292.402 {1	Y_3600	ppm	-0.0014	0.0002	16.59	-0.0016	-0.0013
Zn2062	206.200 {4	In2306	ppm	0.0055	0	0.776	0.0055	0.0055

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.254	1.4285	2.8426	49.244	51.264
In2306	230.606 {4	Cts/S	7511	21.447	0.28554	7526.2	7495.9
Y_2243	224.306 {4	Cts/S	10707	50.105	0.46795	10743	10672
Y_3600	360.073 { 9	Cts/S	48735	186.25	0.38217	48604	48867
Y_3710	371.030 { 9	Cts/S	7803.2	104.74	1.3423	7729.2	7877.3

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Mode=CONC
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0008	631.4	-0.0004	0.0007
Al3082	308.215 {1	In2306	ppm	0.0016	0.0328	2001	0.0248	-0.0215
As1890	189.042 {4	Y_2243	ppm	-0.0005	0.0004	80.11	-0.0007	-0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0142	0.0019	13.72	0.0156	0.0128
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0	4.151	0.0009	0.001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	31.87	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.029	0.0068	23.54	0.0241	0.0338
Ca3181	318.128 {1	In2306	ppm	0.1841	0.0013	0.6934	0.185	0.1832
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	61.58	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	0	0	99.34	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0004	173.6	0.0001	-0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0004	0.0001	24.61	0.0003	0.0005
Fe2404	240.488 {1	In2306	ppm	0.0103	0.0187	182.4	0.0235	-0.003
K_7664	766.490 { 4	Y_3710	ppm	0.0296	0.0127	42.74	0.0386	0.0207
K_7698	769.896 { 4	Y_3710	ppm	-0.2906	0.0011	0.3916	-0.2898	-0.2914
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	43.11	0.0002	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0145	0.0442	304.1	-0.0167	0.0458
Mn2576	257.610 {1	Y_3600	ppm	0.0031	0.0001	3.508	0.003	0.0031
Mn2576-2	257.610 {1	Y_3710	ppm	0.0026	0.0008	29.23	0.0032	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0	12.83	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.434	0.0011	0.2589	0.4332	0.4348
Na8183	818.326 { 4	Y_3710	ppm	0.3759	0.0182	4.842	0.363	0.3888
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	218.2	0.0002	0
P_1782	178.284 {4	In2306	ppm	0.0047	0.0032	67.8	0.0024	0.0069
Pb2203	220.353 {4	In2306	ppm	0.0011	0.0008	77.52	0.0005	0.0017
S_1820	182.034 {4	Y_2243	ppm	-45.21	51.38	113.7	-8.873	-81.54
Sb2068	206.833 {4	Y_2243	ppm	0.0015	0.0001	7.963	0.0014	0.0016

Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0003	33.43	-0.0007	-0.0011
Si2516	251.611 {1	Y_3710	ppm	0.0679	0.0116	17.04	0.0597	0.076
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0002	53.85	-0.0003	-0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	222.7	0	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0004	110.7	-0.0001	-0.0006
Tl1908	190.856 {4	In2306	ppm	-0.0008	0	0.834	-0.0008	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0002	53.83	0.0003	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0023	0.0002	7.757	0.0022	0.0024

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.51	0.04492	0.08241	54.542	54.478
In2306	230.606 {4	Cts/S	9788.4	347.83	3.5535	10034	9542.5
Y_2243	224.306 {4	Cts/S	12533	152.87	1.2197	12641	12425
Y_3600	360.073 { 9	Cts/S	46412	725.62	1.5634	46925	45899
Y_3710	371.030 { 9	Cts/S	8291.1	8.4576	0.10201	8297.1	8285.1

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2418	0.0021	0.8513	0.2403	0.2432
Al3082	308.215 {1	In2306	ppm	2.545	0.1773	6.967	2.42	2.671
As1890	189.042 {4	Y_2243	ppm	0.4584	0.0036	0.7754	0.461	0.4559
B_2496	249.678 {1	Y_3710	ppm	0.4664	0.0296	6.342	0.4455	0.4873
Ba4554	455.403 { 7	Y_3710	ppm	0.4716	0.0227	4.822	0.4556	0.4877
Be3130	313.042 {1	Y_3710	ppm	0.474	0.0199	4.207	0.4599	0.4881
Ca3158	315.887 {1	In2306	ppm	12.4	0.6907	5.572	11.91	12.88
Ca3181	318.128 {1	In2306	ppm	12.6	0.7161	5.683	12.1	13.11
Cd2288	228.802 {4	Y_2243	ppm	0.4624	0.0077	1.656	0.4678	0.457
Co2286	228.616 {4	In2306	ppm	0.4686	0.0091	1.941	0.475	0.4622
Cr2677	267.716 {1	Y_3600	ppm	0.4896	0.0013	0.273	0.4906	0.4887
Cu3247	324.754 {1	Y_3600	ppm	0.4884	0.0034	0.6884	0.4908	0.486
Fe2404	240.488 {1	In2306	ppm	2.396	0.1407	5.875	2.296	2.495
K_7664	766.490 { 4	Y_3710	ppm	12.91	0.7334	5.679	12.4	13.43
K_7698	769.896 { 4	Y_3710	ppm	13.06	0.7816	5.985	12.51	13.61
Li6707	670.784 { 5	Y_3710	ppm	0.5105	0.0341	6.688	0.4864	0.5347
Mg2790	279.079 {1	Y_3710	ppm	4.607	0.1682	3.651	4.488	4.726
Mn2576	257.610 {1	Y_3600	ppm	0.482	0.002	0.4243	0.4805	0.4834
Mn2576-2	257.610 {1	Y_3710	ppm	0.4359	0.0201	4.622	0.4216	0.4501
Mo2020	202.030 {4	Y_2243	ppm	0.4602	0.0095	2.072	0.467	0.4535
Na5895	589.592 { 5	Y_3710	ppm	12.83	0.7648	5.963	12.29	13.37
Na8183	818.326 { 4	Y_3710	ppm	12.36	0.5492	4.442	11.97	12.75
Ni2316	231.604 {4	In2306	ppm	0.4557	0.0098	2.15	0.4627	0.4488
P_1782	178.284 {4	In2306	ppm	0.0002	0.001	422.7	-0.0005	0.0009
Pb2203	220.353 {4	In2306	ppm	0.4619	0.0094	2.03	0.4685	0.4552
S_1820	182.034 {4	Y_2243	ppm	-45.52	5.785	12.71	-41.43	-49.61

Sb2068	206.833 {4	Y_2243	ppm	0.4477	0.0059	1.32	0.4519	0.4435
Se1960	196.090 {4	Y_2243	ppm	0.4639	0.0039	0.8427	0.4667	0.4611
Si2516	251.611 {1	Y_3710	ppm	0.7653	0.0639	8.346	0.7201	0.8105
Sn1899	189.989 {4	In2306	ppm	0.4755	0.012	2.52	0.484	0.467
Sr4215	421.552 { 8	Y_3710	ppm	0.2377	0.0113	4.767	0.2297	0.2457
Ti3349	334.904 {1	Y_3600	ppm	0.5038	0.0001	0.0112	0.5039	0.5038
Tl1908	190.856 {4	In2306	ppm	0.4555	0.0187	4.111	0.4688	0.4423
V_2924	292.402 {1	Y_3600	ppm	0.5032	0.0008	0.1684	0.5038	0.5026
Zn2062	206.200 {4	In2306	ppm	0.4628	0.0106	2.293	0.4703	0.4553

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.29	2.4775	4.4808	57.042	53.538
In2306	230.606 {4	Cts/S	9625.5	177.7	1.8461	9751.2	9499.9
Y_2243	224.306 {4	Cts/S	12666	252.33	1.9922	12844	12487
Y_3600	360.073 { 9	Cts/S	47079	7.388	0.01569	47085	47074
Y_3710	371.030 { 9	Cts/S	8229.1	146.34	1.7784	8332.6	8125.6

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:19:50
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0056	0.0001	2.123	0.0055	0.0057
Al3082	308.215 {1	In2306	ppm	0.09	0.0209	23.27	0.1048	0.0752
As1890	189.042 {4	Y_2243	ppm	0.0088	0.0004	4.723	0.0085	0.0091
B_2496	249.678 {1	Y_3710	ppm	0.0095	0.0076	79.95	0.0041	0.0149
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0001	0.6539	0.0101	0.01
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.2467	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0817	0.0061	7.5	0.0774	0.0861
Ca3181	318.128 {1	In2306	ppm	0.2057	0.0146	7.1	0.1954	0.216
Cd2288	228.802 {4	Y_2243	ppm	0.0049	0.0004	8.459	0.0046	0.0052
Co2286	228.616 {4	In2306	ppm	0.0098	0.0002	2.105	0.0097	0.01
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0.0006	6.353	0.0093	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0082	0.0005	6.561	0.0086	0.0078
Fe2404	240.488 {1	In2306	ppm	0.0826	0.0306	37	0.1042	0.061
K_7664	766.490 { 4	Y_3710	ppm	0.628	0.0058	0.92	0.6321	0.6239
K_7698	769.896 { 4	Y_3710	ppm	0.3622	0.0056	1.556	0.3582	0.3662
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0001	0.8496	0.01	0.0099
Mg2790	279.079 {1	Y_3710	ppm	0.072	0.0111	15.44	0.0799	0.0642
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0001	1.002	0.01	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0092	0	0.0382	0.0092	0.0092
Mo2020	202.030 {4	Y_2243	ppm	0.0108	0.0005	4.182	0.0105	0.0111
Na5895	589.592 { 5	Y_3710	ppm	0.7805	0.0093	1.196	0.7871	0.7739
Na8183	818.326 { 4	Y_3710	ppm	1.072	0.031	2.888	1.05	1.094
Ni2316	231.604 {4	In2306	ppm	0.0098	0.0001	1.423	0.0097	0.0099
P_1782	178.284 {4	In2306	ppm	0.0116	0.0004	3.618	0.0113	0.0119
Pb2203	220.353 {4	In2306	ppm	0.0101	0.0004	4.088	0.0098	0.0104

S_1820	182.034 {4	Y_2243	ppm	-0.1892	0.0204	10.8	-0.1747	-0.2036
Sb2068	206.833 {4	Y_2243	ppm	0.0167	0.0004	2.646	0.017	0.0164
Se1960	196.090 {4	Y_2243	ppm	0.0094	0.002	21.58	0.0079	0.0108
Si2516	251.611 {1	Y_3710	ppm	-0.0079	0.0118	149.2	0.0004	-0.0162
Sn1899	189.989 {4	In2306	ppm	0.0098	0.0003	3.035	0.0096	0.01
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	3.137	0.0048	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0004	4.043	0.0105	0.0099
Tl1908	190.856 {4	In2306	ppm	0.0122	0.0011	9.195	0.0114	0.013
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0001	1.118	0.0099	0.01
Zn2062	206.200 {4	In2306	ppm	0.0086	0.0003	3.015	0.0084	0.0088

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.006	0.48401	0.87992	54.664	55.349
In2306	230.606 {4	Cts/S	10266	101.37	0.98739	10194	10338
Y_2243	224.306 {4	Cts/S	13000	120.52	0.92703	12915	13085
Y_3600	360.073 { 9	Cts/S	45735	76.482	0.16723	45681	45789
Y_3710	371.030 { 9	Cts/S	8360.9	0.68134	0.00815	8360.4	8361.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:22:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0005	1069	-0.0003	0.0004
Al3082	308.215 {1	In2306	ppm	-0.0144	0.0135	93.42	-0.024	-0.0049
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0004	28.62	0.0012	0.0018
B_2496	249.678 {1	Y_3710	ppm	0.0008	0.012	1492	0.0093	-0.0077
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	265.8	0	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	6.042	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0188	0.031	164.7	-0.0031	0.0407
Ca3181	318.128 {1	In2306	ppm	0.082	0.0027	3.292	0.0839	0.08
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0003	148.7	0	0.0004
Co2286	228.616 {4	In2306	ppm	0.0004	0.0004	84.77	0.0002	0.0007
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0.0004	46.02	-0.0005	-0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0008	0	4.792	-0.0007	-0.0008
Fe2404	240.488 {1	In2306	ppm	-0.0007	0.0054	788.8	0.0031	-0.0045
K_7664	766.490 { 4	Y_3710	ppm	0.0085	0.0035	40.93	0.006	0.0109
K_7698	769.896 { 4	Y_3710	ppm	-0.0159	0.0032	19.84	-0.0137	-0.0182
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0004	113.8	0.0007	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0165	0.0402	243.5	0.0119	-0.0449
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	24.39	0.0001	0.0002
Mn2576-2	257.610 {1	Y_3710	ppm	0.0007	0.0009	136.8	0	0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0008	0.0008	97.67	0.0002	0.0013
Na5895	589.592 { 5	Y_3710	ppm	0.1638	0.003	1.847	0.1617	0.1659
Na8183	818.326 { 4	Y_3710	ppm	-0.0189	0.0779	412.9	0.0362	-0.0739
Ni2316	231.604 {4	In2306	ppm	0.0002	0.0003	147.9	0	0.0005
P_1782	178.284 {4	In2306	ppm	0.0011	0.0003	30.21	0.0014	0.0009

Pb2203	220.353 {4	In2306	ppm	-0.0003	0.0001	56.75	-0.0004	-0.0002
S_1820	182.034 {4	Y_2243	ppm	-0.7509	0.1212	16.14	-0.6652	-0.8367
Sb2068	206.833 {4	Y_2243	ppm	0.0041	0	1.153	0.0041	0.004
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0004	31.83	-0.0017	-0.0011
Si2516	251.611 {1	Y_3710	ppm	0.0009	0.0228	2609	-0.0152	0.017
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0006	96.61	0.0002	0.001
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0001	99.76	0.0002	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0005	88.29	-0.0002	-0.001
Tl1908	190.856 {4	In2306	ppm	0.0001	0.0008	604.1	-0.0004	0.0007
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0004	80.82	0.0002	0.0008
Zn2062	206.200 {4	In2306	ppm	0.0006	0.0004	62.35	0.0003	0.0009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.608	0.15318	0.2706	56.5	56.717
In2306	230.606 {4	Cts/S	10034	187.19	1.8655	10167	9901.9
Y_2243	224.306 {4	Cts/S	12688	211.92	1.6703	12838	12538
Y_3600	360.073 { 9	Cts/S	45517	131.86	0.28969	45424	45610
Y_3710	371.030 { 9	Cts/S	8165.5	89.238	1.0929	8102.4	8228.6

[Sample Header]
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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:25:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	406.7	0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0578	0.0587	101.6	0.0163	0.0993
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0001	4.205	0.0016	0.0015
B_2496	249.678 {1	Y_3710	ppm	0.2176	0.0077	3.559	0.2231	0.2121
Ba4554	455.403 { 7	Y_3710	ppm	0.3995	0.0018	0.455	0.3982	0.4007
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0	44.44	-0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	294.8	8.247	2.798	289	300.6
Ca3181	318.128 {1	In2306	ppm	300.4	8.261	2.75	294.6	306.3
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	237.8	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0007	0.0001	8.137	0.0008	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	20050	-0.0003	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	9.27	-0.0014	-0.0016
Fe2404	240.488 {1	In2306	ppm	0.5781	0.0304	5.252	0.5996	0.5567
K_7664	766.490 { 4	Y_3710	ppm	1.637	0.0217	1.324	1.622	1.653
K_7698	769.896 { 4	Y_3710	ppm	1.353	0.0088	0.6531	1.347	1.359
Li6707	670.784 { 5	Y_3710	ppm	0.075	0.001	1.294	0.0743	0.0756
Mg2790	279.079 {1	Y_3710	ppm	85.16	0.028	0.0329	85.18	85.14
Mn2576	257.610 {1	Y_3600	ppm	0.6948	0.0022	0.32	0.6964	0.6932
Mn2576-2	257.610 {1	Y_3710	ppm	0.686	0.0002	0.035	0.6859	0.6862
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	44.39	0.0003	0.0002
Na5895	589.592 { 5	Y_3710	ppm	408.6	1.961	0.48	407.2	409.9
Na8183	818.326 { 4	Y_3710	ppm	536.7	3.246	0.6048	534.4	539
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	70.97	-0.0001	0

P_1782	178.284 {4	In2306	ppm	0.1451	0.0009	0.6127	0.1457	0.1445
Pb2203	220.353 {4	In2306	ppm	-0.0018	0.0009	51.18	-0.0011	-0.0024
S_1820	182.034 {4	Y_2243	ppm	-1754	37.33	2.129	-1780	-1727
Sb2068	206.833 {4	Y_2243	ppm	0.0002	0.0005	266.7	-0.0002	0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0002	0.001	468.2	-0.0005	0.0009
Si2516	251.611 {1	Y_3710	ppm	10.87	0.1137	1.046	10.95	10.79
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0003	94.31	-0.0006	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	1.63	0.0009	0.0572	1.629	1.631
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0004	18.31	0.0019	0.0025
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0002	17.14	0.0015	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0007	0.0005	65.53	-0.001	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0115	0.0002	1.933	0.0116	0.0113

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	51.659	2.0235	3.917	53.09	50.228
In2306	230.606 {4	Cts/S	7572.6	5.5533	0.07333	7568.7	7576.5
Y_2243	224.306 {4	Cts/S	10844	19.962	0.18407	10830	10858
Y_3600	360.073 { 9	Cts/S	49064	210.05	0.42813	49212	48915
Y_3710	371.030 { 9	Cts/S	7967.2	33.977	0.42645	7991.3	7943.2

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Custom ID3=
Run Time=1/25/2012 11:27:49
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5087	0.001	0.2022	0.5094	0.508
Al3082	308.215 {1	In2306	ppm	10.76	0.1289	1.198	10.67	10.85
As1890	189.042 {4	Y_2243	ppm	1.035	0.0045	0.4337	1.032	1.038
B_2496	249.678 {1	Y_3710	ppm	1.152	0.0073	0.6381	1.157	1.146
Ba4554	455.403 { 7	Y_3710	ppm	1.137	0.006	0.5237	1.132	1.141
Be3130	313.042 {1	Y_3710	ppm	0.4879	0.0005	0.0932	0.4876	0.4882
Ca3158	315.887 {1	In2306	ppm	117.7	3.797	3.227	120.4	115
Ca3181	318.128 {1	In2306	ppm	118.9	4.334	3.644	122	115.9
Cd2288	228.802 {4	Y_2243	ppm	0.504	0.0013	0.2545	0.5049	0.5031
Co2286	228.616 {4	In2306	ppm	1.022	0.0013	0.1299	1.023	1.021
Cr2677	267.716 {1	Y_3600	ppm	0.9651	0.0022	0.2244	0.9635	0.9666
Cu3247	324.754 {1	Y_3600	ppm	1.047	0.0006	0.0529	1.047	1.047
Fe2404	240.488 {1	In2306	ppm	12.43	0.3577	2.878	12.68	12.18
K_7664	766.490 { 4	Y_3710	ppm	11.15	0.4124	3.698	10.86	11.44
K_7698	769.896 { 4	Y_3710	ppm	11.23	0.4014	3.576	10.94	11.51
Li6707	670.784 { 5	Y_3710	ppm	1.073	0.0457	4.262	1.041	1.106
Mg2790	279.079 {1	Y_3710	ppm	36.52	0.4174	1.143	36.81	36.22
Mn2576	257.610 {1	Y_3600	ppm	1.557	0.0028	0.1767	1.559	1.555
Mn2576-2	257.610 {1	Y_3710	ppm	1.517	0.0144	0.9487	1.527	1.506
Mo2020	202.030 {4	Y_2243	ppm	0.9445	0.0027	0.2874	0.9464	0.9426
Na5895	589.592 { 5	Y_3710	ppm	227.3	4.13	1.817	224.4	230.2
Na8183	818.326 { 4	Y_3710	ppm	265.4	4.407	1.66	262.3	268.5

Ni2316	231.604 {4	In2306	ppm	0.9907	0.0014	0.1381	0.9897	0.9916
P_1782	178.284 {4	In2306	ppm	1.194	0.0004	0.0332	1.194	1.195
Pb2203	220.353 {4	In2306	ppm	0.9799	0.0008	0.0833	0.9805	0.9793
S_1820	182.034 {4	Y_2243	ppm	-1292	0.3427	0.0265	-1292	-1293
Sb2068	206.833 {4	Y_2243	ppm	0.984	0.0035	0.3552	0.9865	0.9815
Se1960	196.090 {4	Y_2243	ppm	1.005	0.0016	0.1555	1.004	1.006
Si2516	251.611 {1	Y_3710	ppm	11.45	0.0691	0.6031	11.4	11.5
Sn1899	189.989 {4	In2306	ppm	1.014	0.0005	0.0482	1.014	1.013
Sr4215	421.552 { 8	Y_3710	ppm	1.089	0.0066	0.6082	1.084	1.093
Ti3349	334.904 {1	Y_3600	ppm	0.9938	0.002	0.2055	0.9923	0.9952
Tl1908	190.856 {4	In2306	ppm	0.9508	0.0138	1.45	0.9606	0.9411
V_2924	292.402 {1	Y_3600	ppm	0.9965	0.0016	0.1629	0.9976	0.9953
Zn2062	206.200 {4	In2306	ppm	1.042	0.0019	0.1814	1.043	1.04

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.649	0.70738	1.3185	53.149	54.149
In2306	230.606 {4	Cts/S	8183	6.7998	0.0831	8178.1	8187.8
Y_2243	224.306 {4	Cts/S	11607	10.036	0.08647	11600	11614
Y_3600	360.073 { 9	Cts/S	48064	159.42	0.33169	47951	48176
Y_3710	371.030 { 9	Cts/S	7893.1	38.092	0.48259	7920.1	7866.2

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Custom ID3=
Run Time=1/25/2012 11:30:16
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	34.61	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0148	0.0417	282.9	0.0148	-0.0443
As1890	189.042 {4	Y_2243	ppm	0.0045	0.0013	30.19	0.0035	0.0054
B_2496	249.678 {1	Y_3710	ppm	0.0422	0.013	30.89	0.033	0.0514
Ba4554	455.403 { 7	Y_3710	ppm	0.0313	0.0002	0.6348	0.0312	0.0314
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	66.25	-0.0001	-0.0003
Ca3158	315.887 {1	In2306	ppm	21.08	0.4366	2.072	20.77	21.39
Ca3181	318.128 {1	In2306	ppm	21.07	0.4685	2.224	20.74	21.4
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0006	302.9	-0.0002	0.0006
Co2286	228.616 {4	In2306	ppm	0.0038	0.001	27.98	0.003	0.0045
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.001	741	0.0006	-0.0009
Cu3247	324.754 {1	Y_3600	ppm	-0.0023	0.0001	5.159	-0.0022	-0.0023
Fe2404	240.488 {1	In2306	ppm	0.4619	0.0064	1.383	0.4574	0.4664
K_7664	766.490 { 4	Y_3710	ppm	0.0875	0.0084	9.572	0.0816	0.0934
K_7698	769.896 { 4	Y_3710	ppm	-0.1679	0.0212	12.64	-0.1829	-0.1529
Li6707	670.784 { 5	Y_3710	ppm	0.0025	0.0005	21.43	0.0029	0.0021
Mg2790	279.079 {1	Y_3710	ppm	5.133	0.0111	0.2155	5.125	5.141
Mn2576	257.610 {1	Y_3600	ppm	0.1245	0.0002	0.1931	0.1247	0.1243
Mn2576-2	257.610 {1	Y_3710	ppm	0.1154	0.0007	0.6042	0.1159	0.1149
Mo2020	202.030 {4	Y_2243	ppm	0.0037	0.0017	46.83	0.0025	0.0049
Na5895	589.592 { 5	Y_3710	ppm	49.34	0.7827	1.586	48.79	49.89

Na8183	818.326 {	4	Y_3710	ppm	49.87	0.2651	0.5316	49.69	50.06
Ni2316	231.604 {	4	In2306	ppm	0.0013	0.0011	88.6	0.0005	0.0021
P_1782	178.284 {	4	In2306	ppm	0.0142	0.0005	3.66	0.0138	0.0145
Pb2203	220.353 {	4	In2306	ppm	0.001	0.0006	57.24	0.0006	0.0014
S_1820	182.034 {	4	Y_2243	ppm	-250.7	0.7334	0.2925	-251.2	-250.2
Sb2068	206.833 {	4	Y_2243	ppm	0.0092	0.0025	26.8	0.0074	0.0109
Se1960	196.090 {	4	Y_2243	ppm	-0.0007	0.0009	133.3	-0.0013	0
Si2516	251.611 {	1	Y_3710	ppm	2.043	0.0287	1.404	2.023	2.064
Sn1899	189.989 {	4	In2306	ppm	0.0026	0.0015	56.85	0.0015	0.0036
Sr4215	421.552 {	8	Y_3710	ppm	0.1223	0.0001	0.1139	0.1222	0.1223
Ti3349	334.904 {	1	Y_3600	ppm	0.0017	0.0004	23.48	0.002	0.0014
Tl1908	190.856 {	4	In2306	ppm	0.0051	0.0045	89.18	0.0019	0.0083
V_2924	292.402 {	1	Y_3600	ppm	0.0003	0.0003	126.4	0	0.0005
Zn2062	206.200 {	4	In2306	ppm	0.0053	0.0009	16.84	0.0047	0.006

[Internal Standards]

Elem	WL		Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {	1	Cts/S	56.418	1.7132	3.0366	57.629	55.206
In2306	230.606 {	4	Cts/S	9336.2	12.827	0.13739	9345.3	9327.1
Y_2243	224.306 {	4	Cts/S	12394	18.07	0.1458	12407	12381
Y_3600	360.073 {	9	Cts/S	47412	39.453	0.08321	47440	47384
Y_3710	371.030 {	9	Cts/S	8269.4	49.378	0.59712	8304.3	8234.5

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:32:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL		ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {	1	Y_3600	ppm	0.2414	0.0007	0.3074	0.2408	0.2419
Al3082	308.215 {	1	In2306	ppm	2.577	0.0517	2.007	2.613	2.54
As1890	189.042 {	4	Y_2243	ppm	0.471	0.0026	0.5454	0.4729	0.4692
B_2496	249.678 {	1	Y_3710	ppm	0.4807	0.0041	0.8535	0.4836	0.4778
Ba4554	455.403 {	7	Y_3710	ppm	0.485	0	0.0085	0.485	0.485
Be3130	313.042 {	1	Y_3710	ppm	0.4944	0.0018	0.3605	0.4931	0.4956
Ca3158	315.887 {	1	In2306	ppm	12.68	0.0639	0.5039	12.73	12.64
Ca3181	318.128 {	1	In2306	ppm	12.91	0.0084	0.0653	12.9	12.91
Cd2288	228.802 {	4	Y_2243	ppm	0.4783	0.0031	0.6508	0.4805	0.4761
Co2286	228.616 {	4	In2306	ppm	0.488	0.0045	0.9235	0.4912	0.4848
Cr2677	267.716 {	1	Y_3600	ppm	0.4985	0.0003	0.0639	0.4987	0.4983
Cu3247	324.754 {	1	Y_3600	ppm	0.4829	0.0014	0.2825	0.4838	0.4819
Fe2404	240.488 {	1	In2306	ppm	2.413	0.0135	0.5585	2.423	2.404
K_7664	766.490 {	4	Y_3710	ppm	13.16	0.153	1.163	13.05	13.27
K_7698	769.896 {	4	Y_3710	ppm	13.24	0.1037	0.7831	13.17	13.32
Li6707	670.784 {	5	Y_3710	ppm	0.516	0.009	1.751	0.5096	0.5224
Mg2790	279.079 {	1	Y_3710	ppm	4.794	0.0263	0.5478	4.813	4.776
Mn2576	257.610 {	1	Y_3600	ppm	0.4868	0.0004	0.0851	0.4871	0.4865
Mn2576-2	257.610 {	1	Y_3710	ppm	0.4528	0.0037	0.8262	0.4554	0.4502
Mo2020	202.030 {	4	Y_2243	ppm	0.4757	0.0051	1.065	0.4793	0.4722

Na5895	589.592 { 5	Y_3710	ppm	13.01	0.1576	1.211	12.9	13.12
Na8183	818.326 { 4	Y_3710	ppm	12.73	0.0714	0.5609	12.68	12.78
Ni2316	231.604 {4	In2306	ppm	0.4741	0.0047	0.987	0.4774	0.4708
P_1782	178.284 {4	In2306	ppm	0.0004	0.0004	100	0.0007	0.0001
Pb2203	220.353 {4	In2306	ppm	0.4768	0.0027	0.5665	0.4787	0.4749
S_1820	182.034 {4	Y_2243	ppm	-42.5	0.7532	1.772	-41.96	-43.03
Sb2068	206.833 {4	Y_2243	ppm	0.4645	0.0084	1.808	0.4704	0.4586
Se1960	196.090 {4	Y_2243	ppm	0.4756	0.004	0.835	0.4784	0.4728
Si2516	251.611 {1	Y_3710	ppm	0.7914	0.0156	1.968	0.7804	0.8024
Sn1899	189.989 {4	In2306	ppm	0.4978	0.004	0.8093	0.5006	0.4949
Sr4215	421.552 { 8	Y_3710	ppm	0.2435	0.0012	0.4802	0.2427	0.2444
Ti3349	334.904 {1	Y_3600	ppm	0.5116	0.0012	0.2343	0.5125	0.5108
Tl1908	190.856 {4	In2306	ppm	0.4882	0.0137	2.816	0.4979	0.4785
V_2924	292.402 {1	Y_3600	ppm	0.5149	0.002	0.3947	0.5163	0.5135
Zn2062	206.200 {4	In2306	ppm	0.4846	0.0048	0.9851	0.488	0.4812

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.318	0.64735	1.1494	56.776	55.861
In2306	230.606 {4	Cts/S	9588.1	3.6514	0.03808	9585.5	9590.7
Y_2243	224.306 {4	Cts/S	12694	4.0219	0.03168	12697	12692
Y_3600	360.073 { 9	Cts/S	46975	92.636	0.1972	47040	46909
Y_3710	371.030 { 9	Cts/S	8148.9	40.473	0.49667	8177.5	8120.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0055	0.0003	4.714	0.0053	0.0057
Al3082	308.215 {1	In2306	ppm	0.1102	0.0556	50.44	0.1496	0.0709
As1890	189.042 {4	Y_2243	ppm	0.0097	0.0001	0.9033	0.0097	0.0096
B_2496	249.678 {1	Y_3710	ppm	0.0116	0.006	51.26	0.0074	0.0158
Ba4554	455.403 { 7	Y_3710	ppm	0.01	0.0002	2.366	0.0102	0.0099
Be3130	313.042 {1	Y_3710	ppm	0.0048	0.0001	1.889	0.0049	0.0047
Ca3158	315.887 {1	In2306	ppm	0.0977	0.0005	0.4811	0.098	0.0974
Ca3181	318.128 {1	In2306	ppm	0.1937	0.0028	1.463	0.1917	0.1957
Cd2288	228.802 {4	Y_2243	ppm	0.0054	0.0009	17.25	0.0047	0.0061
Co2286	228.616 {4	In2306	ppm	0.0105	0.0011	10.63	0.0097	0.0113
Cr2677	267.716 {1	Y_3600	ppm	0.0101	0.0001	1.418	0.01	0.0102
Cu3247	324.754 {1	Y_3600	ppm	0.0079	0.0002	2.279	0.008	0.0078
Fe2404	240.488 {1	In2306	ppm	0.0778	0.004	5.117	0.075	0.0807
K_7664	766.490 { 4	Y_3710	ppm	0.6306	0.0125	1.979	0.6395	0.6218
K_7698	769.896 { 4	Y_3710	ppm	0.3617	0.0295	8.161	0.3826	0.3409
Li6707	670.784 { 5	Y_3710	ppm	0.0097	0.0007	6.745	0.0102	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.026	0.011	42.16	0.0338	0.0183
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0.0001	0.7536	0.0102	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0107	0.001	9.233	0.01	0.0114

Mo2020	202.030 {4	Y_2243	ppm	0.0115	0.0014	12.41	0.0105	0.0125
Na5895	589.592 { 5	Y_3710	ppm	0.7521	0.0261	3.469	0.7706	0.7337
Na8183	818.326 { 4	Y_3710	ppm	0.6736	0.1208	17.93	0.759	0.5882
Ni2316	231.604 {4	In2306	ppm	0.0101	0.0009	8.908	0.0095	0.0108
P_1782	178.284 {4	In2306	ppm	0.0111	0.0002	2.246	0.0109	0.0113
Pb2203	220.353 {4	In2306	ppm	0.0103	0.0002	1.524	0.0102	0.0104
S_1820	182.034 {4	Y_2243	ppm	-0.0032	0.0281	867.4	0.0166	-0.0231
Sb2068	206.833 {4	Y_2243	ppm	0.017	0.0004	2.586	0.0167	0.0173
Se1960	196.090 {4	Y_2243	ppm	0.0098	0.0003	3.118	0.0095	0.01
Si2516	251.611 {1	Y_3710	ppm	-0.0188	0.0028	14.96	-0.0208	-0.0168
Sn1899	189.989 {4	In2306	ppm	0.0108	0.0014	12.7	0.0099	0.0118
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0	0.02	0.0048	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0109	0.0003	2.923	0.0111	0.0107
Tl1908	190.856 {4	In2306	ppm	0.0136	0.0015	11.04	0.0126	0.0147
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0001	0.5185	0.0097	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0092	0.0011	11.91	0.0084	0.01

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.392	0.53175	0.92652	57.768	57.016
In2306	230.606 {4	Cts/S	10174	3.1365	0.03083	10176	10172
Y_2243	224.306 {4	Cts/S	12952	15.266	0.11787	12963	12941
Y_3600	360.073 { 9	Cts/S	45879	81.984	0.1787	45937	45821
Y_3710	371.030 { 9	Cts/S	8376.3	34.412	0.41083	8352	8400.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	201.2	-0.0001	0.0007
Al3082	308.215 {1	In2306	ppm	0.0192	0.0115	60.22	0.011	0.0273
As1890	189.042 {4	Y_2243	ppm	0.0002	0.0001	28.76	0.0002	0.0003
B_2496	249.678 {1	Y_3710	ppm	-0.0013	0.0007	52.25	-0.0018	-0.0008
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0002	146.3	0	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	15.67	0	0
Ca3158	315.887 {1	In2306	ppm	-0.008	0.002	24.86	-0.0094	-0.0066
Ca3181	318.128 {1	In2306	ppm	0.1423	0.0149	10.47	0.1528	0.1317
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	252.5	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	99.46	0	0.0002
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0007	698.6	0.0004	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0003	27.12	-0.0015	-0.001
Fe2404	240.488 {1	In2306	ppm	-0.0236	0.0363	154.1	0.0021	-0.0492
K_7664	766.490 { 4	Y_3710	ppm	0.0076	0.0007	9.165	0.0081	0.0071
K_7698	769.896 { 4	Y_3710	ppm	-0.0425	0.0031	7.404	-0.0447	-0.0403
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0	8.211	0.0004	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.022	0.0244	111.1	0.0393	0.0047
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	3.034	0.0002	0.0002

Mn2576-2	257.610 {1	Y_3710	ppm	-0.0008	0.0007	81.35	-0.0004	-0.0013
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0	3.525	0.0005	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.1348	0.0008	0.5749	0.1353	0.1342
Na8183	818.326 { 4	Y_3710	ppm	0.2242	0.1099	49.02	0.3019	0.1465
Ni2316	231.604 {4	In2306	ppm	-0.0001	0.0001	104	0	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0009	187.7	0.0002	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	59.06	0.0003	0.0008
S_1820	182.034 {4	Y_2243	ppm	-0.6399	0.1199	18.74	-0.5551	-0.7247
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0007	30.61	0.0026	0.0017
Se1960	196.090 {4	Y_2243	ppm	-0.002	0.0004	21.03	-0.0023	-0.0017
Si2516	251.611 {1	Y_3710	ppm	-0.0141	0.0147	103.9	-0.0245	-0.0038
Sn1899	189.989 {4	In2306	ppm	0	0.0001	300.9	0	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	644.5	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0	53.54	-0.0001	0
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0006	251.4	0.0002	-0.0006
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	3184	0.0001	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0002	0.0001	28.99	0.0002	0.0001

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.829	0.14562	0.26084	55.932	55.726
In2306	230.606 {4	Cts/S	10156	2.7644	0.02722	10154	10158
Y_2243	224.306 {4	Cts/S	12854	14.239	0.11077	12844	12864
Y_3600	360.073 { 9	Cts/S	45424	98.22	0.21623	45494	45355
Y_3710	371.030 { 9	Cts/S	8219.2	59.38	0.72246	8177.2	8261.2

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Custom ID3=
Run Time=1/25/2012 11:40:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0004	0.0004	117	-0.0007	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0591	0.0013	2.284	-0.06	-0.0581
As1890	189.042 {4	Y_2243	ppm	0.0002	0.001	538.6	0.0009	-0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0035	0.0002	4.895	-0.0034	-0.0036
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0003	105.3	0.0001	0.0005
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	6.462	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0033	0.0098	298.9	0.0102	-0.0036
Ca3181	318.128 {1	In2306	ppm	0.1167	0.002	1.728	0.1153	0.1181
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0	17.42	-0.0002	-0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	41.25	0.0003	0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0001	33.06	-0.0005	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0	0.7737	-0.0018	-0.0018
Fe2404	240.488 {1	In2306	ppm	-0.0212	0.0116	54.95	-0.0129	-0.0294
K_7664	766.490 { 4	Y_3710	ppm	0.0164	0.0012	7.013	0.0156	0.0173
K_7698	769.896 { 4	Y_3710	ppm	-0.2616	0.0048	1.816	-0.2583	-0.265
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0001	13.3	0.0005	0.0004

Mg2790	279.079 {1	Y_3710	ppm	-0.049	0.013	26.5	-0.0399	-0.0582
Mn2576	257.610 {1	Y_3600	ppm	0.0014	0	3.215	0.0013	0.0014
Mn2576-2	257.610 {1	Y_3710	ppm	0.0016	0.0012	75.33	0.0025	0.0007
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	26.3	0.0002	0.0002
Na5895	589.592 { 5	Y_3710	ppm	0.1403	0.0018	1.306	0.139	0.1416
Na8183	818.326 { 4	Y_3710	ppm	0.2243	0.0846	37.71	0.1645	0.2841
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	92.41	0	0.0002
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0008	121.3	-0.0012	-0.0001
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0008	486.5	-0.0007	0.0004
S_1820	182.034 {4	Y_2243	ppm	-1.364	0.1494	10.95	-1.47	-1.258
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0012	359	0.0012	-0.0005
Se1960	196.090 {4	Y_2243	ppm	-0.0014	0.0014	103.6	-0.0004	-0.0024
Si2516	251.611 {1	Y_3710	ppm	-0.0081	0.0082	101.7	-0.0139	-0.0023
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	15.69	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0	0.0001	1265	0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0001	23.17	-0.0005	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0005	76.04	0.0009	0.0003
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.001	828.5	0.0006	-0.0008
Zn2062	206.200 {4	In2306	ppm	0.0005	0.0001	11.06	0.0005	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.828	0.00594	0.0101	58.832	58.824
In2306	230.606 {4	Cts/S	10258	5.2786	0.05146	10261	10254
Y_2243	224.306 {4	Cts/S	12979	22.857	0.17611	12995	12963
Y_3600	360.073 { 9	Cts/S	46321	288.94	0.62379	46525	46116
Y_3710	371.030 { 9	Cts/S	8428.6	49.823	0.59113	8463.8	8393.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4876	0.0004	0.0872	0.4873	0.4879
Al3082	308.215 {1	In2306	ppm	10.3	0.1176	1.142	10.38	10.21
As1890	189.042 {4	Y_2243	ppm	0.9357	0.0055	0.5929	0.9396	0.9317
B_2496	249.678 {1	Y_3710	ppm	0.9336	0.002	0.2141	0.9322	0.935
Ba4554	455.403 { 7	Y_3710	ppm	0.9695	0.0051	0.5273	0.9659	0.9731
Be3130	313.042 {1	Y_3710	ppm	0.4889	0.0008	0.1581	0.4894	0.4883
Ca3158	315.887 {1	In2306	ppm	9.976	0.1512	1.516	10.08	9.869
Ca3181	318.128 {1	In2306	ppm	10.13	0.1542	1.522	10.24	10.02
Cd2288	228.802 {4	Y_2243	ppm	0.4716	0.0038	0.8042	0.4743	0.469
Co2286	228.616 {4	In2306	ppm	0.9645	0.0046	0.4802	0.9678	0.9612
Cr2677	267.716 {1	Y_3600	ppm	0.9755	0.0014	0.1454	0.9744	0.9765
Cu3247	324.754 {1	Y_3600	ppm	0.9682	0.0052	0.5394	0.9719	0.9645
Fe2404	240.488 {1	In2306	ppm	9.631	0.0907	0.9417	9.695	9.566
K_7664	766.490 { 4	Y_3710	ppm	11.05	0.2076	1.88	10.9	11.19
K_7698	769.896 { 4	Y_3710	ppm	11.03	0.179	1.623	10.9	11.16

Li6707	670.784 { 5	Y_3710	ppm	0.5404	0.01	1.844	0.5334	0.5475
Mg2790	279.079 {1	Y_3710	ppm	9.613	0.0027	0.028	9.615	9.611
Mn2576	257.610 {1	Y_3600	ppm	0.9609	0.0028	0.2925	0.9589	0.9629
Mn2576-2	257.610 {1	Y_3710	ppm	0.9033	0.0018	0.1961	0.9046	0.9021
Mo2020	202.030 {4	Y_2243	ppm	0.9366	0.0091	0.9761	0.9431	0.9302
Na5895	589.592 { 5	Y_3710	ppm	10.94	0.1864	1.704	10.81	11.07
Na8183	818.326 { 4	Y_3710	ppm	10.31	0.1189	1.153	10.22	10.39
Ni2316	231.604 {4	In2306	ppm	0.938	0.0061	0.6497	0.9423	0.9337
P_1782	178.284 {4	In2306	ppm	-0.0003	0.0003	83.1	-0.0005	-0.0001
Pb2203	220.353 {4	In2306	ppm	0.9466	0.0064	0.6734	0.9511	0.9421
S_1820	182.034 {4	Y_2243	ppm	-1.275	0.1027	8.055	-1.347	-1.202
Sb2068	206.833 {4	Y_2243	ppm	0.9078	0.0064	0.7064	0.9123	0.9032
Se1960	196.090 {4	Y_2243	ppm	0.9396	0.0088	0.9386	0.9458	0.9334
Si2516	251.611 {1	Y_3710	ppm	0.7951	0.0226	2.844	0.7792	0.8111
Sn1899	189.989 {4	In2306	ppm	0.9794	0.0069	0.6994	0.9843	0.9746
Sr4215	421.552 { 8	Y_3710	ppm	0.4787	0.0018	0.3692	0.4774	0.4799
Ti3349	334.904 {1	Y_3600	ppm	0.9898	0.0039	0.3949	0.9926	0.987
Tl1908	190.856 {4	In2306	ppm	0.9615	0.0143	1.488	0.9716	0.9514
V_2924	292.402 {1	Y_3600	ppm	0.9973	0.0006	0.0564	0.9969	0.9977
Zn2062	206.200 {4	In2306	ppm	0.9546	0.0033	0.3456	0.957	0.9523

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.051	0.44817	0.79958	55.734	56.368
In2306	230.606 {4	Cts/S	9565.2	5.0819	0.05313	9568.8	9561.7
Y_2243	224.306 {4	Cts/S	12705	5.3859	0.04239	12702	12709
Y_3600	360.073 { 9	Cts/S	46909	126.82	0.27034	46820	46999
Y_3710	371.030 { 9	Cts/S	8107.5	18.102	0.22328	8120.3	8094.7

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	102.3	0.0006	0.0001
Al3082	308.215 {1	In2306	ppm	0.0881	0.0361	40.96	0.0626	0.1136
As1890	189.042 {4	Y_2243	ppm	0.0467	0.0285	60.99	0.0266	0.0669
B_2496	249.678 {1	Y_3710	ppm	1.152	0.001	0.0841	1.153	1.151
Ba4554	455.403 { 7	Y_3710	ppm	0.6156	0.0001	0.0123	0.6156	0.6155
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0002	63.91	-0.0002	-0.0004
Ca3158	315.887 {1	In2306	ppm	181.7	2.309	1.271	180.1	183.4
Ca3181	318.128 {1	In2306	ppm	184.6	2.39	1.295	182.9	186.3
Cd2288	228.802 {4	Y_2243	ppm	0.0143	0.0157	109.6	0.0032	0.0254
Co2286	228.616 {4	In2306	ppm	0.0339	0.0313	92.32	0.0118	0.056
Cr2677	267.716 {1	Y_3600	ppm	0.0279	0.0007	2.671	0.0285	0.0274
Cu3247	324.754 {1	Y_3600	ppm	0.0077	0.0003	4.446	0.0079	0.0074
Fe2404	240.488 {1	In2306	ppm	2.013	0.0321	1.595	1.991	2.036
K_7664	766.490 { 4	Y_3710	ppm	55.55	0.4393	0.7908	55.24	55.86

K_7698	769.896 { 4	Y_3710	ppm	58.39	0.5184	0.8878	58.02	58.76
Li6707	670.784 { 5	Y_3710	ppm	0.0471	0.0004	0.7635	0.0468	0.0473
Mg2790	279.079 {1	Y_3710	ppm	58.15	0.1311	0.2254	58.24	58.05
Mn2576	257.610 {1	Y_3600	ppm	1.119	0.0077	0.687	1.125	1.114
Mn2576-2	257.610 {1	Y_3710	ppm	1.088	0.004	0.3637	1.091	1.086
Mo2020	202.030 {4	Y_2243	ppm	0.0382	0.0308	80.49	0.0165	0.06
Na5895	589.592 { 5	Y_3710	ppm	323.2	2.928	0.9058	325.3	321.1
Na8183	818.326 { 4	Y_3710	ppm	386.2	1.534	0.3971	385.1	387.3
Ni2316	231.604 {4	In2306	ppm	0.0527	0.0294	55.68	0.032	0.0735
P_1782	178.284 {4	In2306	ppm	1.107	0.0466	4.209	1.14	1.074
Pb2203	220.353 {4	In2306	ppm	0.0259	0.028	108.2	0.0061	0.0456
S_1820	182.034 {4	Y_2243	ppm	-1121	39.25	3.502	-1149	-1093
Sb2068	206.833 {4	Y_2243	ppm	0.0437	0.0277	63.39	0.0241	0.0632
Se1960	196.090 {4	Y_2243	ppm	0.0263	0.0266	101.2	0.0075	0.0451
Si2516	251.611 {1	Y_3710	ppm	7.08	0.0109	0.1533	7.087	7.072
Sn1899	189.989 {4	In2306	ppm	0.0344	0.0332	96.69	0.0109	0.0579
Sr4215	421.552 { 8	Y_3710	ppm	0.9882	0.0006	0.0567	0.9886	0.9879
Ti3349	334.904 {1	Y_3600	ppm	0.0106	0.0004	3.556	0.0103	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0341	0.0333	97.67	0.0106	0.0577
V_2924	292.402 {1	Y_3600	ppm	0.0063	0.0001	2.067	0.0062	0.0064
Zn2062	206.200 {4	In2306	ppm	0.1101	0.0271	24.62	0.0909	0.1292

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	50.994	0.76108	1.4925	51.532	50.456
In2306	230.606 {4	Cts/S	7817.9	12.25	0.1567	7826.6	7809.3
Y_2243	224.306 {4	Cts/S	11034	55.516	0.50315	11073	10994
Y_3600	360.073 { 9	Cts/S	48731	225.74	0.46324	48572	48891
Y_3710	371.030 { 9	Cts/S	7759.4	10.846	0.13978	7751.7	7767

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	122.8	0.0001	0.0008
Al3082	308.215 {1	In2306	ppm	-0.0193	0.022	113.6	-0.0349	-0.0038
As1890	189.042 {4	Y_2243	ppm	0.0045	0.0075	165.6	-0.0008	0.0098
B_2496	249.678 {1	Y_3710	ppm	0.0153	0.0083	54.32	0.0212	0.0094
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	30.19	0.0004	0.0003
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	18.41	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	0.0299	0.0049	16.27	0.0265	0.0334
Ca3181	318.128 {1	In2306	ppm	0.1468	0.0223	15.17	0.1625	0.131
Cd2288	228.802 {4	Y_2243	ppm	0.0022	0.0034	154.7	-0.0002	0.0046
Co2286	228.616 {4	In2306	ppm	0.0051	0.007	136.8	0.0002	0.0101
Cr2677	267.716 {1	Y_3600	ppm	-0.0003	0.0006	214.6	-0.0008	0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.002	0.0002	11.87	-0.0019	-0.0022
Fe2404	240.488 {1	In2306	ppm	0.0015	0.0191	1287	0.015	-0.012

K_7664	766.490 { 4	Y_3710	ppm	0.0935	0.0112	12.01	0.1014	0.0856
K_7698	769.896 { 4	Y_3710	ppm	-0.1922	0.0035	1.823	-0.1946	-0.1897
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0	0.0679	0.0005	0.0005
Mg2790	279.079 {1	Y_3710	ppm	-0.0052	0.0445	857.7	0.0263	-0.0366
Mn2576	257.610 {1	Y_3600	ppm	0.0015	0.0001	9.303	0.0014	0.0016
Mn2576-2	257.610 {1	Y_3710	ppm	0.0014	0	1.056	0.0014	0.0014
Mo2020	202.030 {4	Y_2243	ppm	0.0062	0.008	128.2	0.0006	0.0118
Na5895	589.592 { 5	Y_3710	ppm	0.1683	0.0299	17.77	0.1894	0.1471
Na8183	818.326 { 4	Y_3710	ppm	0.2912	0.1283	44.05	0.382	0.2005
Ni2316	231.604 {4	In2306	ppm	0.0057	0.0077	134.6	0.0003	0.0111
P_1782	178.284 {4	In2306	ppm	0.0282	0.038	134.8	0.0013	0.0551
Pb2203	220.353 {4	In2306	ppm	0.0055	0.0071	130.2	0.0004	0.0105
S_1820	182.034 {4	Y_2243	ppm	-28.28	37.89	134	-1.491	-55.07
Sb2068	206.833 {4	Y_2243	ppm	0.0098	0.0076	77.87	0.0044	0.0151
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0075	208.3	-0.0017	0.0089
Si2516	251.611 {1	Y_3710	ppm	0.013	0.0251	193.3	-0.0048	0.0307
Sn1899	189.989 {4	In2306	ppm	0.0053	0.0077	146.1	-0.0002	0.0107
Sr4215	421.552 { 8	Y_3710	ppm	0	0	48.84	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0003	119.6	0	0.0005
Tl1908	190.856 {4	In2306	ppm	0.0084	0.0107	127.7	0.0008	0.0159
V_2924	292.402 {1	Y_3600	ppm	0	0.0005	2099	-0.0003	0.0003
Zn2062	206.200 {4	In2306	ppm	0.0079	0.0097	121.9	0.0011	0.0148

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.903	2.3734	4.099	59.582	56.225
In2306	230.606 {4	Cts/S	9903.6	409.39	4.1338	10193	9614.1
Y_2243	224.306 {4	Cts/S	12578	327.69	2.6053	12810	12346
Y_3600	360.073 { 9	Cts/S	46243	29.58	0.06397	46222	46264
Y_3710	371.030 { 9	Cts/S	8464.2	193.7	2.2885	8601.2	8327.2

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	108.6	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.0391	0.0347	88.89	0.0637	0.0145
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0005	84.65	0.0002	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.4959	0.012	2.427	0.5044	0.4873
Ba4554	455.403 { 7	Y_3710	ppm	0.1304	0.0007	0.5281	0.1309	0.1299
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	45.97	-0.0003	-0.0002
Ca3158	315.887 {1	In2306	ppm	35.54	1.316	3.704	34.6	36.47
Ca3181	318.128 {1	In2306	ppm	35.87	1.285	3.584	34.96	36.78
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	158.9	0	0.0002
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	59.81	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	33.77	0.0002	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0211	0.0002	0.7655	0.021	0.0213

Fe2404	240.488 {1	In2306	ppm	0.0144	0.0041	28.46	0.0115	0.0173
K_7664	766.490 { 4	Y_3710	ppm	14.61	0.7289	4.991	15.12	14.09
K_7698	769.896 { 4	Y_3710	ppm	14.88	0.7324	4.921	15.4	14.37
Li6707	670.784 { 5	Y_3710	ppm	0.0248	0.002	8.041	0.0262	0.0234
Mg2790	279.079 {1	Y_3710	ppm	6.246	0.0882	1.412	6.183	6.308
Mn2576	257.610 {1	Y_3600	ppm	0.0068	0	0.2036	0.0068	0.0068
Mn2576-2	257.610 {1	Y_3710	ppm	0.0069	0.0002	2.756	0.0068	0.007
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0002	9.694	0.0019	0.0021
Na5895	589.592 { 5	Y_3710	ppm	141	13.19	9.35	150.4	131.7
Na8183	818.326 { 4	Y_3710	ppm	149.7	3.603	2.407	152.2	147.1
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	68.53	0.0002	0.0001
P_1782	178.284 {4	In2306	ppm	3.021	0.0147	0.4878	3.031	3.01
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	49.6	0.0002	0.0003
S_1820	182.034 {4	Y_2243	ppm	-898.3	4.539	0.5052	-901.5	-895.1
Sb2068	206.833 {4	Y_2243	ppm	0.003	0.0005	16.13	0.0027	0.0034
Se1960	196.090 {4	Y_2243	ppm	0.0001	0	12.46	0.0001	0.0002
Si2516	251.611 {1	Y_3710	ppm	8.286	0.0473	0.5711	8.319	8.252
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0001	35.37	0.0004	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.4904	0.0012	0.2384	0.4912	0.4895
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0006	56.23	0.0016	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0006	43.27	0.0017	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0011	0.0002	22.13	0.0013	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0672	0.0008	1.119	0.0677	0.0667

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.793	0.68152	1.2438	55.274	54.311
In2306	230.606 {4	Cts/S	8759.4	6.175	0.0705	8763.7	8755
Y_2243	224.306 {4	Cts/S	11899	31.984	0.26878	11922	11877
Y_3600	360.073 { 9	Cts/S	48237	325.52	0.67484	48467	48006
Y_3710	371.030 { 9	Cts/S	7962.8	41.808	0.52504	7933.2	7992.3

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0005	99.81	0.0008	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0041	0.0179	440.7	-0.0168	0.0086
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0008	43.49	0.0024	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.1323	0.0034	2.59	0.1347	0.1298
Ba4554	455.403 { 7	Y_3710	ppm	0.1626	0.001	0.5865	0.1619	0.1633
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	576.1	0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	52.35	0.1462	0.2792	52.25	52.46
Ca3181	318.128 {1	In2306	ppm	52.4	0.3865	0.7376	52.13	52.68
Cd2288	228.802 {4	Y_2243	ppm	0	0	52.34	0.0001	0
Co2286	228.616 {4	In2306	ppm	-0.0002	0.0001	69.38	-0.0003	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0001	7.627	0.0014	0.0013

Cu3247	324.754 {1	Y_3600	ppm	0.0063	0.0006	9.486	0.0067	0.0058
Fe2404	240.488 {1	In2306	ppm	0.0037	0.0292	791.1	0.0244	-0.017
K_7664	766.490 { 4	Y_3710	ppm	7.907	0.1049	1.327	7.833	7.981
K_7698	769.896 { 4	Y_3710	ppm	7.854	0.0969	1.234	7.786	7.923
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0002	1.768	0.01	0.0103
Mg2790	279.079 {1	Y_3710	ppm	4.739	0.0615	1.299	4.783	4.696
Mn2576	257.610 {1	Y_3600	ppm	0.0017	0.0001	7.614	0.0016	0.0018
Mn2576-2	257.610 {1	Y_3710	ppm	0.0023	0.0009	41.29	0.003	0.0016
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0	7.273	0.0006	0.0006
Na5895	589.592 { 5	Y_3710	ppm	56.91	1.336	2.347	55.97	57.86
Na8183	818.326 { 4	Y_3710	ppm	55.97	0.3639	0.6503	55.71	56.23
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	257.3	0.0002	-0.0001
P_1782	178.284 {4	In2306	ppm	2.306	0.0031	0.135	2.304	2.308
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0001	21.8	0.0003	0.0004
S_1820	182.034 {4	Y_2243	ppm	-301.1	7.452	2.475	-295.8	-306.4
Sb2068	206.833 {4	Y_2243	ppm	0.0001	0.0005	789.1	-0.0003	0.0005
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0007	210	-0.0002	0.0008
Si2516	251.611 {1	Y_3710	ppm	10.41	0.0621	0.5969	10.45	10.36
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0003	63.47	-0.0007	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.2129	0	0.0112	0.2129	0.2128
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0005	92.42	0.0009	0.0002
Tl1908	190.856 {4	In2306	ppm	0.0007	0.0004	65.4	0.001	0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0035	0	0.0856	0.0035	0.0035
Zn2062	206.200 {4	In2306	ppm	0.0386	0.0001	0.2761	0.0385	0.0387

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.283	0.25236	0.4649	54.461	54.104
In2306	230.606 {4	Cts/S	9084.2	25.006	0.27527	9101.9	9066.5
Y_2243	224.306 {4	Cts/S	12169	11.931	0.09804	12177	12160
Y_3600	360.073 { 9	Cts/S	47325	83.477	0.17639	47384	47266
Y_3710	371.030 { 9	Cts/S	8119	13.58	0.16726	8128.7	8109.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 11:56:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0009	148	0	0.0013
Al3082	308.215 {1	In2306	ppm	0.3849	0.0146	3.8	0.3745	0.3952
As1890	189.042 {4	Y_2243	ppm	0.0036	0.0006	15.49	0.0032	0.004
B_2496	249.678 {1	Y_3710	ppm	0.1212	0.0001	0.1196	0.1213	0.1211
Ba4554	455.403 { 7	Y_3710	ppm	0.182	0.0018	0.989	0.1833	0.1807
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	294.9	0.0001	-0.0002
Ca3158	315.887 {1	In2306	ppm	50.03	0.6221	1.243	49.59	50.47
Ca3181	318.128 {1	In2306	ppm	50.21	1.035	2.061	49.48	50.94
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	23.63	0.0003	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	49.54	0.0004	0.0002

Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0004	30.95	0.0015	0.001
Cu3247	324.754 {1	Y_3600	ppm	0.0396	0.0002	0.5147	0.0397	0.0394
Fe2404	240.488 {1	In2306	ppm	0.1949	0.0158	8.114	0.2061	0.1837
K_7664	766.490 { 4	Y_3710	ppm	15.47	0.6158	3.982	15.9	15.03
K_7698	769.896 { 4	Y_3710	ppm	15.6	0.6778	4.343	16.08	15.13
Li6707	670.784 { 5	Y_3710	ppm	0.0121	0.0005	4.381	0.0124	0.0117
Mg2790	279.079 {1	Y_3710	ppm	5.372	0.0538	1.002	5.41	5.334
Mn2576	257.610 {1	Y_3600	ppm	0.0261	0.0001	0.384	0.0261	0.0262
Mn2576-2	257.610 {1	Y_3710	ppm	0.0253	0.0025	9.86	0.0236	0.0271
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0	1.143	0.0013	0.0013
Na5895	589.592 { 5	Y_3710	ppm	78.22	2.85	3.643	80.23	76.2
Na8183	818.326 { 4	Y_3710	ppm	74.04	1.66	2.241	75.21	72.87
Ni2316	231.604 {4	In2306	ppm	0.0011	0.0002	20.23	0.001	0.0013
P_1782	178.284 {4	In2306	ppm	6.921	0.0232	0.3352	6.937	6.905
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0002	23.67	0.0008	0.0006
S_1820	182.034 {4	Y_2243	ppm	-459.5	1.427	0.3105	-460.5	-458.5
Sb2068	206.833 {4	Y_2243	ppm	0.0007	0.001	151.1	0	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0027	0	1.304	0.0026	0.0027
Si2516	251.611 {1	Y_3710	ppm	10.49	0.0166	0.1585	10.5	10.48
Sn1899	189.989 {4	In2306	ppm	0.0028	0.0004	14.25	0.0031	0.0026
Sr4215	421.552 { 8	Y_3710	ppm	0.22	0.0015	0.6901	0.2211	0.2189
Ti3349	334.904 {1	Y_3600	ppm	0.002	0.0001	2.776	0.002	0.002
Tl1908	190.856 {4	In2306	ppm	0.0012	0.0019	156.1	0.0025	-0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0036	0.0006	17.87	0.0041	0.0032
Zn2062	206.200 {4	In2306	ppm	0.1185	0.001	0.8514	0.1192	0.1178

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.143	0.47775	0.88239	53.806	54.481
In2306	230.606 {4	Cts/S	8942.4	8.7121	0.09742	8948.5	8936.2
Y_2243	224.306 {4	Cts/S	12005	10.387	0.08652	12013	11998
Y_3600	360.073 { 9	Cts/S	46599	251.96	0.54071	46420	46777
Y_3710	371.030 { 9	Cts/S	7847.3	75.291	0.95945	7794.1	7900.6

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	200.5	-0.0001	0.0007
Al3082	308.215 {1	In2306	ppm	0.1332	0.0458	34.4	0.1008	0.1656
As1890	189.042 {4	Y_2243	ppm	0.005	0.001	18.97	0.0043	0.0057
B_2496	249.678 {1	Y_3710	ppm	0.2543	0.0068	2.666	0.2495	0.2591
Ba4554	455.403 { 7	Y_3710	ppm	0.0685	0.0004	0.6102	0.0682	0.0688
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	1313	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	47.43	0.1852	0.3905	47.3	47.56
Ca3181	318.128 {1	In2306	ppm	47.88	0.2166	0.4525	47.73	48.03
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0.0001	89.67	-0.0002	0

Co2286	228.616 {4	In2306	ppm	0.0013	0.0003	21.73	0.0011	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0005	26.38	0.0016	0.0024
Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0009	77.27	-0.0005	-0.0018
Fe2404	240.488 {1	In2306	ppm	0.0982	0.014	14.31	0.0883	0.1081
K_7664	766.490 { 4	Y_3710	ppm	10.43	0.1516	1.453	10.54	10.33
K_7698	769.896 { 4	Y_3710	ppm	10.63	0.1915	1.802	10.76	10.49
Li6707	670.784 { 5	Y_3710	ppm	0.0346	0.001	2.966	0.0354	0.0339
Mg2790	279.079 {1	Y_3710	ppm	6.437	0.0676	1.05	6.389	6.485
Mn2576	257.610 {1	Y_3600	ppm	0.0053	0	0.9302	0.0052	0.0053
Mn2576-2	257.610 {1	Y_3710	ppm	0.0054	0.0011	21.31	0.0046	0.0062
Mo2020	202.030 {4	Y_2243	ppm	0.0296	0.001	3.342	0.0303	0.0289
Na5895	589.592 { 5	Y_3710	ppm	530.4	28.84	5.437	550.7	510
Na8183	818.326 { 4	Y_3710	ppm	742.6	0.1854	0.025	742.7	742.5
Ni2316	231.604 {4	In2306	ppm	0.0049	0.0001	1.764	0.005	0.0048
P_1782	178.284 {4	In2306	ppm	0.6764	0.2416	35.72	0.5056	0.8472
Pb2203	220.353 {4	In2306	ppm	0.001	0.0004	40.07	0.0007	0.0013
S_1820	182.034 {4	Y_2243	ppm	-14250	290.6	2.039	-14460	-14050
Sb2068	206.833 {4	Y_2243	ppm	0.0026	0.0004	14.93	0.0028	0.0023
Se1960	196.090 {4	Y_2243	ppm	0.0739	0.0014	1.959	0.075	0.0729
Si2516	251.611 {1	Y_3710	ppm	3.958	0.0622	1.572	3.914	4.002
Sn1899	189.989 {4	In2306	ppm	0	0.0004	894.9	-0.0002	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.4	0.0049	1.233	0.3965	0.4035
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0004	44.18	0.0013	0.0007
Tl1908	190.856 {4	In2306	ppm	0.0009	0.0005	57.62	0.0005	0.0012
V_2924	292.402 {1	Y_3600	ppm	0.0085	0.0001	0.6746	0.0085	0.0086
Zn2062	206.200 {4	In2306	ppm	0.0523	0.0029	5.526	0.0502	0.0543

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.328	0.70827	1.3281	52.827	53.829
In2306	230.606 {4	Cts/S	7766.1	79.658	1.0257	7822.4	7709.8
Y_2243	224.306 {4	Cts/S	11153	108.54	0.9732	11230	11076
Y_3600	360.073 { 9	Cts/S	48409	653.32	1.3496	47947	48871
Y_3710	371.030 { 9	Cts/S	7803.5	51.182	0.65588	7839.7	7767.3

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	210.1	0.0001	0
Al3082	308.215 {1	In2306	ppm	0.087	0.0052	5.979	0.0907	0.0833
As1890	189.042 {4	Y_2243	ppm	0.0069	0.0005	7.209	0.0072	0.0065
B_2496	249.678 {1	Y_3710	ppm	0.0682	0.0079	11.52	0.0627	0.0738
Ba4554	455.403 { 7	Y_3710	ppm	0.1056	0.0007	0.684	0.1051	0.1061
Be3130	313.042 {1	Y_3710	ppm	-0.0004	0.0001	19.26	-0.0003	-0.0004
Ca3158	315.887 {1	In2306	ppm	1339	3.401	0.2539	1337	1342
Ca3181	318.128 {1	In2306	ppm	1404	4.092	0.2914	1401	1407

Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	854.9	-0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0003	51.02	0.0004	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0035	0.0004	10.18	0.0037	0.0032
Cu3247	324.754 {1	Y_3600	ppm	-0.0028	0.0001	2.091	-0.0028	-0.0027
Fe2404	240.488 {1	In2306	ppm	0.169	0.0225	13.32	0.1531	0.1849
K_7664	766.490 { 4	Y_3710	ppm	5.682	0.0972	1.71	5.614	5.751
K_7698	769.896 { 4	Y_3710	ppm	5.808	0.0382	0.6574	5.781	5.835
Li6707	670.784 { 5	Y_3710	ppm	0.0208	0.0003	1.441	0.0206	0.021
Mg2790	279.079 {1	Y_3710	ppm	20.04	0.0659	0.3287	19.99	20.09
Mn2576	257.610 {1	Y_3600	ppm	0.0562	0.0001	0.1112	0.0562	0.0563
Mn2576-2	257.610 {1	Y_3710	ppm	0.056	0.0007	1.249	0.0565	0.0556
Mo2020	202.030 {4	Y_2243	ppm	0.0101	0	0.1415	0.0102	0.0101
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3096	31.23	1.009	3118	3074
Ni2316	231.604 {4	In2306	ppm	0.0076	0	0.1484	0.0076	0.0076
P_1782	178.284 {4	In2306	ppm	4.217	0.1312	3.111	4.31	4.124
Pb2203	220.353 {4	In2306	ppm	-0.0007	0.0005	65.2	-0.0004	-0.0011
S_1820	182.034 {4	Y_2243	ppm	-19000	540.1	2.842	-19380	-18620
Sb2068	206.833 {4	Y_2243	ppm	0.0005	0.0011	210	-0.0003	0.0014
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0001	2.72	0.0026	0.0025
Si2516	251.611 {1	Y_3710	ppm	4.734	0.003	0.0636	4.732	4.736
Sn1899	189.989 {4	In2306	ppm	0.0003	0	7.378	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	2.459	0.0026	0.1051	2.457	2.461
Ti3349	334.904 {1	Y_3600	ppm	0.0062	0.0001	1.708	0.0063	0.0062
Tl1908	190.856 {4	In2306	ppm	-0.0027	0.0002	8.687	-0.0025	-0.0028
V_2924	292.402 {1	Y_3600	ppm	0.0027	0	1.708	0.0027	0.0027
Zn2062	206.200 {4	In2306	ppm	0.0095	0.0002	2.34	0.0094	0.0097

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	47.437	0.50479	1.0641	47.794	47.08
In2306	230.606 {4	Cts/S	5917.4	125.74	2.1249	5828.5	6006.3
Y_2243	224.306 {4	Cts/S	9040.9	190.19	2.1037	8906.5	9175.4
Y_3600	360.073 { 9	Cts/S	47076	70.029	0.14876	47125	47026
Y_3710	371.030 { 9	Cts/S	7375.8	2.0822	0.02823	7377.3	7374.3

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0	29.76	-0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0084	0.0023	26.93	0.01	0.0068
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0003	47.3	0.0004	0.0009
B_2496	249.678 {1	Y_3710	ppm	0.0089	0.0089	100.2	0.0152	0.0026
Ba4554	455.403 { 7	Y_3710	ppm	0.001	0.0001	8.096	0.001	0.0009
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	349.1	0.0001	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.8754	0.0437	4.992	0.9063	0.8445

Ca3181	318.128 {1	In2306	ppm	1.098	0.0212	1.926	1.083	1.113
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	34.5	-0.0001	-0.0002
Co2286	228.616 {4	In2306	ppm	-0.0001	0	46.75	0	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0.0006	292.3	0.0002	-0.0006
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0001	7.753	-0.0019	-0.0017
Fe2404	240.488 {1	In2306	ppm	0.039	0.0009	2.261	0.0397	0.0384
K_7664	766.490 { 4	Y_3710	ppm	7.016	0.6972	9.938	6.523	7.509
K_7698	769.896 { 4	Y_3710	ppm	6.931	0.6859	9.897	6.446	7.416
Li6707	670.784 { 5	Y_3710	ppm	0.0008	0.0002	22.42	0.0009	0.0007
Mg2790	279.079 {1	Y_3710	ppm	0.0414	0.0196	47.36	0.0275	0.0553
Mn2576	257.610 {1	Y_3600	ppm	0.0013	0.0001	4.636	0.0014	0.0013
Mn2576-2	257.610 {1	Y_3710	ppm	0.0017	0.0006	38.52	0.0012	0.0021
Mo2020	202.030 {4	Y_2243	ppm	0.0007	0.0007	108.5	0.0002	0.0012
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	30.62
Na8183	818.326 { 4	Y_3710	ppm	28.84	2.107	7.307	27.35	30.33
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	125.9	0.0001	0
P_1782	178.284 {4	In2306	ppm	0.2279	0.1163	51	0.1457	0.3101
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0009	720.9	0.0008	-0.0005
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	-266	^ -----
Sb2068	206.833 {4	Y_2243	ppm	0.0008	0.0023	290	-0.0008	0.0024
Se1960	196.090 {4	Y_2243	ppm	-0.0017	0.0007	42.34	-0.0012	-0.0022
Si2516	251.611 {1	Y_3710	ppm	0.0448	0.0167	37.24	0.033	0.0566
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0004	114.7	-0.0007	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.004	0.0001	1.775	0.0041	0.004
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0.0005	99.94	-0.0008	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0006	0.0002	38.35	0.0008	0.0005
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0002	63.51	-0.0002	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0052	0.0007	12.81	0.0047	0.0056

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.76	0.8915	1.5707	57.39	56.13
In2306	230.606 {4	Cts/S	9083.3	540.36	5.949	9465.4	8701.2
Y_2243	224.306 {4	Cts/S	12174	366.1	3.0071	12433	11916
Y_3600	360.073 { 9	Cts/S	47248	47.296	0.1001	47281	47214
Y_3710	371.030 { 9	Cts/S	8461.4	113.69	1.3436	8541.8	8381

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Custom ID3=
Run Time=1/25/2012 12:06:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2409	0.0015	0.611	0.2399	0.2419
Al3082	308.215 {1	In2306	ppm	2.602	0.09	3.46	2.666	2.538
As1890	189.042 {4	Y_2243	ppm	0.4736	0.0013	0.2686	0.4745	0.4727
B_2496	249.678 {1	Y_3710	ppm	0.4726	0.0028	0.5877	0.4745	0.4706
Ba4554	455.403 { 7	Y_3710	ppm	0.4841	0.0012	0.2507	0.485	0.4833
Be3130	313.042 {1	Y_3710	ppm	0.4927	0.0009	0.1818	0.4933	0.492

Ca3158	315.887 {1	In2306	ppm	12.32	0.1864	1.513	12.19	12.45
Ca3181	318.128 {1	In2306	ppm	12.55	0.1515	1.207	12.44	12.66
Cd2288	228.802 {4	Y_2243	ppm	0.4774	0.0044	0.9242	0.4805	0.4742
Co2286	228.616 {4	In2306	ppm	0.4857	0.004	0.8258	0.4885	0.4829
Cr2677	267.716 {1	Y_3600	ppm	0.4943	0.0014	0.2928	0.4933	0.4953
Cu3247	324.754 {1	Y_3600	ppm	0.4865	0.0002	0.042	0.4863	0.4866
Fe2404	240.488 {1	In2306	ppm	2.373	0.0326	1.374	2.35	2.396
K_7664	766.490 { 4	Y_3710	ppm	13.39	0.0316	0.2359	13.36	13.41
K_7698	769.896 { 4	Y_3710	ppm	13.48	0.002	0.0149	13.48	13.48
Li6707	670.784 { 5	Y_3710	ppm	0.5261	0.0001	0.0155	0.5261	0.526
Mg2790	279.079 {1	Y_3710	ppm	4.724	0.0408	0.8639	4.695	4.753
Mn2576	257.610 {1	Y_3600	ppm	0.4831	0.0018	0.3777	0.4818	0.4844
Mn2576-2	257.610 {1	Y_3710	ppm	0.4539	0.0024	0.52	0.4522	0.4555
Mo2020	202.030 {4	Y_2243	ppm	0.4788	0.0058	1.202	0.4829	0.4748
Na5895	589.592 { 5	Y_3710	ppm	13.27	0.0211	0.1591	13.25	13.28
Na8183	818.326 { 4	Y_3710	ppm	12.82	0.1424	1.111	12.92	12.72
Ni2316	231.604 {4	In2306	ppm	0.4744	0.0034	0.7075	0.4767	0.472
P_1782	178.284 {4	In2306	ppm	0.004	0.0061	151.7	-0.0003	0.0083
Pb2203	220.353 {4	In2306	ppm	0.4774	0.0032	0.6731	0.4797	0.4752
S_1820	182.034 {4	Y_2243	ppm	-61.46	24.37	39.65	-44.23	-78.7
Sb2068	206.833 {4	Y_2243	ppm	0.4664	0.0054	1.163	0.4703	0.4626
Se1960	196.090 {4	Y_2243	ppm	0.481	0.0029	0.6121	0.4831	0.479
Si2516	251.611 {1	Y_3710	ppm	0.7823	0.0013	0.1656	0.7832	0.7814
Sn1899	189.989 {4	In2306	ppm	0.4943	0.0042	0.8435	0.4973	0.4914
Sr4215	421.552 { 8	Y_3710	ppm	0.2435	0.0004	0.1602	0.2438	0.2432
Ti3349	334.904 {1	Y_3600	ppm	0.5066	0.0004	0.0704	0.5064	0.5069
Tl1908	190.856 {4	In2306	ppm	0.4761	0.0147	3.093	0.4865	0.4657
V_2924	292.402 {1	Y_3600	ppm	0.5057	0.0023	0.4464	0.5041	0.5073
Zn2062	206.200 {4	In2306	ppm	0.484	0.0018	0.3632	0.4853	0.4828

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.745	0.30748	0.54186	56.962	56.528
In2306	230.606 {4	Cts/S	9559	44.099	0.46133	9590.2	9527.8
Y_2243	224.306 {4	Cts/S	12613	22.975	0.18215	12629	12597
Y_3600	360.073 { 9	Cts/S	47063	156.26	0.33201	47174	46953
Y_3710	371.030 { 9	Cts/S	8107.1	19.556	0.24122	8093.2	8120.9

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0.0002	3.296	0.005	0.0052
Al3082	308.215 {1	In2306	ppm	0.1257	0.0294	23.35	0.105	0.1465
As1890	189.042 {4	Y_2243	ppm	0.0104	0.0024	23.21	0.0087	0.0121
B_2496	249.678 {1	Y_3710	ppm	0.0121	0.0057	47.09	0.008	0.0161
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0003	3.339	0.0095	0.01

Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0002	4.038	0.0048	0.0045
Ca3158	315.887 {1	In2306	ppm	0.0988	0.0137	13.89	0.0891	0.1084
Ca3181	318.128 {1	In2306	ppm	0.0905	0.0286	31.58	0.0703	0.1107
Cd2288	228.802 {4	Y_2243	ppm	0.0072	0.003	41.62	0.0051	0.0093
Co2286	228.616 {4	In2306	ppm	0.0122	0.0033	26.88	0.0099	0.0146
Cr2677	267.716 {1	Y_3600	ppm	0.0093	0.0001	1.066	0.0092	0.0093
Cu3247	324.754 {1	Y_3600	ppm	0.0086	0.0001	0.6214	0.0086	0.0087
Fe2404	240.488 {1	In2306	ppm	0.0762	0.0098	12.92	0.0831	0.0692
K_7664	766.490 { 4	Y_3710	ppm	0.6496	0.0008	0.1245	0.649	0.6501
K_7698	769.896 { 4	Y_3710	ppm	0.3746	0.0015	0.4047	0.3757	0.3735
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0.0004	3.909	0.0096	0.0101
Mg2790	279.079 {1	Y_3710	ppm	0.0439	0.0644	146.8	-0.0017	0.0894
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0002	2.184	0.0099	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0101	0.0015	15.27	0.009	0.0112
Mo2020	202.030 {4	Y_2243	ppm	0.0136	0.0038	27.72	0.0109	0.0163
Na5895	589.592 { 5	Y_3710	ppm	0.8035	0.0105	1.305	0.7961	0.811
Na8183	818.326 { 4	Y_3710	ppm	0.6669	0.0661	9.911	0.7137	0.6202
Ni2316	231.604 {4	In2306	ppm	0.0122	0.0028	22.75	0.0102	0.0141
P_1782	178.284 {4	In2306	ppm	0.0098	0.0003	3.01	0.0096	0.01
Pb2203	220.353 {4	In2306	ppm	0.0126	0.0026	20.73	0.0107	0.0144
S_1820	182.034 {4	Y_2243	ppm	-2.138	2.059	96.29	-0.6823	-3.594
Sb2068	206.833 {4	Y_2243	ppm	0.0187	0.0037	19.87	0.016	0.0213
Se1960	196.090 {4	Y_2243	ppm	0.0106	0.0017	15.74	0.0094	0.0118
Si2516	251.611 {1	Y_3710	ppm	-0.0282	0	0.0564	-0.0282	-0.0282
Sn1899	189.989 {4	In2306	ppm	0.0128	0.004	31.27	0.01	0.0156
Sr4215	421.552 { 8	Y_3710	ppm	0.0046	0.0001	2.654	0.0045	0.0047
Ti3349	334.904 {1	Y_3600	ppm	0.0102	0.0002	2.125	0.0101	0.0104
Tl1908	190.856 {4	In2306	ppm	0.0153	0.0047	30.87	0.012	0.0186
V_2924	292.402 {1	Y_3600	ppm	0.0103	0.0004	4.129	0.0106	0.01
Zn2062	206.200 {4	In2306	ppm	0.0109	0.0031	28.6	0.0087	0.0131

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.569	1.1304	2.0342	56.369	54.77
In2306	230.606 {4	Cts/S	10166	3.0063	0.02957	10169	10164
Y_2243	224.306 {4	Cts/S	12863	44.934	0.34933	12831	12895
Y_3600	360.073 { 9	Cts/S	46327	238.52	0.51486	46158	46496
Y_3710	371.030 { 9	Cts/S	8420.3	20.507	0.24354	8434.8	8405.8

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	354.8	-0.0001	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0177	0.0004	2.105	-0.018	-0.0174
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0014	255.1	-0.0004	0.0015
B_2496	249.678 {1	Y_3710	ppm	-0.0048	0.0067	139.3	-0.0095	-0.0001

Ba4554	455.403 { 7	Y_3710	ppm	0	0.0001	2884	0	0
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0002	57.7	-0.0002	-0.0005
Ca3158	315.887 {1	In2306	ppm	-0.0115	0.0223	194.7	-0.0273	0.0043
Ca3181	318.128 {1	In2306	ppm	0.0559	0.0575	102.7	0.0153	0.0965
Cd2288	228.802 {4	Y_2243	ppm	0	0.0001	364.4	0	0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	96.28	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0	0.0004	10180	0.0003	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0012	0.0002	14.22	-0.0011	-0.0013
Fe2404	240.488 {1	In2306	ppm	-0.0136	0.0076	55.75	-0.0082	-0.0189
K_7664	766.490 { 4	Y_3710	ppm	0.023	0.0232	100.7	0.0394	0.0066
K_7698	769.896 { 4	Y_3710	ppm	-0.0206	0.0077	37.57	-0.0151	-0.026
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	33.16	0.0002	0.0004
Mg2790	279.079 {1	Y_3710	ppm	-0.0484	0.1132	233.7	0.0316	-0.1285
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	19.54	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0017	0.0027	159.2	-0.0002	0.0036
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	51.9	0.0001	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.1781	0.0012	0.6979	0.1789	0.1772
Na8183	818.326 { 4	Y_3710	ppm	-0.1446	0.0821	56.81	-0.0865	-0.2027
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	174.5	0.0002	0
P_1782	178.284 {4	In2306	ppm	-0.0004	0.0001	14.46	-0.0004	-0.0005
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0016	487.7	-0.0008	0.0015
S_1820	182.034 {4	Y_2243	ppm	-1.182	0.0269	2.279	-1.163	-1.201
Sb2068	206.833 {4	Y_2243	ppm	0.0043	0.0004	8.823	0.0045	0.004
Se1960	196.090 {4	Y_2243	ppm	-0.0011	0.0003	31.15	-0.0009	-0.0014
Si2516	251.611 {1	Y_3710	ppm	-0.0238	0.0002	0.9862	-0.0239	-0.0236
Sn1899	189.989 {4	In2306	ppm	0	0.0002	635	-0.0001	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0	0	148.7	0	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0004	438.8	-0.0002	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0008	0	0.8025	0.0008	0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0004	0.0003	86.14	0.0001	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0001	76.28	0.0001	0.0002

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	56.886	1.2034	2.1154	56.036	57.737
In2306	230.606 {4	Cts/S	10164	4.8175	0.0474	10161	10168
Y_2243	224.306 {4	Cts/S	12825	23.921	0.18652	12808	12842
Y_3600	360.073 { 9	Cts/S	45550	32.669	0.07172	45573	45527
Y_3710	371.030 { 9	Cts/S	8197.5	51.49	0.62812	8161.1	8233.9

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0002	159	0	0.0003
Al3082	308.215 {1	In2306	ppm	0.154	0.0323	21	0.1768	0.1311
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0007	44.22	0.001	0.0019

B_2496	249.678 {1	Y_3710	ppm	0.0901	0.003	3.364	0.0879	0.0922
Ba4554	455.403 { 7	Y_3710	ppm	0.0581	0.0007	1.281	0.0586	0.0575
Be3130	313.042 {1	In2306	ppm	0.0001	0.0001	173.4	0.0002	0
Ca3158	315.887 {1	In2306	ppm	19.2	0.2502	1.303	19.02	19.38
Ca3181	318.128 {1	In2306	ppm	19.32	0.2111	1.093	19.17	19.47
Cd2288	228.802 {4	Y_2243	ppm	-0.0001	0	8.017	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	31.89	0.0001	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0003	267.9	-0.0001	0.0003
Cu3247	324.754 {1	Y_3600	ppm	-0.0007	0.0001	15.3	-0.0006	-0.0008
Fe2404	240.488 {1	In2306	ppm	0.1566	0.0254	16.25	0.1746	0.1386
K_7664	766.490 { 4	Y_3710	ppm	4.999	0.261	5.221	5.183	4.814
K_7698	769.896 { 4	Y_3710	ppm	4.888	0.2806	5.741	5.087	4.69
Li6707	670.784 { 5	Y_3710	ppm	0.0043	0.0001	3.157	0.0044	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.242	0.0438	1.955	2.211	2.273
Mn2576	257.610 {1	Y_3600	ppm	0.0182	0.0002	1.122	0.0183	0.018
Mn2576-2	257.610 {1	Y_3710	ppm	0.0167	0.0003	1.576	0.0165	0.0169
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0	2.408	0.0015	0.0015
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	65.65	^ -----
Na8183	818.326 { 4	Y_3710	ppm	67.42	1.64	2.432	68.58	66.26
Ni2316	231.604 {4	In2306	ppm	0.0013	0.0001	10.94	0.0014	0.0012
P_1782	178.284 {4	In2306	ppm	0.1305	0	0.0259	0.1305	0.1305
Pb2203	220.353 {4	In2306	ppm	0.0006	0.0003	45.29	0.0009	0.0004
S_1820	182.034 {4	Y_2243	ppm	-319.3	1.934	0.6056	-320.7	-317.9
Sb2068	206.833 {4	Y_2243	ppm	0	0.0012	5640	0.0008	-0.0009
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0005	44.56	-0.0016	-0.0008
Si2516	251.611 {1	Y_3710	ppm	1.4	0.0077	0.5471	1.405	1.394
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0004	75.74	-0.0002	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	0.0983	0.001	1.021	0.099	0.0976
Ti3349	334.904 {1	Y_3600	ppm	0.0016	0.0009	59.16	0.0009	0.0022
Tl1908	190.856 {4	In2306	ppm	0.0003	0.0009	312.3	-0.0004	0.0009
V_2924	292.402 {1	Y_3600	ppm	0.0034	0	1.358	0.0034	0.0035
Zn2062	206.200 {4	In2306	ppm	0.0054	0.0001	1.906	0.0055	0.0054

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.316	0.42864	0.77489	55.013	55.619
In2306	230.606 {4	Cts/S	9262.9	0.47817	0.00516	9263.3	9262.6
Y_2243	224.306 {4	Cts/S	12340	4.0816	0.03308	12337	12343
Y_3600	360.073 { 9	Cts/S	48026	319.96	0.66622	47800	48252
Y_3710	371.030 { 9	Cts/S	8276.2	87.52	1.0575	8214.3	8338.1

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0008	254.2	-0.0002	0.0009
Al3082	308.215 {1	In2306	ppm	0.188	0.0043	2.277	0.191	0.185

As1890	189.042 {4	Y_2243	ppm	0.0022	0.0013	60.64	0.0032	0.0013
B_2496	249.678 {1	Y_3710	ppm	0.1079	0.0009	0.8525	0.1073	0.1086
Ba4554	455.403 { 7	Y_3710	ppm	0.0584	0.0005	0.8408	0.0587	0.058
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	6.326	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	19.15	0.4196	2.191	18.85	19.45
Ca3181	318.128 {1	In2306	ppm	19.26	0.4996	2.595	18.9	19.61
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	43.63	-0.0002	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	33.01	0.0006	0.0004
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0.0007	179.3	-0.0008	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0002	0.0005	237.1	-0.0001	0.0005
Fe2404	240.488 {1	In2306	ppm	0.1506	0.0023	1.528	0.1522	0.149
K_7664	766.490 { 4	Y_3710	ppm	5.073	0.0303	0.5971	5.095	5.052
K_7698	769.896 { 4	Y_3710	ppm	4.92	0.0538	1.093	4.958	4.882
Li6707	670.784 { 5	Y_3710	ppm	0.0044	0.0003	6.131	0.0046	0.0042
Mg2790	279.079 {1	Y_3710	ppm	2.241	0.0892	3.98	2.304	2.178
Mn2576	257.610 {1	Y_3600	ppm	0.0182	0	0.0288	0.0182	0.0182
Mn2576-2	257.610 {1	Y_3710	ppm	0.0156	0.0021	13.64	0.0141	0.0171
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0.0001	5.207	0.0015	0.0014
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	66.36	^ -----
Na8183	818.326 { 4	Y_3710	ppm	68.16	0.059	0.0866	68.12	68.2
Ni2316	231.604 {4	In2306	ppm	0.0012	0.0003	24.89	0.001	0.0014
P_1782	178.284 {4	In2306	ppm	0.1286	0	0.0107	0.1286	0.1286
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0011	1832	0.0007	-0.0008
S_1820	182.034 {4	Y_2243	ppm	-317.1	0.4837	0.1525	-316.8	-317.5
Sb2068	206.833 {4	Y_2243	ppm	0.0014	0.0001	5.833	0.0015	0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0013	449.3	0.0012	-0.0006
Si2516	251.611 {1	Y_3710	ppm	1.422	0.0213	1.498	1.407	1.437
Sn1899	189.989 {4	In2306	ppm	-0.0005	0.0004	94.83	-0.0008	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	0.0988	0.0003	0.2671	0.099	0.0987
Ti3349	334.904 {1	Y_3600	ppm	0.0026	0	0.0283	0.0026	0.0026
Tl1908	190.856 {4	In2306	ppm	-0.0002	0.0004	212.9	-0.0004	0.0001
V_2924	292.402 {1	Y_3600	ppm	0.0042	0.0003	7.286	0.0039	0.0044
Zn2062	206.200 {4	In2306	ppm	0.0051	0.0001	2.694	0.0052	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.065	1.199	2.2176	54.913	53.217
In2306	230.606 {4	Cts/S	9266.8	18.621	0.20094	9280	9253.7
Y_2243	224.306 {4	Cts/S	12350	37.464	0.30334	12377	12324
Y_3600	360.073 { 9	Cts/S	47876	536.14	1.1199	47497	48255
Y_3710	371.030 { 9	Cts/S	8149.7	19.965	0.24498	8135.6	8163.8

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4877	0.0011	0.2211	0.4869	0.4885

Al3082	308.215 {1	In2306	ppm	10.52	0.3791	3.604	10.79	10.25
As1890	189.042 {4	Y_2243	ppm	0.9505	0.0026	0.2781	0.9524	0.9487
B_2496	249.678 {1	Y_3710	ppm	1.052	0.0099	0.937	1.059	1.046
Ba4554	455.403 { 7	Y_3710	ppm	1.021	0.0052	0.5059	1.025	1.018
Be3130	313.042 {1	Y_3710	ppm	0.487	0.0011	0.2231	0.4862	0.4877
Ca3158	315.887 {1	In2306	ppm	28.41	0.4907	1.727	28.76	28.07
Ca3181	318.128 {1	In2306	ppm	28.65	0.4577	1.597	28.98	28.33
Cd2288	228.802 {4	Y_2243	ppm	0.4762	0.0009	0.1848	0.4768	0.4756
Co2286	228.616 {4	In2306	ppm	0.979	0.0012	0.1199	0.9798	0.9781
Cr2677	267.716 {1	Y_3600	ppm	0.9624	0.0053	0.5524	0.9662	0.9587
Cu3247	324.754 {1	Y_3600	ppm	0.9858	0.0095	0.9653	0.9791	0.9926
Fe2404	240.488 {1	In2306	ppm	9.682	0.1495	1.544	9.788	9.576
K_7664	766.490 { 4	Y_3710	ppm	16.16	0.3502	2.167	16.41	15.92
K_7698	769.896 { 4	Y_3710	ppm	16.41	0.3687	2.247	16.67	16.15
Li6707	670.784 { 5	Y_3710	ppm	0.5444	0.0164	3.018	0.556	0.5328
Mg2790	279.079 {1	Y_3710	ppm	11.84	0.024	0.2028	11.82	11.86
Mn2576	257.610 {1	Y_3600	ppm	0.9608	0.0046	0.4812	0.9641	0.9576
Mn2576-2	257.610 {1	Y_3710	ppm	0.9108	0.0032	0.3535	0.9085	0.9131
Mo2020	202.030 {4	Y_2243	ppm	0.9305	0.0048	0.5145	0.9338	0.9271
Na5895	589.592 { 5	Y_3710	ppm	77.75	0.0401	0.0516	77.72	77.78
Na8183	818.326 { 4	Y_3710	ppm	80.06	1.091	1.363	80.83	79.29
Ni2316	231.604 {4	In2306	ppm	0.9474	0.0035	0.3705	0.9499	0.9449
P_1782	178.284 {4	In2306	ppm	0.1319	0.0006	0.4416	0.1315	0.1323
Pb2203	220.353 {4	In2306	ppm	0.9456	0.0004	0.0375	0.9459	0.9454
S_1820	182.034 {4	Y_2243	ppm	-313.4	1.351	0.4312	-314.3	-312.4
Sb2068	206.833 {4	Y_2243	ppm	0.9194	0.0098	1.068	0.9264	0.9125
Se1960	196.090 {4	Y_2243	ppm	0.9531	0.0064	0.6691	0.9576	0.9486
Si2516	251.611 {1	Y_3710	ppm	2.268	0.0201	0.8872	2.254	2.282
Sn1899	189.989 {4	In2306	ppm	0.9972	0.0013	0.1332	0.9981	0.9962
Sr4215	421.552 { 8	Y_3710	ppm	0.5738	0.004	0.6967	0.5767	0.571
Ti3349	334.904 {1	Y_3600	ppm	0.9882	0.001	0.0998	0.9889	0.9875
Tl1908	190.856 {4	In2306	ppm	0.9685	0.0113	1.164	0.9765	0.9605
V_2924	292.402 {1	Y_3600	ppm	0.9962	0.0023	0.2346	0.9978	0.9945
Zn2062	206.200 {4	In2306	ppm	0.9876	0.0042	0.4259	0.9847	0.9906

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.104	1.8146	3.2931	53.821	56.387
In2306	230.606 {4	Cts/S	8952.6	30.144	0.33671	8931.3	8973.9
Y_2243	224.306 {4	Cts/S	12309	76.539	0.62183	12255	12363
Y_3600	360.073 { 9	Cts/S	47413	435.58	0.91869	47721	47105
Y_3710	371.030 { 9	Cts/S	7964.1	37.881	0.47565	7937.3	7990.9

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.4939	0.0013	0.256	0.4948	0.493
Al3082	308.215 {1	In2306	ppm	10.75	0.1215	1.13	10.67	10.84
As1890	189.042 {4	Y_2243	ppm	0.9619	0.0025	0.2643	0.9601	0.9637
B_2496	249.678 {1	Y_3710	ppm	1.067	0.0035	0.3272	1.07	1.065
Ba4554	455.403 { 7	Y_3710	ppm	1.036	0.0078	0.7548	1.03	1.041
Be3130	313.042 {1	Y_3710	ppm	0.4933	0.0008	0.1655	0.4939	0.4928
Ca3158	315.887 {1	In2306	ppm	28.14	0.3029	1.076	28.35	27.92
Ca3181	318.128 {1	In2306	ppm	28.4	0.275	0.9682	28.59	28.2
Cd2288	228.802 {4	Y_2243	ppm	0.4806	0.0004	0.0914	0.4803	0.4809
Co2286	228.616 {4	In2306	ppm	0.9903	0.0012	0.1168	0.9894	0.9911
Cr2677	267.716 {1	Y_3600	ppm	0.9789	0.0071	0.7219	0.9739	0.9839
Cu3247	324.754 {1	Y_3600	ppm	1.008	0.0037	0.3666	1.011	1.006
Fe2404	240.488 {1	In2306	ppm	9.727	0.0271	0.2789	9.746	9.708
K_7664	766.490 { 4	Y_3710	ppm	16.57	0.7346	4.434	16.05	17.09
K_7698	769.896 { 4	Y_3710	ppm	16.81	0.7418	4.412	16.29	17.34
Li6707	670.784 { 5	Y_3710	ppm	0.5629	0.0284	5.045	0.5428	0.583
Mg2790	279.079 {1	Y_3710	ppm	11.97	0.0194	0.1622	11.96	11.98
Mn2576	257.610 {1	Y_3600	ppm	0.97	0.0017	0.1771	0.9688	0.9712
Mn2576-2	257.610 {1	Y_3710	ppm	0.9168	0.0077	0.8388	0.9223	0.9114
Mo2020	202.030 {4	Y_2243	ppm	0.9449	0.0017	0.1797	0.9437	0.9461
Na5895	589.592 { 5	Y_3710	ppm	79.51	0.0695	0.0875	79.46	79.56
Na8183	818.326 { 4	Y_3710	ppm	80.35	1.755	2.185	79.11	81.59
Ni2316	231.604 {4	In2306	ppm	0.9599	0.0015	0.1523	0.9589	0.9609
P_1782	178.284 {4	In2306	ppm	0.131	0.0005	0.38	0.1314	0.1307
Pb2203	220.353 {4	In2306	ppm	0.959	0.0011	0.114	0.9598	0.9582
S_1820	182.034 {4	Y_2243	ppm	-311.3	0.3674	0.118	-311	-311.5
Sb2068	206.833 {4	Y_2243	ppm	0.9431	0.0052	0.549	0.9468	0.9394
Se1960	196.090 {4	Y_2243	ppm	0.9603	0.0022	0.2317	0.9587	0.9619
Si2516	251.611 {1	Y_3710	ppm	2.311	0.0046	0.1989	2.307	2.314
Sn1899	189.989 {4	In2306	ppm	1.012	0.0001	0.0122	1.012	1.012
Sr4215	421.552 { 8	Y_3710	ppm	0.5817	0.0021	0.3615	0.5802	0.5832
Ti3349	334.904 {1	Y_3600	ppm	1.009	0.0016	0.1563	1.008	1.01
Tl1908	190.856 {4	In2306	ppm	0.9783	0.0094	0.9582	0.9849	0.9717
V_2924	292.402 {1	Y_3600	ppm	1.012	0.0015	0.1471	1.011	1.013
Zn2062	206.200 {4	In2306	ppm	0.9954	0.0009	0.0871	0.9948	0.9961

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.671	0.38719	0.70821	54.945	54.397
In2306	230.606 {4	Cts/S	8963.1	9.3891	0.10475	8969.7	8956.4
Y_2243	224.306 {4	Cts/S	12316	15.889	0.12902	12327	12305
Y_3600	360.073 { 9	Cts/S	47070	340.71	0.72383	46829	47311
Y_3710	371.030 { 9	Cts/S	7912.1	50.702	0.64082	7947.9	7876.2

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0003	13940	0.0002	-0.0002
Al3082	308.215	{1	In2306	ppm	3.967	0.1379	3.476	4.064	3.869
As1890	189.042	{4	Y_2243	ppm	0.0165	0.0153	92.47	0.0057	0.0274
B_2496	249.678	{1	Y_3710	ppm	0.1493	0.0029	1.933	0.1473	0.1514
Ba4554	455.403	{ 7	Y_3710	ppm	0.1867	0.0002	0.1251	0.1869	0.1866
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0002	167.7	0.0002	0
Ca3158	315.887	{1	In2306	ppm	50.32	2.368	4.705	52	48.65
Ca3181	318.128	{1	In2306	ppm	50.69	2.412	4.757	52.4	48.99
Cd2288	228.802	{4	Y_2243	ppm	0.0069	0.0083	119.1	0.0011	0.0128
Co2286	228.616	{4	In2306	ppm	0.0159	0.0177	111.8	0.0033	0.0284
Cr2677	267.716	{1	Y_3600	ppm	0.0082	0.0004	4.768	0.0079	0.0085
Cu3247	324.754	{1	Y_3600	ppm	0.0011	0.0001	7.159	0.0012	0.001
Fe2404	240.488	{1	In2306	ppm	2.225	0.0836	3.76	2.284	2.166
K_7664	766.490	{ 4	Y_3710	ppm	9.943	0.0593	0.5959	9.985	9.901
K_7698	769.896	{ 4	Y_3710	ppm	9.882	0.1078	1.091	9.958	9.806
Li6707	670.784	{ 5	Y_3710	ppm	0.0405	0.0003	0.8282	0.0408	0.0403
Mg2790	279.079	{1	Y_3710	ppm	14.46	0.1464	1.013	14.56	14.35
Mn2576	257.610	{1	Y_3600	ppm	0.054	0.0002	0.2996	0.0538	0.0541
Mn2576-2	257.610	{1	Y_3710	ppm	0.0512	0.0003	0.4905	0.0514	0.051
Mo2020	202.030	{4	Y_2243	ppm	0.0304	0.0183	60.31	0.0174	0.0434
Na5895	589.592	{ 5	Y_3710	ppm	70.28	0.4823	0.6863	69.94	70.62
Na8183	818.326	{ 4	Y_3710	ppm	71.81	0.0795	0.1107	71.86	71.75
Ni2316	231.604	{4	In2306	ppm	0.017	0.0172	100.8	0.0049	0.0292
P_1782	178.284	{4	In2306	ppm	0.6471	0.0136	2.099	0.6567	0.6374
Pb2203	220.353	{4	In2306	ppm	0.0142	0.0147	103.2	0.0038	0.0246
S_1820	182.034	{4	Y_2243	ppm	-831	12.43	1.496	-839.8	-822.2
Sb2068	206.833	{4	Y_2243	ppm	0.029	0.0187	64.33	0.0158	0.0422
Se1960	196.090	{4	Y_2243	ppm	0.0114	0.0121	106.7	0.0028	0.0199
Si2516	251.611	{1	Y_3710	ppm	10.42	0.0772	0.7408	10.48	10.37
Sn1899	189.989	{4	In2306	ppm	0.0185	0.0203	109.5	0.0042	0.0329
Sr4215	421.552	{ 8	Y_3710	ppm	0.395	0.0004	0.0938	0.3947	0.3953
Ti3349	334.904	{1	Y_3600	ppm	0.0338	0.0009	2.703	0.0331	0.0344
Tl1908	190.856	{4	In2306	ppm	0.025	0.0253	101.1	0.0071	0.0429
V_2924	292.402	{1	Y_3600	ppm	0.0283	0.0004	1.302	0.028	0.0286
Zn2062	206.200	{4	In2306	ppm	0.0526	0.0166	31.53	0.0408	0.0643

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.89	2.3722	4.4019	52.213	55.567
In2306	230.606	{4	Cts/S	8981.9	16.925	0.18843	8969.9	8993.8
Y_2243	224.306	{4	Cts/S	12227	60.574	0.49543	12184	12269
Y_3600	360.073	{ 9	Cts/S	47149	128.89	0.27338	47058	47240
Y_3710	371.030	{ 9	Cts/S	8043.1	13.015	0.16181	8033.9	8052.3

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0001	0.0004	427.4	0.0002	-0.0004
Al3082	308.215	{1	In2306	ppm	25.93	0.2928	1.13	25.72	26.13
As1890	189.042	{4	Y_2243	ppm	0.0133	0.0002	1.702	0.0131	0.0134
B_2496	249.678	{1	Y_3710	ppm	0.3488	0.0071	2.039	0.3437	0.3538
Ba4554	455.403	{ 7	Y_3710	ppm	0.1792	0.0008	0.4611	0.1798	0.1787
Be3130	313.042	{1	Y_3710	ppm	0.0009	0	3.469	0.0009	0.001
Ca3158	315.887	{1	In2306	ppm	186.6	2.434	1.304	184.9	188.4
Ca3181	318.128	{1	In2306	ppm	191.3	2.502	1.308	189.6	193.1
Cd2288	228.802	{4	Y_2243	ppm	0.0092	0.0006	6.652	0.0088	0.0096
Co2286	228.616	{4	In2306	ppm	0.011	0.0015	13.82	0.0099	0.012
Cr2677	267.716	{1	Y_3600	ppm	0.0394	0.0003	0.6556	0.0396	0.0392
Cu3247	324.754	{1	Y_3600	ppm	0.0382	0.0012	3.047	0.0391	0.0374
Fe2404	240.488	{1	In2306	ppm	27.01	0.2668	0.9878	26.82	27.2
K_7664	766.490	{ 4	Y_3710	ppm	30.08	0.1412	0.4695	30.18	29.98
K_7698	769.896	{ 4	Y_3710	ppm	31.03	0.1819	0.586	31.16	30.91
Li6707	670.784	{ 5	Y_3710	ppm	0.1351	0.0011	0.8489	0.1359	0.1343
Mg2790	279.079	{1	Y_3710	ppm	17.64	0.1576	0.8933	17.53	17.75
Mn2576	257.610	{1	Y_3600	ppm	0.9451	0.0003	0.0306	0.9453	0.9449
Mn2576-2	257.610	{1	Y_3710	ppm	0.9358	0.0008	0.0881	0.9364	0.9352
Mo2020	202.030	{4	Y_2243	ppm	0.0105	0.0017	16.54	0.0093	0.0117
Na5895	589.592	{ 5	Y_3710	ppm	126.8	1.62	1.277	125.7	128
Na8183	818.326	{ 4	Y_3710	ppm	123.9	0.7563	0.6106	124.4	123.3
Ni2316	231.604	{4	In2306	ppm	0.0311	0.0013	4.052	0.0302	0.032
P_1782	178.284	{4	In2306	ppm	0.4935	0.0013	0.2625	0.4944	0.4926
Pb2203	220.353	{4	In2306	ppm	1.322	0.0227	1.72	1.338	1.306
S_1820	182.034	{4	Y_2243	ppm	-26770	376.1	1.405	-27040	-26510
Sb2068	206.833	{4	Y_2243	ppm	0.0171	0.0026	14.92	0.0153	0.0189
Se1960	196.090	{4	Y_2243	ppm	0.0042	0.0003	7.204	0.004	0.0044
Si2516	251.611	{1	Y_3710	ppm	31.66	0.9233	2.916	32.31	31.01
Sn1899	189.989	{4	In2306	ppm	0.0116	0.0016	13.74	0.0105	0.0127
Sr4215	421.552	{ 8	Y_3710	ppm	1.721	0.001	0.0596	1.722	1.721
Ti3349	334.904	{1	Y_3600	ppm	0.2616	0.001	0.3945	0.2623	0.2609
Tl1908	190.856	{4	In2306	ppm	0.0029	0.0024	80.27	0.0013	0.0046
V_2924	292.402	{1	Y_3600	ppm	0.0654	0.0005	0.7744	0.0657	0.065
Zn2062	206.200	{4	In2306	ppm	0.1654	0.0019	1.177	0.1668	0.164

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	54	0.77638	1.4377	54.549	53.451
In2306	230.606	{4	Cts/S	8423.9	1.0431	0.01238	8424.7	8423.2
Y_2243	224.306	{4	Cts/S	12231	48.456	0.39616	12266	12197
Y_3600	360.073	{ 9	Cts/S	46015	68.427	0.14871	45966	46063
Y_3710	371.030	{ 9	Cts/S	7456.4	9.2863	0.12454	7449.8	7462.9

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0001	0.0003	465.1	-0.0001	0.0003
Al3082	308.215	{1	In2306	ppm	0.0369	0.0256	69.35	0.055	0.0188
As1890	189.042	{4	Y_2243	ppm	0.0001	0.0011	1213	-0.0007	0.0009
B_2496	249.678	{1	Y_3710	ppm	0.011	0.0041	37.36	0.0081	0.0139
Ba4554	455.403	{ 7	Y_3710	ppm	0.0044	0	0.396	0.0044	0.0044
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0	40.07	-0.0001	-0.0001
Ca3158	315.887	{1	In2306	ppm	0.0453	0.0016	3.527	0.0442	0.0464
Ca3181	318.128	{1	In2306	ppm	0.1556	0.0493	31.7	0.1207	0.1905
Cd2288	228.802	{4	Y_2243	ppm	0.0005	0.0007	151.3	0	0.001
Co2286	228.616	{4	In2306	ppm	0.0011	0.0008	77.59	0.0005	0.0016
Cr2677	267.716	{1	Y_3600	ppm	0.0003	0.0001	47.05	0.0004	0.0002
Cu3247	324.754	{1	Y_3600	ppm	-0.0012	0.0001	6.098	-0.0011	-0.0012
Fe2404	240.488	{1	In2306	ppm	-0.0186	0.0139	74.75	-0.0088	-0.0284
K_7664	766.490	{ 4	Y_3710	ppm	0.0675	0.0056	8.349	0.0635	0.0715
K_7698	769.896	{ 4	Y_3710	ppm	-0.1874	0.0238	12.71	-0.1705	-0.2042
Li6707	670.784	{ 5	Y_3710	ppm	0.0004	0.0001	32.35	0.0005	0.0003
Mg2790	279.079	{1	Y_3710	ppm	-0.0828	0.0182	21.93	-0.0956	-0.0699
Mn2576	257.610	{1	Y_3600	ppm	0.0017	0.0002	12.43	0.0016	0.0019
Mn2576-2	257.610	{1	Y_3710	ppm	0.0017	0.0019	112.7	0.003	0.0003
Mo2020	202.030	{4	Y_2243	ppm	0.0012	0.0011	90.15	0.0004	0.0019
Na5895	589.592	{ 5	Y_3710	ppm	0.1735	0.0036	2.102	0.1761	0.1709
Na8183	818.326	{ 4	Y_3710	ppm	0.284	0.0421	14.81	0.3138	0.2543
Ni2316	231.604	{4	In2306	ppm	0.0017	0.0017	99.53	0.0005	0.0028
P_1782	178.284	{4	In2306	ppm	0.0206	0.0214	104.2	0.0054	0.0357
Pb2203	220.353	{4	In2306	ppm	0.0542	0.0578	106.6	0.0134	0.0951
S_1820	182.034	{4	Y_2243	ppm	^ *****	-----	-----	-298.1	^ -----
Sb2068	206.833	{4	Y_2243	ppm	0.0038	0.0025	64.86	0.0021	0.0056
Se1960	196.090	{4	Y_2243	ppm	0.0001	0.0009	851.4	0.0008	-0.0005
Si2516	251.611	{1	Y_3710	ppm	0.1321	0.0021	1.58	0.1306	0.1336
Sn1899	189.989	{4	In2306	ppm	0.0004	0.0009	255.1	-0.0003	0.001
Sr4215	421.552	{ 8	Y_3710	ppm	0.0002	0.0001	68.18	0.0002	0.0001
Ti3349	334.904	{1	Y_3600	ppm	0.0006	0.0003	48.48	0.0008	0.0004
Tl1908	190.856	{4	In2306	ppm	0.0021	0.0022	106.2	0.0005	0.0037
V_2924	292.402	{1	Y_3600	ppm	-0.001	0.0006	63.15	-0.0005	-0.0014
Zn2062	206.200	{4	In2306	ppm	0.0109	0.0069	63.65	0.006	0.0158

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.427	0.22181	0.41516	53.584	53.27
In2306	230.606	{4	Cts/S	9915.7	203.84	2.0557	10060	9771.6
Y_2243	224.306	{4	Cts/S	12596	90.014	0.71459	12660	12533
Y_3600	360.073	{ 9	Cts/S	44328	116.58	0.26299	44410	44245
Y_3710	371.030	{ 9	Cts/S	8041.7	25.347	0.31519	8059.7	8023.8

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:32:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0002	0.0007	406	0.0007	-0.0003
Al3082	308.215	{1	In2306	ppm	1.846	0.0336	1.819	1.822	1.87
As1890	189.042	{4	Y_2243	ppm	-0.0008	0.0004	53.61	-0.0005	-0.0011
B_2496	249.678	{1	Y_3710	ppm	0.1054	0.0109	10.35	0.0977	0.1131
Ba4554	455.403	{ 7	Y_3710	ppm	0.065	0	0.0635	0.065	0.0649
Be3130	313.042	{1	Y_3710	ppm	0.0001	0.0001	126.6	0	0.0002
Ca3158	315.887	{1	In2306	ppm	222.5	1.599	0.7186	221.4	223.6
Ca3181	318.128	{1	In2306	ppm	227.7	1.813	0.7962	226.4	228.9
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0.0001	51.47	0.0002	0.0004
Co2286	228.616	{4	In2306	ppm	0.0016	0.0001	6.936	0.0017	0.0015
Cr2677	267.716	{1	Y_3600	ppm	0.0049	0.0002	3.101	0.0048	0.005
Cu3247	324.754	{1	Y_3600	ppm	0.0049	0.001	19.64	0.0056	0.0043
Fe2404	240.488	{1	In2306	ppm	0.2725	0.0165	6.058	0.2608	0.2842
K_7664	766.490	{ 4	Y_3710	ppm	21.31	0.0894	0.4197	21.24	21.37
K_7698	769.896	{ 4	Y_3710	ppm	22.27	0.1842	0.8269	22.14	22.4
Li6707	670.784	{ 5	Y_3710	ppm	0.0082	0.0001	1.585	0.0082	0.0081
Mg2790	279.079	{1	Y_3710	ppm	79.26	0.4676	0.5899	78.93	79.59
Mn2576	257.610	{1	Y_3600	ppm	0.1421	0.001	0.7071	0.1428	0.1414
Mn2576-2	257.610	{1	Y_3710	ppm	0.1414	0.0004	0.2701	0.1416	0.1411
Mo2020	202.030	{4	Y_2243	ppm	0.0057	0.0001	1.559	0.0058	0.0056
Na5895	589.592	{ 5	Y_3710	ppm	881.2	2.501	0.2839	882.9	879.4
Na8183	818.326	{ 4	Y_3710	ppm	1362	2.66	0.1953	1360	1364
Ni2316	231.604	{4	In2306	ppm	0.0218	0.0001	0.5266	0.0219	0.0217
P_1782	178.284	{4	In2306	ppm	0.0887	0.0013	1.476	0.0878	0.0896
Pb2203	220.353	{4	In2306	ppm	0.0078	0.0014	18.03	0.0068	0.0088
S_1820	182.034	{4	Y_2243	ppm	-28130	184.2	0.6549	-28260	-28000
Sb2068	206.833	{4	Y_2243	ppm	0.002	0.0002	10.43	0.0021	0.0018
Se1960	196.090	{4	Y_2243	ppm	0.0004	0	8.45	0.0004	0.0004
Si2516	251.611	{1	Y_3710	ppm	8.409	0.0975	1.159	8.34	8.478
Sn1899	189.989	{4	In2306	ppm	0	0.0002	1030	-0.0002	0.0002
Sr4215	421.552	{ 8	Y_3710	ppm	0.4003	0.0006	0.1583	0.3998	0.4007
Ti3349	334.904	{1	Y_3600	ppm	0.0027	0.0002	5.68	0.0026	0.0028
Tl1908	190.856	{4	In2306	ppm	0.0025	0.0002	6.325	0.0024	0.0026
V_2924	292.402	{1	Y_3600	ppm	0.0005	0.0002	37.98	0.0007	0.0004
Zn2062	206.200	{4	In2306	ppm	0.1251	0.001	0.822	0.1258	0.1244

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	51.287	0.55961	1.0911	51.682	50.891
In2306	230.606	{4	Cts/S	6897.9	5.9601	0.0864	6902.2	6893.7
Y_2243	224.306	{4	Cts/S	10298	7.4301	0.07215	10303	10293
Y_3600	360.073	{ 9	Cts/S	48215	269.65	0.55926	48025	48406
Y_3710	371.030	{ 9	Cts/S	7602.5	41.397	0.54452	7631.8	7573.2

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Custom ID3=
Run Time=1/25/2012 12:35:30
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0006	113	0.0001	0.0009
Al3082	308.215 {1	In2306	ppm	0.28	0.1089	38.89	0.203	0.3569
As1890	189.042 {4	Y_2243	ppm	0.0017	0.0007	39.39	0.0012	0.0022
B_2496	249.678 {1	Y_3710	ppm	0.0928	0.0037	3.943	0.0902	0.0954
Ba4554	455.403 { 7	Y_3710	ppm	0.0473	0.0004	0.8757	0.047	0.0476
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0002	177.4	0	-0.0003
Ca3158	315.887 {1	In2306	ppm	47.42	2.471	5.211	45.67	49.17
Ca3181	318.128 {1	In2306	ppm	48.07	2.433	5.061	46.35	49.79
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	23.63	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0006	0.0002	38.17	0.0005	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0034	0.0004	11.81	0.0031	0.0037
Cu3247	324.754 {1	Y_3600	ppm	0.0023	0.0006	27.4	0.0019	0.0028
Fe2404	240.488 {1	In2306	ppm	3.185	0.1407	4.418	3.086	3.284
K_7664	766.490 { 4	Y_3710	ppm	340.1	19.85	5.837	354.2	326.1
K_7698	769.896 { 4	Y_3710	ppm	394.7	5.302	1.343	390.9	398.4
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0006	5.836	0.0095	0.0103
Mg2790	279.079 {1	Y_3710	ppm	5.135	0.0354	0.6899	5.16	5.11
Mn2576	257.610 {1	Y_3600	ppm	0.066	0.0016	2.443	0.0648	0.0671
Mn2576-2	257.610 {1	Y_3710	ppm	0.0652	0.0016	2.401	0.0641	0.0663
Mo2020	202.030 {4	Y_2243	ppm	0.0049	0.0003	6.476	0.0052	0.0047
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	1035	^ -----
Na8183	818.326 { 4	Y_3710	ppm	1748	15.18	0.8682	1738	1759
Ni2316	231.604 {4	In2306	ppm	0.0067	0.0008	11.42	0.0061	0.0072
P_1782	178.284 {4	In2306	ppm	8.06	0.4457	5.53	8.375	7.745
Pb2203	220.353 {4	In2306	ppm	0.0024	0.0005	20.94	0.002	0.0027
S_1820	182.034 {4	Y_2243	ppm	-12000	769.7	6.413	-11460	-12550
Sb2068	206.833 {4	Y_2243	ppm	0.0014	0.0001	10.82	0.0015	0.0013
Se1960	196.090 {4	Y_2243	ppm	-0.002	0.0009	46.44	-0.0013	-0.0026
Si2516	251.611 {1	Y_3710	ppm	4.248	0.0164	0.3852	4.259	4.236
Sn1899	189.989 {4	In2306	ppm	0.0003	0	0.3626	0.0003	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.2055	0.0005	0.2538	0.2051	0.2058
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0007	32.61	0.0017	0.0028
Tl1908	190.856 {4	In2306	ppm	-0.0003	0.0009	289	0.0003	-0.001
V_2924	292.402 {1	Y_3600	ppm	0.0035	0.0008	22.29	0.0041	0.003
Zn2062	206.200 {4	In2306	ppm	0.1286	0.0016	1.259	0.1298	0.1275

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	49.502	2.723	5.5008	51.428	47.577
In2306	230.606 {4	Cts/S	6882.3	4.1548	0.06037	6879.4	6885.3
Y_2243	224.306 {4	Cts/S	10268	5.3776	0.05237	10272	10264
Y_3600	360.073 { 9	Cts/S	48114	1043.9	2.1696	48852	47376
Y_3710	371.030 { 9	Cts/S	7557	2.3397	0.03096	7558.7	7555.4

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:38:14
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.4962	0.0032	0.6445	0.4939	0.4985
Al3082	308.215	{1	In2306	ppm	11.07	0.4825	4.359	11.41	10.73
As1890	189.042	{4	Y_2243	ppm	0.9776	0.0081	0.8248	0.9833	0.9719
B_2496	249.678	{1	Y_3710	ppm	1.07	0.0117	1.092	1.062	1.079
Ba4554	455.403	{ 7	Y_3710	ppm	1.052	0.0022	0.2098	1.053	1.05
Be3130	313.042	{1	Y_3710	ppm	0.4895	0.0009	0.1875	0.4889	0.4902
Ca3158	315.887	{1	In2306	ppm	28.49	1.155	4.055	29.3	27.67
Ca3181	318.128	{1	In2306	ppm	28.65	1.225	4.275	29.52	27.79
Cd2288	228.802	{4	Y_2243	ppm	0.4871	0.001	0.2114	0.4879	0.4864
Co2286	228.616	{4	In2306	ppm	0.9842	0.0057	0.5745	0.9882	0.9802
Cr2677	267.716	{1	Y_3600	ppm	0.9817	0.0037	0.3819	0.9843	0.979
Cu3247	324.754	{1	Y_3600	ppm	1.009	0.0048	0.4712	1.012	1.005
Fe2404	240.488	{1	In2306	ppm	9.938	0.4221	4.247	10.24	9.64
K_7664	766.490	{ 4	Y_3710	ppm	17.7	0.0613	0.3464	17.65	17.74
K_7698	769.896	{ 4	Y_3710	ppm	18.05	0.0966	0.5353	17.98	18.12
Li6707	670.784	{ 5	Y_3710	ppm	1.19	0.0036	0.299	1.187	1.193
Mg2790	279.079	{1	Y_3710	ppm	11.91	0.0104	0.0877	11.9	11.92
Mn2576	257.610	{1	Y_3600	ppm	0.9861	0.0001	0.0104	0.9862	0.986
Mn2576-2	257.610	{1	Y_3710	ppm	0.9289	0.0011	0.1223	0.9297	0.9281
Mo2020	202.030	{4	Y_2243	ppm	0.9426	0.0042	0.4413	0.9456	0.9397
Na5895	589.592	{ 5	Y_3710	ppm	81.25	1.015	1.25	80.53	81.97
Na8183	818.326	{ 4	Y_3710	ppm	82.14	0.3086	0.3757	81.92	82.36
Ni2316	231.604	{4	In2306	ppm	0.9635	0.0067	0.6969	0.9682	0.9587
P_1782	178.284	{4	In2306	ppm	1.17	0.0112	0.9538	1.162	1.178
Pb2203	220.353	{4	In2306	ppm	0.9608	0.0073	0.7614	0.9659	0.9556
S_1820	182.034	{4	Y_2243	ppm	-342	27.97	8.178	-322.2	-361.8
Sb2068	206.833	{4	Y_2243	ppm	0.9611	0.0008	0.0844	0.9617	0.9605
Se1960	196.090	{4	Y_2243	ppm	0.9668	0.0036	0.3701	0.9694	0.9643
Si2516	251.611	{1	Y_3710	ppm	2.437	0.0546	2.24	2.398	2.476
Sn1899	189.989	{4	In2306	ppm	0.9933	0.0052	0.5225	0.997	0.9896
Sr4215	421.552	{ 8	Y_3710	ppm	0.5863	0.001	0.1714	0.587	0.5855
Ti3349	334.904	{1	Y_3600	ppm	1.003	0.0023	0.2329	1.001	1.004
Tl1908	190.856	{4	In2306	ppm	0.9989	0.0009	0.0904	0.9995	0.9982
V_2924	292.402	{1	Y_3600	ppm	0.9983	0.0104	1.045	1.006	0.9909
Zn2062	206.200	{4	In2306	ppm	0.9871	0.0061	0.622	0.9915	0.9828

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	53.247	2.4349	4.5729	51.525	54.969
In2306	230.606	{4	Cts/S	8857.4	24.351	0.27492	8874.6	8840.2
Y_2243	224.306	{4	Cts/S	12104	49.609	0.40986	12139	12069
Y_3600	360.073	{ 9	Cts/S	47312	193.25	0.40846	47449	47175
Y_3710	371.030	{ 9	Cts/S	7853.7	2.8502	0.03629	7855.7	7851.6

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:40:43

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2431	0.0002	0.0687	0.243	0.2432
Al3082	308.215 {1	In2306	ppm	2.663	0.0009	0.0352	2.662	2.663
As1890	189.042 {4	Y_2243	ppm	0.4764	0.0014	0.3038	0.4754	0.4775
B_2496	249.678 {1	Y_3710	ppm	0.4897	0.0013	0.2633	0.4887	0.4906
Ba4554	455.403 { 7	Y_3710	ppm	0.4907	0.0018	0.3676	0.4919	0.4894
Be3130	313.042 {1	Y_3710	ppm	0.4913	0.0017	0.3497	0.4901	0.4925
Ca3158	315.887 {1	In2306	ppm	12.67	0.0443	0.3493	12.7	12.64
Ca3181	318.128 {1	In2306	ppm	12.78	0.2061	1.612	12.64	12.93
Cd2288	228.802 {4	Y_2243	ppm	0.482	0.001	0.2129	0.4827	0.4813
Co2286	228.616 {4	In2306	ppm	0.4914	0.0033	0.6759	0.4891	0.4938
Cr2677	267.716 {1	Y_3600	ppm	0.4929	0.0044	0.8862	0.496	0.4898
Cu3247	324.754 {1	Y_3600	ppm	0.4885	0.0034	0.6995	0.4909	0.4861
Fe2404	240.488 {1	In2306	ppm	2.433	0.0378	1.553	2.46	2.407
K_7664	766.490 { 4	Y_3710	ppm	14.38	0.077	0.5355	14.44	14.33
K_7698	769.896 { 4	Y_3710	ppm	14.58	0.1356	0.9303	14.67	14.48
Li6707	670.784 { 5	Y_3710	ppm	0.5659	0.0077	1.355	0.5714	0.5605
Mg2790	279.079 {1	Y_3710	ppm	4.659	0.025	0.5367	4.676	4.641
Mn2576	257.610 {1	Y_3600	ppm	0.4817	0.0004	0.0788	0.482	0.4815
Mn2576-2	257.610 {1	Y_3710	ppm	0.4453	0.0043	0.9659	0.4423	0.4483
Mo2020	202.030 {4	Y_2243	ppm	0.4831	0.0029	0.6	0.4811	0.4852
Na5895	589.592 { 5	Y_3710	ppm	14.14	0.1365	0.9653	14.24	14.05
Na8183	818.326 { 4	Y_3710	ppm	13.23	0.1567	1.184	13.34	13.12
Ni2316	231.604 {4	In2306	ppm	0.4758	0.0025	0.5351	0.474	0.4776
P_1782	178.284 {4	In2306	ppm	0.006	0.0087	145.9	-0.0002	0.0121
Pb2203	220.353 {4	In2306	ppm	0.4787	0.0021	0.4349	0.4772	0.4802
S_1820	182.034 {4	Y_2243	ppm	-48.76	3.384	6.94	-46.37	-51.16
Sb2068	206.833 {4	Y_2243	ppm	0.4799	0.0038	0.7899	0.4772	0.4825
Se1960	196.090 {4	Y_2243	ppm	0.4801	0.0002	0.0313	0.48	0.4802
Si2516	251.611 {1	Y_3710	ppm	0.7884	0.0473	5.998	0.7549	0.8218
Sn1899	189.989 {4	In2306	ppm	0.5029	0.0043	0.8503	0.4999	0.5059
Sr4215	421.552 { 8	Y_3710	ppm	0.2462	0.0005	0.185	0.2466	0.2459
Ti3349	334.904 {1	Y_3600	ppm	0.5061	0.0005	0.098	0.5058	0.5065
Tl1908	190.856 {4	In2306	ppm	0.4851	0.0091	1.867	0.4915	0.4787
V_2924	292.402 {1	Y_3600	ppm	0.5054	0.001	0.2008	0.5047	0.5061
Zn2062	206.200 {4	In2306	ppm	0.4827	0.0019	0.4019	0.4813	0.484

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.266	0.64498	1.1886	53.81	54.722
In2306	230.606 {4	Cts/S	9515.3	22.56	0.23709	9531.2	9499.3
Y_2243	224.306 {4	Cts/S	12513	18.632	0.14889	12526	12500
Y_3600	360.073 { 9	Cts/S	46578	221	0.47448	46421	46734
Y_3710	371.030 { 9	Cts/S	8033.5	8.3388	0.1038	8027.6	8039.4

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=1/25/2012 12:43:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.0049	0.0008	16.97	0.0043	0.0055
Al3082	308.215	{1	In2306	ppm	0.0618	0.0396	64.19	0.0337	0.0898
As1890	189.042	{4	Y_2243	ppm	0.011	0.0025	22.41	0.0093	0.0128
B_2496	249.678	{1	Y_3710	ppm	0.0025	0.0011	44.46	0.0017	0.0032
Ba4554	455.403	{ 7	Y_3710	ppm	0.0097	0	0.3557	0.0098	0.0097
Be3130	313.042	{1	Y_3710	ppm	0.0047	0.0001	2.511	0.0048	0.0047
Ca3158	315.887	{1	In2306	ppm	0.076	0.0032	4.218	0.0782	0.0737
Ca3181	318.128	{1	In2306	ppm	0.1382	0.091	65.87	0.2025	0.0738
Cd2288	228.802	{4	Y_2243	ppm	0.0073	0.0031	42.01	0.0051	0.0095
Co2286	228.616	{4	In2306	ppm	0.0126	0.0033	25.94	0.0103	0.0149
Cr2677	267.716	{1	Y_3600	ppm	0.0096	0.0004	4.684	0.0099	0.0093
Cu3247	324.754	{1	Y_3600	ppm	0.0077	0.0001	1.38	0.0076	0.0078
Fe2404	240.488	{1	In2306	ppm	0.0699	0.0198	28.27	0.0838	0.0559
K_7664	766.490	{ 4	Y_3710	ppm	0.8329	0.0011	0.134	0.8337	0.8321
K_7698	769.896	{ 4	Y_3710	ppm	0.5883	0.0213	3.613	0.5733	0.6033
Li6707	670.784	{ 5	Y_3710	ppm	0.0109	0.0004	3.657	0.0106	0.0112
Mg2790	279.079	{1	Y_3710	ppm	0.0656	0.0106	16.19	0.0581	0.0731
Mn2576	257.610	{1	Y_3600	ppm	0.0102	0	0.1948	0.0102	0.0102
Mn2576-2	257.610	{1	Y_3710	ppm	0.0083	0.0008	9.042	0.0078	0.0089
Mo2020	202.030	{4	Y_2243	ppm	0.0141	0.0041	28.82	0.0113	0.017
Na5895	589.592	{ 5	Y_3710	ppm	0.8479	0.0197	2.325	0.834	0.8618
Na8183	818.326	{ 4	Y_3710	ppm	0.8934	0.0121	1.35	0.8849	0.9019
Ni2316	231.604	{4	In2306	ppm	0.0119	0.0032	27.13	0.0097	0.0142
P_1782	178.284	{4	In2306	ppm	0.0088	0.0007	8.189	0.0083	0.0093
Pb2203	220.353	{4	In2306	ppm	0.0126	0.0027	21.42	0.0107	0.0145
S_1820	182.034	{4	Y_2243	ppm	-3.486	0.3523	10.11	-3.236	-3.735
Sb2068	206.833	{4	Y_2243	ppm	0.0194	0.0026	13.66	0.0175	0.0212
Se1960	196.090	{4	Y_2243	ppm	0.0102	0.0041	40.68	0.0072	0.0131
Si2516	251.611	{1	Y_3710	ppm	-0.0048	0.0075	156.1	-0.0101	0.0005
Sn1899	189.989	{4	In2306	ppm	0.0128	0.0036	28.09	0.0102	0.0153
Sr4215	421.552	{ 8	Y_3710	ppm	0.0048	0	0.6001	0.0048	0.0048
Ti3349	334.904	{1	Y_3600	ppm	0.0107	0.0005	4.474	0.0103	0.011
Tl1908	190.856	{4	In2306	ppm	0.0173	0.007	40.32	0.0124	0.0223
V_2924	292.402	{1	Y_3600	ppm	0.0105	0.0002	2.04	0.0104	0.0107
Zn2062	206.200	{4	In2306	ppm	0.0107	0.0031	28.81	0.0086	0.0129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	57.148	0.20034	0.35056	57.006	57.289
In2306	230.606	{4	Cts/S	10093	4.6227	0.0458	10097	10090
Y_2243	224.306	{4	Cts/S	12796	39.112	0.30566	12768	12824
Y_3600	360.073	{ 9	Cts/S	45384	97.178	0.21413	45452	45315
Y_3710	371.030	{ 9	Cts/S	8250.6	29.6	0.35876	8271.5	8229.6

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Custom ID1=
Custom ID2=

Custom ID3=
Run Time=1/25/2012 12:45:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.001	281.1	-0.0004	0.0011
Al3082	308.215 {1	In2306	ppm	-0.0387	0.01	25.76	-0.0457	-0.0316
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0003	101.7	0.0006	0.0001
B_2496	249.678 {1	Y_3710	ppm	-0.0019	0.0084	454	0.0041	-0.0078
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	145.4	0	0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	46.19	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.0013	0.0107	846.9	-0.0063	0.0088
Ca3181	318.128 {1	In2306	ppm	0.0689	0.1368	198.5	-0.0278	0.1656
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0003	140.8	0	0.0004
Co2286	228.616 {4	In2306	ppm	0.0003	0.0005	151.2	0	0.0007
Cr2677	267.716 {1	Y_3600	ppm	-0.0002	0	3.023	-0.0002	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0021	0.0005	24.59	-0.0017	-0.0024
Fe2404	240.488 {1	In2306	ppm	-0.0308	0.011	35.73	-0.0386	-0.0231
K_7664	766.490 { 4	Y_3710	ppm	0.1603	0.0042	2.592	0.1632	0.1573
K_7698	769.896 { 4	Y_3710	ppm	0.1201	0.032	26.68	0.1428	0.0975
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0005	92.36	0.0002	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.0304	0.0487	160.2	-0.004	0.0648
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	103.2	0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0001	56.83	-0.0001	-0.0003
Mo2020	202.030 {4	Y_2243	ppm	0.0008	0.0005	58.26	0.0005	0.0012
Na5895	589.592 { 5	Y_3710	ppm	0.1632	0.0011	0.6867	0.1624	0.164
Na8183	818.326 { 4	Y_3710	ppm	0.3174	0.075	23.62	0.3704	0.2644
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0004	329.8	-0.0002	0.0004
P_1782	178.284 {4	In2306	ppm	0.0004	0.0002	56.18	0.0006	0.0002
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0001	13.04	0.0008	0.0009
S_1820	182.034 {4	Y_2243	ppm	-4.083	0.0458	1.121	-4.051	-4.115
Sb2068	206.833 {4	Y_2243	ppm	0.0053	0.0001	2.673	0.0054	0.0052
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0003	45.76	-0.0004	-0.0008
Si2516	251.611 {1	Y_3710	ppm	-0.0036	0.0047	131.6	-0.0002	-0.007
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0007	143.6	0	0.001
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	21.25	-0.0001	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0001	17.59	0.0005	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0012	0.001	82.11	0.0005	0.0019
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0001	17.06	-0.0006	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0003	0.0003	110.4	0.0001	0.0005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.55	0.83489	1.5591	54.141	52.96
In2306	230.606 {4	Cts/S	10071	31.651	0.31427	10049	10094
Y_2243	224.306 {4	Cts/S	12764	44.37	0.34763	12732	12795
Y_3600	360.073 { 9	Cts/S	44564	226.87	0.50908	44404	44725
Y_3710	371.030 { 9	Cts/S	7960.4	104.24	1.3095	7886.7	8034.1

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Custom ID1=

Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:48:29
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	14.81	0.0003	0.0002
Al3082	308.215 {1	In2306	ppm	0.0335	0.0104	31.2	0.0261	0.0409
As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0006	277.5	0.0002	-0.0006
B_2496	249.678 {1	Y_3710	ppm	0.0078	0.013	166.7	-0.0014	0.017
Ba4554	455.403 { 7	Y_3710	ppm	0.0119	0	0.3811	0.012	0.0119
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	19.05	-0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	3.65	0.1197	3.279	3.565	3.734
Ca3181	318.128 {1	In2306	ppm	3.798	0.1298	3.418	3.706	3.89
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0001	39.62	-0.0002	-0.0001
Co2286	228.616 {4	In2306	ppm	0	0.0002	685.6	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0008	0.0004	57.06	-0.0005	-0.0011
Cu3247	324.754 {1	Y_3600	ppm	-0.0018	0.0003	15.89	-0.002	-0.0016
Fe2404	240.488 {1	In2306	ppm	0.0114	0.0076	66.47	0.0168	0.0061
K_7664	766.490 { 4	Y_3710	ppm	1.131	0.0344	3.043	1.107	1.156
K_7698	769.896 { 4	Y_3710	ppm	0.8751	0.0142	1.625	0.865	0.8851
Li6707	670.784 { 5	Y_3710	ppm	0.001	0.0002	23.8	0.0012	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.5103	0.0151	2.95	0.521	0.4997
Mn2576	257.610 {1	Y_3600	ppm	0.0038	0	0.2702	0.0038	0.0038
Mn2576-2	257.610 {1	Y_3710	ppm	0.0044	0.0008	19.02	0.0049	0.0038
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0001	35.24	0.0002	0.0003
Na5895	589.592 { 5	Y_3710	ppm	14.11	0.5098	3.614	13.75	14.47
Na8183	818.326 { 4	Y_3710	ppm	13.7	0.1883	1.374	13.57	13.84
Ni2316	231.604 {4	In2306	ppm	0.0001	0	11.08	0.0001	0.0002
P_1782	178.284 {4	In2306	ppm	0.0236	0.0009	3.654	0.0242	0.023
Pb2203	220.353 {4	In2306	ppm	0.0001	0.0005	516.2	-0.0003	0.0005
S_1820	182.034 {4	Y_2243	ppm	-62.74	0.3723	0.5935	-63	-62.48
Sb2068	206.833 {4	Y_2243	ppm	0.0012	0.0014	114.5	0.0022	0.0002
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0012	244.1	-0.0003	0.0013
Si2516	251.611 {1	Y_3710	ppm	0.2557	0.0003	0.1184	0.2559	0.2555
Sn1899	189.989 {4	In2306	ppm	-0.0004	0	0.9977	-0.0004	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0196	0	0.133	0.0195	0.0196
Ti3349	334.904 {1	Y_3600	ppm	0	0	139.5	0.0001	0
Tl1908	190.856 {4	In2306	ppm	0.001	0.0007	69.06	0.0016	0.0005
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0006	36.01	0.002	0.0012
Zn2062	206.200 {4	In2306	ppm	0.0032	0.0001	3.526	0.0033	0.0031

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	57.224	2.5498	4.4558	59.027	55.421
In2306	230.606 {4	Cts/S	9839.9	30.905	0.31407	9861.8	9818.1
Y_2243	224.306 {4	Cts/S	12698	51.222	0.40338	12734	12662
Y_3600	360.073 { 9	Cts/S	46772	80.867	0.1729	46829	46714
Y_3710	371.030 { 9	Cts/S	8348.8	36.023	0.43148	8374.2	8323.3

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Username=admin
Comment=

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Custom ID2=
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Run Time=1/25/2012 12:51:07
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2437	0.0005	0.2193	0.2441	0.2433
Al3082	308.215 {1	In2306	ppm	2.675	0.0297	1.109	2.654	2.696
As1890	189.042 {4	Y_2243	ppm	0.467	0.0024	0.5155	0.4687	0.4653
B_2496	249.678 {1	Y_3710	ppm	0.4768	0.0109	2.283	0.4845	0.4691
Ba4554	455.403 { 7	Y_3710	ppm	0.484	0.0013	0.2613	0.4831	0.4849
Be3130	313.042 {1	Y_3710	ppm	0.4891	0.0013	0.2717	0.4882	0.49
Ca3158	315.887 {1	In2306	ppm	13.02	0.1047	0.8039	13.1	12.95
Ca3181	318.128 {1	In2306	ppm	13.19	0.098	0.7434	13.26	13.12
Cd2288	228.802 {4	Y_2243	ppm	0.4772	0.0005	0.1117	0.4768	0.4776
Co2286	228.616 {4	In2306	ppm	0.4889	0.0006	0.1173	0.4885	0.4893
Cr2677	267.716 {1	Y_3600	ppm	0.5	0.0022	0.4376	0.4985	0.5016
Cu3247	324.754 {1	Y_3600	ppm	0.4877	0.0026	0.5289	0.4896	0.4859
Fe2404	240.488 {1	In2306	ppm	2.473	0.0356	1.44	2.498	2.448
K_7664	766.490 { 4	Y_3710	ppm	13.44	0.1355	1.008	13.53	13.34
K_7698	769.896 { 4	Y_3710	ppm	13.57	0.0864	0.6362	13.63	13.51
Li6707	670.784 { 5	Y_3710	ppm	0.526	0.0024	0.4488	0.5277	0.5244
Mg2790	279.079 {1	Y_3710	ppm	4.761	0.0238	0.5008	4.778	4.744
Mn2576	257.610 {1	Y_3600	ppm	0.4868	0.0008	0.1601	0.4874	0.4863
Mn2576-2	257.610 {1	Y_3710	ppm	0.446	0.0017	0.3825	0.4448	0.4472
Mo2020	202.030 {4	Y_2243	ppm	0.4703	0.0015	0.3152	0.4714	0.4693
Na5895	589.592 { 5	Y_3710	ppm	13.21	0.0727	0.5505	13.26	13.15
Na8183	818.326 { 4	Y_3710	ppm	12.69	0.0014	0.0111	12.7	12.69
Ni2316	231.604 {4	In2306	ppm	0.4703	0.0004	0.0883	0.47	0.4706
P_1782	178.284 {4	In2306	ppm	-0.0007	0	1.925	-0.0007	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.4748	0.0003	0.0603	0.4746	0.475
S_1820	182.034 {4	Y_2243	ppm	-42.32	0.113	0.2671	-42.4	-42.24
Sb2068	206.833 {4	Y_2243	ppm	0.4629	0.0037	0.7976	0.4655	0.4603
Se1960	196.090 {4	Y_2243	ppm	0.4697	0	0.0021	0.4697	0.4697
Si2516	251.611 {1	Y_3710	ppm	0.7788	0.051	6.545	0.7428	0.8149
Sn1899	189.989 {4	In2306	ppm	0.5027	0.0004	0.0827	0.5024	0.503
Sr4215	421.552 { 8	Y_3710	ppm	0.2415	0.0007	0.2846	0.241	0.242
Ti3349	334.904 {1	Y_3600	ppm	0.5142	0.004	0.7866	0.517	0.5113
Tl1908	190.856 {4	In2306	ppm	0.498	0.0036	0.7245	0.5006	0.4955
V_2924	292.402 {1	Y_3600	ppm	0.5137	0.0023	0.4552	0.5153	0.512
Zn2062	206.200 {4	In2306	ppm	0.481	0.0022	0.4554	0.4795	0.4826

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	54.172	0.44202	0.81596	53.859	54.484
In2306	230.606 {4	Cts/S	9559.8	3.4171	0.03574	9562.2	9557.4
Y_2243	224.306 {4	Cts/S	12705	21.671	0.17057	12690	12720
Y_3600	360.073 { 9	Cts/S	46336	243.13	0.52471	46164	46508
Y_3710	371.030 { 9	Cts/S	8172.9	5.7292	0.0701	8168.9	8177

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Username=admin

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Custom ID2=
Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0047	0.0004	9.134	0.0044	0.005
Al3082	308.215 {1	In2306	ppm	0.0745	0.0075	10.04	0.0797	0.0692
As1890	189.042 {4	Y_2243	ppm	0.0106	0.0001	1.089	0.0105	0.0107
B_2496	249.678 {1	Y_3710	ppm	0.0102	0.0048	46.75	0.0068	0.0136
Ba4554	455.403 { 7	Y_3710	ppm	0.0102	0.0001	0.8861	0.0103	0.0102
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.367	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.0735	0.0074	10.1	0.0788	0.0683
Ca3181	318.128 {1	In2306	ppm	0.0874	0.0298	34.05	0.0664	0.1085
Cd2288	228.802 {4	Y_2243	ppm	0.0061	0.0019	30.67	0.0048	0.0074
Co2286	228.616 {4	In2306	ppm	0.0114	0.0021	18.45	0.0099	0.0129
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0	0.3947	0.0098	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0078	0.0003	3.785	0.008	0.0076
Fe2404	240.488 {1	In2306	ppm	0.0935	0.0081	8.654	0.0877	0.0992
K_7664	766.490 { 4	Y_3710	ppm	0.7334	0.0222	3.032	0.7491	0.7177
K_7698	769.896 { 4	Y_3710	ppm	0.4517	0.0057	1.26	0.4557	0.4477
Li6707	670.784 { 5	Y_3710	ppm	0.0104	0.0002	2.403	0.0106	0.0102
Mg2790	279.079 {1	Y_3710	ppm	0.0058	0.0688	1190	0.0545	-0.0429
Mn2576	257.610 {1	Y_3600	ppm	0.01	0	0.2296	0.01	0.0101
Mn2576-2	257.610 {1	Y_3710	ppm	0.0091	0.0007	7.388	0.0096	0.0086
Mo2020	202.030 {4	Y_2243	ppm	0.0122	0.0028	22.91	0.0102	0.0142
Na5895	589.592 { 5	Y_3710	ppm	0.7792	0.0261	3.356	0.7977	0.7607
Na8183	818.326 { 4	Y_3710	ppm	0.8809	0.0036	0.4087	0.8783	0.8834
Ni2316	231.604 {4	In2306	ppm	0.011	0.002	18.55	0.0095	0.0124
P_1782	178.284 {4	In2306	ppm	0.0093	0.0012	12.35	0.0085	0.0101
Pb2203	220.353 {4	In2306	ppm	0.0115	0.0024	21.09	0.0098	0.0132
S_1820	182.034 {4	Y_2243	ppm	-1.029	0.0484	4.708	-0.9944	-1.063
Sb2068	206.833 {4	Y_2243	ppm	0.0182	0.0018	9.976	0.0169	0.0194
Se1960	196.090 {4	Y_2243	ppm	0.0097	0.0009	9.1	0.009	0.0103
Si2516	251.611 {1	Y_3710	ppm	-0.0263	0.0149	56.85	-0.0157	-0.0369
Sn1899	189.989 {4	In2306	ppm	0.0117	0.0025	21.73	0.0099	0.0135
Sr4215	421.552 { 8	Y_3710	ppm	0.0047	0.0001	1.955	0.0047	0.0046
Ti3349	334.904 {1	Y_3600	ppm	0.0105	0.0005	5.146	0.0101	0.0109
Tl1908	190.856 {4	In2306	ppm	0.0165	0.0057	34.88	0.0124	0.0205
V_2924	292.402 {1	Y_3600	ppm	0.0104	0.001	10.02	0.0112	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0097	0.0018	18.58	0.0084	0.011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.631	0.35296	0.63446	55.88	55.381
In2306	230.606 {4	Cts/S	10113	6.134	0.06065	10118	10109
Y_2243	224.306 {4	Cts/S	12863	15.418	0.11987	12873	12852
Y_3600	360.073 { 9	Cts/S	45260	159.72	0.35288	45147	45373
Y_3710	371.030 { 9	Cts/S	8256	56.34	0.68242	8216.1	8295.8

[Sample Header]
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SampleName=CCB

Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 12:56:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0007	0.0009	120.9	0.0014	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0206	0.0006	2.93	-0.0201	-0.021
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0001	119.8	-0.0002	0
B_2496	249.678 {1	Y_3710	ppm	-0.0042	0.0085	203.8	-0.0101	0.0018
Ba4554	455.403 { 7	Y_3710	ppm	-0.0001	0	23.55	-0.0002	-0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0.0001	49.09	-0.0003	-0.0001
Ca3158	315.887 {1	In2306	ppm	-0.0232	0.0005	1.951	-0.0229	-0.0235
Ca3181	318.128 {1	In2306	ppm	0.0316	0.0095	29.95	0.0382	0.0249
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0002	151.3	0	0.0003
Co2286	228.616 {4	In2306	ppm	0.0006	0.0004	68.13	0.0003	0.0008
Cr2677	267.716 {1	Y_3600	ppm	-0.0005	0.0005	112.2	-0.0001	-0.0008
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0003	21.32	-0.0014	-0.0011
Fe2404	240.488 {1	In2306	ppm	-0.0393	0.0048	12.29	-0.0359	-0.0428
K_7664	766.490 { 4	Y_3710	ppm	0.0827	0.0016	1.986	0.0838	0.0815
K_7698	769.896 { 4	Y_3710	ppm	0.044	0.0045	10.34	0.0408	0.0472
Li6707	670.784 { 5	Y_3710	ppm	0.0001	0.0001	65.94	0.0002	0.0001
Mg2790	279.079 {1	Y_3710	ppm	-0.0177	0.0217	122.7	-0.0023	-0.0331
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0.0001	95.55	0.0002	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0002	0.0013	649.3	0.0007	-0.0011
Mo2020	202.030 {4	Y_2243	ppm	0.0006	0.0002	36.57	0.0005	0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.1134	0.0004	0.3172	0.1136	0.1131
Na8183	818.326 { 4	Y_3710	ppm	0.2031	0.0612	30.12	0.1598	0.2463
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0005	177.4	-0.0001	0.0006
P_1782	178.284 {4	In2306	ppm	-0.0002	0.0004	220.5	-0.0005	0.0001
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0015	302.7	-0.0006	0.0016
S_1820	182.034 {4	Y_2243	ppm	-1.616	0.0228	1.41	-1.632	-1.6
Sb2068	206.833 {4	Y_2243	ppm	0.0046	0.0005	10.5	0.0043	0.005
Se1960	196.090 {4	Y_2243	ppm	-0.0004	0.0007	181.1	0.0001	-0.0009
Si2516	251.611 {1	Y_3710	ppm	-0.0087	0.0083	95.57	-0.0145	-0.0028
Sn1899	189.989 {4	In2306	ppm	0.0005	0.0008	171.6	-0.0001	0.0011
Sr4215	421.552 { 8	Y_3710	ppm	0	0	5.811	0	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0.0003	68.25	-0.0007	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.002	0.0019	96.3	0.0006	0.0033
V_2924	292.402 {1	Y_3600	ppm	-0.0006	0.0002	32.99	-0.0004	-0.0007
Zn2062	206.200 {4	In2306	ppm	0.0001	0.0003	216.4	-0.0001	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	53.7	0.48462	0.90245	54.042	53.357
In2306	230.606 {4	Cts/S	10083	1.511	0.01499	10082	10084
Y_2243	224.306 {4	Cts/S	12847	2.511	0.01954	12846	12849
Y_3600	360.073 { 9	Cts/S	44629	91.329	0.20464	44693	44564
Y_3710	371.030 { 9	Cts/S	8063.6	24.952	0.30944	8046	8081.3

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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	-0.0004	0.0002	61.28	-0.0005	-0.0002
Al3082	308.215	{1	In2306	ppm	567	7.791	1.374	572.5	561.5
As1890	189.042	{4	Y_2243	ppm	0.002	0.0032	157	0.0043	-0.0002
B_2496	249.678	{1	Y_3710	ppm	-0.0066	0.017	257.8	-0.0186	0.0054
Ba4554	455.403	{ 7	Y_3710	ppm	0.0005	0.0002	42.56	0.0007	0.0004
Be3130	313.042	{1	Y_3710	ppm	-0.0003	0	4.157	-0.0003	-0.0003
Ca3158	315.887	{1	In2306	ppm	538.7	1.807	0.3354	540	537.5
Ca3181	318.128	{1	In2306	ppm	546.9	0.4474	0.0818	547.2	546.6
Cd2288	228.802	{4	Y_2243	ppm	-0.0001	0.0001	185.5	-0.0001	0
Co2286	228.616	{4	In2306	ppm	0.0006	0.0001	26.72	0.0005	0.0007
Cr2677	267.716	{1	Y_3600	ppm	0.0016	0.0003	21.17	0.0014	0.0019
Cu3247	324.754	{1	Y_3600	ppm	0.0017	0.0003	19.16	0.002	0.0015
Fe2404	240.488	{1	In2306	ppm	204	1.438	0.7049	205.1	203
K_7664	766.490	{ 4	Y_3710	ppm	-0.0002	0.0157	7573	0.0109	-0.0113
K_7698	769.896	{ 4	Y_3710	ppm	-0.3156	0.0043	1.37	-0.3125	-0.3186
Li6707	670.784	{ 5	Y_3710	ppm	0.0081	0.0004	4.543	0.0083	0.0078
Mg2790	279.079	{1	Y_3710	ppm	576.9	0.8761	0.1519	576.3	577.5
Mn2576	257.610	{1	Y_3600	ppm	-0.0053	0	0.1789	-0.0053	-0.0053
Mn2576-2	257.610	{1	Y_3710	ppm	-0.0055	0.0007	12.11	-0.006	-0.0051
Mo2020	202.030	{4	Y_2243	ppm	-0.0011	0.0001	12.91	-0.0012	-0.001
Na5895	589.592	{ 5	Y_3710	ppm	0.0807	0.0013	1.558	0.0816	0.0798
Na8183	818.326	{ 4	Y_3710	ppm	0.9824	0.0662	6.735	1.029	0.9357
Ni2316	231.604	{4	In2306	ppm	0.0063	0.0002	3.418	0.0065	0.0062
P_1782	178.284	{4	In2306	ppm	0.0051	0	0.6594	0.0051	0.0052
Pb2203	220.353	{4	In2306	ppm	-0.0217	0.0008	3.704	-0.0223	-0.0211
S_1820	182.034	{4	Y_2243	ppm	7.026	0.1051	1.496	6.951	7.1
Sb2068	206.833	{4	Y_2243	ppm	-0.0033	0.0057	169.9	-0.0073	0.0007
Se1960	196.090	{4	Y_2243	ppm	-0.0029	0.0005	15.78	-0.0033	-0.0026
Si2516	251.611	{1	Y_3710	ppm	0.0204	0.0468	230.2	0.0535	-0.0128
Sn1899	189.989	{4	In2306	ppm	0.0021	0.0001	4.729	0.0022	0.0021
Sr4215	421.552	{ 8	Y_3710	ppm	0.0023	0.0002	6.476	0.0024	0.0022
Ti3349	334.904	{1	Y_3600	ppm	0.003	0	0.0015	0.003	0.003
Tl1908	190.856	{4	In2306	ppm	-0.0014	0.0031	219.9	-0.0036	0.0008
V_2924	292.402	{1	Y_3600	ppm	-0.0053	0.0004	7.633	-0.0055	-0.005
Zn2062	206.200	{4	In2306	ppm	0.0029	0.0001	3.854	0.0028	0.003

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	50.767	0.49864	0.98222	50.414	51.119
In2306	230.606	{4	Cts/S	7123.8	4.7625	0.06685	7120.4	7127.1
Y_2243	224.306	{4	Cts/S	10907	10.256	0.09403	10900	10915
Y_3600	360.073	{ 9	Cts/S	45267	83.894	0.18533	45207	45326
Y_3710	371.030	{ 9	Cts/S	6982.9	32.536	0.46594	6959.9	7005.9

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 15:57:04
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.5532	0.0034	0.621	0.5508	0.5557
Al3082	308.215	{1	In2306	ppm	598.2	6.576	1.099	593.6	602.9
As1890	189.042	{4	Y_2243	ppm	0.9833	0.0043	0.4402	0.9802	0.9863
B_2496	249.678	{1	Y_3710	ppm	1.118	0.0098	0.8786	1.112	1.125
Ba4554	455.403	{ 7	Y_3710	ppm	1.107	0.0023	0.2093	1.109	1.106
Be3130	313.042	{1	Y_3710	ppm	0.5347	0.0027	0.4973	0.5365	0.5328
Ca3158	315.887	{1	In2306	ppm	555.2	7.134	1.285	550.2	560.2
Ca3181	318.128	{1	In2306	ppm	565.8	7.219	1.276	560.7	570.9
Cd2288	228.802	{4	Y_2243	ppm	0.5074	0.0016	0.3237	0.5063	0.5086
Co2286	228.616	{4	In2306	ppm	0.9902	0.0027	0.2713	0.9883	0.9921
Cr2677	267.716	{1	Y_3600	ppm	0.977	0.0033	0.336	0.9793	0.9747
Cu3247	324.754	{1	Y_3600	ppm	1.202	0.0023	0.1952	1.2	1.204
Fe2404	240.488	{1	In2306	ppm	216.4	2.512	1.161	214.7	218.2
K_7664	766.490	{ 4	Y_3710	ppm	11.97	0.0261	0.2178	11.96	11.99
K_7698	769.896	{ 4	Y_3710	ppm	12.15	0.0177	0.1454	12.13	12.16
Li6707	670.784	{ 5	Y_3710	ppm	1.178	0.0025	0.2143	1.176	1.18
Mg2790	279.079	{1	Y_3710	ppm	590.3	2.4	0.4066	592	588.6
Mn2576	257.610	{1	Y_3600	ppm	0.9655	0.0042	0.4326	0.9626	0.9685
Mn2576-2	257.610	{1	Y_3710	ppm	1.013	0.0006	0.0621	1.013	1.014
Mo2020	202.030	{4	Y_2243	ppm	0.8791	0.0008	0.0886	0.8786	0.8797
Na5895	589.592	{ 5	Y_3710	ppm	11.65	0.0265	0.2273	11.63	11.66
Na8183	818.326	{ 4	Y_3710	ppm	12.64	0.092	0.7275	12.58	12.71
Ni2316	231.604	{4	In2306	ppm	0.9601	0.0024	0.2512	0.9584	0.9618
P_1782	178.284	{4	In2306	ppm	1.138	0.0035	0.3085	1.136	1.141
Pb2203	220.353	{4	In2306	ppm	0.9176	0.0079	0.8625	0.912	0.9232
S_1820	182.034	{4	Y_2243	ppm	7.348	0.2606	3.546	7.164	7.533
Sb2068	206.833	{4	Y_2243	ppm	0.9465	0.0018	0.1923	0.9452	0.9478
Se1960	196.090	{4	Y_2243	ppm	0.9697	0.0091	0.9434	0.9633	0.9762
Si2516	251.611	{1	Y_3710	ppm	0.9618	0.0016	0.1677	0.9607	0.963
Sn1899	189.989	{4	In2306	ppm	0.9931	0.001	0.0977	0.9924	0.9938
Sr4215	421.552	{ 8	Y_3710	ppm	0.542	0.0007	0.1292	0.5425	0.5415
Ti3349	334.904	{1	Y_3600	ppm	1.03	0.0055	0.5309	1.033	1.026
Tl1908	190.856	{4	In2306	ppm	0.9104	0.0073	0.7998	0.9155	0.9052
V_2924	292.402	{1	Y_3600	ppm	1.013	0.0045	0.4408	1.016	1.009
Zn2062	206.200	{4	In2306	ppm	0.9971	0.0022	0.2196	0.9986	0.9955

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	49.347	0.70089	1.4203	49.843	48.852
In2306	230.606	{4	Cts/S	7067.2	39.699	0.56174	7095.3	7039.1
Y_2243	224.306	{4	Cts/S	10912	73.526	0.6738	10964	10860
Y_3600	360.073	{ 9	Cts/S	45357	79.614	0.17553	45414	45301
Y_3710	371.030	{ 9	Cts/S	6894.3	13.452	0.19512	6884.8	6903.8

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Custom ID2=
Custom ID3=
Run Time=1/25/2012 15:59:27
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0.2385	0.0041	1.72	0.2414	0.2356
Al3082	308.215	{1	In2306	ppm	2.633	0.0132	0.5023	2.624	2.642
As1890	189.042	{4	Y_2243	ppm	0.4807	0.0014	0.289	0.4817	0.4797
B_2496	249.678	{1	Y_3710	ppm	0.4693	0.0029	0.6136	0.4672	0.4713
Ba4554	455.403	{ 7	Y_3710	ppm	0.4906	0.0012	0.242	0.4914	0.4897
Be3130	313.042	{1	Y_3710	ppm	0.4926	0.0023	0.4626	0.4942	0.4909
Ca3158	315.887	{1	In2306	ppm	12.74	0.0016	0.0124	12.74	12.74
Ca3181	318.128	{1	In2306	ppm	12.95	0.0472	0.3643	12.91	12.98
Cd2288	228.802	{4	Y_2243	ppm	0.4824	0.0013	0.2632	0.4833	0.4815
Co2286	228.616	{4	In2306	ppm	0.49	0.0012	0.2411	0.4909	0.4892
Cr2677	267.716	{1	Y_3600	ppm	0.4841	0.0106	2.184	0.4916	0.4767
Cu3247	324.754	{1	Y_3600	ppm	0.4798	0.009	1.881	0.4862	0.4734
Fe2404	240.488	{1	In2306	ppm	2.471	0.0402	1.626	2.5	2.443
K_7664	766.490	{ 4	Y_3710	ppm	13.47	0.0021	0.0159	13.47	13.46
K_7698	769.896	{ 4	Y_3710	ppm	13.58	0.0701	0.5164	13.63	13.53
Li6707	670.784	{ 5	Y_3710	ppm	0.5375	0.0021	0.3863	0.539	0.536
Mg2790	279.079	{1	Y_3710	ppm	4.827	0.0432	0.8957	4.796	4.858
Mn2576	257.610	{1	Y_3600	ppm	0.4771	0.01	2.086	0.4841	0.4701
Mn2576-2	257.610	{1	Y_3710	ppm	0.4515	0.0026	0.5772	0.4534	0.4497
Mo2020	202.030	{4	Y_2243	ppm	0.4851	0.0005	0.105	0.4848	0.4855
Na5895	589.592	{ 5	Y_3710	ppm	13.31	0.0381	0.2859	13.34	13.28
Na8183	818.326	{ 4	Y_3710	ppm	12.79	0.1184	0.9263	12.7	12.87
Ni2316	231.604	{4	In2306	ppm	0.477	0.0021	0.4446	0.4785	0.4755
P_1782	178.284	{4	In2306	ppm	0.0009	0.003	325.5	-0.0012	0.003
Pb2203	220.353	{4	In2306	ppm	0.4794	0.0047	0.9741	0.4827	0.4761
S_1820	182.034	{4	Y_2243	ppm	-42.17	0.4057	0.9621	-42.46	-41.88
Sb2068	206.833	{4	Y_2243	ppm	0.4939	0.0019	0.3901	0.4925	0.4953
Se1960	196.090	{4	Y_2243	ppm	0.4853	0.0022	0.4508	0.4838	0.4869
Si2516	251.611	{1	Y_3710	ppm	0.8072	0.004	0.4954	0.8101	0.8044
Sn1899	189.989	{4	In2306	ppm	0.4995	0.0006	0.1222	0.5	0.4991
Sr4215	421.552	{ 8	Y_3710	ppm	0.2471	0.0001	0.0338	0.247	0.2471
Ti3349	334.904	{1	Y_3600	ppm	0.4983	0.0092	1.841	0.5048	0.4918
Tl1908	190.856	{4	In2306	ppm	0.4938	0.0071	1.432	0.4988	0.4888
V_2924	292.402	{1	Y_3600	ppm	0.4946	0.0127	2.564	0.5036	0.4857
Zn2062	206.200	{4	In2306	ppm	0.4805	0.0022	0.4648	0.4821	0.4789

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	55.264	0.10406	0.1883	55.191	55.338
In2306	230.606	{4	Cts/S	9423.6	39.464	0.41878	9451.5	9395.7
Y_2243	224.306	{4	Cts/S	12395	53.683	0.43309	12433	12357
Y_3600	360.073	{ 9	Cts/S	47502	587.45	1.2367	47086	47917

Y_3710	371.030 { 9	Cts/S	8100.8	30.908	0.38155	8078.9	8122.6

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	24.17	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0418	0.0529	126.6	0.0044	0.0791
As1890	189.042 {4	Y_2243	ppm	0.0057	0.0088	154.7	-0.0005	0.0119
B_2496	249.678 {1	Y_3710	ppm	0.0042	0.0008	17.84	0.0047	0.0037
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	95.37	0.0004	0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0	47.83	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.022	0.0036	16.14	0.0195	0.0245
Ca3181	318.128 {1	In2306	ppm	0.0812	0.0337	41.5	0.105	0.0574
Cd2288	228.802 {4	Y_2243	ppm	0.0075	0.0102	136.3	0.0003	0.0148
Co2286	228.616 {4	In2306	ppm	0.0083	0.0112	135.6	0.0003	0.0162
Cr2677	267.716 {1	Y_3600	ppm	0	0.0002	522.8	0.0001	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0013	0.0001	10.5	-0.0012	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.0199	0.0215	107.9	-0.0047	-0.0351
K_7664	766.490 { 4	Y_3710	ppm	0.0125	0.0047	37.26	0.0158	0.0092
K_7698	769.896 { 4	Y_3710	ppm	0.0015	0.0184	1251	0.0145	-0.0115
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0003	124.9	0.0004	0
Mg2790	279.079 {1	Y_3710	ppm	0.0345	0.0617	178.9	0.0781	-0.0091
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	26.5	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0005	0.0007	143.1	-0.0009	0
Mo2020	202.030 {4	Y_2243	ppm	0.0112	0.0132	117.2	0.0019	0.0205
Na5895	589.592 { 5	Y_3710	ppm	0.0545	0.0024	4.485	0.0528	0.0563
Na8183	818.326 { 4	Y_3710	ppm	0.1654	0.0551	33.3	0.1265	0.2044
Ni2316	231.604 {4	In2306	ppm	0.0083	0.0108	130.6	0.0006	0.0159
P_1782	178.284 {4	In2306	ppm	0.0003	0.0012	414.1	-0.0005	0.0011
Pb2203	220.353 {4	In2306	ppm	0.0072	0.0107	149.3	-0.0004	0.0147
S_1820	182.034 {4	Y_2243	ppm	-1.123	0.6281	55.95	-0.6786	-1.567
Sb2068	206.833 {4	Y_2243	ppm	0.0185	0.0115	61.9	0.0104	0.0266
Se1960	196.090 {4	Y_2243	ppm	0.0056	0.0077	138.8	0.0001	0.011
Si2516	251.611 {1	Y_3710	ppm	-0.0019	0.001	53.27	-0.0026	-0.0012
Sn1899	189.989 {4	In2306	ppm	0.0101	0.0126	125.4	0.0011	0.019
Sr4215	421.552 { 8	Y_3710	ppm	0	0	80.23	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0007	108	0.0011	0.0001
Tl1908	190.856 {4	In2306	ppm	0.0122	0.016	131.6	0.0008	0.0235
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0011	195.3	-0.0013	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0073	0.0099	135.5	0.0003	0.0143

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	55.672	0.28854	0.51829	55.468	55.876
In2306	230.606 {4	Cts/S	10021	151.2	1.5087	10128	9914.5
Y_2243	224.306 {4	Cts/S	12647	117.25	0.92713	12730	12564

Y_3600	360.073 { 9	Cts/S	45399	59.197	0.13039	45441	45357
Y_3710	371.030 { 9	Cts/S	8031.4	13.607	0.16943	8021.8	8041.1

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 16:04:34
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0008	1094	0.0007	-0.0005
Al3082	308.215 {1	In2306	ppm	0.0836	0.0262	31.39	0.1022	0.0651
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0004	58.4	0.0004	0.001
B_2496	249.678 {1	Y_3710	ppm	0.0025	0.003	116.9	0.0047	0.0004
Ba4554	455.403 { 7	Y_3710	ppm	0	0.0002	625.6	0.0002	-0.0001
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	429.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.0932	0.0091	9.76	0.0996	0.0867
Ca3181	318.128 {1	In2306	ppm	0.1755	0.0619	35.26	0.2192	0.1317
Cd2288	228.802 {4	Y_2243	ppm	-0.0002	0.0003	111.2	-0.0004	0
Co2286	228.616 {4	In2306	ppm	0.0004	0	10.9	0.0003	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0	0.0002	2426	0.0001	-0.0002
Cu3247	324.754 {1	Y_3600	ppm	-0.0015	0.0001	4.419	-0.0014	-0.0015
Fe2404	240.488 {1	In2306	ppm	0.034	0.0253	74.55	0.0161	0.0519
K_7664	766.490 { 4	Y_3710	ppm	0.003	0.0071	239.5	0.008	-0.0021
K_7698	769.896 { 4	Y_3710	ppm	-0.4908	0.0077	1.563	-0.4962	-0.4854
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	39.56	0.0007	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.1055	0.062	58.82	0.1493	0.0616
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	22.03	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0003	0.0016	528.3	0.0014	-0.0008
Mo2020	202.030 {4	Y_2243	ppm	0	0.0001	280.9	-0.0001	0
Na5895	589.592 { 5	Y_3710	ppm	0.0435	0.0032	7.412	0.0457	0.0412
Na8183	818.326 { 4	Y_3710	ppm	0.1656	0.1174	70.87	0.2486	0.0826
Ni2316	231.604 {4	In2306	ppm	0	0.0001	161.2	-0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.0009	0.0002	23.24	-0.001	-0.0007
Pb2203	220.353 {4	In2306	ppm	0.0008	0	0.1649	0.0008	0.0008
S_1820	182.034 {4	Y_2243	ppm	0.0096	0.0136	142.2	0.0192	-0.0001
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0002	61.87	0.0005	0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0007	0.0004	58.4	-0.0009	-0.0004
Si2516	251.611 {1	Y_3710	ppm	-0.0122	0.0196	160.7	0.0017	-0.0261
Sn1899	189.989 {4	In2306	ppm	-0.001	0.0002	23.4	-0.0011	-0.0008
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	16.94	-0.0002	-0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0005	162.8	0	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0026	0.0004	13.73	0.0028	0.0023
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0003	205.9	-0.0001	0.0003
Zn2062	206.200 {4	In2306	ppm	-0.0012	0.0001	6.958	-0.0013	-0.0011

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	60.883	1.2664	2.0801	61.778	59.987
In2306	230.606 {4	Cts/S	10465	10.761	0.10283	10457	10472

Y_2243	224.306 {4	Cts/S	12906	25.875	0.20048	12888	12924
Y_3600	360.073 { 9	Cts/S	47985	61.728	0.12864	48028	47941
Y_3710	371.030 { 9	Cts/S	8744.5	89.086	1.0188	8807.5	8681.5

[Sample Header]
Method=ICP6500Metals_TRY3(v646)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=1/25/2012 16:07:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	37.2	0.0002	0.0003
Al3082	308.215 {1	In2306	ppm	-0.0265	0.0118	44.58	-0.0182	-0.0349
As1890	189.042 {4	Y_2243	ppm	-0.0008	0.0001	13.12	-0.0009	-0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0013	0.0007	49.38	0.0018	0.0009
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	67.4	0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	-0.0003	0.0001	18.85	-0.0002	-0.0003
Ca3158	315.887 {1	In2306	ppm	-0.0099	0.0301	305.1	-0.0311	0.0114
Ca3181	318.128 {1	In2306	ppm	0.0509	0.0833	163.6	-0.008	0.1098
Cd2288	228.802 {4	Y_2243	ppm	-0.0003	0	4.442	-0.0003	-0.0003
Co2286	228.616 {4	In2306	ppm	0.0002	0.0001	52.44	0.0001	0.0003
Cr2677	267.716 {1	Y_3600	ppm	-0.0004	0	1.185	-0.0004	-0.0004
Cu3247	324.754 {1	Y_3600	ppm	-0.0011	0.0004	41.01	-0.0008	-0.0014
Fe2404	240.488 {1	In2306	ppm	-0.026	0.0352	135.4	-0.0011	-0.0509
K_7664	766.490 { 4	Y_3710	ppm	0.0021	0.0079	383.9	0.0076	-0.0035
K_7698	769.896 { 4	Y_3710	ppm	-0.5252	0.0064	1.212	-0.5297	-0.5207
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0	0.9366	0.0002	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0495	0.0487	98.42	0.0839	0.015
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	483.3	0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0015	1451	0.0009	-0.0011
Mo2020	202.030 {4	Y_2243	ppm	-0.0002	0.0001	53.85	-0.0001	-0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0364	0.0004	1.177	0.0361	0.0367
Na8183	818.326 { 4	Y_3710	ppm	0.0413	0.0015	3.676	0.0424	0.0403
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0001	118	0.0001	0
P_1782	178.284 {4	In2306	ppm	-0.0007	0.0001	17.69	-0.0007	-0.0006
Pb2203	220.353 {4	In2306	ppm	-0.0002	0.0002	132.5	-0.0003	0
S_1820	182.034 {4	Y_2243	ppm	0.0467	0.0476	101.8	0.0131	0.0804
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.0008	106.8	-0.0014	-0.0002
Se1960	196.090 {4	Y_2243	ppm	-0.0012	0.0017	138.1	-0.0024	0
Si2516	251.611 {1	Y_3710	ppm	-0.0368	0.0286	77.8	-0.0165	-0.057
Sn1899	189.989 {4	In2306	ppm	-0.0011	0.0002	20.05	-0.0009	-0.0012
Sr4215	421.552 { 8	Y_3710	ppm	-0.0003	0.0002	73.52	-0.0001	-0.0004
Ti3349	334.904 {1	Y_3600	ppm	-0.0001	0.0003	201.9	0.0001	-0.0003
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0009	52.85	0.001	0.0022
V_2924	292.402 {1	Y_3600	ppm	0	0	63.53	-0.0001	0
Zn2062	206.200 {4	In2306	ppm	-0.0013	0.0001	11.39	-0.0014	-0.0012

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	58.715	0.31635	0.53878	58.939	58.492

In2306	230.606 {4	Cts/S	10312	3.8309	0.03715	10309	10315
Y_2243	224.306 {4	Cts/S	12737	24.842	0.19504	12719	12754
Y_3600	360.073 { 9	Cts/S	46933	259.53	0.55297	47117	46750
Y_3710	371.030 { 9	Cts/S	8447	77.826	0.92134	8502.1	8392

Method: 20076010 01/25/12 01:36:47 PM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : B012512	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/25/12 01:45:44 PM page 1

Method: 20076010 Standard: S0
Run Time: 01/25/12 13:42:21

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01374	.00221	-.00043	.00100	-.04607	.00818	.00121
SDev	.00018	.00011	.00202	.00050	.00027	.00191	.00181
%RSD	1.3031	4.9094	467.92	50.204	.58226	23.386	149.78
#1	.01361	.00229	-.00186	.00064	-.04588	.00682	-.00007
#2	.01387	.00213	.00100	.00135	-.04626	.00953	.00249

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00547	.00037	-.00073	.00246	-.00244	.04029	.02030
SDev	.00001	.00053	.00008	.00024	.00104	.00012	.00010
%RSD	.11287	141.42	10.694	9.9019	42.640	.28525	.47196
#1	.00547	.00000	-.00079	.00229	-.00318	.04037	.02037
#2	.00548	.00075	-.00068	.00263	-.00171	.04021	.02023

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00009	.00004	-.00214	.28105	.03550	-.00061	-.00280
SDev	.00003	.00030	.00031	.00100	.00038	.00035	.00094
%RSD	27.950	860.88	14.486	.35676	1.0721	58.521	33.657
#1	.00007	-.00018	-.00236	.28176	.03523	-.00086	-.00347
#2	.00011	.00025	-.00192	.28035	.03577	-.00036	-.00213

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.13115	.00461	-.00184	-.00103	-.00212	.00007	-.00009
SDev	.00093	.00142	.00007	.00046	.00079	.00010	.00018
%RSD	.71292	30.792	3.7715	44.203	37.165	141.42	197.66
#1	.13181	.00361	-.00179	-.00136	-.00268	.00000	-.00021
#2	.13048	.00562	-.00188	-.00071	-.00156	.00014	.00004

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00175	.00242	-.00802	.00445

SDev	.00222	.00004	.00053	.00019
%RSD	127.06	1.7320	6.6325	4.1780
#1	.00332	.00239	-.00840	.00432
#2	.00018	.00245	-.00764	.00459

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28057	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.3477946	--	--	--	--	--	--
#1	27988	--	--	--	--	--	--
#2	28126	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/25/12 13:45:58

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.0603	1.1115	1.1390	17.073	18.581	7.1156	11.683
SDev	.0037	.0011	.0022	.036	.063	.0100	.051
%RSD	.35185	.10224	.19627	.20983	.34169	.14039	.43845
#1	1.0629	1.1107	1.1374	17.098	18.536	7.1085	11.647
#2	1.0576	1.1123	1.1406	17.047	18.626	7.1226	11.720

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.5173	2.0335	1.2045	1.5722	4.5953	25.041	1.0634
SDev	.0090	.0066	.0039	.0039	.0088	.077	.0031
%RSD	.35728	.32538	.32325	.24635	.19239	.30628	.29455
#1	2.5109	2.0288	1.2017	1.5749	4.5890	25.095	1.0612
#2	2.5236	2.0382	1.2072	1.5694	4.6015	24.987	1.0656

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.8383	1.7874	5.8281	3.3878	.91444	.84128	.15407
SDev	.0048	.0071	.0012	.0146	.00325	.00006	.00046
%RSD	.26144	.39451	.02022	.43200	.35565	.00673	.30006
#1	1.8349	1.7824	5.8290	3.3981	.91674	.84132	.15440
#2	1.8417	1.7924	5.8273	3.3774	.91214	.84124	.15374

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	20.360	52.584	.35292	2.4721	12.532	.56884	3.2301
SDev	.101	.101	.00263	.0006	.008	.00081	.0097
%RSD	.49507	.19230	.74520	.02304	.06162	.14250	.29966
#1	20.431	52.656	.35106	2.4717	12.526	.56827	3.2232
#2	20.289	52.513	.35478	2.4725	12.537	.56942	3.2369

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.5115	7.5099	1.1370	1.0957
SDev	.0127	.0346	.0032	.0024
%RSD	.36105	.46102	.27902	.21488
#1	3.5025	7.4854	1.1392	1.0941
#2	3.5205	7.5344	1.1347	1.0974

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27740	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.1962734	--	--	--	--	--	--
#1	27779	--	--	--	--	--	--
#2	27702	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	19.1105	-.262570	01/25/12 01:45:58
Sb2068	206.838	STD	S0	1.80896	-.003998	01/25/12 01:45:58
As1890	189.042	STD	S0	1.73831	.000750	01/25/12 01:45:58
Ba4934	493.409	STD	S0	.117153	-.000117	01/25/12 01:45:58
Be3130	313.042	STD	S0	.053720	.002475	01/25/12 01:45:58
B_2496	249.678	STD	S0	.281397	-.002301	01/25/12 01:45:58
Cd2265	226.502	STD	S0	.085770	-.000104	01/25/12 01:45:58
Ca3179	317.933	STD	S0	7.96237	-.043562	01/25/12 01:45:58
Cr2677	267.716	STD	S0	.983718	-.000367	01/25/12 01:45:58
Co2286	228.616	STD	S0	1.65950	.001213	01/25/12 01:45:58
Cu3247	324.753	STD	S0	1.27346	-.003131	01/25/12 01:45:58
Fe2714	271.441	STD	S0	4.16987	.010188	01/25/12 01:45:58
Li6707	670.784	STD	S0	.079998	-.003223	01/25/12 01:45:58
Pb2203	220.353		NONE	.000000	.000000	*01/25/12 01:45:58
Se1960	196.026		NONE	.000000	.000000	*01/25/12 01:45:58
Mg2790	279.078	STD	S0	19.1734	-.389183	01/25/12 01:45:58
Mn2576	257.610	STD	S0	1.08819	-.000097	01/25/12 01:45:58
Mo2020	202.030	STD	S0	1.11898	-.000039	01/25/12 01:45:58
Ni2316	231.604	STD	S0	.343037	.000734	01/25/12 01:45:58
K_7664	766.491	STD	S0	6.43769	-1.80934	01/25/12 01:45:58
Si2881	288.158	STD	S0	2.25453	-.080032	01/25/12 01:45:58
Ag3280	328.068	STD	S0	1.18814	.000721	01/25/12 01:45:58
Na3302	330.232	STD	S0	127.494	.356922	01/25/12 01:45:58
Na5889	588.995	STD	S0	.988694	-.129663	01/25/12 01:45:58
Sr4215	421.552	STD	S0	.019028	-.000088	01/25/12 01:45:58
Tl1908	190.864	STD	S0	5.65591	.010381	01/25/12 01:45:58
Sn1899	189.989	STD	S0	.808705	.000837	01/25/12 01:45:58
Ti3349	334.941	STD	S0	.159566	.000339	01/25/12 01:45:58
V_2924	292.402	STD	S0	3.48265	-.000248	01/25/12 01:45:58
Zn2138	213.856	STD	S0	.619924	.000055	01/25/12 01:45:58
2203/1	220.351	STD	S0	.573166	-.001003	01/25/12 01:45:58
2203/2	220.352	STD	S0	.265403	-.000643	01/25/12 01:45:58
1960/1	196.021	STD	S0	1.74894	.014027	01/25/12 01:45:58
1960/2	196.022	STD	S0	1.82891	-.008148	01/25/12 01:45:58

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/25/12 01:49:21 PM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/25/12 01:49:21 PM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/25/12 01:54:18 PM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/25/12 13:50:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.942	2.0083	2.0008	2.0060	1.0019	2.0028	1.0013

SDev	.072	.0098	.0039	.0056	.0030	.0071	.0037
%RSD	.36355	.48761	.19445	.27703	.29786	.35390	.36952
#1	19.891	2.0014	1.9981	2.0020	.99978	1.9978	.99864
#2	19.993	2.0153	2.0036	2.0099	1.0040	2.0078	1.0039

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.986	1.9998	1.9985	1.9945	20.016	2.0001	2.0002
SDev	.063	.0073	.0066	.0055	.049	.0062	.0056
%RSD	.31504	.36662	.32791	.27347	.24411	.31005	.28064
#1	19.941	1.9947	1.9939	1.9907	19.982	1.9957	1.9962
#2	20.031	2.0050	2.0032	1.9984	20.051	2.0044	2.0042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9994	19.981	1.9993	2.0077	2.0000	19.975	1.9903
SDev	.0054	.057	.0058	.0105	.0166	.073	.0074
%RSD	.26968	.28757	.28956	.52335	.83041	.36600	.37179
#1	1.9956	19.940	1.9952	2.0002	1.9882	19.924	1.9851
#2	2.0032	20.021	2.0034	2.0151	2.0117	20.027	1.9956

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99911	19.964	19.952	1.0014	2.0080	1.9971	2.0038
SDev	.00312	.087	.068	.0033	.0192	.0124	.0066
%RSD	.31228	.43643	.33868	.33321	.95867	.61981	.32861
#1	.99690	20.026	19.904	.99903	1.9944	1.9883	1.9991
#2	1.0013	19.903	19.999	1.0037	2.0216	2.0058	2.0084

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9992	2.0020	1.9943	2.0031	2.0015	1.9984
SDev	.0055	.0077	.0011	.0079	.0029	.0095
%RSD	.27560	.38554	.05278	.39407	.14575	.47771
#1	1.9953	1.9965	1.9935	1.9976	2.0035	1.9916
#2	2.0031	2.0074	1.9950	2.0087	1.9994	2.0051

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27706	--	--	--	--	--	--
SDev	106.7731	--	--	--	--	--	--
%RSD	.3853721	--	--	--	--	--	--

#1	27782	--	--	--	--	--	--
#2	27631	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 13:54:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4931	.50165	.50389	.50033	.51370	.50499	.51074
SDev	.0033	.00268	.00326	.00065	.00122	.00051	.00080
%RSD	.13046	.53413	.64675	.12997	.23813	.10096	.15573
#1	2.4908	.50354	.50159	.50079	.51456	.50535	.51130
#2	2.4954	.49976	.50620	.49987	.51283	.50462	.51018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.755	.50594	.50899	.50432	2.6005	.46587	.50776
SDev	.019	.00070	.00005	.00053	.0099	.00017	.00022
%RSD	.14574	.13855	.00977	.10466	.38182	.03668	.04440
#1	12.768	.50643	.50902	.50470	2.5935	.46599	.50760
#2	12.742	.50544	.50895	.50395	2.6076	.46575	.50792

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51421	5.0807	.50097	.51634	.50950	12.026	.96005
SDev	.00308	.0080	.00075	.00427	.00017	.005	.00224
%RSD	.59826	.15799	.14943	.82756	.03369	.04213	.23356
#1	.51203	5.0864	.50150	.51937	.50963	12.029	.96163
#2	.51638	5.0750	.50044	.51332	.50938	12.022	.95846

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25206	12.659	11.881	.24942	.51260	.52009	.51027
SDev	.00015	.148	.016	.00029	.00333	.00039	.00123
%RSD	.05983	1.1656	.13486	.11571	.64928	.07538	.24184
#1	.25195	12.554	11.870	.24962	.51495	.51981	.51114
#2	.25217	12.763	11.893	.24921	.51025	.52037	.50940

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50968	.51713	.50687	.50821	.51468	.51403
SDev	.00129	.00104	.00291	.00111	.00567	.00178
%RSD	.25381	.20043	.57309	.21925	1.1023	.34581
#1	.51060	.51787	.50482	.50900	.51067	.51277
#2	.50877	.51640	.50893	.50742	.51869	.51528

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/25/12 01:58:10 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28004	--	--	--	--	--	--
SDev	13.43503	--	--	--	--	--	--
%RSD	.0479762	--	--	--	--	--	--
#1	28013	--	--	--	--	--	--
#2	27994	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/25/12 13:58:14

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00354	.00167	-.00146	.00028	.00016	.00282	.00036
SDev	.00167	.00021	.00076	.00004	.00003	.00082	.00024
%RSD	47.121	12.818	51.792	15.545	16.188	29.299	67.432
#1	.00472	.00152	-.00199	.00025	.00014	.00340	.00019
#2	.00236	.00183	-.00092	.00031	.00017	.00223	.00053

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01301	.00004	.00077	-.00012	.03054	.00034	.00114
SDev	.00086	.00022	.00063	.00014	.01485	.00001	.00037
%RSD	6.5990	596.06	82.366	112.59	48.625	3.1497	32.111
#1	.01241	-.00012	.00032	-.00002	.02004	.00034	.00088
#2	.01362	.00020	.00121	-.00022	.04103	.00035	.00140

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.00992	.00049	.00327	.00066	.04702	-.00082
SDev	.00037	.00251	.00000	.00106	.00094	.01418	.00008
%RSD	31.996	25.263	.30594	32.347	142.36	30.146	9.5973
#1	.00144	.01169	.00049	.00401	-.00000	.05704	-.00088
#2	.00091	.00815	.00049	.00252	.00132	.03700	-.00077

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	.20167	.00652	.00012	.00471	.00397	.00021
SDev	.00015	.06495	.00046	.00000	.00256	.00210	.00001
%RSD	18.155	32.207	7.0294	3.1583	54.401	52.837	5.9288
#1	.00072	.15574	.00685	.00012	.00653	.00249	.00020
#2	.00093	.24759	.00620	.00012	.00290	.00546	.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00016	.00381	-.00020	.00040	.00155
SDev	.00010	.00006	.00292	.00091	.00522	.00317
%RSD	103.84	37.320	76.571	463.82	1293.9	203.96
#1	.00017	.00012	.00175	.00045	-.00328	.00379

#2	.00003	.00021	.00587	-.00084	.00409	-.00069

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27936	--	--	--	--	--	--
SDev	73.53911	--	--	--	--	--	--
%RSD	.2632413	--	--	--	--	--	--
#1	27884	--	--	--	--	--	--
#2	27988	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/25/12 14:02:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09840	.01096	.01203	.01045	.00513	.01105	.00544
SDev	.00081	.00180	.00182	.00004	.00000	.00047	.00020
%RSD	.82650	16.446	15.126	.36272	.08398	4.2998	3.6054
#1	.09782	.00968	.01075	.01048	.00513	.01138	.00530
#2	.09897	.01223	.01332	.01043	.00513	.01071	.00558

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09341	.00999	.01003	.00992	.09384	.00909	.01162
SDev	.00055	.00023	.00046	.00036	.01441	.00001	.00035
%RSD	.58789	2.3190	4.6267	3.6743	15.353	.07284	3.0408
#1	.09302	.01016	.00970	.01017	.08365	.00909	.01137
#2	.09380	.00983	.01035	.00966	.10402	.00910	.01187

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01100	.11478	.01057	.01083	.01103	.62087	.00866
SDev	.00049	.00023	.00003	.00034	.00024	.00195	.00131
%RSD	4.5019	.20261	.31039	3.1313	2.1891	.31351	15.176
#1	.01135	.11494	.01060	.01059	.01086	.62224	.00959
#2	.01065	.11461	.01055	.01107	.01120	.61949	.00773

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00483	.50482	.54342	.00499	.00717	.01122	.01045
SDev	.00046	.07184	.00020	.00001	.00015	.00071	.00001
%RSD	9.4147	14.230	.03613	.12541	2.0200	6.3275	.11191
#1	.00451	.45402	.54328	.00500	.00727	.01172	.01044
#2	.00515	.55561	.54356	.00499	.00707	.01071	.01046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01002	.01044	.01418	.01034	.00980	.01160

SDev	.00009	.00007	.00353	.00124	.00462	.00305
%RSD	.90537	.69861	24.910	11.955	47.162	26.321
#1	.01008	.01039	.01168	.01121	.00653	.01376
#2	.00996	.01049	.01668	.00947	.01306	.00944

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27583	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.0461441	--	--	--	--	--	--
#1	27574	--	--	--	--	--	--

#2	27592	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/25/12 14:05:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	499.85	-.00335	.00055	.00158	-.00030	-.00316	.00654
SDev	.04	.00128	.00176	.00004	.00001	.00045	.00018
%RSD	.00736	38.304	319.26	2.2826	4.2270	14.326	2.8346
#1	499.82	-.00425	.00180	.00156	-.00031	-.00348	.00667
#2	499.87	-.00244	-.00069	.00161	-.00029	-.00284	.00641

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	459.89	.00118	.00012	.01269	192.63	.00471	.01231
SDev	1.63	.00047	.00080	.00014	.73	.00005	.00033
%RSD	.35402	39.860	662.23	1.1037	.37973	1.0300	2.6887
#1	461.04	.00085	.00068	.01259	193.15	.00475	.01254
#2	458.74	.00152	-.00044	.01279	192.11	.00468	.01207

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01036	509.96	-.00818	-.00035	.00109	.16020	.01107
SDev	.00225	1.44	.00003	.00290	.00050	.00754	.00018
%RSD	21.763	.28220	.33152	826.02	46.193	4.7089	1.6476
#1	-.00876	510.97	-.00820	.00170	.00145	.16554	.01094
#2	-.01195	508.94	-.00816	-.00241	.00073	.15487	.01120

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	.12800	.16398	-.00919	.00313	.00190	-.00259
SDev	.00040	.19423	.00105	.00007	.00269	.00643	.00008
%RSD	66.193	151.74	.63771	.70871	86.013	338.34	3.1446
#1	-.00032	.26534	.16472	-.00923	.00504	.00645	-.00265
#2	-.00089	-.00934	.16324	-.00914	.00123	-.00265	-.00253

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00461	.00198	-.07248	.05470	-.00623	-.01242
SDev	.00003	.00002	.00885	.00393	.01515	.00419
%RSD	.61825	.90136	12.204	7.1781	243.06	33.758
#1	.00463	.00197	-.06623	.05193	.00448	-.01539
#2	.00459	.00199	-.07874	.05748	-.01695	-.00946

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25060	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0141080	--	--	--	--	--	--

#1	25058	--	--	--	--	--	--
#2	25063	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/25/12 14:09:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	503.77	1.0192	1.0188	1.0151	.47897	1.0266	.47501
SDev	1.66	.0009	.0008	.0022	.00241	.0033	.00305
%RSD	.32911	.09267	.07691	.22099	.50237	.32246	.64237
#1	504.94	1.0199	1.0194	1.0167	.48067	1.0289	.47717
#2	502.60	1.0185	1.0183	1.0135	.47727	1.0242	.47285

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	456.06	.94719	.91680	1.0582	197.15	1.2176	.96520
SDev	2.37	.00409	.00351	.0029	.96	.0036	.00466
%RSD	.51987	.43211	.38333	.27567	.48768	.29367	.48271
#1	457.74	.95009	.91929	1.0603	197.83	1.2201	.96850
#2	454.39	.94430	.91432	1.0562	196.47	1.2151	.96191

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98512	507.84	.94211	.98210	.92233	14.307	.95911
SDev	.00198	2.21	.00432	.00089	.00962	.050	.00323
%RSD	.20154	.43594	.45863	.09081	1.0425	.35008	.33628
#1	.98653	509.40	.94517	.98147	.92913	14.343	.96139
#2	.98372	506.27	.93906	.98273	.91553	14.272	.95683

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53127	12.193	13.516	.49249	.97881	.99094	.97805
SDev	.00148	.075	.038	.00142	.00078	.00315	.00322

%RSD	.27899	.61301	.28096	.28888	.07960	.31799	.32916
#1	.53232	12.246	13.543	.49349	.97826	.99316	.98032
#2	.53023	12.141	13.489	.49148	.97936	.98871	.97577

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97209	1.0002	.87328	1.0112	.99697	.97920
SDev	.00364	.0038	.00613	.0039	.01751	.00578
%RSD	.37393	.38140	.70138	.38829	1.7565	.59005
#1	.97467	1.0029	.87761	1.0139	1.0094	.97512
#2	.96952	.99754	.86895	1.0084	.98458	.98329

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24974	--	--	--	--	--	--

SDev	58.68986	--	--	--	--	--	--
%RSD	.2350086	--	--	--	--	--	--
#1	24932	--	--	--	--	--	--
#2	25015	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 14:13:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5648	.50122	.50444	.50077	.51062	.50252	.51250
SDev	.0390	.00049	.00127	.00255	.00065	.00028	.00002
%RSD	1.5224	.09799	.25253	.51021	.12734	.05552	.00478
#1	2.5371	.50087	.50534	.49897	.51016	.50272	.51251
#2	2.5924	.50157	.50354	.50258	.51108	.50232	.51248

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.831	.50472	.50747	.50199	2.6201	.46657	.50812
SDev	.048	.00028	.00047	.00288	.0208	.00206	.00401
%RSD	.37234	.05625	.09333	.57443	.79320	.44094	.78974
#1	12.797	.50452	.50713	.49996	2.6054	.46511	.50528
#2	12.864	.50492	.50780	.50403	2.6348	.46802	.51095

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51127	5.1520	.50001	.51406	.51647	12.031	.95518
SDev	.00035	.0416	.00088	.00447	.00121	.047	.00320
%RSD	.06934	.80665	.17677	.86903	.23437	.39126	.33529
#1	.51102	5.1226	.49938	.51090	.51562	11.997	.95292
#2	.51152	5.1814	.50063	.51722	.51733	12.064	.95745

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25166	12.582	11.862	.25027	.51400	.52068	.50909
SDev	.00043	.036	.062	.00113	.00225	.00129	.00146
%RSD	.17178	.28247	.52246	.45191	.43708	.24695	.28772
#1	.25135	12.607	11.818	.24947	.51241	.52159	.50805
#2	.25196	12.557	11.905	.25107	.51559	.51977	.51013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50820	.51681	.50817	.50809	.51260	.51066
SDev	.00120	.00001	.00075	.00564	.00200	.00153
%RSD	.23693	.00188	.14825	1.1105	.39092	.30036
#1	.50735	.51681	.50763	.50410	.51402	.50958
#2	.50906	.51680	.50870	.51208	.51119	.51175

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	27798	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1602580	--	--	--	--	--	--
#1	27829	--	--	--	--	--	--
#2	27766	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 14:17:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01230	.00145	.00041	.00024	.00019	.00166	.00027
SDev	.00174	.00006	.00276	.00004	.00000	.00080	.00018
%RSD	14.119	3.8697	667.92	15.241	.56099	48.372	65.105
#1	.01107	.00149	.00237	.00026	.00019	.00223	.00040
#2	.01353	.00141	-.00154	.00021	.00019	.00109	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03264	-.00002	.00038	-.00018	.01548	.00025	.00004
SDev	.00282	.00020	.00025	.00026	.01729	.00000	.00036
%RSD	8.6518	1219.2	64.681	147.58	111.75	.96517	875.59
#1	.03065	.00012	.00056	.00001	.02771	.00026	-.00021
#2	.03464	-.00016	.00021	-.00037	.00325	.00025	.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00241	.01782	.00029	.00273	.00066	.03328	-.00384
SDev	.00003	.00148	.00006	.00077	.00054	.01311	.00121
%RSD	1.2819	8.2976	19.187	28.104	81.068	39.384	31.497

#1	.00239	.01886	.00033	.00328	.00104	.04254	-.00299
#2	.00243	.01677	.00025	.00219	.00028	.02401	-.00470

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.13889	.01494	.00015	.00444	-.00052	.00027
SDev	.00018	.09587	.00015	.00000	.00355	.00082	.00000
%RSD	52.612	69.027	1.0320	1.4668	79.983	157.63	.06173
#1	.00047	.20669	.01505	.00015	.00695	-.00110	.00027
#2	.00021	.07110	.01483	.00015	.00193	.00006	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00019	.00240	-.00114	.00265	.00229
SDev	.00036	.00000	.00054	.00027	.00372	.00191
%RSD	237.37	.94333	22.545	23.603	140.15	83.406
#1	.00041	.00018	.00202	-.00133	.00528	.00094
#2	-.00010	.00019	.00278	-.00095	.00002	.00363

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28054	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.2444948	--	--	--	--	--	--
#1	28005	--	--	--	--	--	--
#2	28102	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70278/1-a Operator: SRP
Run Time: 01/25/12 14:21:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01061	.00101	-.00062	.00010	-.00002	.00073	-.00001
SDev	.01222	.00294	.00159	.00005	.00007	.00043	.00010
%RSD	115.21	290.16	254.83	52.839	353.53	58.314	707.06
#1	.00197	.00310	.00050	.00006	-.00007	.00104	-.00009
#2	.01924	-.00107	-.00175	.00013	.00003	.00043	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00090	.00006	.00008	.00030	.01814	-.00001	.00083
SDev	.01337	.00010	.00017	.00007	.00280	.00007	.00105
%RSD	1491.5	174.58	213.55	21.617	15.435	741.93	126.51
#1	-.01035	.00013	-.00004	.00026	.01616	-.00006	.00009
#2	.00856	-.00001	.00020	.00035	.02012	.00004	.00157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00383	.00035	.00085	.00033	-.02178	-.00119
SDev	.00116	.01278	.00008	.00028	.00013	.00200	.00118
%RSD	223.94	333.75	23.477	33.659	39.277	9.1881	99.834
#1	-.00030	-.00521	.00029	.00064	.00024	-.02036	-.00035
#2	.00134	.01286	.00041	.00105	.00043	-.02319	-.00202

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	-.03278	.00496	-.00006	.00133	.00260	.00001
SDev	.00012	.01935	.00182	.00004	.00130	.00125	.00002
%RSD	35.986	59.031	36.649	69.963	97.581	48.307	140.26
#1	.00042	-.04647	.00368	-.00009	.00225	.00348	.00000
#2	.00025	-.01910	.00625	-.00003	.00041	.00171	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00155	.00307	-.00029	.00113	.00021
SDev	.00009	.00010	.00294	.00011	.00329	.00010
%RSD	43.120	6.1153	95.681	36.060	289.93	45.671
#1	.00026	.00148	.00099	-.00037	-.00119	.00014
#2	.00014	.00161	.00515	-.00022	.00346	.00028

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27808	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--
%RSD	.0254282	--	--	--	--	--	--
#1	27813	--	--	--	--	--	--
#2	27803	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70278/2-a Operator: SRP
Run Time: 01/25/12 14:25:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6942	.97284	.98601	.98363	.49489	.97816	.49741
SDev	.0221	.00240	.00375	.00079	.00006	.00064	.00051
%RSD	.22830	.24639	.37981	.08005	.01200	.06512	.10314
#1	9.7098	.97114	.98866	.98419	.49493	.97771	.49777
#2	9.6785	.97453	.98337	.98307	.49485	.97861	.49705

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9414	.98038	.98939	.97989	10.009	.44922	.98768
SDev	.0077	.00123	.00179	.00041	.025	.00132	.00076
%RSD	.07779	.12600	.18098	.04185	.24873	.29378	.07661

#1	9.9469	.98126	.99066	.98018	10.027	.45016	.98715
#2	9.9360	.97951	.98813	.97960	9.9919	.44829	.98822

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99058	9.8749	.97601	.99252	1.0113	9.5592	.91210
SDev	.00740	.0076	.00032	.00222	.0017	.0276	.00266
%RSD	.74701	.07715	.03317	.22397	.16978	.28874	.29175
#1	.98534	9.8803	.97624	.99095	1.0125	9.5787	.91398
#2	.99581	9.8696	.97578	.99409	1.0101	9.5397	.91022

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49472	9.5068	9.3162	.49170	1.0000	.99257	.98275
SDev	.00043	.1760	.0305	.00085	.0092	.00383	.00003
%RSD	.08662	1.8514	.32784	.17201	.91997	.38612	.00265
#1	.49502	9.6312	9.3378	.49230	.99352	.99528	.98277
#2	.49441	9.3823	9.2946	.49110	1.0065	.98986	.98274

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98941	1.0019	.98142	.99081	.99177	.98998
SDev	.00109	.0004	.00193	.00017	.00017	.01102
%RSD	.11041	.03823	.19646	.01725	.01710	1.1126

#1	.99018	1.0017	.98006	.99069	.99165	.98219
#2	.98863	1.0022	.98278	.99093	.99189	.99777

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27686	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1404687	--	--	--	--	--	--
#1	27714	--	--	--	--	--	--
#2	27659	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-1-a Operator: SRP
Run Time: 01/25/12 14:29:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01227	.00032	.01415	.29467	-.00013	.22029	.00010
SDev	.00209	.00208	.00150	.00072	.00001	.00014	.00002
%RSD	16.984	661.34	10.576	.24405	6.7320	.06515	18.623
#1	.01080	-.00116	.01521	.29518	-.00014	.22039	.00009
#2	.01375	.00179	.01309	.29416	-.00013	.22019	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.62	-.00028	.00042	.00123	3.7563	.02458	.00110
SDev	.20	.00003	.00009	.00003	.0081	.00005	.00060
%RSD	.19680	9.2966	20.839	2.7679	.21508	.21982	54.296
#1	100.76	-.00026	.00035	.00121	3.7620	.02461	.00152
#2	100.48	-.00029	.00048	.00126	3.7506	.02454	.00068

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	30.149	.58714	.00666	.00099	2.8392	9.5517
SDev	.00172	.050	.00127	.00164	.00054	.0049	.0158
%RSD	69.984	.16607	.21553	24.557	54.489	.17389	.16522
#1	.00367	30.184	.58803	.00782	.00137	2.8427	9.5628
#2	.00124	30.114	.58624	.00551	.00061	2.8357	9.5405

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	165.85	128.40	.78352	.00579	.00268	-.00021
SDev	.00031	.40	.22	.00153	.00325	.00108	.00000
%RSD	503.54	.24201	.17043	.19540	56.194	40.322	2.0971
#1	.00028	166.14	128.55	.78461	.00809	.00191	-.00020
#2	-.00016	165.57	128.24	.78244	.00349	.00344	-.00021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00031	.00269	.00385	-.00028	.00094	.00321
SDev	.00002	.00008	.00169	.00005	.00325	.00095
%RSD	5.0285	2.9230	43.921	17.884	345.87	29.681
#1	-.00030	.00275	.00505	-.00024	.00324	.00389
#2	-.00032	.00263	.00266	-.00031	-.00136	.00254

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27048	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0313712	--	--	--	--	--	--
#1	27054	--	--	--	--	--	--
#2	27042	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-1-b du Operator: SRP
Run Time: 01/25/12 14:32:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00989	-.00147	.01376	.28848	-.00016	.21422	.00003
SDev	.00197	.00015	.00088	.00019	.00000	.00025	.00002

%RSD	19.881	9.9127	6.3858	.06767	1.9944	.11809	66.028
#1	.00850	-.00157	.01314	.28834	-.00015	.21404	.00004
#2	.01128	-.00137	.01439	.28862	-.00016	.21440	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.444	-.00042	.00024	.00107	3.6687	.02392	-.00028
SDev	.238	.00028	.00000	.00003	.0142	.00006	.00033
%RSD	.24184	66.768	.72203	2.5161	.38747	.26739	118.30
#1	98.612	-.00022	.00024	.00109	3.6787	.02388	-.00051
#2	98.276	-.00062	.00023	.00105	3.6586	.02397	-.00005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	29.481	.57308	.00412	.00043	2.7617	9.3569
SDev	.00132	.036	.00098	.00081	.00045	.0018	.0034
%RSD	581.32	.12287	.17118	19.617	103.78	.06412	.03661
#1	.00116	29.507	.57377	.00469	.00075	2.7604	9.3545
#2	-.00071	29.456	.57238	.00355	.00011	2.7629	9.3593

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	162.12	125.62	.76446	.00187	.00052	-.00045
SDev	.00006	.29	.13	.00051	.00057	.00141	.00001
%RSD	280.18	.17598	.10543	.06618	30.810	269.70	1.2256
#1	.00002	161.92	125.53	.76411	.00146	.00152	-.00045
#2	-.00007	162.32	125.72	.76482	.00227	-.00047	-.00045

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	.00227	.00284	-.00184	.00179	-.00055
SDev	.00019	.00015	.00001	.00050	.00188	.00104
%RSD	56.222	6.7984	.26111	26.939	105.45	187.69
#1	-.00020	.00238	.00285	-.00219	.00312	.00018
#2	-.00047	.00216	.00284	-.00149	.00045	-.00129

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27180	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1743084	--	--	--	--	--	--
#1	27213	--	--	--	--	--	--
#2	27146	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-1-c ms Operator: SRP
Run Time: 01/25/12 14:36:48
Comment: TRACE 61E

Analysis Report 01/25/12 02:40:36 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9854	.99530	1.0222	1.2661	.49221	1.2286	.48574
SDev	.0082	.00012	.0076	.0012	.00016	.0008	.00039
%RSD	.08236	.01206	.74789	.09563	.03244	.06623	.08033
#1	9.9913	.99538	1.0168	1.2669	.49210	1.2281	.48547
#2	9.9796	.99521	1.0276	1.2652	.49233	1.2292	.48602

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	110.94	.96349	.97063	.98019	13.571	.54584	.97078
SDev	.04	.00086	.00007	.00152	.008	.00031	.00049
%RSD	.03511	.08972	.00755	.15485	.05953	.05739	.05061
#1	110.92	.96288	.97069	.98126	13.577	.54606	.97043
#2	110.97	.96410	.97058	.97911	13.566	.54562	.97112

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0192	40.007	1.5438	1.0018	.97085	15.112	10.673
SDev	.0013	.004	.0006	.0032	.00385	.016	.008
%RSD	.13199	.01081	.03573	.32325	.39623	.10345	.07644
#1	1.0182	40.010	1.5434	.99955	.97357	15.123	10.679
#2	1.0202	40.003	1.5441	1.0041	.96813	15.101	10.667

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49866	179.57	137.64	1.2824	1.0138	1.0094	.98082
SDev	.00057	.19	.06	.0011	.0125	.0001	.00068
%RSD	.11397	.10467	.04395	.08660	1.2321	.01429	.06976

#1	.49907	179.70	137.68	1.2832	1.0049	1.0095	.98131
#2	.49826	179.43	137.59	1.2816	1.0226	1.0093	.98034

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98404	.99820	.96706	.97264	1.0180	1.0198
SDev	.00009	.00011	.00206	.00029	.0033	.0004
%RSD	.00890	.01114	.21293	.03009	.31934	.03849
#1	.98410	.99827	.96560	.97284	1.0157	1.0195
#2	.98398	.99812	.96851	.97243	1.0203	1.0201

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27268	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1140997	--	--	--	--	--	--
#1	27246	--	--	--	--	--	--
#2	27290	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-1-d msd Operator: SRP
Run Time: 01/25/12 14:40:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.086	1.0030	1.0182	1.2793	.49015	1.2297	.48137
SDev	.039	.0025	.0036	.0050	.00248	.0063	.00266
%RSD	.38348	.24497	.35607	.39285	.50572	.51027	.55334
#1	10.058	1.0012	1.0156	1.2758	.48839	1.2252	.47949
#2	10.113	1.0047	1.0207	1.2829	.49190	1.2341	.48325

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	108.70	.95716	.96546	.99291	13.430	.55459	.96898
SDev	.52	.00413	.00501	.00421	.055	.00181	.00913
%RSD	.47585	.43188	.51897	.42386	.40753	.32729	.94231
#1	108.34	.95424	.96191	.98993	13.391	.55330	.96252
#2	109.07	.96008	.96900	.99588	13.469	.55587	.97543

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0267	39.464	1.5309	1.0083	.95799	15.285	10.566
SDev	.0074	.216	.0076	.0078	.00420	.042	.048
%RSD	.71789	.54641	.49551	.77473	.43815	.27460	.45000
#1	1.0215	39.311	1.5255	1.0028	.95502	15.255	10.533
#2	1.0319	39.616	1.5362	1.0139	.96095	15.314	10.600

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.50131	178.83	138.08	1.2851	1.0180	1.0048	.98414
SDev	.00164	.83	.42	.0049	.0063	.0002	.00455
%RSD	.32802	.46613	.30624	.38245	.62290	.01576	.46232
#1	.50015	178.24	137.78	1.2816	1.0136	1.0049	.98092
#2	.50247	179.42	138.38	1.2886	1.0225	1.0047	.98736

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98517	.99402	.96008	.97342	1.0219	1.0291
SDev	.00367	.00475	.00731	.01004	.0010	.0106
%RSD	.37299	.47768	.76137	1.0315	.09611	1.0266
#1	.98258	.99066	.95491	.96632	1.0212	1.0216
#2	.98777	.99738	.96525	.98052	1.0226	1.0366

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26732	--	--	--	--	--	--

SDev	136.4716	--	--	--	--	--	--
%RSD	.5105273	--	--	--	--	--	--
#1	26828	--	--	--	--	--	--
#2	26635	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-2-a Operator: SRP
Run Time: 01/25/12 14:44:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01247	.00213	.01225	.29323	-.00015	.22092	.00028
SDev	.00009	.00166	.00056	.00199	.00001	.00169	.00012
%RSD	.71951	77.954	4.6004	.67816	3.7855	.76697	41.359
#1	.01253	.00331	.01185	.29464	-.00015	.22211	.00020
#2	.01241	.00096	.01265	.29183	-.00014	.21972	.00036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.09	-.00051	.00060	.00120	3.7679	.02443	.00008
SDev	.39	.00000	.00017	.00026	.0065	.00022	.00003
%RSD	.38560	.06049	29.004	21.390	.17305	.90754	42.387
#1	101.37	-.00051	.00048	.00102	3.7725	.02459	.00010
#2	100.81	-.00051	.00072	.00138	3.7633	.02427	.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	30.191	.58783	.00716	.00083	2.8176	9.5609
SDev	.00113	.161	.00281	.00162	.00059	.0106	.0570
%RSD	322.22	.53257	.47877	22.619	70.697	.37475	.59588
#1	.00045	30.304	.58982	.00830	.00042	2.8250	9.6012
#2	-.00115	30.077	.58584	.00601	.00125	2.8101	9.5206

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	164.18	127.43	.77986	.00477	.00078	-.00042
SDev	.00037	1.23	.71	.00544	.00942	.00038	.00003
%RSD	114.17	.75155	.55699	.69720	197.49	48.787	6.5924
#1	.00006	165.05	127.93	.78371	.01143	.00105	-.00040
#2	.00059	163.31	126.93	.77602	-.00189	.00051	-.00044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00220	.00163	-.00069	.00114	-.00109
SDev	.00017	.00011	.00051	.00021	.00097	.00121
%RSD	54.057	4.9452	31.542	29.661	85.381	110.06
#1	-.00043	.00212	.00199	-.00084	.00183	-.00024
#2	-.00019	.00227	.00127	-.00055	.00045	-.00195

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27133	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.2136983	--	--	--	--	--	--
#1	27092	--	--	--	--	--	--
#2	27174	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-3-a Operator: SRP
Run Time: 01/25/12 14:48:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01402	-.00025	.00735	.32715	-.00017	.21129	.00011
SDev	.00190	.00222	.00040	.00068	.00000	.00016	.00004
%RSD	13.569	892.13	5.3846	.20634	.76117	.07679	39.805
#1	.01537	.00132	.00763	.32667	-.00017	.21141	.00008
#2	.01268	-.00182	.00707	.32762	-.00017	.21118	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.17	-.00048	-.00014	.00125	3.8400	.02514	-.00026
SDev	.21	.00000	.00009	.00004	.0058	.00007	.00045
%RSD	.21304	.04992	64.000	3.4230	.15058	.26210	176.46
#1	100.02	-.00048	-.00008	.00122	3.8359	.02509	-.00058
#2	100.32	-.00048	-.00020	.00128	3.8441	.02519	.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	30.122	.51724	.00438	.00063	2.9047	10.113
SDev	.00122	.078	.00090	.00031	.00039	.0148	.024
%RSD	222.28	.25870	.17340	7.1501	61.864	.50985	.24028

#1	-.00031	30.067	.51661	.00460	.00090	2.8942	10.096
#2	.00141	30.178	.51788	.00416	.00035	2.9152	10.130

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	158.34	124.12	.78442	-.00026	.00235	-.00043
SDev	.00003	.60	.39	.00176	.00210	.00010	.00002
%RSD	14.022	.38164	.31072	.22475	798.01	4.3692	3.4995

#1	.00019	157.91	123.85	.78317	.00122	.00242	-.00044
#2	.00024	158.77	124.40	.78567	-.00175	.00228	-.00042

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.00147	.00348	-.00212	.00667	-.00252
SDev	.00009	.00005	.00201	.00032	.00631	.00133
%RSD	23.708	3.0817	57.769	15.255	94.547	52.877

#1	-.00033	.00150	.00206	-.00190	.00221	-.00158
#2	-.00047	.00144	.00490	-.00235	.01114	-.00346

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26980	--	--	--	--	--	--
SDev	58.68986	--	--	--	--	--	--
%RSD	.2175270	--	--	--	--	--	--

#1	27022	--	--	--	--	--	--
#2	26939	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-4-a Operator: SRP
Run Time: 01/25/12 14:52:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12584	-.00132	.00374	.17183	-.00016	.18180	.00011
SDev	.00057	.00039	.00054	.00062	.00000	.00050	.00001
%RSD	.45291	29.454	14.418	.35879	2.4150	.27555	6.1175

#1	.12625	-.00104	.00336	.17226	-.00016	.18216	.00011
#2	.12544	-.00159	.00412	.17139	-.00017	.18145	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.318	.00133	.00047	.00181	.31456	.03428	.00081
SDev	.357	.00019	.00009	.00019	.00954	.00006	.00026
%RSD	.37860	13.925	18.049	10.318	3.0346	.16709	32.099

#1	94.570	.00147	.00053	.00168	.32131	.03433	.00099
#2	94.065	.00120	.00041	.00194	.30781	.03424	.00063

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	17.142	.12702	.00254	.00299	5.1132	9.3864

SDev	.00003	.067	.00052	.00005	.00012	.0159	.0261
%RSD	1.9550	.38828	.41123	2.0359	4.1361	.31092	.27849
#1	.00147	17.189	.12739	.00250	.00307	5.1244	9.4049
#2	.00143	17.095	.12665	.00258	.00290	5.1020	9.3679

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	151.32	119.38	.90974	.00210	.00213	.00211
SDev	.00047	.20	.09	.00295	.00265	.00077	.00006
%RSD	181.78	.13146	.07804	.32387	126.21	36.097	2.6149
#1	.00059	151.46	119.45	.91182	.00398	.00267	.00215
#2	-.00007	151.18	119.32	.90766	.00023	.00159	.00207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	.00228	.00407	-.00082	.00373	.00032
SDev	.00010	.00002	.00017	.00047	.00071	.00031
%RSD	6.8461	.92884	4.1255	57.976	18.979	98.548
#1	.00146	.00230	.00395	-.00048	.00423	.00010
#2	.00133	.00227	.00418	-.00115	.00323	.00054

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26888	--	--	--	--	--	--
SDev	74.24622	--	--	--	--	--	--
%RSD	.2761263	--	--	--	--	--	--
#1	26836	--	--	--	--	--	--
#2	26941	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48838-c-5-a Operator: SRP
Run Time: 01/25/12 14:56:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02087	.00152	.00399	.32136	-.00022	.19123	.00005
SDev	.00046	.00043	.00153	.00038	.00000	.00049	.00006
%RSD	2.1816	28.224	38.248	.11803	.21301	.25500	121.77
#1	.02119	.00182	.00507	.32163	-.00022	.19157	.00010
#2	.02055	.00121	.00291	.32109	-.00022	.19088	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	125.41	.00065	.00009	.00084	3.1265	.02737	.00038
SDev	.57	.00023	.00009	.00003	.0181	.00004	.00016
%RSD	.45147	36.192	98.591	4.0568	.57861	.13462	40.642
#1	125.81	.00082	.00015	.00086	3.1393	.02739	.00027
#2	125.01	.00048	.00003	.00082	3.1137	.02734	.00049

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00279	29.281	.46509	.00177	.00008	2.9708	10.648
SDev	.00092	.115	.00222	.00012	.00051	.0042	.030
%RSD	32.847	.39197	.47851	6.7048	672.27	.14288	.28298
#1	.00344	29.362	.46666	.00185	.00044	2.9738	10.669
#2	.00215	29.200	.46351	.00169	-.00029	2.9678	10.627

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	146.27	116.72	1.2702	.00229	.00120	-.00053
SDev	.00003	.02	.07	.0015	.00195	.00073	.00001
%RSD	19.514	.01620	.06338	.11747	85.223	60.846	1.6458

#1	.00018	146.28	116.77	1.2713	.00367	.00068	-.00052
#2	.00014	146.25	116.66	1.2692	.00091	.00172	-.00053

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	.00201	.00367	-.00126	.00259	.00290
SDev	.00009	.00007	.00212	.00129	.00256	.00010
%RSD	21.952	3.4606	57.702	102.60	98.825	3.4040
#1	-.00036	.00197	.00516	-.00217	.00439	.00297
#2	-.00049	.00206	.00217	-.00035	.00078	.00283

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26598	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0186091	--	--	--	--	--	--
#1	26602	--	--	--	--	--	--
#2	26595	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 14:59:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5718	.50486	.50560	.50765	.50624	.50500	.51338
SDev	.0040	.00269	.00276	.00044	.00004	.00075	.00003
%RSD	.15393	.53319	.54647	.08681	.00811	.14754	.00576
#1	2.5690	.50296	.50756	.50734	.50627	.50447	.51340
#2	2.5746	.50676	.50365	.50796	.50622	.50553	.51336

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.788	.50237	.50427	.50473	2.6196	.47307	.50720
SDev	.006	.00017	.00020	.00097	.0063	.00029	.00071
%RSD	.04721	.03437	.04014	.19149	.23911	.06217	.14005
#1	12.784	.50250	.50441	.50404	2.6152	.47287	.50770
#2	12.792	.50225	.50413	.50541	2.6240	.47328	.50670

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51108	5.1031	.49980	.51221	.52534	12.217	.96612
SDev	.00095	.0025	.00021	.00282	.00170	.001	.00350
%RSD	.18538	.04828	.04150	.55139	.32422	.00472	.36246
#1	.51041	5.1013	.49965	.51021	.52654	12.218	.96859
#2	.51175	5.1048	.49994	.51421	.52413	12.217	.96364

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report Blank Sample 01/25/12 03:03:41 PM page 21

Avge	.25215	12.692	12.072	.25344	.51479	.51679	.51109
SDev	.00058	.060	.014	.00013	.00816	.00033	.00051
%RSD	.22915	.47287	.11842	.05035	1.5852	.06449	.09994
#1	.25175	12.650	12.062	.25335	.50902	.51702	.51073
#2	.25256	12.735	12.082	.25353	.52056	.51655	.51145

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50868	.51882	.50187	.50986	.50594	.51371
SDev	.00039	.00052	.00003	.00105	.00040	.00122
%RSD	.07601	.10014	.00542	.20631	.07922	.23765
#1	.50840	.51846	.50189	.51061	.50566	.51285
#2	.50895	.51919	.50185	.50912	.50623	.51458

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27570	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0359068	--	--	--	--	--	--
#1	27577	--	--	--	--	--	--
#2	27563	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 15:03:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02732	.00062	-.00080	.00040	.00026	.00185	.00032
SDev	.00158	.00194	.00273	.00002	.00005	.00053	.00005
%RSD	5.7890	314.70	340.17	4.9918	18.655	28.613	14.110
#1	.02844	.00199	.00113	.00041	.00022	.00223	.00029
#2	.02621	-.00076	-.00274	.00038	.00029	.00148	.00036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04320	.00011	.00047	.00007	.00901	.00032	.00096
SDev	.00270	.00028	.00030	.00021	.00662	.00002	.00000
%RSD	6.2598	251.19	63.698	293.40	73.543	4.7283	.03721

#1	.04128	.00031	.00026	.00022	.00432	.00031	.00096
#2	.04511	-.00009	.00068	-.00008	.01369	.00033	.00096

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	.02110	.00041	.00197	.00055	.01504	-.00252
SDev	.00019	.00253	.00000	.00058	.00026	.01998	.00173
%RSD	11.053	11.969	.45624	29.218	47.758	132.78	68.437

#1	.00190	.02289	.00041	.00238	.00036	.02917	-.00130

#2	.00162	.01932	.00041	.00156	.00073	.00092	-.00374

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.06432	.01355	.00024	.00155	.00039	.00034
SDev	.00027	.05986	.00129	.00002	.00040	.00026	.00016
%RSD	1689.3	93.059	9.5251	7.8235	25.737	68.531	46.230

#1	-.00018	-.10664	.01264	.00023	.00183	.00057	.00045
#2	.00021	-.02200	.01446	.00026	.00127	.00020	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00022	.00280	.00004	-.00083	.00306
SDev	.00027	.00008	.00230	.00115	.00516	.00287
%RSD	130.11	34.951	82.259	3218.8	619.20	94.015

#1	.00040	.00017	.00117	.00085	-.00448	.00509
#2	.00002	.00028	.00442	-.00078	.00282	.00102

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27852	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.3782745	--	--	--	--	--	--

#1	27778	--	--	--	--	--	--
#2	27927	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48856-c-1-a Operator: SRP
Run Time: 01/25/12 15:07:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04839	.00125	.00204	.08782	-.00024	1.7489	.00016
SDev	.00050	.00121	.00094	.00001	.00002	.0005	.00002
%RSD	1.0420	97.288	46.163	.00662	6.8172	.02672	11.764

#1	.04803	.00210	.00271	.08781	-.00025	1.7492	.00017
#2	.04875	.00039	.00138	.08782	-.00023	1.7486	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	255.46	.00236	.00054	.07579	.26591	.09205	.01198
SDev	.02	.00005	.00032	.00016	.01781	.00009	.00047

%RSD	.00902	1.8891	58.867	.20723	6.6990	.09677	3.8879
#1	255.47	.00239	.00077	.07591	.27851	.09212	.01231
#2	255.44	.00233	.00032	.07568	.25332	.09199	.01165

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	42.675	.02564	.00306	.00970	14.856	13.404

Analysis Report 01/25/12 03:11:24 PM page 23

SDev	.00120	.007	.00006	.00042	.00075	.009	.011
%RSD	140.28	.01685	.22507	13.595	7.6919	.06110	.08536
#1	.00001	42.669	.02560	.00336	.01022	14.862	13.412
#2	.00170	42.680	.02568	.00277	.00917	14.849	13.396

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	284.13	200.90	3.3148	.00176	.00302	-.00079
SDev	.00042	.82	.38	.0021	.00049	.00133	.00009
%RSD	90.148	.28799	.18895	.06245	27.882	44.009	11.527
#1	.00077	284.71	201.17	3.3162	.00210	.00208	-.00072
#2	.00017	283.55	200.63	3.3133	.00141	.00396	-.00085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00608	.12641	.01570	.01012	.00430	-.00087
SDev	.00055	.00015	.00160	.00010	.00006	.00176
%RSD	9.0763	.12157	10.178	.99322	1.4706	202.54
#1	.00648	.12652	.01683	.01005	.00425	-.00212
#2	.00569	.12630	.01457	.01019	.00434	.00038

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25966	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.3295138	--	--	--	--	--	--
#1	26026	--	--	--	--	--	--
#2	25905	--	--	--	--	--	--

Analysis Report 01/25/12 03:16:23 PM page 1

Method: 20076010 Sample Name: 600-48856-c-3-a Operator: SRP
Run Time: 01/25/12 15:12:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02916	-.00060	-.00151	.09125	-.00026	.73945	.00005
SDev	.00035	.00181	.00318	.00064	.00006	.00433	.00012
%RSD	1.2119	301.64	210.64	.70528	23.348	.58529	230.00
#1	.02941	-.00188	-.00375	.09171	-.00030	.74251	-.00003
#2	.02891	.00068	.00074	.09080	-.00022	.73639	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	388.02	.01327	.00108	.04155	.31023	.09487	.00027
SDev	.71	.00009	.00018	.00055	.00357	.00088	.00112
%RSD	.18179	.71145	16.695	1.3227	1.1505	.93174	413.26
#1	388.52	.01333	.00096	.04194	.30771	.09549	.00106
#2	387.52	.01320	.00121	.04116	.31276	.09424	-.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	64.882	.03414	.00300	.04335	17.802	12.523
SDev	.00060	.226	.00013	.00045	.00079	.160	.086
%RSD	21.208	.34872	.38532	14.942	1.8167	.89597	.68906
#1	.00327	65.042	.03423	.00268	.04279	17.915	12.584
#2	.00242	64.722	.03404	.00331	.04391	17.689	12.462

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	269.93	195.12	5.8020	.00164	.00158	-.00131
SDev	.00036	2.40	1.56	.0407	.00059	.00053	.00011
%RSD	84.468	.89055	.80059	.70064	35.976	33.238	8.3102
#1	.00017	271.63	196.23	5.8308	.00206	.00121	-.00139
#2	.00067	268.23	194.02	5.7733	.00122	.00196	-.00124

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	.07071	.00367	-.00143	.00837	.00008
SDev	.00010	.00010	.00197	.00070	.00136	.00022
%RSD	2.9281	.13421	53.533	48.876	16.301	272.62
#1	.00354	.07078	.00506	-.00093	.00933	.00024
#2	.00340	.07064	.00228	-.00192	.00740	-.00008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25974	--	--	--	--	--	--
SDev	77.78175	--	--	--	--	--	--
%RSD	.2994600	--	--	--	--	--	--

#1	25919	--	--	--	--	--	--
#2	26029	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48888-c-1-a Operator: SRP
Run Time: 01/25/12 15:16:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8057	.00009	.00164	.07655	-.00033	.21247	-.00001
SDev	.0020	.00084	.00125	.00034	.00001	.00023	.00008
%RSD	.11005	894.70	76.248	.44472	1.9122	.10668	1397.4

#1	1.8071	.00068	.00252	.07679	-.00033	.21263	.00005
#2	1.8043	-.00050	.00076	.07631	-.00034	.21231	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	207.66	.00004	.00154	.00633	.43883	.00986	.01054
SDev	1.24	.00036	.00046	.00041	.00335	.00005	.00005
%RSD	.59492	878.30	30.132	6.4985	.76348	.47840	.47041
#1	206.79	-.00021	.00121	.00604	.44120	.00983	.01057
#2	208.53	.00029	.00187	.00662	.43646	.00989	.01050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	56.357	.09238	.00644	.01739	37.782	5.9672
SDev	.00061	.178	.00034	.00023	.00031	.282	.0025
%RSD	61.641	.31503	.37323	3.5062	1.7831	.74766	.04184
#1	-.00056	56.232	.09213	.00628	.01717	37.982	5.9655
#2	-.00143	56.483	.09262	.00660	.01761	37.582	5.9690

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	1596.9	566.60	.45633	.00242	.00237	.00073
SDev	.00030	3.8	4.85	.00061	.00074	.00017	.00034
%RSD	161.02	.23485	.85592	.13378	30.578	7.2330	47.453
#1	-.00003	1599.5	563.17	.45676	.00189	.00249	.00048
#2	.00039	1594.2	570.03	.45590	.00294	.00224	.00097

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.09006	.01361	.00900	.00348	-.00323
SDev	.00010	.00025	.00113	.00064	.00106	.00145
%RSD	18.224	.27345	8.3201	7.1155	30.418	44.847
#1	.00050	.08988	.01281	.00946	.00273	-.00221
#2	.00064	.09023	.01441	.00855	.00423	-.00426

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 03:20:14 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25378	--	--	--	--	--	--
SDev	152.0280	--	--	--	--	--	--
%RSD	.5990660	--	--	--	--	--	--
#1	25485	--	--	--	--	--	--
#2	25270	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 15:20:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2.5249	.49984	.50224	.50313	.50007	.50088	.50921
SDev	.0119	.00201	.00166	.00287	.00136	.00032	.00146
%RSD	.47095	.40183	.32983	.57070	.27204	.06441	.28613
#1	2.5333	.50126	.50341	.50516	.50103	.50065	.51024
#2	2.5165	.49842	.50107	.50110	.49911	.50111	.50818

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.645	.49716	.50047	.49806	2.5975	.46940	.50191
SDev	.022	.00102	.00176	.00296	.0214	.00222	.00071
%RSD	.17767	.20557	.35229	.59325	.82475	.47227	.14222
#1	12.661	.49788	.50171	.50015	2.6126	.47096	.50242
#2	12.629	.49644	.49922	.49597	2.5823	.46783	.50141

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50538	5.0335	.49556	.50721	.50894	12.128	.96477
SDev	.00149	.0210	.00158	.00007	.00255	.048	.00683
%RSD	.29560	.41673	.31850	.01455	.50094	.39856	.70850
#1	.50643	5.0484	.49668	.50716	.51075	12.162	.96960
#2	.50432	5.0187	.49445	.50726	.50714	12.093	.95993

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25043	12.862	12.039	.25120	.51122	.51191	.50641
SDev	.00154	.110	.067	.00095	.00468	.00116	.00205
%RSD	.61482	.85332	.55763	.37863	.91617	.22631	.40497
#1	.25151	12.940	12.086	.25187	.50790	.51273	.50786
#2	.24934	12.785	11.991	.25053	.51453	.51109	.50496

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50325	.51446	.50009	.50283	.50063	.50781
SDev	.00125	.00159	.00188	.00013	.00413	.00017
%RSD	.24856	.30926	.37692	.02551	.82546	.03439
#1	.50414	.51558	.50143	.50292	.50355	.50793

#2	.50237	.51333	.49876	.50274	.49771	.50768	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27609	--	--	--	--	--	--
SDev	69.29646	--	--	--	--	--	--
%RSD	.2509923	--	--	--	--	--	--
#1	27560	--	--	--	--	--	--
#2	27658	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 15:24:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02504	.00211	.00146	.00048	.00035	.00311	.00037
SDev	.00122	.00177	.00216	.00006	.00001	.00085	.00019
%RSD	4.8771	83.837	147.86	11.697	3.8422	27.281	51.057
#1	.02591	.00336	.00299	.00052	.00036	.00371	.00024
#2	.02418	.00086	-.00007	.00044	.00034	.00251	.00050

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03708	.00064	.00014	.00044	.00154	.00037	.00077
SDev	.00554	.00051	.00066	.00048	.01337	.00003	.00009
%RSD	14.945	80.588	466.78	109.11	868.12	9.0854	11.779
#1	.03316	.00100	-.00033	.00078	-.00792	.00034	.00083
#2	.04099	.00027	.00061	.00010	.01100	.00039	.00070

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	.01419	.00049	.00126	.00041	.00398	-.00027
SDev	.00001	.00046	.00005	.00098	.00042	.00615	.00395
%RSD	.14822	3.2049	9.9895	77.713	103.59	154.49	1482.6
#1	.00370	.01451	.00052	.00196	.00011	.00834	.00252
#2	.00371	.01387	.00045	.00057	.00071	-.00037	-.00306

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.02017	.02449	.00035	-.00020	.00114	.00056
SDev	.00051	.04494	.00025	.00003	.00098	.00268	.00026
%RSD	268.45	222.84	1.0062	8.1627	485.85	234.39	46.339
#1	-.00017	-.01161	.02466	.00033	.00049	-.00075	.00075
#2	.00055	.05194	.02432	.00037	-.00090	.00303	.00038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00058	-.00276	.00253	-.00290	.00700

SDev	.00053	.00026	.01084	.00556	.01605	.00802
%RSD	59.456	45.684	392.71	219.38	553.52	114.48
#1	.00126	.00076	-.01042	.00646	-.01425	.01267
#2	.00052	.00039	.00490	-.00140	.00845	.00133

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27806	--	--	--	--	--	--
SDev	304.7630	--	--	--	--	--	--
%RSD	1.096013	--	--	--	--	--	--
#1	28022	--	--	--	--	--	--
#2	27591	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70749/1-a Operator: SRP
Run Time: 01/25/12 15:28:00
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00687	.00111	-.00064	.00097	-.00010	.00082	.00029
SDev	.00010	.00214	.00053	.00004	.00001	.00018	.00001
%RSD	1.5021	192.69	82.946	4.4704	9.5200	21.498	3.3697
#1	.00694	-.00040	-.00102	.00100	-.00009	.00094	.00030
#2	.00680	.00263	-.00026	.00094	-.00010	.00069	.00029

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00860	-.00028	.00019	-.00024	.02992	.00009	.00108
SDev	.00013	.00028	.00034	.00017	.00551	.00003	.00124
%RSD	1.5051	99.771	181.34	69.372	18.411	35.831	115.00
#1	.00869	-.00008	.00043	-.00036	.03381	.00007	.00020
#2	.00850	-.00047	-.00005	-.00012	.02602	.00011	.00196

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.01126	.00016	.00083	.00045	.06847	-.00247
SDev	.00163	.00205	.00003	.00015	.00009	.01212	.00105
%RSD	136.07	18.214	17.296	17.368	19.579	17.694	42.418
#1	.00005	.00981	.00018	.00073	.00039	.05991	-.00173
#2	.00235	.01271	.00014	.00094	.00051	.07704	-.00321

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.20652	.01874	-.00008	-.00234	.03256	-.00000
SDev	.00000	.03621	.00045	.00000	.00172	.00041	.00014
%RSD	.00915	17.531	2.3821	4.3988	73.540	1.2621	55636.
#1	.00068	.23212	.01906	-.00007	-.00356	.03285	.00010
#2	.00068	.18092	.01842	-.00008	-.00113	.03227	-.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.04059	.00607	-.00142	-.00257	.00308
SDev	.00000	.00015	.00097	.00138	.00110	.00189
%RSD	1.3856	.38029	15.916	97.626	42.733	61.448
#1	-.00011	.04048	.00539	-.00239	-.00335	.00174
#2	-.00011	.04070	.00676	-.00044	-.00179	.00442

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27555	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1437053	--	--	--	--	--	--
#1	27583	--	--	--	--	--	--
#2	27527	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70749/2-a Operator: SRP

Run Time: 01/25/12 15:31:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.147	.84485	1.2387	2.2963	1.3623	.80437	.63964
SDev	.259	.01020	.0109	.0102	.0144	.00398	.00846
%RSD	.34426	1.2077	.88170	.44627	1.0581	.49492	1.3228
#1	74.964	.85207	1.2464	2.2891	1.3725	.80718	.64563
#2	75.330	.83764	1.2310	2.3036	1.3521	.80155	.63366

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.458	.92742	1.2818	.98795	159.31	.07584	1.3036
SDev	.971	.00896	.0123	.00239	1.51	.00053	.0065
%RSD	1.1494	.96652	.96274	.24233	.95073	.69914	.50030
#1	85.144	.93376	1.2905	.98626	160.38	.07546	1.3082
#2	83.771	.92108	1.2730	.98965	158.24	.07621	1.2990

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7255	36.283	4.6872	.85467	1.2157	42.100	7.0694
SDev	.0043	.275	.0346	.00460	.0150	.402	.0218
%RSD	.24777	.75665	.73750	.53880	1.2354	.95407	.30846
#1	1.7285	36.477	4.7116	.85793	1.2264	41.816	7.0848
#2	1.7225	36.089	4.6628	.85141	1.2051	42.384	7.0540

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39787	3.0395	5.8932	2.2593	1.4796	1.4898	3.6978
SDev	.00124	.0709	.0523	.0061	.0025	.0167	.0075

%RSD	.31082	2.3323	.88828	.27046	.17096	1.1195	.20287
#1	.39874	3.0897	5.8562	2.2549	1.4814	1.5016	3.7031
#2	.39700	2.9894	5.9302	2.2636	1.4778	1.4780	3.6925

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58200	1.9687	1.2586	1.3261	1.6954	1.7405
SDev	.00434	.0145	.0110	.0153	.0147	.0138
%RSD	.74550	.73483	.87260	1.1518	.86613	.79029
#1	.58507	1.9789	1.2508	1.3369	1.6850	1.7502
#2	.57893	1.9585	1.2663	1.3153	1.7058	1.7308

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29629	--	--	--	--	--	--
SDev	258.8011	--	--	--	--	--	--
%RSD	.8734722	--	--	--	--	--	--
#1	29812	--	--	--	--	--	--
#2	29446	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49000-b-1-a Operator: SRP
Run Time: 01/25/12 15:35:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.791	.00903	.03589	3.5389	.00156	.20419	.00472
SDev	.090	.00183	.00147	.0030	.00010	.00231	.00015
%RSD	.25014	20.229	4.0900	.08416	6.6008	1.1327	3.2040
#1	35.727	.01033	.03693	3.5368	.00163	.20582	.00482
#2	35.854	.00774	.03486	3.5410	.00149	.20255	.00461

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.231	.06022	.01128	1.2161	35.034	.00979	.09766
SDev	.255	.00076	.00004	.0005	.182	.00003	.00007
%RSD	.55177	1.2638	.35200	.03951	.51957	.27991	.07228
#1	46.411	.06076	.01126	1.2164	35.162	.00977	.09771
#2	46.051	.05968	.01131	1.2157	34.905	.00981	.09761

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02231	5.6338	2.5304	.03538	.04037	7.2344	18.363
SDev	.00006	.0412	.0120	.00154	.00090	.0168	.022
%RSD	.28396	.73094	.47246	4.3470	2.2386	.23287	.12178
#1	.02226	5.6630	2.5388	.03647	.04100	7.2225	18.379
#2	.02235	5.6047	2.5219	.03429	.03973	7.2463	18.347

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00591	20.900	19.264	.49795	-.00182	.14190	.13539
SDev	.00042	.124	.115	.00014	.00328	.00103	.00074
%RSD	7.1501	.59541	.59650	.02802	179.93	.72970	.54495
#1	.00620	20.812	19.183	.49785	.00050	.14263	.13591
#2	.00561	20.988	19.346	.49805	-.00414	.14117	.13487

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03445	3.5346	.08920	.10189	.01447	.02623
SDev	.00029	.0206	.00603	.00312	.00723	.00352
%RSD	.83346	.58393	6.7557	3.0609	49.957	13.423
#1	.03465	3.5492	.08494	.10410	.00936	.02872
#2	.03424	3.5200	.09346	.09969	.01959	.02374

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27928	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0227874	--	--	--	--	--	--

#1	27923	--	--	--	--	--	--
#2	27932	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49129-a-6-b Operator: SRP
Run Time: 01/25/12 15:39:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	158.10	.00035	.05454	.84285	.01010	.08355	.00539
SDev	.45	.00009	.00110	.00257	.00005	.00057	.00023
%RSD	.28180	26.825	2.0115	.30501	.47242	.68790	4.3152
#1	158.42	.00042	.05376	.84466	.01006	.08395	.00522
#2	157.79	.00028	.05531	.84103	.01013	.08314	.00555

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.96	.22622	.10771	.19547	245.01	.19699	.25210
SDev	.04	.00007	.00015	.00078	.15	.00040	.00116
%RSD	.03997	.03005	.14370	.40135	.06221	.20093	.45993
#1	102.94	.22617	.10760	.19603	245.12	.19727	.25292
#2	102.99	.22626	.10782	.19492	244.90	.19671	.25128

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01378	52.730	2.2348	.00271	.28178	24.826	6.9341
SDev	.00079	.029	.0014	.00040	.00125	.028	.0177
%RSD	5.7405	.05594	.06450	14.603	.44258	.11211	.25527

#1	-.01322	52.751	2.2358	.00243	.28266	24.846	6.9467
#2	-.01434	52.709	2.2338	.00299	.28090	24.807	6.9216

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00397	8.9519	9.3157	.66693	-.00147	.03598	.91056
SDev	.00033	.0135	.0190	.00159	.00088	.00092	.00049
%RSD	8.3227	.15095	.20366	.23787	59.421	2.5438	.05410
#1	-.00374	8.9615	9.3291	.66805	-.00085	.03663	.91091
#2	-.00421	8.9424	9.3022	.66581	-.00209	.03533	.91021

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41826	1.0364	.22264	.26683	-.01827	-.01154
SDev	.00048	.0008	.00091	.00128	.00364	.00301
%RSD	.11491	.07243	.40963	.48091	19.909	26.033
#1	.41860	1.0370	.22329	.26774	-.02084	-.00942
#2	.41792	1.0359	.22200	.26592	-.01569	-.01367

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30884	--	--	--	--	--	--
SDev	153.4422	--	--	--	--	--	--

%RSD	.4968419	--	--	--	--	--	--
#1	30775	--	--	--	--	--	--
#2	30992	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49129-a-6-c du Operator: SRP
Run Time: 01/25/12 15:43:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	154.95	.00153	.05466	6.8623	.00975	.07089	.00544
SDev	.13	.00001	.00135	.0061	.00002	.00006	.00023
%RSD	.08601	.81427	2.4746	.08906	.22939	.08320	4.2496
#1	155.04	.00153	.05371	6.8666	.00977	.07094	.00561
#2	154.85	.00152	.05562	6.8580	.00973	.07085	.00528

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	110.95	.22048	.16787	.20311	240.99	.20004	.28190
SDev	.21	.00046	.00027	.00008	.51	.00009	.00099
%RSD	.18786	.20882	.16312	.03837	.21215	.04331	.35267
#1	111.10	.22080	.16806	.20306	241.35	.20010	.28260
#2	110.81	.22015	.16768	.20317	240.63	.19998	.28119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01542	52.474	3.2930	.00196	.28353	24.573	6.7576
SDev	.00170	.117	.0064	.00024	.00044	.017	.0115
%RSD	11.051	.22298	.19381	12.443	.15695	.06752	.16950
#1	-.01662	52.557	3.2975	.00179	.28384	24.584	6.7657
#2	-.01421	52.391	3.2885	.00213	.28321	24.561	6.7496

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00455	8.8062	9.2800	.73871	-.00372	.03400	.81869
SDev	.00020	.0006	.0011	.00072	.00311	.00170	.00117
%RSD	4.3900	.00737	.01143	.09797	83.474	5.0034	.14268
#1	-.00441	8.8066	9.2793	.73922	-.00152	.03520	.81952
#2	-.00469	8.8057	9.2808	.73819	-.00592	.03280	.81787

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40719	1.0376	.25011	.29779	-.01785	-.01420
SDev	.00069	.0025	.00259	.00020	.00104	.00204
%RSD	.17007	.23883	1.0346	.06628	5.8025	14.348
#1	.40768	1.0394	.25194	.29793	-.01858	-.01564
#2	.40671	1.0359	.24828	.29765	-.01711	-.01276

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	31884	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.2084683	--	--	--	--	--	--
#1	31837	--	--	--	--	--	--
#2	31931	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49129-a-6-d ms Operator: SRP
Run Time: 01/25/12 15:47:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	192.10	.27909	.86462	1.7911	.42091	.52723	.41730
SDev	.20	.00127	.00055	.0006	.00044	.00145	.00087
%RSD	.10530	.45427	.06332	.03091	.10568	.27560	.20806
#1	191.95	.27999	.86424	1.7907	.42122	.52621	.41791
#2	192.24	.27819	.86501	1.7915	.42059	.52826	.41668

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.90	1.0636	.99498	1.0792	325.33	.66293	1.1536
SDev	.17	.0015	.00159	.0012	.47	.00125	.0001
%RSD	.15209	.14062	.15959	.11351	.14549	.18917	.01240

#1	112.02	1.0647	.99610	1.0784	325.67	.66204	1.1537
#2	111.78	1.0626	.99386	1.0801	325.00	.66381	1.1535

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73557	63.532	5.1858	.67782	1.1237	36.192	7.2573
SDev	.00010	.052	.0052	.00030	.0001	.053	.0078
%RSD	.01337	.08108	.10088	.04463	.01103	.14600	.10690
#1	.73550	63.568	5.1895	.67804	1.1238	36.155	7.2518
#2	.73564	63.495	5.1821	.67761	1.1236	36.229	7.2627

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42514	18.461	19.095	1.1320	.83531	.73311	1.2103
SDev	.00011	.045	.049	.0005	.00088	.00120	.0003
%RSD	.02594	.24451	.25577	.04537	.10538	.16412	.02892
#1	.42522	18.493	19.060	1.1316	.83593	.73396	1.2106
#2	.42506	18.429	19.129	1.1324	.83468	.73226	1.2101

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3039	1.9389	1.1033	1.1787	.73129	.73770
SDev	.0013	.0026	.0052	.0024	.00246	.00137
%RSD	.10117	.13530	.46815	.20089	.33572	.18640
#1	1.3048	1.9407	1.1069	1.1771	.73302	.73673
#2	1.3029	1.9370	1.0996	1.1804	.72955	.73868

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31588	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1074494	--	--	--	--	--	--
#1	31564	--	--	--	--	--	--
#2	31612	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49129-a-6-e msd Operator: SRP
Run Time: 01/25/12 15:51:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	196.71	.27880	.86015	1.7797	.42634	.54418	.42188
SDev	.05	.00164	.00200	.0000	.00018	.00091	.00075
%RSD	.02493	.58758	.23264	.00100	.04287	.16643	.17814
#1	196.74	.27764	.86156	1.7798	.42621	.54354	.42135
#2	196.67	.27996	.85873	1.7797	.42647	.54482	.42241

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.25	1.0740	.93678	1.0589	270.97	.66920	1.1247
SDev	.03	.0001	.00090	.0012	.31	.00053	.0026
%RSD	.03027	.01337	.09635	.10870	.11510	.07871	.23066
#1	111.23	1.0739	.93615	1.0598	270.75	.66957	1.1228
#2	111.27	1.0741	.93742	1.0581	271.19	.66883	1.1265

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75536	63.641	3.2884	.68796	1.0858	36.619	7.4250
SDev	.00131	.018	.0015	.00012	.0020	.056	.0038
%RSD	.17404	.02892	.04598	.01762	.18535	.15238	.05146
#1	.75444	63.628	3.2874	.68804	1.0844	36.658	7.4277
#2	.75629	63.654	3.2895	.68787	1.0873	36.579	7.4223

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43255	18.612	19.258	1.1440	.84267	.74989	1.2237
SDev	.00008	.029	.018	.0002	.00471	.00065	.0004
%RSD	.01768	.15398	.09329	.01988	.55944	.08699	.02909
#1	.43250	18.592	19.270	1.1441	.83934	.75035	1.2235
#2	.43261	18.633	19.245	1.1438	.84601	.74943	1.2240

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2449	1.8485	1.0723	1.1508	.74897	.75856
SDev	.0007	.0008	.0006	.0036	.00052	.00171
%RSD	.05242	.04397	.05816	.31103	.06873	.22602
#1	1.2444	1.8491	1.0719	1.1483	.74860	.75735

#2	1.2454	1.8479	1.0728	1.1534	.74933	.75978

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30956	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1142116	--	--	--	--	--	--
#1	30931	--	--	--	--	--	--
#2	30981	--	--	--	--	--	--

Analysis Report 01/25/12 04:00:03 PM page 1

Method: 20076010 Sample Name: 600-49129-b-7-a Operator: SRP
Run Time: 01/25/12 15:56:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	143.28	.00655	.14391	2.2288	.01102	.05373	.01613
SDev	.42	.00015	.00559	.0037	.00015	.00079	.00017
%RSD	.29222	2.3343	3.8845	.16710	1.3224	1.4653	1.0380
#1	143.58	.00644	.14787	2.2314	.01112	.05428	.01602
#2	142.99	.00666	.13996	2.2261	.01092	.05317	.01625

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1539.0	.22432	.11073	.12539	311.72	.12168	.14255
SDev	15.5	.00290	.00130	.00125	2.84	.00005	.00131
%RSD	1.0063	1.2916	1.1752	.99708	.90956	.04273	.91955
#1	1550.0	.22637	.11165	.12627	313.73	.12164	.14348
#2	1528.1	.22227	.10981	.12450	309.72	.12171	.14163

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02799	27.503	4.0853	.00575	.19442	23.985	8.9448
SDev	.00355	.231	.0340	.00047	.00064	.027	.0501
%RSD	12.676	.84118	.83264	8.1158	.33108	.11197	.55960
#1	-.02548	27.667	4.1094	.00608	.19487	23.966	8.9802
#2	-.03049	27.340	4.0613	.00542	.19396	24.004	8.9094

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00276	2.5633	2.8558	.54264	.00813	.03548	.29199
SDev	.00038	.0557	.0066	.00115	.00093	.00001	.00230
%RSD	13.953	2.1735	.22981	.21264	11.397	.03064	.78755
#1	-.00249	2.5239	2.8511	.54346	.00747	.03547	.29361
#2	-.00303	2.6027	2.8604	.54183	.00878	.03548	.29036

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91984	.43632	.10891	.15937	-.02310	-.03043
SDev	.00687	.00420	.00771	.00582	.00321	.00693
%RSD	.74676	.96194	7.0822	3.6536	13.898	22.761

#1	.92469	.43929	.10346	.16349	-.02537	-.02553
#2	.91498	.43335	.11436	.15526	-.02083	-.03533

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28517	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0892655	--	--	--	--	--	--

Analysis Report 01/25/12 04:00:03 PM page 2

#1	28535	--	--	--	--	--
#2	28499	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49129-a-6-b Operator: SRP
Run Time: 01/25/12 16:00:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	166.04	.86326	.90936	1.7082	.42466	.94222	.42893
SDev	.04	.00291	.00056	.0013	.00148	.00244	.00158
%RSD	.02426	.33735	.06205	.07462	.34968	.25855	.36811
#1	166.02	.86120	.90896	1.7073	.42571	.94395	.43004
#2	166.07	.86531	.90976	1.7091	.42361	.94050	.42781

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.04	1.0674	.93685	1.0556	253.25	1.1198	1.0914
SDev	.36	.0036	.00328	.0014	.84	.0024	.0013
%RSD	.32305	.33409	.35042	.12961	.32992	.21528	.11822
#1	111.29	1.0699	.93917	1.0565	253.84	1.1181	1.0923
#2	110.78	1.0649	.93453	1.0546	252.66	1.1215	1.0905

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80697	60.969	3.0574	.85883	1.1136	34.110	7.7256
SDev	.00231	.210	.0079	.00057	.0033	.133	.0187
%RSD	.28626	.34474	.25925	.06660	.29257	.39049	.24193
#1	.80861	61.117	3.0630	.85843	1.1159	34.015	7.7388
#2	.80534	60.820	3.0517	.85924	1.1112	34.204	7.7124

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42888	17.978	18.974	1.1067	.85816	.89236	1.7628
SDev	.00157	.150	.052	.0008	.00311	.00701	.0020
%RSD	.36511	.83530	.27524	.07472	.36197	.78582	.11569
#1	.42999	18.084	18.937	1.1061	.86036	.89732	1.7643
#2	.42777	17.872	19.011	1.1073	.85597	.88740	1.7614

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.2611	1.8690	1.0438	1.1152	.79819	.81137
SDev	.0022	.0054	.0053	.0046	.01059	.00876
%RSD	.17356	.29073	.51020	.41231	1.3265	1.0795
#1	1.2627	1.8729	1.0400	1.1184	.79070	.81756
#2	1.2596	1.8652	1.0476	1.1119	.80568	.80517

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 04:03:54 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30768	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.1953492	--	--	--	--	--	--
#1	30810	--	--	--	--	--	--
#2	30725	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49129-a-6-b@5 Operator: SRP
Run Time: 01/25/12 16:03:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.661	.00314	.01385	.21498	.00256	.02257	.00095
SDev	.073	.00121	.00017	.00016	.00001	.00030	.00016
%RSD	.18521	38.487	1.1956	.07432	.30812	1.3320	17.168
#1	39.610	.00400	.01373	.21487	.00256	.02278	.00083
#2	39.713	.00229	.01397	.21510	.00255	.02236	.00106

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.352	.05853	.02811	.04865	63.106	.04554	.06639
SDev	.230	.00029	.00050	.00004	.116	.00009	.00045
%RSD	.84265	.48861	1.7859	.08763	.18348	.19041	.67131
#1	27.189	.05874	.02847	.04862	63.188	.04547	.06607
#2	27.515	.05833	.02776	.04868	63.024	.04560	.06670

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00285	13.784	.58488	.00283	.07374	5.7202	1.7946
SDev	.00257	.031	.00125	.00106	.00102	.0019	.0037
%RSD	90.168	.22387	.21432	37.348	1.3785	.03340	.20889
#1	-.00467	13.806	.58576	.00357	.07302	5.7189	1.7972
#2	-.00103	13.762	.58399	.00208	.07446	5.7216	1.7919

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	2.0680	2.1099	.16843	.00235	.01078	.23381
SDev	.00009	.0100	.0091	.00003	.00505	.00070	.00046
%RSD	8.2424	.48351	.43227	.01834	214.95	6.4857	.19735
#1	-.00100	2.0750	2.1034	.16846	.00591	.01029	.23414
#2	-.00113	2.0609	2.1163	.16841	-.00122	.01128	.23349

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10688	.27442	.06107	.06904	-.00476	-.00189
SDev	.00047	.00002	.00078	.00106	.00205	.00283
%RSD	.44351	.00887	1.2740	1.5316	42.961	149.55
#1	.10722	.27444	.06162	.06830	-.00621	-.00389

#2	.10655	.27441	.06052	.06979	-.00332	.00011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28501	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0297719	--	--	--	--	--	--
#1	28495	--	--	--	--	--	--
#2	28507	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 16:07:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5010	.50352	.50245	.50228	.49986	.50097	.51637
SDev	.0051	.00030	.00471	.00079	.00061	.00100	.00131
%RSD	.20574	.05954	.93758	.15780	.12135	.19942	.25364
#1	2.4973	.50374	.49912	.50284	.49943	.50027	.51544
#2	2.5046	.50331	.50578	.50172	.50029	.50168	.51730

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.730	.49774	.50020	.49203	2.6027	.46897	.50687
SDev	.086	.00104	.00054	.00050	.0133	.00037	.00158
%RSD	.67701	.20903	.10881	.10127	.51042	.07815	.31184
#1	12.669	.49701	.49981	.49238	2.5933	.46923	.50575
#2	12.791	.49848	.50058	.49167	2.6121	.46871	.50798

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50575	5.0297	.49573	.51080	.50775	12.092	.95843
SDev	.00068	.0145	.00056	.00417	.00148	.002	.00182
%RSD	.13512	.28864	.11249	.81741	.29076	.01430	.18961
#1	.50624	5.0195	.49533	.50785	.50671	12.091	.95971
#2	.50527	5.0400	.49612	.51376	.50880	12.093	.95714

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24912	12.620	11.933	.25079	.51329	.52373	.50630
SDev	.00006	.024	.007	.00018	.00056	.00311	.00003
%RSD	.02193	.18956	.06267	.07381	.10895	.59409	.00505

#1	.24908	12.603	11.928	.25092	.51289	.52153	.50628
#2	.24916	12.637	11.939	.25066	.51369	.52593	.50632

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50211	.51797	.49980	.51040	.49759	.50989

Analysis Report Blank Sample 01/25/12 04:11:36 PM page 5

SDev	.00026	.00070	.00177	.00149	.00137	.00034
%RSD	.05096	.13467	.35311	.29164	.27592	.06641
#1	.50192	.51748	.49855	.50935	.49856	.51013
#2	.50229	.51847	.50104	.51145	.49662	.50965

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27692	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1685290	--	--	--	--	--	--
#1	27725	--	--	--	--	--	--
#2	27659	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 16:11:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01938	.00197	.00095	.00035	.00024	.00181	.00046
SDev	.00609	.00097	.00123	.00010	.00005	.00019	.00012
%RSD	31.435	49.207	130.73	28.442	19.394	10.447	26.738
#1	.01507	.00129	.00007	.00028	.00021	.00168	.00037
#2	.02369	.00266	.00182	.00042	.00027	.00194	.00055

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04601	.00016	.00068	-.00007	.02538	.00050	.00094
SDev	.01721	.00001	.00050	.00029	.01582	.00012	.00023
%RSD	37.400	3.1334	73.518	413.53	62.311	23.710	24.133
#1	.03384	.00016	.00033	-.00027	.01420	.00042	.00078
#2	.05818	.00017	.00103	.00013	.03656	.00059	.00111

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.02601	.00041	.00202	.00032	.08584	-.00082
SDev	.00255	.00592	.00017	.00046	.00015	.03154	.00133
%RSD	463.05	22.768	41.472	22.843	48.211	36.747	163.03
#1	-.00125	.02183	.00029	.00235	.00021	.06353	-.00176
#2	.00235	.03020	.00053	.00170	.00042	.10814	.00012

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.12654	.01513	.00022	.00328	.00081	.00041
SDev	.00042	.09152	.00337	.00005	.00050	.00166	.00019

%RSD	98.674	72.323	22.260	24.689	15.344	204.00	45.752
#1	.00013	.06183	.01275	.00018	.00293	.00199	.00028
#2	.00072	.19126	.01751	.00025	.00364	-.00036	.00054

Analysis Report Blank Sample 01/25/12 04:15:28 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00037	.00323	-.00020	.00184	-.00009
SDev	.00009	.00008	.00193	.00062	.00108	.00328
%RSD	107.49	21.264	59.655	315.78	58.805	3514.9
#1	.00015	.00032	.00187	.00024	.00107	-.00241
#2	.00002	.00043	.00459	-.00064	.00260	.00223

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27894	--	--	--	--	--	--
SDev	267.2864	--	--	--	--	--	--
%RSD	.9582217	--	--	--	--	--	--
#1	28083	--	--	--	--	--	--
#2	27705	--	--	--	--	--	--

Analysis Report 01/25/12 04:20:09 PM page 1

Method: 20076010 Sample Name: mb 600-70836/1-a Operator: SRP
Run Time: 01/25/12 16:16:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00726	-.00044	-.00037	.00129	.00002	.00047	.00027
SDev	.00400	.00174	.00114	.00015	.00014	.00052	.00010
%RSD	55.135	396.39	309.42	12.009	761.95	109.06	38.402
#1	.00443	.00079	.00044	.00118	-.00008	.00084	.00019
#2	.01009	-.00167	-.00117	.00140	.00011	.00011	.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04269	-.00016	.00059	.01367	.02997	.00026	.00155
SDev	.02622	.00005	.00013	.00005	.00606	.00009	.00026
%RSD	61.419	31.554	21.412	.39265	20.218	34.306	16.557
#1	.02415	-.00019	.00050	.01371	.03426	.00020	.00137
#2	.06124	-.00012	.00068	.01363	.02569	.00032	.00173

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.01364	.00035	-.00006	.00052	.05525	-.00035
SDev	.00106	.00196	.00014	.00048	.00004	.01373	.00067
%RSD	703.82	14.370	39.149	814.35	8.3878	24.848	190.66
#1	.00090	.01503	.00025	.00028	.00049	.06496	.00012
#2	-.00060	.01226	.00045	-.00040	.00055	.04555	-.00082

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.12707	.05487	.00013	.00150	.00299	.00023
SDev	.00021	.00351	.00201	.00007	.00085	.00026	.00026
%RSD	76.023	2.7612	3.6695	54.204	56.567	8.7933	115.22
#1	.00042	.12458	.05344	.00008	.00209	.00280	.00004
#2	.00013	.12955	.05629	.00018	.00090	.00317	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.04739	.00276	.00095	-.00155	.00100
SDev	.00027	.00007	.00142	.00110	.00206	.00057
%RSD	428.04	.13949	51.666	115.61	132.60	56.637
#1	.00025	.04734	.00376	.00017	-.00010	.00140
#2	-.00013	.04744	.00175	.00173	-.00300	.00060

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28011	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.1262195	--	--	--	--	--	--

#1	27986	--	--	--	--	--	--
#2	28036	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-70836/2-a Operator: SRP
Run Time: 01/25/12 16:20:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9247	1.0129	1.0213	1.0240	.50559	1.0231	.52026
SDev	.0328	.0037	.0068	.0037	.00169	.0004	.00190
%RSD	.33008	.36126	.66249	.35656	.33467	.03551	.36576
#1	9.9479	1.0155	1.0260	1.0266	.50679	1.0234	.52161
#2	9.9016	1.0103	1.0165	1.0214	.50440	1.0228	.51892

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.249	1.0047	1.0132	1.0057	10.341	.47180	1.0217
SDev	.036	.0045	.0032	.0042	.047	.00164	.0044
%RSD	.34988	.44526	.31322	.41674	.45142	.34684	.42790
#1	10.274	1.0079	1.0155	1.0087	10.374	.47296	1.0248
#2	10.223	1.0015	1.0110	1.0028	10.308	.47065	1.0186

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0207	10.090	1.0035	1.0302	1.0176	9.8742	.95110
SDev	.0017	.031	.0035	.0009	.0079	.0436	.00426
%RSD	.16357	.30467	.35221	.08846	.77418	.44112	.44753

#1	1.0219	10.112	1.0060	1.0295	1.0232	9.9050	.95410
#2	1.0195	10.069	1.0010	1.0308	1.0120	9.8434	.94809

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50841	9.8313	9.8151	.51174	1.0442	1.0219	1.0170
SDev	.00118	.2040	.0254	.00221	.0019	.0041	.0037
%RSD	.23233	2.0746	.25877	.43187	.18108	.39991	.36711
#1	.50924	9.9756	9.8331	.51330	1.0429	1.0248	1.0197
#2	.50757	9.6871	9.7971	.51018	1.0456	1.0190	1.0144

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0151	1.0705	1.0023	1.0315	1.0113	1.0254
SDev	.0037	.0038	.0091	.0020	.0034	.0008
%RSD	.36842	.35102	.90972	.19381	.33955	.07678
#1	1.0178	1.0732	1.0087	1.0329	1.0137	1.0260
#2	1.0125	1.0679	.99581	1.0300	1.0089	1.0249

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 04:24:00 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27688	--	--	--	--	--	--
SDev	34.64823	--	--	--	--	--	--
%RSD	.1251403	--	--	--	--	--	--
#1	27663	--	--	--	--	--	--
#2	27712	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-70806/1-b Operator: SRP
Run Time: 01/25/12 16:24:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01991	.00182	.00225	.00494	-.00016	.00895	.00017
SDev	.00063	.00118	.00121	.00004	.00003	.00025	.00010
%RSD	3.1645	65.122	53.902	.81760	18.905	2.8069	60.984
#1	.01946	.00098	.00311	.00497	-.00014	.00878	.00010
#2	.02036	.00265	.00139	.00491	-.00019	.00913	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18351	.00008	.00036	.00827	.00591	.00025	.00065
SDev	.00113	.00033	.00052	.00022	.00809	.00002	.00086
%RSD	.61360	395.37	142.48	2.7100	136.94	6.9240	132.30
#1	.18271	-.00015	-.00000	.00811	.00019	.00026	.00126
#2	.18430	.00032	.00073	.00842	.01163	.00024	.00004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00215	.02503	.00044	.00246	.00067	.07493	.01225
SDev	.00032	.00206	.00003	.00214	.00000	.00114	.00049
%RSD	14.966	8.2300	6.1127	87.006	.02092	1.5216	4.0217
#1	.00238	.02648	.00046	.00398	.00067	.07573	.01260
#2	.00192	.02357	.00042	.00095	.00067	.07412	.01190

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	169.73	129.99	.00049	.00394	.00318	.00026
SDev	.00034	.49	.30	.00000	.00442	.00008	.00003
%RSD	254.53	.28590	.22785	.85247	111.98	2.4741	11.229
#1	-.00011	170.07	130.20	.00049	.00707	.00324	.00028
#2	.00037	169.39	129.78	.00049	.00082	.00312	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.02985	.00173	.00011	.00001	.00322
SDev	.00002	.00008	.00248	.00005	.00192	.00144
%RSD	6.7568	.27321	143.45	44.577	15677.	44.775
#1	.00030	.02979	.00348	.00014	-.00134	.00424

#2	.00027	.02991	-.00002	.00008	.00137	.00220

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27264	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2230457	--	--	--	--	--	--
#1	27307	--	--	--	--	--	--
#2	27221	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49190-a-1-c Operator: SRP
Run Time: 01/25/12 16:27:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01740	-.00119	.00165	.07900	-.00020	.01240	.00027
SDev	.00386	.00152	.00054	.00015	.00001	.00131	.00003
%RSD	22.195	127.70	32.522	.19341	2.4921	10.573	11.614
#1	.01467	-.00227	.00204	.07910	-.00021	.01148	.00029
#2	.02013	-.00012	.00127	.07889	-.00020	.01333	.00025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.768	.00097	.00112	.00154	.03493	.00080	.00111
SDev	.327	.00011	.00004	.00026	.00261	.00008	.00052
%RSD	.51304	11.198	3.8983	16.551	7.4686	10.340	46.429
#1	63.537	.00090	.00115	.00136	.03677	.00074	.00147
#2	64.000	.00105	.00109	.00172	.03309	.00085	.00075

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.97142	.16630	.00112	.00304	.56981	1.5257
SDev	.00118	.00617	.00050	.00018	.00027	.03028	.0038
%RSD	74.085	.63477	.30262	16.187	8.7432	5.3137	.24612
#1	.00076	.96706	.16594	.00099	.00323	.54840	1.5230
#2	.00242	.97578	.16666	.00124	.00285	.59122	1.5283

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	146.21	115.54	.09735	.00101	.00394	-.00023
SDev	.00031	.02	.07	.00011	.00078	.00141	.00002
%RSD	57.037	.01119	.06007	.11158	77.713	35.692	8.3790
#1	.00076	146.23	115.49	.09742	.00156	.00295	-.00022
#2	.00032	146.20	115.59	.09727	.00045	.00493	-.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	.03065	.00425	-.00046	-.00159	.00317

SDev	.00020	.00015	.00199	.00022	.00144	.00249
%RSD	8.4026	.49004	46.872	48.474	91.052	78.323
#1	.00219	.03055	.00566	-.00062	-.00056	.00142
#2	.00247	.03076	.00284	-.00030	-.00261	.00493

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27134	--	--	--	--	--	--
SDev	132.9361	--	--	--	--	--	--
%RSD	.4899244	--	--	--	--	--	--
#1	27228	--	--	--	--	--	--
#2	27040	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49190-a-1-d ms Operator: SRP
Run Time: 01/25/12 16:31:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.187	1.0363	1.0466	1.0867	.51015	1.0597	.51772
SDev	.020	.0008	.0044	.0003	.00013	.0002	.00009
%RSD	.19915	.08127	.42288	.02833	.02578	.01503	.01654
#1	10.173	1.0369	1.0435	1.0869	.51024	1.0598	.51778
#2	10.201	1.0357	1.0497	1.0865	.51005	1.0596	.51766

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.126	1.0023	1.0114	1.0071	10.252	.53206	1.0269
SDev	.039	.0008	.0013	.0008	.024	.00028	.0009
%RSD	.05294	.07676	.12368	.08262	.23676	.05345	.09233
#1	74.098	1.0017	1.0105	1.0065	10.269	.53186	1.0275

#2	74.153	1.0028	1.0122	1.0077	10.234	.53226	1.0262

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0625	10.961	1.1611	1.0464	1.0078	12.874	2.5771
SDev	.0018	.018	.0000	.0041	.0076	.009	.0080
%RSD	.17285	.16301	.00380	.39154	.75213	.06778	.30884
#1	1.0612	10.949	1.1612	1.0435	1.0131	12.880	2.5715
#2	1.0638	10.974	1.1611	1.0493	1.0024	12.868	2.5827

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51416	159.08	125.14	.60410	1.0669	1.0463	1.0182
SDev	.00066	.22	.15	.00023	.0101	.0012	.0003
%RSD	.12854	.14114	.12266	.03834	.94987	.11448	.02470
#1	.51370	158.92	125.03	.60426	1.0597	1.0455	1.0183
#2	.51463	159.24	125.25	.60393	1.0740	1.0472	1.0180

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0236	1.0839	1.0076	1.0365	1.0531	1.0673
SDev	.0004	.0005	.0028	.0000	.0064	.0059
%RSD	.03825	.04391	.28029	.00097	.60386	.55606
#1	1.0238	1.0836	1.0096	1.0365	1.0576	1.0631
#2	1.0233	1.0843	1.0056	1.0365	1.0486	1.0715

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27369	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1705179	--	--	--	--	--	--
#1	27402	--	--	--	--	--	--
#2	27336	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49190-a-1-e msd Operator: SRP
Run Time: 01/25/12 16:35:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.140	1.0272	1.0333	1.0837	.49946	1.0489	.50537
SDev	.123	.0111	.0139	.0148	.00624	.0138	.00656
%RSD	1.2145	1.0854	1.3462	1.3674	1.2504	1.3155	1.2983
#1	10.227	1.0350	1.0431	1.0941	.50387	1.0587	.51001
#2	10.053	1.0193	1.0235	1.0732	.49504	1.0392	.50073

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.353	.98116	.99059	1.0022	10.038	.53274	1.0060
SDev	.845	.01292	.01269	.0138	.130	.00728	.0126
%RSD	1.1678	1.3167	1.2809	1.3798	1.2948	1.3658	1.2545

#1	72.950	.99030	.99956	1.0120	10.129	.53788	1.0149
#2	71.755	.97203	.98162	.99241	9.9457	.52759	.99706

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0517	10.741	1.1382	1.0336	.97093	12.860	2.5502
SDev	.0085	.133	.0139	.0115	.01056	.167	.0321
%RSD	.81085	1.2352	1.2221	1.1131	1.0877	1.2959	1.2588
#1	1.0577	10.834	1.1481	1.0418	.97840	12.977	2.5729
#2	1.0457	10.647	1.1284	1.0255	.96346	12.742	2.5275

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50799	158.59	125.12	.60081	1.0532	1.0235	1.0070
SDev	.00727	2.07	1.38	.00796	.0172	.0109	.0136

%RSD	1.4320	1.3035	1.1063	1.3251	1.6348	1.0686	1.3513
#1	.51313	160.05	126.10	.60644	1.0654	1.0312	1.0166
#2	.50285	157.13	124.14	.59518	1.0411	1.0158	.99739

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0072	1.0619	.98482	1.0166	1.0448	1.0551
SDev	.0132	.0127	.01079	.0135	.0080	.0088
%RSD	1.3102	1.1984	1.0955	1.3315	.76457	.83377
#1	1.0166	1.0709	.99245	1.0261	1.0505	1.0614
#2	.99791	1.0529	.97719	1.0070	1.0392	1.0489

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27320	--	--	--	--	--	--
SDev	183.1407	--	--	--	--	--	--
%RSD	.6703415	--	--	--	--	--	--
#1	27191	--	--	--	--	--	--
#2	27450	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-b-9-b Operator: SRP
Run Time: 01/25/12 16:39:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78280	.00068	.00311	.01420	-.00011	.06519	.00089
SDev	.00309	.00109	.00234	.00004	.00003	.00070	.00025
%RSD	.39441	161.30	75.422	.28166	24.354	1.0672	27.936
#1	.78062	.00145	.00477	.01418	-.00009	.06568	.00107
#2	.78499	-.00010	.00145	.01423	-.00013	.06469	.00071

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.038	.00082	.00076	.00415	.68934	.00585	.08052

SDev	.033	.00003	.00055	.00032	.01826	.00002	.00034
%RSD	.29552	3.5481	72.408	7.6306	2.6487	.35594	.42312
#1	11.061	.00080	.00115	.00392	.70225	.00584	.08028
#2	11.015	.00084	.00037	.00437	.67643	.00587	.08076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00531	.93022	.05672	.00410	.00121	1.7727	1.7258
SDev	.00123	.00109	.00019	.00207	.00011	.0187	.0027
%RSD	23.171	.11684	.34287	50.541	9.2696	1.0526	.15891
#1	.00444	.92945	.05686	.00556	.00129	1.7595	1.7278
#2	.00618	.93099	.05658	.00263	.00113	1.7859	1.7239

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	29.255	26.411	.10016	.00462	.00195	.02881
SDev	.00058	.232	.258	.00001	.00377	.00083	.00038
%RSD	101.30	.79387	.97838	.01379	81.710	42.596	1.3299
#1	.00098	29.090	26.228	.10015	.00728	.00136	.02908
#2	.00016	29.419	26.594	.10017	.00195	.00253	.02854

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00193	.01974	.08127	.08014	.00797	.00398
SDev	.00016	.00007	.00026	.00064	.00203	.00083
%RSD	8.5666	.36697	.31790	.79889	25.519	20.823
#1	.00181	.01979	.08145	.07969	.00653	.00340
#2	.00205	.01969	.08109	.08060	.00940	.00457

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27705	--	--	--	--	--	--
SDev	94.75231	--	--	--	--	--	--
%RSD	.3420044	--	--	--	--	--	--
#1	27772	--	--	--	--	--	--
#2	27638	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49145-a-4-d Operator: SRP
Run Time: 01/25/12 16:43:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02297	.00051	.00356	.03895	-.00015	.03433	.00006
SDev	.00236	.00017	.00037	.00010	.00002	.00043	.00004
%RSD	10.284	32.647	10.503	.24764	13.584	1.2518	62.953
#1	.02130	.00063	.00383	.03902	-.00016	.03464	.00003
#2	.02464	.00039	.00330	.03889	-.00013	.03403	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.923	-.00015	.00133	.00341	.75186	.00108	.00093
SDev	.232	.00010	.00009	.00002	.01704	.00007	.00066
%RSD	1.1065	65.678	6.3975	.52928	2.2663	6.1793	70.594
#1	21.087	-.00008	.00139	.00340	.76391	.00113	.00139
#2	20.760	-.00023	.00127	.00342	.73981	.00104	.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	1.4850	.06286	.00076	.00148	2.0365	.69768
SDev	.00130	.0210	.00075	.00028	.00040	.0374	.00283
%RSD	320.48	1.4143	1.1893	36.477	26.851	1.8366	.40618

#1	.00133	1.4998	.06339	.00057	.00176	2.0630	.69568
#2	-.00051	1.4701	.06233	.00096	.00120	2.0101	.69968

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	139.75	110.59	.06568	.00045	.00211	.00004
SDev	.00023	.66	.65	.00028	.00280	.00155	.00003
%RSD	77.107	.47290	.58494	.42007	619.32	73.621	86.197
#1	-.00014	140.21	111.05	.06587	-.00153	.00101	.00002
#2	-.00047	139.28	110.13	.06548	.00243	.00321	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.02017	.00164	.00058	.00174	-.00026
SDev	.00009	.00011	.00103	.00047	.00574	.00092
%RSD	13.228	.53823	62.642	81.846	329.80	351.53
#1	.00076	.02024	.00236	.00091	.00580	-.00091
#2	.00063	.02009	.00091	.00024	-.00232	.00039

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27808	--	--	--	--	--	--
SDev	195.8686	--	--	--	--	--	--
%RSD	.7043732	--	--	--	--	--	--
#1	27669	--	--	--	--	--	--
#2	27946	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49245-c-1-b Operator: SRP
Run Time: 01/25/12 16:47:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02821	-.00026	.00187	.05107	-.00021	.01249	.00010
SDev	.00504	.00132	.00177	.00009	.00001	.00073	.00025
%RSD	17.877	506.14	94.834	.17768	6.6533	5.8605	248.00
#1	.03177	.00067	.00312	.05113	-.00020	.01300	.00028
#2	.02464	-.00120	.00061	.05100	-.00022	.01197	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.252	-.00051	.00057	.00032	.03446	.00062	.00046
SDev	.293	.00041	.00065	.00057	.03208	.00003	.00016
%RSD	.50222	79.988	112.97	181.35	93.088	5.5776	36.004
#1	58.459	-.00022	.00103	.00072	.05714	.00064	.00058
#2	58.045	-.00080	.00012	-.00009	.01178	.00060	.00034

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	3.2813	.09166	.00037	.00092	.16463	.34069
SDev	.00062	.0176	.00018	.00012	.00038	.01591	.00499
%RSD	1282.1	.53757	.19512	31.062	40.634	9.6654	1.4646
#1	.00049	3.2937	.09178	.00029	.00119	.17588	.34422
#2	-.00039	3.2688	.09153	.00045	.00066	.15338	.33716

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	166.25	128.98	.08599	-.00028	.00298	.00000
SDev	.00071	.29	.13	.00003	.00115	.00042	.00016
%RSD	405.96	.17277	.10132	.03075	405.05	13.988	4039.1
#1	.00068	166.45	129.07	.08597	.00053	.00268	.00012
#2	-.00033	166.04	128.88	.08601	-.00110	.00327	-.00011

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.01054	.00405	-.00134	.00040	-.00013
SDev	.00036	.00011	.00199	.00075	.00334	.00074
%RSD	148.26	1.0721	49.041	55.734	827.85	571.38
#1	.00001	.01062	.00546	-.00187	.00277	-.00065
#2	-.00050	.01046	.00265	-.00081	-.00196	.00039

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27176	--	--	--	--	--	--
SDev	53.03301	--	--	--	--	--	--
%RSD	.1951429	--	--	--	--	--	--
#1	27139	--	--	--	--	--	--
#2	27214	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49265-a-1-c Operator: SRP
Run Time: 01/25/12 16:51:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22365	.74790	.01277	.02077	-.00013	.00811	-.00011
SDev	.00024	.00230	.00251	.00005	.00001	.00024	.00023
%RSD	.10574	.30769	19.680	.22977	9.5760	2.9660	221.06

#1	.22348	.74953	.01455	.02081	-.00012	.00828	.00006
#2	.22381	.74628	.01099	.02074	-.00014	.00794	-.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70495	-.00017	.00045	.00044	.14685	.00381	.00133
SDev	.00550	.00013	.00039	.00020	.02750	.00000	.00036
%RSD	.78013	76.313	86.754	46.318	18.729	.10364	27.088

Analysis Report 01/25/12 04:54:49 PM page 11

#1	.70884	-.00026	.00072	.00029	.16630	.00382	.00159
#2	.70106	-.00008	.00017	.00058	.12740	.00381	.00108

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	2.6001	.00654	.00050	.00571	3.4341	.23808
SDev	.00126	.0120	.00005	.00006	.00010	.0139	.00034
%RSD	197.12	.45962	.70804	11.902	1.7452	.40363	.14279

#1	.00153	2.6086	.00657	.00045	.00578	3.4439	.23832
#2	-.00025	2.5917	.00651	.00054	.00564	3.4243	.23784

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	171.22	131.67	.00628	-.00033	.00185	.00057
SDev	.00040	1.03	.52	.00001	.00016	.00042	.00002
%RSD	393.82	.60300	.39774	.07670	48.602	22.847	3.5771

#1	.00018	171.95	132.04	.00628	-.00022	.00155	.00058
#2	-.00039	170.49	131.30	.00629	-.00045	.00215	.00056

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10175	.00908	.00067	.00166	-.00105	.00148
SDev	.00021	.00003	.00210	.00051	.00293	.00042
%RSD	.20436	.34593	311.13	30.625	280.27	28.433

#1	.10190	.00910	.00216	.00130	.00103	.00178
#2	.10161	.00906	-.00081	.00202	-.00312	.00118

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27179	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.1508966	--	--	--	--	--	--

#1	27208	--	--	--	--	--	--
#2	27150	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 16:54:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2.4907	.50787	.50507	.50405	.50238	.50461	.52251
SDev	.0056	.00379	.00440	.00044	.00272	.00232	.00367
%RSD	.22446	.74620	.87049	.08829	.54079	.46039	.70238
#1	2.4946	.51055	.50818	.50374	.50430	.50625	.52510
#2	2.4867	.50519	.50196	.50437	.50045	.50297	.51991

Analysis Report Blank Sample 01/25/12 04:58:40 PM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.816	.50133	.50281	.49208	2.6263	.46928	.51083
SDev	.098	.00255	.00332	.00078	.0420	.00008	.00326
%RSD	.76654	.50775	.66049	.15902	1.5975	.01737	.63813
#1	12.886	.50313	.50516	.49152	2.6560	.46934	.51313
#2	12.747	.49953	.50046	.49263	2.5967	.46922	.50852

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50957	5.0572	.49996	.51240	.49052	12.114	.94820
SDev	.00453	.0384	.00282	.00084	.00267	.006	.00322
%RSD	.88804	.75904	.56444	.16362	.54486	.05276	.33977
#1	.51277	5.0843	.50196	.51299	.49241	12.119	.95048
#2	.50637	5.0300	.49797	.51181	.48863	12.110	.94593

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25024	12.534	11.902	.25251	.51835	.53332	.50909
SDev	.00087	.125	.009	.00003	.00373	.00167	.00105
%RSD	.34738	.99984	.07488	.01271	.71894	.31222	.20588
#1	.25085	12.623	11.908	.25249	.52098	.53449	.50983
#2	.24962	12.446	11.896	.25253	.51571	.53214	.50835

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50559	.52426	.50095	.51576	.50593	.51145
SDev	.00165	.00248	.00539	.00219	.00898	.00230
%RSD	.32644	.47217	1.0762	.42536	1.7743	.44965
#1	.50675	.52601	.50476	.51732	.51228	.51308
#2	.50442	.52251	.49714	.51421	.49958	.50982

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27390	--	--	--	--	--	--
SDev	193.0402	--	--	--	--	--	--
%RSD	.7047962	--	--	--	--	--	--
#1	27253	--	--	--	--	--	--
#2	27526	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 16:58:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02206	.00176	.00103	.00030	.00015	.00125	.00032
SDev	.00067	.00049	.00014	.00003	.00005	.00010	.00008

%RSD	3.0333	27.975	13.114	9.3433	33.239	7.9110	24.158
#1	.02254	.00211	.00113	.00028	.00012	.00132	.00026
#2	.02159	.00142	.00094	.00032	.00019	.00118	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02696	-.00003	.00079	-.00042	.01975	.00046	.00033
SDev	.00163	.00023	.00026	.00016	.00058	.00009	.00051
%RSD	6.0573	819.78	32.240	37.098	2.9583	20.140	157.01
#1	.02580	.00013	.00061	-.00031	.02017	.00039	-.00004
#2	.02811	-.00019	.00097	-.00053	.01934	.00053	.00069

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00352	.02401	.00030	.00132	.00086	.07629	-.00513
SDev	.00361	.00462	.00000	.00049	.00021	.02189	.00101
%RSD	102.49	19.243	.34580	36.676	24.695	28.695	19.660
#1	.00607	.02074	.00030	.00167	.00071	.06081	-.00441
#2	.00097	.02728	.00030	.00098	.00101	.09177	-.00584

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.13445	.01611	.00018	.00183	.00338	.00027
SDev	.00015	.07807	.00257	.00001	.00483	.00010	.00006
%RSD	42.923	58.064	15.980	3.9113	262.97	2.8632	21.441
#1	.00025	.07925	.01429	.00018	.00525	.00345	.00031
#2	.00046	.18965	.01793	.00019	-.00158	.00331	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00023	.00476	-.00189	.00385	.00336
SDev	.00009	.00013	.00409	.00127	.00096	.00589
%RSD	41.328	54.859	85.744	67.308	24.953	175.57
#1	.00015	.00014	.00188	-.00099	.00317	.00753
#2	.00027	.00032	.00765	-.00279	.00453	-.00081

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27494	--	--	--	--	--	--
SDev	77.78175	--	--	--	--	--	--
%RSD	.2829044	--	--	--	--	--	--
#1	27549	--	--	--	--	--	--
#2	27439	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-8-b Operator: SRP

Run Time: 01/25/12 17:02:35
Comment: TRACE 61E

Analysis Report 01/25/12 05:06:23 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05441	.00084	.00151	.04980	-.00021	.01328	.00046
SDev	.00246	.00046	.00281	.00006	.00009	.00016	.00009
%RSD	4.5235	54.714	186.41	.11978	40.448	1.1716	20.163
#1	.05615	.00116	.00349	.04976	-.00027	.01339	.00052
#2	.05267	.00051	-.00048	.04984	-.00015	.01317	.00039

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.687	.00007	.00044	.00711	.04682	.00197	.00226
SDev	.541	.00037	.00039	.00016	.01596	.00001	.00083
%RSD	.63907	492.24	88.499	2.3183	34.097	.34242	36.770
#1	85.070	.00033	.00072	.00723	.05811	.00198	.00167
#2	84.304	-.00018	.00016	.00700	.03553	.00197	.00284

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	1.2925	.02274	.00052	.00101	1.7255	.47629
SDev	.00403	.0129	.00014	.00026	.00050	.0240	.00850
%RSD	421.93	.99904	.61963	50.087	49.246	1.3928	1.7835
#1	.00189	1.3017	.02284	.00034	.00066	1.7425	.48229
#2	-.00380	1.2834	.02264	.00071	.00136	1.7085	.47028

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	170.52	132.38	.28395	-.00039	.00284	.00066
SDev	.00050	.04	.23	.00009	.00083	.00033	.00022
%RSD	99.962	.02233	.17736	.03285	209.89	11.689	33.918
#1	.00085	170.55	132.55	.28389	.00019	.00308	.00082
#2	.00015	170.50	132.22	.28402	-.00098	.00261	.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.02227	.00510	.00083	.00024	-.00155
SDev	.00028	.00000	.00027	.00111	.00379	.00415
%RSD	32.449	.01970	5.2352	133.24	1574.1	267.10
#1	.00106	.02228	.00491	.00005	.00292	.00138
#2	.00066	.02227	.00529	.00162	-.00244	-.00448

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26799	--	--	--	--	--	--
SDev	165.4630	--	--	--	--	--	--
%RSD	.6174222	--	--	--	--	--	--
#1	26682	--	--	--	--	--	--

#2	26916	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49263-b-1-b Operator: SRP
Run Time: 01/25/12 17:06:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09206	.00041	.00014	.13481	-.00020	.00941	.00085
SDev	.00221	.00095	.00095	.00009	.00001	.00050	.00006
%RSD	2.4004	231.14	674.67	.06956	4.8684	5.3314	7.3681
#1	.09362	-.00026	-.00053	.13475	-.00020	.00906	.00081
#2	.09049	.00109	.00081	.13488	-.00019	.00977	.00090

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.283	-.00026	.00045	.00055	.06521	.00075	.00021
SDev	.102	.00005	.00013	.00029	.00580	.00002	.00012
%RSD	.13873	19.905	28.487	52.602	8.8931	3.1194	56.126
#1	73.355	-.00029	.00036	.00076	.06931	.00073	.00029
#2	73.211	-.00022	.00054	.00035	.06111	.00076	.00013

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	2.0206	.13415	.00091	.00072	.48474	.38112
SDev	.00123	.0058	.00013	.00017	.00005	.00284	.00187
%RSD	191.20	.28552	.09797	19.020	7.4351	.58549	.48991
#1	.00152	2.0165	.13424	.00103	.00076	.48273	.38244
#2	-.00023	2.0246	.13405	.00079	.00068	.48675	.37980

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	172.43	132.95	.12819	-.00156	.00261	.00370
SDev	.00019	.30	.15	.00014	.00262	.00195	.00260
%RSD	57.077	.17254	.11060	.10665	167.92	74.987	70.279
#1	.00046	172.64	133.05	.12810	-.00342	.00399	.00186
#2	.00019	172.22	132.84	.12829	.00029	.00122	.00555

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	2.5172	.00423	-.00180	.00459	-.00132
SDev	.00009	.0000	.00018	.00027	.00212	.00080
%RSD	19.473	.00009	4.1897	14.769	46.094	60.082
#1	.00053	2.5172	.00411	-.00161	.00608	-.00076
#2	.00040	2.5172	.00436	-.00199	.00309	-.00189

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27160	--	--	--	--	--	--

SDev	59.39697	--	--	--	--	--	--
%RSD	.2186928	--	--	--	--	--	--
#1	27202	--	--	--	--	--	--
#2	27118	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-70807/1-b Operator: SRP
Run Time: 01/25/12 17:10:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01136	-.00021	.00094	.00307	-.00012	.00790	.00018
SDev	.00134	.00050	.00114	.00001	.00002	.00015	.00014
%RSD	11.829	236.31	121.64	.24948	14.296	1.8482	80.825
#1	.01231	-.00057	.00013	.00308	-.00011	.00779	.00028
#2	.01041	.00014	.00175	.00307	-.00013	.00800	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11321	.00009	.00083	.00142	.03929	.00007	.00059
SDev	.00054	.00010	.00113	.00006	.03955	.00001	.00099
%RSD	.48022	111.39	136.72	4.5632	100.66	15.619	166.90
#1	.11359	.00002	.00163	.00146	.06725	.00008	.00129
#2	.11282	.00016	.00003	.00137	.01132	.00006	-.00011

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.01194	.00004	.00290	.00037	.00414	.00722
SDev	.00059	.00082	.00008	.00093	.00108	.00793	.00133
%RSD	133.61	6.8369	212.32	32.142	290.80	191.47	18.454
#1	.00002	.01251	-.00002	.00356	.00114	.00974	.00816
#2	.00086	.01136	.00010	.00224	-.00039	-.00147	.00628

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	1.2422	.87622	.00005	.00099	.00459	.00020
SDev	.00102	.2282	.00528	.00000	.00357	.00102	.00002
%RSD	89.082	18.369	.60314	.13356	361.19	22.210	12.347
#1	.00187	1.4035	.87996	.00005	.00351	.00531	.00021
#2	.00042	1.0808	.87248	.00005	-.00154	.00387	.00018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00482	.01007	-.00414	.00806	-.00337
SDev	.00018	.00012	.00927	.00315	.01188	.00682
%RSD	45.930	2.4092	92.053	75.964	147.35	202.55
#1	.00053	.00474	.01662	-.00637	.01646	-.00819
#2	.00027	.00490	.00351	-.00192	-.00034	.00146

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28010	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0378665	--	--	--	--	--	--
#1	28018	--	--	--	--	--	--
#2	28003	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-48846-b-1-m Operator: SRP
Run Time: 01/25/12 17:14:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11976	.00315	.00060	.04269	-.00020	15.562	.00300
SDev	.00067	.00085	.00059	.00011	.00003	.025	.00006
%RSD	.55866	26.923	98.307	.24526	15.541	.16025	1.9810
#1	.12023	.00255	.00102	.04277	-.00018	15.579	.00304
#2	.11929	.00375	.00018	.04262	-.00022	15.544	.00296

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	137.65	.00065	.00400	1.2237	.17275	.00286	.00246
SDev	.22	.00000	.00013	.0024	.00269	.00003	.00008
%RSD	.15943	.06949	3.2805	.19407	1.5557	.92984	3.1565
#1	137.80	.00065	.00410	1.2253	.17465	.00284	.00241
#2	137.49	.00065	.00391	1.2220	.17085	.00288	.00252

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	1.9750	1.4856	.00963	.00860	1.2852	3.4297
SDev	.00052	.0056	.0030	.00023	.00003	.0015	.0041
%RSD	65.806	.28142	.20133	2.3827	.37600	.12002	.11929
#1	.00042	1.9790	1.4877	.00947	.00858	1.2863	3.4326
#2	.00116	1.9711	1.4835	.00980	.00863	1.2841	3.4268

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	49.991	44.350	1.0702	-.00321	.00308	-.00049
SDev	.00019	.115	.097	.0030	.00177	.00034	.00004
%RSD	34.195	.23066	.21914	.28468	55.004	10.952	7.7366
#1	.00041	50.072	44.419	1.0723	-.00196	.00284	-.00052
#2	.00068	49.909	44.281	1.0680	-.00446	.00332	-.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	21.671	.00521	.00108	.00232	.00002
SDev	.00000	.014	.00093	.00058	.00054	.00105
%RSD	.16809	.06601	17.855	53.649	23.285	4612.9

#1	.00100	21.681	.00587	.00067	.00270	-.00072	
#2	.00100	21.661	.00455	.00150	.00194	.00076	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27066	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0444121	--	--	--	--	--	--
#1	27058	--	--	--	--	--	--
#2	27075	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49279-a-1-b Operator: SRP
Run Time: 01/25/12 17:17:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02783	.00189	.00167	.63466	-.00020	.07201	.00024
SDev	.00317	.00263	.00073	.00160	.00000	.01023	.00020
%RSD	11.411	139.09	43.949	.25135	.27938	14.201	82.674
#1	.03007	.00003	.00218	.63353	-.00019	.07924	.00038
#2	.02558	.00375	.00115	.63579	-.00020	.06478	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	287.54	.00107	.00057	.00674	.04879	.00700	.00649
SDev	2.03	.00007	.00065	.00011	.03082	.00003	.00014
%RSD	.70493	6.6680	114.34	1.6062	63.158	.48884	2.2101
#1	286.11	.00102	.00103	.00681	.07058	.00698	.00639
#2	288.97	.00112	.00011	.00666	.02700	.00702	.00660

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00216	.05280	.00287	.00519	.00033	2.2046	.04126
SDev	.00085	.00224	.00002	.00026	.00056	.0110	.00019
%RSD	39.237	4.2345	.57608	4.9298	168.87	.49727	.46873
#1	.00156	.05122	.00285	.00537	.00073	2.1968	.04140
#2	.00276	.05439	.00288	.00501	-.00006	2.2123	.04112

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	18.187	17.526	.27927	-.00262	.00241	.00017
SDev	.00087	.125	.067	.00096	.00243	.00054	.00009
%RSD	81.258	.68824	.38141	.34384	92.451	22.238	54.579
#1	.00169	18.099	17.479	.27859	-.00434	.00279	.00023
#2	.00046	18.276	17.573	.27995	-.00091	.00203	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.06198	.01294	.00327	.00031	.00308
SDev	.00018	.00020	.00098	.00071	.00102	.00076

%RSD	90.809	.32891	7.6015	21.601	325.64	24.708	
#1	-.00033	.06212	.01363	.00277	-.00041	.00254	
#2	-.00007	.06184	.01224	.00377	.00103	.00362	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26982	--	--	--	--	--	--
SDev	108.8945	--	--	--	--	--	--
%RSD	.4035818	--	--	--	--	--	--
#1	26905	--	--	--	--	--	--
#2	27059	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49190-a-1-c Operator: SRP
Run Time: 01/25/12 17:21:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.355	1.0266	1.0591	1.1121	.50402	1.0767	.52139
SDev	.031	.0035	.0108	.0040	.00277	.0065	.00262
%RSD	.30226	.34084	1.0216	.35679	.54931	.60445	.50319
#1	10.378	1.0291	1.0667	1.1149	.50598	1.0813	.52325
#2	10.333	1.0241	1.0514	1.1093	.50207	1.0721	.51954

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.804	1.0111	1.0063	1.0204	10.191	1.1122	1.0337
SDev	.437	.0057	.0041	.0025	.035	.0043	.0051
%RSD	.59992	.56149	.41013	.24035	.34120	.39000	.49648
#1	73.113	1.0151	1.0092	1.0221	10.216	1.1152	1.0374
#2	72.495	1.0071	1.0034	1.0187	10.167	1.1091	1.0301

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0590	10.906	1.1781	1.0462	1.0028	13.128	2.5863
SDev	.0018	.061	.0060	.0032	.0063	.045	.0113
%RSD	.17122	.56383	.50849	.30847	.62816	.34164	.43777
#1	1.0603	10.949	1.1824	1.0439	1.0073	13.159	2.5943
#2	1.0577	10.862	1.1739	1.0485	.99834	13.096	2.5783

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51489	158.46	125.48	.61189	1.0804	1.0354	1.0293
SDev	.00232	.84	.51	.00255	.0024	.0058	.0039
%RSD	.45123	.52700	.40753	.41727	.22241	.56314	.38134

#1	.51653	159.06	125.84	.61369	1.0821	1.0395	1.0321
#2	.51324	157.87	125.12	.61008	1.0787	1.0313	1.0265

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0230	1.0924	1.0094	1.0459	1.0480	1.0645
SDev	.0054	.0056	.0002	.0076	.0034	.0044
%RSD	.52727	.51219	.02094	.72597	.32499	.41547
#1	1.0268	1.0964	1.0096	1.0512	1.0456	1.0676
#2	1.0192	1.0885	1.0093	1.0405	1.0504	1.0614

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27484	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1543677	--	--	--	--	--	--
#1	27514	--	--	--	--	--	--
#2	27454	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49190-a-1-c@5 Operator: SRP
Run Time: 01/25/12 17:25:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01321	.00494	-.00226	.01735	-.00012	.01068	.00021
SDev	.00037	.00229	.00000	.00001	.00000	.00131	.00015
%RSD	2.7684	46.385	.16768	.05589	4.0670	12.276	70.008
#1	.01296	.00657	-.00226	.01736	-.00012	.01160	.00032
#2	.01347	.00332	-.00226	.01735	-.00012	.00975	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.890	.00006	.00040	.00176	.00230	.00032	.00050
SDev	.026	.00010	.00013	.00003	.00212	.00001	.00038
%RSD	.18574	171.95	31.670	1.4827	92.344	3.6925	76.311
#1	13.908	-.00001	.00049	.00178	.00380	.00032	.00076
#2	13.871	.00013	.00031	.00174	.00080	.00031	.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	.21262	.03586	.00323	.00287	.10608	.31962
SDev	.00345	.00116	.00006	.00131	.00018	.00123	.00045
%RSD	174.41	.54470	.17656	40.522	6.3079	1.1568	.13974
#1	.00441	.21344	.03591	.00416	.00300	.10521	.31994
#2	-.00046	.21180	.03582	.00230	.00274	.10695	.31931

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00001	27.695	25.076	.02115	-.00005	.00059	.00005
SDev	.00009	.013	.037	.00006	.00376	.00188	.00004
%RSD	694.74	.04521	.14749	.28636	7670.0	318.27	75.655
#1	.00008	27.704	25.102	.02119	.00261	-.00074	.00002
#2	-.00005	27.686	25.050	.02111	-.00271	.00192	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00855	.00118	.00015	-.00148	.00370
SDev	.00017	.00014	.00166	.00026	.00234	.00400
%RSD	30.923	1.6158	140.92	171.08	158.42	107.99
#1	.00042	.00845	.00236	-.00003	.00018	.00653
#2	.00065	.00865	.00000	.00034	-.00313	.00088

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27718	--	--	--	--	--	--
SDev	36.76955	--	--	--	--	--	--
%RSD	.1326559	--	--	--	--	--	--
#1	27744	--	--	--	--	--	--
#2	27692	--	--	--	--	--	--

Analysis Report Blank Sample 01/25/12 05:39:51 PM page 1

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 17:36:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4355	.49448	.49386	.49532	.48394	.49585	.50696
SDev	.0186	.00360	.00386	.00282	.00286	.00009	.00410
%RSD	.76251	.72857	.78192	.57011	.59121	.01712	.80912
#1	2.4486	.49703	.49113	.49732	.48192	.49579	.50406
#2	2.4224	.49194	.49659	.49332	.48596	.49591	.50986

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.396	.48441	.48720	.47945	2.5785	.46433	.49114
SDev	.059	.00223	.00431	.00195	.0749	.00321	.00383
%RSD	.47896	.46127	.88487	.40667	2.9057	.69201	.78018
#1	12.354	.48283	.48416	.48083	2.5255	.46660	.49385
#2	12.437	.48599	.49025	.47807	2.6315	.46205	.48843

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49142	4.8783	.48435	.50255	.48582	11.974	.91822
SDev	.00343	.0142	.00192	.00050	.00325	.092	.00111
%RSD	.69726	.29130	.39662	.09981	.66870	.77052	.12090
#1	.49384	4.8682	.48299	.50219	.48353	12.039	.91744
#2	.48900	4.8883	.48571	.50290	.48812	11.908	.91901

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24436	12.539	11.784	.24776	.51323	.51760	.49612
SDev	.00189	.272	.093	.00116	.00966	.00367	.00011
%RSD	.77174	2.1663	.78584	.46866	1.8829	.70986	.02157
#1	.24303	12.347	11.850	.24859	.50639	.51500	.49620
#2	.24570	12.731	11.719	.24694	.52006	.52020	.49605

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49038	.50894	.49105	.49118	.49774	.48832
SDev	.00104	.00180	.01279	.01214	.01403	.01216
%RSD	.21224	.35338	2.6043	2.4720	2.8194	2.4894
#1	.48965	.50767	.48201	.49977	.48782	.49691
#2	.49112	.51022	.50009	.48260	.50767	.47972

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27678	--	--	--	--	--	--
SDev	285.6711	--	--	--	--	--	--
%RSD	1.032123	--	--	--	--	--	--

#1	27476	--	--	--	--	--	--
#2	27880	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 17:39:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01632	.00046	.00004	.00027	.00018	.00332	.00031
SDev	.00040	.00087	.00127	.00007	.00001	.00039	.00005
%RSD	2.4217	186.51	2962.0	27.498	4.6838	11.860	16.764
#1	.01660	-.00015	.00094	.00022	.00018	.00360	.00027
#2	.01604	.00108	-.00085	.00032	.00019	.00304	.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02124	.00012	.00030	-.00058	.01519	.00053	-.00054
SDev	.00022	.00005	.00013	.00042	.00026	.00002	.00052
%RSD	1.0317	40.596	41.639	71.877	1.6823	4.3875	96.677
#1	.02109	.00016	.00039	-.00087	.01501	.00051	-.00017
#2	.02140	.00009	.00021	-.00028	.01537	.00055	-.00090

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00213	.01438	.00025	.00218	.00046	.03404	-.00791
SDev	.00148	.00036	.00006	.00107	.00011	.00669	.00149
%RSD	69.789	2.4985	21.862	48.819	24.328	19.650	18.851
#1	.00108	.01464	.00021	.00294	.00054	.02931	-.00896
#2	.00317	.01413	.00029	.00143	.00038	.03877	-.00686

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.06530	.01131	.00016	.00506	.00208	.00030
SDev	.00036	.09903	.00081	.00002	.00156	.00103	.00007
%RSD	93.170	151.66	7.1700	14.026	30.834	49.641	22.534

#1	.00013	-.00473	.01074	.00014	.00617	.00135	.00025
#2	.00064	.13532	.01188	.00018	.00396	.00282	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00024	.00205	-.00183	.00106	.00266
SDev	.00043	.00005	.00191	.00018	.00097	.00271
%RSD	519.47	19.408	93.367	9.7442	91.124	101.99
#1	-.00022	.00021	.00340	-.00195	.00175	.00074
#2	.00038	.00027	.00070	-.00170	.00038	.00457

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/25/12 05:43:42 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28197	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0300929	--	--	--	--	--	--
#1	28203	--	--	--	--	--	--
#2	28191	--	--	--	--	--	--

Analysis Report 01/25/12 05:50:59 PM page 1

Method: 20076010 Sample Name: 600-49065-b-1-d Operator: SRP
Run Time: 01/25/12 17:47:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	194.99	.00088	.04866	5.2602	.01580	.04690	.00461
SDev	.09	.00118	.00144	.0001	.00002	.00056	.00001
%RSD	.04570	134.75	2.9626	.00204	.13179	1.1896	.29024
#1	194.93	.00171	.04968	5.2602	.01579	.04650	.00460
#2	195.05	.00004	.04764	5.2601	.01582	.04729	.00462

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.378	.20281	.06318	.15719	230.10	.17079	.14365
SDev	.088	.00103	.00014	.00019	.14	.00017	.00026
%RSD	.19283	.50891	.22519	.11824	.05986	.09917	.17967
#1	45.316	.20208	.06328	.15732	230.01	.17067	.14383
#2	45.440	.20354	.06308	.15706	230.20	.17091	.14347

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01320	70.327	2.0244	.00250	.20029	21.801	7.2025
SDev	.00169	.144	.0023	.00106	.00137	.001	.0197
%RSD	12.788	.20503	.11552	42.644	.68530	.00528	.27326
#1	-.01200	70.225	2.0227	.00325	.19932	21.801	7.1886
#2	-.01439	70.429	2.0260	.00174	.20126	21.802	7.2165

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00332	17.169	17.115	.65997	.00397	.03376	.29199
SDev	.00045	.153	.012	.00006	.00128	.00228	.00012
%RSD	13.502	.88966	.07204	.00838	32.140	6.7578	.04057
#1	-.00301	17.061	17.107	.66001	.00488	.03537	.29191
#2	-.00364	17.277	17.124	.65993	.00307	.03215	.29207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34254	.46063	.11174	.15961	-.01266	-.01346
SDev	.00019	.00061	.00095	.00009	.00272	.00117
%RSD	.05707	.13271	.84920	.05470	21.492	8.6944
#1	.34240	.46020	.11241	.15954	-.01074	-.01263
#2	.34267	.46106	.11107	.15967	-.01459	-.01429

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31346	--	--	--	--	--	--
SDev	53.03301	--	--	--	--	--	--
%RSD	.1691886	--	--	--	--	--	--

#1	31308	--	--	--	--	--	--
#2	31383	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-2-b Operator: SRP
Run Time: 01/25/12 17:51:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.890	.00198	.00955	.18282	.00553	.01999	.00059
SDev	.080	.00001	.00186	.00029	.00001	.00035	.00008
%RSD	.22334	.23476	19.518	.16017	.13276	1.7738	12.909
#1	35.947	.00198	.01087	.18303	.00553	.01973	.00065
#2	35.834	.00198	.00823	.18261	.00554	.02024	.00054

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.2127	.04132	.01917	.02968	44.706	.02679	.03835
SDev	.0101	.00051	.00012	.00006	.086	.00004	.00044
%RSD	.14040	1.2433	.61330	.21287	.19220	.15777	1.1499
#1	7.2055	.04096	.01909	.02964	44.645	.02682	.03866
#2	7.2198	.04168	.01926	.02973	44.767	.02676	.03804

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	10.468	.21403	.00142	.06126	5.3188	6.7512
SDev	.00140	.009	.00014	.00083	.00039	.0054	.0002
%RSD	235.74	.08441	.06558	58.523	.63474	.10207	.00239

#1	-.00040	10.461	.21393	.00200	.06098	5.3227	6.7511
#2	.00159	10.474	.21413	.00083	.06153	5.3150	6.7513

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	1.9907	2.0139	.08904	-.00283	.03097	.30091
SDev	.00026	.0701	.0061	.00006	.00148	.00114	.00023
%RSD	33.925	3.5230	.30066	.06307	52.423	3.6715	.07767

#1	-.00093	2.0403	2.0182	.08908	-.00388	.03017	.30075
#2	-.00057	1.9411	2.0096	.08900	-.00178	.03177	.30108

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06591	.12862	.03505	.04000	-.00127	.00153
SDev	.00040	.00020	.00037	.00048	.00363	.00029
%RSD	.61154	.15364	1.0509	1.1933	286.66	18.725

#1	.06563	.12876	.03531	.04034	-.00384	.00132
#2	.06620	.12848	.03479	.03966	.00130	.00173

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 05:54:50 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29616	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0071629	--	--	--	--	--	--

#1	29614	--	--	--	--	--	--
#2	29617	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-2-c du Operator: SRP
Run Time: 01/25/12 17:54:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.471	.00117	.01035	.18492	.00597	.02131	.00053
SDev	.067	.00169	.00214	.00034	.00001	.00032	.00000
%RSD	.16952	145.01	20.659	.18407	.11762	1.5051	.45928

#1	39.518	.00237	.01186	.18516	.00598	.02108	.00053
#2	39.423	-.00003	.00884	.18468	.00597	.02154	.00053

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.6132	.04567	.01846	.03086	46.745	.02870	.03809
SDev	.0010	.00011	.00036	.00020	.066	.00007	.00021
%RSD	.01307	.23569	1.9344	.63589	.14148	.23346	.54069

#1	7.6139	.04574	.01871	.03072	46.792	.02874	.03794
#2	7.6125	.04559	.01821	.03100	46.698	.02865	.03823

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00203	11.331	.20235	.00238	.06342	5.7638	6.2306

SDev	.00093	.009	.00011	.00086	.00003	.0016	.0075
%RSD	45.564	.07631	.05447	36.162	.05043	.02741	.12113
#1	-.00269	11.337	.20243	.00299	.06344	5.7649	6.2360
#2	-.00138	11.325	.20228	.00177	.06340	5.7627	6.2253

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00091	2.1271	2.1420	.09662	-.00246	.02951	.29953
SDev	.00019	.0680	.0045	.00008	.00232	.00028	.00042
%RSD	21.358	3.1975	.20942	.08267	94.622	.94954	.14076
#1	-.00077	2.1752	2.1452	.09667	-.00410	.02931	.29982
#2	-.00105	2.0790	2.1389	.09656	-.00081	.02971	.29923

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06399	.12368	.03530	.03948	-.00689	.00040
SDev	.00026	.00035	.00169	.00115	.00375	.00326
%RSD	.40172	.28576	4.7805	2.9193	54.376	823.85
#1	.06381	.12393	.03649	.03867	-.00424	-.00191

#2	.06417	.12343	.03410	.04030	-.00954	.00270

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29639	--	--	--	--	--	--
SDev	69.29646	--	--	--	--	--	--
%RSD	.2338016	--	--	--	--	--	--
#1	29590	--	--	--	--	--	--
#2	29688	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-2-d ms Operator: SRP
Run Time: 01/25/12 17:58:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.075	.42409	.91992	1.1317	.45927	.83720	.47038
SDev	.025	.00258	.00163	.0005	.00003	.00004	.00031
%RSD	.03310	.60878	.17767	.04698	.00695	.00520	.06611
#1	75.058	.42227	.92108	1.1320	.45930	.83723	.47060
#2	75.093	.42592	.91877	1.1313	.45925	.83717	.47016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.000	.97856	.93561	.94212	67.393	.49088	.95932
SDev	.003	.00018	.00043	.00027	.045	.00006	.00325
%RSD	.01549	.01835	.04568	.02887	.06694	.01300	.33867
#1	17.002	.97869	.93591	.94231	67.425	.49084	.95703
#2	16.998	.97843	.93531	.94192	67.361	.49093	.96162

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86982	23.302	1.1540	.85613	.99185	17.909	8.3458
SDev	.00297	.002	.0002	.00331	.00604	.010	.0085
%RSD	.34123	.00770	.01352	.38609	.60927	.05851	.10146
#1	.87192	23.303	1.1541	.85380	.99612	17.917	8.3398
#2	.86772	23.300	1.1538	.85847	.98758	17.902	8.3518

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46055	11.525	11.782	.58559	.95128	.88550	.93769
SDev	.00030	.079	.003	.00028	.00491	.00183	.00067
%RSD	.06605	.68418	.02572	.04827	.51648	.20626	.07148
#1	.46077	11.581	11.780	.58579	.94780	.88679	.93722
#2	.46034	11.469	11.784	.58539	.95475	.88421	.93816

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99428	1.0736	.92777	.97510	.85548	.87699

SDev	.00058	.0003	.00360	.00668	.00542	.00174
%RSD	.05865	.02396	.38828	.68450	.63345	.19870
#1	.99386	1.0734	.93031	.97038	.85931	.87822
#2	.99469	1.0738	.92522	.97982	.85165	.87576

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29152	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.2352859	--	--	--	--	--	--
#1	29103	--	--	--	--	--	--
#2	29200	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-2-e msd Operator: SRP
Run Time: 01/25/12 18:02:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.661	.43266	.90693	1.1038	.45401	.82954	.46640
SDev	.058	.00034	.00175	.0003	.00027	.00084	.00017
%RSD	.08300	.07766	.19286	.02340	.05969	.10157	.03620
#1	69.620	.43242	.90569	1.1040	.45382	.82894	.46628
#2	69.702	.43290	.90817	1.1037	.45420	.83013	.46652

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.284	.96735	.92609	.92371	63.618	.47828	.94966
SDev	.011	.00068	.00023	.00023	.016	.00001	.00067
%RSD	.06994	.07046	.02526	.02533	.02581	.00173	.07053
#1	16.276	.96687	.92592	.92387	63.630	.47828	.94919
#2	16.292	.96783	.92625	.92354	63.607	.47829	.95014

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86603	22.335	1.1383	.84969	.96695	17.151	8.2280
SDev	.00083	.026	.0006	.00106	.00150	.004	.0085
%RSD	.09558	.11425	.05374	.12482	.15465	.02188	.10367
#1	.86545	22.317	1.1378	.84894	.96801	17.148	8.2220
#2	.86662	22.353	1.1387	.85044	.96589	17.154	8.2340

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45378	11.293	11.438	.56656	.94088	.87559	.94984
SDev	.00019	.016	.002	.00004	.00393	.00127	.00032
%RSD	.04118	.14377	.02144	.00716	.41802	.14514	.03412
#1	.45391	11.305	11.436	.56653	.93810	.87469	.94961
#2	.45365	11.282	11.440	.56659	.94366	.87649	.95007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98341	1.0546	.91811	.96544	.85106	.87352
SDev	.00013	.0008	.00353	.00277	.00530	.00389
%RSD	.01266	.07114	.38482	.28704	.62314	.44570
#1	.98332	1.0551	.92061	.96348	.85481	.87077
#2	.98350	1.0541	.91561	.96740	.84731	.87628

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29203	--	--	--	--	--	--
SDev	26.87006	--	--	--	--	--	--
%RSD	.0920113	--	--	--	--	--	--
#1	29184	--	--	--	--	--	--
#2	29222	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-3-b Operator: SRP
Run Time: 01/25/12 18:06:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.429	.00365	.03632	.06756	.00127	.01611	.00131
SDev	.011	.00088	.00077	.00019	.00000	.00091	.00014
%RSD	.09670	23.964	2.1208	.28226	.26593	5.6412	10.434
#1	11.437	.00427	.03578	.06770	.00127	.01675	.00141
#2	11.422	.00303	.03686	.06743	.00127	.01547	.00121

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	258.58	.03148	.01736	.01554	51.034	.01807	.04579
SDev	.46	.00000	.00040	.00032	.104	.00004	.00013
%RSD	.17942	.01330	2.3210	2.0635	.20395	.19861	.29043

#1	258.91	.03148	.01765	.01577	51.107	.01809	.04588
#2	258.26	.03148	.01708	.01532	50.960	.01804	.04569

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00276	8.8617	1.0353	.00478	.02861	2.5516	4.1557
SDev	.00223	.0214	.0018	.00198	.00105	.0031	.0067
%RSD	80.542	.24126	.17119	41.399	3.6633	.12304	.16087
#1	-.00119	8.8769	1.0366	.00618	.02935	2.5538	4.1605
#2	-.00434	8.8466	1.0341	.00338	.02787	2.5494	4.1510

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	5.5529	5.6147	.34621	.00152	.03113	.43223
SDev	.00078	.2301	.0006	.00029	.00254	.00137	.00049

%RSD	197.73	4.1431	.01031	.08350	167.72	4.4105	.11269
#1	.00016	5.7155	5.6152	.34641	.00332	.03016	.43257
#2	-.00094	5.3902	5.6143	.34601	-.00028	.03210	.43188

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10474	.07511	.04761	.04487	-.00506	-.00162
SDev	.00020	.00033	.00264	.00112	.00186	.00241
%RSD	.18697	.43537	5.5376	2.4933	36.778	149.00
#1	.10488	.07534	.04948	.04408	-.00374	.00009
#2	.10460	.07488	.04575	.04566	-.00637	-.00332

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28108	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1685474	--	--	--	--	--	--
#1	28075	--	--	--	--	--	--
#2	28142	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-4-b Operator: SRP
Run Time: 01/25/12 18:10:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	121.34	.00171	.05050	.53622	.00862	.05003	.00251
SDev	.05	.00109	.00413	.00002	.00003	.00028	.00013
%RSD	.03880	63.639	8.1727	.00391	.33643	.56685	5.0308
#1	121.37	.00248	.04758	.53621	.00864	.04983	.00242
#2	121.31	.00094	.05342	.53624	.00859	.05023	.00260

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.517	.13237	.03098	.10212	150.96	.09771	.09308
SDev	.029	.00011	.00031	.00040	.16	.00006	.00010

%RSD	.07249	.08029	.99312	.39358	.10701	.05933	.10283
#1	40.537	.13229	.03119	.10240	151.08	.09767	.09301
#2	40.496	.13244	.03076	.10183	150.85	.09776	.09314

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00701	40.756	.56791	.00335	.11204	15.274	8.2917
SDev	.00473	.064	.00037	.00111	.00003	.013	.0042
%RSD	67.388	.15673	.06549	33.095	.02187	.08264	.05031
#1	-.00367	40.801	.56817	.00413	.11206	15.265	8.2947
#2	-.01036	40.710	.56764	.00256	.11203	15.283	8.2888

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00183	9.9201	9.8677	.29664	.00095	.03413	.35893
SDev	.00040	.0077	.0080	.00006	.00294	.00120	.00025
%RSD	22.015	.07741	.08063	.02096	309.77	3.5254	.07022
#1	-.00155	9.9255	9.8620	.29660	-.00113	.03498	.35911
#2	-.00212	9.9147	9.8733	.29669	.00303	.03328	.35876

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25351	.30195	.07536	.10193	-.01034	-.00535
SDev	.00003	.00037	.00094	.00061	.00031	.00725
%RSD	.01314	.12178	1.2491	.60262	2.9888	135.35
#1	.25353	.30221	.07603	.10150	-.01056	-.00023
#2	.25348	.30169	.07470	.10237	-.01012	-.01048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28770	--	--	--	--	--	--
SDev	60.81118	--	--	--	--	--	--
%RSD	.2113701	--	--	--	--	--	--
#1	28727	--	--	--	--	--	--
#2	28813	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-5-b Operator: SRP
Run Time: 01/25/12 18:14:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	201.58	.00195	.03432	1.4708	.01705	.04067	.00488
SDev	.60	.00089	.00345	.0035	.00001	.00025	.00019
%RSD	.29933	45.824	10.040	.23719	.05754	.60815	3.9455
#1	201.15	.00132	.03188	1.4683	.01705	.04049	.00502
#2	202.00	.00258	.03676	1.4733	.01706	.04084	.00475

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	50.399	.19785	.06238	.14295	217.95	.17015	.13315
SDev	.172	.00039	.00007	.00061	.64	.00052	.00104
%RSD	.34113	.19655	.11727	.42848	.29499	.30874	.78222
#1	50.277	.19758	.06232	.14252	217.49	.16978	.13389
#2	50.520	.19813	.06243	.14339	218.40	.17053	.13241

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01421	69.065	2.0386	.00156	.21135	22.647	6.8984
SDev	.00171	.217	.0061	.00008	.00039	.075	.0208
%RSD	12.011	.31400	.30092	5.0256	.18535	.33295	.30132

#1	-.01542	68.912	2.0342	.00151	.21108	22.593	6.8837
#2	-.01301	69.218	2.0429	.00162	.21163	22.700	6.9131

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00321	19.020	18.763	.60457	.00383	.03326	.23106
SDev	.00017	.023	.063	.00157	.00086	.00219	.00026
%RSD	5.2367	.12218	.33420	.25945	22.510	6.5837	.11091
#1	-.00309	19.037	18.718	.60346	.00322	.03481	.23088
#2	-.00333	19.004	18.807	.60568	.00444	.03171	.23125

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30992	.51053	.09985	.14980	-.00977	-.01643
SDev	.00113	.00167	.00073	.00120	.00380	.00066
%RSD	.36583	.32668	.73376	.79838	38.833	4.0357
#1	.30912	.50935	.10037	.15064	-.01246	-.01690
#2	.31072	.51170	.09934	.14895	-.00709	-.01596

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31772	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.2403611	--	--	--	--	--	--
#1	31826	--	--	--	--	--	--
#2	31718	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-6-b Operator: SRP
Run Time: 01/25/12 18:17:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.39	.00201	.01763	.92039	.01265	.04975	.00444
SDev	.03	.00127	.00266	.00016	.00006	.00107	.00010
%RSD	.01082	63.438	15.089	.01732	.47197	2.1468	2.2789
#1	245.40	.00111	.01575	.92050	.01261	.04900	.00451
#2	245.37	.00291	.01952	.92027	.01269	.05051	.00437

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	106.04	.25296	.05797	.14446	195.01	.28972	.10477
SDev	.30	.00096	.00059	.00014	.50	.00020	.00008
%RSD	.28431	.38126	1.0235	.09776	.25619	.06771	.07803
#1	105.83	.25227	.05839	.14456	194.65	.28986	.10483
#2	106.25	.25364	.05755	.14436	195.36	.28958	.10472

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 01/25/12 06:21:46 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01409	111.19	1.0013	.00233	.24997	38.181	8.0745
SDev	.00267	.24	.0021	.00006	.00054	.034	.0081
%RSD	18.930	.21290	.21152	2.3705	.21519	.09035	.10057
#1	-.01598	111.02	.99978	.00237	.24959	38.205	8.0688
#2	-.01221	111.36	1.0028	.00229	.25035	38.157	8.0803

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	20.944	21.000	.64596	.00225	.03864	.36363
SDev	.00009	.062	.038	.00033	.00274	.00107	.00065
%RSD	3.2465	.29610	.18028	.05166	121.83	2.7690	.17922
#1	-.00279	20.900	21.027	.64572	.00418	.03788	.36317
#2	-.00292	20.987	20.973	.64620	.00031	.03939	.36409

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15520	.69117	.06605	.12414	-.00771	-.01729
SDev	.00037	.00247	.00325	.00150	.00003	.00399
%RSD	.23619	.35702	4.9174	1.2094	.38507	23.063
#1	.15494	.68943	.06835	.12307	-.00773	-.02011
#2	.15545	.69292	.06375	.12520	-.00769	-.01447

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27909	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0658740	--	--	--	--	--	--
#1	27922	--	--	--	--	--	--
#2	27896	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-8-b Operator: SRP
Run Time: 01/25/12 18:21:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.519	.00227	.01443	.21914	.00399	.01688	.00083
SDev	.202	.00079	.00130	.00003	.00002	.00020	.00035
%RSD	.26790	34.879	9.0342	.01195	.49019	1.1876	42.854

#1	75.662	.00284	.01535	.21912	.00401	.01703	.00058
#2	75.376	.00171	.01351	.21916	.00398	.01674	.00108

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.917	.07193	.01931	.01911	53.712	.03755	.07645
SDev	.014	.00013	.00061	.00012	.087	.00002	.00105
%RSD	.03451	.17512	3.1518	.62484	.16181	.05978	1.3724

Analysis Report 01/25/12 06:25:37 PM page 11

#1	41.906	.07202	.01888	.01919	53.651	.03757	.07719
#2	41.927	.07184	.01974	.01903	53.774	.03754	.07571

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00290	18.413	.16408	.00020	.07409	3.2975	8.0202
SDev	.00175	.012	.00031	.00095	.00036	.0039	.0188
%RSD	60.258	.06675	.18703	483.25	.48100	.11913	.23408

#1	-.00413	18.421	.16387	-.00048	.07384	3.3003	8.0334
#2	-.00166	18.404	.16430	.00087	.07434	3.2947	8.0069

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00163	6.8047	6.5696	.29134	-.00437	.02863	.15789
SDev	.00075	.2163	.0095	.00013	.00556	.00188	.00017
%RSD	45.956	3.1780	.14443	.04311	127.36	6.5602	.10993

#1	-.00217	6.6518	6.5764	.29125	-.00830	.02730	.15801
#2	-.00110	6.9576	6.5629	.29142	-.00043	.02996	.15777

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13543	.10549	.05777	.08579	-.01474	.00302
SDev	.00024	.00011	.00920	.00617	.01726	.00601
%RSD	.17557	.10186	15.920	7.1940	117.12	198.81

#1	.13560	.10541	.05126	.09016	-.02694	.00727
#2	.13527	.10557	.06427	.08143	-.00253	-.00123

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28235	--	--	--	--	--	--
SDev	87.68124	--	--	--	--	--	--
%RSD	.3105410	--	--	--	--	--	--

#1	28173	--	--	--	--	--	--
#2	28297	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 18:25:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4798	.50724	.50301	.50693	.49297	.50251	.51830

SDev	.0046	.00011	.00243	.00010	.00014	.00176	.00071
%RSD	.18540	.02169	.48236	.02057	.02923	.34992	.13704
#1	2.4831	.50716	.50473	.50686	.49287	.50127	.51780
#2	2.4766	.50732	.50129	.50701	.49308	.50375	.51880

Analysis Report Blank Sample 01/25/12 06:29:28 PM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.635	.49587	.49634	.48954	2.5486	.47605	.50662
SDev	.010	.00004	.00146	.00022	.0678	.00014	.00052
%RSD	.08252	.00771	.29523	.04519	2.6618	.02896	.10248
#1	12.628	.49584	.49531	.48939	2.5006	.47614	.50625
#2	12.642	.49590	.49738	.48970	2.5965	.47595	.50699

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50802	4.9813	.49531	.50951	.50449	12.267	.95681
SDev	.00224	.0034	.00012	.00441	.00065	.005	.00557
%RSD	.44089	.06845	.02343	.86636	.12877	.04451	.58217
#1	.50960	4.9789	.49523	.50638	.50403	12.270	.96074
#2	.50644	4.9837	.49539	.51263	.50495	12.263	.95287

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24902	12.362	12.027	.25332	.51651	.52141	.50734
SDev	.00149	.254	.004	.00014	.00470	.00477	.00035
%RSD	.59788	2.0562	.03381	.05456	.91031	.91440	.06858
#1	.24797	12.182	12.029	.25322	.51318	.51804	.50709
#2	.25008	12.541	12.024	.25342	.51983	.52478	.50759

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50171	.52120	.49358	.51314	.50209	.51105
SDev	.00008	.00013	.00012	.00072	.00172	.00422
%RSD	.01512	.02477	.02415	.14015	.34322	.82604
#1	.50176	.52129	.49350	.51263	.50087	.51403
#2	.50165	.52111	.49367	.51365	.50330	.50806

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27083	--	--	--	--	--	--
SDev	77.78175	--	--	--	--	--	--
%RSD	.2871977	--	--	--	--	--	--
#1	27138	--	--	--	--	--	--
#2	27028	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 18:29:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02099	.00036	.00141	.00033	.00018	.00206	.00043
SDev	.00283	.00124	.00120	.00009	.00005	.00002	.00028

%RSD	13.496	345.26	85.304	25.927	28.414	1.1230	65.089
#1	.01899	-.00052	.00056	.00027	.00014	.00208	.00023
#2	.02299	.00124	.00226	.00040	.00021	.00205	.00063

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02012	.00011	.00073	-.00020	.02277	.00050	.00011
SDev	.00201	.00048	.00009	.00010	.01400	.00004	.00062
%RSD	10.014	422.07	11.622	48.181	61.489	7.4944	548.22
#1	.01870	-.00022	.00067	-.00013	.01287	.00047	.00055
#2	.02155	.00045	.00079	-.00027	.03267	.00053	-.00033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	.02611	.00030	.00207	.00055	.10796	-.00077
SDev	.00334	.00064	.00006	.00115	.00006	.00382	.00008
%RSD	90.234	2.4494	18.747	55.458	11.108	3.5355	10.672
#1	.00606	.02656	.00026	.00288	.00051	.11066	-.00071
#2	.00134	.02565	.00034	.00126	.00060	.10526	-.00082

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.18389	.01532	.00020	.00403	.00246	.00038
SDev	.00079	.06205	.00096	.00003	.00318	.00097	.00006
%RSD	133.66	33.745	6.2665	13.903	78.890	39.546	14.852
#1	.00003	.14001	.01464	.00018	.00628	.00315	.00034
#2	.00115	.22776	.01600	.00022	.00178	.00177	.00043

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00032	.00204	-.00085	.00567	.00271
SDev	.00043	.00022	.00172	.00008	.00197	.00402
%RSD	93.358	68.455	84.128	8.8519	34.665	148.30
#1	.00016	.00017	.00326	-.00080	.00706	.00556
#2	.00077	.00048	.00083	-.00090	.00428	-.00013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27632	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0358262	--	--	--	--	--	--
#1	27625	--	--	--	--	--	--
#2	27639	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-9-b Operator: SRP
Run Time: 01/25/12 18:33:23

Comment: TRACE 61E

Analysis Report 01/25/12 06:37:10 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	183.53	-.00028	.03697	2.1480	.01777	.03024	.00387
SDev	.10	.00099	.00103	.0037	.00000	.00060	.00005
%RSD	.05367	360.36	2.7941	.17287	.00130	1.9885	1.3731
#1	183.60	.00043	.03624	2.1506	.01777	.03066	.00383
#2	183.46	-.00098	.03770	2.1454	.01777	.02981	.00390

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.102	.18022	.09495	.11397	200.94	.13758	.22550
SDev	.079	.00014	.00012	.00040	.02	.00013	.00066
%RSD	.13807	.07513	.12428	.35040	.00807	.09463	.29227
#1	57.046	.18013	.09504	.11368	200.93	.13767	.22503
#2	57.157	.18032	.09487	.11425	200.95	.13748	.22596

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01008	49.084	2.1837	.00221	.17450	14.194	6.6184
SDev	.00122	.036	.0006	.00036	.00071	.008	.0071
%RSD	12.109	.07432	.02888	16.474	.40650	.05469	.10657
#1	-.00922	49.058	2.1833	.00247	.17501	14.199	6.6134
#2	-.01095	49.110	2.1842	.00195	.17400	14.188	6.6234

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00343	13.437	13.229	.49076	-.00017	.03183	.15892
SDev	.00030	.001	.017	.00083	.00120	.00047	.00008
%RSD	8.6004	.00994	.13073	.16915	683.57	1.4825	.05300
#1	-.00322	13.438	13.241	.49134	.00067	.03216	.15886
#2	-.00364	13.436	13.217	.49017	-.00102	.03149	.15897

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41076	.32299	.19264	.24193	-.00759	-.01133
SDev	.00013	.00021	.00175	.00187	.00332	.00017
%RSD	.03146	.06605	.91062	.77117	43.708	1.5228
#1	.41067	.32284	.19388	.24061	-.00525	-.01121
#2	.41085	.32314	.19140	.24325	-.00994	-.01145

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33078	--	--	--	--	--	--
SDev	79.19596	--	--	--	--	--	--
%RSD	.2394218	--	--	--	--	--	--
#1	33022	--	--	--	--	--	--
#2	33134	--	--	--	--	--	--

Analysis Report 01/25/12 06:37:10 PM page 15

Method: 20076010 Sample Name: 600-49065-b-10-b Operator: SRP
Run Time: 01/25/12 18:37:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	182.65	.00218	.03192	3.6923	.01798	.01789	.00393
SDev	.14	.00213	.00146	.0011	.00002	.00035	.00015
%RSD	.07615	97.723	4.5705	.02967	.10920	1.9458	3.8528
#1	182.75	.00369	.03089	3.6931	.01796	.01814	.00382
#2	182.55	.00067	.03295	3.6916	.01799	.01764	.00404

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.244	.20644	.04949	.11595	214.92	.12898	.15705
SDev	.047	.00013	.00017	.00048	.13	.00019	.00082
%RSD	.08916	.06393	.34758	.41405	.06173	.14722	.52141
#1	52.211	.20653	.04961	.11561	214.83	.12912	.15763
#2	52.277	.20635	.04937	.11629	215.01	.12885	.15648

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01161	41.032	1.3065	.00169	.18130	10.727	6.0624
SDev	.00156	.054	.0012	.00074	.00036	.025	.0024
%RSD	13.451	.13140	.09021	43.610	.19808	.23034	.03898
#1	-.01051	40.994	1.3056	.00222	.18104	10.744	6.0607
#2	-.01272	41.070	1.3073	.00117	.18155	10.709	6.0640

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00311	5.5139	5.3699	.51345	.00159	.03125	.16092
SDev	.00012	.1036	.0110	.00027	.00590	.00208	.00007
%RSD	3.9884	1.8796	.20440	.05276	369.75	6.6685	.04259
#1	-.00302	5.5872	5.3777	.51365	.00576	.03272	.16097
#2	-.00320	5.4406	5.3621	.51326	-.00257	.02978	.16087

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43038	.28270	.12674	.17221	-.00645	-.01420
SDev	.00031	.00035	.00293	.00024	.00146	.00307
%RSD	.07222	.12521	2.3150	.13863	22.679	21.656
#1	.43016	.28245	.12882	.17204	-.00748	-.01202
#2	.43060	.28295	.12467	.17238	-.00542	-.01637

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33240	--	--	--	--	--	--

Analysis Report 01/25/12 06:41:01 PM page 16

SDev	21.21320	--	--	--	--	--	--
%RSD	.0638183	--	--	--	--	--	--
#1	33225	--	--	--	--	--	--
#2	33255	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49065-b-11-b Operator: SRP
Run Time: 01/25/12 18:41:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	156.43	.00207	.07259	5.0150	.01393	.04035	.00875
SDev	.26	.00203	.00447	.0093	.00000	.00006	.00002
%RSD	.16891	97.798	6.1509	.18515	.01578	.14887	.20619
#1	156.61	.00064	.07574	5.0216	.01393	.04030	.00876
#2	156.24	.00350	.06943	5.0084	.01393	.04039	.00873

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	554.67	.15439	.08521	.12738	203.79	.14245	.12061
SDev	.47	.00021	.00021	.00035	.19	.00032	.00088
%RSD	.08392	.13584	.24879	.27677	.09477	.22222	.73285
#1	555.00	.15454	.08536	.12763	203.92	.14267	.12124
#2	554.34	.15424	.08506	.12713	203.65	.14222	.11999

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01771	52.315	4.5357	.00456	.19148	18.406	7.0195
SDev	.00277	.052	.0036	.00072	.00006	.040	.0079
%RSD	15.656	.09891	.07962	15.849	.03396	.21840	.11292
#1	-.01967	52.352	4.5383	.00507	.19153	18.434	7.0251
#2	-.01575	52.279	4.5332	.00405	.19144	18.377	7.0138

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00296	13.399	14.062	.86564	.00155	.03048	.30737
SDev	.00026	.095	.032	.00135	.00162	.00281	.00007
%RSD	8.7109	.70668	.22711	.15552	103.98	9.2010	.02388
#1	-.00278	13.466	14.085	.86659	.00270	.03246	.30742
#2	-.00314	13.332	14.039	.86469	.00041	.02850	.30731

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33376	.62415	.09397	.13393	-.00989	-.02162
SDev	.00005	.00108	.00188	.00039	.00115	.00358
%RSD	.01465	.17305	2.0014	.28786	11.600	16.583
#1	.33373	.62492	.09530	.13421	-.01070	-.02415
#2	.33380	.62339	.09264	.13366	-.00908	-.01908

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32014	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1214789	--	--	--	--	--	--
#1	31987	--	--	--	--	--	--
#2	32042	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49076-a-7-d Operator: SRP
Run Time: 01/25/12 18:44:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.665	.00483	.02107	2.7796	.00037	.27517	.00328
SDev	.036	.00194	.00042	.0027	.00003	.00067	.00003
%RSD	.26618	40.105	2.0034	.09572	8.7316	.24370	.85456
#1	13.690	.00346	.02077	2.7815	.00035	.27470	.00330
#2	13.639	.00620	.02137	2.7777	.00039	.27565	.00326

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.497	.03151	.00596	1.0421	13.032	.00491	.03569
SDev	.016	.00012	.00028	.0013	.005	.00002	.00026
%RSD	.02277	.38923	4.7258	.12033	.03933	.30735	.72074
#1	69.486	.03143	.00616	1.0429	13.036	.00492	.03551
#2	69.508	.03160	.00576	1.0412	13.028	.00490	.03587

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02043	8.7285	1.6042	.03465	.03006	15.290	8.8950
SDev	.00232	.0150	.0005	.00060	.00037	.019	.0075
%RSD	11.358	.17222	.02888	1.7217	1.2332	.12328	.08486
#1	.02207	8.7392	1.6039	.03507	.02979	15.303	8.9003
#2	.01879	8.7179	1.6046	.03423	.03032	15.276	8.8897

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01614	21.145	19.695	.56376	-.00987	.11170	.06986
SDev	.00006	.173	.032	.00032	.00264	.00052	.00007
%RSD	.34981	.81629	.16380	.05698	26.776	.46641	.10030
#1	.01618	21.267	19.718	.56399	-.00800	.11206	.06981
#2	.01610	21.023	19.672	.56354	-.01174	.11133	.06991

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00923	4.3705	.03929	.03389	.01808	.02161
SDev	.00003	.0001	.00004	.00037	.00487	.00104
%RSD	.34629	.00312	.10309	1.0787	26.942	4.8384

#1	.00920	4.3706	.03926	.03364	.02152	.02235
#2	.00925	4.3704	.03931	.03415	.01463	.02087

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27615	--	--	--	--	--	--
SDev	155.5635	--	--	--	--	--	--
%RSD	.5633297	--	--	--	--	--	--
#1	27505	--	--	--	--	--	--
#2	27725	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49110-a-1-b Operator: SRP
Run Time: 01/25/12 18:48:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51483	-.63309	-.00028	.00153	-.00048	.00179	.04243
SDev	.00393	.02301	.00165	.00015	.00002	.00019	.00002
%RSD	.76282	3.6342	594.92	9.6855	3.3393	10.771	.04751
#1	.51761	-.61682	.00089	.00163	-.00049	.00165	.04244
#2	.51205	-.64936	-.00144	.00142	-.00046	.00192	.04242

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77007	.00125	.00202	.01038	.75919	.00040	.20257
SDev	.00273	.00031	.00143	.00061	.01357	.00002	.00097
%RSD	.35460	25.144	70.658	5.9227	1.7875	3.7541	.47782
#1	.77200	.00147	.00303	.01081	.76878	.00041	.20325
#2	.76814	.00103	.00101	.00994	.74959	.00039	.20188

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00764	1.6477	.01398	.09520	.01603	.27722	.14105
SDev	.00377	.0046	.00016	.00646	.00162	.00558	.00928
%RSD	49.326	.27625	1.1131	6.7902	10.083	2.0147	6.5803
#1	-.01031	1.6509	.01387	.09977	.01717	.28117	.14761
#2	-.00498	1.6445	.01409	.09063	.01489	.27327	.13449

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00691	1059.8	.18280	.00058	.06088	.03285	.01234
SDev	.00039	3.3	.00144	.00004	.00200	.00267	.00012
%RSD	5.6213	.30888	.78486	7.5657	3.2804	8.1167	.99524
#1	.00718	1062.1	.18381	.00061	.05947	.03474	.01243
#2	.00663	1057.5	.18178	.00055	.06230	.03097	.01225

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00285	-66.619	.19979	.20395	-.00346	-.00973
SDev	.00017	.399	.00445	.00077	.00229	.00451
%RSD	5.8421	.59836	2.2289	.37984	66.342	46.303

#1	.00297	-66.901	.20294	.20341	-.00508	-.01292
#2	.00273	-66.338	.19664	.20450	-.00184	-.00655

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24681	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	.2234688	--	--	--	--	--	--
#1	24642	--	--	--	--	--	--
#2	24720	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-2-a Operator: SRP
Run Time: 01/25/12 18:52:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	153.84	-.00018	.12134	.84339	.01081	.09344	.00796
SDev	.00	.00020	.00006	.00015	.00002	.00009	.00012
%RSD	.00182	112.36	.04999	.01731	.20482	.09626	1.5036
#1	153.85	-.00032	.12130	.84329	.01080	.09338	.00805
#2	153.84	-.00004	.12138	.84349	.01083	.09350	.00788

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	930.54	.23996	.06307	.11753	162.14	.06769	.19421
SDev	1.00	.00012	.00041	.00012	.09	.00006	.00080
%RSD	.10709	.04957	.64945	.10311	.05562	.08783	.41196
#1	931.25	.24004	.06336	.11744	162.20	.06765	.19365
#2	929.84	.23987	.06278	.11762	162.07	.06773	.19478

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00850	35.783	2.7508	.00201	.18254	42.052	10.456
SDev	.00159	.012	.0003	.00005	.00039	.027	.004
%RSD	18.686	.03226	.01016	2.4627	.21277	.06527	.04101
#1	-.00963	35.791	2.7510	.00198	.18282	42.071	10.453
#2	-.00738	35.775	2.7506	.00205	.18227	42.032	10.459

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00162	.68245	.80424	.32558	.00212	.03660	.28064
SDev	.00061	.04564	.00155	.00016	.00306	.00093	.00020
%RSD	37.748	6.6871	.19337	.04953	144.12	2.5509	.07119

#1	-.00119	.71472	.80314	.32547	.00429	.03726	.28050
#2	-.00206	.65018	.80534	.32570	-.00004	.03594	.28078

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33694	.97763	.16419	.20923	.00214	-.01383
SDev	.00063	.27465	.00247	.00244	.00682	.00103

%RSD	.18577	28.093	1.5057	1.1644	318.78	7.4368
#1	.33649	1.1718	.16594	.20750	-.00268	-.01310
#2	.33738	.78343	.16244	.21095	.00697	-.01455

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	29965	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1557452	--	--	--	--	--	--
#1	29932	--	--	--	--	--	--
#2	29998	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-3-a Operator: SRP
Run Time: 01/25/12 18:56:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.90	.00342	.08894	.73882	.00716	.06793	.00603
SDev	.04	.00324	.00067	.00052	.00000	.00027	.00022
%RSD	.03507	94.778	.75627	.07060	.04232	.39227	3.7357
#1	102.87	.00113	.08941	.73845	.00716	.06812	.00619
#2	102.92	.00571	.08846	.73919	.00716	.06774	.00587

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1542.9	.14128	.04971	.08320	94.064	.05348	.13357
SDev	1.2	.00007	.00047	.00006	.015	.00001	.00065
%RSD	.08033	.04899	.94766	.07340	.01571	.01714	.48939
#1	1543.7	.14133	.05004	.08324	94.053	.05347	.13311
#2	1542.0	.14123	.04938	.08316	94.074	.05349	.13403

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00874	22.938	1.6109	.00158	.13205	31.290	11.442
SDev	.00186	.016	.0001	.00003	.00018	.020	.003
%RSD	21.305	.06816	.00868	1.8293	.13995	.06551	.02720
#1	-.01006	22.927	1.6108	.00160	.13191	31.304	11.439
#2	-.00742	22.949	1.6110	.00156	.13218	31.275	11.444

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00163	.99310	1.1042	.36268	.00208	.03284	.24795
SDev	.00031	.13228	.0007	.00025	.00044	.00158	.00020
%RSD	18.934	13.319	.06157	.06823	21.138	4.7971	.08163
#1	-.00141	1.0866	1.1046	.36251	.00239	.03172	.24809
#2	-.00185	.89957	1.1037	.36286	.00177	.03395	.24781

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.28369	.35281	.11353	.14359	-.00254	-.01184
SDev	.00001	.00807	.00070	.00063	.00173	.00366
%RSD	.00510	2.2874	.61970	.43788	67.851	30.877
#1	.28368	.35852	.11303	.14315	-.00132	-.01443
#2	.28371	.34711	.11403	.14404	-.00376	-.00926

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27255	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0051888	--	--	--	--	--	--
#1	27256	--	--	--	--	--	--
#2	27254	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-4-b Operator: SRP
Run Time: 01/25/12 19:00:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	215.94	.00016	.06762	.95759	.01343	.06783	.00769
SDev	.01	.00142	.00073	.00024	.00002	.00018	.00015
%RSD	.00510	911.64	1.0765	.02496	.13103	.26957	1.9810
#1	215.93	-.00085	.06813	.95743	.01344	.06795	.00779
#2	215.94	.00116	.06710	.95776	.01342	.06770	.00758

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	307.85	.23691	.08367	.16407	180.56	.09488	.17638
SDev	.29	.00055	.00010	.00019	.11	.00004	.00148
%RSD	.09438	.23088	.11583	.11857	.05867	.03836	.84218
#1	307.64	.23652	.08374	.16393	180.48	.09491	.17533
#2	308.05	.23730	.08360	.16420	180.63	.09486	.17743

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00891	42.795	4.1881	-.00009	.15938	65.279	8.6897
SDev	.00031	.029	.0039	.00012	.00003	.046	.0053
%RSD	3.4735	.06759	.09238	131.81	.02213	.07050	.06062
#1	-.00869	42.775	4.1854	-.00001	.15941	65.311	8.6859

#2	-.00913	42.816	4.1909	-.00017	.15936	65.246	8.6934

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	1.1006	1.2793	.25890	.00464	.03227	.32978
SDev	.00025	.1266	.0001	.00007	.00333	.00257	.00028
%RSD	10.448	11.507	.01005	.02860	71.721	7.9513	.08571
#1	-.00218	1.1902	1.2793	.25896	.00699	.03409	.32958
#2	-.00253	1.0111	1.2794	.25885	.00229	.03046	.32998

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29804	.58587	.13995	.19459	-.00398	-.01138
SDev	.00031	.00075	.00017	.00231	.00509	.00208
%RSD	.10272	.12874	.12038	1.1883	127.97	18.291
#1	.29783	.58640	.14007	.19295	-.00038	-.01285
#2	.29826	.58533	.13984	.19622	-.00758	-.00991

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33689	--	--	--	--	--	--
SDev	39.59798	--	--	--	--	--	--
%RSD	.1175398	--	--	--	--	--	--
#1	33661	--	--	--	--	--	--
#2	33717	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-5-b Operator: SRP
Run Time: 01/25/12 19:04:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	233.15	-.00054	.06994	1.1161	.01464	.07007	.00770
SDev	.48	.00321	.00074	.0011	.00002	.00109	.00003
%RSD	.20775	600.09	1.0636	.09848	.12385	1.5494	.33947
#1	233.49	-.00281	.06941	1.1169	.01465	.07084	.00768
#2	232.80	.00174	.07046	1.1153	.01463	.06930	.00772

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	276.99	.25704	.08194	.17786	193.66	.10468	.18429
SDev	.26	.00042	.00103	.00015	.22	.00012	.00009
%RSD	.09495	.16316	1.2533	.08599	.11548	.11245	.05013
#1	277.18	.25674	.08267	.17796	193.82	.10476	.18436
#2	276.81	.25733	.08122	.17775	193.50	.10459	.18423

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01072	46.147	4.3263	.00032	.17064	61.285	8.0989

SDev	.00004	.087	.0034	.00014	.00088	.053	.0133
%RSD	.40110	.18883	.07848	43.512	.51648	.08652	.16418
#1	-.01069	46.209	4.3287	.00042	.17126	61.322	8.1083
#2	-.01075	46.085	4.3239	.00022	.17001	61.248	8.0895

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00262	3.4266	3.7540	.31050	.00227	.02965	.38731
SDev	.00031	.0630	.0077	.00019	.00394	.00150	.00059
%RSD	11.891	1.8374	.20439	.06192	173.34	5.0436	.15240
#1	-.00240	3.4711	3.7594	.31063	.00506	.03070	.38772

#2	-.00284	3.3821	3.7486	.31036	-.00051	.02859	.38689

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32641	.61994	.14354	.20467	-.00103	-.01556
SDev	.00007	.00128	.00136	.00054	.00637	.00312
%RSD	.02211	.20560	.95110	.26580	616.52	20.056
#1	.32636	.62084	.14450	.20429	.00347	-.01777
#2	.32646	.61903	.14257	.20506	-.00554	-.01336

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34432	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.1745613	--	--	--	--	--	--
#1	34389	--	--	--	--	--	--
#2	34474	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49184-b-6-b Operator: SRP
Run Time: 01/25/12 19:08:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	155.02	.00136	.08930	1.0129	.00979	.10332	.00727
SDev	.25	.00234	.00349	.0008	.00002	.00002	.00000
%RSD	.15822	171.93	3.9103	.07944	.22027	.01594	.02265
#1	155.19	-.00029	.09177	1.0134	.00978	.10334	.00727
#2	154.84	.00301	.08684	1.0123	.00981	.10331	.00727

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1125.7	.19181	.05489	.10434	137.36	.08253	.13043
SDev	.1	.00002	.00005	.00071	.06	.00014	.00173
%RSD	.01213	.01244	.09817	.68359	.04261	.17077	1.3286
#1	1125.6	.19179	.05492	.10384	137.32	.08263	.12920

#2	1125.8	.19183	.05485	.10484	137.40	.08243	.13165

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00663	32.511	2.3540	.00180	.13757	41.814	11.949
SDev	.00220	.006	.0013	.00014	.00037	.088	.004
%RSD	33.236	.01826	.05579	7.5033	.27082	.20954	.03313
#1	-.00819	32.507	2.3530	.00171	.13783	41.876	11.952
#2	-.00507	32.516	2.3549	.00190	.13731	41.752	11.947

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00179	.97508	1.1390	.50171	.00118	.03237	.27656
SDev	.00011	.11925	.0014	.00024	.00014	.00044	.00007

%RSD	6.3455	12.230	.12458	.04751	11.914	1.3704	.02406
#1	-.00171	1.0594	1.1400	.50188	.00108	.03206	.27652
#2	-.00187	.89076	1.1380	.50154	.00128	.03268	.27661

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33860	.54310	.10379	.14375	-.00342	-.00824
SDev	.00025	.00048	.00057	.00231	.00678	.00008
%RSD	.07490	.08844	.54769	1.6106	198.46	1.0054
#1	.33878	.54344	.10338	.14211	-.00821	-.00818
#2	.33842	.54276	.10419	.14539	.00138	-.00830

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28878	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.1003943	--	--	--	--	--	--
#1	28857	--	--	--	--	--	--
#2	28898	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 19:11:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4698	.50783	.50599	.50517	.49612	.50391	.52176
SDev	.0022	.00321	.00387	.00074	.00039	.00108	.00028
%RSD	.09094	.63211	.76463	.14623	.07782	.21404	.05303
#1	2.4682	.50556	.50872	.50465	.49639	.50314	.52156
#2	2.4714	.51010	.50325	.50570	.49584	.50467	.52195

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.758	.49825	.50054	.48800	2.6089	.47399	.50827
SDev	.064	.00079	.00031	.00050	.0022	.00038	.00062
%RSD	.50249	.15845	.06213	.10257	.08554	.07939	.12134
#1	12.803	.49881	.50076	.48765	2.6073	.47373	.50784
#2	12.713	.49769	.50032	.48836	2.6105	.47426	.50871

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50535	5.0073	.49736	.51330	.52963	12.209	.96593
SDev	.00050	.0072	.00018	.00041	.00190	.025	.00705
%RSD	.09970	.14440	.03572	.07941	.35827	.20294	.73019
#1	.50500	5.0022	.49749	.51358	.53098	12.192	.97092
#2	.50571	5.0124	.49724	.51301	.52829	12.227	.96094

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24930	12.476	11.968	.25242	.52379	.52529	.50747
SDev	.00019	.048	.016	.00039	.00715	.00425	.00029
%RSD	.07758	.38506	.13664	.15392	1.3648	.80980	.05628
#1	.24917	12.442	11.956	.25215	.51874	.52228	.50768
#2	.24944	12.510	11.980	.25270	.52885	.52830	.50727

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50317	.55259	.49680	.51401	.50224	.50697
SDev	.00040	.00218	.00126	.00030	.00540	.00346
%RSD	.07886	.39396	.25368	.05738	1.0758	.68193
#1	.50346	.55105	.49591	.51380	.50606	.50452
#2	.50289	.55413	.49769	.51422	.49842	.50941

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27578	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.2615305	--	--	--	--	--	--
#1	27629	--	--	--	--	--	--
#2	27527	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 19:15:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01977	.00187	-.00096	.00031	.00016	.00068	.00029
SDev	.00269	.00019	.00044	.00003	.00001	.00074	.00006
%RSD	13.598	10.287	46.150	8.6991	5.5853	108.42	19.190

#1	.02168	.00173	-.00127	.00033	.00017	.00120	.00025
#2	.01787	.00200	-.00064	.00029	.00015	.00016	.00032

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02352	.00008	.00061	-.00051	.02139	.00036	.00073
SDev	.00600	.00038	.00000	.00049	.00670	.00001	.00033
%RSD	25.528	473.78	.09188	95.446	31.314	3.1823	44.696
#1	.01927	.00035	.00061	-.00017	.01666	.00035	.00096
#2	.02776	-.00019	.00061	-.00086	.02613	.00037	.00050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.01340	.00036	.00198	-.00004	.05239	.00078
SDev	.00237	.00136	.00003	.00164	.00049	.00126	.00120
%RSD	294.83	10.145	7.7064	82.981	1224.9	2.3996	154.54
#1	-.00087	.01244	.00038	.00313	.00031	.05328	.00163

#2	.00248	.01436	.00034	.00082	-.00039	.05150	-.00007

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.13882	.00923	.00019	.00081	.00341	.00037
SDev	.00006	.09862	.00087	.00000	.00015	.00102	.00014
%RSD	9.6517	71.043	9.3838	2.0169	19.107	29.823	36.565
#1	.00068	.20855	.00862	.00019	.00092	.00413	.00047
#2	.00059	.06908	.00985	.00019	.00070	.00269	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.03065	.00432	-.00107	.00212	.00015
SDev	.00019	.00014	.00024	.00061	.00127	.00420
%RSD	69.918	.45403	5.5885	57.314	59.824	2875.6
#1	.00042	.03056	.00415	-.00063	.00302	-.00282
#2	.00014	.03075	.00450	-.00150	.00123	.00311

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27480	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0926341	--	--	--	--	--	--
#1	27498	--	--	--	--	--	--
#2	27462	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70830/1-a Operator: SRP
Run Time: 01/25/12 19:19:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00866	-.00116	.00090	.00031	-.00005	-.00027	.00004
SDev	.00256	.00005	.00013	.00008	.00012	.00030	.00009
%RSD	29.593	4.0444	14.679	25.685	240.37	111.11	195.66
#1	.00684	-.00112	.00081	.00025	-.00013	-.00006	-.00002
#2	.01047	-.00119	.00100	.00037	.00003	-.00049	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	-.00042	.00017	-.00033	.02234	.00025	.00043
SDev	.01394	.00003	.00004	.00006	.00917	.00010	.00053
%RSD	2014.2	5.9437	26.203	18.283	41.051	39.533	123.43
#1	-.01055	-.00040	.00014	-.00037	.02882	.00018	.00081
#2	.00916	-.00044	.00020	-.00029	.01585	.00031	.00005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00187	.01899	.00016	.00010	-.00049	.08746	-.00085
SDev	.00149	.00141	.00008	.00009	.00056	.00028	.00011

%RSD	79.691	7.4380	52.578	83.871	114.47	.31474	12.302
#1	.00082	.01800	.00010	.00004	-.00089	.08726	-.00078
#2	.00293	.01999	.00022	.00016	-.00009	.08765	-.00093

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.14336	.01475	-.00005	-.00184	.00196	.00006
SDev	.00003	.01002	.00253	.00007	.00114	.00121	.00014
%RSD	6.7622	6.9930	17.140	148.46	61.646	62.017	243.64
#1	.00046	.13627	.01296	-.00010	-.00104	.00110	-.00004
#2	.00042	.15045	.01654	.00000	-.00265	.00282	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.03317	.00287	-.00079	.00240	.00161
SDev	.00018	.00229	.00091	.00034	.00145	.00297
%RSD	137.18	6.9169	31.705	43.544	60.506	184.59
#1	.00000	.03155	.00352	-.00055	.00343	-.00049
#2	.00026	.03479	.00223	-.00103	.00138	.00370

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27761	--	--	--	--	--	--
SDev	36.76955	--	--	--	--	--	--
%RSD	.1324504	--	--	--	--	--	--
#1	27735	--	--	--	--	--	--
#2	27787	--	--	--	--	--	--

01/25/12 07:27:15 PM page 28

Method: 20076010 Sample Name: lcs 600-70830/2-a Operator: SRP
Run Time: 01/25/12 19:23:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9112	1.0228	1.0261	1.0284	.50196	1.0283	.52596
SDev	.0069	.0023	.0035	.0017	.00139	.0013	.00118
%RSD	.06922	.22060	.34008	.16978	.27775	.12708	.22378
#1	9.9161	1.0212	1.0285	1.0296	.50295	1.0292	.52680
#2	9.9064	1.0244	1.0236	1.0272	.50098	1.0274	.52513

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.286	1.0071	1.0154	.99086	10.397	.47642	1.0273
SDev	.031	.0023	.0029	.00094	.034	.00091	.0025
%RSD	.29695	.22904	.29012	.09486	.32760	.19090	.24252
#1	10.308	1.0087	1.0175	.99152	10.421	.47706	1.0291
#2	10.264	1.0054	1.0134	.99019	10.373	.47578	1.0256

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0263	10.093	1.0070	1.0419	1.0520	9.9745	.95088
SDev	.0018	.022	.0024	.0017	.0074	.0255	.00348
%RSD	.17855	.22037	.23817	.16548	.70634	.25586	.36612
#1	1.0250	10.109	1.0087	1.0407	1.0572	9.9925	.95334
#2	1.0276	10.078	1.0053	1.0431	1.0467	9.9564	.94842

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50931	9.7557	9.7686	.51426	1.0617	1.0329	1.0214
SDev	.00084	.1607	.0095	.00114	.0069	.0052	.0019
%RSD	.16415	1.6471	.09720	.22205	.64629	.50669	.18364
#1	.50991	9.8693	9.7753	.51506	1.0568	1.0366	1.0227
#2	.50872	9.6421	9.7619	.51345	1.0665	1.0292	1.0200

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0164	1.0644	1.0035	1.0393	1.0112	1.0338
SDev	.0015	.0006	.0013	.0031	.0041	.0048
%RSD	.15082	.05908	.13196	.29591	.40617	.46450
#1	1.0175	1.0649	1.0044	1.0415	1.0141	1.0304
#2	1.0153	1.0640	1.0026	1.0371	1.0083	1.0372

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27550	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0384988	--	--	--	--	--	--

#1	27543	--	--	--	--	--	--
#2	27558	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-70826/1-b Operator: SRP
Run Time: 01/25/12 19:27:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00632	.00055	.00143	.00087	-.00006	.00135	.00012
SDev	.00007	.00156	.00141	.00001	.00002	.00133	.00008
%RSD	1.0860	285.14	98.250	1.1963	28.502	98.557	64.855
#1	.00627	.00165	.00044	.00086	-.00007	.00229	.00018
#2	.00637	-.00056	.00243	.00087	-.00005	.00041	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00810	-.00026	.00029	-.00012	.01535	.00022	-.00029
SDev	.00194	.00000	.00004	.00006	.00422	.00002	.00060
%RSD	23.931	.06256	14.965	50.783	27.477	8.7238	205.70
#1	.00673	-.00026	.00026	-.00016	.01834	.00020	.00013
#2	.00947	-.00026	.00032	-.00008	.01237	.00023	-.00071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00310	.01703	.00041	.00313	.00014	.07427	.00131
SDev	.00010	.00132	.00000	.00142	.00046	.00133	.00075
%RSD	3.2920	7.7287	.19741	45.456	333.99	1.7911	57.518
#1	.00303	.01610	.00041	.00414	.00046	.07333	.00185
#2	.00318	.01796	.00041	.00212	-.00019	.07521	.00078

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.14670	.01305	.00012	.00328	.00165	.00017
SDev	.00024	.02553	.00005	.00001	.00171	.00156	.00003
%RSD	63.253	17.402	.34667	7.7278	52.041	94.514	19.214
#1	.00055	.16475	.01308	.00011	.00449	.00055	.00019
#2	.00021	.12865	.01302	.00013	.00208	.00275	.00014

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.03144	.00331	-.00209	.00036	.00448
SDev	.00001	.00009	.00043	.00111	.00104	.00068
%RSD	43.758	.29704	12.989	53.119	289.96	15.072
#1	.00004	.03138	.00300	-.00130	.00110	.00400
#2	.00002	.03151	.00361	-.00287	-.00038	.00495

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/25/12 07:31:06 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27896	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1546253	--	--	--	--	--	--
#1	27865	--	--	--	--	--	--
#2	27926	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49310-b-1-b Operator: SRP
Run Time: 01/25/12 19:31:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01567	.00058	.11727	.10986	-.00019	.11178	.00011
SDev	.00278	.00070	.00214	.00157	.00005	.00153	.00000
%RSD	17.758	120.12	1.8284	1.4274	25.705	1.3672	.46310
#1	.01764	.00009	.11879	.11097	-.00022	.11286	.00011
#2	.01371	.00108	.11576	.10875	-.00015	.11070	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	170.05	.00139	.01087	.00376	.11713	.00500	-.00014
SDev	2.38	.00010	.00037	.00025	.02161	.00009	.00015
%RSD	1.4005	7.0187	3.4326	6.6169	18.447	1.8557	103.25

#1	171.73	.00146	.01113	.00359	.13241	.00507	-.00004
#2	168.37	.00132	.01060	.00394	.10185	.00494	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	30.515	1.5750	.00872	.13448	10.859	4.5959
SDev	.00122	.449	.0230	.00072	.00311	.172	.0625
%RSD	72.508	1.4722	1.4633	8.2004	2.3148	1.5840	1.3593
#1	.00082	30.832	1.5913	.00922	.13668	10.980	4.6401
#2	.00254	30.197	1.5587	.00821	.13228	10.737	4.5518

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	114.55	96.499	.83291	-.00207	.00248	-.00087
SDev	.00028	1.50	1.304	.01257	.00235	.00133	.00002
%RSD	62.791	1.3058	1.3512	1.5088	113.62	53.372	2.6000
#1	.00063	115.61	97.421	.84180	-.00041	.00342	-.00088
#2	.00024	113.50	95.577	.82403	-.00373	.00155	-.00085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.12676	.00096	-.00069	.00097	.00203
SDev	.00008	.00141	.00088	.00066	.00284	.00040
%RSD	82.607	1.1125	91.417	95.052	292.03	19.786
#1	-.00016	.12776	.00034	-.00023	-.00104	.00174

#2	-.00004	.12576	.00158	-.00116	.00299	.00231

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27166	--	--	--	--	--	--
SDev	320.3194	--	--	--	--	--	--
%RSD	1.179140	--	--	--	--	--	--
#1	26939	--	--	--	--	--	--
#2	27392	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49310-b-1-c du Operator: SRP
Run Time: 01/25/12 19:35:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01339	-.00034	.11457	.10983	-.00017	.11035	.00023
SDev	.00139	.00057	.00304	.00029	.00001	.00007	.00008
%RSD	10.417	167.66	2.6558	.26113	6.8709	.06249	33.541
#1	.01437	-.00074	.11672	.11003	-.00018	.11040	.00029
#2	.01240	.00006	.11242	.10962	-.00016	.11030	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.92	.00107	.01119	.00390	.13247	.00498	-.00007

SDev	.22	.00013	.00017	.00016	.00091	.00001	.00008
%RSD	.13057	11.986	1.5146	4.1959	.68737	.23292	107.38
#1	168.76	.00116	.01131	.00401	.13312	.00499	-.00013
#2	169.07	.00098	.01107	.00378	.13183	.00498	-.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	30.305	1.5639	.00859	.13366	10.805	4.5629
SDev	.00082	.007	.0011	.00040	.00016	.036	.0085
%RSD	315.71	.02378	.07100	4.7216	.11664	.33186	.18710
#1	.00084	30.300	1.5631	.00887	.13355	10.830	4.5690
#2	-.00032	30.310	1.5647	.00830	.13377	10.780	4.5569

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	114.36	96.322	.82766	.00144	.00106	-.00088
SDev	.00003	.42	.366	.00173	.00221	.00011	.00007
%RSD	7.1345	.36776	.37975	.20888	152.92	9.9542	7.6198
#1	.00046	114.66	96.581	.82888	-.00012	.00099	-.00083
#2	.00041	114.06	96.064	.82643	.00301	.00113	-.00093

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.12402	.00449	-.00235	.00198	-.00060

SDev	.00000	.00053	.00175	.00099	.00229	.00009
%RSD	10.397	.42743	38.929	42.055	115.32	15.562
#1	-.00003	.12365	.00572	-.00305	.00360	-.00053
#2	-.00004	.12440	.00325	-.00165	.00037	-.00067

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27112	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0365133	--	--	--	--	--	--
#1	27119	--	--	--	--	--	--
#2	27105	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49310-b-1-d ms Operator: SRP
Run Time: 01/25/12 19:38:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.119	1.0350	1.1555	1.1173	.49345	1.1515	.50457
SDev	.011	.0004	.0081	.0027	.00080	.0022	.00090
%RSD	.10481	.03929	.70513	.24019	.16110	.18982	.17942
#1	10.112	1.0347	1.1498	1.1154	.49289	1.1500	.50521
#2	10.127	1.0353	1.1613	1.1192	.49401	1.1531	.50393

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	178.13	.97749	.99644	.98873	10.160	.54722	1.0012
SDev	.08	.00163	.00180	.00196	.003	.00054	.0022
%RSD	.04351	.16679	.18024	.19831	.02570	.09829	.22027
#1	178.08	.97634	.99517	.98734	10.158	.54684	.99963
#2	178.19	.97865	.99771	.99011	10.162	.54760	1.0028

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0293	40.124	2.5295	1.0416	1.1365	22.717	5.6409
SDev	.0032	.057	.0031	.0029	.0024	.015	.0053
%RSD	.30722	.14166	.12089	.28235	.20934	.06544	.09348
#1	1.0270	40.083	2.5273	1.0395	1.1382	22.707	5.6372
#2	1.0315	40.164	2.5316	1.0437	1.1348	22.728	5.6447

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51007	126.59	106.28	1.3386	1.0568	1.0303	1.0032
SDev	.00111	.08	.02	.0027	.0113	.0011	.0020
%RSD	.21777	.06303	.01721	.19964	1.0669	.10727	.19850
#1	.50928	126.53	106.27	1.3367	1.0488	1.0311	1.0018
#2	.51085	126.65	106.29	1.3405	1.0647	1.0296	1.0046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0011	1.1359	.97517	1.0142	1.0197	1.0341
SDev	.0009	.0020	.00112	.0027	.0027	.0034
%RSD	.09407	.17698	.11439	.27119	.26378	.32863
#1	1.0005	1.1345	.97438	1.0123	1.0177	1.0317
#2	1.0018	1.1373	.97596	1.0162	1.0216	1.0365

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27030	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.2851501	--	--	--	--	--	--
#1	27084	--	--	--	--	--	--
#2	26975	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49310-b-1-e msd Operator: SRP
Run Time: 01/25/12 19:42:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.217	1.0434	1.1565	1.1295	.49475	1.1589	.50368
SDev	.014	.0002	.0005	.0010	.00015	.0003	.00041
%RSD	.13345	.02091	.03977	.09192	.02953	.02542	.08103
#1	10.207	1.0436	1.1562	1.1287	.49464	1.1587	.50397
#2	10.226	1.0433	1.1569	1.1302	.49485	1.1591	.50340

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	178.20	.97888	.99789	.99918	10.183	.55363	1.0005
SDev	.03	.00020	.00059	.00268	.017	.00075	.0000
%RSD	.01790	.02081	.05928	.26854	.16667	.13609	.00051
#1	178.22	.97903	.99831	.99728	10.195	.55310	1.0005
#2	178.17	.97874	.99747	1.0011	10.171	.55417	1.0005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0336	40.239	2.5374	1.0446	1.1287	22.995	5.6685
SDev	.0017	.016	.0003	.0016	.0004	.008	.0042
%RSD	.16922	.03892	.01326	.15335	.03928	.03677	.07387
#1	1.0324	40.228	2.5376	1.0435	1.1291	22.989	5.6656
#2	1.0348	40.250	2.5372	1.0458	1.1284	23.001	5.6715

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51335	127.88	107.48	1.3499	1.0615	1.0285	1.0085
SDev	.00003	.11	.06	.0009	.0036	.0027	.0006

%RSD	.00620	.08732	.05448	.06849	.33674	.26285	.05922
#1	.51332	127.80	107.44	1.3492	1.0590	1.0304	1.0081
#2	.51337	127.96	107.52	1.3505	1.0641	1.0266	1.0090

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0055	1.1371	.97770	1.0119	1.0241	1.0384
SDev	.0005	.0008	.00043	.0002	.0053	.0000
%RSD	.05135	.06993	.04368	.02185	.51469	.00114
#1	1.0052	1.1365	.97740	1.0121	1.0204	1.0384
#2	1.0059	1.1376	.97801	1.0118	1.0278	1.0383

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26633	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.1168201	--	--	--	--	--	--
#1	26611	--	--	--	--	--	--
#2	26655	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49310-b-1-b Operator: SRP
Run Time: 01/25/12 19:46:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8005	1.0181	1.1176	1.0918	.47038	1.1137	.48709
SDev	.0121	.0008	.0050	.0006	.00156	.0029	.00157
%RSD	.12374	.07623	.44968	.05629	.33178	.26313	.32282

#1	9.8090	1.0186	1.1141	1.0913	.46928	1.1116	.48598
#2	9.7919	1.0175	1.1212	1.0922	.47149	1.1158	.48821

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	179.85	.94705	.95338	.95628	9.7156	1.0747	.96721
SDev	.55	.00296	.00205	.00016	.0156	.0003	.00442
%RSD	.30809	.31271	.21477	.01718	.16024	.02936	.45736
#1	179.46	.94496	.95193	.95616	9.7046	1.0749	.96408
#2	180.24	.94915	.95483	.95640	9.7266	1.0745	.97033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98005	40.157	2.5295	.99805	1.0945	22.566	5.7400
SDev	.00339	.099	.0065	.00668	.0066	.005	.0002
%RSD	.34612	.24644	.25777	.66952	.60557	.02381	.00303
#1	.97765	40.087	2.5249	.99332	1.0898	22.569	5.7399
#2	.98245	40.227	2.5342	1.0028	1.0991	22.562	5.7401

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48880	128.26	107.87	1.3332	1.0072	.98019	.96753
SDev	.00162	.18	.08	.0010	.0135	.00134	.00175
%RSD	.33172	.13740	.07514	.07144	1.3360	.13679	.18070
#1	.48766	128.39	107.92	1.3326	.99769	.97924	.96630
#2	.48995	128.14	107.81	1.3339	1.0167	.98114	.96877

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95874	1.1021	.94738	.97712	.96912	.98552
SDev	.00301	.0032	.00494	.00416	.00496	.00261
%RSD	.31436	.29400	.52176	.42614	.51181	.26465
#1	.95660	1.0998	.94389	.97418	.96561	.98368
#2	.96087	1.1044	.95088	.98006	.97262	.98737

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26560	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0665587	--	--	--	--	--	--
#1	26572	--	--	--	--	--	--
#2	26547	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49310-b-1-b@5 Operator: SRP
Run Time: 01/25/12 19:50:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01115	.00177	.02658	.02501	-.00012	.02672	.00016
SDev	.00345	.00008	.00018	.00001	.00002	.00054	.00014

%RSD	30.961	4.7156	.67952	.05562	14.602	2.0182	88.791
#1	.00871	.00183	.02645	.02500	-.00013	.02710	.00006
#2	.01359	.00171	.02670	.02502	-.00011	.02634	.00026
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.298	.00037	.00270	.00046	.05591	.00131	.00037
SDev	.031	.00008	.00004	.00014	.00407	.00008	.00021
%RSD	.07978	20.924	1.4937	29.768	7.2718	5.8354	56.559
#1	39.321	.00032	.00273	.00037	.05878	.00125	.00052
#2	39.276	.00043	.00267	.00056	.05303	.00136	.00022
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	6.9205	.36016	.00478	.03099	2.1040	1.0041
SDev	.00382	.0005	.00038	.00124	.00027	.0031	.0035
%RSD	922.50	.00664	.10549	25.918	.86015	.14533	.34482

#1	.00312	6.9202	.36043	.00565	.03118	2.1018	1.0065
#2	-.00229	6.9208	.35990	.00390	.03080	2.1062	1.0016
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	22.307	20.533	.18420	.00406	.00211	-.00004
SDev	.00019	.027	.005	.00003	.00250	.00067	.00005
%RSD	93.645	.12276	.02243	.01727	61.633	31.860	104.18
#1	.00033	22.327	20.536	.18422	.00583	.00164	-.00001
#2	.00007	22.288	20.530	.18417	.00229	.00259	-.00008
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00012	.04586	.00278	-.00084	-.00241	.00182	
SDev	.00008	.00027	.00005	.00034	.00913	.00117	
%RSD	67.368	.59758	1.7949	40.403	379.48	63.956	
#1	.00006	.04567	.00274	-.00060	.00405	.00265	
#2	.00017	.04606	.00281	-.00107	-.00887	.00100	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27299	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1761356	--	--	--	--	--	--
#1	27333	--	--	--	--	--	--
#2	27265	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 19:54:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2.4705	.50764	.50753	.50576	.49818	.50629	.52352
SDev	.0053	.00082	.00262	.00019	.00009	.00045	.00023
%RSD	.21366	.16126	.51570	.03857	.01776	.08888	.04413
#1	2.4668	.50822	.50568	.50562	.49824	.50597	.52368
#2	2.4743	.50706	.50938	.50589	.49811	.50661	.52335

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.724	.50021	.50259	.48983	2.6167	.47376	.50976
SDev	.004	.00032	.00028	.00049	.0006	.00076	.00085
%RSD	.03223	.06314	.05542	.10010	.02303	.16010	.16629
#1	12.726	.50044	.50240	.48948	2.6162	.47323	.50916
#2	12.721	.49999	.50279	.49018	2.6171	.47430	.51036

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50922	5.0185	.49806	.51608	.51646	12.207	.94920
SDev	.00192	.0018	.00019	.00243	.00193	.023	.00086
%RSD	.37699	.03536	.03779	.47121	.37414	.19018	.09048
#1	.51058	5.0197	.49819	.51436	.51510	12.191	.94981
#2	.50786	5.0172	.49792	.51780	.51783	12.224	.94859

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24984	12.565	12.000	.25276	.52191	.52712	.50834
SDev	.00003	.028	.031	.00021	.00604	.00110	.00021
%RSD	.01285	.22289	.25749	.08360	1.1579	.20860	.04133
#1	.24982	12.584	11.978	.25261	.51763	.52790	.50848
#2	.24986	12.545	12.021	.25291	.52618	.52634	.50819

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50366	.53891	.50125	.51401	.50851	.50963
SDev	.00009	.00030	.00099	.00077	.00146	.00361
%RSD	.01739	.05532	.19812	.15077	.28743	.70842
#1	.50360	.53912	.50055	.51346	.50748	.51218
#2	.50372	.53870	.50196	.51456	.50955	.50708

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27430	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0128891	--	--	--	--	--	--
#1	27433	--	--	--	--	--	--
#2	27428	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 19:58:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01705	.00163	-.00066	.00033	.00022	.00123	.00030
SDev	.00247	.00092	.00022	.00001	.00002	.00076	.00025
%RSD	14.461	56.533	32.964	3.6165	7.0384	61.987	82.983
#1	.01879	.00228	-.00082	.00034	.00021	.00177	.00048
#2	.01531	.00098	-.00051	.00032	.00023	.00069	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02139	-.00003	.00049	-.00039	.01679	.00050	-.00009
SDev	.00020	.00033	.00034	.00023	.02091	.00002	.00022
%RSD	.92901	1120.7	68.947	58.868	124.52	3.2114	237.44

#1	.02125	.00020	.00073	-.00023	.03158	.00049	.00006
#2	.02153	-.00026	.00025	-.00055	.00201	.00051	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00312	.02348	.00036	.00160	.00034	.08549	-.00643
SDev	.00023	.00101	.00003	.00066	.00003	.00047	.00007
%RSD	7.2636	4.3131	7.8380	41.150	10.414	.55528	1.0311
#1	.00296	.02419	.00037	.00207	.00036	.08582	-.00639
#2	.00328	.02276	.00034	.00113	.00031	.08515	-.00648

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.06869	.01298	.00019	.00383	.00024	.00034
SDev	.00055	.17281	.00087	.00001	.00173	.00052	.00009
%RSD	130.29	251.57	6.7350	2.8923	45.246	218.37	27.960
#1	.00081	.19089	.01236	.00019	.00506	-.00013	.00040
#2	.00003	-.05350	.01360	.00018	.00261	.00060	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.01945	.00479	-.00253	.00618	.00158
SDev	.00010	.00041	.00056	.00061	.00125	.00029
%RSD	115.47	2.1143	11.679	23.887	20.270	18.155
#1	.00015	.01974	.00440	-.00211	.00530	.00178
#2	.00002	.01916	.00519	-.00296	.00707	.00138

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27646	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0076733	--	--	--	--	--	--
#1	27644	--	--	--	--	--	--
#2	27647	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP

Run Time: 01/25/12 20:01:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10563	.01076	.00917	.01049	.00486	.01024	.00541
SDev	.00076	.00071	.00005	.00000	.00000	.00049	.00005
%RSD	.71640	6.5750	.57024	.00495	.02603	4.8180	.87041
#1	.10510	.01126	.00921	.01049	.00486	.01059	.00537
#2	.10617	.01026	.00914	.01049	.00486	.00989	.00544

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08955	.01020	.01001	.00903	.11012	.00919	.01156
SDev	.00074	.00021	.00005	.00001	.00333	.00001	.00042
%RSD	.82410	2.0506	.48140	.08124	3.0249	.09578	3.6242
#1	.08903	.01035	.01004	.00903	.10777	.00919	.01186
#2	.09007	.01005	.00997	.00902	.11248	.00920	.01127

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00976	.10384	.01038	.01103	.01059	.62085	.00361
SDev	.00143	.00030	.00003	.00090	.00074	.00032	.00012
%RSD	14.638	.29347	.33222	8.1644	6.9846	.05181	3.3388
#1	.00875	.10405	.01041	.01166	.01111	.62063	.00353
#2	.01077	.10362	.01036	.01039	.01006	.62108	.00370

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00526	.64018	.54898	.00505	.00880	.01196	.01030
SDev	.00043	.00017	.00228	.00001	.00015	.00082	.00002
%RSD	8.0862	.02735	.41525	.10206	1.6423	6.8514	.21959
#1	.00496	.64030	.54737	.00506	.00891	.01254	.01028
#2	.00556	.64006	.55060	.00505	.00870	.01138	.01031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00982	.02701	.01581	.00944	.00949	.00989
SDev	.00007	.00032	.00089	.00107	.00478	.00025
%RSD	.76323	1.1862	5.6243	11.370	50.341	2.4832
#1	.00976	.02724	.01518	.01020	.00611	.01007
#2	.00987	.02679	.01644	.00868	.01287	.00972

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27456	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.0618100	--	--	--	--	--	--
#1	27444	--	--	--	--	--	--

#2	27468	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/25/12 20:05:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	493.09	-.00014	-.00199	.00162	-.00040	-.00353	.00590
SDev	.38	.00164	.00035	.00002	.00004	.00050	.00002

%RSD	.07767	1143.7	17.386	1.2386	9.8299	14.189	.41041
#1	493.37	-.00130	-.00223	.00160	-.00043	-.00389	.00591
#2	492.82	.00102	-.00174	.00163	-.00037	-.00318	.00588

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	454.01	.00105	.00015	.01211	191.51	.00475	.01150
SDev	.59	.00017	.00028	.00007	.00	.00004	.00152
%RSD	.13002	15.921	187.08	.59667	.00197	.84301	13.204
#1	453.59	.00093	.00035	.01206	191.51	.00478	.01257
#2	454.43	.00117	-.00005	.01216	191.51	.00472	.01043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01126	498.99	-.00795	-.00051	.00182	.16328	.00656
SDev	.00063	.41	.00004	.00022	.00049	.00599	.00039
%RSD	5.6028	.08164	.48309	43.496	26.684	3.6712	5.9715
#1	-.01082	498.70	-.00792	-.00067	.00216	.15905	.00628
#2	-.01171	499.27	-.00797	-.00035	.00147	.16752	.00683

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	.24216	.16398	-.00902	.01543	.00457	-.00266
SDev	.00007	.21278	.00156	.00001	.00448	.00291	.00001
%RSD	29.213	87.868	.95322	.11940	29.037	63.533	.49860
#1	-.00018	.39262	.16287	-.00901	.01860	.00252	-.00267
#2	-.00028	.09170	.16508	-.00903	.01226	.00663	-.00266

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00483	.02673	-.06268	.04859	.00564	-.01971
SDev	.00049	.00051	.00425	.00015	.00416	.00113
%RSD	10.245	1.9160	6.7803	.31392	73.728	5.7413
#1	.00448	.02636	-.05968	.04870	.00858	-.02051
#2	.00518	.02709	-.06569	.04848	.00270	-.01891

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24998	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--

%RSD	.0084858	--	--	--	--	--	--
#1	25000	--	--	--	--	--	--
#2	24997	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/25/12 20:09:41
Comment: TRACE 61E

Analysis Report Blank Sample 01/25/12 08:13:29 PM page 41

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	501.87	1.0521	1.0329	1.0327	.47421	1.0489	.49116
SDev	.17	.0019	.0053	.0004	.00033	.0001	.00103
%RSD	.03485	.17668	.51740	.03579	.06923	.00610	.20884
#1	502.00	1.0534	1.0291	1.0325	.47398	1.0489	.49043
#2	501.75	1.0508	1.0367	1.0330	.47445	1.0488	.49189

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.58	.95172	.92152	1.0420	200.97	1.2425	.98460
SDev	.28	.00073	.00057	.0000	.11	.0010	.00220
%RSD	.06016	.07639	.06142	.00054	.05230	.08052	.22381
#1	461.38	.95120	.92112	1.0420	200.90	1.2432	.98304
#2	461.78	.95223	.92192	1.0420	201.04	1.2418	.98616

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98856	508.76	.95335	1.0037	.92685	14.588	.96129
SDev	.00021	.35	.00027	.0023	.00457	.030	.00211
%RSD	.02112	.06856	.02851	.22817	.49339	.20320	.21929
#1	.98842	508.51	.95316	1.0020	.93008	14.609	.96278
#2	.98871	509.00	.95354	1.0053	.92361	14.567	.95980

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53366	12.206	13.721	.50106	1.0130	1.0101	.98690
SDev	.00078	.094	.023	.00015	.0035	.0006	.00016
%RSD	.14555	.77193	.16795	.03004	.34864	.05462	.01655
#1	.53312	12.273	13.737	.50117	1.0106	1.0097	.98679
#2	.53421	12.139	13.705	.50096	1.0155	1.0105	.98702

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97666	1.0419	.88639	1.0337	.99324	.98623
SDev	.00008	.0018	.00037	.0031	.00234	.00085
%RSD	.00789	.16955	.04193	.30178	.23525	.08670
#1	.97672	1.0406	.88612	1.0315	.99159	.98683
#2	.97661	1.0431	.88665	1.0359	.99489	.98562

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	24877	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	24877	--	--	--	--	--	--
#2	24877	--	--	--	--	--	--

Analysis Report Blank Sample 01/25/12 08:13:29 PM page 42

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/25/12 20:13:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7710	.50765	.50448	.50586	.49362	.50423	.51674
SDev	.1766	.00344	.00146	.00028	.00031	.00064	.00025
%RSD	6.3734	.67744	.28995	.05543	.06345	.12598	.04886
#1	2.8959	.51008	.50552	.50566	.49384	.50378	.51692
#2	2.6461	.50522	.50345	.50606	.49340	.50468	.51656

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.877	.49604	.49914	.49092	2.7183	.47561	.50606
SDev	.189	.00067	.00016	.00082	.0802	.00085	.00164
%RSD	1.4673	.13573	.03129	.16662	2.9521	.17783	.32337
#1	13.010	.49651	.49925	.49034	2.7751	.47501	.50721
#2	12.743	.49556	.49903	.49150	2.6616	.47621	.50490

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51119	5.2897	.49558	.51405	.50083	12.255	.94187
SDev	.00009	.1986	.00014	.00106	.00019	.037	.00006
%RSD	.01789	3.7548	.02871	.20644	.03800	.30368	.00661
#1	.51126	5.4302	.49568	.51480	.50097	12.229	.94191
#2	.51113	5.1493	.49548	.51330	.50070	12.281	.94182

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24940	12.611	12.007	.25248	.52077	.52163	.50676
SDev	.00007	.047	.029	.00013	.00313	.00011	.00015
%RSD	.02746	.36886	.24108	.05197	.60183	.02045	.02904
#1	.24935	12.578	11.986	.25239	.51855	.52171	.50686
#2	.24945	12.644	12.027	.25257	.52299	.52156	.50665

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50164	.53359	.49757	.51030	.50484	.51443
SDev	.00008	.00062	.00035	.00228	.00310	.00141
%RSD	.01624	.11703	.07017	.44681	.61378	.27451
#1	.50158	.53404	.49782	.51191	.50703	.51343
#2	.50170	.53315	.49733	.50868	.50265	.51543

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27061	--	--	--	--	--	--

Analysis Report Blank Sample 01/25/12 08:17:20 PM page 43

SDev	29.69848	--	--	--	--	--	--
%RSD	.1097464	--	--	--	--	--	--
#1	27040	--	--	--	--	--	--
#2	27082	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/25/12 20:17:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12802	.00013	.00182	.00054	.00040	.00133	.00055
SDev	.05512	.00051	.00151	.00017	.00013	.00051	.00020
%RSD	43.056	387.47	82.894	31.962	31.401	38.207	35.804
#1	.16699	.00049	.00288	.00067	.00049	.00169	.00069
#2	.08904	-.00023	.00075	.00042	.00031	.00097	.00041

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14624	.00020	.00053	-.00025	.05949	.00060	.00048
SDev	.06407	.00015	.00013	.00033	.02110	.00018	.00010
%RSD	43.810	76.189	24.236	134.00	35.473	29.910	21.495
#1	.19154	.00030	.00044	-.00001	.07442	.00073	.00041
#2	.10094	.00009	.00062	-.00048	.04457	.00047	.00055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	.13938	.00062	.00263	.00078	.07641	-.00716
SDev	.00019	.05898	.00019	.00117	.00010	.00532	.00066
%RSD	12.058	42.313	31.066	44.426	12.344	6.9656	9.1895
#1	.00173	.18109	.00076	.00346	.00084	.08017	-.00762
#2	.00146	.09768	.00049	.00181	.00071	.07265	-.00669

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.02038	.02196	.00030	.00195	.00312	.00058
SDev	.00012	.00906	.00381	.00010	.00070	.00030	.00016
%RSD	36.102	44.438	17.354	31.845	35.994	9.7427	27.221
#1	.00025	.02678	.02466	.00037	.00245	.00290	.00069
#2	.00042	.01397	.01927	.00023	.00145	.00333	.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.01756	.00216	-.00036	.00102	.00189
SDev	.00010	.00033	.00001	.00016	.00006	.00026
%RSD	46.651	1.8833	.28422	44.264	6.1749	13.656
#1	.00029	.01779	.00216	-.00047	.00107	.00207

#2	.00014	.01733	.00216	-.00025	.00098	.00170

Analysis Report Blank Sample 01/25/12 08:21:12 PM page 44

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27844	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.1955473	--	--	--	--	--	--
#1	27805	--	--	--	--	--	--
#2	27882	--	--	--	--	--	--

Method: 20076010 01/30/12 10:45:00 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : B013012	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 01/30/12 10:51:28 AM page 1

Method: 20076010 Standard: S0
Run Time: 01/30/12 10:48:05

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01093	.00245	-.00106	.00041	-.02540	.00444	.00033
SDev	.00006	.00100	.00050	.00000	.00009	.00103	.00021
%RSD	.57073	40.849	47.007	.14958	.36693	23.223	62.974
#1	.01089	.00316	-.00071	.00041	-.02534	.00516	.00048
#2	.01097	.00174	-.00141	.00041	-.02547	.00371	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00700	.00041	-.00059	.00527	-.00089	.04175	.02158
SDev	.00002	.00016	.00000	.00006	.00021	.00017	.00001
%RSD	.22554	38.708	.14958	1.1455	23.425	.40100	.02798
#1	.00698	.00052	-.00059	.00531	-.00074	.04187	.02158
#2	.00701	.00030	-.00059	.00523	-.00104	.04163	.02158

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00033	.00059	-.00286	.31514	.04268	-.00037	-.00241
SDev	.00000	.00026	.00047	.00044	.00033	.00011	.00053
%RSD	.14958	44.329	16.382	.14125	.76445	28.428	21.903
#1	.00033	.00078	-.00253	.31545	.04291	-.00045	-.00279
#2	.00033	.00041	-.00319	.31482	.04245	-.00030	-.00204

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.12986	.00527	-.00206	.00085	-.00241	-.00002	.00167
SDev	.00098	.00006	.00002	.00194	.00010	.00003	.00000
%RSD	.75584	1.1455	1.1245	227.74	4.2020	141.42	.14958
#1	.13055	.00531	-.00204	-.00052	-.00234	.00000	.00167
#2	.12916	.00523	-.00208	.00222	-.00248	-.00004	.00167

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.01141	-.00397	-.00735	.00599

SDev	.00130	.00183	.00125	.00128
%RSD	11.416	46.126	16.995	21.308
#1	.01233	-.00267	-.00646	.00509
#2	.01049	-.00526	-.00823	.00690

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26946	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1495800	--	--	--	--	--	--
#1	26917	--	--	--	--	--	--
#2	26974	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 01/30/12 10:51:45

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	1.2060	1.1703	1.1956	16.968	22.635	7.3345	12.762
SDev	.0024	.0016	.0002	.014	.021	.0025	.020
%RSD	.20221	.13979	.01639	.08273	.09282	.03357	.15782
#1	1.2078	1.1715	1.1955	16.959	22.620	7.3328	12.748
#2	1.2043	1.1692	1.1958	16.978	22.649	7.3363	12.776

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.8523	2.3835	1.4065	1.7720	4.9493	25.303	1.2710
SDev	.0010	.0007	.0007	.0018	.0003	.031	.0002
%RSD	.03579	.02876	.05177	.10186	.00630	.12439	.01838
#1	2.8516	2.3839	1.4070	1.7733	4.9490	25.326	1.2708
#2	2.8530	2.3830	1.4060	1.7707	4.9495	25.281	1.2712

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.0681	1.8950	5.4424	3.2752	1.0115	.92493	.17085
SDev	.0015	.0090	.0123	.0039	.0040	.00061	.00060
%RSD	.07416	.47425	.22582	.11804	.39904	.06583	.34865
#1	2.0670	1.8886	5.4511	3.2780	1.0144	.92536	.17127
#2	2.0692	1.9013	5.4337	3.2725	1.0087	.92450	.17043

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	21.473	52.213	.36110	2.7543	13.550	.63408	3.4266
SDev	.040	.046	.00045	.0006	.008	.00015	.0044
%RSD	.18797	.08882	.12454	.02123	.06261	.02291	.12982
#1	21.501	52.180	.36078	2.7538	13.544	.63419	3.4235
#2	21.444	52.246	.36142	2.7547	13.556	.63398	3.4298

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.0525	7.9582	1.3018	1.1566
SDev	.0054	.0082	.0020	.0005
%RSD	.13409	.10271	.15133	.04548
#1	4.0487	7.9524	1.3004	1.1562
#2	4.0564	7.9639	1.3032	1.1570

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27208	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1533319	--	--	--	--	--	--
#1	27238	--	--	--	--	--	--
#2	27179	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	16.7349	-.182903	01/30/12 10:51:45
Sb2068	206.838	STD	S0	1.71820	-.004210	01/30/12 10:51:45
As1890	189.042	STD	S0	1.65511	.001750	01/30/12 10:51:45
Ba4934	493.409	STD	S0	.117869	-.000048	01/30/12 10:51:45
Be3130	313.042	STD	S0	.044159	.001122	01/30/12 10:51:45
B_2496	249.678	STD	S0	.272848	-.001210	01/30/12 10:51:45
Cd2265	226.502	STD	S0	.078516	-.000026	01/30/12 10:51:45
Ca3179	317.933	STD	S0	7.02906	-.049172	01/30/12 10:51:45
Cr2677	267.716	STD	S0	.839259	-.000343	01/30/12 10:51:45
Co2286	228.616	STD	S0	1.42138	.000844	01/30/12 10:51:45
Cu3247	324.753	STD	S0	1.13142	-.005963	01/30/12 10:51:45
Fe2714	271.441	STD	S0	3.87301	.003449	01/30/12 10:51:45
Li6707	670.784	STD	S0	.079171	-.003305	01/30/12 10:51:45
Pb2203	220.353		NONE	.000000	.000000	*01/30/12 10:51:45
Se1960	196.026		NONE	.000000	.000000	*01/30/12 10:51:45
Mg2790	279.078	STD	S0	16.0074	-.345450	01/30/12 10:51:45
Mn2576	257.610	STD	S0	.967417	-.000323	01/30/12 10:51:45
Mo2020	202.030	STD	S0	1.05576	-.000627	01/30/12 10:51:45
Ni2316	231.604	STD	S0	.367294	.001049	01/30/12 10:51:45
K_7664	766.491	STD	S0	6.75656	-2.12924	01/30/12 10:51:45
Si2881	288.158	STD	S0	2.04528	-.087291	01/30/12 10:51:45
Ag3280	328.068	STD	S0	1.08102	.000401	01/30/12 10:51:45
Na3302	330.232	STD	S0	115.434	.278504	01/30/12 10:51:45
Na5889	588.995	STD	S0	.937075	-.121684	01/30/12 10:51:45
Sr4215	421.552	STD	S0	.019163	-.000101	01/30/12 10:51:45
Tl1908	190.864	STD	S0	5.52495	.011380	01/30/12 10:51:45
Sn1899	189.989	STD	S0	.726375	-.000619	01/30/12 10:51:45
Ti3349	334.941	STD	S0	.147579	.000356	01/30/12 10:51:45
V_2924	292.402	STD	S0	3.12384	.000058	01/30/12 10:51:45
Zn2138	213.856	STD	S0	.584664	-.000976	01/30/12 10:51:45
2203/1	220.351	STD	S0	.497802	-.005681	01/30/12 10:51:45
2203/2	220.352	STD	S0	.250248	.000993	01/30/12 10:51:45
1960/1	196.021	STD	S0	1.52965	.011239	01/30/12 10:51:45
1960/2	196.022	STD	S0	1.73461	-.010395	01/30/12 10:51:45

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	.000000	-.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	.000000	-.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 01/30/12 10:55:10 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 01/30/12 10:55:10 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	-.000000	.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 01/30/12 10:59:49 AM page 1

Method: 20076010 Sample Name: S2-met0112cal_00001 Operator: SRP
Run Time: 01/30/12 10:56:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.339	2.0408	2.0287	2.0424	1.0086	2.0297	1.0061

SDev	.026	.0096	.0305	.0065	.0155	.0179	.0173
%RSD	.13002	.47047	1.5044	.31637	1.5363	.88006	1.7153
#1	20.321	2.0476	2.0503	2.0378	1.0196	2.0423	1.0183
#2	20.358	2.0340	2.0071	2.0470	.99767	2.0171	.99386

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.124	2.0170	2.0114	2.0352	20.183	2.0381	2.0094
SDev	.342	.0293	.0283	.0038	.275	.0119	.0189
%RSD	1.6995	1.4548	1.4069	.18685	1.3612	.58330	.93828
#1	20.366	2.0377	2.0314	2.0326	20.377	2.0297	2.0227
#2	19.882	1.9962	1.9914	2.0379	19.989	2.0465	1.9960

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0185	20.166	2.0171	2.0229	1.9869	20.406	2.0083
SDev	.0057	.250	.0245	.0200	.0308	.153	.0192
%RSD	.28289	1.2373	1.2126	.99108	1.5477	.74749	.95801
#1	2.0225	20.342	2.0344	2.0371	2.0086	20.298	2.0219
#2	2.0144	19.990	1.9998	2.0088	1.9652	20.514	1.9947

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0124	20.244	20.389	1.0199	2.0284	2.0112	2.0293
SDev	.0035	.064	.142	.0014	.0134	.0291	.0114
%RSD	.34176	.31556	.69519	.13340	.66288	1.4462	.56320
#1	1.0149	20.199	20.289	1.0189	2.0379	2.0318	2.0374
#2	1.0100	20.289	20.489	1.0209	2.0189	1.9906	2.0213

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0230	2.0199	1.9821	2.0230	1.9890	2.0332
SDev	.0189	.0243	.0189	.0377	.0272	.0222
%RSD	.93342	1.2033	.95437	1.8654	1.3683	1.0905
#1	2.0363	2.0371	1.9687	2.0497	1.9697	2.0489
#2	2.0096	2.0027	1.9955	1.9963	2.0082	2.0176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26642	--	--	--	--	--	--
SDev	207.8894	--	--	--	--	--	--
%RSD	.7803070	--	--	--	--	--	--

#1	26789	--	--	--	--	--	--
#2	26495	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 10:59:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5504	.50799	.51486	.51067	.51883	.51181	.51353
SDev	.0080	.00136	.00245	.00128	.00286	.00279	.00265
%RSD	.31482	.26785	.47550	.25062	.55051	.54514	.51689
#1	2.5560	.50895	.51659	.51158	.52085	.51378	.51541
#2	2.5447	.50702	.51313	.50977	.51681	.50983	.51165

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.846	.51020	.51279	.51568	2.5711	.47509	.51378
SDev	.073	.00241	.00315	.00177	.0241	.00100	.00218
%RSD	.56454	.47299	.61500	.34236	.93551	.21008	.42385
#1	12.897	.51191	.51502	.51692	2.5881	.47579	.51532
#2	12.795	.50849	.51056	.51443	2.5541	.47438	.51224

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52065	5.1317	.50524	.52145	.50103	12.277	.96842
SDev	.00153	.0350	.00215	.00350	.00218	.023	.00726
%RSD	.29430	.68110	.42584	.67112	.43478	.18759	.74979
#1	.52173	5.1564	.50676	.52393	.50257	12.293	.97355
#2	.51956	5.1070	.50372	.51898	.49949	12.260	.96328

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25523	12.631	12.136	.25531	.52318	.52004	.51790
SDev	.00118	.105	.015	.00066	.00681	.00038	.00178
%RSD	.46270	.83271	.12721	.25718	1.3017	.07410	.34315
#1	.25607	12.705	12.147	.25577	.52800	.52031	.51916
#2	.25440	12.557	12.126	.25484	.51837	.51976	.51665

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51595	.52276	.50984	.51575	.51984	.52111
SDev	.00219	.00283	.00058	.00298	.00522	.00031
%RSD	.42407	.54166	.11396	.57702	1.0052	.06025
#1	.51750	.52476	.51025	.51786	.52354	.52089
#2	.51441	.52076	.50943	.51365	.51615	.52133

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 01/30/12 11:03:41 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27087	--	--	--	--	--	--
SDev	131.5219	--	--	--	--	--	--
%RSD	.4855534	--	--	--	--	--	--
#1	26994	--	--	--	--	--	--
#2	27180	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 01/30/12 11:03:45

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00959	.00037	.00224	.00024	.00006	.00339	.00026
SDev	.00286	.00005	.00077	.00007	.00002	.00095	.00017
%RSD	29.861	14.586	34.589	27.987	37.420	28.085	66.803
#1	.00757	.00033	.00169	.00019	.00005	.00406	.00038
#2	.01162	.00040	.00279	.00029	.00008	.00271	.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00469	.00026	.00001	.00007	.00639	.00022	-.00026
SDev	.00098	.00007	.00030	.00011	.00139	.00002	.00093
%RSD	21.011	25.593	3682.2	164.53	21.675	10.711	353.96
#1	.00399	.00021	.00022	.00014	.00737	.00020	.00039
#2	.00538	.00031	-.00020	-.00001	.00541	.00023	-.00092

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00135	.00633	-.00000	.00250	.00069	.00998	-.00025
SDev	.00348	.00213	.00000	.00063	.00039	.00793	.00001
%RSD	258.10	33.646	11.698	25.117	56.478	79.441	3.8630
#1	-.00111	.00482	-.00000	.00294	.00042	.00437	-.00026
#2	.00380	.00784	-.00000	.00205	.00097	.01558	-.00024

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.02693	.00367	.00010	.00549	-.00092	.00024
SDev	.00009	.00040	.00148	.00001	.00259	.00191	.00001
%RSD	59.213	1.5032	40.395	14.865	47.202	206.13	3.1738
#1	.00020	-.02664	.00262	.00009	.00732	-.00227	.00023
#2	.00008	-.02721	.00471	.00011	.00366	.00042	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00015	-.00068	-.00005	.00289	.00057
SDev	.00016	.00011	.00307	.00015	.00337	.00353
%RSD	36.780	71.582	454.50	273.94	116.39	615.55
#1	.00032	.00007	.00150	-.00016	.00051	-.00192

#2	.00054	.00023	-.00285	.00005	.00527	.00307

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27212	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1325265	--	--	--	--	--	--
#1	27237	--	--	--	--	--	--
#2	27186	--	--	--	--	--	--

Analysis Report Blank Sample 01/30/12 11:13:17 AM page 1

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/30/12 11:09:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10713	.01173	.01174	.01061	.00507	.01177	.00537
SDev	.00039	.00071	.00042	.00008	.00005	.00026	.00007
%RSD	.36429	6.0349	3.5650	.71555	.91714	2.2006	1.3350
#1	.10686	.01123	.01203	.01067	.00510	.01195	.00542
#2	.10741	.01223	.01144	.01056	.00504	.01159	.00532

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09537	.01036	.01021	.01026	.11525	.00903	.01084
SDev	.00027	.00025	.00023	.00004	.02096	.00006	.00043
%RSD	.28777	2.4159	2.2291	.37108	18.188	.72143	3.9865
#1	.09518	.01053	.01005	.01024	.10043	.00907	.01114
#2	.09556	.01018	.01038	.01029	.13008	.00898	.01053

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00954	.10855	.01022	.01090	.01082	.58342	.00816
SDev	.00127	.00266	.00006	.00085	.00033	.00848	.00035
%RSD	13.322	2.4496	.56637	7.8324	3.0508	1.4530	4.3250
#1	.01043	.11043	.01026	.01151	.01058	.58941	.00841
#2	.00864	.10667	.01018	.01030	.01105	.57742	.00792

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00533	.57991	.54688	.00510	.01215	.00995	.01054
SDev	.00049	.03185	.00042	.00003	.00028	.00149	.00011
%RSD	9.1320	5.4926	.07668	.52285	2.3201	14.938	1.0613
#1	.00499	.55739	.54718	.00512	.01195	.00890	.01062
#2	.00568	.60244	.54659	.00508	.01235	.01100	.01046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01043	.01084	.00863	.01194	.00715	.01073
SDev	.00020	.00013	.00033	.00081	.00244	.00069
%RSD	1.9329	1.2002	3.7778	6.7919	34.071	6.4065
#1	.01057	.01093	.00840	.01251	.00887	.01121
#2	.01029	.01075	.00886	.01137	.00543	.01024

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27378	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.3125077	--	--	--	--	--	--

Analysis Report Blank Sample 01/30/12 11:13:17 AM page 2

#1	27318	--	--	--	--	--	--
#2	27439	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/30/12 11:13:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	504.60	.00114	-.00042	.00165	-.00032	-.00353	.00352
SDev	.89	.00748	.00365	.00003	.00003	.00076	.00027
%RSD	.17689	655.94	874.68	1.5192	7.8889	21.587	7.7616
#1	505.24	.00643	.00216	.00163	-.00030	-.00299	.00371
#2	503.97	-.00415	-.00300	.00167	-.00034	-.00407	.00333

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	456.25	.00093	-.00038	.01255	194.60	.00463	.00542
SDev	.07	.00039	.00000	.00009	.03	.00000	.00044
%RSD	.01534	41.902	.20519	.73096	.01517	.03939	8.1454
#1	456.20	.00066	-.00038	.01261	194.58	.00463	.00511
#2	456.30	.00121	-.00038	.01248	194.63	.00463	.00573

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01047	508.73	-.00773	-.00045	.00044	.10155	.00861
SDev	.00029	.30	.00000	.00012	.00001	.00790	.00054
%RSD	2.7583	.05833	.05427	26.991	2.5188	7.7767	6.2729
#1	-.01067	508.52	-.00772	-.00037	.00045	.09596	.00822
#2	-.01026	508.94	-.00773	-.00054	.00043	.10713	.00899

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	-.02240	.15510	-.00908	-.02449	-.00001	-.00254
SDev	.00022	.03667	.00094	.00002	.00051	.00061	.00004
%RSD	47.387	163.68	.60503	.16700	2.0803	7779.6	1.5890
#1	-.00031	-.04833	.15444	-.00909	-.02413	.00042	-.00251
#2	-.00062	.00353	.15577	-.00907	-.02485	-.00044	-.00257

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00352	.00365	-.09285	.05456	-.00044	-.01548
SDev	.00018	.00034	.00076	.00028	.00092	.00003
%RSD	5.1286	9.3635	.81946	.51634	210.92	.18935
#1	.00364	.00389	-.09339	.05436	-.00109	-.01546
#2	.00339	.00341	-.09232	.05476	.00022	-.01550

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	24359	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0638628	--	--	--	--	--	--
#1	24370	--	--	--	--	--	--
#2	24348	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/30/12 11:17:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	468.91	.95584	.95483	.96284	.44786	.96888	.44098
SDev	28.16	.06392	.05621	.05794	.02671	.05841	.02593
%RSD	6.0052	6.6869	5.8866	6.0179	5.9644	6.0284	5.8813
#1	449.00	.91064	.91508	.92187	.42897	.92758	.42264
#2	488.83	1.0010	.99457	1.0038	.46675	1.0102	.45932

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	425.50	.88111	.85060	1.0037	186.81	1.1412	.90349
SDev	25.11	.05286	.05027	.0619	11.29	.0676	.04198
%RSD	5.9012	5.9996	5.9104	6.1629	6.0408	5.9208	4.6468
#1	407.74	.84373	.81505	.95995	178.83	1.0934	.87380
#2	443.25	.91849	.88615	1.0474	194.79	1.1890	.93318

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94075	474.22	.88031	.91444	.83267	13.430	.89318
SDev	.04542	28.35	.05251	.05812	.04380	.809	.05713
%RSD	4.8279	5.9779	5.9651	6.3559	5.2596	6.0243	6.3967
#1	.90863	454.17	.84318	.87334	.80170	12.858	.85278
#2	.97286	494.27	.91744	.95553	.86364	14.002	.93358

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49848	11.369	12.795	.46812	.89882	.91385	.91899
SDev	.02976	.645	.744	.02820	.05739	.05659	.05581
%RSD	5.9710	5.6762	5.8139	6.0230	6.3851	6.1919	6.0725
#1	.47744	10.912	12.269	.44818	.85824	.87384	.87953
#2	.51953	11.825	13.321	.48805	.93940	.95386	.95845

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90984	.93889	.80152	.95447	.92851	.94687
SDev	.05517	.05682	.04480	.04057	.05214	.04206
%RSD	6.0635	6.0516	5.5897	4.2509	5.6158	4.4416
#1	.87083	.89871	.76984	.92578	.89164	.91713

#2	.94885	.97906	.83320	.98316	.96539	.97661
IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26258	--	--	--	--	--	--
SDev	1351.281	--	--	--	--	--	--
%RSD	5.146071	--	--	--	--	--	--
#1	27214	--	--	--	--	--	--
#2	25303	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 11:21:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7112	.50724	.50975	.50792	.51127	.50823	.51331
SDev	.1838	.00161	.00069	.00129	.00050	.00112	.00034
%RSD	6.7794	.31807	.13560	.25402	.09700	.22027	.06555
#1	2.5812	.50610	.51024	.50883	.51162	.50902	.51355
#2	2.8412	.50839	.50926	.50700	.51092	.50744	.51308

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.971	.50425	.50496	.51005	2.6605	.47067	.50938
SDev	.214	.00009	.00040	.00188	.0881	.00149	.00176
%RSD	1.6467	.01788	.07894	.36880	3.3116	.31734	.34463
#1	12.820	.50418	.50525	.51138	2.5982	.47172	.51062
#2	13.122	.50431	.50468	.50872	2.7228	.46961	.50814

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51270	5.2918	.50039	.51561	.49650	12.167	.95560
SDev	.00049	.2118	.00082	.00104	.00250	.043	.00238
%RSD	.09514	4.0020	.16370	.20256	.50440	.35648	.24956
#1	.51236	5.1420	.50097	.51487	.49827	12.198	.95729
#2	.51305	5.4415	.49981	.51635	.49472	12.136	.95392

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25301	12.635	12.004	.25468	.52915	.51467	.51311
SDev	.00035	.001	.057	.00067	.00187	.00289	.00101
%RSD	.13747	.00775	.47729	.26421	.35317	.56237	.19659
#1	.25326	12.634	12.044	.25516	.52783	.51262	.51382
#2	.25276	12.636	11.963	.25421	.53048	.51671	.51239

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51106	.52099	.50156	.51329	.50454	.51684

SDev	.00036	.00075	.00018	.00254	.00953	.00404
%RSD	.07086	.14306	.03569	.49557	1.8894	.78064
#1	.51131	.52152	.50169	.51509	.49780	.51969
#2	.51080	.52047	.50143	.51149	.51128	.51399

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27222	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.1376680	--	--	--	--	--	--
#1	27196	--	--	--	--	--	--
#2	27249	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/30/12 11:24:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02467	.00003	.00216	.00021	-.00004	.00211	.00022
SDev	.01034	.00122	.00008	.00007	.00003	.00038	.00019
%RSD	41.921	4667.9	3.6301	35.664	77.769	18.169	83.617
#1	.01736	-.00084	.00222	.00016	-.00006	.00238	.00009
#2	.03198	.00089	.00211	.00026	-.00002	.00183	.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01419	-.00012	.00021	-.00071	.00425	.00011	-.00022
SDev	.00853	.00045	.00018	.00047	.00532	.00004	.00033
%RSD	60.123	379.52	84.441	66.446	125.28	38.162	153.74
#1	.00816	-.00043	.00008	-.00105	.00049	.00008	-.00045
#2	.02022	.00020	.00034	-.00038	.00801	.00014	.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00122	.01136	-.00008	.00169	.00062	-.06160	-.00644
SDev	.00265	.00876	.00005	.00055	.00062	.00694	.00051
%RSD	217.00	77.103	60.559	32.704	99.983	11.272	7.8676
#1	.00065	.00517	-.00012	.00208	.00106	-.06651	-.00680
#2	-.00310	.01755	-.00005	.00130	.00018	-.05669	-.00609

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	-.02031	.00335	.00008	.00457	.00024	.00028
SDev	.00019	.07374	.00111	.00004	.00434	.00066	.00014
%RSD	158.64	363.11	33.156	47.199	95.056	278.88	50.028
#1	-.00025	.03183	.00257	.00005	.00764	-.00023	.00018
#2	.00001	-.07245	.00414	.00011	.00150	.00071	.00038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	-.00008	-.00047	-.00009	-.00107	-.00130
SDev	.00047	.00015	.00039	.00031	.00154	.00321
%RSD	157.29	188.37	82.385	336.92	143.56	247.41

```
 #1      -.00003   -.00019   -.00074   -.00031   .00002    .00097
 #2      .00063    .00003    -.00020   .00013    -.00217   -.00357

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    28018     --        --        --        --        --        --
 SDev    84.85281  --        --        --        --        --        --
 %RSD    .3028511  --        --        --        --        --        --

 #1      28078     --        --        --        --        --        --
 #2      27958     --        --        --        --        --        --
--------------------------------------------------------------------------------
Method: 20076010   Sample Name: mb 600-71029/1-a       Operator: SRP
Run Time: 01/30/12 11:28:47
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .02830    -.00100   .00097    .00116    -.00018   .00117    .00016
 SDev    .01888     .00114   .00035    .00016     .00013   .00023    .00014
 %RSD    66.693    114.19    36.232    13.819    73.687    19.437    83.708

 #1      .01496    -.00019   .00072    .00104    -.00028   .00101    .00007
 #2      .04165    -.00180   .00122    .00127    -.00009   .00133    .00026

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00725    -.00013   .00046    .00064    .02379    -.00001   -.00017
 SDev    .02284     .00038   .00004    .00017    .01472     .00009    .00094
 %RSD    315.11    292.01    8.8106    26.043    61.853    1616.6    565.63

 #1      -.00890   -.00040   .00043    .00052    .01339    -.00007   -.00083
 #2      .02340    .00014    .00049    .00076    .03420    .00006    .00050

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00004   .00939    .00011    .00052    .00058    -.07914   -.00307
 SDev     .00107   .01938    .00017    .00004    .00027     .01325    .00048
 %RSD    2839.0    206.50    148.03    8.1726    46.052    16.742    15.614

 #1      .00072    -.00432   -.00001   .00049    .00039    -.06977   -.00273
 #2      -.00080   .02309    .00023    .00055    .00077    -.08851   -.00341

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00024    .01691    .00063    -.00001   .00176    .00001    .00007
 SDev    .00022    .04109    .00174     .00008   .00208    .00148    .00020
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 %RSD    91.656    243.01    275.87    584.38    118.11    21277.    263.37

 #1      .00009    -.01214   -.00060   -.00007   .00029    .00105    -.00006
 #2      .00040    .04596    .00186    .00005    .00323    -.00104   .00021

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00023    .00474    -.00075   .00013    .00130    -.00071
 SDev    .00008    .00018     .00095   .00094    .00143     .00089
```

%RSD	33.896	3.8006	125.99	741.41	110.03	126.66
#1	.00018	.00461	-.00142	-.00054	.00231	-.00007
#2	.00029	.00487	-.00008	.00079	.00029	-.00134

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27601	--	--	--	--	--	--
SDev	278.6001	--	--	--	--	--	--
%RSD	1.009384	--	--	--	--	--	--
#1	27404	--	--	--	--	--	--
#2	27798	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71029/2-a Operator: SRP
Run Time: 01/30/12 11:32:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.025	.99831	1.0042	1.0311	.49969	1.0087	.50216
SDev	.008	.00190	.0032	.0023	.00034	.0020	.00018
%RSD	.07762	.18988	.31464	.22725	.06890	.19982	.03634
#1	10.031	.99697	1.0064	1.0295	.49945	1.0073	.50203
#2	10.020	.99965	1.0019	1.0328	.49993	1.0102	.50229

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.062	.98628	.99148	1.0226	10.222	.46908	.99912
SDev	.000	.00051	.00025	.0011	.012	.00021	.00189
%RSD	.00108	.05187	.02513	.10890	.12118	.04390	.18951
#1	10.062	.98592	.99130	1.0218	10.213	.46893	.99778
#2	10.062	.98665	.99165	1.0234	10.231	.46923	1.0005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0136	9.9835	.98739	1.0106	.97485	9.9124	.93241
SDev	.0096	.0040	.00051	.0051	.00248	.0083	.00060
%RSD	.95054	.04037	.05184	.50757	.25472	.08345	.06387
#1	1.0068	9.9806	.98703	1.0069	.97661	9.9183	.93199
#2	1.0204	9.9863	.98775	1.0142	.97310	9.9066	.93283

Analysis Report 01/30/12 11:36:26 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50764	9.6666	9.7490	.51520	1.0351	.98761	1.0110
SDev	.00002	.0532	.0076	.00080	.0098	.00039	.0016
%RSD	.00436	.55048	.07811	.15450	.94580	.03980	.16066
#1	.50766	9.6289	9.7544	.51463	1.0281	.98789	1.0098
#2	.50763	9.7042	9.7436	.51576	1.0420	.98733	1.0121

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0074	1.0248	.97815	1.0096	.98362	1.0285
SDev	.0010	.0001	.00195	.0019	.00998	.0095
%RSD	.10043	.01198	.19945	.18470	1.0144	.92001
#1	1.0067	1.0249	.97677	1.0083	.97657	1.0219
#2	1.0081	1.0248	.97953	1.0109	.99068	1.0352

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27131	--	--	--	--	--	--
SDev	110.3087	--	--	--	--	--	--
%RSD	.4065779	--	--	--	--	--	--
#1	27209	--	--	--	--	--	--
#2	27053	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49432-a-3-a Operator: SRP
Run Time: 01/30/12 11:36:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57057	.00171	.00811	.26163	-.00011	.05310	.00111
SDev	.00686	.00043	.00068	.00087	.00000	.00017	.00003
%RSD	1.2032	25.381	8.4087	.33220	.41988	.31964	2.8887
#1	.57542	.00140	.00859	.26224	-.00011	.05322	.00113
#2	.56571	.00202	.00763	.26101	-.00011	.05298	.00109

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.243	.00386	.00245	.15475	.91997	.00337	.00414
SDev	.045	.00036	.00015	.00049	.00978	.00001	.00002
%RSD	.29266	9.4609	6.0124	.31976	1.0633	.13466	.48453
#1	15.275	.00360	.00255	.15510	.92688	.00337	.00413
#2	15.211	.00411	.00234	.15440	.91305	.00337	.00416

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00128	2.4934	.96119	.00354	.05430	7.0526	3.3953
SDev	.00152	.0077	.00256	.00106	.00048	.0229	.0115
%RSD	118.90	.30925	.26635	29.980	.88669	.32420	.33737

#1	-.00020	2.4989	.96300	.00429	.05396	7.0688	3.4034
#2	-.00236	2.4880	.95938	.00279	.05464	7.0364	3.3872

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	35.624	32.125	.09711	.00218	.00072	.01677
SDev	.00036	.251	.137	.00023	.00653	.00125	.00166
%RSD	248.62	.70383	.42600	.23647	300.00	174.94	9.8783
#1	.00040	35.801	32.221	.09727	.00680	-.00017	.01794
#2	-.00011	35.447	32.028	.09694	-.00244	.00160	.01560

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00265	.72887	.00286	.00478	-.00048	-.00168
SDev	.00009	.00182	.00114	.00060	.00312	.00384
%RSD	3.4698	.24998	39.903	12.551	645.07	228.80
#1	.00271	.73016	.00366	.00436	-.00269	.00104
#2	.00258	.72759	.00205	.00521	.00172	-.00440

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27486	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.0540257	--	--	--	--	--	--
#1	27475	--	--	--	--	--	--
#2	27496	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49432-a-3-b du Operator: SRP
Run Time: 01/30/12 11:40:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59037	.00054	.00572	.26635	-.00015	.05245	.00113
SDev	.00296	.00151	.00256	.00061	.00001	.00048	.00011
%RSD	.50115	281.62	44.734	.23032	5.1077	.91472	9.2867
#1	.59247	.00161	.00753	.26678	-.00014	.05279	.00106
#2	.58828	-.00053	.00391	.26591	-.00015	.05212	.00121

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.393	.00412	.00243	.15729	.92951	.00342	.00467
SDev	.047	.00059	.00004	.00042	.01127	.00002	.00011
%RSD	.30321	14.283	1.5544	.26706	1.2126	.53129	2.4140
#1	15.426	.00370	.00240	.15759	.92154	.00343	.00459
#2	15.360	.00453	.00245	.15699	.93748	.00340	.00475

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00210	2.5185	.97685	.00107	.05575	7.1437	3.4539
SDev	.00101	.0089	.00262	.00065	.00060	.0364	.0164
%RSD	47.953	.35341	.26792	61.090	1.0844	.50981	.47509
#1	-.00282	2.5248	.97870	.00153	.05532	7.1694	3.4655
#2	-.00139	2.5122	.97500	.00061	.05618	7.1179	3.4423

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	36.035	32.532	.09870	.00223	-.00067	.01739
SDev	.00022	.186	.180	.00025	.00014	.00023	.00034
%RSD	82.497	.51511	.55300	.25144	6.1845	33.503	1.9699
#1	-.00043	36.166	32.659	.09887	.00214	-.00051	.01715

#2	-.00011	35.903	32.405	.09852	.00233	-.00083	.01764

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00252	.73790	.00224	.00588	-.00180	-.00225
SDev	.00025	.00149	.00118	.00076	.00094	.00104
%RSD	9.7857	.20154	52.632	12.876	52.422	46.169
#1	.00270	.73895	.00307	.00535	-.00247	-.00299
#2	.00235	.73685	.00140	.00642	-.00113	-.00152

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27376	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0645724	--	--	--	--	--	--
#1	27389	--	--	--	--	--	--
#2	27364	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49432-a-3-c ms Operator: SRP
Run Time: 01/30/12 11:44:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.882	1.0161	1.0300	1.3061	.50765	1.0826	.51078
SDev	.036	.0021	.0066	.0041	.00175	.0023	.00231
%RSD	.32905	.20322	.63929	.31762	.34418	.21025	.45307
#1	10.907	1.0176	1.0346	1.3090	.50888	1.0842	.51241
#2	10.857	1.0146	1.0253	1.3032	.50641	1.0810	.50914

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.684	1.0008	1.0024	1.1831	11.471	.50313	1.0158
SDev	.084	.0037	.0041	.0052	.029	.00190	.0026
%RSD	.32558	.36804	.41204	.43830	.25139	.37787	.25155

#1	25.743	1.0034	1.0054	1.1867	11.491	.50447	1.0176
#2	25.625	.99817	.99951	1.1794	11.450	.50178	1.0140

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0230	12.636	2.0219	1.0285	1.0368	17.989	4.7801
SDev	.0015	.036	.0075	.0004	.0044	.074	.0253
%RSD	.14656	.28740	.37325	.03849	.42744	.40989	.52952
#1	1.0240	12.662	2.0272	1.0288	1.0400	18.041	4.7980
#2	1.0219	12.610	2.0165	1.0282	1.0337	17.937	4.7622

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51047	47.388	43.396	.62127	1.0608	1.0033	1.0339
SDev	.00166	.049	.147	.00201	.0082	.0023	.0048

%RSD	.32504	.10394	.33841	.32391	.77730	.23409	.46225
#1	.51164	47.423	43.500	.62269	1.0550	1.0050	1.0373
#2	.50929	47.353	43.293	.61984	1.0667	1.0016	1.0305

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0226	1.7519	.98454	1.0314	.98545	1.0417
SDev	.0031	.0055	.00814	.0002	.00626	.0009
%RSD	.30438	.31250	.82645	.02284	.63505	.08449
#1	1.0248	1.7558	.99029	1.0312	.98988	1.0411
#2	1.0204	1.7480	.97879	1.0315	.98103	1.0424

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27321	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1552886	--	--	--	--	--	--
#1	27291	--	--	--	--	--	--
#2	27351	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49432-a-3-d msd Operator: SRP
Run Time: 01/30/12 11:48:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.661	1.0393	1.0483	1.3435	.51901	1.1135	.52294
SDev	.021	.0017	.0009	.0013	.00108	.0030	.00088
%RSD	.17823	.16602	.08780	.09735	.20766	.26602	.16723
#1	11.675	1.0405	1.0476	1.3445	.51977	1.1114	.52355
#2	11.646	1.0381	1.0489	1.3426	.51824	1.1156	.52232

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.385	1.0249	1.0242	1.2133	12.470	.51501	1.0403
SDev	.033	.0021	.0007	.0002	.039	.00103	.0012
%RSD	.12406	.20331	.06895	.01754	.31638	.20048	.11130
#1	26.408	1.0264	1.0247	1.2134	12.498	.51574	1.0411
#2	26.362	1.0234	1.0237	1.2131	12.443	.51428	1.0395

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0379	13.046	2.3617	1.0582	1.0588	18.473	6.1873
SDev	.0039	.008	.0024	.0016	.0029	.043	.0213
%RSD	.37175	.06093	.09987	.15071	.27103	.23330	.34496
#1	1.0352	13.051	2.3634	1.0571	1.0609	18.503	6.2024
#2	1.0406	13.040	2.3601	1.0593	1.0568	18.442	6.1722

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51916	48.881	44.606	.63738	1.0987	1.0228	1.0722
SDev	.00084	.093	.127	.00040	.0054	.0036	.0018
%RSD	.16222	.19071	.28383	.06315	.49547	.34988	.17016
#1	.51975	48.947	44.695	.63767	1.0949	1.0253	1.0735
#2	.51856	48.815	44.516	.63710	1.1026	1.0203	1.0709

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0453	1.8030	1.0071	1.0569	.99744	1.0581
SDev	.0019	.0014	.0009	.0013	.00370	.0039
%RSD	.17872	.07833	.09117	.12089	.37064	.37228
#1	1.0466	1.8040	1.0078	1.0578	.99482	1.0554
#2	1.0440	1.8020	1.0065	1.0560	1.0001	1.0609

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26822	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.2715434	--	--	--	--	--	--
#1	26873	--	--	--	--	--	--
#2	26770	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49407-a-4-a Operator: SRP
Run Time: 01/30/12 11:51:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0335	.00187	.00320	.03291	-.00046	.01673	.00006
SDev	.0149	.00148	.00144	.00026	.00000	.00030	.00000

%RSD	1.4377	78.912	45.111	.79888	.82642	1.7869	5.0260
#1	1.0440	.00292	.00218	.03310	-.00045	.01694	.00006
#2	1.0230	.00083	.00422	.03273	-.00046	.01651	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4071	.00063	-.00006	.00312	.49398	.00097	.00102
SDev	.0252	.00038	.00011	.00000	.00559	.00001	.00083
%RSD	.57182	60.880	190.49	.04307	1.1319	.86372	81.353
#1	4.4249	.00036	-.00014	.00312	.49003	.00098	.00161
#2	4.3893	.00090	.00002	.00312	.49793	.00097	.00043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00192	1.3477	.00803	.00323	.00134	2.3022	4.6738
SDev	.00226	.0090	.00005	.00150	.00016	.0240	.0588
%RSD	117.63	.66952	.66073	46.592	11.924	1.0438	1.2582
#1	-.00032	1.3541	.00806	.00429	.00122	2.3192	4.7154

#2	-.00352	1.3413	.00799	.00216	.00145	2.2852	4.6322

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	2.5536	2.3996	.01327	.00636	.00119	.03706
SDev	.00022	.0101	.0323	.00009	.00282	.00031	.00018
%RSD	469.74	.39428	1.3452	.65086	44.318	26.195	.49907
#1	-.00011	2.5465	2.4224	.01333	.00836	.00097	.03719
#2	.00021	2.5608	2.3768	.01321	.00437	.00141	.03693

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00179	.15395	.00078	.00114	-.00118	-.00229
SDev	.00014	.00063	.00069	.00090	.00023	.00328
%RSD	7.8344	.40973	88.756	78.813	19.751	142.76
#1	.00169	.15440	.00127	.00177	-.00101	.00002
#2	.00189	.15350	.00029	.00050	-.00134	-.00461

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27550	--	--	--	--	--	--
SDev	93.33810	--	--	--	--	--	--
%RSD	.3387953	--	--	--	--	--	--
#1	27484	--	--	--	--	--	--
#2	27616	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49407-a-5-a Operator: SRP
Run Time: 01/30/12 11:55:44
Comment: TRACE 61E

Analysis Report 01/30/12 11:59:32 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54306	-.00077	.00224	.03339	-.00054	.01222	.00038
SDev	.00374	.00130	.00122	.00001	.00000	.00045	.00014
%RSD	.68797	170.33	54.268	.01836	.84798	3.7000	36.391
#1	.54570	.00016	.00311	.03338	-.00055	.01254	.00028
#2	.54042	-.00169	.00138	.03339	-.00054	.01190	.00048

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9104	.00027	-.00000	.00119	.28116	.00039	.00001
SDev	.0048	.00002	.00000	.00002	.00025	.00001	.00024
%RSD	.16454	8.7820	85.661	1.2253	.08774	3.3111	1955.2
#1	2.9137	.00025	-.00000	.00120	.28098	.00040	-.00016
#2	2.9070	.00028	-.00000	.00118	.28133	.00038	.00019

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.61695	.00643	.00132	.00084	2.4714	3.7374
SDev	.00067	.00048	.00006	.00019	.00007	.0012	.0123

%RSD	209.98	.07713	1.0157	14.448	8.0202	.04923	.32901
#1	.00016	.61729	.00639	.00145	.00079	2.4723	3.7461
#2	-.00080	.61662	.00648	.00118	.00089	2.4705	3.7287

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.65220	.65570	.00590	.00294	.00065	.01553
SDev	.00000	.05546	.00155	.00000	.00147	.00046	.00077
%RSD	.49223	8.5033	.23612	.01609	49.979	70.791	4.9431
#1	.00012	.61298	.65679	.00590	.00398	.00033	.01607
#2	.00012	.69141	.65460	.00590	.00190	.00098	.01498

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.01260	-.00148	.00076	.00232	-.00164
SDev	.00008	.00003	.00056	.00065	.00288	.00043
%RSD	7.7386	.23011	38.255	85.824	123.84	26.145
#1	.00112	.01258	-.00108	.00030	.00436	-.00195
#2	.00100	.01262	-.00188	.00122	.00029	-.00134

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26878	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.2130909	--	--	--	--	--	--
#1	26919	--	--	--	--	--	--
#2	26838	--	--	--	--	--	--

Analysis Report 01/30/12 11:59:32 AM page 15

Method: 20076010 Sample Name: 600-49407-a-6-a Operator: SRP
Run Time: 01/30/12 11:59:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57754	.00091	.00238	.02561	-.00052	.01432	.00019
SDev	.00118	.00095	.00047	.00002	.00000	.00087	.00006
%RSD	.20505	104.37	19.524	.09482	.65991	6.0921	30.264
#1	.57838	.00024	.00271	.02563	-.00052	.01371	.00015
#2	.57670	.00159	.00205	.02560	-.00052	.01494	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.450	.00029	.00020	.00100	.29186	.00049	.00030
SDev	.009	.00013	.00018	.00016	.00976	.00002	.00028
%RSD	.07018	43.342	90.370	15.950	3.3443	4.5810	92.591
#1	13.443	.00020	.00007	.00089	.28495	.00047	.00010
#2	13.456	.00038	.00033	.00111	.29876	.00050	.00050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	1.0579	.00586	.00034	.00048	2.6965	3.7672
SDev	.00400	.0036	.00011	.00029	.00036	.0033	.0061
%RSD	2016.5	.33702	1.8831	85.435	74.053	.12335	.16134
#1	-.00303	1.0554	.00578	.00014	.00073	2.6989	3.7715
#2	.00263	1.0604	.00593	.00055	.00023	2.6942	3.7629

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.99958	.90802	.03441	.00120	.00091	.02045
SDev	.00014	.01332	.00252	.00006	.00002	.00039	.00052
%RSD	74.348	1.3322	.27720	.18248	1.7393	42.212	2.5484
#1	.00009	1.0090	.90980	.03446	.00118	.00064	.02082
#2	.00028	.99016	.90624	.03437	.00121	.00119	.02008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00215	.01055	-.00031	.00061	.00451	-.00255
SDev	.00040	.00003	.00033	.00026	.00779	.00211
%RSD	18.496	.32181	108.16	42.145	172.49	82.671
#1	.00187	.01053	-.00054	.00043	-.00099	-.00405
#2	.00243	.01058	-.00007	.00079	.01002	-.00106

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27696	--	--	--	--	--	--

SDev	58.68986	--	--	--	--	--	--
%RSD	.2119112	--	--	--	--	--	--
#1	27654	--	--	--	--	--	--
#2	27737	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49395-c-1-a Operator: SRP
Run Time: 01/30/12 12:03:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29850	.00125	.00309	.10306	-.00061	.09994	-.00012
SDev	.01770	.00074	.00023	.00474	.00007	.00410	.00008
%RSD	5.9300	59.500	7.4586	4.5967	10.636	4.0985	69.028
#1	.31102	.00072	.00326	.10641	-.00066	.10284	-.00006
#2	.28598	.00177	.00293	.09971	-.00057	.09704	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	192.16	.09962	-.00002	.00177	.30974	.00801	-.00048
SDev	9.20	.00451	.00015	.00020	.01558	.00049	.00034
%RSD	4.7893	4.5285	800.43	11.483	5.0308	6.0963	71.992
#1	198.67	.10281	.00009	.00191	.32076	.00836	-.00023

#2	185.66	.09643	-.00013	.00162	.29872	.00767	-.00072

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00109	2.3658	.09622	.00424	.00160	4.8115	10.585
SDev	.00174	.1247	.00462	.00071	.00040	.2698	.475
%RSD	159.57	5.2719	4.8035	16.678	25.278	5.6074	4.4875
#1	-.00232	2.4540	.09949	.00474	.00189	5.0023	10.921
#2	.00014	2.2776	.09295	.00374	.00131	4.6208	10.249

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	5.6195	5.5062	.54769	.00205	.00002	.00502
SDev	.00035	.2314	.2233	.02515	.00353	.00131	.00020
%RSD	2761.7	4.1173	4.0545	4.5913	172.11	5790.0	3.9609
#1	.00024	5.7831	5.6641	.56547	-.00044	.00095	.00517
#2	-.00026	5.4559	5.3484	.52991	.00454	-.00091	.00488

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01083	.01186	-.00200	.00028	.00203	-.00265
SDev	.00025	.00052	.00055	.00079	.00290	.00116
%RSD	2.2898	4.4271	27.716	280.29	143.12	43.669
#1	.01101	.01223	-.00239	.00084	-.00002	-.00347
#2	.01066	.01149	-.00161	-.00028	.00408	-.00183

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27082	--	--	--	--	--	--
SDev	1020.355	--	--	--	--	--	--
%RSD	3.767720	--	--	--	--	--	--
#1	26360	--	--	--	--	--	--
#2	27803	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 12:07:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5399	.50012	.49676	.51155	.48921	.50191	.50759
SDev	.0212	.00604	.00866	.00570	.00417	.00430	.00345
%RSD	.83415	1.2071	1.7438	1.1139	.85350	.85588	.68004
#1	2.5249	.49585	.49063	.50752	.48626	.49887	.50515
#2	2.5549	.50439	.50288	.51558	.49216	.50494	.51003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.538	.48300	.48130	.49792	2.5810	.46699	.49454
SDev	.085	.00388	.00306	.00525	.0038	.00417	.00256

%RSD	.68017	.80345	.63607	1.0538	.14800	.89316	.51758
#1	12.478	.48025	.47913	.49421	2.5783	.46404	.49273
#2	12.598	.48574	.48346	.50163	2.5837	.46994	.49635

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49367	4.9534	.48491	.50421	.48805	12.102	.93591
SDev	.00465	.0384	.00373	.00575	.00427	.100	.00470
%RSD	.94126	.77582	.76977	1.1395	.87472	.82977	.50238
#1	.49038	4.9262	.48227	.50014	.48503	12.031	.93258
#2	.49695	4.9805	.48755	.50827	.49107	12.173	.93923

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24855	12.452	11.963	.25696	.52929	.48619	.50363
SDev	.00109	.017	.075	.00261	.00596	.00357	.00439
%RSD	.43720	.13471	.63011	1.0164	1.1256	.73496	.87267
#1	.24778	12.464	11.910	.25512	.52508	.48367	.50053
#2	.24932	12.440	12.016	.25881	.53350	.48872	.50674

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49537	.51369	.47417	.50472	.46934	.50589
SDev	.00410	.00405	.00108	.00330	.00232	.00813
%RSD	.82789	.78936	.22754	.65383	.49354	1.6068

#1	.49247	.51082	.47341	.50239	.47098	.50014
#2	.49827	.51656	.47494	.50706	.46770	.51164

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27858	--	--	--	--	--	--
SDev	229.8097	--	--	--	--	--	--
%RSD	.8249177	--	--	--	--	--	--
#1	28021	--	--	--	--	--	--
#2	27696	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/30/12 12:11:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05262	.00059	.00231	.00045	-.00024	.00196	.00043
SDev	.00430	.00074	.00022	.00023	.00017	.00018	.00024
%RSD	8.1649	126.90	9.4587	49.773	72.419	8.9923	55.739
#1	.04958	.00006	.00216	.00029	-.00036	.00208	.00026
#2	.05566	.00111	.00247	.00061	-.00012	.00183	.00060

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.01613	.00012	.00034	-.00136	.00987	.00021	-.00028
SDev	.00713	.00005	.00008	.00018	.01101	.00028	.00003
%RSD	44.193	45.563	24.045	13.052	111.62	136.03	11.317
#1	.01109	.00016	.00040	-.00149	.00208	.00001	-.00030
#2	.02117	.00008	.00028	-.00124	.01765	.00041	-.00025

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.00258	.00016	.00185	.00079	-.14231	-.00885
SDev	.00220	.00817	.00020	.00058	.00069	.03436	.00142
%RSD	223.59	316.55	127.71	31.298	86.941	24.148	16.008
#1	-.00057	-.00320	.00002	.00144	.00030	-.16660	-.00985
#2	.00254	.00836	.00030	.00226	.00127	-.11801	-.00785

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.01697	.00271	.00019	.00274	.00059	.00049
SDev	.00024	.05226	.00860	.00012	.00101	.00059	.00008
%RSD	205.82	307.91	317.40	63.831	36.654	100.61	16.565
#1	-.00005	.01998	-.00337	.00010	.00345	.00017	.00043
#2	.00028	-.05393	.00880	.00027	.00203	.00100	.00054

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00012	-.00055	-.00014	.00601	-.00153
SDev	.00002	.00028	.00035	.00013	.00607	.00027
%RSD	2.6434	228.00	64.087	90.715	101.14	17.540
#1	.00062	-.00008	-.00079	-.00005	.00171	-.00171
#2	.00064	.00033	-.00030	-.00023	.01030	-.00134

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28178	--	--	--	--	--	--
SDev	564.2712	--	--	--	--	--	--
%RSD	2.002524	--	--	--	--	--	--
#1	28577	--	--	--	--	--	--
#2	27779	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49395-c-2-a Operator: SRP
Run Time: 01/30/12 12:15:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3139	.00105	.00252	.26502	-.00057	.05058	.00020
SDev	.0035	.00199	.00314	.00017	.00009	.00037	.00010
%RSD	.15161	190.19	124.52	.06547	15.036	.72960	49.931
#1	2.3114	-.00036	.00030	.26489	-.00063	.05084	.00013
#2	2.3164	.00246	.00474	.26514	-.00051	.05032	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	348.08	.05043	.00129	.00163	1.8250	.00990	.00166
SDev	.45	.00032	.00004	.00025	.0000	.00014	.00031
%RSD	.12831	.63134	2.9275	15.117	.00013	1.4452	18.619
#1	347.76	.05021	.00127	.00145	1.8250	.00980	.00144
#2	348.39	.05066	.00132	.00180	1.8250	.01000	.00188

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	3.1509	.56735	.00163	.00640	3.9024	17.359
SDev	.00270	.0024	.00060	.00009	.00011	.0055	.010
%RSD	295.91	.07668	.10529	5.2528	1.7489	.13988	.05649
#1	-.00100	3.1492	.56693	.00157	.00632	3.8986	17.352
#2	.00283	3.1526	.56778	.00169	.00648	3.9063	17.366

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	2.4861	2.5289	.81745	.00116	-.00005	.04805
SDev	.00034	.0570	.0019	.00020	.00231	.00061	.00022
%RSD	793.46	2.2923	.07326	.02471	200.16	1198.0	.46000

#1	.00020	2.4458	2.5276	.81730	-.00048	-.00048	.04789
#2	-.00028	2.5264	2.5302	.81759	.00279	.00038	.04821

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01268	.05467	-.00178	.00338	.00398	-.00062
SDev	.00026	.00027	.00192	.00143	.00116	.00348
%RSD	2.0549	.50118	108.05	42.125	29.155	563.65
#1	.01250	.05447	-.00042	.00238	.00316	-.00308
#2	.01287	.05486	-.00314	.00439	.00480	.00184

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26877	--	--	--	--	--	--
SDev	28.28427	--	--	--	--	--	--
%RSD	.1052360	--	--	--	--	--	--
#1	26897	--	--	--	--	--	--
#2	26857	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49395-c-3-a Operator: SRP
Run Time: 01/30/12 12:18:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5133	.00022	.00457	.24733	-.00081	.09199	.00016
SDev	.0089	.00041	.00122	.00189	.00004	.00095	.00007
%RSD	.59067	186.70	26.716	.76243	4.5848	1.0281	45.602
#1	1.5196	-.00007	.00371	.24867	-.00083	.09266	.00022

#2	1.5070	.00051	.00544	.24600	-.00078	.09132	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	368.96	.09373	.00084	.00194	.96564	.01033	-.00002
SDev	2.27	.00043	.00031	.00016	.00208	.00006	.00002
%RSD	.61497	.46121	37.183	8.2664	.21574	.57097	100.73
#1	370.57	.09403	.00062	.00183	.96711	.01037	-.00001
#2	367.36	.09342	.00107	.00206	.96416	.01029	-.00004

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	3.0525	.56273	.00431	.00580	5.0251	17.333
SDev	.00032	.0167	.00374	.00022	.00006	.0476	.125
%RSD	70.857	.54814	.66384	5.0143	.94733	.94635	.72289
#1	-.00022	3.0643	.56537	.00416	.00576	5.0587	17.422
#2	-.00067	3.0407	.56009	.00447	.00584	4.9915	17.245

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00004	6.0418	6.0577	.83149	.00165	-.00118	.02364
SDev	.00033	.0634	.0566	.00645	.00018	.00180	.00008
%RSD	742.74	1.0491	.93504	.77613	11.212	152.31	.34864
#1	-.00028	5.9969	6.0977	.83606	.00152	.00009	.02370
#2	.00019	6.0866	6.0176	.82693	.00178	-.00246	.02358

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01704	.05555	-.00261	.00127	.00017	-.00076
SDev	.00023	.00022	.00273	.00133	.00232	.00069
%RSD	1.3338	.39702	104.44	104.54	1338.4	90.764
#1	.01720	.05570	-.00068	.00033	.00182	-.00124
#2	.01688	.05539	-.00454	.00221	-.00147	-.00027

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	25637	--	--	--	--	--	--
SDev	86.26703	--	--	--	--	--	--
%RSD	.3364942	--	--	--	--	--	--
#1	25576	--	--	--	--	--	--
#2	25698	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49394-c-1-a Operator: SRP
Run Time: 01/30/12 12:22:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10354	.00178	.00387	.00779	-.00076	.00405	.00005
SDev	.00165	.00069	.00016	.00002	.00001	.00026	.00009
%RSD	1.5920	38.725	4.2524	.20294	1.6255	6.4219	192.69

#1	.10471	.00226	.00376	.00778	-.00076	.00424	-.00002
#2	.10237	.00129	.00399	.00780	-.00077	.00387	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4097	.00046	.00006	-.00012	.08110	-.00003	.00324
SDev	.0200	.00021	.00032	.00011	.00063	.00000	.00003
%RSD	.45255	45.526	536.05	94.063	.77406	13.680	.88582

#1	4.4238	.00061	-.00017	-.00004	.08066	-.00002	.00322
#2	4.3956	.00031	.00029	-.00020	.08154	-.00003	.00326

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00159	5.3679	.01261	-.00091	.00034	.42321	.14085
SDev	.00189	.0202	.00007	.00035	.00068	.00784	.00239
%RSD	119.08	.37680	.56331	38.001	198.96	1.8524	1.6983

#1	-.00293	5.3822	.01266	-.00066	-.00014	.42875	.14254

#2	-.00025	5.3536	.01255	-.00115	.00083	.41767	.13916

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.13063	.13291	.00862	.00233	-.00064	.00117
SDev	.00008	.04646	.00020	.00002	.00056	.00058	.00004
%RSD	228.50	35.563	.15330	.20528	23.971	90.710	3.4747

#1	.00009	.09778	.13306	.00863	.00272	-.00106	.00120
#2	-.00002	.16348	.13277	.00861	.00193	-.00023	.00114

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.04510	.00075	.00448	-.00407	-.00035
SDev	.00008	.00024	.00052	.00021	.00123	.00223
%RSD	12.388	.54177	68.464	4.7840	30.202	634.85

#1	.00072	.04527	.00039	.00464	-.00494	-.00193
#2	.00060	.04493	.00112	.00433	-.00320	.00122

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28102	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0125813	--	--	--	--	--	--

#1	28104	--	--	--	--	--	--
#2	28099	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49416-a-10-a Operator: SRP
Run Time: 01/30/12 12:26:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14826	-.00138	.00193	.04017	-.00080	.02156	.00052

SDev	.00137	.00314	.00008	.00001	.00002	.00089	.00013
%RSD	.92332	226.96	4.3390	.03214	2.4091	4.1480	24.315
#1	.14729	-.00360	.00187	.04016	-.00079	.02092	.00043
#2	.14923	.00084	.00198	.04018	-.00081	.02219	.00061
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.8121	-.00005	-.00001	.00234	.13233	.00021	-.00027
SDev	.0109	.00008	.00007	.00011	.01006	.00001	.00024
%RSD	.18724	183.47	619.82	4.4994	7.6028	2.4573	88.167
#1	5.8198	-.00010	.00004	.00226	.13944	.00022	-.00010
#2	5.8044	.00001	-.00006	.00241	.12521	.00021	-.00044
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00109	1.4166	.01123	.00034	.00075	8.1509	2.5321

SDev	.00094	.0012	.00001	.00016	.00009	.0332	.0047
%RSD	86.035	.08692	.09529	45.761	12.214	.40731	.18676
#1	-.00043	1.4175	.01123	.00023	.00082	8.1743	2.5354
#2	-.00175	1.4157	.01122	.00046	.00069	8.1274	2.5287
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	1.8804	1.7864	.01825	.00120	-.00041	.00131
SDev	.00003	.0188	.0050	.00002	.00195	.00025	.00010
%RSD	23.488	1.0009	.28145	.10555	162.11	61.534	7.2826
#1	.00013	1.8937	1.7899	.01827	-.00018	-.00059	.00124
#2	.00010	1.8671	1.7828	.01824	.00258	-.00023	.00137
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00111	.02690	-.00117	.00018	.00132	-.00229	
SDev	.00008	.00003	.00010	.00030	.00114	.00084	
%RSD	7.0820	.09148	8.8913	171.25	86.559	36.452	
#1	.00106	.02691	-.00109	.00039	.00212	-.00170	
#2	.00117	.02688	-.00124	-.00004	.00051	-.00288	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28248	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.0926171	--	--	--	--	--	--
#1	28230	--	--	--	--	--	--
#2	28267	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49416-a-11-a Operator: SRP
Run Time: 01/30/12 12:30:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56676	.00002	.00296	.05568	-.00084	.03268	.00021
SDev	.00397	.00071	.00004	.00011	.00001	.00002	.00002
%RSD	.70015	4612.8	1.2402	.19004	1.2503	.05808	9.4900
#1	.56956	.00052	.00294	.05576	-.00085	.03269	.00020
#2	.56395	-.00049	.00299	.05561	-.00083	.03266	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.2246	.00024	.00013	.00312	.42868	.00075	-.00010
SDev	.0096	.00007	.00021	.00023	.00588	.00001	.00078
%RSD	.13240	27.225	157.42	7.4447	1.3721	.61807	813.41
#1	7.2314	.00029	.00029	.00328	.42452	.00076	.00046

#2	7.2178	.00019	-.00002	.00295	.43283	.00075	-.00065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	1.2459	.02630	.00046	.00145	13.269	3.8558
SDev	.00096	.0053	.00012	.00006	.00020	.013	.0129
%RSD	101.49	.42805	.45761	12.306	13.517	.09614	.33524
#1	-.00163	1.2497	.02638	.00050	.00159	13.278	3.8650
#2	-.00027	1.2421	.02621	.00042	.00131	13.260	3.8467

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	6.4948	6.0132	.03678	.00191	-.00011	.00363
SDev	.00008	.0137	.0176	.00005	.00275	.00284	.00001
%RSD	21.457	.21062	.29275	.13532	144.07	2608.8	.18792
#1	.00032	6.5045	6.0256	.03681	.00385	.00190	.00362
#2	.00044	6.4851	6.0007	.03674	-.00004	-.00212	.00363

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00257	.04720	-.00250	.00110	.00049	-.00167
SDev	.00025	.00019	.00106	.00170	.00147	.00071
%RSD	9.5707	.41073	42.265	154.38	299.45	42.748
#1	.00274	.04706	-.00324	.00231	-.00055	-.00218
#2	.00239	.04734	-.00175	-.00010	.00153	-.00117

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28050	--	--	--	--	--	--
SDev	101.1163	--	--	--	--	--	--
%RSD	.3604922	--	--	--	--	--	--
#1	27978	--	--	--	--	--	--
#2	28121	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49445-a-1-a Operator: SRP
Run Time: 01/30/12 12:34:17

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0793	.00078	.00245	.04945	-.00036	.01774	.00017
SDev	.0122	.00025	.00139	.00045	.00001	.00014	.00005
%RSD	1.1308	32.177	56.504	.90325	2.0954	.79034	29.167
#1	1.0879	.00095	.00147	.04976	-.00036	.01784	.00013
#2	1.0706	.00060	.00343	.04913	-.00037	.01764	.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	36.402	.00251	.00069	.00336	.71010	.00149	.00383
SDev	.333	.00022	.00014	.00009	.00531	.00003	.00068
%RSD	.91452	8.6423	20.758	2.5243	.74752	2.3034	17.887
#1	36.637	.00235	.00079	.00330	.71385	.00151	.00431
#2	36.166	.00266	.00059	.00342	.70634	.00146	.00334

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	2.2423	.05164	-.00014	.00191	1.7815	2.6401
SDev	.00217	.0236	.00038	.00048	.00044	.0262	.0233
%RSD	1860.3	1.0536	.72889	354.13	23.219	1.4699	.88311
#1	.00142	2.2590	.05190	-.00047	.00159	1.8000	2.6566
#2	-.00165	2.2256	.05137	.00020	.00222	1.7630	2.6237

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	2.0766	1.9922	.06387	-.00167	-.00023	.02388
SDev	.00003	.0201	.0121	.00049	.00163	.00077	.00012
%RSD	41.971	.96929	.60524	.76063	97.549	336.08	.51077
#1	.00005	2.0908	2.0007	.06421	-.00282	-.00078	.02396
#2	.00009	2.0623	1.9836	.06352	-.00052	.00032	.02379

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00505	.11318	.00335	.00407	.00017	-.00026
SDev	.00021	.00082	.00223	.00009	.00409	.00121
%RSD	4.1822	.72713	66.558	2.1577	2392.9	464.70
#1	.00490	.11376	.00493	.00400	.00306	.00060
#2	.00520	.11260	.00177	.00413	-.00272	-.00112

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27831	--	--	--	--	--	--
SDev	175.3625	--	--	--	--	--	--
%RSD	.6300977	--	--	--	--	--	--
#1	27707	--	--	--	--	--	--
#2	27955	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49445-a-2-a Operator: SRP
Run Time: 01/30/12 12:38:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6033	.00242	.00447	.09897	-.00019	.03595	.00052
SDev	.0160	.00033	.00287	.00037	.00002	.00004	.00008
%RSD	.61616	13.746	64.173	.37757	10.413	.10469	15.005

#1	2.6147	.00218	.00650	.09923	-.00017	.03598	.00046
#2	2.5920	.00265	.00244	.09870	-.00020	.03593	.00057

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.889	.00510	.00168	.01201	1.7135	.00353	.00835
SDev	.222	.00014	.00032	.00002	.0059	.00004	.00083
%RSD	.39735	2.7471	19.094	.20308	.34440	1.0572	9.8983
#1	56.046	.00500	.00145	.01203	1.7093	.00355	.00894
#2	55.732	.00520	.00190	.01200	1.7177	.00350	.00777

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00278	2.9097	.10859	.00069	.00432	2.9495	6.3268
SDev	.00092	.0109	.00052	.00005	.00023	.0187	.0278
%RSD	32.923	.37569	.47416	7.4722	5.2375	.63497	.43971
#1	-.00343	2.9174	.10895	.00065	.00416	2.9627	6.3464
#2	-.00213	2.9019	.10822	.00072	.00448	2.9363	6.3071

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	3.1286	3.0316	.11398	.00011	.00096	.08101
SDev	.00011	.0097	.0189	.00054	.00165	.00092	.00088
%RSD	109.95	.31123	.62358	.47479	1536.4	95.683	1.0848
#1	-.00018	3.1355	3.0449	.11437	.00127	.00160	.08163
#2	-.00002	3.1217	3.0182	.11360	-.00106	.00031	.08039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00977	.44378	.00493	.01007	-.00085	-.00375
SDev	.00022	.00191	.00002	.00123	.00232	.00021
%RSD	2.2762	.42987	.43956	12.213	274.84	5.6382
#1	.00962	.44513	.00494	.01094	-.00249	-.00390
#2	.00993	.44243	.00491	.00920	.00080	-.00360

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28148	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1381632	--	--	--	--	--	--

#1	28121	--	--	--	--	--	--
#2	28176	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49409-a-6-a Operator: SRP
Run Time: 01/30/12 12:41:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0046	-.00010	.00313	.07763	-.00089	.02216	.00002
SDev	.0086	.00057	.00095	.00007	.00001	.00040	.00009
%RSD	.42674	552.78	30.378	.08737	1.3343	1.7825	441.12
#1	1.9985	.00030	.00381	.07758	-.00088	.02244	.00008
#2	2.0106	-.00051	.00246	.07767	-.00090	.02188	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.378	.00169	.00045	.00918	1.4421	.00125	.00248
SDev	.055	.00022	.00007	.00009	.0094	.00002	.00028
%RSD	.35642	12.790	15.488	.94642	.64974	1.7225	11.183
#1	15.417	.00184	.00049	.00924	1.4487	.00127	.00229
#2	15.339	.00154	.00040	.00911	1.4355	.00124	.00268

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	1.7152	.05289	.00134	.00196	4.3069	5.4965
SDev	.00090	.0104	.00021	.00011	.00039	.0043	.0017
%RSD	256.59	.60373	.38916	8.4097	19.653	.09882	.03132
#1	.00099	1.7225	.05303	.00142	.00224	4.3039	5.4977
#2	-.00029	1.7079	.05274	.00126	.00169	4.3099	5.4952

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	3.9328	3.6591	.04519	.00194	.00138	.01041
SDev	.00021	.0399	.0216	.00000	.00284	.00017	.00005
%RSD	357.35	1.0147	.59111	.00416	146.64	12.298	.44400
#1	.00021	3.9610	3.6438	.04519	.00395	.00150	.01045
#2	-.00009	3.9046	3.6744	.04519	-.00007	.00126	.01038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00566	.10124	.00109	.00318	.00214	-.00054
SDev	.00033	.00016	.00120	.00101	.00160	.00056
%RSD	5.8771	.16103	109.54	31.877	74.538	102.25
#1	.00589	.10135	.00194	.00246	.00327	-.00015
#2	.00542	.10112	.00025	.00390	.00101	-.00094

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	28509	--	--	--	--	--	--
SDev	110.3087	--	--	--	--	--	--
%RSD	.3869257	--	--	--	--	--	--
#1	28431	--	--	--	--	--	--
#2	28587	--	--	--	--	--	--

01/30/12 12:49:37 PM page 28

Method: 20076010 Sample Name: 600-49397-c-1-a Operator: SRP
Run Time: 01/30/12 12:45:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1229	-.00114	.00257	.15231	-.00089	.01832	.00018
SDev	.0103	.00007	.00242	.00050	.00002	.00003	.00001
%RSD	.32945	5.8610	94.279	.33058	1.9819	.14885	3.0059
#1	3.1156	-.00109	.00428	.15195	-.00087	.01834	.00018
#2	3.1302	-.00119	.00086	.15266	-.00090	.01831	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	53.738	.01261	.00138	.00557	1.4639	.00158	.00746
SDev	.396	.00032	.00033	.00008	.0106	.00005	.00071
%RSD	.73683	2.5787	23.735	1.4668	.72466	3.0803	9.5538
#1	53.458	.01238	.00115	.00551	1.4564	.00154	.00696
#2	54.018	.01284	.00161	.00562	1.4714	.00161	.00797

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	1.9611	.17128	-.00033	.00367	1.1219	3.7277
SDev	.00028	.0131	.00107	.00016	.00049	.0232	.0011
%RSD	31.985	.66766	.62371	48.541	13.407	2.0671	.02959
#1	-.00105	1.9518	.17053	-.00021	.00332	1.1055	3.7270
#2	-.00067	1.9703	.17204	-.00044	.00402	1.1383	3.7285

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	1.0566	1.0610	.13313	.00010	-.00029	.09335
SDev	.00025	.0149	.0024	.00053	.00022	.00134	.00013
%RSD	353.13	1.4124	.22250	.39746	216.62	464.00	.13417
#1	.00025	1.0672	1.0626	.13275	.00026	-.00124	.09344
#2	-.00011	1.0461	1.0593	.13350	-.00005	.00066	.09326

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01056	.03160	.00534	.00852	.00288	-.00273
SDev	.00007	.00036	.00123	.00046	.00192	.00137
%RSD	.69004	1.1509	23.013	5.3358	66.611	50.239
#1	.01050	.03134	.00447	.00820	.00423	-.00370
#2	.01061	.03186	.00621	.00885	.00152	-.00176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27962	--	--	--	--	--	--
SDev	197.9899	--	--	--	--	--	--
%RSD	.7080677	--	--	--	--	--	--

#1	28102	--	--	--	--	--	--
#2	27822	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49433-b-1-a Operator: SRP
Run Time: 01/30/12 12:49:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76027	-.00009	.00063	.11748	-.00063	.01475	-.00004
SDev	.00123	.00120	.00126	.00042	.00001	.00050	.00021
%RSD	.16169	1328.9	200.30	.36012	1.6780	3.3790	574.15
#1	.75940	.00076	-.00026	.11718	-.00062	.01440	.00011
#2	.76114	-.00094	.00152	.11777	-.00064	.01511	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.609	.00050	.00164	.00652	.33730	.00065	.00862
SDev	.297	.00011	.00084	.00003	.04047	.00003	.00022
%RSD	.73150	22.529	51.176	.43909	11.997	5.2117	2.5851
#1	40.819	.00042	.00223	.00650	.36591	.00068	.00877
#2	40.399	.00057	.00104	.00654	.30869	.00063	.00846

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00182	8.6670	.15520	-.00026	.00222	1.8600	2.5938
SDev	.00103	.0589	.00084	.00042	.00056	.0019	.0088
%RSD	56.453	.67959	.54172	160.10	25.283	.10471	.34046
#1	-.00109	8.7086	.15579	.00003	.00262	1.8586	2.6001
#2	-.00254	8.6253	.15460	-.00055	.00183	1.8614	2.5876

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	2.3619	2.3765	.05653	-.00083	-.00056	.00435
SDev	.00121	.2010	.0037	.00018	.00380	.00331	.00001
%RSD	265.40	8.5080	.15503	.32012	460.38	593.28	.17407
#1	.00040	2.5040	2.3739	.05640	.00186	.00178	.00435
#2	-.00131	2.2198	2.3791	.05666	-.00352	-.00290	.00436

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00487	.18781	.00264	.01160	-.00257	-.00144
SDev	.00027	.00108	.00636	.00285	.00812	.00252
%RSD	5.5275	.57388	240.81	24.553	315.85	175.11
#1	.00506	.18857	.00714	.00959	.00317	-.00322
#2	.00468	.18705	-.00186	.01362	-.00831	.00034

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/30/12 12:53:28 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28549	--	--	--	--	--	--
SDev	263.0437	--	--	--	--	--	--
%RSD	.9213763	--	--	--	--	--	--
#1	28735	--	--	--	--	--	--
#2	28363	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 12:53:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4200	.48602	.47727	.50980	.45278	.49062	.49228
SDev	.0070	.00076	.00038	.00240	.00078	.00216	.00159
%RSD	.28956	.15684	.08015	.47047	.17141	.44041	.32290
#1	2.4151	.48548	.47700	.50810	.45333	.48909	.49340
#2	2.4250	.48656	.47754	.51149	.45223	.49215	.49115

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.943	.45163	.44358	.47336	2.4940	.46065	.47015
SDev	.027	.00085	.00118	.00139	.0140	.00226	.00126
%RSD	.22500	.18891	.26572	.29287	.56290	.48949	.26814
#1	11.962	.45223	.44441	.47238	2.5039	.45906	.47104
#2	11.924	.45103	.44274	.47434	2.4841	.46224	.46926

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46497	4.6346	.45965	.47976	.47878	11.989	.87864
SDev	.00400	.0129	.00035	.00221	.00116	.072	.00068
%RSD	.85951	.27818	.07570	.46048	.24181	.60024	.07682
#1	.46215	4.6438	.45990	.47820	.47960	11.938	.87912
#2	.46780	4.6255	.45941	.48133	.47796	12.040	.87817

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23961	12.090	11.814	.25657	.52066	.44687	.48646
SDev	.00029	.065	.054	.00100	.00553	.00075	.00073
%RSD	.12110	.53761	.46091	.38820	1.0622	.16775	.14996
#1	.23940	12.136	11.775	.25587	.51675	.44740	.48595
#2	.23981	12.044	11.852	.25728	.52457	.44634	.48698

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46854	.49942	.42940	.49052	.42195	.48654
SDev	.00002	.00039	.00080	.00229	.00032	.00616
%RSD	.00398	.07795	.18734	.46751	.07631	1.2652

#1	.46852	.49915	.42883	.49214	.42218	.48219

#2	.46855	.49970	.42997	.48890	.42172	.49089

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28404	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.3012196	--	--	--	--	--	--
#1	28465	--	--	--	--	--	--
#2	28344	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/30/12 12:57:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07167	.00205	.00190	.00043	-.00082	.00181	.00027
SDev	.00106	.00070	.00053	.00003	.00006	.00068	.00012
%RSD	1.4837	34.021	28.123	6.4118	7.8100	37.692	42.699
#1	.07092	.00155	.00227	.00041	-.00086	.00229	.00035
#2	.07243	.00254	.00152	.00045	-.00077	.00133	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	.00024	.00022	-.00230	.01152	.00009	-.00017
SDev	.00170	.00008	.00011	.00030	.02233	.00002	.00024
%RSD	89.553	33.331	48.306	13.052	193.80	21.473	136.35
#1	.00069	.00030	.00030	-.00209	.02731	.00007	-.00034
#2	.00309	.00019	.00015	-.00251	-.00427	.00010	-.00001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	-.00415	.00008	.00063	.00040	-.16126	-.01515
SDev	.00170	.00151	.00000	.00068	.00061	.02392	.00108
%RSD	69.973	36.351	1.2771	107.57	152.99	14.833	7.1483
#1	.00363	-.00308	.00008	.00111	.00083	-.14435	-.01438
#2	.00123	-.00521	.00008	.00015	-.00003	-.17818	-.01591

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	-.06920	-.00059	.00013	.00257	-.00084	.00042
SDev	.00064	.10948	.00082	.00004	.00262	.00077	.00004
%RSD	701.98	158.21	138.99	27.070	101.78	92.547	9.5177
#1	.00036	.00821	-.00117	.00011	.00443	-.00029	.00045
#2	-.00055	-.14661	-.00001	.00016	.00072	-.00138	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.00007	-.00190	.00069	.00342	.00193

SDev	.00024	.00001	.00339	.00134	.00172	.00341	
%RSD	30.557	8.0891	178.59	194.57	50.323	176.49	
#1	.00094	.00006	-.00429	.00164	.00220	.00434	
#2	.00061	.00007	.00050	-.00026	.00464	-.00048	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28562	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.2549917	--	--	--	--	--	--
#1	28614	--	--	--	--	--	--
#2	28511	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49433-b-2-a Operator: SRP
Run Time: 01/30/12 13:01:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34474	.00123	.00035	.01540	-.00098	.00523	.00003
SDev	.01764	.00197	.00031	.00036	.00011	.00039	.00001
%RSD	5.1167	161.04	90.710	2.3376	10.948	7.5005	29.308
#1	.35722	.00262	.00012	.01565	-.00105	.00551	.00002
#2	.33227	-.00017	.00057	.01514	-.00090	.00496	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8946	.00044	.00028	-.00184	.16915	.00088	.00091
SDev	.1654	.00018	.00037	.00026	.02026	.00006	.00038
%RSD	3.3791	41.016	131.27	14.172	11.980	7.1892	42.015
#1	5.0116	.00057	.00054	-.00165	.18348	.00093	.00064
#2	4.7777	.00032	.00002	-.00202	.15482	.00084	.00119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00274	.47842	.00773	-.00071	.00041	2.5624	1.0892
SDev	.00056	.02525	.00020	.00059	.00040	.1232	.0379
%RSD	20.408	5.2773	2.6529	83.275	98.537	4.8080	3.4758
#1	-.00313	.49628	.00787	-.00029	.00069	2.6495	1.1160
#2	-.00234	.46057	.00758	-.00113	.00012	2.4753	1.0624

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	1.9054	1.7530	.01906	-.00019	-.00103	.00155
SDev	.00023	.1526	.0509	.00049	.00150	.00061	.00006
%RSD	189.10	8.0090	2.9044	2.5979	801.49	59.721	3.6007
#1	.00029	2.0133	1.7890	.01941	.00087	-.00059	.00159
#2	-.00004	1.7975	1.7170	.01871	-.00125	-.00146	.00151

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00308	.03252	-.00015	.00145	-.00335	-.00243
SDev	.00038	.00118	.00006	.00054	.00085	.00041
%RSD	12.323	3.6378	42.189	37.570	25.483	16.907
#1	.00335	.03336	-.00020	.00106	-.00395	-.00272
#2	.00282	.03168	-.00011	.00183	-.00275	-.00214

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28872	--	--	--	--	--	--
SDev	651.2454	--	--	--	--	--	--
%RSD	2.255590	--	--	--	--	--	--
#1	28412	--	--	--	--	--	--
#2	29333	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49433-b-3-a Operator: SRP
Run Time: 01/30/12 13:05:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20607	.00063	.00089	.01473	-.00119	.00798	.00003
SDev	.00088	.00095	.00096	.00003	.00002	.00040	.00009
%RSD	.42889	149.55	107.30	.21980	2.0669	4.9442	288.48
#1	.20545	-.00004	.00157	.01476	-.00120	.00826	-.00003
#2	.20670	.00130	.00022	.01471	-.00117	.00770	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4472	.00002	-.00014	.00040	.12044	.00002	.00027
SDev	.0121	.00004	.00003	.00003	.00769	.00001	.00033
%RSD	.35184	257.00	24.087	8.7701	6.3828	51.474	119.99
#1	3.4558	.00005	-.00012	.00043	.12588	.00002	.00004
#2	3.4387	-.00001	-.00017	.00038	.11501	.00003	.00051

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	.77818	.00178	.00060	.00026	.66479	2.2668
SDev	.00069	.00393	.00003	.00029	.00042	.00479	.0049
%RSD	91.270	.50532	1.4803	49.261	161.50	.72117	.21601
#1	-.00027	.78096	.00180	.00081	.00056	.66818	2.2702
#2	-.00124	.77540	.00177	.00039	-.00004	.66140	2.2633

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	1.0816	1.0259	.01017	-.00124	-.00024	.00108
SDev	.00016	.0649	.0004	.00000	.00277	.00189	.00001

%RSD	1052.5	5.9963	.03972	.01653	224.52	779.21	.75704

#1	.00013	1.1275	1.0256	.01018	.00073	.00109	.00108
#2	-.00010	1.0357	1.0262	.01017	-.00320	-.00158	.00107

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00123	.10171	-.00100	.00091	.00002	-.00114
SDev	.00007	.00001	.00103	.00002	.00128	.00167
%RSD	6.0655	.01141	102.55	2.0555	5960.9	146.68

#1	.00118	.10172	-.00172	.00092	-.00089	.00004
#2	.00129	.10170	-.00027	.00090	.00093	-.00232

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28030	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.0983862	--	--	--	--	--	--

#1	28010	--	--	--	--	--	--
#2	28049	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 13:08:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4212	.48977	.47632	.51776	.44603	.49494	.49414
SDev	.0302	.00301	.00771	.00456	.00572	.00465	.00551
%RSD	1.2466	.61455	1.6184	.88092	1.2815	.93988	1.1147

#1	2.4426	.49190	.48177	.52099	.45007	.49823	.49804
#2	2.3999	.48764	.47087	.51454	.44199	.49165	.49025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.878	.44626	.43745	.47272	2.5014	.46550	.46774
SDev	.155	.00575	.00516	.00427	.0340	.00345	.00521
%RSD	1.3027	1.2891	1.1789	.90263	1.3610	.74147	1.1133

#1	11.987	.45033	.44109	.47574	2.5254	.46794	.47142
#2	11.769	.44219	.43380	.46971	2.4773	.46306	.46406

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46366	4.5988	.45751	.47922	.48141	12.121	.87576
SDev	.00346	.0692	.00526	.00254	.00655	.070	.01068
%RSD	.74680	1.5056	1.1486	.52964	1.3606	.57621	1.2199

#1	.46611	4.6478	.46122	.48101	.48604	12.171	.88331
#2	.46122	4.5499	.45379	.47742	.47678	12.072	.86821

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24026	12.259	11.913	.26058	.53070	.43989	.48763

SDev	.00250	.024	.065	.00231	.00381	.00556	.00519
%RSD	1.0421	.19334	.54143	.88646	.71840	1.2640	1.0648
#1	.24203	12.275	11.959	.26222	.53339	.44382	.49130
#2	.23849	12.242	11.867	.25895	.52800	.43596	.48396

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46616	.50011	.42107	.49107	.42184	.48463
SDev	.00477	.00542	.00549	.00507	.00337	.00351
%RSD	1.0221	1.0833	1.3041	1.0315	.79800	.72454
#1	.46953	.50394	.42496	.49466	.42422	.48711
#2	.46279	.49628	.41719	.48749	.41946	.48215

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27885	--	--	--	--	--	--
SDev	205.0610	--	--	--	--	--	--
%RSD	.7353809	--	--	--	--	--	--
#1	27740	--	--	--	--	--	--
#2	28030	--	--	--	--	--	--

Analysis Report Blank Sample 01/30/12 01:19:25 PM page 1

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/30/12 13:15:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07971	.00268	.00143	.00060	-.00086	.00205	.00038
SDev	.00207	.00025	.00012	.00007	.00003	.00020	.00013
%RSD	2.5936	9.1964	8.5921	12.222	2.9380	9.7083	35.437
#1	.07825	.00285	.00135	.00054	-.00088	.00219	.00028
#2	.08117	.00251	.00152	.00065	-.00084	.00191	.00047

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00413	.00041	.00032	-.00276	.00353	.00027	.00129
SDev	.00270	.00019	.00039	.00014	.02306	.00010	.00032
%RSD	65.526	46.987	121.55	5.0496	653.17	37.992	24.944
#1	.00221	.00028	.00004	-.00286	-.01278	.00020	.00107
#2	.00604	.00055	.00059	-.00266	.01984	.00034	.00152

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	-.00117	.00026	.00127	.00057	-.14758	-.01916
SDev	.00227	.00711	.00005	.00035	.00071	.03721	.00059
%RSD	102.56	609.28	20.435	27.809	124.52	25.216	3.0761
#1	.00382	-.00620	.00022	.00153	.00007	-.17389	-.01957
#2	.00061	.00386	.00030	.00102	.00108	-.12126	-.01874

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00023	-.03736	.00375	.00023	.00220	-.00029	.00059
SDev	.00073	.08117	.00258	.00004	.00048	.00147	.00000
%RSD	313.74	217.30	68.868	16.030	21.719	503.98	.31280
#1	-.00028	-.09475	.00192	.00020	.00187	-.00133	.00059
#2	.00075	.02004	.00557	.00025	.00254	.00075	.00059

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.00028	-.00121	.00254	.00343	.00161
SDev	.00007	.00001	.00255	.00079	.00025	.00328
%RSD	7.3470	2.5156	210.82	31.001	7.3746	203.89
#1	.00106	.00028	-.00301	.00310	.00360	.00393
#2	.00096	.00029	.00059	.00199	.00325	-.00071

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28294	--	--	--	--	--	--
SDev	222.7386	--	--	--	--	--	--
%RSD	.7872153	--	--	--	--	--	--

Analysis Report Blank Sample 01/30/12 01:19:25 PM page 2

#1	28452	--	--	--	--	--	--
#2	28137	--	--	--	--	--	--

Analysis Report 01/30/12 01:28:06 PM page 1

Method: 20076010 Sample Name: mb 600-71001/1-a Operator: SRP
Run Time: 01/30/12 13:24:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06989	.00232	.00074	.00121	-.00125	.00032	.00009
SDev	.00110	.00244	.00111	.00022	.00015	.00044	.00021
%RSD	1.5669	105.14	150.89	18.003	12.119	134.55	225.98
#1	.06912	.00060	-.00005	.00106	-.00135	.00002	-.00006
#2	.07067	.00405	.00152	.00136	-.00114	.00063	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01398	.00039	-.00013	-.00316	.02359	-.00003	.00107
SDev	.00475	.00021	.00011	.00009	.00338	.00017	.00053
%RSD	33.978	53.045	82.428	2.7558	14.344	616.19	49.861
#1	-.01734	.00025	-.00005	-.00322	.02598	-.00015	.00069
#2	-.01062	.00054	-.00021	-.00310	.02120	.00009	.00145

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.01620	.00015	-.00066	-.00001	-.15384	-.01623
SDev	.00024	.00392	.00024	.00005	.00026	.01263	.00089
%RSD	55.467	24.210	157.24	7.8914	2944.4	8.2127	5.4783

#1	.00060	-.01897	-.00002	-.00070	.00017	-.16277	-.01686
#2	.00026	-.01343	.00032	-.00063	-.00019	-.14491	-.01560

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.05343	.00863	.00001	-.00366	.02717	.00009
SDev	.00005	.02604	.00537	.00010	.00040	.00050	.00022
%RSD	21.634	48.740	62.273	1063.8	10.820	1.8334	229.10

#1	.00029	.07184	.00483	-.00006	-.00394	.02682	-.00006
#2	.00021	.03502	.01243	.00008	-.00338	.02752	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00170	.00238	.00042	-.00456	.00293
SDev	.00047	.00028	.00147	.00007	.00090	.00081
%RSD	95.069	16.408	61.671	16.293	19.632	27.545

#1	.00016	.00150	.00134	.00037	-.00519	.00350
#2	.00082	.00190	.00342	.00047	-.00393	.00236

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	28466	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.1043297	--	--	--	--	--	--

#1	28487	--	--	--	--	--	--
#2	28445	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-71001/2-a Operator: SRP
Run Time: 01/30/12 13:28:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.950	.77083	1.3082	2.8329	1.3692	.87804	.70912
SDev	.016	.00342	.0078	.0043	.0064	.00349	.00437
%RSD	.02072	.44406	.59816	.15091	.46931	.39768	.61586

#1	74.961	.76841	1.3027	2.8299	1.3647	.87557	.70603
#2	74.939	.77325	1.3138	2.8360	1.3738	.88050	.71221

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.030	.93187	1.2369	1.0455	159.50	.08382	1.3035
SDev	.421	.00421	.0033	.0012	.60	.00009	.0141
%RSD	.47796	.45164	.26980	.11084	.37914	.10127	1.0803

#1	87.732	.92889	1.2346	1.0447	159.07	.08376	1.2935
#2	88.327	.93484	1.2393	1.0463	159.93	.08388	1.3134

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.7466	36.164	4.6941	.91293	1.2881	48.240	10.563
SDev	.0146	.110	.0173	.00538	.0074	.021	.024
%RSD	.83347	.30420	.36785	.58883	.57221	.04442	.22901
#1	1.7363	36.087	4.6819	.90913	1.2933	48.225	10.546
#2	1.7569	36.242	4.7063	.91673	1.2829	48.256	10.580

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45994	3.5278	6.8255	2.6798	1.7281	1.4134	3.8395
SDev	.00119	.0509	.0007	.0053	.0162	.0085	.0131
%RSD	.25897	1.4433	.01002	.19855	.93703	.59992	.34191
#1	.45909	3.5638	6.8260	2.6760	1.7167	1.4074	3.8302
#2	.46078	3.4918	6.8250	2.6835	1.7396	1.4194	3.8488

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57878	2.0913	1.1498	1.3803	1.5648	1.8374
SDev	.00117	.0111	.0031	.0196	.0062	.0249
%RSD	.20233	.53115	.26835	1.4185	.39759	1.3577
#1	.57795	2.0835	1.1476	1.3664	1.5692	1.8198
#2	.57961	2.0992	1.1520	1.3941	1.5604	1.8551

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 01/30/12 01:31:57 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30144	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0164206	--	--	--	--	--	--
#1	30147	--	--	--	--	--	--
#2	30140	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-b-1-a Operator: SRP
Run Time: 01/30/12 13:32:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	162.70	.00433	.10855	1.5599	.01159	.08868	.00818
SDev	.25	.00176	.00025	.0034	.00003	.00079	.00036
%RSD	.15446	40.576	.22720	.21610	.28130	.89474	4.4462
#1	162.88	.00558	.10872	1.5622	.01161	.08924	.00844
#2	162.52	.00309	.10837	1.5575	.01157	.08812	.00793

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	315.33	.17956	.13906	.19199	212.99	.15232	.89604
SDev	.16	.00072	.00018	.00043	.17	.00009	.00044
%RSD	.05167	.40186	.12834	.22579	.07921	.05586	.04879
#1	315.44	.18007	.13918	.19229	213.11	.15238	.89635
#2	315.21	.17905	.13893	.19168	212.87	.15226	.89573

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01264	21.882	2.6903	.00622	.22494	22.434	9.4417
SDev	.00161	.035	.0047	.00119	.00133	.001	.0052
%RSD	12.719	.15915	.17532	19.147	.58993	.00554	.05487
#1	-.01377	21.907	2.6936	.00706	.22588	22.433	9.4454
#2	-.01150	21.858	2.6870	.00538	.22400	22.435	9.4381

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00304	134.28	112.74	1.8623	.00822	.04743	.35517
SDev	.00032	.08	.05	.0027	.00792	.00162	.00111
%RSD	10.517	.06305	.04788	.14641	96.290	3.4098	.31370
#1	-.00282	134.34	112.78	1.8642	.01382	.04858	.35596
#2	-.00327	134.22	112.70	1.8604	.00262	.04629	.35438

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54202	.45461	.76037	.96387	-.00763	-.01514
SDev	.00108	.00033	.00429	.00149	.00273	.00104
%RSD	.19989	.07202	.56361	.15428	35.852	6.8954
#1	.54278	.45484	.76340	.96282	-.00956	-.01588

#2	.54125	.45438	.75734	.96493	-.00569	-.01441

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32086	--	--	--	--	--	--
SDev	128.6934	--	--	--	--	--	--
%RSD	.4010890	--	--	--	--	--	--
#1	31995	--	--	--	--	--	--
#2	32177	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-b-1-b du Operator: SRP
Run Time: 01/30/12 13:35:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	165.81	.00448	.11745	2.1593	.01173	.09649	.01343
SDev	5.11	.00070	.00669	.0633	.00035	.00291	.00061
%RSD	3.0819	15.686	5.6969	2.9318	3.0019	3.0172	4.5243
#1	169.43	.00497	.12218	2.2040	.01198	.09855	.01386
#2	162.20	.00398	.11272	2.1145	.01148	.09443	.01300

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	477.90	.18189	.11235	.18413	222.24	.16885	.77576
SDev	14.29	.00559	.00365	.00580	6.89	.00497	.01806
%RSD	2.9911	3.0710	3.2470	3.1484	3.1021	2.9440	2.3282

#1	488.00	.18584	.11492	.18823	227.11	.17237	.78853
#2	467.79	.17794	.10977	.18003	217.36	.16534	.76299

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01703	22.747	3.4006	.00632	.23841	24.918	9.0939
SDev	.00333	.700	.1034	.00103	.00652	.716	.2728
%RSD	19.569	3.0753	3.0419	16.247	2.7331	2.8745	2.9997
#1	-.01467	23.242	3.4737	.00705	.24302	25.424	9.2868
#2	-.01938	22.253	3.3274	.00559	.23380	24.411	8.9010

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00343	136.92	116.20	2.3280	.00597	.04495	.32071
SDev	.00002	4.23	3.41	.0710	.00005	.00101	.00968
%RSD	.64678	3.0908	2.9368	3.0514	.82147	2.2433	3.0187
#1	-.00342	139.91	118.61	2.3783	.00594	.04566	.32756
#2	-.00345	133.93	113.79	2.2778	.00601	.04423	.31386

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54855	.49710	.64976	.83876	-.01184	-.01962

SDev	.01668	.01529	.01707	.01856	.00579	.00210
%RSD	3.0404	3.0769	2.6263	2.2127	48.929	10.711
#1	.56034	.50792	.66183	.85188	-.00774	-.01813
#2	.53675	.48629	.63769	.82564	-.01593	-.02111

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32354	--	--	--	--	--	--
SDev	806.1018	--	--	--	--	--	--
%RSD	2.491506	--	--	--	--	--	--
#1	31784	--	--	--	--	--	--
#2	32924	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-1-d ms Operator: SRP
Run Time: 01/30/12 13:39:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	232.23	.26745	.89775	2.7980	.35190	.64363	.39512
SDev	.29	.00255	.00493	.0083	.00298	.00235	.00352
%RSD	.12611	.95469	.54875	.29716	.84583	.36482	.89029
#1	232.02	.26925	.90123	2.7921	.35401	.64529	.39760
#2	232.44	.26564	.89426	2.8039	.34980	.64197	.39263

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	715.43	.90978	.73241	1.0598	255.20	.72192	2.4769
SDev	6.11	.00733	.00664	.0030	2.09	.00530	.0160

%RSD	.85360	.80540	.90649	.28760	.82077	.73479	.64661
#1	719.75	.91496	.73710	1.0577	256.68	.71817	2.4882
#2	711.11	.90460	.72771	1.0620	253.72	.72567	2.4656

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67347	35.285	5.3764	.64065	.92105	42.159	11.167
SDev	.00086	.211	.0319	.00334	.00709	.332	.020
%RSD	.12743	.59658	.59319	.52112	.76998	.78678	.18338
#1	.67407	35.433	5.3990	.64301	.92607	41.924	11.182
#2	.67286	35.136	5.3539	.63829	.91604	42.393	11.153

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40814	153.44	129.87	3.2782	.83105	.71451	.66359
SDev	.00021	.88	.72	.0046	.00315	.00840	.00098
%RSD	.05156	.57298	.55255	.13896	.37908	1.1757	.14836
#1	.40829	152.82	129.37	3.2750	.82882	.72045	.66429
#2	.40799	154.06	130.38	3.2815	.83328	.70857	.66289

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3580	1.3029	2.1229	2.6539	.59808	.71116
SDev	.0059	.0066	.0173	.0154	.00284	.00013
%RSD	.43638	.50724	.81415	.57960	.47465	.01857
#1	1.3622	1.3076	2.1351	2.6648	.60009	.71107
#2	1.3539	1.2983	2.1107	2.6430	.59607	.71125

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31284	--	--	--	--	--	--
SDev	257.3869	--	--	--	--	--	--
%RSD	.8227428	--	--	--	--	--	--
#1	31466	--	--	--	--	--	--
#2	31102	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-1-e msd Operator: SRP
Run Time: 01/30/12 13:43:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.35	.26937	.89520	2.7732	.35104	.59022	.38404
SDev	1.47	.00420	.00692	.0180	.00291	.00459	.00385
%RSD	.67436	1.5599	.77248	.64902	.82976	.77718	1.0032
#1	216.32	.26640	.89031	2.7604	.34898	.58698	.38131
#2	218.39	.27234	.90009	2.7859	.35310	.59346	.38676

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	571.11	.89837	.73280	.97678	264.10	.71701	1.5062
SDev	4.70	.00730	.00550	.00480	2.30	.00479	.0138
%RSD	.82252	.81198	.75105	.49123	.87104	.66868	.91857
#1	567.79	.89321	.72891	.97339	262.47	.71362	1.4964
#2	574.44	.90352	.73669	.98017	265.72	.72040	1.5160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66828	33.448	5.2965	.63668	.92833	41.156	9.7656
SDev	.01255	.256	.0416	.00560	.00607	.254	.0764
%RSD	1.8783	.76482	.78529	.87924	.65354	.61669	.78185
#1	.65941	33.267	5.2671	.63273	.92404	40.977	9.7116
#2	.67716	33.629	5.3260	.64064	.93262	41.336	9.8196

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40727	151.08	128.06	3.1410	.85011	.67057	.66712
SDev	.00236	1.13	.74	.0213	.00400	.00092	.00477

%RSD	.57943	.74555	.58052	.67698	.47114	.13638	.71505
#1	.40560	150.28	127.53	3.1260	.84728	.66992	.66375
#2	.40894	151.87	128.59	3.1560	.85295	.67121	.67049

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3064	1.3424	1.2800	1.6193	.60150	.70167
SDev	.0108	.0110	.0082	.0167	.00660	.01553
%RSD	.82386	.82048	.63708	1.0298	1.0975	2.2129
#1	1.2988	1.3346	1.2743	1.6075	.59683	.69069
#2	1.3140	1.3502	1.2858	1.6311	.60617	.71265

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30653	--	--	--	--	--	--
SDev	87.68124	--	--	--	--	--	--
%RSD	.2860446	--	--	--	--	--	--
#1	30715	--	--	--	--	--	--
#2	30591	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-2-a Operator: SRP
Run Time: 01/30/12 13:47:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	200.16	.01072	.13294	1.8171	.01339	.09406	.01391
SDev	1.13	.00125	.00092	.0146	.00006	.00090	.00002
%RSD	.56555	11.639	.68959	.80409	.46120	.96243	.10724
#1	199.36	.01160	.13359	1.8068	.01343	.09470	.01392
#2	200.96	.00983	.13230	1.8274	.01334	.09342	.01390

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	437.79	.22081	.09130	.23270	251.73	.18483	3.9019
SDev	.30	.00021	.00021	.00084	.04	.00194	.0067
%RSD	.06840	.09519	.22820	.36101	.01595	1.0489	.17273
#1	437.58	.22096	.09145	.23210	251.70	.18346	3.8972
#2	438.00	.22066	.09115	.23329	251.76	.18620	3.9067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02064	27.102	3.0099	.01268	.21754	28.760	9.0782
SDev	.00296	.031	.0057	.00101	.00042	.333	.0228
%RSD	14.324	.11340	.18889	7.9638	.19122	1.1584	.25135
#1	-.01855	27.080	3.0059	.01339	.21725	28.524	9.0620
#2	-.02273	27.124	3.0139	.01196	.21784	28.995	9.0943

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00306	155.13	128.53	2.0011	.01656	.06440	.39913
SDev	.00010	1.11	1.11	.0152	.00535	.00059	.00148
%RSD	3.2128	.71243	.86237	.76100	32.298	.91233	.37182
#1	-.00299	154.35	127.75	1.9903	.02035	.06399	.39808
#2	-.00313	155.91	129.31	2.0118	.01278	.06482	.40018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65958	.47484	3.3576	4.1741	-.01462	-.02365
SDev	.00224	.00090	.0073	.0065	.00505	.00696
%RSD	.33893	.18960	.21717	.15486	34.559	29.437
#1	.65800	.47420	3.3525	4.1695	-.01819	-.01873
#2	.66116	.47548	3.3628	4.1787	-.01105	-.02857

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31616	--	--	--	--	--	--
SDev	238.2950	--	--	--	--	--	--
%RSD	.7537283	--	--	--	--	--	--
#1	31784	--	--	--	--	--	--
#2	31447	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-3-a Operator: SRP
Run Time: 01/30/12 13:51:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	188.21	.00671	.12921	1.7908	.01052	.17146	.02060
SDev	1.33	.01027	.00597	.0140	.00018	.00223	.00005
%RSD	.70681	153.07	4.6200	.77993	1.7071	1.3025	.24156
#1	189.15	-.00055	.12499	1.8007	.01039	.16989	.02057

#2	187.27	.01398	.13343	1.7809	.01065	.17304	.02064
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	938.36	.20454	.07858	.21337	229.13	.20040	3.5503
SDev	10.22	.00340	.00190	.00027	2.47	.00268	.0376
%RSD	1.0897	1.6614	2.4130	.12518	1.0793	1.3373	1.0589
#1	931.13	.20214	.07724	.21356	227.38	.20230	3.5769
#2	945.59	.20695	.07992	.21318	230.88	.19851	3.5238
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02331	24.893	3.6446	.00782	.20258	29.739	10.209
SDev	.00254	.186	.0257	.00019	.00419	.503	.026
%RSD	10.904	.74582	.70394	2.4916	2.0671	1.6911	.25115

#1	-.02511	24.761	3.6264	.00768	.19962	30.095	10.191
#2	-.02151	25.024	3.6627	.00796	.20554	29.384	10.227
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00402	114.10	105.32	3.4038	.00991	.06214	.37330
SDev	.00141	.74	1.30	.0184	.00384	.00273	.00085
%RSD	34.973	.64429	1.2330	.54015	38.698	4.3938	.22699
#1	-.00502	114.62	106.24	3.4168	.01263	.06021	.37270
#2	-.00303	113.58	104.40	3.3908	.00720	.06407	.37390
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.59403	.51853	3.0196	3.8157	-.01495	-.02749	
SDev	.00363	.00378	.0138	.0495	.01455	.00346	
%RSD	.61082	.72876	.45822	1.2965	97.331	12.589	
#1	.59146	.51586	3.0294	3.8507	-.02523	-.02505	
#2	.59660	.52120	3.0098	3.7807	-.00466	-.02994	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30677	--	--	--	--	--	--
SDev	441.2346	--	--	--	--	--	--
%RSD	1.438324	--	--	--	--	--	--
#1	30365	--	--	--	--	--	--
#2	30989	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-4-a Operator: SRP
Run Time: 01/30/12 13:55:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	182.93	.00456	.11892	1.6585	.01155	.12126	.00164
SDev	1.90	.00132	.00002	.0195	.00001	.00026	.00004
%RSD	1.0367	28.898	.01415	1.1757	.11053	.21429	2.3345

#1	184.27	.00549	.11893	1.6723	.01156	.12145	.00167
#2	181.59	.00363	.11891	1.6447	.01154	.12108	.00162

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	554.78	.19392	.09376	.12074	231.78	.17817	2.2408
SDev	.09	.00091	.00056	.00154	.49	.00222	.0050
%RSD	.01613	.46774	.59458	1.2736	.20994	1.2439	.22476
#1	554.84	.19456	.09337	.12183	232.12	.17973	2.2444
#2	554.71	.19328	.09416	.11966	231.43	.17660	2.2373

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02419	25.084	3.8820	.00518	.18893	25.087	9.8703
SDev	.00061	.111	.0157	.00020	.00039	.332	.0567
%RSD	2.5228	.44211	.40471	3.8552	.20756	1.3230	.57402
#1	-.02462	25.162	3.8931	.00504	.18865	25.322	9.9104
#2	-.02376	25.006	3.8709	.00532	.18921	24.852	9.8303

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00262	165.52	137.33	2.5307	.01669	.03729	.35314
SDev	.00073	1.53	1.71	.0255	.00121	.00403	.00275
%RSD	27.779	.92170	1.2477	1.0072	7.2578	10.800	.77907
#1	-.00314	166.60	138.54	2.5487	.01755	.03445	.35509
#2	-.00211	164.44	136.12	2.5126	.01584	.04014	.35120

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59297	.40289	1.9038	2.4093	-.01174	-.03042
SDev	.00414	.00270	.0131	.0010	.00156	.00169
%RSD	.69870	.67052	.69056	.04073	13.259	5.5670
#1	.59590	.40480	1.9131	2.4100	-.01064	-.03162
#2	.59004	.40098	1.8945	2.4086	-.01284	-.02922

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30370	--	--	--	--	--	--
SDev	499.2174	--	--	--	--	--	--
%RSD	1.643785	--	--	--	--	--	--
#1	30017	--	--	--	--	--	--
#2	30723	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-5-a Operator: SRP
Run Time: 01/30/12 13:58:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	188.69	.00326	.11905	2.1652	.01224	.13377	.00234
SDev	1.29	.00175	.00041	.0139	.00008	.00016	.00009
%RSD	.68594	53.571	.34658	.64142	.64292	.11963	3.7501
#1	189.61	.00203	.11934	2.1751	.01229	.13388	.00227
#2	187.78	.00450	.11876	2.1554	.01218	.13366	.00240

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	496.76	.20246	.06488	.13734	227.48	.20763	.56064
SDev	3.05	.00158	.00040	.00122	1.27	.00131	.00535
%RSD	.61338	.77901	.62362	.89176	.55903	.63294	.95441

#1	498.92	.20357	.06460	.13820	228.38	.20855	.56442
#2	494.61	.20134	.06517	.13647	226.58	.20670	.55685

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02170	28.201	2.6041	.00183	.19659	24.339	9.2560
SDev	.00105	.206	.0166	.00093	.00061	.123	.0571
%RSD	4.8357	.72889	.63709	50.697	.30860	.50690	.61648
#1	-.02096	28.346	2.6159	.00248	.19616	24.426	9.2963
#2	-.02244	28.055	2.5924	.00117	.19701	24.252	9.2157

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00385	118.77	105.28	2.0090	.01411	.02401	.35415
SDev	.00106	.40	.64	.0120	.00569	.00270	.00238
%RSD	27.498	.33515	.60901	.59702	40.299	11.259	.67122
#1	-.00460	119.06	105.73	2.0175	.01009	.02210	.35584
#2	-.00310	118.49	104.83	2.0005	.01813	.02593	.35247

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60683	.46176	.44374	.61908	-.01342	-.02584
SDev	.00485	.00236	.00054	.00830	.00505	.00410
%RSD	.79952	.51216	.12122	1.3399	37.606	15.854
#1	.61026	.46343	.44336	.62495	-.01699	-.02294
#2	.60340	.46009	.44412	.61322	-.00985	-.02874

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32084	--	--	--	--	--	--
SDev	252.4371	--	--	--	--	--	--
%RSD	.7868129	--	--	--	--	--	--
#1	31905	--	--	--	--	--	--
#2	32262	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 14:02:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3529	.49685	.47230	.52673	.42197	.50097	.50703
SDev	.0467	.00555	.00364	.00767	.00637	.00697	.00682
%RSD	1.9829	1.1170	.77037	1.4556	1.5092	1.3909	1.3444
#1	2.3859	.50077	.47487	.53215	.42647	.50590	.51185
#2	2.3200	.49292	.46973	.52131	.41747	.49605	.50221

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.795	.42900	.41341	.44601	2.5092	.47562	.46644
SDev	.184	.00653	.00622	.00681	.0235	.00683	.00888
%RSD	1.5584	1.5224	1.5045	1.5263	.93546	1.4359	1.9045
#1	11.925	.43361	.41781	.45083	2.5258	.48045	.47273
#2	11.665	.42438	.40901	.44120	2.4926	.47080	.46016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44634	4.4622	.44658	.47300	.48357	12.444	.87676
SDev	.00683	.0668	.00706	.00727	.00843	.183	.02164
%RSD	1.5300	1.4968	1.5801	1.5366	1.7422	1.4726	2.4685
#1	.45116	4.5095	.45157	.47814	.48953	12.573	.89207
#2	.44151	4.4150	.44159	.46786	.47761	12.314	.86146

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23643	12.140	12.166	.26497	.53659	.41887	.48259
SDev	.00291	.101	.172	.00384	.00392	.00701	.00702
%RSD	1.2306	.83084	1.4106	1.4491	.73104	1.6734	1.4553
#1	.23849	12.212	12.287	.26769	.53936	.42383	.48756
#2	.23437	12.069	12.045	.26226	.53382	.41392	.47762

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44865	.50557	.39748	.50093	.38999	.47456
SDev	.00711	.00695	.00534	.01065	.00160	.00944
%RSD	1.5853	1.3750	1.3441	2.1269	.41072	1.9900
#1	.45368	.51049	.40126	.50846	.39113	.48124
#2	.44362	.50066	.39370	.49339	.38886	.46788

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27624	--	--	--	--	--	--
SDev	214.2534	--	--	--	--	--	--
%RSD	.7756199	--	--	--	--	--	--
#1	27472	--	--	--	--	--	--
#2	27775	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP

Run Time: 01/30/12 14:06:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10882	.00166	-.00076	.00035	-.00155	.00147	.00028
SDev	.00181	.00076	.00163	.00003	.00002	.00080	.00006

%RSD	1.6654	46.147	213.56	7.0299	1.1789	54.439	22.045
#1	.11010	.00112	.00039	.00033	-.00156	.00204	.00033
#2	.10754	.00220	-.00192	.00037	-.00154	.00091	.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00481	-.00003	.00027	-.00401	.01335	.00036	.00066
SDev	.00034	.00022	.00044	.00007	.01524	.00001	.00004
%RSD	7.1259	682.03	167.16	1.8264	114.09	3.8545	5.8431
#1	-.00456	-.00019	.00058	-.00406	.02413	.00037	.00069
#2	-.00505	.00012	-.00005	-.00396	.00258	.00035	.00063

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00262	.00581	.00002	.00032	.00035	-.06985	-.01150
SDev	.00479	.00523	.00007	.00062	.00027	.02760	.00133
%RSD	182.70	90.007	416.11	195.26	78.751	39.515	11.605
#1	-.00077	.00951	-.00003	.00075	.00054	-.05034	-.01056
#2	.00601	.00211	.00007	-.00012	.00015	-.08937	-.01244

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	-.01043	.01314	.00011	.00133	-.00077	.00030
SDev	.00048	.09172	.00148	.00001	.00137	.00040	.00010
%RSD	183.33	879.03	11.291	12.546	102.87	52.149	33.864
#1	.00060	.05442	.01419	.00010	.00230	-.00048	.00037
#2	-.00008	-.07529	.01209	.00012	.00036	-.00105	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	-.00045	-.00000	.00099	.00442	.00172
SDev	.00007	.00004	.00119	.00054	.00118	.00660
%RSD	15.639	9.8091	44502.	54.118	26.633	382.82
#1	.00041	-.00048	.00084	.00061	.00359	-.00294
#2	.00052	-.00042	-.00085	.00137	.00525	.00639

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26934	--	--	--	--	--	--
SDev	207.8894	--	--	--	--	--	--
%RSD	.7718474	--	--	--	--	--	--
#1	26787	--	--	--	--	--	--

#2	27081	--	--	--	--	--

Method: 20076010 Sample Name: 600-49143-a-6-a Operator: SRP
Run Time: 01/30/12 14:10:33
Comment: TRACE 61E

Analysis Report 01/30/12 02:14:21 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	205.29	.00315	.14300	2.2742	.01404	.10294	.00125
SDev	.04	.00053	.00098	.0006	.00001	.00012	.00020
%RSD	.02144	16.820	.68852	.02784	.07706	.11532	16.337
#1	205.32	.00277	.14231	2.2747	.01405	.10302	.00139
#2	205.26	.00352	.14370	2.2738	.01403	.10285	.00111

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	589.02	.21895	.10443	.15344	270.91	.22767	.38769
SDev	1.35	.00038	.00074	.00004	.49	.00017	.00057
%RSD	.22908	.17233	.70780	.02798	.18212	.07443	.14606
#1	589.97	.21921	.10495	.15347	271.26	.22755	.38729
#2	588.07	.21868	.10391	.15341	270.56	.22779	.38809

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03342	33.781	7.7344	.00440	.23456	24.643	8.6500
SDev	.00402	.060	.0147	.00101	.00049	.031	.0021
%RSD	12.027	.17681	.18949	22.891	.21109	.12618	.02434
#1	-.03058	33.823	7.7448	.00512	.23491	24.621	8.6485
#2	-.03626	33.739	7.7240	.00369	.23421	24.665	8.6515

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00359	109.71	100.44	2.3928	.02667	.02640	.31862
SDev	.00047	.07	.10	.0008	.00340	.00150	.00065
%RSD	13.030	.06521	.09677	.03249	12.741	5.6640	.20502
#1	-.00326	109.66	100.51	2.3934	.02908	.02745	.31908
#2	-.00392	109.76	100.38	2.3923	.02427	.02534	.31816

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74499	.47929	.29430	.43439	-.01819	-.04104
SDev	.00114	.00005	.00138	.00154	.00652	.00277
%RSD	.15372	.01133	.47036	.35487	35.870	6.7436
#1	.74580	.47925	.29528	.43330	-.01357	-.03908
#2	.74418	.47933	.29332	.43548	-.02280	-.04299

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31704	--	--	--	--	--	--
SDev	119.5011	--	--	--	--	--	--

%RSD	.3769214	--	--	--	--	--	--
#1	31620	--	--	--	--	--	--
#2	31789	--	--	--	--	--	--

Analysis Report 01/30/12 02:14:21 PM page 15

Method: 20076010 Sample Name: 600-49143-b-8-a Operator: SRP
Run Time: 01/30/12 14:14:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	130.50	.01898	.16469	1.6621	.00737	.05329	.02213
SDev	3.25	.00246	.00573	.0402	.00015	.00174	.00034
%RSD	2.4920	12.949	3.4794	2.4172	2.0038	3.2590	1.5207
#1	132.80	.02072	.16874	1.6905	.00747	.05452	.02237
#2	128.21	.01725	.16064	1.6337	.00726	.05206	.02189

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1177.1	.16112	.08920	.24503	176.03	.10217	4.0183
SDev	23.7	.00364	.00105	.00619	3.84	.00265	.0891
%RSD	2.0143	2.2594	1.1774	2.5276	2.1806	2.5902	2.2165
#1	1193.8	.16370	.08994	.24941	178.74	.10404	4.0813
#2	1160.3	.15855	.08846	.24065	173.32	.10030	3.9553

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02217	25.456	9.4242	.00701	.32330	48.354	10.583
SDev	.00309	.589	.2113	.00106	.00558	1.182	.252
%RSD	13.951	2.3124	2.2417	15.155	1.7271	2.4436	2.3802
#1	-.02436	25.873	9.5735	.00626	.32725	49.189	10.761
#2	-.01998	25.040	9.2748	.00776	.31936	47.518	10.405

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00279	3.4211	4.4134	5.8024	.01499	.04904	.24169
SDev	.00096	.1919	.1139	.1407	.00346	.00269	.00567
%RSD	34.466	5.6088	2.5813	2.4243	23.051	5.4954	2.3468
#1	-.00347	3.2855	4.4940	5.9019	.01255	.04713	.24570
#2	-.00211	3.5568	4.3329	5.7030	.01744	.05094	.23768

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58691	.78429	3.3753	4.3399	-.00902	-.02874
SDev	.01334	.01804	.0743	.0965	.00694	.00117
%RSD	2.2722	2.2999	2.2005	2.2227	76.859	4.0753
#1	.59634	.79705	3.4278	4.4081	-.01393	-.02957
#2	.57748	.77154	3.3227	4.2716	-.00412	-.02791

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	28927	--	--	--	--	--	--

SDev	571.3423	--	--	--	--	--	--
%RSD	1.975118	--	--	--	--	--	--
#1	28523	--	--	--	--	--	--
#2	29331	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-49143-b-1-a Operator: SRP
Run Time: 01/30/12 14:18:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	171.76	.87798	.93458	2.5609	.35780	.97704	.41993
SDev	.02	.00714	.00281	.0031	.00034	.00251	.00094
%RSD	.01412	.81334	.30011	.11947	.09502	.25734	.22350
#1	171.77	.87293	.93260	2.5630	.35756	.97527	.41927
#2	171.74	.88303	.93656	2.5587	.35804	.97882	.42059

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	325.99	.88608	.80609	.98463	226.56	1.2164	1.6869
SDev	.69	.00140	.00080	.00210	.30	.0007	.0059
%RSD	.21232	.15802	.09877	.21299	.13410	.05523	.34726
#1	325.50	.88509	.80553	.98612	226.34	1.2168	1.6828
#2	326.48	.88707	.80666	.98315	226.77	1.2159	1.6910

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72684	29.086	3.4369	.80073	1.0256	35.432	10.276
SDev	.00111	.038	.0031	.00229	.0010	.008	.006
%RSD	.15301	.13001	.09083	.28538	.10046	.02394	.06247
#1	.72606	29.059	3.4347	.79912	1.0263	35.438	10.272
#2	.72763	29.112	3.4391	.80235	1.0249	35.426	10.281

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41512	150.18	128.30	2.4398	.91903	.74786	1.1726
SDev	.00055	.02	.02	.0012	.00325	.00196	.0009
%RSD	.13142	.01129	.01385	.05096	.35390	.26206	.07346
#1	.41550	150.19	128.29	2.4407	.91674	.74648	1.1719
#2	.41473	150.17	128.31	2.4390	.92133	.74925	1.1732

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2891	1.3122	1.3988	1.8309	.63074	.77490
SDev	.0011	.0024	.0010	.0083	.00310	.00322
%RSD	.08548	.17974	.07313	.45198	.49087	.41505
#1	1.2883	1.3105	1.3981	1.8251	.63293	.77262
#2	1.2899	1.3138	1.3995	1.8368	.62855	.77717

Analysis Report 01/30/12 02:22:03 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30063	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.2540250	--	--	--	--	--	--
#1	30009	--	--	--	--	--	--
#2	30117	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-49143-b-1-a@5 Operator: SRP
Run Time: 01/30/12 14:22:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.060	.00319	.02992	.39303	.00135	.02369	.00135
SDev	.112	.00215	.00157	.00103	.00001	.00034	.00003
%RSD	.28590	67.408	5.2404	.26187	.63545	1.4285	1.9357
#1	39.139	.00471	.03103	.39376	.00135	.02393	.00133
#2	38.981	.00167	.02881	.39231	.00136	.02346	.00137

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.099	.04368	.03353	.04109	53.629	.03357	.22811
SDev	.179	.00034	.00010	.00015	.132	.00004	.00204
%RSD	.21594	.77871	.29526	.36395	.24684	.12792	.89457
#1	83.226	.04392	.03360	.04120	53.722	.03360	.22955
#2	82.972	.04344	.03346	.04099	53.535	.03353	.22667

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00324	5.5071	.67241	.00166	.05976	4.5674	2.2928
SDev	.00072	.0137	.00191	.00158	.00019	.0017	.0120
%RSD	22.322	.24896	.28394	95.142	.32489	.03628	.52349
#1	-.00273	5.5168	.67376	.00278	.05962	4.5662	2.3013
#2	-.00376	5.4974	.67106	.00054	.05990	4.5685	2.2843

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	27.927	27.651	.45664	.00587	.01137	.09011
SDev	.00008	.023	.006	.00081	.00169	.00104	.00036
%RSD	15.245	.08169	.02067	.17792	28.817	9.1074	.40365
#1	-.00047	27.911	27.647	.45722	.00468	.01211	.09037
#2	-.00058	27.944	27.655	.45607	.00707	.01064	.08985

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13083	.11878	.18418	.25007	-.00238	-.00368
SDev	.00051	.00046	.00075	.00269	.00235	.00226
%RSD	.38575	.39090	.40666	1.0742	98.914	61.547

Analysis Report 01/30/12 02:25:54 PM page 18

#1	.13118	.11911	.18471	.25197	-.00404	-.00208
#2	.13047	.11846	.18365	.24817	-.00072	-.00528

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27893	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.1926652	--	--	--	--	--	--
#1	27855	--	--	--	--	--	--
#2	27931	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 01/30/12 14:25:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19915	.01342	.01200	.01136	.00239	.01210	.00532
SDev	.00823	.00102	.00087	.00023	.00008	.00101	.00016
%RSD	4.1317	7.5606	7.2811	2.0092	3.2158	8.3628	3.0424
#1	.20496	.01270	.01261	.01152	.00244	.01282	.00544
#2	.19333	.01414	.01138	.01120	.00234	.01139	.00521

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07701	.00894	.00834	.00509	.11886	.00941	.00953
SDev	.00720	.00034	.00040	.00033	.00736	.00026	.00065
%RSD	9.3545	3.8536	4.7717	6.4193	6.1881	2.7737	6.8494
#1	.08210	.00918	.00862	.00532	.12406	.00959	.00999
#2	.07191	.00869	.00805	.00486	.11366	.00922	.00907

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00766	.09138	.00928	.00909	.01078	.54366	-.00033
SDev	.00178	.01134	.00031	.00075	.00062	.05874	.00422
%RSD	23.249	12.410	3.3004	8.2320	5.7513	10.806	1290.4
#1	.00892	.09940	.00950	.00856	.01122	.58520	.00266
#2	.00640	.08336	.00907	.00962	.01034	.50212	-.00331

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00478	.60892	.57460	.00546	.01269	.00914	.01009
SDev	.00028	.11575	.01385	.00013	.00189	.00091	.00023
%RSD	5.9504	19.010	2.4108	2.3182	14.881	9.9334	2.2599
#1	.00498	.69077	.58440	.00555	.01402	.00978	.01025
#2	.00458	.52707	.56481	.00537	.01135	.00850	.00993

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00993	.01008	.00447	.01206	.00452	.00923
SDev	.00061	.00027	.00300	.00052	.00417	.00058
%RSD	6.1792	2.6875	67.075	4.3219	92.321	6.3267
#1	.01037	.01028	.00660	.01169	.00747	.00964
#2	.00950	.00989	.00235	.01243	.00157	.00881

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27140	--	--	--	--	--	--
SDev	367.6955	--	--	--	--	--	--
%RSD	1.354810	--	--	--	--	--	--
#1	26880	--	--	--	--	--	--
#2	27400	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 01/30/12 14:29:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	426.81	.00468	-.00111	.00175	-.00220	.00016	-.00238
SDev	1.35	.00241	.00034	.00002	.00004	.00042	.00031
%RSD	.31561	51.589	30.965	1.1380	1.9724	269.77	12.842
#1	425.86	.00297	-.00087	.00173	-.00217	.00045	-.00216
#2	427.77	.00639	-.00135	.00176	-.00223	-.00014	-.00259

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	402.09	.00043	-.00040	.00729	178.43	.00453	.00498
SDev	.19	.00002	.00005	.00007	.20	.00000	.00045
%RSD	.04734	5.0368	11.313	1.0093	.11373	.00381	9.0979
#1	401.95	.00044	-.00037	.00735	178.28	.00453	.00530
#2	402.22	.00041	-.00043	.00724	178.57	.00453	.00466

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02289	420.80	-.00594	-.00078	.00048	-.04685	-.00863
SDev	.00051	.67	.00002	.00052	.00094	.00494	.00025
%RSD	2.2470	.15812	.39733	66.447	197.57	10.547	2.9413
#1	-.02253	420.33	-.00595	-.00041	-.00019	-.04335	-.00845
#2	-.02325	421.27	-.00592	-.00114	.00114	-.05034	-.00881

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00099	.04345	.15715	-.00775	.02831	-.00132	-.00232
SDev	.00047	.02741	.00139	.00001	.00009	.00195	.00018
%RSD	47.803	63.088	.88756	.18897	.32344	147.82	7.5438

#1	-.00065	.06284	.15813	-.00774	.02837	.00006	-.00220
#2	-.00132	.02407	.15616	-.00776	.02824	-.00269	-.00245

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00527	-.00240	-.06761	.04128	-.00130	-.03368
SDev	.00017	.00045	.00346	.00105	.00295	.00225
%RSD	3.1627	18.881	5.1167	2.5437	226.56	6.6677
#1	.00538	-.00272	-.06516	.04053	-.00339	-.03210
#2	.00515	-.00208	-.07005	.04202	.00078	-.03527

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24560	--	--	--	--	--	--
SDev	86.26703	--	--	--	--	--	--
%RSD	.3512501	--	--	--	--	--	--
#1	24621	--	--	--	--	--	--
#2	24499	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 01/30/12 14:33:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	445.50	1.0425	.96122	1.0975	.38905	1.0590	.47606
SDev	4.25	.0098	.01617	.0085	.00346	.0115	.00537
%RSD	.95310	.94011	1.6823	.77218	.88877	1.0864	1.1275
#1	442.49	1.0355	.94979	1.0915	.38660	1.0509	.47227
#2	448.50	1.0494	.97266	1.1035	.39149	1.0671	.47986

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	422.62	.79726	.73846	.92880	193.57	1.2860	.89417
SDev	4.45	.00760	.00666	.00633	1.97	.0104	.00795
%RSD	1.0518	.95393	.90237	.68155	1.0174	.80803	.88919
#1	419.48	.79188	.73375	.92432	192.18	1.2787	.88855
#2	425.76	.80263	.74317	.93327	194.96	1.2934	.89979

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86624	441.33	.84501	.91556	.89256	15.457	.85638
SDev	.01841	4.41	.00799	.00611	.00566	.151	.00588
%RSD	2.1256	.99841	.94530	.66778	.63452	.97564	.68652
#1	.85322	438.21	.83936	.91123	.88855	15.350	.85222
#2	.87926	444.44	.85065	.91988	.89656	15.564	.86053

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.50033	11.829	14.253	.53843	1.0803	.79876	.93494
SDev	.00411	.170	.122	.00437	.0041	.00669	.00845
%RSD	.82242	1.4410	.85402	.81232	.37927	.83773	.90353

#1	.49742	11.709	14.167	.53533	1.0774	.79403	.92897
#2	.50324	11.950	14.339	.54152	1.0832	.80349	.94091

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85384	.99299	.68635	.99808	.76607	.91633
SDev	.00810	.01040	.00280	.01332	.01207	.03365
%RSD	.94869	1.0473	.40716	1.3349	1.5757	3.6728
#1	.84811	.98563	.68832	.98866	.77461	.89253
#2	.85956	1.0003	.68437	1.0075	.75754	.94013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	24141	--	--	--	--	--	--
SDev	151.3209	--	--	--	--	--	--
%RSD	.6268210	--	--	--	--	--	--
#1	24248	--	--	--	--	--	--
#2	24034	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0112ccv_00002 Operator: SRP
Run Time: 01/30/12 14:37:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4427	.51106	.47241	.53957	.40884	.51188	.51485
SDev	.0375	.00017	.00404	.00084	.00138	.00066	.00208
%RSD	1.5363	.03393	.85539	.15508	.33724	.12850	.40391
#1	2.4162	.51093	.47526	.53898	.40981	.51142	.51632
#2	2.4692	.51118	.46955	.54016	.40786	.51235	.51338

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.822	.41949	.40282	.43565	2.5935	.49247	.46682
SDev	.003	.00160	.00170	.00040	.0015	.00148	.00113
%RSD	.02545	.38168	.42255	.09257	.05620	.30079	.24210
#1	11.820	.42063	.40403	.43537	2.5945	.49142	.46762
#2	11.824	.41836	.40162	.43594	2.5925	.49351	.46602

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44886	4.5003	.44296	.47256	.49155	12.940	.84076
SDev	.00078	.0217	.00143	.00143	.00313	.042	.00055
%RSD	.17430	.48230	.32280	.30319	.63657	.32817	.06508
#1	.44941	4.4849	.44397	.47357	.49376	12.910	.84114

#2	.44831	4.5156	.44195	.47155	.48933	12.970	.84037

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23579	12.311	12.529	.27210	.54914	.41309	.48404
SDev	.00016	.105	.051	.00036	.00703	.00145	.00086

%RSD	.06716	.85641	.40931	.13176	1.2800	.35118	.17719
#1	.23590	12.236	12.493	.27185	.54417	.41411	.48464
#2	.23568	12.385	12.565	.27236	.55411	.41206	.48343

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44230	.51000	.38698	.50674	.38350	.48154
SDev	.00058	.00129	.00170	.00084	.00295	.00030
%RSD	.13072	.25245	.44026	.16643	.76785	.06205
#1	.44271	.51091	.38819	.50733	.38558	.48133
#2	.44189	.50909	.38578	.50614	.38142	.48175

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	26320	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.1289557	--	--	--	--	--	--
#1	26296	--	--	--	--	--	--
#2	26344	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 01/30/12 14:41:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15103	.00224	.00045	.00052	-.00156	.00252	.00017
SDev	.00379	.00133	.00030	.00011	.00005	.00083	.00001
%RSD	2.5073	59.422	66.008	20.433	3.2229	32.981	3.0465
#1	.14835	.00318	.00067	.00060	-.00153	.00311	.00016
#2	.15371	.00130	.00024	.00045	-.00160	.00193	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03076	.00010	-.00014	-.00429	.01466	.00035	.00049
SDev	.00288	.00011	.00007	.00015	.01104	.00007	.00005
%RSD	9.3500	107.38	52.422	3.4219	75.286	19.588	10.800
#1	.02872	.00018	-.00019	-.00419	.02247	.00040	.00045
#2	.03279	.00002	-.00009	-.00440	.00686	.00030	.00053

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.04340	.00013	.00034	.00017	-.08657	-.02478

SDev	.00144	.00300	.00010	.00109	.00017	.02948	.00144
%RSD	346.28	6.9084	74.239	324.95	102.51	34.059	5.8176
#1	.00143	.04552	.00021	.00110	.00029	-.06572	-.02377
#2	-.00060	.04128	.00006	-.00043	.00005	-.10742	-.02580

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00027	-.03072	.01599	.00016	.00161	-.00045	.00036
SDev	.00022	.00884	.00357	.00005	.00185	.00058	.00018
%RSD	82.903	28.766	22.298	29.784	114.46	129.89	50.516
#1	-.00011	-.02447	.01851	.00020	.00292	-.00004	.00049
#2	-.00043	-.03697	.01347	.00013	.00031	-.00086	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	-.00015	-.00062	.00105	.00293	-.00084
SDev	.00033	.00027	.00110	.00047	.00197	.00117
%RSD	64.383	183.57	176.53	44.840	67.142	138.31
#1	.00075	.00004	-.00140	.00138	.00432	-.00002
#2	.00028	-.00034	.00015	.00072	.00154	-.00167

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	27438	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0283487	--	--	--	--	--	--
#1	27432	--	--	--	--	--	--
#2	27443	--	--	--	--	--	--

Metals Worksheet

Batch Number: 600-70887
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 1:58P
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0112S1_00015	MER0112S2_00015
S0						
S0.2						
S0.5						
S1.0						
S2.0						
S5.0						
S10.0						
ICV~600-70887/8		7470A		50 mL		1.5 mL
ICB~600-70887/9		7470A				
CRA~600-70887/10		7470A		50 mL	.1 mL	
CCV~600-70887/11		7470A		50 mL		1.5 mL
CCB~600-70887/12		7470A				
MB~600-70863/7-A		7470A				
LCS~600-70863/8-A		7470A				
600-49248-G-1-B		7470A	T			
600-49248-G-1-C~DU		7470A	T			
600-49248-G-1-D~MS		7470A	T			
600-49248-G-1-E~MSD		7470A	T			
600-49299-D-1-E		245.1	T			
600-49299-D-2-B		245.1	T			
600-49299-C-3-B		245.1	T			
600-49305-A-1-B		245.1	T			
CCV~600-70887/23		7470A		50 mL		1.5 mL
CCB~600-70887/24		7470A				
600-49305-A-2-B		245.1	T			

Metals Worksheet

Batch Number: 600-70887
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 1:58P
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0112S1_00015	MER0112S2_00015
600-49311-A-3-B		245.1	T			
600-49311-A-6-B		245.1	T			
LB~600-70273/1-E		7470A				
600-48823-A-1-F		7470A	P			
600-48823-A-1-G~MS		7470A	P			
600-48823-A-1-H~MSD		7470A	P			
600-48823-B-2-E		7470A	P			
600-48823-B-2-F~MS		7470A	P			
LB~600-70563/1-F		7470A				
CCV~600-70887/35		245.1		50 mL		1.5 mL
CCB~600-70887/36		245.1				
600-49076-C-6-K		7470A	P			
600-49055-A-1-G		7470A	P			
600-49055-A-1-H~MS		7470A	P			
600-49140-A-1-E		7470A	P			
600-49140-A-1-F~MS		7470A	P			
LB~600-70806/1-C		7470A				
600-49145-A-4-E		7470A	P			
600-49143-B-9-C		7470A	P			
600-49245-C-1-C		7470A	P			
600-49265-A-1-D		7470A	P			
CCV~600-70887/47		7470A		50 mL		1.5 mL
CCB~600-70887/48		7470A				
600-49265-A-1-E~MS		7470A	P			
600-49143-A-8-C		7470A	P			

Metals Worksheet

Batch Number: 600-70887
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 1:58P
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0112S1_00015	MER0112S2_00015
600-49263-B-1-C		7470A	P			
LB~600-70807/1-C		7470A				
600-49279-A-1-C		7470A	P			
600-49279-A-1-D~MS		7470A	P			
600-49279-A-1-E~MSD		7470A	P			
600-49248-G-1-B~SD~^5		7470A	T			
600-48823-A-1-F~SD~^5		7470A	P			
CCV~600-70887/58		7470A		50 mL		1.5 mL
CCB~600-70887/59		7470A				
600-49140-A-1-E~PDS		7470A	P	10 mL		.3 mL
CCV~600-70887/61		7470A		50 mL		1.5 mL
CCB~600-70887/62		7470A				

Analysis Begun

DL 01-25-12

Logged In Analyst: houston_wetchem_inst Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 70863
Results Data Set: FW012512
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Method Loaded
Method Name: Mercury Soil & Water Method Last Saved: 9/1/2011 15:23:28
Method Description: Mercury Analysis

Sequence No.: 1 Autosampler Location: 2
Sample ID: S0 Date Collected: 1/25/2012 13:58:30
Analyst: Data Type: Original

Replicate Data: S0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0005	0.0029	0.0005	13:59:35	Yes
2		[0.00]	0.0005	0.0035	0.0005	14:00:17	Yes
Mean:		[0.00]	0.0005				
SD:		0.00	0.0000				
%RSD:		0.00	0.41				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 3
Sample ID: S0.2 Date Collected: 1/25/2012 14:00:19
Analyst: Data Type: Original

Replicate Data: S0.2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0025	0.0164	0.0030	14:01:24	Yes
2		[0.2]	0.0024	0.0151	0.0029	14:02:06	Yes
Mean:		[0.2]	0.0025				
SD:		0.0	0.0001				
%RSD:		0.0	3.50				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.01226 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 4
Sample ID: S0.5 Date Collected: 1/25/2012 14:02:08
Analyst: Data Type: Original

Replicate Data: S0.5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0063	0.0360	0.0068	14:03:13	Yes
2		[0.5]	0.0062	0.0358	0.0067	14:03:55	Yes
Mean:		[0.5]	0.0063				
SD:		0.0	0.0001				
%RSD:		0.0	1.24				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.999952 Slope: 0.01255 Intercept: -0.00002

Sequence No.: 4 Autosampler Location: 5
Sample ID: S1.0 Date Collected: 1/25/2012 14:03:57
Analyst: Data Type: Original

Replicate Data: S1.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.0]	0.0128	0.0712	0.0134	14:05:02	Yes
2		[1.0]	0.0128	0.0699	0.0133	14:05:45	Yes
Mean:		[1.0]	0.0128				
SD:		0.0	0.0000				
%RSD:		0.0	0.34				

Standard number 3 applied. [1.0]
Correlation Coef.: 0.999916 Slope: 0.01284 Intercept: -0.00007

Sequence No.: 5 Autosampler Location: 6
Sample ID: S2.0 Date Collected: 1/25/2012 14:05:47
Analyst: Data Type: Original

Replicate Data: S2.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.0]	0.0265	0.1424	0.0270	14:06:54	Yes
2		[2.0]	0.0262	0.1411	0.0267	14:07:36	Yes
Mean:		[2.0]	0.0263				
SD:		0.0	0.0002				
%RSD:		0.0	0.70				

Standard number 4 applied. [2.0]
Correlation Coef.: 0.999875 Slope: 0.01320 Intercept: -0.00019

Sequence No.: 6 Autosampler Location: 7
Sample ID: S5.0 Date Collected: 1/25/2012 14:07:37
Analyst: Data Type: Original

Replicate Data: S5.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.0]	0.0650	0.3463	0.0655	14:08:43	Yes
2		[5.0]	0.0643	0.3428	0.0648	14:09:24	Yes
Mean:		[5.0]	0.0646				
SD:		0.0	0.0005				
%RSD:		0.0	0.84				

Standard number 5 applied. [5.0]
Correlation Coef.: 0.999954 Slope: 0.01297 Intercept: -0.00005

Sequence No.: 7 Autosampler Location: 8
Sample ID: S10.0 Date Collected: 1/25/2012 14:10:11
Analyst: Data Type: Original

Replicate Data: S10.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10.0]	0.1272	0.6791	0.1277	14:11:17	Yes
2		[10.0]	0.1262	0.6737	0.1267	14:11:58	Yes
Mean:		[10.0]	0.1267				
SD:		0.0	0.0007				
%RSD:		0.0	0.55				

Standard number 6 applied. [10.0]
Correlation Coef.: 0.999926 Slope: 0.01270 Intercept: 0.00025

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
S0	0.0000	0	-0.020	0.00	0.4
S0.2	0.0025	0.2	0.174	0.00	3.5
S0.5	0.0063	0.5	0.474	0.00	1.2
S1.0	0.0128	1.0	0.990	0.00	0.3

S2.0	0.0263	2.0	2.055	0.00	0.7
S5.0	0.0646	5.0	5.072	0.00	0.8
S10.0	0.1267	10.0	9.956	0.00	0.6

Correlation Coef.: 0.999926 Slope: 0.01270 Intercept: 0.00025

Sequence No.: 8 **Autosampler Location: 1**
Sample ID: ICV **Date Collected: 1/25/2012 14:12:47**
Analyst: **Data Type: Original**

Replicate Data: ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.087	3.087	0.0394	0.2117	0.0400	14:13:52	Yes
2	3.074	3.074	0.0393	0.2107	0.0398	14:14:33	Yes
Mean:	3.080	3.080	0.0394				
SD:	0.009	0.009	0.0001				
%RSD:	0.293	0.293	0.29				

QC value within limits for Hg 253.7 Recovery = 102.68%
All analyte(s) passed QC.

Sequence No.: 9 **Autosampler Location: 2**
Sample ID: ICB **Date Collected: 1/25/2012 14:15:20**
Analyst: **Data Type: Original**

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0021	0.0004	14:16:26	Yes
2	-0.051	-0.051	-0.0004	-0.0023	0.0001	14:17:08	Yes
Mean:	-0.039	-0.039	-0.0002				
SD:	0.016	0.016	0.0002				
%RSD:	41.71	41.71	83.52				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 10 **Autosampler Location: 3**
Sample ID: CRA **Date Collected: 1/25/2012 14:17:09**
Analyst: **Data Type: Original**

Replicate Data: CRA

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.173	0.173	0.0024	0.0158	0.0030	14:18:15	Yes
2	0.170	0.170	0.0024	0.0153	0.0029	14:18:57	Yes
Mean:	0.171	0.171	0.0024				
SD:	0.002	0.002	0.0000				
%RSD:	1.215	1.215	1.09				

QC value within limits for Hg 253.7 Recovery = 85.54%
All analyte(s) passed QC.

Sequence No.: 11 **Autosampler Location: 1**
Sample ID: CCV **Date Collected: 1/25/2012 14:18:58**
Analyst: **Data Type: Original**

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.096	3.096	0.0396	0.2121	0.0401	14:20:04	Yes
2	3.074	3.074	0.0393	0.2104	0.0398	14:20:45	Yes
Mean:	3.085	3.085	0.0394				
SD:	0.016	0.016	0.0002				
%RSD:	0.506	0.506	0.50				

QC value within limits for Hg 253.7 Recovery = 102.84%
All analyte(s) passed QC.

Sequence No.: 12 Autosampler Location: 2
Sample ID: CCB Date Collected: 1/25/2012 14:21:33
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0021	0.0004	14:22:39	Yes
2	-0.030	-0.030	-0.0001	0.0019	0.0004	14:23:21	Yes
Mean:	-0.029	-0.029	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	4.591	4.591	13.68				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 13 Autosampler Location: 9
Sample ID: MB 600-70863/7-A Date Collected: 1/25/2012 14:23:22
Analyst: DCL Data Type: Original

Replicate Data: MB 600-70863/7-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	-0.0001	0.0018	0.0004	14:24:28	Yes
2	-0.031	-0.031	-0.0001	0.0018	0.0004	14:25:10	Yes
Mean:	-0.030	-0.030	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.183	3.183	9.02				

Sequence No.: 14 Autosampler Location: 10
Sample ID: LCS 600-70863/8-A Date Collected: 1/25/2012 14:25:11
Analyst: DCL Data Type: Original

Replicate Data: LCS 600-70863/8-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.984	2.984	0.0381	0.2066	0.0386	14:26:16	Yes
2	2.955	2.955	0.0378	0.2046	0.0383	14:26:58	Yes
Mean:	2.969	2.969	0.0380				
SD:	0.020	0.020	0.0003				
%RSD:	0.679	0.679	0.67				

Sequence No.: 15 Autosampler Location: 11
Sample ID: 600-49248-G-1-B Date Collected: 1/25/2012 14:27:00
Analyst: DCL Data Type: Original

Replicate Data: 600-49248-G-1-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0021	0.0004	14:28:05	Yes
2	-0.032	-0.032	-0.0002	0.0015	0.0004	14:28:47	Yes
Mean:	-0.030	-0.030	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	8.209	8.209	23.92				

Sequence No.: 16 Autosampler Location: 12
Sample ID: 600-49248-G-1-C DU Date Collected: 1/25/2012 14:28:48
Analyst: DCL Data Type: Original

Replicate Data: 600-49248-G-1-C DU

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	-0.032	-0.032	-0.0002	0.0017	0.0003	14:29:54	Yes
2	-0.035	-0.035	-0.0002	0.0016	0.0003	14:30:36	Yes
Mean:	-0.034	-0.034	-0.0002				
SD:	0.002	0.002	0.0000				
%RSD:	5.647	5.647	13.44				

Sequence No.: 17 **Autosampler Location: 13**
Sample ID: 600-49248-G-1-D MS **Date Collected: 1/25/2012 14:30:38**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49248-G-1-D MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.635	2.635	0.0337	0.1858	0.0342	14:31:43	Yes
2	2.650	2.650	0.0339	0.1874	0.0344	14:32:25	Yes
Mean:	2.643	2.643	0.0338				
SD:	0.010	0.010	0.0001				
%RSD:	0.386	0.386	0.38				

Sequence No.: 18 **Autosampler Location: 14**
Sample ID: 600-49248-G-1-E MSD **Date Collected: 1/25/2012 14:32:26**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49248-G-1-E MSD

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.648	2.648	0.0339	0.1869	0.0344	14:33:33	Yes
2	2.649	2.649	0.0339	0.1862	0.0344	14:34:15	Yes
Mean:	2.648	2.648	0.0339				
SD:	0.000	0.000	0.0000				
%RSD:	0.017	0.017	0.02				

Sequence No.: 19 **Autosampler Location: 15**
Sample ID: 600-49299-D-1-E **Date Collected: 1/25/2012 14:34:17**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49299-D-1-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.016	-0.016	0.0000	0.0031	0.0006	14:35:22	Yes
2	-0.018	-0.018	0.0000	0.0031	0.0005	14:36:04	Yes
Mean:	-0.017	-0.017	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	8.722	8.722	57.57				

Sequence No.: 20 **Autosampler Location: 16**
Sample ID: 600-49299-D-2-B **Date Collected: 1/25/2012 14:36:06**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49299-D-2-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	0.0000	0.0029	0.0005	14:37:11	Yes
2	-0.019	-0.019	0.0000	0.0027	0.0005	14:37:52	Yes
Mean:	-0.018	-0.018	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	5.632	5.632	62.45				

Sequence No.: 21 **Autosampler Location: 17**
Sample ID: 600-49299-C-3-B **Date Collected: 1/25/2012 14:37:54**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49299-C-3-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0022	0.0005	14:38:59	Yes
2	-0.026	-0.026	-0.0001	0.0021	0.0004	14:39:42	Yes
Mean:	-0.025	-0.025	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	6.132	6.132	29.38				

Sequence No.: 22 Autosampler Location: 18
Sample ID: 600-49305-A-1-B Date Collected: 1/25/2012 14:39:44
Analyst: DCL Data Type: Original

Replicate Data: 600-49305-A-1-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	-0.0001	0.0020	0.0004	14:40:49	Yes
2	-0.022	-0.022	-0.0000	0.0023	0.0005	14:41:31	Yes
Mean:	-0.023	-0.023	-0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	6.505	6.505	39.38				

Sequence No.: 23 Autosampler Location: 1
Sample ID: CCV Date Collected: 1/25/2012 14:41:32
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.045	3.045	0.0389	0.2085	0.0394	14:42:38	Yes
2	3.038	3.038	0.0388	0.2074	0.0393	14:43:20	Yes
Mean:	3.042	3.042	0.0389				
SD:	0.005	0.005	0.0001				
%RSD:	0.172	0.172	0.17				

QC value within limits for Hg 253.7 Recovery = 101.39%
All analyte(s) passed QC.

Sequence No.: 24 Autosampler Location: 2
Sample ID: CCB Date Collected: 1/25/2012 14:44:07
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.029	-0.029	-0.0001	0.0018	0.0004	14:45:13	Yes
2	-0.030	-0.030	-0.0001	0.0011	0.0004	14:45:54	Yes
Mean:	-0.029	-0.029	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.566	0.566	1.69				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 25 Autosampler Location: 19
Sample ID: 600-49305-A-2-B Date Collected: 1/25/2012 14:45:56
Analyst: DCL Data Type: Original

Replicate Data: 600-49305-A-2-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	-0.0001	0.0016	0.0004	14:47:01	Yes
2	-0.026	-0.026	-0.0001	0.0022	0.0004	14:47:43	Yes
Mean:	-0.028	-0.028	-0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	9.367	9.367	30.41				

Sequence No.: 26 Autosampler Location: 20
Sample ID: 600-49311-A-3-B Date Collected: 1/25/2012 14:47:46
Analyst: DCL Data Type: Original

Replicate Data: 600-49311-A-3-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.016	0.016	0.0004	0.0050	0.0010	14:48:51	Yes
2	0.018	0.018	0.0005	0.0052	0.0010	14:49:32	Yes
Mean:	0.017	0.017	0.0005				
SD:	0.001	0.001	0.0000				
%RSD:	8.286	8.286	3.83				

Sequence No.: 27 Autosampler Location: 21
Sample ID: 600-49311-A-6-B Date Collected: 1/25/2012 14:49:34
Analyst: DCL Data Type: Original

Replicate Data: 600-49311-A-6-B

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.072	0.072	0.0012	0.0095	0.0017	14:50:39	Yes
2	0.073	0.073	0.0012	0.0097	0.0017	14:51:20	Yes
Mean:	0.072	0.072	0.0012				
SD:	0.001	0.001	0.0000				
%RSD:	1.153	1.153	0.91				

Sequence No.: 28 Autosampler Location: 22
Sample ID: LB 600-70273/1-E Date Collected: 1/25/2012 14:51:22
Analyst: DCL Data Type: Original

Replicate Data: LB 600-70273/1-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.014	-0.014	0.0001	0.0037	0.0006	14:52:27	Yes
2	-0.016	-0.016	0.0000	0.0029	0.0006	14:53:09	Yes
Mean:	-0.015	-0.015	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	11.51	11.51	38.98				

Sequence No.: 29 Autosampler Location: 23
Sample ID: 600-48823-A-1-F Date Collected: 1/25/2012 14:53:11
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-A-1-F

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	-0.0001	0.0030	0.0004	14:54:16	Yes
2	-0.022	-0.022	-0.0000	0.0031	0.0005	14:54:58	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	8.696	8.696	47.46				

Sequence No.: 30 Autosampler Location: 24
Sample ID: 600-48823-A-1-G MS Date Collected: 1/25/2012 14:55:00
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-A-1-G MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.931	2.931	0.0375	0.2043	0.0380	14:56:05	Yes
2	2.917	2.917	0.0373	0.2035	0.0378	14:56:46	Yes

Mean:	2.924	2.924	0.0374
SD:	0.010	0.010	0.0001
%RSD:	0.331	0.331	0.33

Sequence No.: 31 Autosampler Location: 25
Sample ID: 600-48823-A-1-H MSD Date Collected: 1/25/2012 14:56:49
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-A-1-H MSD

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.939	2.939	0.0376	0.2050	0.0381	14:57:54	Yes
2	2.914	2.914	0.0372	0.2031	0.0378	14:58:36	Yes
Mean:	2.926	2.926	0.0374				
SD:	0.018	0.018	0.0002				
%RSD:	0.600	0.600	0.60				

Sequence No.: 32 Autosampler Location: 26
Sample ID: 600-48823-B-2-E Date Collected: 1/25/2012 14:58:37
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-B-2-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.034	-0.034	-0.0002	0.0017	0.0003	14:59:44	Yes
2	-0.028	-0.028	-0.0001	0.0024	0.0004	15:00:26	Yes
Mean:	-0.031	-0.031	-0.0001				
SD:	0.004	0.004	0.0001				
%RSD:	13.80	13.80	38.23				

Sequence No.: 33 Autosampler Location: 27
Sample ID: 600-48823-B-2-F MS Date Collected: 1/25/2012 15:00:28
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-B-2-F MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.753	2.753	0.0352	0.1924	0.0357	15:01:33	Yes
2	2.753	2.753	0.0352	0.1919	0.0357	15:02:15	Yes
Mean:	2.753	2.753	0.0352				
SD:	0.000	0.000	0.0000				
%RSD:	0.007	0.007	0.01				

Sequence No.: 34 Autosampler Location: 28
Sample ID: LB 600-70563/1-F Date Collected: 1/25/2012 15:02:17
Analyst: DCL Data Type: Original

Replicate Data: LB 600-70563/1-F

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0027	0.0005	15:03:22	Yes
2	-0.020	-0.020	-0.0000	0.0036	0.0005	15:04:04	Yes
Mean:	-0.022	-0.022	-0.0000				
SD:	0.003	0.003	0.0000				
%RSD:	12.63	12.63	105.69				

Sequence No.: 35 Autosampler Location: 1
Sample ID: CCV Date Collected: 1/25/2012 15:04:06
Analyst: Data Type: Original

Replicate Data: CCV

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	ug/L	ug/L	Signal	Area	Height		Stored
1	3.030	3.030	0.0387	0.2090	0.0392	15:05:11	Yes
2	2.995	2.995	0.0383	0.2060	0.0388	15:05:54	Yes
Mean:	3.013	3.013	0.0385				
SD:	0.025	0.025	0.0003				
%RSD:	0.841	0.841	0.84				

QC value within limits for Hg 253.7 Recovery = 100.42%
All analyte(s) passed QC.

Sequence No.: 36 **Autosampler Location: 2**
Sample ID: CCB **Date Collected: 1/25/2012 15:06:40**
Analyst: **Data Type: Original**

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	-0.0001	0.0028	0.0004	15:07:46	Yes
2	-0.023	-0.023	-0.0000	0.0031	0.0005	15:08:28	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	7.198	7.198	36.88				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 37 **Autosampler Location: 29**
Sample ID: 600-49076-C-6-K **Date Collected: 1/25/2012 15:08:29**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49076-C-6-K

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.014	0.014	0.0004	0.0051	0.0009	15:09:35	Yes
2	0.013	0.013	0.0004	0.0049	0.0009	15:10:17	Yes
Mean:	0.014	0.014	0.0004				
SD:	0.001	0.001	0.0000				
%RSD:	6.917	6.917	2.86				

Sequence No.: 38 **Autosampler Location: 30**
Sample ID: 600-49055-A-1-G **Date Collected: 1/25/2012 15:10:19**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49055-A-1-G

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.021	-0.021	-0.0000	0.0025	0.0005	15:11:24	Yes
2	-0.022	-0.022	-0.0000	0.0028	0.0005	15:12:06	Yes
Mean:	-0.021	-0.021	-0.0000				
SD:	0.000	0.000	0.0000				
%RSD:	1.828	1.828	22.27				

Sequence No.: 39 **Autosampler Location: 31**
Sample ID: 600-49055-A-1-H MS **Date Collected: 1/25/2012 15:12:07**
Analyst: DCL **Data Type: Original**

Replicate Data: 600-49055-A-1-H MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.154	3.154	0.0403	0.2125	0.0408	15:13:13	Yes
2	3.141	3.141	0.0401	0.2112	0.0406	15:13:55	Yes
Mean:	3.148	3.148	0.0402				
SD:	0.009	0.009	0.0001				
%RSD:	0.296	0.296	0.29				

Sequence No.: 40
Sample ID: 600-49140-A-1-E
Analyst: DCL
Autosampler Location: 32
Date Collected: 1/25/2012 15:14:42
Data Type: Original

Replicate Data: 600-49140-A-1-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0022	0.0004	15:15:49	Yes
2	-0.031	-0.031	-0.0001	0.0018	0.0004	15:16:30	Yes
Mean:	-0.029	-0.029	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	6.204	6.204	18.55				

Sequence No.: 41
Sample ID: 600-49140-A-1-F MS
Analyst: DCL
Autosampler Location: 33
Date Collected: 1/25/2012 15:16:32
Data Type: Original

Replicate Data: 600-49140-A-1-F MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.051	2.051	0.0263	0.1533	0.0268	15:17:37	Yes
2	2.057	2.057	0.0264	0.1546	0.0269	15:18:18	Yes
Mean:	2.054	2.054	0.0263				
SD:	0.004	0.004	0.0001				
%RSD:	0.206	0.206	0.20				

Sequence No.: 42
Sample ID: LB 600-70806/1-C
Analyst: DCL
Autosampler Location: 34
Date Collected: 1/25/2012 15:18:20
Data Type: Original

Replicate Data: LB 600-70806/1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	-0.0001	0.0025	0.0004	15:19:25	Yes
2	-0.024	-0.024	-0.0001	0.0025	0.0005	15:20:07	Yes
Mean:	-0.025	-0.025	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	6.248	6.248	30.46				

Sequence No.: 43
Sample ID: 600-49145-A-4-E
Analyst: DCL
Autosampler Location: 35
Date Collected: 1/25/2012 15:20:09
Data Type: Original

Replicate Data: 600-49145-A-4-E

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0025	0.0005	15:21:14	Yes
2	-0.030	-0.030	-0.0001	0.0019	0.0004	15:21:56	Yes
Mean:	-0.027	-0.027	-0.0001				
SD:	0.004	0.004	0.0001				
%RSD:	14.88	14.88	54.21				

Sequence No.: 44
Sample ID: 600-49143-B-9-C
Analyst: DCL
Autosampler Location: 36
Date Collected: 1/25/2012 15:21:57
Data Type: Original

Replicate Data: 600-49143-B-9-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.023	0.023	0.0005	0.0053	0.0010	15:23:03	Yes
2	0.021	0.021	0.0005	0.0050	0.0010	15:23:44	Yes
Mean:	0.022	0.022	0.0005				
SD:	0.001	0.001	0.0000				

%RSD: 6.103 6.103 3.21

==========

Sequence No.: 45 Autosampler Location: 37
Sample ID: 600-49245-C-1-C Date Collected: 1/25/2012 15:23:46
Analyst: DCL Data Type: Original

Replicate Data: 600-49245-C-1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	-0.0001	0.0025	0.0004	15:24:52	Yes
2	-0.025	-0.025	-0.0001	0.0024	0.0004	15:25:34	Yes
Mean:	-0.025	-0.025	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.544	0.544	2.55				

==========

Sequence No.: 46 Autosampler Location: 38
Sample ID: 600-49265-A-1-D Date Collected: 1/25/2012 15:25:35
Analyst: DCL Data Type: Original

Replicate Data: 600-49265-A-1-D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.031	-0.031	-0.0001	0.0019	0.0004	15:26:42	Yes
2	-0.028	-0.028	-0.0001	0.0023	0.0004	15:27:24	Yes
Mean:	-0.029	-0.029	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	7.121	7.121	21.23				

==========

Sequence No.: 47 Autosampler Location: 1
Sample ID: CCV Date Collected: 1/25/2012 15:27:26
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.997	2.997	0.0383	0.2043	0.0388	15:28:32	Yes
2	2.996	2.996	0.0383	0.2046	0.0388	15:29:14	Yes
Mean:	2.997	2.997	0.0383				
SD:	0.000	0.000	0.0000				
%RSD:	0.007	0.007	0.01				

QC value within limits for Hg 253.7 Recovery = 99.89%
All analyte(s) passed QC.

==========

Sequence No.: 48 Autosampler Location: 2
Sample ID: CCB Date Collected: 1/25/2012 15:29:16
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	-0.0001	0.0020	0.0004	15:30:21	Yes
2	-0.028	-0.028	-0.0001	0.0020	0.0004	15:31:03	Yes
Mean:	-0.028	-0.028	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.073	0.073	0.24				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 49 Autosampler Location: 39
Sample ID: 600-49265-A-1-E MS Date Collected: 1/25/2012 15:31:04
Analyst: DCL Data Type: Original

Replicate Data: 600-49265-A-1-E MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.992	2.992	0.0382	0.2057	0.0388	15:32:11	Yes
2	2.983	2.983	0.0381	0.2049	0.0386	15:32:53	Yes
Mean:	2.987	2.987	0.0382				
SD:	0.007	0.007	0.0001				
%RSD:	0.223	0.223	0.22				

Sequence No.: 50 Autosampler Location: 40
Sample ID: 600-49143-A-8-C Date Collected: 1/25/2012 15:32:55
Analyst: DCL Data Type: Original

Replicate Data: 600-49143-A-8-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.016	-0.016	0.0000	0.0028	0.0006	15:34:00	Yes
2	-0.019	-0.019	0.0000	0.0023	0.0005	15:34:42	Yes
Mean:	-0.018	-0.018	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	13.63	13.63	128.22				

Sequence No.: 51 Autosampler Location: 41
Sample ID: 600-49263-B-1-C Date Collected: 1/25/2012 15:34:43
Analyst: DCL Data Type: Original

Replicate Data: 600-49263-B-1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.020	-0.020	-0.0000	0.0027	0.0005	15:35:48	Yes
2	-0.018	-0.018	0.0000	0.0022	0.0005	15:36:30	Yes
Mean:	-0.019	-0.019	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	7.865	7.865	200.12				

Sequence No.: 52 Autosampler Location: 42
Sample ID: LB 600-70807/1-C Date Collected: 1/25/2012 15:36:31
Analyst: DCL Data Type: Original

Replicate Data: LB 600-70807/1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.019	-0.019	0.0000	0.0021	0.0005	15:37:37	Yes
2	-0.018	-0.018	0.0000	0.0027	0.0005	15:38:18	Yes
Mean:	-0.019	-0.019	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	3.875	3.875	120.04				

Sequence No.: 53 Autosampler Location: 43
Sample ID: 600-49279-A-1-C Date Collected: 1/25/2012 15:38:20
Analyst: DCL Data Type: Original

Replicate Data: 600-49279-A-1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.023	-0.023	-0.0000	0.0018	0.0005	15:39:25	Yes
2	-0.024	-0.024	-0.0001	0.0025	0.0005	15:40:06	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.003	3.003	17.76				

Sequence No.: 54 Autosampler Location: 44
Sample ID: 600-49279-A-1-D MS Date Collected: 1/25/2012 15:40:08

Analyst: DCL Data Type: Original

Replicate Data: 600-49279-A-1-D MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.859	2.859	0.0366	0.1961	0.0371	15:41:14	Yes
2	2.833	2.833	0.0362	0.1946	0.0367	15:41:56	Yes
Mean:	2.846	2.846	0.0364				
SD:	0.019	0.019	0.0002				
%RSD:	0.654	0.654	0.65				

Sequence No.: 55 Autosampler Location: 45
Sample ID: 600-49279-A-1-E MSD Date Collected: 1/25/2012 15:41:57
Analyst: DCL Data Type: Original

Replicate Data: 600-49279-A-1-E MSD

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.825	2.825	0.0361	0.1952	0.0366	15:43:02	Yes
2	2.811	2.811	0.0359	0.1946	0.0365	15:43:45	Yes
Mean:	2.818	2.818	0.0360				
SD:	0.010	0.010	0.0001				
%RSD:	0.337	0.337	0.34				

Sequence No.: 56 Autosampler Location: 46
Sample ID: 600-49248-G-1-BSD@5 Date Collected: 1/25/2012 15:43:46
Analyst: DCL Data Type: Original

Replicate Data: 600-49248-G-1-BSD@5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	-0.0001	0.0025	0.0004	15:44:52	Yes
2	-0.026	-0.026	-0.0001	0.0023	0.0004	15:45:34	Yes
Mean:	-0.026	-0.026	-0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.001	3.001	12.84				

Sequence No.: 57 Autosampler Location: 47
Sample ID: 600-48823-A-1-FSD@5 Date Collected: 1/25/2012 15:45:36
Analyst: DCL Data Type: Original

Replicate Data: 600-48823-A-1-FSD@5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.034	-0.034	-0.0002	0.0015	0.0003	15:46:41	Yes
2	-0.026	-0.026	-0.0001	0.0028	0.0004	15:47:23	Yes
Mean:	-0.030	-0.030	-0.0001				
SD:	0.006	0.006	0.0001				
%RSD:	19.00	19.00	53.52				

Sequence No.: 58 Autosampler Location: 1
Sample ID: CCV Date Collected: 1/25/2012 15:47:24
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.952	2.952	0.0377	0.2029	0.0382	15:48:31	Yes
2	2.945	2.945	0.0376	0.2030	0.0381	15:49:12	Yes
Mean:	2.948	2.948	0.0377				
SD:	0.005	0.005	0.0001				
%RSD:	0.182	0.182	0.18				

QC value within limits for Hg 253.7 Recovery = 98.28%

All analyte(s) passed QC.

==========

Sequence No.: 59
Sample ID: CCB
Analyst:

Autosampler Location: 2
Date Collected: 1/25/2012 15:49:14
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0027	0.0005	15:50:20	Yes
2	-0.024	-0.024	-0.0001	0.0021	0.0005	15:51:02	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.867	0.867	4.89				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Analysis Begun

Logged In Analyst: houston_wetchem_inst
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 70863
Results Data Set: FW012512
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Method Loaded
Method Name: Mercury Soil & Water
Method Last Saved: 9/1/2011 15:23:28
Method Description: Mercury Analysis

Sequence No.: 1
Autosampler Location: 48
Sample ID: 600-49140-a-1-ePDS
Date Collected: 1/25/2012 15:52:18
Analyst: DCL
Data Type: Original

Replicate Data: 600-49140-a-1-ePDS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.957	2.957	0.0378	0.2192	0.0383	15:53:24	Yes
2	2.964	2.964	0.0379	0.2201	0.0384	15:54:06	Yes
Mean:	2.961	2.961	0.0378				
SD:	0.005	0.005	0.0001				
%RSD:	0.157	0.157	0.16				

Sequence No.: 2
Autosampler Location: 1
Sample ID: CCV
Date Collected: 1/25/2012 15:54:08
Analyst:
Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.995	2.995	0.0383	0.2069	0.0388	15:55:14	Yes
2	2.977	2.977	0.0381	0.2049	0.0386	15:55:56	Yes
Mean:	2.986	2.986	0.0382				
SD:	0.012	0.012	0.0002				
%RSD:	0.418	0.418	0.42				

QC value within limits for Hg 253.7 Recovery = 99.54%
All analyte(s) passed QC.

Sequence No.: 3
Autosampler Location: 2
Sample ID: CCB
Date Collected: 1/25/2012 15:55:58
Analyst:
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.022	-0.022	-0.0000	0.0023	0.0005	15:57:03	Yes
2	-0.024	-0.024	-0.0001	0.0028	0.0005	15:57:45	Yes
Mean:	-0.023	-0.023	-0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	6.031	6.031	36.35				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Metals Worksheet

Batch Number: 600-70863
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 11:15AM
Batch End: Jan 25 2012 1:15PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MER0112HS_00004	MER0112KM_00006	MER0112PP_00001	MER0112S1_00015
0.2				50 mL	50 mL	3 mL	6 mL	3.2 mL	0.10 mL
0.5				50 mL	50 mL	3 mL	6 mL	3.2 mL	0.25 mL
1.0				50 mL	50 mL	3 mL	6 mL	3.2 mL	0.50 mL
2.0				50 mL	50 mL	3 mL	6 mL	3.2 mL	1.0 mL
5.0				50 mL	50 mL	3 mL	6 mL	3.2 mL	2.5 mL
10.0				50 mL	50 mL	3 mL	6 mL	3.2 mL	5.0 mL
MB~600-70863/7				40 mL	40 mL	3 mL	6 mL	3.2 mL	
LCS~600-70863/8				50 mL	50 mL	3 mL	6 mL	3.2 mL	
600-49248-G-1	MW-1	7470A_Prep, 7470A	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49248-G-1~DU		7470A_Prep, 7470A	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49248-G-1~MS		7470A_Prep, 7470A	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49248-G-1~MS		7470A_Prep, 7470A	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49299-D-1	CTW-Out	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49299-D-2	CTW-In	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49299-C-3	RW-In	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49305-A-1	South Outfall	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49305-A-2	North Outfall	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49311-A-3	101.012212	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49311-A-6	101.012312	245.1_Prep, 245.1	T	40 mL	40 mL	3 mL	6 mL	3.2 mL	
LB~600-70273/1-A				40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-A-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-A-1-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-A-1-A~MSD		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-B-2-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-48823-B-2-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	

Metals Worksheet

Batch Number: 600-70863
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 11:15AM
Batch End: Jan 25 2012 1:15PM

Lab ID	Client ID	Method Chain	Basis	MER0112S2_00015	MERSUL_00023	METHNO3_00025
0.2					2 mL	1 mL
0.5					2 mL	1 mL
1.0					2 mL	1 mL
2.0					2 mL	1 mL
5.0					2 mL	1 mL
10.0					2 mL	1 mL
MB~600-70863/7					2 mL	1 mL
LCS~600-70863/8				1.5 mL	2 mL	1 mL
600-49248-G-1	MW-1	7470A_Prep, 7470A	T		2 mL	1 mL
600-49248-G-1~DU		7470A_Prep, 7470A	T		2 mL	1 mL
600-49248-G-1~MS		7470A_Prep, 7470A	T	1.2 mL	2 mL	1 mL
600-49248-G-1~MS		7470A_Prep, 7470A	T	1.2 mL	2 mL	1 mL
600-49299-D-1	CTW-Out	245.1_Prep, 245.1	T		2 mL	1 mL
600-49299-D-2	CTW-In	245.1_Prep, 245.1	T		2 mL	1 mL
600-49299-C-3	RW-In	245.1_Prep, 245.1	T		2 mL	1 mL
600-49305-A-1	South Outfall	245.1_Prep, 245.1	T		2 mL	1 mL
600-49305-A-2	North Outfall	245.1_Prep, 245.1	T		2 mL	1 mL
600-49311-A-3	101.012212	245.1_Prep, 245.1	T		2 mL	1 mL
600-49311-A-6	101.012312	245.1_Prep, 245.1	T		2 mL	1 mL
LB~600-70273/1-A					2 mL	1 mL
600-48823-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-48823-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-48823-A-1-A~MSD		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-48823-B-2-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-48823-B-2-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL

Metals Worksheet

Batch Number: 600-70863
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 11:15AM
Batch End: Jan 25 2012 1:15PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MER0112HS_00004	MER0112KM_00006	MER0112PP_00001	MER0112S1_00015
LB~600-70563/1-A				40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49076-C-6-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49055-A-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49055-A-1-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49140-A-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49140-A-1-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
LB~600-70806/1-A				40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49145-A-4-B		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49143-B-9-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49245-C-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49265-A-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49265-A-1-A~MS		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49143-A-8-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49263-B-1-A		7470A_Prep_L, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
LB~600-70807/1-A				40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49279-A-1-A		7470A_Prep_L, 7470A	P	100 uL	50 mL	3 mL	6 mL	3.2 mL	
600-49279-A-1-A~MS		7470A_Prep_L, 7470A	P	100 uL	50 mL	3 mL	6 mL	3.2 mL	
600-49279-A-1-A~MSD		7470A_Prep_L, 7470A	P	100 uL	50 mL	3 mL	6 mL	3.2 mL	
CCV~600-70863/44				50 mL	50 mL	3 mL	6 mL	3.2 mL	
CCB~600-70863/45				40 mL	40 mL	3 mL	6 mL	3.2 mL	

Metals Worksheet

Batch Number: 600-70863
Method: 245.1
Analyst: Lige, Derrick C

Date Open: Jan 25 2012 11:15AM
Batch End: Jan 25 2012 1:15PM

Lab ID	Client ID	Method Chain	Basis	MER0112S2_00015	MERSUL_00023	METHNO3_00025
LB~600-70563/1-A					2 mL	1 mL
600-49076-C-6-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49055-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49055-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-49140-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49140-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
LB~600-70806/1-A					2 mL	1 mL
600-49145-A-4-B		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49143-B-9-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49245-C-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49265-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49265-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-49143-A-8-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49263-B-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
LB~600-70807/1-A					2 mL	1 mL
600-49279-A-1-A		7470A_Prep_L, 7470A	P		2 mL	1 mL
600-49279-A-1-A~MS		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
600-49279-A-1-A~MSD		7470A_Prep_L, 7470A	P	1.2 mL	2 mL	1 mL
CCV~600-70863/44				1.5 mL	2 mL	1 mL
CCB~600-70863/45					2 mL	1 mL

Hood ID or number: M-4
Hot Block ID number: #3
ID number of the thermometer: #515
Temperature: 94.8 Degrees C. Degrees C
Pipette ID: MPH, MPI, M8

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70604 Batch Start Date: 01/23/12 05:50 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010
MB 600-70604/1		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	
LCS 600-70604/2		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-49143-C-9	IDW 2	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	
600-49143-A-10	Equipment Blank 8	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00011					
MB 600-70604/1		3010A, 6010B							
LCS 600-70604/2		3010A, 6010B		250 uL					
600-49143-C-9	IDW 2	3010A, 6010B	T						
600-49143-A-10	Equipment Blank 8	3010A, 6010B	T						

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#1
Pipette ID	MPH
Temperature	93.8 Degrees C.
ID number of the thermometer	#517

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70806 Batch Start Date: 01/24/12 18:13 Batch Analyst: Patel, Silen R

Batch Method: 1311 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METTCLPE1 00230					
LB 600-70806/1		1311, 3010A, 6010B		2000 mL					
600-49143-B-9	IDW 2	1311, 3010A, 6010B	P	130 mL					
600-49143-A-8	IDW 1	1311, 3010A, 6010B	P	2000 mL					

Batch Notes	
Room Temperature during Rotation	21-24 Degrees C

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70836 Batch Start Date: 01/25/12 10:25 Batch Analyst: Patel, Silen R

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00025	METSPIKEA 00010	METSPIKEB 00011
MB 600-70836/1		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-70836/2		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL
LB 600-70806/1-A		3010A, 6010B		5 mL	50 mL	2.5 mL	2.5 mL		
600-49143-B-9-A	IDW 2	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL		
600-49143-A-8-A	IDW 1	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL		

Batch Notes	
Hood ID or number	m5
Hot Block ID number	hb04
Temperature	95
ID number of the thermometer	518

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71001 Batch Start Date: 01/26/12 15:05 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00036	METHNO3 00025	METSLCSS 00016
MB 600-71001/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-71001/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-49143-B-1	2012-FWCS-7	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-B-1 DU	2012-FWCS-7	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-1 MS	2012-FWCS-7	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-1 MSD	2012-FWCS-7	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-2	2012-FWCS-6	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-3	2012-FWCS-5	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-4	2012-FWCS-4	3050B, 6010B	T	1.00 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-5	2012-FWCS-3	3050B, 6010B	T	1.04 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-A-6	2012-FWCS-2	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	
600-49143-B-8	IDW 1	3050B, 6010B	T	1.02 g	50 mL	4 mL	2.5 mL	5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEA 00010	METSPIKEB 00011				
MB 600-71001/1		3050B, 6010B							
LCS 600-71001/2		3050B, 6010B							
600-49143-B-1	2012-FWCS-7	3050B, 6010B	T						
600-49143-B-1 DU	2012-FWCS-7	3050B, 6010B	T						
600-49143-A-1 MS	2012-FWCS-7	3050B, 6010B	T	250 uL	250 uL				
600-49143-A-1 MSD	2012-FWCS-7	3050B, 6010B	T	250 uL	250 uL				
600-49143-A-2	2012-FWCS-6	3050B, 6010B	T						
600-49143-A-3	2012-FWCS-5	3050B, 6010B	T						
600-49143-A-4	2012-FWCS-4	3050B, 6010B	T						
600-49143-A-5	2012-FWCS-3	3050B, 6010B	T						
600-49143-A-6	2012-FWCS-2	3050B, 6010B	T						
600-49143-B-8	IDW 1	3050B, 6010B	T						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71001 Batch Start Date: 01/26/12 15:05 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70806 Batch Start Date: 01/24/12 18:13 Batch Analyst: Patel, Silen R

Batch Method: 1311 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METTCLPE1 00230					
LB 600-70806/1		1311, 7470A, 7470A		2000 mL					
600-49143-B-9	IDW 2	1311, 7470A, 7470A	P	130 mL					
600-49143-A-8	IDW 1	1311, 7470A, 7470A	P	2000 mL					

Batch Notes	
Room Temperature during Rotation	21-24 Degrees C

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70863 Batch Start Date: 01/25/12 11:15 Batch Analyst: Lige, Derrick C

Batch Method: 7470A Batch End Date: 01/25/12 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MER0112HS 00004	MER0112KM 00006	MER0112PP 00001	MER0112S2 00015
MB 600-70863/7		7470A, 7470A		40 mL	40 mL	3 mL	6 mL	3.2 mL	
LCS 600-70863/8		7470A, 7470A		50 mL	50 mL	3 mL	6 mL	3.2 mL	1.5 mL
LB 600-70806/1-A		7470A, 7470A		40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49143-B-9-A	IDW 2	7470A, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-49143-A-8-A	IDW 1	7470A, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	MERSUL 00023	METHNO3 00025				
MB 600-70863/7		7470A, 7470A		2 mL	1 mL				
LCS 600-70863/8		7470A, 7470A		2 mL	1 mL				
LB 600-70806/1-A		7470A, 7470A		2 mL	1 mL				
600-49143-B-9-A	IDW 2	7470A, 7470A	P	2 mL	1 mL				
600-49143-A-8-A	IDW 1	7470A, 7470A	P	2 mL	1 mL				

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#3
Pipette ID	MPH, MPI, M8
Temperature	94.8 Degrees C. Degrees C
ID number of the thermometer	#515

Basis	Basis Description
P	TCLP

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-FWCS-7	600-49143-1
2012-FWCS-6	600-49143-2
2012-FWCS-5	600-49143-3
2012-FWCS-4	600-49143-4
2012-FWCS-3	600-49143-5
2012-FWCS-2	600-49143-6
IDW 1	600-49143-8
IDW 2	600-49143-9

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 1 Lab Sample ID: 600-49143-8

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 15:39

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	85.5	250	85.5	ug/Kg	U		1	9012
	Sulfide, Reactive	14.0	50.0	14.0	mg/Kg	U		1	7.4.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 1 Lab Sample ID: 600-49143-8

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Solid Date Sampled: 01/19/2012 15:39

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	pH	7.60	0.0100		SU		HF	1	9045C
	Flashpoint	>212	1.00		Degrees F			1	D92

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 2 Lab Sample ID: 600-49143-9

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Water Date Sampled: 01/19/2012 15:51

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	0.0397	0.250	0.0397	mg/L	U		1	9012
	Sulfide, Reactive	10.0	50.0	1.40	mg/L	J		1	7.4.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 2 Lab Sample ID: 600-49143-9

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG ID.:

Matrix: Water Date Sampled: 01/19/2012 15:51

Reporting Basis: WET Date Received: 01/20/2012 09:37

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	pH	8.10	0.0100		SU		H	1	9040B
	Flashpoint	>186	1.00		Degrees F			1	SW846 Ch. 7

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: BDG Batch Start Date: 01/31/2012

Reporting Units: ug/L Analytical Batch No.: 71273

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	12:18	Cyanide, Reactive	102.5					
9	ICB	12:19	Cyanide, Reactive	0.727				U	
20	CCV	12:27	Cyanide, Reactive	102.7					
21	CCB	12:28	Cyanide, Reactive	0.727				U	
24	CCV	12:30	Cyanide, Reactive	1590				U	
25	CCB	12:31	Cyanide, Reactive	1590				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: MB Batch Start Date: 01/31/2012

Reporting Units: SU Analytical Batch No.: 71295

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
4	CCV	16:29	pH	7.030	7.00	100	99-101		WETRPH7BUF_00015

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: MB Batch Start Date: 01/30/2012

Reporting Units: SU Analytical Batch No.: 71179

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
25	CCV	11:00	pH	6.970	7.00	100	99-101		WETRPH7BUF_00015
38	CCV	11:00	pH	7.020	7.00	100	99-101		WETRPH7BUF_00015

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: SUP Batch Start Date: 01/25/2012

Reporting Units: Degrees F Analytical Batch No.: 70933

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
10	CCV	13:00	Flashpoint	81.70	81.0	101	96.91-103.09		WETRPXYLEN_00005

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Analyst: SUP Batch Start Date: 01/26/2012

Reporting Units: Degrees F Analytical Batch No.: 70973

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
4	CCV	10:30	Flashpoint	81.94	81.0	101	96.91-103.09		WETRPXYLEN_00005
8	CCV	10:30	Flashpoint	81.94	81.0	101	96.91-103.09		WETRPXYLEN_00005

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 71278	Date: 01/31/2012 12:00	Prep Batch: 71253	Date: 01/30/2012 09:00				
7.4.4	MB 600-71253/1-A	Sulfide, Reactive	14.0	U	mg/Kg	50.0	1
Batch ID: 71273	Date: 01/31/2012 12:20	Prep Batch: 71253	Date: 01/30/2012 09:00				
9012	MB 600-71253/1-A	Cyanide, Reactive	85.5	U	ug/Kg	250	1
Batch ID: 70933	Date: 01/25/2012 13:00						
D92	MB 600-70933/1	Flashpoint	>186		Degrees F	1.00	1
Batch ID: 70973	Date: 01/26/2012 10:30						
SW846 Ch. 7	MB 600-70973/1	Flashpoint	>186		Degrees F	1.00	1

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 71295	Date: 01/31/2012 15:45							
9040B	IDW 2	600-49143-9	pH	8.10	SU			
9040B	IDW 2	600-49143-9 DU	pH	8.100	SU	0	1	
Batch ID: 70973	Date: 01/26/2012 10:30							
SW846 Ch. 7	IDW 2	600-49143-9	Flashpoint	>186	Degrees F			
SW846 Ch. 7	IDW 2	600-49143-9 DU	Flashpoint	>186	Degrees F	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 71278	Date: 01/31/2012 12:00		Prep Batch: 71253			Date: 01/30/2012 09:00					
						LCS Source: SULFTSLCS_00462					
7.4.4	LCS 600-71253/2-A	Sulfide, Reactive	1120		mg/Kg	1610	70	0-100			
Batch ID: 71273	Date: 01/31/2012 12:21		Prep Batch: 71253			Date: 01/30/2012 09:00					
						LCS Source: WETRCYANID_00014					
9012	LCS 600-71253/2-A	Cyanide, Reactive	72260		ug/Kg	1000000	7	0-100			
Batch ID: 71179	Date: 01/30/2012 11:00										
						LCS Source: WETRPH7BUF_00015					
9045C	LCS 600-71179/26	pH	6.980		SU	7.00	100	99-101			
Batch ID: 70933	Date: 01/25/2012 13:00										
						LCS Source: WETRPXYLEN_00005					
D92	LCS 600-70933/2	Flashpoint	81.70		Degrees F	81.0	101	96.91-103.09			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 71295		Date: 01/31/2012 15:45									
						LCS Source: WETRPH7BUF_00015					
9040B	LCS 600-71295/1	pH	7.040		SU	7.00	101	99-101			
Batch ID: 70973		Date: 01/26/2012 10:30									
						LCS Source: WETRPXYLEN_00005					
SW846 Ch. 7	LCS 600-70973/2	Flashpoint	81.94		Degrees F	81.0	101	96.91-103.09			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: WC05

Method: 9012 MDL Date: 04/01/2011 13:51

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (ug/Kg)	MDL (ug/Kg)
Cyanide, Reactive		250	85.52

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: WC05

Method: 9012 XMDL Date: 06/15/2008 15:59

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Cyanide, Reactive		10	0.72665

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: WC05

Method: 9012 XMDL Date: 04/01/2011 13:46

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Cyanide, Reactive		10	1.589

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: WC05

Method: 9012 MDL Date: 04/01/2011 13:46

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Cyanide, Reactive		250	39.725

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 7.4.4 MDL Date: 06/13/2008 18:02

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfide, Reactive		50	13.99

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 7.4.4 XMDL Date: 06/13/2008 18:03

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide, Reactive		5	1.399

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 7.4.4 MDL Date: 06/13/2008 17:51

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfide, Reactive		50	1.399

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 7.4.4 XMDL Date: 06/13/2008 17:57

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide, Reactive		50	1.399

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9040B RL Date: 07/03/2008 13:54

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.01	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9040B XRL Date: 07/03/2008 13:54

Analyte	Wavelength/ Mass	XRL (SU)	
pH		0.01	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045C RL Date: 07/03/2008 14:00

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.01	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045C XRL Date: 07/03/2008 14:02

Analyte	Wavelength/ Mass	XRL (SU)	
pH		0.01	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D92 RL Date: 11/09/2005 14:49

Analyte	Wavelength/ Mass	RL (Degrees	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D92 XRL Date: 06/09/2008 16:44

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SW846 Ch. 7 RL Date: 11/09/2005 14:49

Analyte	Wavelength/ Mass	RL (Degrees	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-49143-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SW846 Ch. 7 XRL Date: 06/09/2008 16:47

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-71253/1-A	01/30/2012 09:00	71253	10		250
LCS 600-71253/2-A	01/30/2012 09:00	71253	10		250
600-49143-8	01/30/2012 09:00	71253	10		250
600-49143-9	01/30/2012 09:00	71253	10		250

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Prep Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-71253/1-A	01/30/2012 09:00	71253	10		250
LCS 600-71253/2-A	01/30/2012 09:00	71253	10		250
600-49143-8	01/30/2012 09:00	71253	10		250
600-49143-9	01/30/2012 09:00	71253	10		250

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: WC05 Method: 9012

Start Date: 01/31/2012 12:12 End Date: 01/31/2012 12:39

Lab Sample ID	D / F	Type	Time	Analytes																				
				CNReac																				
ZZZZZZ			12:12																					
ZZZZZZ			12:13																					
ZZZZZZ			12:13																					
ZZZZZZ			12:14																					
ZZZZZZ			12:15																					
ZZZZZZ			12:15																					
ZZZZZZ			12:16																					
ICV 600-71273/8	1		12:18	X																				
ICB 600-71273/9	1		12:19	X																				
MB 600-71253/1-A	1	T	12:20	X																				
LCS 600-71253/2-A	20	T	12:21	X																				
ZZZZZZ			12:21																					
600-49143-8	1	T	12:22	X																				
ZZZZZZ			12:23																					
ZZZZZZ			12:24																					
ZZZZZZ			12:24																					
ZZZZZZ			12:25																					
ZZZZZZ			12:26																					
ZZZZZZ			12:26																					
CCV 600-71273/20	1		12:27	X																				
CCB 600-71273/21	1		12:28	X																				
600-49143-9	1	T	12:28	X																				
ZZZZZZ			12:29																					
CCV 600-71273/24	1		12:30	X																				
CCB 600-71273/25	1		12:31	X																				
ZZZZZZ			12:31																					
ZZZZZZ			12:32																					
ZZZZZZ			12:33																					
ZZZZZZ			12:33																					
ZZZZZZ			12:34																					
ZZZZZZ			12:35																					
ZZZZZZ			12:36																					
ZZZZZZ			12:36																					
ZZZZZZ			12:37																					
ZZZZZZ			12:38																					
ZZZZZZ			12:39																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 7.4.4

Start Date: 01/31/2012 12:00 End Date: 01/31/2012 12:00

Lab Sample ID	D / F	Type	Time	Analytes																				
				S2Reac																				
MB 600-71253/1-A	1	T	12:00	X																				
LCS 600-71253/2-A	1	T	12:00	X																				
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
600-49143-8	1	T	12:00	X																				
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
600-49143-9	1	T	12:00	X																				
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
ZZZZZZ			12:00																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 7.4.4

Start Date: 01/31/2012 12:00 End Date: 01/31/2012 12:00

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 9040B

Start Date: 01/31/2012 15:45 End Date: 01/31/2012 16:29

Lab Sample ID	D / F	Type	Time	Analytes																			
				pH																			
LCS 600-71295/1	1	T	15:45	X																			
600-49143-9	1	T	15:45	X																			
600-49143-9 DU	1	T	15:45	X																			
CCV 600-71295/4	1		16:29	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045C

Start Date: 01/30/2012 11:00 End Date: 01/30/2012 11:00

Lab Sample ID	D / F	Type	Time	Analytes																			
				pH																			
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
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ZZZZZZ			11:00																				
CCV 600-71179/13			11:00																				
ZZZZZZ			11:00																				
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ZZZZZZ			11:00																				
CCV 600-71179/25	1		11:00	X																			
LCS 600-71179/26	1	T	11:00	X																			
ZZZZZZ			11:00																				
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ZZZZZZ			11:00																				
600-49143-8	1	T	11:00	X																			
CCV 600-71179/38	1		11:00	X																			
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045C

Start Date: 01/30/2012 11:00 End Date: 01/30/2012 11:00

Lab Sample ID	D / F	Type	Time	Analytes																			
				pH																			
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				
CCV 600-71179/48			11:00																				
ZZZZZZ			11:00																				
ZZZZZZ			11:00																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: D92

Start Date: 01/25/2012 13:00 End Date: 01/25/2012 13:00

Lab Sample ID	D / F	Type	Time	Analytes																				
				FP																				
MB 600-70933/1	1	T	13:00	X																				
LCS 600-70933/2	1	T	13:00	X																				
ZZZZZZ			13:00																					
ZZZZZZ			13:00																					
ZZZZZZ			13:00																					
600-49143-8	1	T	13:00	X																				
ZZZZZZ			13:00																					
ZZZZZZ			13:00																					
ZZZZZZ			13:00																					
CCV 600-70933/10	1		13:00	X																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 01/23/2012 17:19 End Date: 01/23/2012 17:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
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ZZZZZZ			17:19																					
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ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
600-49143-1	1	T	17:19	X	X																			
600-49143-1 MS	1	T	17:19	X	X																			
600-49143-1 MSD	1	T	17:19	X	X																			
600-49143-2	1	T	17:19	X	X																			
600-49143-3	1	T	17:19	X	X																			
600-49143-4	1	T	17:19	X	X																			
600-49143-5	1	T	17:19	X	X																			
600-49143-6	1	T	17:19	X	X																			
600-49143-8	1	T	17:19	X	X																			
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
ZZZZZZ			17:19																					
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ZZZZZZ			17:19																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Instrument ID: NOEQUIP Method: SW846 Ch. 7

Start Date: 01/26/2012 10:30 End Date: 01/26/2012 10:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				FP																				
MB 600-70973/1	1	T	10:30	X																				
LCS 600-70973/2	1	T	10:30	X																				
ZZZZZZ			10:30																					
CCV 600-70973/4	1		10:30	X																				
600-49143-9	1	T	10:30	X																				
600-49143-9 DU	1	T	10:30	X																				
ZZZZZZ			10:30																					
CCV 600-70973/8	1		10:30	X																				
ZZZZZZ			10:30																					
ZZZZZZ			10:30																					
ZZZZZZ			10:30																					
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ZZZZZZ			10:30																					

Prep Types

T = Total/NA

71273-9QL RCN

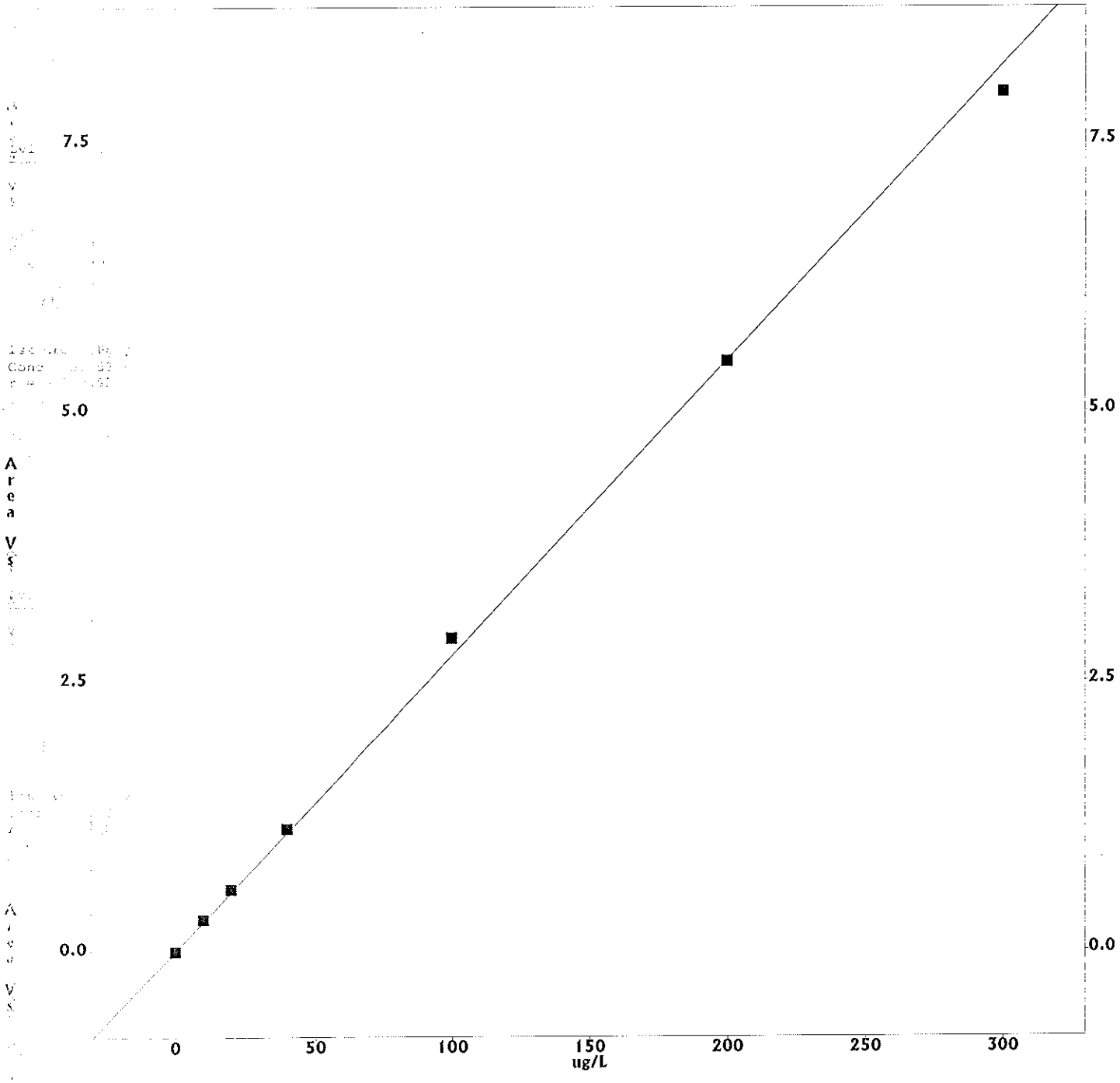
cyanide

Lvl	Area	ug/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	7955456	300	7955456					0.0	0.0	3.1
2	5464128	200	5464128					0.0	0.0	0.2
3	2904704	100	2904704					0.0	0.0	-6.1
4	1137677	40	1137677					0.0	0.0	-3.9
5	579251	20	579251					0.0	0.0	-5.8
6	297370	10	297370					0.0	0.0	-8.6
7	0	0	0					0.0	0.0	

1st Order Poly
Conc = 3.653e-005 Area - 7.156e-006
r = 0.9992

1/31/12

Scaling: None - Weighting: 1/X



Printed: Friday, February 10, 2012 - 10:17 AM

OPERATOR: bgrimm
ACQ. TIME: Jan 31, 2012 12:12:20
DATA FILENAME: C:\OMNION\DATA\CYANIDE\013112CA.FDT
METHOD FILENAME: C:\OMNION\METHODS\CYANIDE\CYANIDE.MET
TRAY FILENAME:

METHOD: EPA 335.3/FIA #1

Method - Ch. 1 (cyanide)

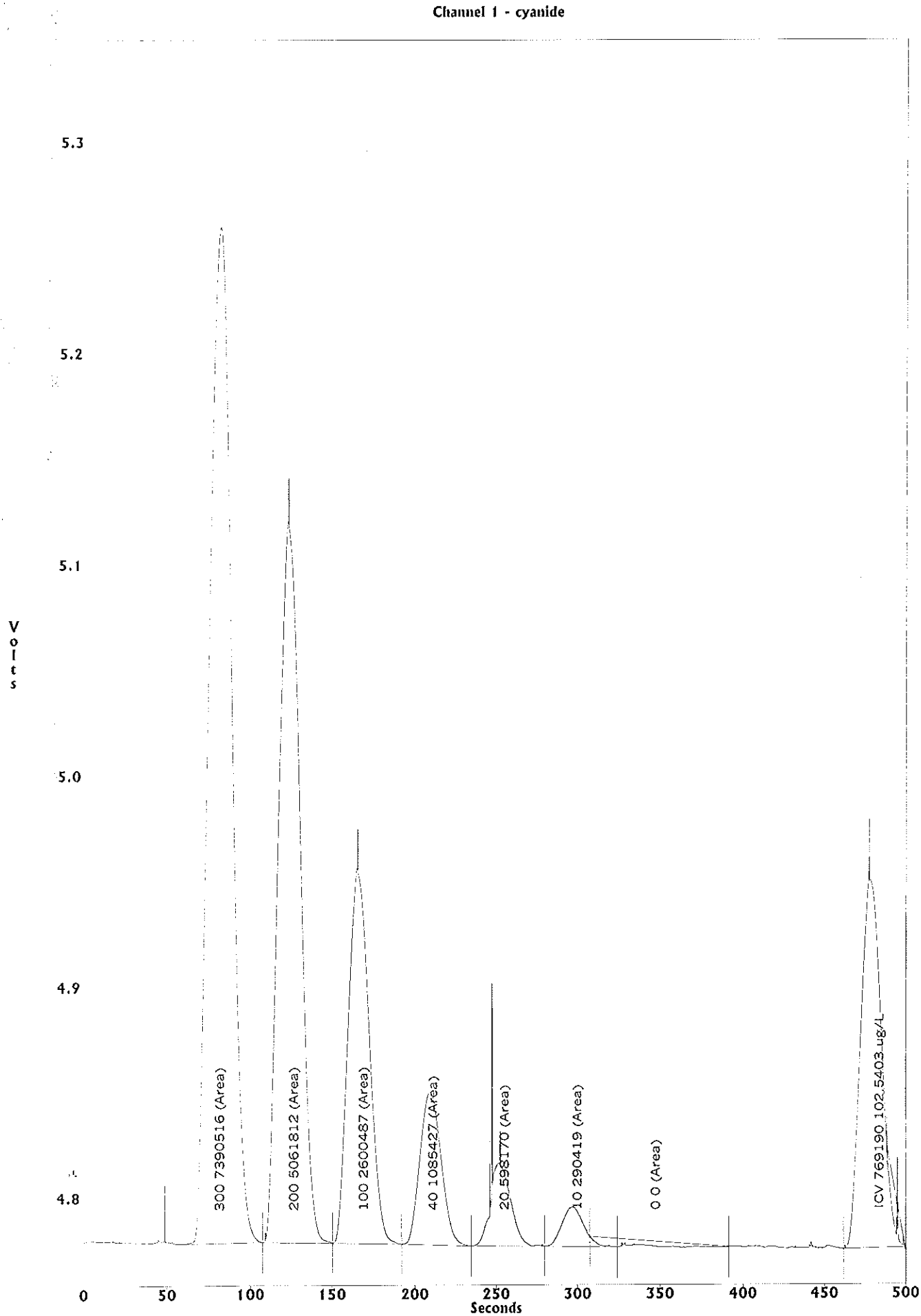
METHOD DESCRIPTION:
Created: Oct 7, 2003 14:14:00
Modified: Feb 8, 2012 15:18:45
cyanide

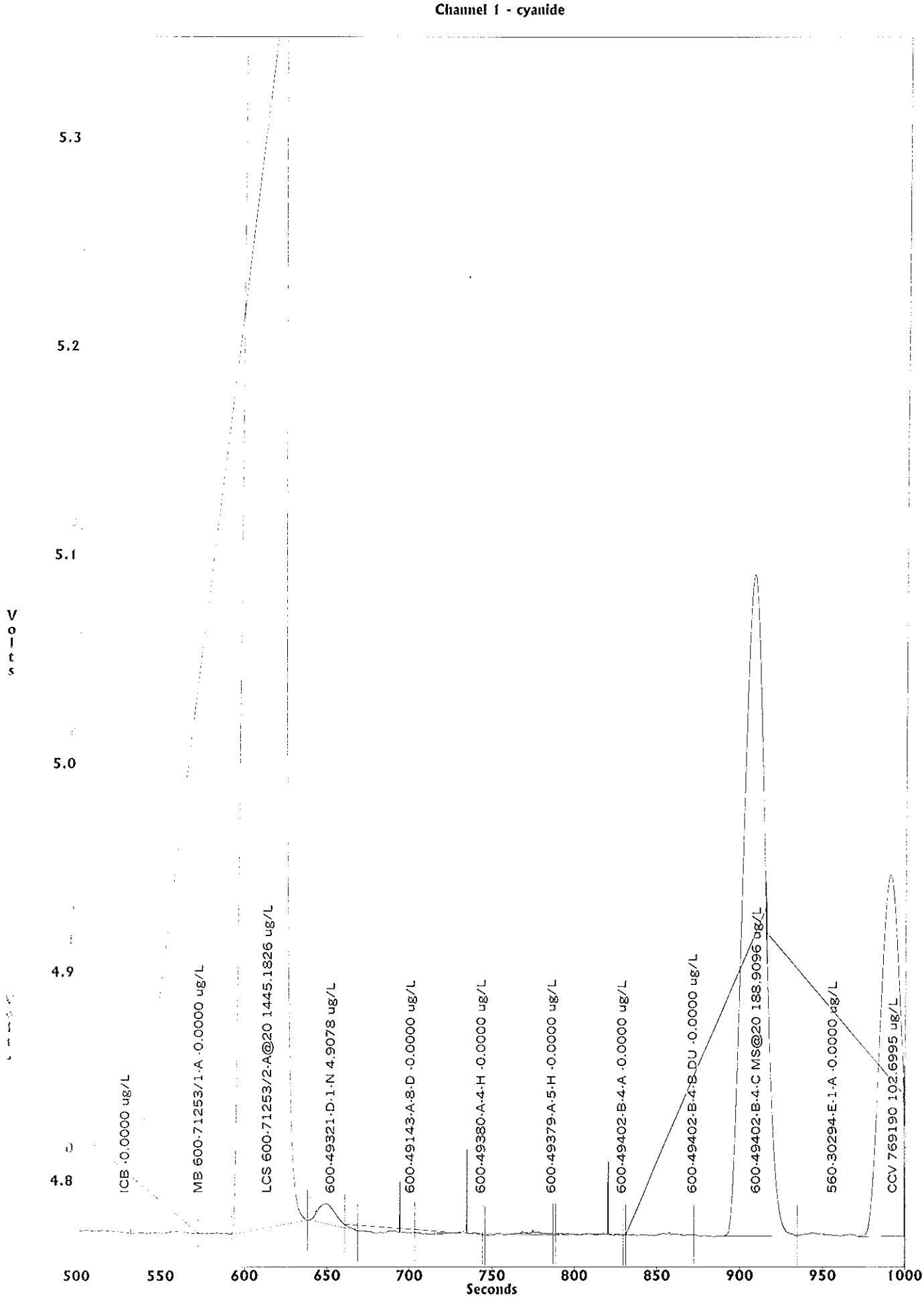
ANALYTE DATA:
Analyte Name: cyanide
Concentration Units: ug/L
Chemistry: Direct
Inject to Peak Start (s): 25.0
Peak Base Width (s): 42.000
% Width Tolerance: 50.000
Threshold: 5000.000
Autodilution Trigger: Off
QuikChem Method:

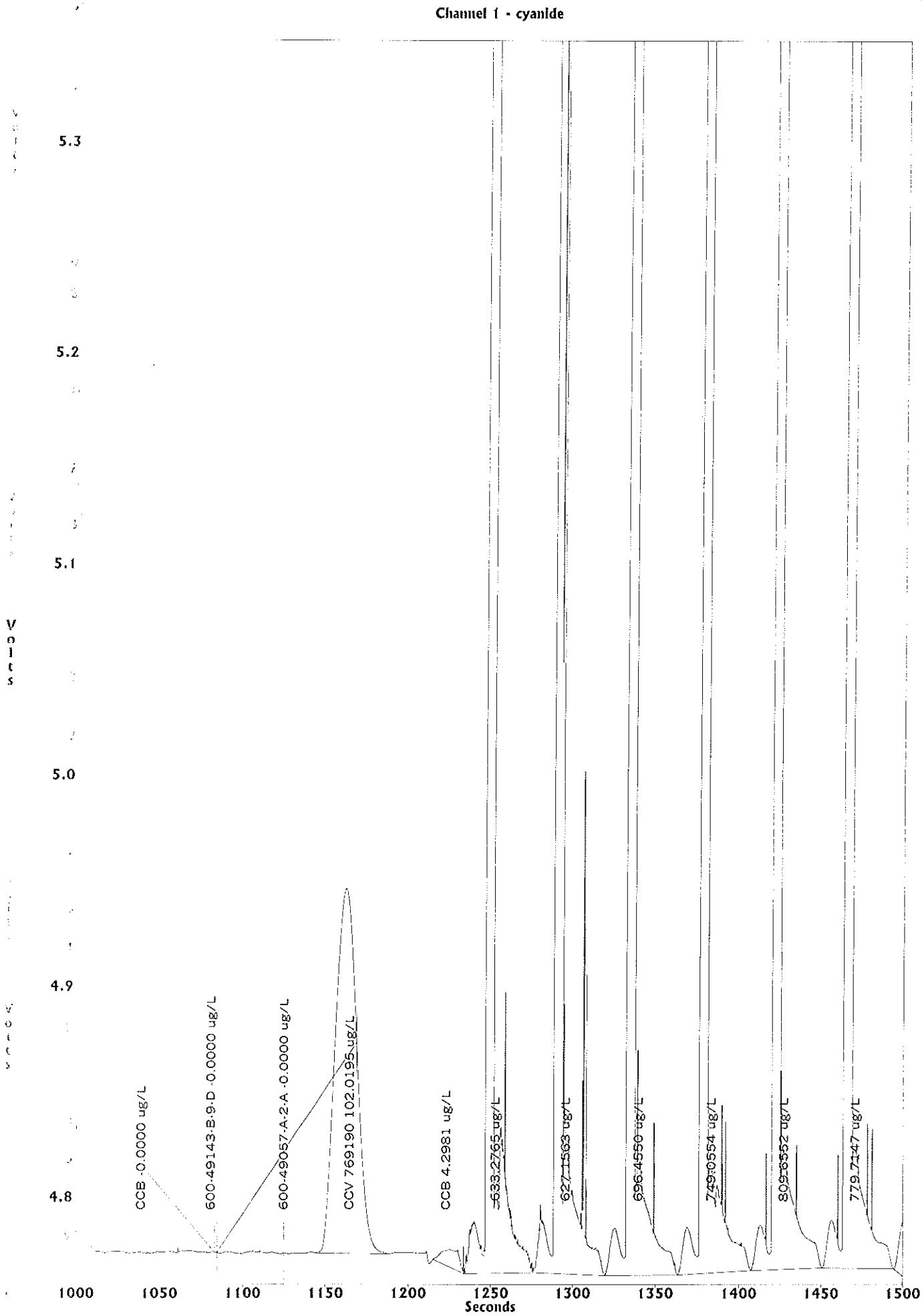
CALIBRATION DATA:
Levels:
1 : 300.000 2 : 200.000 3 : 100.000 4 : 40.000
5 : 20.000 6 : 10.000 7 : 0.000
Calibration Rep Handling: Replace
Calibration Fit Type: 1st Order Poly
Force Though Zero: No
Weighting Method: 1/X
Concentration Scaling: None

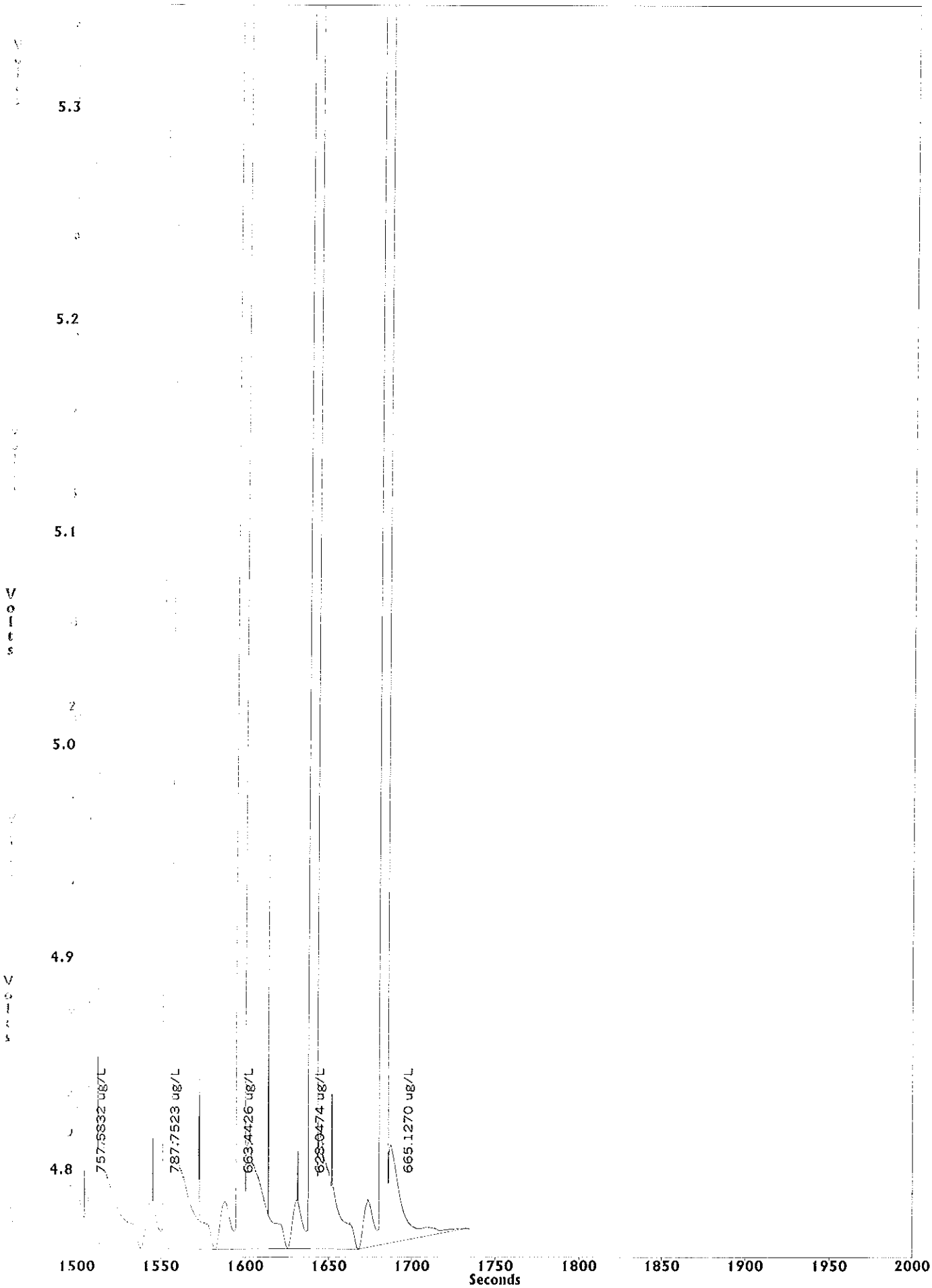
Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 1 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (ug/L)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	ICV 769190	31 Jan 2012	12:18:59	1	102.54029	1.0	1.00	1.00000	
2	ICB	31 Jan 2012	12:19:43	1	-0.00001	1.0	1.00	1.00000	
3	MB 600-71253/1-A	31 Jan 2012	12:20:26	1	-0.00001	1.0	1.00	1.00000	
4	LCS 600-71253/2-A@20	31 Jan 2012	12:21:09	1	1445.18262	1.0	1.00	1.00000	
5	600-49321-D-1-N	31 Jan 2012	12:21:52	1	4.90779	1.0	1.00	1.00000	
6	600-49143-A-8-D	31 Jan 2012	12:22:35	1	-0.00001	1.0	1.00	1.00000	
7	600-49380-A-4-H	31 Jan 2012	12:23:17	1	-0.00001	1.0	1.00	1.00000	
8	600-49379-A-5-H	31 Jan 2012	12:24:00	1	-0.00001	1.0	1.00	1.00000	
9	600-49402-B-4-A	31 Jan 2012	12:24:43	1	-0.00001	1.0	1.00	1.00000	
10	600-49402-B-4-B DU	31 Jan 2012	12:25:25	1	-0.00001	1.0	1.00	1.00000	
11	600-49402-B-4-C MS@20	31 Jan 2012	12:26:08	1	188.90961	1.0	1.00	1.00000	
12	560-30294-E-1-A	31 Jan 2012	12:26:50	1	-0.00001	1.0	1.00	1.00000	
13	CCV 769190	31 Jan 2012	12:27:31	1	102.69946	1.0	1.00	1.00000	
14	CCB	31 Jan 2012	12:28:13	1	-0.00001	1.0	1.00	1.00000	
15	600-49143-B-9-D	31 Jan 2012	12:28:55	1	-0.00001	1.0	1.00	1.00000	
16	600-49057-A-2-A	31 Jan 2012	12:29:39	1	-0.00001	1.0	1.00	1.00000	
17	CCV 769190	31 Jan 2012	12:30:22	1	102.01949	1.0	1.00	1.00000	
18	CCB	31 Jan 2012	12:31:06	1	4.29811	1.0	1.00	1.00000	
44		31 Jan 2012	12:31:49	1	633.27649	1.0	1.00	1.00000	
45		31 Jan 2012	12:32:30	1	627.15631	1.0	1.00	1.00000	
46		31 Jan 2012	12:33:14	1	696.45502	1.0	1.00	1.00000	
47		31 Jan 2012	12:33:58	1	749.05536	1.0	1.00	1.00000	
48		31 Jan 2012	12:34:42	1	809.65515	1.0	1.00	1.00000	
49		31 Jan 2012	12:35:26	1	779.71466	1.0	1.00	1.00000	
50		31 Jan 2012	12:36:09	1	757.58319	1.0	1.00	1.00000	


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
300 7390516 (Area)
200 5061812 (Area)
100 2600487 (Area)
40 1085427 (Area)
20 598170 (Area)
10 290419 (Area)
0 0 (Area)
ICV 769190 102.5403 ug/L
0
50
100
150
200
250
300
350
400
450
500
Seconds


Channel 1 - cyanide
Volts
5.3
5.2
5.1
5.0
4.9
4.8
ICB -0.0000 ug/L
MB 600-71253/1-A -0.0000 ug/L
LCS 600-71253/2-A@20 1445.1826 ug/L
600-49321-D-1-N 4.9078 ug/L
600-49143-A-8-D -0.0000 ug/L
600-49380-A-4-H -0.0000 ug/L
600-49379-A-5-H -0.0000 ug/L
600-49402-B-4-A -0.0000 ug/L
600-49402-B-4-B-DU -0.0000 ug/L
600-49402-B-4-C MS@20 188.9096 ug/L
560-30294-E-1-A -0.0000 ug/L
CCV 769190 102.6995 ug/L
500
550
600
650
700
750
800
850
900
950
1000
Seconds


Channel 1 - cyanide
Volts
5.3
5.2
5.1
5.0
4.9
4.8
CCB 0.0000 ug/L
600-49143-B-9-D 0.0000 ug/L
600-49057-A-2-A 0.0000 ug/L
CCV 769190 102.0195 ug/L
CCB 4.2981 ug/L
533.2765 ug/L
627.1563 ug/L
696.4550 ug/L
749.0554 ug/L
809.6552 ug/L
779.7447 ug/L
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
Seconds


Channel 1 - cyanide
Volts
5.3
5.2
5.1
5.0
4.9
4.8
757.5832 ug/L
787.7523 ug/L
663.4426 ug/L
628.0474 ug/L
665.1270 ug/L
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
Seconds

TestAmerica Houston

SULFIDE - Titrimetric & Reactive logbook

Method: SM4500-S^2 E or SW9034 **(circle one)**

Analyst: BDT Batch# 71278 Date: 1/31/12 1200 Time: 1200

Starch Sol ID: 480551 6N HCL ID: 758456 Sulfide Std ID: 780895

Sample ID	(C) Sample Volume (mL)	(A) 0.025 N* Iodine (mL) ID: 751398	(B) 0.025 N* Sodium Thiosulfate (mL) ID: 692932	Sulfide [(A-B)/C]*400 (mg/L)	Comments (Reactives X25)
SB	100	10	10	0	
UNDISTILLED	2ml/100	20	11.9	1620	
MB	100	10	10	0	0
LCS		20	8.8	44.8	1120
600-49263-B-1		10	9.9	0.4	10
B-1DU		10	9.9	0.4	10
B-1MS		20	8.8	44.8	1120
600-49321-D-1		10	9.9	0.4	10
600-49193-A-8		10	9.9	0.4	10
600-49380-A-4		10	9.9	0.4	10
600-49377-A-5		10	9.9	0.4	10
600-49405-A-1		10	9.9	0.4	10
600-49402-B-4		10	9.8	0.8	20
B-4DU		10	9.8	0.8	20
B-4MS		20	9.0	44.0	1100
600-49193-B-9		10	9.9	0.4	10
600-49057-A-2		10	9.9	0.4	10

*For Normality other then indicated [((A*Iodine N) – (B*Thiosulfate N))/C]*16000

Reviewed By: _____ Date: 1/31/12

SCANNED

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: 1/31/12 1545 Analyst: MB Slope: 98.52 Balance ID: B-2

Buffer ID: 4.00; 581321 7.00; 697130 10.00; 633478 LCS/ICV/CCV ID: 632813

1.00; 651512, 13.00; 586735 Batch #: 71295

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00	4.00	21.4	
Calibrate 7.00	7.00	21.2	
Calibrate 10.00	10.00	21.2	
LCS/ICV	7.04	21.8	TV= 7.00 std. units
49143 B9	8.10	20.7	WATER
Duplicate ↓ B9	8.10	20.7	↓
	1/31/12	MB	
CCV	7.03	21.8	TV= 7.00 std. units
Duplicate			
CCV			TV= _____ std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: _____ Date: 1/31/12

TestAmerica HOUSTON

pH / Corrosivity

EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: 1/30/12 1100 Analyst: MB Slope: 98.21 Balance ID: B-2

Buffer ID: 4.00; 581321 7.00; 697130 10.00; 633478 LCS/ICV/CCV ID: 632813

1.00; 651512, 13.00; 586735 Batch #: 71179

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00	4.00	20.5	
Calibrate 7.00	7.00	19.3	
Calibrate 10.00	10.00	19.3	
LCS/ICV	6.98	19.3	TV= 7.00 std. units
49417 - B1	7.09	18.8	SOIL
Duplicate B1	7.07	18.7	
B2	6.85	19.0	
B3	6.76	19.1	
B4	7.15	19.5	
B5	6.89	19.4	
B6	8.07	19.8	
B7	8.05	20.1	
B8	8.01	20.2	
B9	7.92	19.9	
B10	8.06	19.7	
CCV	6.98	20.0	TV= 7.00 std. units
49417 - B11	8.08	19.8	SOIL
Duplicate B11	8.06	19.9	
B12	6.91	19.7	
B13	7.74	19.8	
B14	7.90	20.0	
49271 - B1	8.72	19.8	
B2	8.23	19.7	
B3	8.63	19.7	
B4	8.30	19.9	
B5	8.77	20.0	
B6	8.66	20.4	
CCV	6.97	20.1	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: [signature] **Date:** 1/30/12

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time:_____ Analyst:_____ Slope:_____ Balance ID:_____

Buffer ID: 4.00; 7.00; 10.00; _____ LCS/ICV/CCV ID:_____

1.00; _____, 13.00; _____ Batch #:_____

CONT'D

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00			
Calibrate 7.00			
Calibrate 10.00			
LCS/ICV	6.98	20.1	TV= 7.00 std. units
49405 - A1	8.73	20.6	SOIL
Duplicate A1	8.71	20.8	↓
49289 - D1	5.99	19.9	
49369 - A1	10.03	20.4	
↓ A2	9.40	20.4	
↓ A3	8.71	20.5	
49263 - B1	7.50	20.5	
49379 - A5	8.32	20.6	
49321 - ~~D~~ MD D1	7.69	20.8	
49505 - C1	7.46	21.2	
49143 - A8	7.60	22.6	↓
CCV	7.02	21.1	TV= 7.00 std. units
49220 - A1	7.45	22.3	WATER
Duplicate ↓ A1	7.48	22.3	↓
49217 - A1	7.54	21.2	
49218 - A1	7.56	21.3	
49131 - A1	7.44	22.4	
↓ A2	7.45	22.6	
↓ A3	7.44	20.9	
↓ A4	7.35	20.9	
49295 - B1	7.59	22.0	↓
	1/30/12 MB.		
CCV	7.01	21.1	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: _____ **Date:** 1/30/12

TESTAMERICA HOUSTON

Flashpoint / Ignitability by Closed or Open Cup

Date/Time: 1/25/12 13:00 Analyst: SP Barometric Reading (mm Hg): 755

Thermometer ID: 540 Batch #: 70933

LCS True Value: 81 LCS ID: 570596 (closed cup) (open cup)

Bottle ID	Sample ID	Thermometer Temp. (°F)	Corrected Temp. (°F)	Comment (Note Procedure Used)
	MB	7186	>186	
	LCS	82.0	81.70	
774954	49263-B1	>212	>212	D92
	↓ DU	>212	>212	↓
775361	49289-A1	>212	>212	
772494	49143-A8	>212	>212	
775957	49321-B1	>212	>212	
770518	49055-A1	>212	>212	
560-743480	560-30291-A2	>212	>212	
	CCV	82.0	81.70	
		SP		
			1/25/12	

Flashpoint Barometric Pressure Correction Formula:

Corrected Flashpoint = F + 0.06 (760-P)

Where: F = Observed Flashpoint Temperature (°F)

P = Ambient Barometric Pressure (mm Hg)

Reviewed By: M Date: 1/26/12

TESTAMERICA HOUSTON

Flashpoint / Ignitability by Closed or Open Cup

Date/Time: 1/26/12 10:30 Analyst: SP

Thermometer ID: 540

Barometric Reading (mm Hg): 759

Batch #: 709T3

LCS True Value: 81 LCS ID: 570596

(closed cup) (open cup)

Bottle ID	Sample ID	Thermometer Temp. (°F)	Corrected Temp. (°F)	Comment (Note Procedure Used)
	MB	>186		
	LCS	82.0	81.94	1010
744952	560-30183-C2	165	164.94	↓
772496	49143-A 9	>186	>186	
	DU	>186	>186	
775034	49145-A 4	>186	>186	
	CCV	82	81.94	
		SP	1/26/12	

Flashpoint Barometric Pressure Correction Formula:

Corrected Flashpoint = F + 0.06 (760-P)

Where: F = Observed Flashpoint Temperature (°F)

P = Ambient Barometric Pressure (mm Hg)

SCANNED 1/26/12

Reviewed By: _____ Date: 1/26/12

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71253 Batch Start Date: 01/30/12 09:00 Batch Analyst: Grimm, Brandon D

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00462	WETRCYANID 00014		
MB 600-71253/1		7.3.4, 9012		10 g	250 mL				
LCS 600-71253/2		7.3.4, 9012		10 g	250 mL	10 mL	10 mL		
600-49143-A-8	IDW 1	7.3.4, 9012	T	10 g	250 mL				
600-49143-B-9	IDW 2	7.3.4, 9012	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71273 Batch Start Date: 01/31/12 14:19 Batch Analyst: Grimm, Brandon D

Batch Method: 9012 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
ICV 600-71273/8		9012		5 mL	5 mL				
ICB 600-71273/9		9012		5 mL	5 mL				
MB 600-71253/1-A		9012		5 mL	5 mL				
LCS 600-71253/2-A		9012		5 mL	5 mL				
600-49143-A-8-D	IDW 1	9012	T	5 mL	5 mL				
CCV 600-71273/20		9012		5 mL	5 mL				
CCB 600-71273/21		9012		5 mL	5 mL				
600-49143-B-9-D	IDW 2	9012	T	5 mL	5 mL				
CCV 600-71273/24		9012		5 mL	5 mL				
CCB 600-71273/25		9012		5 mL	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71253 Batch Start Date: 01/30/12 09:00 Batch Analyst: Grimm, Brandon D

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00462	WETRCYANID 00014		
MB 600-71253/1		7.3.4, 7.4.4		10 g	250 mL				
LCS 600-71253/2		7.3.4, 7.4.4		10 g	250 mL	10 mL	10 mL		
600-49143-A-8	IDW 1	7.3.4, 7.4.4	T	10 g	250 mL				
600-49143-B-9	IDW 2	7.3.4, 7.4.4	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71295 Batch Start Date: 01/31/12 15:45 Batch Analyst: Boza, Michael

Batch Method: 9040B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SampleTemp	pHread1	CalcMsg	WETRPH7BUF 00015	
LCS 600-71295/1		9040B		50 mL	21.8 Celsius	7.04 SU	pH = Read 1	50 mL	
600-49143-B-9	IDW 2	9040B	T	50 mL	20.7 Celsius	8.10 SU	pH = Read 1		
600-49143-B-9 DU	IDW 2	9040B	T	50 mL	20.7 Celsius	8.10 SU	pH = Read 1		
CCV 600-71295/4		9040B		50 mL	21.8 Celsius	7.03 SU	pH = Read 1	50 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 71179 Batch Start Date: 01/30/12 11:00 Batch Analyst: Boza, Michael

Batch Method: 9045C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SampleTemp	pHread1	CalcMsg	WETRPH7BUF 00015	
CCV 600-71179/25		9045C		50 mL	20.1 Celsius	6.97 SU	pH = Read 1	50 mL	
LCS 600-71179/26		9045C		50 mL	20.1 Celsius	6.98 SU	pH = Read 1	50 mL	
600-49143-A-8	IDW 1	9045C	T	20 mL	22.6 Celsius	7.60 SU	pH = Read 1		
CCV 600-71179/38		9045C		50 mL	21.1 Celsius	7.02 SU	pH = Read 1	50 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70933 Batch Start Date: 01/25/12 13:00 Batch Analyst: Puranik, Surendra U

Batch Method: D92 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WETRPXYLEN 00005				
LCS 600-70933/2		D92		60 mL	60 mL				
CCV 600-70933/10		D92		60 mL	60 mL				

Batch Notes	

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70705 Batch Start Date: 01/23/12 17:19 Batch Analyst: Puranik, Surendra U

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-49143-A-1	2012-FWCS-7	Moisture	T	1.15 g	15.76 g	11.40 g			
600-49143-A-1 MS	2012-FWCS-7	Moisture	T	1.15 g	16.99 g	12.22 g			
600-49143-A-1 MSD	2012-FWCS-7	Moisture	T	1.15 g	18.59 g	13.49 g			
600-49143-A-2	2012-FWCS-6	Moisture	T	1.15 g	19.09 g	14.34 g			
600-49143-A-3	2012-FWCS-5	Moisture	T	1.15 g	17.53 g	13.63 g			
600-49143-A-4	2012-FWCS-4	Moisture	T	1.15 g	18.70 g	13.57 g			
600-49143-A-5	2012-FWCS-3	Moisture	T	1.15 g	19.33 g	15.15 g			
600-49143-A-6	2012-FWCS-2	Moisture	T	1.15 g	16.59 g	13.44 g			
600-49143-A-8	IDW 1	Moisture	T	1.15 g	17.19 g	13.42 g			

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-49143-1

SDG No.:

Batch Number: 70973 Batch Start Date: 01/26/12 10:30 Batch Analyst: Puranik, Surendra U

Batch Method: SW846 Ch. 7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WETRPXYLEN 00005				
MB 600-70973/1		SW846 Ch. 7		60 mL					
LCS 600-70973/2		SW846 Ch. 7		60 mL	60 mL				
CCV 600-70973/4		SW846 Ch. 7		60 mL	60 mL				
CCV 600-70973/8		SW846 Ch. 7		60 mL	60 mL				

Batch Notes	
Barometric Pressure at Time of Analysis	759

Basis	Basis Description

Loc: 600
49143

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carr	COC No.
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 1
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664	PO #:			
Phone: (512) 671-3434	WO #:			
Email: chris.moore@pbwllc.com	Project #: 1732			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	SSOW#:			
Site: Exide Frisco Recycling Center				

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Pb	RCRA 8 metals TCLP	RCT	Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	D				A	J			D	I	I		
2012-FWCS-7	1/19/12	1110	G	S	N	Y	X					X	X						4	Hold TX1006
2012-FWCS-~~X~~6		1140				N	X					X	X						2	
2012-FWCS-5		1206					X					X	X						2	
2012-FWCS-4		1231					X					X	X						2	
2012-FWCS-3		1255					X					X	X						2	
2012-FWCS-2		1319					X					X	X						2	
Field Blank 4		1445		W								X							3	
IDW 1		1539		S												X	X	X	2	
IDW 2		1551		W												X	X	X	3	
Equipment Blank 8		1609		W			X					X							4	
Trip Blank 1/19/12	—	—	—	W								X								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 1/19/12 1714	Company: PBW	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Page 678 of 679

03/02/2012

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-49143-1

Login Number: 49143

List Source: TestAmerica Houston

List Number: 1

Creator: Capps, Dana

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	4.6
Cooler Temperature is recorded.	True	545
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-50964-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
3/13/2012 6:12 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
03/13/2012
Revision: 1

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Report Narrative 9
Method Summary 10
Method / Analyst Summary 11
Sample Summary 12
Sample Results 13
Sample Datasheets 14
Data Qualifiers 17
QC Results 18
Qc Association Summary 19
Qc Reports 20
Raw Data 22
Client Chain of Custody 266
Sample Receipt Checklist 267

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-50964-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		03/06/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/29/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-50964
Reviewer Name: TWR	Prep Batch Number(s): 600-73114(w), 73061(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?				X	1
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 02/29/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-50964
Reviewer Name: TWR	Prep Batch Number(s): 600-73114(w), 73061(s)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	3
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 02/29/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-50964
Reviewer Name: TWR	Prep Batch Number(s): 600-73114(w), 73061(s)- ICP

ER #[1]	DESCRIPTION
1	The laboratory selected samples from other groups to perform as the MS/MSDs.
2	The laboratory selected samples from other groups to perform as the DUPs.
3	The laboratory selected samples from other groups to perform as the PDS/SDs.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	12/30/2011
Date Prepared:	12/30/2011
Instrument:	TJA1
TALS Batches:	69146
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.042	25
Antimony	0.231553	0.45	0.44	2.5
Arsenic	0.217923	0.5	0.264	1
Barium	0.011322	0.03	0.027	1
Beryllium	0.014513	0.02	0.025	0.25
Boron	0.385535	0.6	2.04	20
Cadmium	0.025642	0.05	0.061	0.25
Calcium	0.86399	1.5	2.78	100
Chromium	0.050606	0.1	0.111	0.5
Cobalt	0.067622	0.1	0.109	0.5
Copper	0.173703	0.5	0.524	0.5
Iron	2.534007	4	5.65	20
Lithium	0.007932	0.01	0.005	10
Lead	0.104832	0.2	0.004	0.5
Selenium	0.258884	0.5	0.008	2
Magnesium	1.9	3	2.66	100
Manganese	0.038111	0.05	0.052	1.5
Molybdenum	0.136448	0.35	0.404	0.5
Nickel	0.116599	0.15	0.227	1
Silver	0.118848	0.2	0.232	0.5
Sodium	0.885548	2.4	1.9	100
Strontium	0.00252	0.005	0.921	0.25
Thallium	0.276988	0.7	0.794	1.5
Tin	0.08729	0.15	0.292	1
Titanium	0.014529	0.03	0.04	0.5
Vanadium	0.079068	0.15	0.148	0.5
Zinc	0.108432	0.2	0.315	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	12/29/2011
Date Prepared:	12/29/2011
Instrument:	TJA1
TALs Batches:	69146
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.022	0.5
Antimony	0.0063	0.01	0.006	0.05
Arsenic	0.0033	0.01	0.0004	0.01
Barium	0.0022	0.005	0.003	0.02
Beryllium	0.00134	0.002	0.002	0.005
Boron	0.0077	0.02	0.036	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.642	1
Chromium	0.0016	0.002	0.003	0.01
Cobalt	0.00063	0.001	0.0004	0.01
Copper	0.0014	0.002	0.002	0.01
Iron	0.087	0.1	0.054	0.4
Lithium	0.0024	0.005	0.002	0.2
Lead	0.0029	0.005	0.003	0.01
Selenium	0.0042	0.01	0.006	0.04
Manganese	0.00084	0.002	0.001	0.01
Molybdenum	0.0027	0.005	0.003	0.01
Nickel	0.00179	0.005	0.003	0.01
Silver	0.0012	0.0025	0.001	0.01
Sodium	0.02	0.05	0.033	1
Strontium	0.0005	0.001	0.001	0.005
Thallium	0.0078	0.02	0.011	0.03
Tin	0.0028	0.005	0.003	0.01
Titanium	0.0011	0.002	0.001	0.01
Vanadium	0.0017	0.002	0.003	0.01
Zinc	0.0022	0.005	0.007	0.01

Comments

The report was revised to include the missing Metals raw data for batch 73279.

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-50964-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals	TAL HOU		SW846 3050B
Percent Moisture	TAL HOU	EPA Moisture	
Matrix: Water			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Total Metals	TAL HOU		SW846 3010A

Lab References:

TAL HOU = TestAmerica Houston

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-50964-1

Method	Analyst	Analyst ID
SW846 6010B	Lige, Derrick C	DCL
SW846 6010B	Patel, Silen R	SRP
EPA Moisture	Boza, Michael	MB

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-50964-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-50964-1	2012-NDA-4 (2-4)	Solid	02/22/2012 1442	02/23/2012 0852
600-50964-2	2012-NDA-6 (0-2)	Solid	02/22/2012 1553	02/23/2012 0852
600-50964-3	Equipment Blank 9	Water	02/22/2012 1617	02/23/2012 0852

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-50964-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-4 (2-4)

Lab Sample ID: 600-50964-1
Client Matrix: Solid

Date Sampled: 02/22/2012 14:42
Date Received: 02/23/2012 08:52

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							73061	02/23/2012 11:52		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	24			1.0	1.0	1.0	%	73224	02/25/2012 12:30	1	MB
Percent Solids	STL00234	76			1.0	1.0	1.0	%	73224	02/25/2012 12:30	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Lead	7439-92-1	228			0.105	0.500	0.131	mg/Kg	73163	02/24/2012 10:53	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-50964-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-NDA-6 (0-2)

Lab Sample ID: 600-50964-2
Client Matrix: Solid

Date Sampled: 02/22/2012 15:53
Date Received: 02/23/2012 08:52

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							73061	02/23/2012 11:52		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	22			1.0	1.0	1.0	%	73224	02/25/2012 12:30	1	MB
Percent Solids	STL00234	78			1.0	1.0	1.0	%	73224	02/25/2012 12:30	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Lead	7439-92-1	113			0.105	0.500	0.131	mg/Kg	73163	02/24/2012 10:56	1	SRP

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-50964-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: Equipment Blank 9

Lab Sample ID: 600-50964-3
Client Matrix: Water

Date Sampled: 02/22/2012 16:17
Date Received: 02/23/2012 08:52

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Water												
Preparation, Total Metals		Complete							73114	02/24/2012 05:03		DCL
Method: SW846 6010B,Water												
Lead	7439-92-1	0.0128			0.00290	0.0100	0.00290	mg/L	73279	02/27/2012 12:13	1	DCL

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-50964-1

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-50964-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-73061					
LCS 600-73061/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-73061/1-A	Method Blank	T	Solid	3050B	
600-50964-1	2012-NDA-4 (2-4)	T	Solid	3050B	
600-50964-2	2012-NDA-6 (0-2)	T	Solid	3050B	
Prep Batch: 600-73114					
LCS 600-73114/2-A	Lab Control Sample	T	Water	3010A	
MB 600-73114/1-A	Method Blank	T	Water	3010A	
600-50964-3	Equipment Blank 9	T	Water	3010A	
Analysis Batch:600-73163					
LCS 600-73061/2-A	Lab Control Sample	T	Solid	6010B	600-73061
MB 600-73061/1-A	Method Blank	T	Solid	6010B	600-73061
600-50964-1	2012-NDA-4 (2-4)	T	Solid	6010B	600-73061
600-50964-2	2012-NDA-6 (0-2)	T	Solid	6010B	600-73061
Analysis Batch:600-73279					
LCS 600-73114/2-A	Lab Control Sample	T	Water	6010B	600-73114
MB 600-73114/1-A	Method Blank	T	Water	6010B	600-73114
600-50964-3	Equipment Blank 9	T	Water	6010B	600-73114

Report Basis
T = Total

General Chemistry

Analysis Batch:600-73224					
600-50964-1	2012-NDA-4 (2-4)	T	Solid	Moisture	
600-50964-2	2012-NDA-6 (0-2)	T	Solid	Moisture	

Report Basis
T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-50964-1

Method Blank - Batch: 600-73061

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-73061/1-A	Analysis Batch:	600-73163	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-73061	Lab File ID:	A022412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	02/24/2012 0853	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/23/2012 1152				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Lead	0.105	U	0.105	0.500

Lab Control Sample - Batch: 600-73061

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-73061/2-A	Analysis Batch:	600-73163	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-73061	Lab File ID:	A022412
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	02/24/2012 0856	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/23/2012 1152				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	144	148.4	103	79 - 121	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-50964-1

Method Blank - Batch: 600-73114

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-73114/1-A	Analysis Batch:	600-73279	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-73114	Lab File ID:	A022712.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	02/27/2012 1208	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	02/24/2012 0503				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-73114

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-73114/2-A	Analysis Batch:	600-73279	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-73114	Lab File ID:	A022712.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	02/27/2012 1211	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	02/24/2012 0503				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	1.00	0.9392	94	80 - 120	

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-50964-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-NDA-4 (2-4)	600-50964-1
2012-NDA-6 (0-2)	600-50964-2
Equipment Blank 9	600-50964-3

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-4 (2-4)
Lab Sample ID: 600-50964-1
Lab Name: TestAmerica Houston
Job No.: 600-50964-1
SDG ID.:
Matrix: Solid
Date Sampled: 02/22/2012 14:42
Reporting Basis: DRY
Date Received: 02/23/2012 08:52
% Solids: 76.4

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	228	0.623	0.131	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-NDA-6 (0-2)
Lab Sample ID: 600-50964-2
Lab Name: TestAmerica Houston
Job No.: 600-50964-1
SDG ID.:
Matrix: Solid
Date Sampled: 02/22/2012 15:53
Reporting Basis: DRY
Date Received: 02/23/2012 08:52
% Solids: 77.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	113	0.625	0.131	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Equipment Blank 9 Lab Sample ID: 600-50964-3

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG ID.:

Matrix: Water Date Sampled: 02/22/2012 16:17

Reporting Basis: WET Date Received: 02/23/2012 08:52

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.0128	0.0100	0.00290	mg/L			1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

ICV Source: MET0212CCV_00003 Concentration Units: mg/L

CCV Source: MET0212CCV_00003

Analyte	ICV 600-73279/9 02/27/2012 09:04				CCV 600-73279/49 02/27/2012 10:49				CCV 600-73279/62 02/27/2012 12:34			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.4836		0.500	97	0.4779		0.500	96	0.4770		0.500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

ICV Source: MET0212CCV_00003 Concentration Units: mg/L

CCV Source: MET0212CCV_00003

Analyte	CCV 600-73279/75 02/27/2012 13:08				CCV 600-73279/81 02/27/2012 13:23							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.4788		0.500	96	0.4763		0.500	95				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

ICV Source: MET0212CCV_00001 Concentration Units: mg/L

CCV Source: MET0212CCV_00001

Analyte	ICV 600-73163/4 02/24/2012 06:41				CCV 600-73163/36 02/24/2012 08:45				CCV 600-73163/48 02/24/2012 09:31			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.4974		0.500	99	0.4962		0.500	99	0.5004		0.500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

ICV Source: MET0212CCV_00001 Concentration Units: mg/L

CCV Source: MET0212CCV_00001

Analyte	CCV 600-73163/60 02/24/2012 10:21				CCV 600-73163/72 02/24/2012 11:08							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.5000		0.500	100	0.5046		0.500	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-73163/6 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.005090	J	51	0-500

Lab Sample ID: CRI 600-73163/100 Concentration Units: mg/L

CRQL Check Standard Source: MET1211LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.005630	J	56	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-73279/11 02/27/2012 09:09		CCB 600-73279/51 02/27/2012 10:54		CCB 600-73279/64 02/27/2012 12:39		CCB 600-73279/77 02/27/2012 13:13	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-73279/83 02/27/2012 13:28							
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-73163/5 02/24/2012 06:45		CCB 600-73163/37 02/24/2012 08:49		CCB 600-73163/49 02/24/2012 09:35		CCB 600-73163/61 02/24/2012 10:25	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-73163/73 02/24/2012 11:12							
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-73061/1-A

Instrument Code: TJA1 Batch No.: 73163

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.105	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-73114/1-A

Instrument Code: Thermo6500 Batch No.: 73279

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.00290	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Lab Sample ID: ICSA 600-73279/12 Instrument ID: Thermo6500

Lab File ID: A022712.asc ICS Source: METISA_00068

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**-0.0118**	
Aluminum	*500*	*521*	*104*
Antimony		*-0.0120*	
Arsenic		*0.0010*	
Barium		*0.0005*	
Beryllium		*0.0002*	
Boron		*-0.0006*	
Cadmium		*0.0002*	
Calcium	*500*	*509*	*102*
Chromium		*0.0025*	
Cobalt		*0.0003*	
Copper		*0.0035*	
Iron	*200*	*198*	*99*
Lithium		*0.0088*	
Magnesium	*500*	*585*	*117*
Manganese		*-0.0055*	
Molybdenum		*-0.0019*	
Nickel		*0.0024*	
Potassium		*0.118*	
Selenium		*-0.0006*	
Silicon		*0.0141*	
Silver		*0.0001*	
Sodium		*0.0222*	
Strontium		*0.0026*	
Thallium		*-0.0021*	
Tin		*0.0013*	
Titanium		*0.0023*	
Vanadium		*-0.0054*	
Zinc		*0.0033*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Lab Sample ID: ICSAB 600-73279/13 Instrument ID: Thermo6500

Lab File ID: A022712.asc ICS Source: METISB_00070

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Lead	**1.00**	**1.01**	**101**
Aluminum	*510*	*528*	*103*
Antimony	*1.00*	*1.06*	*106*
Arsenic	*1.00*	*1.04*	*104*
Barium	*1.00*	*1.17*	*117*
Beryllium	*0.500*	*0.524*	*105*
Boron	*1.00*	*1.09*	*109*
Cadmium	*0.500*	*0.547*	*109*
Calcium	*510*	*510*	*100*
Chromium	*1.00*	*0.905*	*90*
Cobalt	*1.00*	*0.975*	*97*
Copper	*1.00*	*1.06*	*106*
Iron	*210*	*203*	*97*
Lithium	*1.00*	*1.15*	*115*
Magnesium	*510*	*593*	*116*
Manganese	*1.00*	*0.897*	*90*
Molybdenum	*1.00*	*1.03*	*103*
Nickel	*1.00*	*0.987*	*99*
Potassium	*10.0*	*12.3*	*123*
Selenium	*1.00*	*1.06*	*106*
Silicon	*1.00*	*1.06*	*106*
Silver	*0.500*	*0.538*	*108*
Sodium	*10.0*	*11.8*	*118*
Strontium	*0.500*	*0.573*	*115*
Thallium	*1.00*	*1.08*	*108*
Tin	*1.00*	*0.996*	*100*
Titanium	*1.00*	*0.942*	*94*
Vanadium	*1.00*	*0.920*	*92*
Zinc	*1.00*	*0.875*	*87*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Lab Sample ID: ICSA 600-73163/7 Instrument ID: TJA1

Lab File ID: A022412 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0021**	
Aluminum	*500*	*493*	*99*
Antimony		*0.0031*	
Arsenic		*-0.0049*	
Barium		*0.0017*	
Beryllium		*0.0000*	
Boron		*-0.0031*	
Cadmium		*-0.0025*	
Calcium	*500*	*458*	*92*
Chromium		*0.0016*	
Cobalt		*-0.0007*	
Copper		*0.0133*	
Iron	*200*	*195*	*97*
Lithium		*0.0043*	
Magnesium	*500*	*519*	*104*
Manganese		*-0.0083*	
Molybdenum		*0.0003*	
Nickel		*0.0004*	
Potassium		*0.154*	
Selenium		*-0.0020*	
Silicon		*0.0122*	
Silver		*-0.0004*	
Sodium		*0.194*	
Strontium		*-0.0091*	
Thallium		*-0.0107*	
Tin		*-0.0019*	
Titanium		*-0.0038*	
Vanadium		*0.0029*	
Zinc		*-0.0016*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Lab Sample ID: ICSAB 600-73163/8 Instrument ID: TJA1

Lab File ID: A022412 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Lead	**1.00**	**0.976**	**98**
Aluminum	*510*	*499*	*98*
Antimony	*1.00*	*1.01*	*101*
Arsenic	*1.00*	*1.01*	*101*
Barium	*1.00*	*1.01*	*101*
Beryllium	*0.500*	*0.499*	*100*
Boron	*1.00*	*1.02*	*102*
Cadmium	*0.500*	*0.468*	*94*
Calcium	*510*	*462*	*91*
Chromium	*1.00*	*0.974*	*97*
Cobalt	*1.00*	*0.942*	*94*
Copper	*1.00*	*1.05*	*105*
Iron	*210*	*203*	*96*
Lithium	*1.00*	*1.12*	*112*
Magnesium	*510*	*526*	*103*
Manganese	*1.00*	*0.968*	*97*
Molybdenum	*1.00*	*0.994*	*99*
Nickel	*1.00*	*0.930*	*93*
Potassium	*10.0*	*13.7*	*137*
Selenium	*1.00*	*1.01*	*101*
Silicon	*1.00*	*0.996*	*100*
Silver	*0.500*	*0.531*	*106*
Sodium	*10.0*	*12.8*	*128*
Strontium	*0.500*	*0.485*	*97*
Thallium	*1.00*	*0.955*	*96*
Tin	*1.00*	*0.995*	*100*
Titanium	*1.00*	*0.989*	*99*
Vanadium	*1.00*	*0.989*	*99*
Zinc	*1.00*	*1.00*	*100*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Lab Sample ID: ICSA 600-73163/101 Instrument ID: TJA1

Lab File ID: A022412 ICS Source: METISA_00067

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Lead		**0.982**	
Aluminum	*500*	*513*	*103*
Antimony		*1.00*	
Arsenic		*1.02*	
Barium		*0.979*	
Beryllium		*0.523*	
Boron		*1.02*	
Cadmium		*0.456*	
Calcium	*500*	*475*	*95*
Chromium		*1.01*	
Cobalt		*0.970*	
Copper		*1.09*	
Iron	*200*	*208*	*104*
Lithium		*1.14*	
Magnesium	*500*	*544*	*109*
Manganese		*0.990*	
Molybdenum		*0.999*	
Nickel		*0.903*	
Potassium		*13.9*	
Selenium		*1.04*	
Silicon		*1.03*	
Silver		*0.543*	
Sodium		*13.1*	
Strontium		*0.472*	
Thallium		*0.901*	
Tin		*1.02*	
Titanium		*1.02*	
Vanadium		*1.02*	
Zinc		*0.998*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Lab Sample ID: ICSAB 600-73163/102 Instrument ID: TJA1

Lab File ID: A022412 ICS Source: METISB_00069

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Lead	**1.00**	**0.0002**	**0.02**
Aluminum	*510*	*491*	*96*
Antimony	*1.00*	*0.0005*	*0.05*
Arsenic	*1.00*	*-0.0034*	*-0.3*
Barium	*1.00*	*0.0017*	*0.2*
Beryllium	*0.500*	*0.0003*	*0.05*
Boron	*1.00*	*-0.0046*	*-0.5*
Cadmium	*0.500*	*0.0002*	*0.03*
Calcium	*510*	*456*	*89*
Chromium	*1.00*	*0.0019*	*0.2*
Cobalt	*1.00*	*-0.0008*	*-0.08*
Copper	*1.00*	*0.0141*	*1*
Iron	*210*	*193*	*92*
Lithium	*1.00*	*0.0037*	*0.4*
Magnesium	*510*	*521*	*102*
Manganese	*1.00*	*-0.0083*	*-0.8*
Molybdenum	*1.00*	*0.0043*	*0.4*
Nickel	*1.00*	*0.0007*	*0.07*
Potassium	*10.0*	*-0.0498*	*-0.5*
Selenium	*1.00*	*0.0091*	*0.9*
Silicon	*1.00*	*0.0153*	*2*
Silver	*0.500*	*-0.0005*	*-0.1*
Sodium	*10.0*	*0.171*	*2*
Strontium	*0.500*	*-0.0091*	*-2*
Thallium	*1.00*	*-0.0182*	*-2*
Tin	*1.00*	*0.0017*	*0.2*
Titanium	*1.00*	*-0.0038*	*-0.4*
Vanadium	*1.00*	*0.0030*	*0.3*
Zinc	*1.00*	*-0.0003*	*-0.03*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-73061/2-A

Lab Name: TestAmerica Houston Job No.: 600-50964-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	144	148.4		103	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-73114/2-A

Lab Name: TestAmerica Houston Job No.: 600-50964-1

Sample Matrix: Water LCS Source: METSPIKEA_00011

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	1.00	0.9392		94	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-50964-1

SDG Number:

Matrix: Water Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.01	0.0029

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-50964-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.01	0.0029

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-50964-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-50964-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-50964-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-50964-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Lead		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-73061/1-A	02/23/2012 11:52	73061	1.00		50
LCS 600-73061/2-A	02/23/2012 11:52	73061	0.50		50
600-50964-1	02/23/2012 11:52	73061	1.05		50
600-50964-2	02/23/2012 11:52	73061	1.03		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-73114/1-A	02/24/2012 05:03	73114		50	50
LCS 600-73114/2-A	02/24/2012 05:03	73114		50	50
600-50964-3	02/24/2012 05:03	73114		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 02/27/2012 08:43 End Date: 02/27/2012 17:44

Lab Sample ID	D / F	Type	Time	Analytes																				
				Pb																				
RINSE 600-73279/1			08:43																					
RINSE 600-73279/2			08:46																					
ZZZZZZ			08:49																					
ZZZZZZ			08:51																					
CALIBSTD 600-73279/5 IC			08:54	X																				
CALIBSTD 600-73279/6 IC			08:56	X																				
CALIBSTD 600-73279/7 IC			08:59	X																				
CALIBSTD 600-73279/8 IC			09:01	X																				
ICV 600-73279/9	1		09:04	X																				
ZZZZZZ			09:06																					
ICB 600-73279/11	1		09:09	X																				
ICSA 600-73279/12	1		09:11	X																				
ICSAB 600-73279/13	1		09:14	X																				
CCV 600-73279/14			09:16																					
ZZZZZZ			09:19																					
CCB 600-73279/16			09:21																					
ZZZZZZ			09:24																					
ZZZZZZ			09:27																					
ZZZZZZ			09:29																					
ZZZZZZ			09:32																					
ZZZZZZ			09:34																					
ZZZZZZ			09:37																					
ZZZZZZ			09:40																					
ZZZZZZ			09:42																					
ZZZZZZ			09:45																					
ZZZZZZ			09:48																					
CCV 600-73279/27			09:51																					
ZZZZZZ			09:53																					
CCB 600-73279/29			09:56																					
ZZZZZZ			09:58																					
ZZZZZZ			10:01																					
ZZZZZZ			10:04																					
ZZZZZZ			10:07																					
ZZZZZZ			10:09																					
ZZZZZZ			10:12																					
ZZZZZZ			10:15																					
ZZZZZZ			10:17																					
ZZZZZZ			10:20																					
ZZZZZZ			10:22																					
CCV 600-73279/40			10:25																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 02/27/2012 08:43 End Date: 02/27/2012 17:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			10:28																				
CCB 600-73279/42			10:30																				
ZZZZZZ			10:33																				
ZZZZZZ			10:36																				
ZZZZZZ			10:38																				
ZZZZZZ			10:41																				
ZZZZZZ			10:44																				
ZZZZZZ			10:46																				
CCV 600-73279/49	1		10:49	X																			
ZZZZZZ			10:51																				
CCB 600-73279/51	1		10:54	X																			
MB 600-73114/1-A	1	T	12:08	X																			
LCS 600-73114/2-A	1	T	12:11	X																			
600-50964-3	1	T	12:13	X																			
ZZZZZZ			12:16																				
ZZZZZZ			12:19																				
ZZZZZZ			12:21																				
ZZZZZZ			12:24																				
ZZZZZZ			12:27																				
ZZZZZZ			12:29																				
ZZZZZZ			12:32																				
CCV 600-73279/62	1		12:34	X																			
ZZZZZZ			12:37																				
CCB 600-73279/64	1		12:39	X																			
ZZZZZZ			12:42																				
ZZZZZZ			12:45																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:53																				
ZZZZZZ			12:55																				
ZZZZZZ			12:58																				
ZZZZZZ			13:00																				
ZZZZZZ			13:03																				
ZZZZZZ			13:05																				
CCV 600-73279/75	1		13:08	X																			
ZZZZZZ			13:10																				
CCB 600-73279/77	1		13:13	X																			
ZZZZZZ			13:15																				
ZZZZZZ			13:18																				
ZZZZZZ			13:20																				
CCV 600-73279/81	1		13:23	X																			
ZZZZZZ			13:25																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 02/27/2012 08:43 End Date: 02/27/2012 17:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCB 600-73279/83	1		13:28	X																			
ICSA 600-73279/84			17:31																				
ICSAB 600-73279/85			17:34																				
CCV 600-73279/86			17:36																				
CCB 600-73279/87			17:38																				
RINSE 600-73279/88			17:41																				
RINSE 600-73279/89			17:44																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 02/24/2012 06:29 End Date: 02/24/2012 13:20

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			06:29																				
STD 600-73163/2 IC			06:33	X																			
ZZZZZZ			06:37																				
ICV 600-73163/4	1		06:41	X																			
ICB 600-73163/5	1		06:45	X																			
CRI 600-73163/6	1		06:48	X																			
ICSA 600-73163/7	1		06:52	X																			
ICSAB 600-73163/8	1		06:56	X																			
CCV 600-73163/9			07:00																				
CCB 600-73163/10			07:04																				
ZZZZZZ			07:08																				
ZZZZZZ			07:12																				
ZZZZZZ			07:15																				
ZZZZZZ			07:19																				
ZZZZZZ			07:23																				
ZZZZZZ			07:27																				
ZZZZZZ			07:31																				
ZZZZZZ			07:35																				
ZZZZZZ			07:39																				
ZZZZZZ			07:42																				
CCV 600-73163/21			07:46																				
CCB 600-73163/22			07:50																				
ZZZZZZ			07:54																				
ZZZZZZ			07:58																				
ZZZZZZ			08:02																				
ZZZZZZ			08:05																				
ZZZZZZ			08:09																				
ZZZZZZ			08:13																				
ZZZZZZ			08:17																				
ZZZZZZ			08:21																				
ZZZZZZ			08:25																				
CCV 600-73163/32			08:29																				
CCB 600-73163/33			08:33																				
ZZZZZZ			08:37																				
ZZZZZZ			08:41																				
CCV 600-73163/36	1		08:45	X																			
CCB 600-73163/37	1		08:49	X																			
MB 600-73061/1-A	1	T	08:53	X																			
LCS 600-73061/2-A	1	T	08:56	X																			
ZZZZZZ			09:00																				
ZZZZZZ			09:04																				
ZZZZZZ			09:08																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 02/24/2012 06:29 End Date: 02/24/2012 13:20

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			09:12																				
ZZZZZZ			09:16																				
ZZZZZZ			09:20																				
ZZZZZZ			09:23																				
ZZZZZZ			09:27																				
CCV 600-73163/48	1		09:31	X																			
CCB 600-73163/49	1		09:35	X																			
ZZZZZZ			09:42																				
ZZZZZZ			09:46																				
ZZZZZZ			09:50																				
ZZZZZZ			09:54																				
ZZZZZZ			09:58																				
ZZZZZZ			10:02																				
ZZZZZZ			10:05																				
ZZZZZZ			10:09																				
ZZZZZZ			10:13																				
ZZZZZZ			10:17																				
CCV 600-73163/60	1		10:21	X																			
CCB 600-73163/61	1		10:25	X																			
ZZZZZZ			10:29																				
ZZZZZZ			10:33																				
ZZZZZZ			10:37																				
ZZZZZZ			10:41																				
ZZZZZZ			10:45																				
ZZZZZZ			10:49																				
600-50964-1	1	T	10:53	X																			
600-50964-2	1	T	10:56	X																			
ZZZZZZ			11:00																				
ZZZZZZ			11:04																				
CCV 600-73163/72	1		11:08	X																			
CCB 600-73163/73	1		11:12	X																			
ZZZZZZ			11:17																				
ZZZZZZ			11:20																				
ZZZZZZ			11:24																				
ZZZZZZ			11:28																				
ZZZZZZ			11:32																				
ZZZZZZ			11:36																				
ZZZZZZ			11:40																				
ZZZZZZ			11:43																				
ZZZZZZ			11:47																				
ZZZZZZ			11:51																				
CCV 600-73163/84			11:55																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 02/24/2012 06:29 End Date: 02/24/2012 13:20

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCB 600-73163/85			12:02																				
ZZZZZZ			12:06																				
ZZZZZZ			12:10																				
ZZZZZZ			12:15																				
ZZZZZZ			12:18																				
ZZZZZZ			12:22																				
ZZZZZZ			12:26																				
ZZZZZZ			12:30																				
ZZZZZZ			12:34																				
ZZZZZZ			12:38																				
ZZZZZZ			12:42																				
CCV 600-73163/96			12:45																				
CCB 600-73163/97			12:49																				
ZZZZZZ			12:53																				
ZZZZZZ			12:57																				
CRI 600-73163/100	1		13:01	X																			
ICSA 600-73163/101	1		13:05	X																			
ICSAB 600-73163/102	1		13:09	X																			
CCV 600-73163/103			13:12																				
CCB 600-73163/104			13:20																				

Prep Types

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v698)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 8:43:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0006	209.1	0.0007	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0171	0.0075	43.77	0.0118	0.0224
As1890	189.042 {4	Y_2243	ppm	0.0005	0.001	202.6	0.0012	-0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0022	0.0036	164.4	0.0048	-0.0004
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0003	122.1	0.0005	0
Be3130	313.042 {1	Y_3710	ppm	-0.0002	0	18.91	-0.0002	-0.0002
Ca3158	315.887 {1	In2306	ppm	-0.0084	0.0004	4.774	-0.0081	-0.0087
Ca3181	318.128 {1	In2306	ppm	-0.0118	0.0492	417.2	-0.0466	0.023
Cd2288	228.802 {4	Y_2243	ppm	0	0	96.54	-0.0001	0
Co2286	228.616 {4	In2306	ppm	-0.0003	0.0003	109.5	-0.0001	-0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	29.5	0.0002	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0042	0.0004	8.603	0.0045	0.004
Fe2404	240.488 {1	In2306	ppm	-0.0012	0.0037	296.2	0.0014	-0.0038
K_7664	766.490 { 4	Y_3710	ppm	-0.0073	0.0006	7.576	-0.0069	-0.0077
K_7698	769.896 { 4	Y_3710	ppm	0.0887	0.0339	38.21	0.1127	0.0648
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0001	44.06	0.0002	0.0003
Mg2790	279.079 {1	Y_3710	ppm	0.025	0.038	152.2	-0.0019	0.0519
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	769.8	0	0
Mn2576-2	257.610 {1	Y_3710	ppm	0	0.0002	27330	0.0001	-0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0002	46.36	0.0003	0.0005
Na5895	589.592 { 5	Y_3710	ppm	-0.0027	0.0061	223.7	-0.007	0.0016
Na8183	818.326 { 4	Y_3710	ppm	-0.202	0.002	0.9997	-0.2034	-0.2006
Ni2316	231.604 {4	In2306	ppm	-0.0005	0.0001	16.91	-0.0004	-0.0005
P_1782	178.284 {4	In2306	ppm	-0.0013	0.0008	57.4	-0.0008	-0.0019
Pb2203	220.353 {4	In2306	ppm	-0.0011	0.0005	48.36	-0.0015	-0.0007
S_1820	182.034 {4	Y_2243	ppm	1.065	0.8446	79.3	1.662	0.4679
Sb2068	206.833 {4	Y_2243	ppm	0.0024	0.001	42.87	0.0017	0.0032
Se1960	196.090 {4	Y_2243	ppm	0.0004	0.0014	373	-0.0006	0.0014
Si2516	251.611 {1	Y_3710	ppm	0	0.0061	12510	-0.0044	0.0043
Sn1899	189.989 {4	In2306	ppm	0.001	0.0004	38.73	0.0007	0.0013
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0.0002	300.8	-0.0002	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0006	483.7	-0.0003	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0004	0.0005	149.1	0	0.0007
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0001	39.05	-0.0004	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0007	0.0002	25.82	0.0006	0.0008

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	224.41	0.15141	0.06747	224.3	224.52
In2306	230.606 {4	Cts/S	5233.8	3.7403	0.07147	5231.1	5236.4
Y_2243	224.306 {4	Cts/S	7299.1	4.9319	0.06757	7302.6	7295.6
Y_3600	360.073 { 9	Cts/S	97269	257.49	0.26472	97451	97087
Y_3710	371.030 { 9	Cts/S	9262.4	11.78	0.12718	9254.1	9270.8

[Sample Header]
Method=ICP6500Metals_TRY3(v698)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 8:46:37
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0002	74.66	-0.0005	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0142	0.0237	166.4	-0.0025	0.031
As1890	189.042 {4	Y_2243	ppm	0.0006	0.0003	49.09	0.0004	0.0008
B_2496	249.678 {1	Y_3710	ppm	0.0036	0.0014	39.26	0.0045	0.0026
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	41.68	0.0001	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	500.2	0.0001	0
Ca3158	315.887 {1	In2306	ppm	-0.0045	0.0015	32.32	-0.0035	-0.0056
Ca3181	318.128 {1	In2306	ppm	-0.0364	0.0317	87.12	-0.0588	-0.014
Cd2288	228.802 {4	Y_2243	ppm	0	0	188.8	0	0
Co2286	228.616 {4	In2306	ppm	0	0.0001	395.8	0.0001	-0.0001
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0005	606.1	-0.0004	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0035	0.0001	1.546	0.0035	0.0036
Fe2404	240.488 {1	In2306	ppm	0.0015	0.003	206.6	0.0036	-0.0007
K_7664	766.490 { 4	Y_3710	ppm	0.0004	0.0123	2802	-0.0083	0.0092
K_7698	769.896 { 4	Y_3710	ppm	0.1083	0.0395	36.43	0.1363	0.0804
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0004	78.53	0.0002	0.0008
Mg2790	279.079 {1	Y_3710	ppm	0.0129	0.0129	99.94	0.0038	0.0221
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	46.64	0	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0008	0.0004	52.65	-0.001	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0.0003	338	0.0001	-0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0038	0.006	157.2	-0.0004	0.008
Na8183	818.326 { 4	Y_3710	ppm	-0.0779	0.1043	133.9	-0.0042	-0.1516
Ni2316	231.604 {4	In2306	ppm	-0.0004	0.0002	52.59	-0.0002	-0.0005
P_1782	178.284 {4	In2306	ppm	-0.0005	0.0002	37.11	-0.0003	-0.0006
Pb2203	220.353 {4	In2306	ppm	-0.0006	0.0008	130.9	0	-0.0012
S_1820	182.034 {4	Y_2243	ppm	0.1789	0.8229	460.1	-0.403	0.7608
Sb2068	206.833 {4	Y_2243	ppm	0.0017	0.0002	13.59	0.0015	0.0019
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0009	366.5	-0.0004	0.0009
Si2516	251.611 {1	Y_3710	ppm	0.0054	0.0001	1.663	0.0053	0.0054
Sn1899	189.989 {4	In2306	ppm	0.0007	0.0005	71.98	0.001	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	-0.0001	0	28.17	-0.0001	-0.0002
Ti3349	334.904 {1	Y_3600	ppm	0	0.0004	916.2	0.0003	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0032	0.0007	21.96	0.0037	0.0027
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0001	29.08	-0.0002	-0.0002
Zn2062	206.200 {4	In2306	ppm	0.0003	0.0002	58.78	0.0002	0.0004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	230.2	5.9692	2.593	225.98	234.42
In2306	230.606 {4	Cts/S	5252.9	16.563	0.31531	5264.6	5241.2
Y_2243	224.306 {4	Cts/S	7351.3	19.702	0.26801	7365.2	7337.3
Y_3600	360.073 { 9	Cts/S	97624	272	0.27862	97432	97817
Y_3710	371.030 { 9	Cts/S	9402.8	64.662	0.68769	9357.1	9448.5

[Sample Header]

Method=ICP6500Metals_TRY3(v698)
SampleName=Blank
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 8:49:18
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0	0	72.93	0	0
Al3082	308.215 {1	In2306	Cts/S	0.0549	0.0006	1.147	0.0553	0.0545
As1890	189.042 {4	Y_2243	Cts/S	-0.0002	0.0001	52.41	-0.0002	-0.0001
B_2496	249.678 {1	Y_3710	Cts/S	0.0001	0.0002	180.5	0.0003	0
Ba4554	455.403 { 7	Y_3710	Cts/S	0.0038	0.0005	11.86	0.0041	0.0035
Be3130	313.042 {1	Y_3710	Cts/S	-0.0003	0.0002	74.52	-0.0001	-0.0004
Ca3158	315.887 {1	In2306	Cts/S	-0.0433	0.0099	22.96	-0.0363	-0.0504
Ca3181	318.128 {1	In2306	Cts/S	-0.0013	0.0045	349.5	-0.0045	0.0019
Cd2288	228.802 {4	Y_2243	Cts/S	0.0016	0.0001	7.451	0.0017	0.0016
Co2286	228.616 {4	In2306	Cts/S	-0.0011	0.0001	10.55	-0.001	-0.0012
Cr2677	267.716 {1	Y_3600	Cts/S	0	0	100.2	0	0
Cu3247	324.754 {1	Y_3600	Cts/S	0.0042	0	1.128	0.0043	0.0042
Fe2404	240.488 {1	In2306	Cts/S	0.0107	0.0108	100.4	0.0184	0.0031
K_7664	766.490 { 4	Y_3710	Cts/S	-0.0029	0.001	32.51	-0.0036	-0.0023
K_7698	769.896 { 4	Y_3710	Cts/S	0.0224	0	0.073	0.0224	0.0225
Li6707	670.784 { 5	Y_3710	Cts/S	0.0034	0.0004	11.8	0.0037	0.0032
Mg2790	279.079 {1	Y_3710	Cts/S	-0.0003	0	12.38	-0.0003	-0.0002
Mn2576	257.610 {1	Y_3600	Cts/S	0.0001	0	64.03	0.0001	0
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0001	0.0001	51.58	0.0001	0.0002
Mo2020	202.030 {4	Y_2243	Cts/S	0.0007	0.0001	12.12	0.0006	0.0007
Na5895	589.592 { 5	Y_3710	Cts/S	0.0003	0.0025	758.6	-0.0014	0.0021
Na8183	818.326 { 4	Y_3710	Cts/S	-0.0056	0.0001	1.576	-0.0056	-0.0057
Ni2316	231.604 {4	In2306	Cts/S	0.0004	0.0001	15.43	0.0005	0.0004
P_1782	178.284 {4	In2306	Cts/S	0.0004	0.0001	14.77	0.0004	0.0003
Pb2203	220.353 {4	In2306	Cts/S	-0.0007	0.0003	45.54	-0.0009	-0.0005
S_1820	182.034 {4	Y_2243	Cts/S	-0.0028	0.0001	2.103	-0.0028	-0.0029
Sb2068	206.833 {4	Y_2243	Cts/S	0.0004	0.0001	20.77	0.0003	0.0004
Se1960	196.090 {4	Y_2243	Cts/S	-0.0002	0	18.75	-0.0002	-0.0002
Si2516	251.611 {1	Y_3710	Cts/S	0.0003	0	12.16	0.0003	0.0003
Sn1899	189.989 {4	In2306	Cts/S	0.0006	0.0001	19.37	0.0007	0.0005
Sr4215	421.552 { 8	Y_3710	Cts/S	-0.0006	0	5.98	-0.0006	-0.0006
Ti3349	334.904 {1	Y_3600	Cts/S	0	0	141.4	0	0
Tl1908	190.856 {4	In2306	Cts/S	-0.0005	0	4.838	-0.0005	-0.0006
V_2924	292.402 {1	Y_3600	Cts/S	-0.0002	0	3.178	-0.0002	-0.0002
Zn2062	206.200 {4	In2306	Cts/S	0.0005	0.0001	20.57	0.0005	0.0006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	231.04	0.24821	0.10743	230.86	231.21
In2306	230.606 {4	Cts/S	5243.6	4.4321	0.08452	5240.5	5246.7
Y_2243	224.306 {4	Cts/S	7340.8	9.4585	0.12885	7334.1	7347.5
Y_3600	360.073 { 9	Cts/S	97449	41.106	0.04218	97478	97420
Y_3710	371.030 { 9	Cts/S	9489.6	55.56	0.58548	9528.9	9450.3

[Sample Header]
Method=ICP6500Metals_TRY3(v698)
SampleName=CalibStd-1

Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 8:51:57
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0071	0	0.3403	0.0071	0.0071
Al3082	308.215 {1	In2306	Cts/S	0.4371	0.01	2.289	0.43	0.4442
As1890	189.042 {4	Y_2243	Cts/S	0.0141	0.0002	1.748	0.0143	0.0139
B_2496	249.678 {1	Y_3710	Cts/S	0.0069	0.0001	0.9398	0.0068	0.0069
Ba4554	455.403 { 7	Y_3710	Cts/S	0.4031	0.001	0.2398	0.4024	0.4038
Be3130	313.042 {1	Y_3710	Cts/S	0.2699	0.0012	0.441	0.2708	0.2691
Ca3158	315.887 {1	In2306	Cts/S	1.038	0.0117	1.129	1.03	1.047
Ca3181	318.128 {1	In2306	Cts/S	0.2292	0.0056	2.445	0.2252	0.2331
Cd2288	228.802 {4	Y_2243	Cts/S	0.0748	0.0008	1.022	0.0753	0.0743
Co2286	228.616 {4	In2306	Cts/S	0.1039	0.0013	1.248	0.1048	0.103
Cr2677	267.716 {1	Y_3600	Cts/S	0.0106	0.0001	0.6846	0.0107	0.0106
Cu3247	324.754 {1	Y_3600	Cts/S	0.0291	0.0001	0.2208	0.0291	0.029
Fe2404	240.488 {1	In2306	Cts/S	1.288	0.0169	1.309	1.276	1.3
K_7664	766.490 { 4	Y_3710	Cts/S	0.0909	0.0001	0.0654	0.091	0.0909
K_7698	769.896 { 4	Y_3710	Cts/S	0.0608	0.0006	1.056	0.0613	0.0604
Li6707	670.784 { 5	Y_3710	Cts/S	0.4156	0.0009	0.2177	0.4162	0.4149
Mg2790	279.079 {1	Y_3710	Cts/S	0.0076	0.0002	2.435	0.0077	0.0074
Mn2576	257.610 {1	Y_3600	Cts/S	0.075	0.0002	0.3289	0.0751	0.0748
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0375	0.0001	0.3995	0.0376	0.0374
Mo2020	202.030 {4	Y_2243	Cts/S	0.0432	0.0005	1.236	0.0435	0.0428
Na5895	589.592 { 5	Y_3710	Cts/S	0.3345	0.0019	0.56	0.3358	0.3332
Na8183	818.326 { 4	Y_3710	Cts/S	0.0073	0.0016	22.19	0.0085	0.0062
Ni2316	231.604 {4	In2306	Cts/S	0.063	0.0005	0.8686	0.0633	0.0626
P_1782	178.284 {4	In2306	Cts/S	0.0169	0.0001	0.6193	0.017	0.0168
Pb2203	220.353 {4	In2306	Cts/S	0.0174	0.0003	1.873	0.0177	0.0172
S_1820	182.034 {4	Y_2243	Cts/S	-0.0022	0	1.421	-0.0022	-0.0022
Sb2068	206.833 {4	Y_2243	Cts/S	0.0102	0.0002	1.887	0.0103	0.0101
Se1960	196.090 {4	Y_2243	Cts/S	0.0115	0.0002	1.354	0.0116	0.0114
Si2516	251.611 {1	Y_3710	Cts/S	0.003	0.0002	5.969	0.0029	0.0031
Sn1899	189.989 {4	In2306	Cts/S	0.027	0.0005	1.668	0.0273	0.0267
Sr4215	421.552 { 8	Y_3710	Cts/S	0.2688	0.0004	0.1468	0.2691	0.2685
Ti3349	334.904 {1	Y_3600	Cts/S	0.0172	0	0.2538	0.0171	0.0172
Tl1908	190.856 {4	In2306	Cts/S	0.0068	0.0002	3.166	0.007	0.0067
V_2924	292.402 {1	Y_3600	Cts/S	0.0157	0.0001	0.3477	0.0157	0.0156
Zn2062	206.200 {4	In2306	Cts/S	0.1631	0.0022	1.366	0.1647	0.1615

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	232.95	1.8923	0.81234	234.29	231.61
In2306	230.606 {4	Cts/S	5269.6	11.156	0.21171	5277.5	5261.7
Y_2243	224.306 {4	Cts/S	7391.7	21.595	0.29214	7407	7376.5
Y_3600	360.073 { 9	Cts/S	98023	92.161	0.09402	98088	97958
Y_3710	371.030 { 9	Cts/S	9521	53.592	0.56288	9483.1	9558.9

[Sample Header]
Method=ICP6500Metals_TRY3(v698)
SampleName=CalibStd-2
Username=admin
Comment=

Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 8:54:28
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0145	0.0002	1.164	0.0146	0.0144
Al3082	308.215 {1	In2306	Cts/S	0.8163	0.0132	1.622	0.8069	0.8257
As1890	189.042 {4	Y_2243	Cts/S	0.0294	0.0003	0.9104	0.0296	0.0292
B_2496	249.678 {1	Y_3710	Cts/S	0.0137	0.0002	1.47	0.0136	0.0139
Ba4554	455.403 { 7	Y_3710	Cts/S	0.8193	0.0109	1.335	0.8116	0.827
Be3130	313.042 {1	Y_3710	Cts/S	0.5451	0.0038	0.6999	0.5424	0.5478
Ca3158	315.887 {1	In2306	Cts/S	2.124	0.0244	1.15	2.106	2.141
Ca3181	318.128 {1	In2306	Cts/S	0.4508	0.002	0.439	0.4494	0.4522
Cd2288	228.802 {4	Y_2243	Cts/S	0.1501	0.0017	1.107	0.1513	0.149
Co2286	228.616 {4	In2306	Cts/S	0.2115	0.0021	0.9756	0.213	0.2101
Cr2677	267.716 {1	Y_3600	Cts/S	0.0213	0.0001	0.3804	0.0214	0.0213
Cu3247	324.754 {1	Y_3600	Cts/S	0.0534	0.0004	0.6647	0.0537	0.0531
Fe2404	240.488 {1	In2306	Cts/S	2.617	0.0538	2.055	2.579	2.655
K_7664	766.490 { 4	Y_3710	Cts/S	0.1831	0.0005	0.2561	0.1827	0.1834
K_7698	769.896 { 4	Y_3710	Cts/S	0.0987	0.0017	1.688	0.0975	0.0999
Li6707	670.784 { 5	Y_3710	Cts/S	0.8364	0.0106	1.27	0.8289	0.8439
Mg2790	279.079 {1	Y_3710	Cts/S	0.0155	0	0.0349	0.0155	0.0155
Mn2576	257.610 {1	Y_3600	Cts/S	0.1502	0.0006	0.4288	0.1507	0.1498
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.0767	0.0006	0.7438	0.0763	0.0771
Mo2020	202.030 {4	Y_2243	Cts/S	0.0881	0.0014	1.571	0.0891	0.0871
Na5895	589.592 { 5	Y_3710	Cts/S	0.668	0.0084	1.263	0.662	0.674
Na8183	818.326 { 4	Y_3710	Cts/S	0.0252	0.0013	5.135	0.0261	0.0243
Ni2316	231.604 {4	In2306	Cts/S	0.1267	0.0012	0.9541	0.1276	0.1259
P_1782	178.284 {4	In2306	Cts/S	0.0338	0.0007	1.942	0.0343	0.0333
Pb2203	220.353 {4	In2306	Cts/S	0.0359	0.0005	1.372	0.0362	0.0355
S_1820	182.034 {4	Y_2243	Cts/S	-0.0028	0.0001	4.942	-0.0029	-0.0027
Sb2068	206.833 {4	Y_2243	Cts/S	0.0205	0.0003	1.651	0.0208	0.0203
Se1960	196.090 {4	Y_2243	Cts/S	0.0234	0.0004	1.782	0.0237	0.0231
Si2516	251.611 {1	Y_3710	Cts/S	0.0056	0.0001	0.9831	0.0056	0.0056
Sn1899	189.989 {4	In2306	Cts/S	0.0547	0.0003	0.6273	0.0549	0.0544
Sr4215	421.552 { 8	Y_3710	Cts/S	0.5477	0.0053	0.9722	0.544	0.5515
Ti3349	334.904 {1	Y_3600	Cts/S	0.0345	0.0003	0.7563	0.0347	0.0344
Tl1908	190.856 {4	In2306	Cts/S	0.0154	0.0005	3.054	0.0158	0.0151
V_2924	292.402 {1	Y_3600	Cts/S	0.0313	0.0002	0.6275	0.0315	0.0312
Zn2062	206.200 {4	In2306	Cts/S	0.3232	0.0024	0.7392	0.3249	0.3215

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	233.07	4.6817	2.0087	236.38	229.76
In2306	230.606 {4	Cts/S	5252.7	43.395	0.82615	5222	5283.4
Y_2243	224.306 {4	Cts/S	7347.4	79.414	1.0808	7291.2	7403.5
Y_3600	360.073 { 9	Cts/S	97089	582.66	0.60013	96677	97501
Y_3710	371.030 { 9	Cts/S	9427.6	84.119	0.89227	9487.1	9368.1

[Sample Header]
Method=ICP6500Metals_TRY3(v698)
SampleName=CalibStd-3
Username=admin
Comment=
Custom ID1=
Custom ID2=

Custom ID3=
Run Time=2/27/2012 8:56:58
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.029	0.0001	0.2281	0.029	0.029
Al3082	308.215 {1	In2306	Cts/S	1.601	0.0153	0.953	1.612	1.59
As1890	189.042 {4	Y_2243	Cts/S	0.0598	0.0004	0.5937	0.0601	0.0596
B_2496	249.678 {1	Y_3710	Cts/S	0.0274	0.0002	0.5524	0.0273	0.0275
Ba4554	455.403 { 7	Y_3710	Cts/S	1.654	0.0058	0.3481	1.65	1.658
Be3130	313.042 {1	Y_3710	Cts/S	1.102	0.0022	0.2024	1.1	1.104
Ca3158	315.887 {1	In2306	Cts/S	4.286	0.0039	0.09	4.283	4.289
Ca3181	318.128 {1	In2306	Cts/S	0.9161	0.0018	0.1934	0.9173	0.9148
Cd2288	228.802 {4	Y_2243	Cts/S	0.2979	0.002	0.6766	0.2994	0.2965
Co2286	228.616 {4	In2306	Cts/S	0.4211	0.0029	0.6952	0.4231	0.419
Cr2677	267.716 {1	Y_3600	Cts/S	0.0427	0	0.0283	0.0427	0.0428
Cu3247	324.754 {1	Y_3600	Cts/S	0.103	0.0004	0.3502	0.1033	0.1028
Fe2404	240.488 {1	In2306	Cts/S	5.235	0.0049	0.0945	5.239	5.232
K_7664	766.490 { 4	Y_3710	Cts/S	0.377	0.0028	0.7456	0.379	0.375
K_7698	769.896 { 4	Y_3710	Cts/S	0.1814	0.0011	0.5932	0.1822	0.1806
Li6707	670.784 { 5	Y_3710	Cts/S	1.707	0.0215	1.259	1.723	1.692
Mg2790	279.079 {1	Y_3710	Cts/S	0.0316	0.0001	0.3589	0.0315	0.0317
Mn2576	257.610 {1	Y_3600	Cts/S	0.2981	0.0009	0.3048	0.2988	0.2975
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.1543	0.0003	0.1701	0.1541	0.1544
Mo2020	202.030 {4	Y_2243	Cts/S	0.1742	0.002	1.127	0.1756	0.1728
Na5895	589.592 { 5	Y_3710	Cts/S	1.354	0.0105	0.7788	1.362	1.347
Na8183	818.326 { 4	Y_3710	Cts/S	0.0543	0.0019	3.466	0.053	0.0557
Ni2316	231.604 {4	In2306	Cts/S	0.2519	0.0014	0.5501	0.2529	0.2509
P_1782	178.284 {4	In2306	Cts/S	0.0664	0.0004	0.6226	0.0667	0.0661
Pb2203	220.353 {4	In2306	Cts/S	0.0725	0.0007	0.9961	0.073	0.072
S_1820	182.034 {4	Y_2243	Cts/S	-0.0029	0	1.02	-0.0029	-0.0029
Sb2068	206.833 {4	Y_2243	Cts/S	0.0407	0.0005	1.27	0.0411	0.0403
Se1960	196.090 {4	Y_2243	Cts/S	0.0468	0.0003	0.7056	0.0471	0.0466
Si2516	251.611 {1	Y_3710	Cts/S	0.0113	0.0003	2.668	0.0111	0.0115
Sn1899	189.989 {4	In2306	Cts/S	0.1075	0.0006	0.5738	0.108	0.1071
Sr4215	421.552 { 8	Y_3710	Cts/S	1.105	0.0033	0.2963	1.102	1.107
Ti3349	334.904 {1	Y_3600	Cts/S	0.0699	0.0005	0.657	0.0702	0.0696
Tl1908	190.856 {4	In2306	Cts/S	0.0321	0.0005	1.535	0.0324	0.0317
V_2924	292.402 {1	Y_3600	Cts/S	0.0636	0.0001	0.082	0.0636	0.0635
Zn2062	206.200 {4	In2306	Cts/S	0.6346	0.0023	0.364	0.6362	0.633

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	232.05	2.0696	0.89191	230.58	233.51
In2306	230.606 {4	Cts/S	5299.2	20.152	0.38028	5285	5313.5
Y_2243	224.306 {4	Cts/S	7376.2	33.581	0.45526	7352.5	7399.9
Y_3600	360.073 { 9	Cts/S	96234	316.61	0.329	96010	96458
Y_3710	371.030 { 9	Cts/S	9348.3	34.031	0.36404	9324.2	9372.3

[Sample Header]
Method=ICP6500Metals_TRY3(v698)
SampleName=CalibStd-4
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 8:59:23

Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.0577	0.0001	0.1707	0.0577	0.0576
Al3082	308.215 {1	In2306	Cts/S	3.219	0.0554	1.722	3.258	3.18
As1890	189.042 {4	Y_2243	Cts/S	0.1209	0.0006	0.4951	0.1213	0.1205
B_2496	249.678 {1	Y_3710	Cts/S	0.0552	0.0004	0.6531	0.0555	0.055
Ba4554	455.403 { 7	Y_3710	Cts/S	3.365	0.0533	1.582	3.403	3.327
Be3130	313.042 {1	Y_3710	Cts/S	2.216	0.02	0.9005	2.23	2.202
Ca3158	315.887 {1	In2306	Cts/S	8.719	0.0562	0.6451	8.679	8.759
Ca3181	318.128 {1	In2306	Cts/S	1.889	0.0077	0.4076	1.895	1.884
Cd2288	228.802 {4	Y_2243	Cts/S	0.5969	0.0022	0.3715	0.5984	0.5953
Co2286	228.616 {4	In2306	Cts/S	0.8438	0.0041	0.4912	0.8467	0.8409
Cr2677	267.716 {1	Y_3600	Cts/S	0.0851	0.0002	0.234	0.0852	0.0849
Cu3247	324.754 {1	Y_3600	Cts/S	0.202	0.0005	0.2376	0.2024	0.2017
Fe2404	240.488 {1	In2306	Cts/S	10.6	0.0991	0.9349	10.67	10.53
K_7664	766.490 { 4	Y_3710	Cts/S	0.7736	0.0152	1.971	0.7844	0.7628
K_7698	769.896 { 4	Y_3710	Cts/S	0.3441	0.0028	0.8262	0.3461	0.3421
Li6707	670.784 { 5	Y_3710	Cts/S	3.512	0.0755	2.148	3.566	3.459
Mg2790	279.079 {1	Y_3710	Cts/S	0.0637	0.0002	0.3148	0.0635	0.0638
Mn2576	257.610 {1	Y_3600	Cts/S	0.5909	0.0017	0.2794	0.5921	0.5897
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.31	0.0008	0.2579	0.3105	0.3094
Mo2020	202.030 {4	Y_2243	Cts/S	0.3495	0.0015	0.4379	0.3506	0.3484
Na5895	589.592 { 5	Y_3710	Cts/S	2.769	0.0473	1.709	2.802	2.735
Na8183	818.326 { 4	Y_3710	Cts/S	0.1143	0.0024	2.082	0.116	0.1127
Ni2316	231.604 {4	In2306	Cts/S	0.5039	0.003	0.6006	0.506	0.5017
P_1782	178.284 {4	In2306	Cts/S	0.1323	0.0009	0.7046	0.1329	0.1316
Pb2203	220.353 {4	In2306	Cts/S	0.1467	0.0007	0.4772	0.1472	0.1462
S_1820	182.034 {4	Y_2243	Cts/S	-0.0029	0.0001	3.108	-0.0029	-0.003
Sb2068	206.833 {4	Y_2243	Cts/S	0.0819	0.0001	0.1765	0.082	0.0818
Se1960	196.090 {4	Y_2243	Cts/S	0.0946	0.0002	0.2023	0.0945	0.0947
Si2516	251.611 {1	Y_3710	Cts/S	0.023	0.0006	2.802	0.0225	0.0234
Sn1899	189.989 {4	In2306	Cts/S	0.2153	0.0018	0.8423	0.2166	0.214
Sr4215	421.552 { 8	Y_3710	Cts/S	2.235	0.028	1.252	2.255	2.215
Ti3349	334.904 {1	Y_3600	Cts/S	0.1393	0.0005	0.3736	0.1397	0.139
Tl1908	190.856 {4	In2306	Cts/S	0.0664	0.0009	1.289	0.067	0.0657
V_2924	292.402 {1	Y_3600	Cts/S	0.1276	0.0002	0.1687	0.1277	0.1274
Zn2062	206.200 {4	In2306	Cts/S	1.263	0.0078	0.6135	1.269	1.258

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	227.91	3.5751	1.5687	225.38	230.43
In2306	230.606 {4	Cts/S	5325.2	15.189	0.28522	5314.4	5335.9
Y_2243	224.306 {4	Cts/S	7369.8	12.139	0.16472	7361.2	7378.3
Y_3600	360.073 { 9	Cts/S	95786	30.852	0.03221	95764	95808
Y_3710	371.030 { 9	Cts/S	9262.2	94.86	1.0242	9195.1	9329.2

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Sample Type=Cal
Mode=IR

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	Cts/S	0.1157	0.0007	0.6092	0.1153	0.1162
Al3082	308.215 {1	In2306	Cts/S	6.265	0.018	0.2872	6.252	6.278
As1890	189.042 {4	Y_2243	Cts/S	0.2441	0.0014	0.5751	0.2451	0.2431
B_2496	249.678 {1	Y_3710	Cts/S	0.1093	0.0009	0.8048	0.1087	0.11
Ba4554	455.403 { 7	Y_3710	Cts/S	6.739	0.038	0.5632	6.713	6.766
Be3130	313.042 {1	Y_3710	Cts/S	4.384	0.0015	0.0332	4.385	4.383
Ca3158	315.887 {1	In2306	Cts/S	17.33	0.326	1.881	17.56	17.1
Ca3181	318.128 {1	In2306	Cts/S	3.697	0.0765	2.069	3.751	3.643
Cd2288	228.802 {4	Y_2243	Cts/S	1.196	0.0045	0.3736	1.199	1.193
Co2286	228.616 {4	In2306	Cts/S	1.682	0.0055	0.3289	1.685	1.678
Cr2677	267.716 {1	Y_3600	Cts/S	0.1682	0.0016	0.9637	0.167	0.1693
Cu3247	324.754 {1	Y_3600	Cts/S	0.3998	0.0002	0.0571	0.3996	0.4
Fe2404	240.488 {1	In2306	Cts/S	20.68	0.3452	1.669	20.93	20.44
K_7664	766.490 { 4	Y_3710	Cts/S	1.541	0.0237	1.54	1.524	1.558
K_7698	769.896 { 4	Y_3710	Cts/S	0.6725	0.0101	1.498	0.6654	0.6796
Li6707	670.784 { 5	Y_3710	Cts/S	7.031	0.2139	3.042	6.88	7.182
Mg2790	279.079 {1	Y_3710	Cts/S	0.1274	0.0017	1.368	0.1286	0.1261
Mn2576	257.610 {1	Y_3600	Cts/S	1.165	0.0115	0.9908	1.157	1.173
Mn2576-2	257.610 {1	Y_3710	Cts/S	0.6159	0.0077	1.25	0.6213	0.6104
Mo2020	202.030 {4	Y_2243	Cts/S	0.7046	0.0019	0.2658	0.7059	0.7033
Na5895	589.592 { 5	Y_3710	Cts/S	5.514	0.1205	2.186	5.429	5.6
Na8183	818.326 { 4	Y_3710	Cts/S	0.2325	0.0026	1.098	0.2307	0.2343
Ni2316	231.604 {4	In2306	Cts/S	1.009	0.0031	0.3061	1.011	1.007
P_1782	178.284 {4	In2306	Cts/S	0.2609	0.0004	0.1387	0.2612	0.2607
Pb2203	220.353 {4	In2306	Cts/S	0.2978	0.0008	0.285	0.2984	0.2972
Sb2068	206.833 {4	Y_2243	Cts/S	0.1662	0.0008	0.4823	0.1668	0.1656
Se1960	196.090 {4	Y_2243	Cts/S	0.1905	0.0005	0.2802	0.1908	0.1901
Si2516	251.611 {1	Y_3710	Cts/S	0.0475	0.001	2.203	0.0467	0.0482
Sn1899	189.989 {4	In2306	Cts/S	0.4301	0.0019	0.4385	0.4314	0.4288
Sr4215	421.552 { 8	Y_3710	Cts/S	4.447	0.0128	0.2876	4.438	4.456
Ti3349	334.904 {1	Y_3600	Cts/S	0.2757	0.0018	0.6407	0.2745	0.277
Tl1908	190.856 {4	In2306	Cts/S	0.1383	0.0007	0.5207	0.1388	0.1378
V_2924	292.402 {1	Y_3600	Cts/S	0.2526	0.0019	0.7429	0.2513	0.254
Zn2062	206.200 {4	In2306	Cts/S	2.481	0.0006	0.0257	2.48	2.481

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	232.13	0.82848	0.35689	232.72	231.55
In2306	230.606 {4	Cts/S	5367.3	17.016	0.31703	5355.3	5379.3
Y_2243	224.306 {4	Cts/S	7353.4	35.046	0.4766	7328.6	7378.2
Y_3600	360.073 { 9	Cts/S	94780	92.552	0.09765	94845	94714
Y_3710	371.030 { 9	Cts/S	9259.9	57.323	0.61904	9300.5	9219.4

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2403	0.0006	0.2387	0.2407	0.2399
Al3082	308.215 {1	In2306	ppm	2.388	0.0094	0.3925	2.381	2.394
As1890	189.042 {4	Y_2243	ppm	0.4842	0.0007	0.1416	0.4847	0.4837
B_2496	249.678 {1	Y_3710	ppm	0.4814	0.0055	1.142	0.4775	0.4853
Ba4554	455.403 { 7	Y_3710	ppm	0.4729	0.0057	1.209	0.4688	0.4769
Be3130	313.042 {1	Y_3710	ppm	0.4856	0.0018	0.3701	0.4843	0.4869
Ca3158	315.887 {1	In2306	ppm	12.17	0.007	0.0572	12.17	12.16
Ca3181	318.128 {1	In2306	ppm	12.07	0.103	0.8528	12	12.15
Cd2288	228.802 {4	Y_2243	ppm	0.4784	0.0006	0.1186	0.478	0.4788
Co2286	228.616 {4	In2306	ppm	0.4889	0.0021	0.4252	0.4874	0.4903
Cr2677	267.716 {1	Y_3600	ppm	0.4842	0.0008	0.1653	0.4848	0.4836
Cu3247	324.754 {1	Y_3600	ppm	0.4812	0.0003	0.0667	0.4809	0.4814
Fe2404	240.488 {1	In2306	ppm	2.43	0.0015	0.0623	2.431	2.429
K_7664	766.490 { 4	Y_3710	ppm	11.98	0.0779	0.6504	11.93	12.04
K_7698	769.896 { 4	Y_3710	ppm	11.97	0.0859	0.7173	11.91	12.03
Li6707	670.784 { 5	Y_3710	ppm	0.4782	0.0033	0.6946	0.4758	0.4805
Mg2790	279.079 {1	Y_3710	ppm	4.803	0.0478	0.9947	4.77	4.837
Mn2576	257.610 {1	Y_3600	ppm	0.4797	0.0019	0.3948	0.4811	0.4784
Mn2576-2	257.610 {1	Y_3710	ppm	0.4723	0.0004	0.0895	0.472	0.4726
Mo2020	202.030 {4	Y_2243	ppm	0.4974	0.0023	0.4577	0.4958	0.499
Na5895	589.592 { 5	Y_3710	ppm	12.01	0.0679	0.5653	11.96	12.06
Na8183	818.326 { 4	Y_3710	ppm	12.13	0.0981	0.8083	12.06	12.2
Ni2316	231.604 {4	In2306	ppm	0.4852	0.0033	0.6825	0.4829	0.4876
P_1782	178.284 {4	In2306	ppm	0.0009	0.0017	185.2	-0.0003	0.0022
Pb2203	220.353 {4	In2306	ppm	0.4836	0.0012	0.2532	0.4827	0.4844
S_1820	182.034 {4	Y_2243	ppm	220.3	0.3306	0.1501	220	220.5
Sb2068	206.833 {4	Y_2243	ppm	0.4883	0.0017	0.3457	0.4871	0.4895
Se1960	196.090 {4	Y_2243	ppm	0.4949	0.0017	0.353	0.4937	0.4961
Si2516	251.611 {1	Y_3710	ppm	0.8864	0.0126	1.421	0.8775	0.8953
Sn1899	189.989 {4	In2306	ppm	0.4934	0.0033	0.6625	0.4911	0.4957
Sr4215	421.552 { 8	Y_3710	ppm	0.2421	0.0025	1.018	0.2403	0.2438
Ti3349	334.904 {1	Y_3600	ppm	0.4911	0.0017	0.34	0.4922	0.4899
Tl1908	190.856 {4	In2306	ppm	0.4959	0.0034	0.6926	0.4984	0.4935
V_2924	292.402 {1	Y_3600	ppm	0.4883	0.0004	0.0828	0.488	0.4886
Zn2062	206.200 {4	In2306	ppm	0.4893	0.0039	0.8001	0.4866	0.4921

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	231.35	1.3469	0.5822	232.3	230.39
In2306	230.606 {4	Cts/S	5374.7	11.328	0.21076	5366.7	5382.7
Y_2243	224.306 {4	Cts/S	7407.4	18.033	0.24344	7394.6	7420.1
Y_3600	360.073 { 9	Cts/S	96756	56.526	0.05842	96796	96716
Y_3710	371.030 { 9	Cts/S	9399.7	80.031	0.85142	9456.3	9343.1

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0003	5.957	0.0054	0.0049
Al3082	308.215 {1	In2306	ppm	0.0699	0.0217	31.12	0.0545	0.0852
As1890	189.042 {4	Y_2243	ppm	0.0105	0.001	9.685	0.0097	0.0112
B_2496	249.678 {1	Y_3710	ppm	0.0101	0.0036	35.71	0.0126	0.0075
Ba4554	455.403 { 7	Y_3710	ppm	0.0099	0	0.4771	0.0099	0.0098
Be3130	313.042 {1	Y_3710	ppm	0.0049	0.0001	2.766	0.0048	0.005
Ca3158	315.887 {1	In2306	ppm	0.0998	0.0126	12.63	0.0909	0.1087
Ca3181	318.128 {1	In2306	ppm	0.0452	0.0039	8.592	0.0424	0.0479
Cd2288	228.802 {4	Y_2243	ppm	0.0062	0.0016	25.92	0.005	0.0073
Co2286	228.616 {4	In2306	ppm	0.0118	0.0019	15.76	0.0105	0.0131
Cr2677	267.716 {1	Y_3600	ppm	0.0104	0.0002	2.402	0.0102	0.0105
Cu3247	324.754 {1	Y_3600	ppm	0.0109	0.0001	0.7689	0.0109	0.011
Fe2404	240.488 {1	In2306	ppm	0.0894	0.0008	0.9483	0.0888	0.09
K_7664	766.490 { 4	Y_3710	ppm	0.5824	0.0004	0.071	0.5821	0.5827
K_7698	769.896 { 4	Y_3710	ppm	0.5205	0.0001	0.016	0.5206	0.5204
Li6707	670.784 { 5	Y_3710	ppm	0.0093	0.0002	2.06	0.0095	0.0092
Mg2790	279.079 {1	Y_3710	ppm	0.1388	0.0219	15.81	0.1233	0.1543
Mn2576	257.610 {1	Y_3600	ppm	0.0104	0	0.1478	0.0104	0.0105
Mn2576-2	257.610 {1	Y_3710	ppm	0.0101	0.0001	0.869	0.01	0.0102
Mo2020	202.030 {4	Y_2243	ppm	0.0128	0.0022	17.48	0.0112	0.0143
Na5895	589.592 { 5	Y_3710	ppm	0.5597	0.0093	1.657	0.5531	0.5662
Na8183	818.326 { 4	Y_3710	ppm	0.5331	0.0492	9.237	0.5679	0.4983
Ni2316	231.604 {4	In2306	ppm	0.0116	0.0017	14.57	0.0104	0.0127
P_1782	178.284 {4	In2306	ppm	0.0106	0.0003	2.437	0.0104	0.0108
Pb2203	220.353 {4	In2306	ppm	0.0115	0.0027	23.2	0.0096	0.0134
S_1820	182.034 {4	Y_2243	ppm	0.1059	1.207	1140	-0.7479	0.9597
Sb2068	206.833 {4	Y_2243	ppm	0.0164	0.0022	13.59	0.0148	0.018
Se1960	196.090 {4	Y_2243	ppm	0.0116	0.0004	3.191	0.0113	0.0119
Si2516	251.611 {1	Y_3710	ppm	0.0142	0.0071	50.17	0.0092	0.0192
Sn1899	189.989 {4	In2306	ppm	0.0127	0.0019	14.54	0.0114	0.014
Sr4215	421.552 { 8	Y_3710	ppm	0.0048	0.0002	4.024	0.0046	0.0049
Ti3349	334.904 {1	Y_3600	ppm	0.0103	0.0002	2.337	0.0105	0.0101
Tl1908	190.856 {4	In2306	ppm	0.0156	0.0032	20.38	0.0133	0.0178
V_2924	292.402 {1	Y_3600	ppm	0.0097	0.0006	5.947	0.0093	0.0102
Zn2062	206.200 {4	In2306	ppm	0.0117	0.0017	14.65	0.0105	0.0129

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	233.5	1.0682	0.45748	234.26	232.75
In2306	230.606 {4	Cts/S	5262.5	0.37147	0.00706	5262.2	5262.7
Y_2243	224.306 {4	Cts/S	7343.2	1.9361	0.02637	7341.9	7344.6
Y_3600	360.073 { 9	Cts/S	98004	292.4	0.29835	98211	97797
Y_3710	371.030 { 9	Cts/S	9447.6	113.31	1.1993	9527.7	9367.5

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0001	1814	0.0001	0
Al3082	308.215 {1	In2306	ppm	-0.0091	0.0093	102.5	-0.0025	-0.0157

As1890	189.042 {4	Y_2243	ppm	-0.0002	0.0001	44.1	-0.0001	-0.0003
B_2496	249.678 {1	Y_3710	ppm	0	0.001	2407	0.0008	-0.0007
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0001	19.26	0.0007	0.0006
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	227.5	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.1527	0.008	5.242	0.1584	0.1471
Ca3181	318.128 {1	In2306	ppm	0.0629	0.0383	60.88	0.0899	0.0358
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	17.93	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0.0001	16.3	0.0005	0.0004
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0002	166.6	0	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0005	0.0002	36.73	0.0004	0.0006
Fe2404	240.488 {1	In2306	ppm	-0.0063	0.0093	146.8	-0.0129	0.0002
K_7664	766.490 { 4	Y_3710	ppm	0.034	0.0064	18.86	0.0386	0.0295
K_7698	769.896 { 4	Y_3710	ppm	0.0428	0.011	25.59	0.0505	0.035
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0002	110.1	-0.0003	0
Mg2790	279.079 {1	Y_3710	ppm	0.0187	0.0205	109.4	0.0042	0.0331
Mn2576	257.610 {1	Y_3600	ppm	0.004	0	0.3318	0.004	0.004
Mn2576-2	257.610 {1	Y_3710	ppm	0.0046	0.0003	5.839	0.0048	0.0044
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0001	31.77	0.0005	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.033	0.001	3.034	0.0337	0.0323
Na8183	818.326 { 4	Y_3710	ppm	-0.0002	0.1103	50290	-0.0782	0.0778
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0004	492.8	-0.0002	0.0003
P_1782	178.284 {4	In2306	ppm	0.0009	0.0002	23.2	0.0011	0.0008
Pb2203	220.353 {4	In2306	ppm	0.0002	0.0007	303.5	-0.0003	0.0007
S_1820	182.034 {4	Y_2243	ppm	18.24	0.0653	0.358	18.29	18.19
Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.0013	69.57	0.0028	0.0009
Se1960	196.090 {4	Y_2243	ppm	0	0.0005	5372	-0.0003	0.0003
Si2516	251.611 {1	Y_3710	ppm	0.0042	0.009	213.7	0.0106	-0.0022
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0004	97.4	0.0001	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	40.64	0.0003	0.0002
Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0.0001	16.59	-0.0004	-0.0005
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0018	228.9	0.0005	-0.0021
V_2924	292.402 {1	Y_3600	ppm	0.0002	0.0002	109.6	0.0003	0
Zn2062	206.200 {4	In2306	ppm	0.0088	0	0.2015	0.0088	0.0088

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	227.25	0.93533	0.41159	226.59	227.91
In2306	230.606 {4	Cts/S	5253.1	0.89077	0.01696	5252.5	5253.7
Y_2243	224.306 {4	Cts/S	7322.3	19.104	0.2609	7335.8	7308.8
Y_3600	360.073 { 9	Cts/S	97474	22.551	0.02314	97458	97490
Y_3710	371.030 { 9	Cts/S	9377.1	96.582	1.03	9445.4	9308.8

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0005	481.6	0.0004	-0.0002
Al3082	308.215 {1	In2306	ppm	520.5	8.212	1.578	526.3	514.7
As1890	189.042 {4	Y_2243	ppm	0.001	0.0013	126.8	0.0001	0.0019
B_2496	249.678 {1	Y_3710	ppm	-0.0006	0.002	345.6	-0.002	0.0008

Ba4554	455.403 { 7	Y_3710	ppm	0.0005	0.0001	14.96	0.0006	0.0005
Be3130	313.042 {1	Y_3710	ppm	0.0002	0.0001	58.12	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	508.7	12.11	2.38	517.3	500.2
Ca3181	318.128 {1	In2306	ppm	513.7	9.582	1.865	520.5	506.9
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	50.21	0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0003	0	4.279	0.0002	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0025	0.0001	3.705	0.0024	0.0025
Cu3247	324.754 {1	Y_3600	ppm	0.0035	0.0002	6.684	0.0033	0.0037
Fe2404	240.488 {1	In2306	ppm	197.7	3.327	1.683	200.1	195.4
K_7664	766.490 { 4	Y_3710	ppm	0.1184	0.031	26.21	0.1404	0.0965
K_7698	769.896 { 4	Y_3710	ppm	0.0249	0.0441	177.4	0.056	-0.0063
Li6707	670.784 { 5	Y_3710	ppm	0.0088	0.0001	0.9509	0.0087	0.0088
Mg2790	279.079 {1	Y_3710	ppm	585.3	0.482	0.0823	585.6	584.9
Mn2576	257.610 {1	Y_3600	ppm	-0.0055	0	0.5986	-0.0056	-0.0055
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0063	0.0007	10.99	-0.0068	-0.0058
Mo2020	202.030 {4	Y_2243	ppm	-0.0019	0.0002	11.28	-0.0021	-0.0018
Na5895	589.592 { 5	Y_3710	ppm	0.0222	0.0021	9.614	0.0237	0.0207
Na8183	818.326 { 4	Y_3710	ppm	0.6152	0.0149	2.418	0.6047	0.6257
Ni2316	231.604 {4	In2306	ppm	0.0024	0.0002	10.23	0.0022	0.0026
P_1782	178.284 {4	In2306	ppm	0.0018	0.0006	31.5	0.0022	0.0014
Pb2203	220.353 {4	In2306	ppm	-0.0118	0.0009	7.643	-0.0125	-0.0112
S_1820	182.034 {4	Y_2243	ppm	-21.3	0.0458	0.2148	-21.27	-21.33
Sb2068	206.833 {4	Y_2243	ppm	-0.012	0.001	8.199	-0.0113	-0.0127
Se1960	196.090 {4	Y_2243	ppm	-0.0006	0.0032	490.6	-0.0029	0.0016
Si2516	251.611 {1	Y_3710	ppm	0.0141	0.0034	23.82	0.0164	0.0117
Sn1899	189.989 {4	In2306	ppm	0.0013	0.0006	45.28	0.0017	0.0009
Sr4215	421.552 { 8	Y_3710	ppm	0.0026	0	1.598	0.0026	0.0026
Ti3349	334.904 {1	Y_3600	ppm	0.0023	0.0001	3.278	0.0023	0.0024
Tl1908	190.856 {4	In2306	ppm	-0.0021	0.0028	130.9	-0.0041	-0.0002
V_2924	292.402 {1	Y_3600	ppm	-0.0054	0.0005	9.03	-0.005	-0.0057
Zn2062	206.200 {4	In2306	ppm	0.0033	0.0001	2.797	0.0032	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	223.66	2.9031	1.298	221.61	225.71
In2306	230.606 {4	Cts/S	5148.1	6.2214	0.12085	5152.5	5143.7
Y_2243	224.306 {4	Cts/S	6696.4	10.882	0.1625	6688.7	6704.1
Y_3600	360.073 { 9	Cts/S	85857	361.1	0.42058	86113	85602
Y_3710	371.030 { 9	Cts/S	8239.1	27.667	0.33581	8258.7	8219.5

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 9:14:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5379	0.0018	0.3335	0.5366	0.5392
Al3082	308.215 {1	In2306	ppm	527.6	0.4775	0.0905	527.2	527.9
As1890	189.042 {4	Y_2243	ppm	1.035	0.0029	0.2784	1.037	1.033
B_2496	249.678 {1	Y_3710	ppm	1.094	0.0024	0.2176	1.096	1.092
Ba4554	455.403 { 7	Y_3710	ppm	1.174	0.0074	0.6266	1.179	1.169
Be3130	313.042 {1	Y_3710	ppm	0.5244	0.0016	0.2973	0.5255	0.5232

Ca3158	315.887 {1	In2306	ppm	509.9	1.542	0.3024	508.8	511
Ca3181	318.128 {1	In2306	ppm	513.6	1.752	0.3411	512.4	514.9
Cd2288	228.802 {4	Y_2243	ppm	0.5473	0.0009	0.1577	0.548	0.5467
Co2286	228.616 {4	In2306	ppm	0.9747	0.0016	0.1662	0.9759	0.9736
Cr2677	267.716 {1	Y_3600	ppm	0.9049	0.0079	0.87	0.8993	0.9105
Cu3247	324.754 {1	Y_3600	ppm	1.059	0.0018	0.1711	1.06	1.058
Fe2404	240.488 {1	In2306	ppm	203.2	0.4532	0.2231	202.8	203.5
K_7664	766.490 { 4	Y_3710	ppm	12.31	0.0124	0.1007	12.3	12.32
K_7698	769.896 { 4	Y_3710	ppm	12.14	0.0131	0.1079	12.13	12.15
Li6707	670.784 { 5	Y_3710	ppm	1.151	0.0002	0.0132	1.151	1.152
Mg2790	279.079 {1	Y_3710	ppm	593.4	0.3305	0.0557	593.2	593.6
Mn2576	257.610 {1	Y_3600	ppm	0.8972	0.0062	0.6888	0.8928	0.9015
Mn2576-2	257.610 {1	Y_3710	ppm	1.081	0.006	0.5538	1.085	1.076
Mo2020	202.030 {4	Y_2243	ppm	1.031	0.0007	0.0683	1.032	1.031
Na5895	589.592 { 5	Y_3710	ppm	11.75	0.0033	0.0283	11.75	11.74
Na8183	818.326 { 4	Y_3710	ppm	12.44	0.0502	0.4033	12.48	12.41
Ni2316	231.604 {4	In2306	ppm	0.987	0.0008	0.0809	0.9864	0.9875
P_1782	178.284 {4	In2306	ppm	0.9774	0.0005	0.055	0.977	0.9778
Pb2203	220.353 {4	In2306	ppm	1.012	0.0041	0.4014	1.009	1.015
S_1820	182.034 {4	Y_2243	ppm	-22.09	0.6121	2.771	-21.66	-22.52
Sb2068	206.833 {4	Y_2243	ppm	1.062	0.0072	0.6743	1.067	1.057
Se1960	196.090 {4	Y_2243	ppm	1.056	0.003	0.2863	1.058	1.053
Si2516	251.611 {1	Y_3710	ppm	1.059	0.0008	0.0715	1.059	1.06
Sn1899	189.989 {4	In2306	ppm	0.9958	0.0024	0.2453	0.9941	0.9975
Sr4215	421.552 { 8	Y_3710	ppm	0.5731	0.0039	0.6834	0.5759	0.5703
Ti3349	334.904 {1	Y_3600	ppm	0.942	0.0059	0.6261	0.9378	0.9462
Tl1908	190.856 {4	In2306	ppm	1.077	0.0102	0.9429	1.084	1.07
V_2924	292.402 {1	Y_3600	ppm	0.9203	0.0053	0.5766	0.9165	0.924
Zn2062	206.200 {4	In2306	ppm	0.8747	0.0024	0.2712	0.873	0.8764

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	221.67	0.75203	0.33925	222.21	221.14
In2306	230.606 {4	Cts/S	5131.7	5.842	0.11384	5135.9	5127.6
Y_2243	224.306 {4	Cts/S	6647.2	5.2876	0.07955	6643.5	6651
Y_3600	360.073 { 9	Cts/S	85585	158.58	0.18529	85697	85473
Y_3710	371.030 { 9	Cts/S	8068.7	23.808	0.29507	8051.8	8085.5

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SampleName=CCV 803401
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 9:16:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2396	0.0001	0.0516	0.2395	0.2397
Al3082	308.215 {1	In2306	ppm	2.445	0.0031	0.1269	2.443	2.447
As1890	189.042 {4	Y_2243	ppm	0.4832	0.0028	0.5757	0.4813	0.4852
B_2496	249.678 {1	Y_3710	ppm	0.4807	0.0017	0.3439	0.4818	0.4795
Ba4554	455.403 { 7	Y_3710	ppm	0.4763	0.0051	1.078	0.4799	0.4726
Be3130	313.042 {1	Y_3710	ppm	0.4851	0.002	0.4049	0.4865	0.4837
Ca3158	315.887 {1	In2306	ppm	12.32	0.1592	1.292	12.21	12.43
Ca3181	318.128 {1	In2306	ppm	12.31	0.0243	0.1975	12.33	12.3

Cd2288	228.802 {4	Y_2243	ppm	0.48	0.0011	0.2266	0.4793	0.4808
Co2286	228.616 {4	In2306	ppm	0.4902	0	0.0033	0.4902	0.4902
Cr2677	267.716 {1	Y_3600	ppm	0.4846	0.0004	0.0829	0.4849	0.4843
Cu3247	324.754 {1	Y_3600	ppm	0.4842	0.0008	0.1663	0.4848	0.4836
Fe2404	240.488 {1	In2306	ppm	2.471	0.0098	0.3953	2.464	2.478
K_7664	766.490 { 4	Y_3710	ppm	12.28	0.0843	0.6863	12.34	12.22
K_7698	769.896 { 4	Y_3710	ppm	12.15	0.0461	0.3797	12.18	12.12
Li6707	670.784 { 5	Y_3710	ppm	0.4857	0.0049	1.017	0.4892	0.4822
Mg2790	279.079 {1	Y_3710	ppm	4.787	0.024	0.5022	4.77	4.804
Mn2576	257.610 {1	Y_3600	ppm	0.4787	0.0003	0.0604	0.4789	0.4785
Mn2576-2	257.610 {1	Y_3710	ppm	0.4709	0.0004	0.0759	0.4707	0.4712
Mo2020	202.030 {4	Y_2243	ppm	0.4971	0.0021	0.4313	0.4956	0.4986
Na5895	589.592 { 5	Y_3710	ppm	12.13	0.1104	0.9106	12.21	12.05
Na8183	818.326 { 4	Y_3710	ppm	11.99	0.072	0.6007	12.04	11.94
Ni2316	231.604 {4	In2306	ppm	0.4857	0	0.0062	0.4857	0.4856
P_1782	178.284 {4	In2306	ppm	0.0018	0.0017	95.61	0.0006	0.003
Pb2203	220.353 {4	In2306	ppm	0.4836	0.0025	0.5161	0.4854	0.4819
S_1820	182.034 {4	Y_2243	ppm	221.3	0.1722	0.0778	221.4	221.2
Sb2068	206.833 {4	Y_2243	ppm	0.4952	0.0058	1.168	0.4911	0.4993
Se1960	196.090 {4	Y_2243	ppm	0.4946	0.004	0.8137	0.4917	0.4974
Si2516	251.611 {1	Y_3710	ppm	0.8846	0.0012	0.135	0.8837	0.8854
Sn1899	189.989 {4	In2306	ppm	0.4913	0.0003	0.0566	0.4911	0.4915
Sr4215	421.552 { 8	Y_3710	ppm	0.2438	0.0022	0.9209	0.2454	0.2422
Ti3349	334.904 {1	Y_3600	ppm	0.4901	0.0018	0.3595	0.4913	0.4888
Tl1908	190.856 {4	In2306	ppm	0.491	0.0024	0.4974	0.4927	0.4893
V_2924	292.402 {1	Y_3600	ppm	0.4877	0.0002	0.0463	0.4875	0.4878
Zn2062	206.200 {4	In2306	ppm	0.4886	0.0032	0.6578	0.4909	0.4864

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	223.34	0.15503	0.06942	223.45	223.23
In2306	230.606 {4	Cts/S	5343.2	25.098	0.46972	5360.9	5325.4
Y_2243	224.306 {4	Cts/S	7361	63.05	0.85655	7405.6	7316.4
Y_3600	360.073 { 9	Cts/S	96333	1.6236	0.00169	96334	96331
Y_3710	371.030 { 9	Cts/S	9213.4	61.32	0.66555	9170.1	9256.8

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Custom ID3=
Run Time=2/27/2012 9:19:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0052	0.0001	1.986	0.0052	0.0051
Al3082	308.215 {1	In2306	ppm	0.0884	0.013	14.69	0.0976	0.0792
As1890	189.042 {4	Y_2243	ppm	0.0161	0.0075	46.27	0.0109	0.0214
B_2496	249.678 {1	Y_3710	ppm	0.0081	0.003	36.99	0.006	0.0102
Ba4554	455.403 { 7	Y_3710	ppm	0.0097	0.0002	1.826	0.0098	0.0095
Be3130	313.042 {1	Y_3710	ppm	0.0049	0	0.2839	0.0049	0.0049
Ca3158	315.887 {1	In2306	ppm	0.0936	0.0006	0.6777	0.0931	0.094
Ca3181	318.128 {1	In2306	ppm	0.0394	0.0122	31.03	0.0481	0.0308
Cd2288	228.802 {4	Y_2243	ppm	0.0128	0.0094	72.92	0.0062	0.0195
Co2286	228.616 {4	In2306	ppm	0.0188	0.0098	52.25	0.0118	0.0257

Cr2677	267.716 {1	Y_3600	ppm	0.0101	0	0.2097	0.0101	0.0101
Cu3247	324.754 {1	Y_3600	ppm	0.0109	0.0002	1.924	0.0111	0.0108
Fe2404	240.488 {1	In2306	ppm	0.0952	0.0048	5.001	0.0918	0.0985
K_7664	766.490 { 4	Y_3710	ppm	0.6041	0.0033	0.5382	0.6018	0.6064
K_7698	769.896 { 4	Y_3710	ppm	0.6343	0.0088	1.393	0.6281	0.6406
Li6707	670.784 { 5	Y_3710	ppm	0.0099	0.0001	0.9942	0.0099	0.01
Mg2790	279.079 {1	Y_3710	ppm	0.1196	0.0406	33.94	0.1483	0.0909
Mn2576	257.610 {1	Y_3600	ppm	0.0103	0	0.4191	0.0103	0.0103
Mn2576-2	257.610 {1	Y_3710	ppm	0.0101	0	0.0712	0.0101	0.0101
Mo2020	202.030 {4	Y_2243	ppm	0.0207	0.0107	51.51	0.0132	0.0283
Na5895	589.592 { 5	Y_3710	ppm	0.5876	0.0047	0.8031	0.5843	0.591
Na8183	818.326 { 4	Y_3710	ppm	0.4281	0.0161	3.762	0.4167	0.4395
Ni2316	231.604 {4	In2306	ppm	0.0184	0.0092	50.15	0.0119	0.0249
P_1782	178.284 {4	In2306	ppm	0.0105	0	0.1245	0.0105	0.0105
Pb2203	220.353 {4	In2306	ppm	0.0183	0.0094	51.42	0.0116	0.0249
S_1820	182.034 {4	Y_2243	ppm	2.664	3.177	119.3	0.4175	4.91
Sb2068	206.833 {4	Y_2243	ppm	0.0267	0.011	41.36	0.0189	0.0344
Se1960	196.090 {4	Y_2243	ppm	0.0161	0.0087	53.75	0.01	0.0223
Si2516	251.611 {1	Y_3710	ppm	0.0108	0.0049	44.8	0.0143	0.0074
Sn1899	189.989 {4	In2306	ppm	0.0205	0.0111	54.25	0.0127	0.0284
Sr4215	421.552 { 8	Y_3710	ppm	0.0049	0.0001	2.767	0.005	0.0048
Ti3349	334.904 {1	Y_3600	ppm	0.0097	0.0002	1.733	0.0098	0.0095
Tl1908	190.856 {4	In2306	ppm	0.0258	0.014	54.26	0.0159	0.0356
V_2924	292.402 {1	Y_3600	ppm	0.0099	0.0002	2.409	0.0101	0.0098
Zn2062	206.200 {4	In2306	ppm	0.0189	0.0102	53.86	0.0117	0.0261

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	222.9	0.0231	0.01036	222.91	222.88
In2306	230.606 {4	Cts/S	5249.7	19.341	0.36843	5236	5263.3
Y_2243	224.306 {4	Cts/S	7306.6	34.738	0.47543	7282.1	7331.2
Y_3600	360.073 { 9	Cts/S	98367	149.63	0.15212	98473	98261
Y_3710	371.030 { 9	Cts/S	9244.6	8.7804	0.09498	9250.8	9238.4

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 9:21:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	13.31	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0068	0.0146	214.2	0.0171	-0.0035
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0007	244	-0.0002	0.0008
B_2496	249.678 {1	Y_3710	ppm	0.003	0.0027	87.41	0.0012	0.0049
Ba4554	455.403 { 7	Y_3710	ppm	0.0006	0	6.229	0.0006	0.0006
Be3130	313.042 {1	Y_3710	ppm	0	0	127.3	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	0.1485	0.0058	3.921	0.1443	0.1526
Ca3181	318.128 {1	In2306	ppm	0.1116	0.0209	18.72	0.0968	0.1264
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	54.87	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0004	0.0002	52.31	0.0002	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	112.9	0.0003	0
Cu3247	324.754 {1	Y_3600	ppm	0.0015	0.0002	10.52	0.0014	0.0016

Fe2404	240.488 {1	In2306	ppm	0.0018	0.0058	334	-0.0024	0.0059
K_7664	766.490 { 4	Y_3710	ppm	0.0345	0.0034	9.862	0.0369	0.0321
K_7698	769.896 { 4	Y_3710	ppm	0.041	0.0183	44.56	0.0281	0.054
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	16.63	0.0003	0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0318	0.0164	51.64	0.0435	0.0202
Mn2576	257.610 {1	Y_3600	ppm	0.0041	0	0.7611	0.0041	0.0041
Mn2576-2	257.610 {1	Y_3710	ppm	0.0037	0.0006	15.53	0.0033	0.0041
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0002	60.94	0.0002	0.0005
Na5895	589.592 { 5	Y_3710	ppm	0.0383	0.0014	3.608	0.0393	0.0374
Na8183	818.326 { 4	Y_3710	ppm	-0.0148	0.184	1240	-0.145	0.1153
Ni2316	231.604 {4	In2306	ppm	0.0007	0.0001	8.308	0.0007	0.0006
P_1782	178.284 {4	In2306	ppm	0.0008	0.0011	137.8	0	0.0015
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0011	124.7	0.0016	0.0001
S_1820	182.034 {4	Y_2243	ppm	18.02	0.6021	3.342	17.59	18.44
Sb2068	206.833 {4	Y_2243	ppm	0.0028	0.0017	61.66	0.0016	0.004
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0016	204	-0.0004	0.002
Si2516	251.611 {1	Y_3710	ppm	0.0061	0.0024	38.87	0.0044	0.0078
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0007	117.8	0.0001	0.0011
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0	11.69	0.0001	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0003	269.4	0.0004	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0017	106	0.0027	0.0004
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0003	106.3	0.0001	0.0005
Zn2062	206.200 {4	In2306	ppm	0.009	0.0005	5.046	0.0087	0.0093

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	218.44	3.9995	1.8309	221.27	215.61
In2306	230.606 {4	Cts/S	5232.2	12.791	0.24446	5223.2	5241.3
Y_2243	224.306 {4	Cts/S	7255.2	15.533	0.21409	7244.3	7266.2
Y_3600	360.073 { 9	Cts/S	98130	653.88	0.66635	98592	97667
Y_3710	371.030 { 9	Cts/S	9080.2	42.613	0.4693	9110.3	9050

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Custom ID3=
Run Time=2/27/2012 9:24:33
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	11.15	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0125	0.014	111.8	0.0026	0.0224
As1890	189.042 {4	Y_2243	ppm	-0.0007	0.0007	98.17	-0.0002	-0.0012
B_2496	249.678 {1	Y_3710	ppm	-0.0022	0.0014	62.08	-0.0032	-0.0013
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0	7.838	0.0003	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	212.4	0	0
Ca3158	315.887 {1	In2306	ppm	0.0024	0.0124	520.4	-0.0064	0.0111
Ca3181	318.128 {1	In2306	ppm	-0.0953	0.0398	41.79	-0.1234	-0.0671
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	34.3	0.0001	0.0001
Co2286	228.616 {4	In2306	ppm	0.0005	0	3.34	0.0005	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	47.4	0.0001	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0026	0.0001	4.928	0.0025	0.0027
Fe2404	240.488 {1	In2306	ppm	0.0032	0.0038	116.3	0.0006	0.0059
K_7664	766.490 { 4	Y_3710	ppm	0.0077	0.0063	82.25	0.0121	0.0032

K_7698	769.896 { 4	Y_3710	ppm	0.0306	0.0001	0.4278	0.0306	0.0307
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0002	56.23	0.0002	0.0005
Mg2790	279.079 {1	Y_3710	ppm	-0.0051	0.0038	74.82	-0.0024	-0.0078
Mn2576	257.610 {1	Y_3600	ppm	0.0001	0	1.113	0.0001	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0.0005	236.1	-0.0001	0.0005
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0003	435.4	-0.0001	0.0003
Na5895	589.592 { 5	Y_3710	ppm	0.0084	0.003	35.71	0.0106	0.0063
Na8183	818.326 { 4	Y_3710	ppm	-0.0328	0.0049	14.78	-0.0363	-0.0294
Ni2316	231.604 {4	In2306	ppm	0	0.0005	1555	0.0004	-0.0003
P_1782	178.284 {4	In2306	ppm	0.0003	0.0007	232.5	0.0008	-0.0002
Pb2203	220.353 {4	In2306	ppm	0.001	0.0003	24.16	0.0009	0.0012
S_1820	182.034 {4	Y_2243	ppm	1.732	0.6362	36.74	1.282	2.181
Sb2068	206.833 {4	Y_2243	ppm	0.0017	0.0005	33.14	0.002	0.0013
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0017	283.6	-0.0006	0.0018
Si2516	251.611 {1	Y_3710	ppm	0.0053	0.0049	93	0.0018	0.0087
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0002	95.53	0.0004	0.0001
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0	15.02	0.0002	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	91.18	0.0002	0
Tl1908	190.856 {4	In2306	ppm	0.0008	0.0007	81.98	0.0013	0.0003
V_2924	292.402 {1	Y_3600	ppm	0.0005	0.0002	38	0.0004	0.0007
Zn2062	206.200 {4	In2306	ppm	0.0084	0	0.3105	0.0084	0.0083

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	214.65	3.9532	1.8417	211.86	217.45
In2306	230.606 {4	Cts/S	5178.5	43.805	0.8459	5147.5	5209.5
Y_2243	224.306 {4	Cts/S	7174.9	82.962	1.1563	7116.3	7233.6
Y_3600	360.073 { 9	Cts/S	98445	259.31	0.26341	98261	98628
Y_3710	371.030 { 9	Cts/S	8957.6	35.6	0.39742	8932.4	8982.7

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4862	0.0015	0.2993	0.4872	0.4851
Al3082	308.215 {1	In2306	ppm	10.1	0.0439	0.435	10.07	10.13
As1890	189.042 {4	Y_2243	ppm	0.9714	0.0102	1.054	0.9642	0.9787
B_2496	249.678 {1	Y_3710	ppm	0.9841	0.0035	0.353	0.9816	0.9865
Ba4554	455.403 { 7	Y_3710	ppm	0.9864	0.0022	0.2211	0.9849	0.988
Be3130	313.042 {1	Y_3710	ppm	0.4941	0.0026	0.5215	0.4959	0.4922
Ca3158	315.887 {1	In2306	ppm	9.681	0.1074	1.109	9.757	9.605
Ca3181	318.128 {1	In2306	ppm	9.724	0.0979	1.007	9.793	9.655
Cd2288	228.802 {4	Y_2243	ppm	0.4794	0.0056	1.164	0.4755	0.4834
Co2286	228.616 {4	In2306	ppm	0.9591	0.0096	1.005	0.9523	0.9659
Cr2677	267.716 {1	Y_3600	ppm	0.9499	0.0019	0.2052	0.9513	0.9485
Cu3247	324.754 {1	Y_3600	ppm	0.9615	0.0007	0.0716	0.962	0.9611
Fe2404	240.488 {1	In2306	ppm	9.969	0.0489	0.4908	10	9.935
K_7664	766.490 { 4	Y_3710	ppm	10.34	0.0022	0.0211	10.34	10.34
K_7698	769.896 { 4	Y_3710	ppm	10.23	0.018	0.1762	10.25	10.22
Li6707	670.784 { 5	Y_3710	ppm	0.5267	0.0004	0.0716	0.5269	0.5264

Mg2790	279.079 {1	Y_3710	ppm	9.662	0.1502	1.555	9.768	9.556
Mn2576	257.610 {1	Y_3600	ppm	0.954	0.0011	0.1154	0.9547	0.9532
Mn2576-2	257.610 {1	Y_3710	ppm	0.9651	0.0058	0.6007	0.9692	0.961
Mo2020	202.030 {4	Y_2243	ppm	1.004	0.0088	0.8805	0.9976	1.01
Na5895	589.592 { 5	Y_3710	ppm	10.43	0.0152	0.1455	10.44	10.41
Na8183	818.326 { 4	Y_3710	ppm	9.822	0.0778	0.7919	9.767	9.877
Ni2316	231.604 {4	In2306	ppm	0.9548	0.0101	1.062	0.9476	0.962
P_1782	178.284 {4	In2306	ppm	-0.0001	0.0005	618.6	-0.0005	0.0003
Pb2203	220.353 {4	In2306	ppm	0.9386	0.009	0.9536	0.9322	0.9449
S_1820	182.034 {4	Y_2243	ppm	0.0543	0.0075	13.82	0.049	0.0596
Sb2068	206.833 {4	Y_2243	ppm	0.9688	0.0085	0.8765	0.9628	0.9748
Se1960	196.090 {4	Y_2243	ppm	0.9764	0.012	1.225	0.9679	0.9848
Si2516	251.611 {1	Y_3710	ppm	0.9052	0.0292	3.224	0.8846	0.9258
Sn1899	189.989 {4	In2306	ppm	0.9601	0.0086	0.8917	0.954	0.9661
Sr4215	421.552 { 8	Y_3710	ppm	0.4998	0.0003	0.0605	0.4996	0.5
Ti3349	334.904 {1	Y_3600	ppm	0.9613	0.0004	0.0441	0.9616	0.961
Tl1908	190.856 {4	In2306	ppm	0.9576	0.0038	0.3987	0.9603	0.9549
V_2924	292.402 {1	Y_3600	ppm	0.952	0.0003	0.035	0.9523	0.9518
Zn2062	206.200 {4	In2306	ppm	0.953	0.0087	0.9176	0.9468	0.9592

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	213.61	0.01835	0.00859	213.62	213.59
In2306	230.606 {4	Cts/S	5300	80.158	1.5124	5356.7	5243.3
Y_2243	224.306 {4	Cts/S	7244.1	121.93	1.6832	7330.3	7157.9
Y_3600	360.073 { 9	Cts/S	96327	193.78	0.20117	96464	96190
Y_3710	371.030 { 9	Cts/S	8831.8	26.623	0.30144	8813	8850.6

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0004	70.87	0.0009	0.0003
Al3082	308.215 {1	In2306	ppm	0.0777	0.0269	34.59	0.0967	0.0587
As1890	189.042 {4	Y_2243	ppm	0.0115	0.0086	74.14	0.0055	0.0176
B_2496	249.678 {1	Y_3710	ppm	0.2657	0.002	0.7415	0.2643	0.2671
Ba4554	455.403 { 7	Y_3710	ppm	0.1332	0.0021	1.598	0.1317	0.1347
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	74.97	0.0001	0
Ca3158	315.887 {1	In2306	ppm	50.93	0.0225	0.0443	50.95	50.92
Ca3181	318.128 {1	In2306	ppm	50.77	0.2484	0.4892	50.6	50.95
Cd2288	228.802 {4	Y_2243	ppm	0.0046	0.0054	116.3	0.0008	0.0084
Co2286	228.616 {4	In2306	ppm	0.012	0.0106	88.09	0.0045	0.0196
Cr2677	267.716 {1	Y_3600	ppm	0.0026	0.0001	4.192	0.0027	0.0025
Cu3247	324.754 {1	Y_3600	ppm	0.005	0.0002	3.564	0.0051	0.0049
Fe2404	240.488 {1	In2306	ppm	0.0473	0.0104	22.01	0.0547	0.04
K_7664	766.490 { 4	Y_3710	ppm	25.58	0.2726	1.065	25.39	25.78
K_7698	769.896 { 4	Y_3710	ppm	25.78	0.2006	0.7779	25.64	25.92
Li6707	670.784 { 5	Y_3710	ppm	0.0265	0.0007	2.788	0.026	0.027
Mg2790	279.079 {1	Y_3710	ppm	17.42	0.2406	1.381	17.25	17.59
Mn2576	257.610 {1	Y_3600	ppm	0.2696	0.0005	0.1806	0.2699	0.2692

Mn2576-2	257.610 {1	Y_3710	ppm	0.2632	0.0039	1.484	0.2605	0.266
Mo2020	202.030 {4	Y_2243	ppm	0.0916	0.0112	12.19	0.0837	0.0995
Na5895	589.592 { 5	Y_3710	ppm	667	8.707	1.305	660.8	673.1
Na8183	818.326 { 4	Y_3710	ppm	799.8	10.49	1.312	792.3	807.2
Ni2316	231.604 {4	In2306	ppm	0.0139	0.0107	77.23	0.0063	0.0215
P_1782	178.284 {4	In2306	ppm	1.082	0.0191	1.762	1.095	1.068
Pb2203	220.353 {4	In2306	ppm	0.0092	0.0091	99.05	0.0028	0.0156
S_1820	182.034 {4	Y_2243	ppm	57410	501.9	0.8741	57770	57060
Sb2068	206.833 {4	Y_2243	ppm	0.0199	0.0106	53.58	0.0123	0.0274
Se1960	196.090 {4	Y_2243	ppm	0.0959	0.0073	7.659	0.0907	0.1011
Si2516	251.611 {1	Y_3710	ppm	3.136	0.0482	1.537	3.102	3.17
Sn1899	189.989 {4	In2306	ppm	0.0115	0.0113	97.99	0.0035	0.0195
Sr4215	421.552 { 8	Y_3710	ppm	0.7507	0.012	1.592	0.7423	0.7592
Ti3349	334.904 {1	Y_3600	ppm	0.0012	0.0005	45.49	0.0008	0.0016
Tl1908	190.856 {4	In2306	ppm	0.0233	0.0185	79.35	0.0102	0.0364
V_2924	292.402 {1	Y_3600	ppm	0.0158	0.0006	3.665	0.0163	0.0154
Zn2062	206.200 {4	In2306	ppm	0.0534	0.0089	16.74	0.047	0.0597

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	224.26	0.10166	0.04533	224.19	224.33
In2306	230.606 {4	Cts/S	5439.3	9.0092	0.16563	5433	5445.7
Y_2243	224.306 {4	Cts/S	7186.4	2.2475	0.03127	7184.8	7188
Y_3600	360.073 { 9	Cts/S	84393	118.89	0.14088	84309	84477
Y_3710	371.030 { 9	Cts/S	9382.1	128.28	1.3673	9472.8	9291.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	33.79	0.0002	0.0001
Al3082	308.215 {1	In2306	ppm	0.1128	0.0366	32.49	0.0869	0.1387
As1890	189.042 {4	Y_2243	ppm	0.0028	0	1.595	0.0029	0.0028
B_2496	249.678 {1	Y_3710	ppm	0.033	0.0043	13.15	0.0361	0.03
Ba4554	455.403 { 7	Y_3710	ppm	0.043	0.0005	1.084	0.0427	0.0433
Be3130	313.042 {1	Y_3710	ppm	0	0	114	0	0
Ca3158	315.887 {1	In2306	ppm	21.31	0.078	0.3658	21.26	21.37
Ca3181	318.128 {1	In2306	ppm	21.29	0.0237	0.1115	21.28	21.31
Cd2288	228.802 {4	Y_2243	ppm	0.0006	0.0004	64.14	0.0003	0.0008
Co2286	228.616 {4	In2306	ppm	0.001	0.0005	52.31	0.0006	0.0013
Cr2677	267.716 {1	Y_3600	ppm	0.0024	0.0002	6.762	0.0025	0.0023
Cu3247	324.754 {1	Y_3600	ppm	0.0187	0.0002	1.179	0.0189	0.0186
Fe2404	240.488 {1	In2306	ppm	0.226	0.0075	3.318	0.2207	0.2313
K_7664	766.490 { 4	Y_3710	ppm	2.436	0.0262	1.076	2.417	2.454
K_7698	769.896 { 4	Y_3710	ppm	2.423	0.0911	3.758	2.358	2.487
Li6707	670.784 { 5	Y_3710	ppm	0.0038	0	0.8727	0.0038	0.0038
Mg2790	279.079 {1	Y_3710	ppm	1.798	0.0658	3.66	1.752	1.845
Mn2576	257.610 {1	Y_3600	ppm	0.0234	0.0002	0.7851	0.0235	0.0233
Mn2576-2	257.610 {1	Y_3710	ppm	0.0232	0.0001	0.2535	0.0232	0.0231
Mo2020	202.030 {4	Y_2243	ppm	0.0403	0.0007	1.751	0.0398	0.0408

Na5895	589.592 { 5	Y_3710	ppm	24.02	0.7299	3.039	23.51	24.54
Na8183	818.326 { 4	Y_3710	ppm	22.89	0.3448	1.507	22.64	23.13
Ni2316	231.604 {4	In2306	ppm	0.0026	0.0011	42.82	0.0018	0.0033
P_1782	178.284 {4	In2306	ppm	0.0943	0.0089	9.477	0.088	0.1007
Pb2203	220.353 {4	In2306	ppm	0.0022	0.0024	107.8	0.0005	0.0039
S_1820	182.034 {4	Y_2243	ppm	2727	450.7	16.53	2408	3046
Sb2068	206.833 {4	Y_2243	ppm	0.0033	0.0001	4.119	0.0032	0.0034
Se1960	196.090 {4	Y_2243	ppm	0.0023	0.0012	52.74	0.0014	0.0032
Si2516	251.611 {1	Y_3710	ppm	2.84	0.0047	0.1671	2.837	2.844
Sn1899	189.989 {4	In2306	ppm	0.0011	0.0001	8.87	0.001	0.0012
Sr4215	421.552 { 8	Y_3710	ppm	0.1024	0.0004	0.3799	0.1022	0.1027
Ti3349	334.904 {1	Y_3600	ppm	0.0025	0	0.4036	0.0025	0.0025
Tl1908	190.856 {4	In2306	ppm	0.0021	0.0003	15.8	0.0023	0.0019
V_2924	292.402 {1	Y_3600	ppm	0.0017	0.0002	11.35	0.0019	0.0016
Zn2062	206.200 {4	In2306	ppm	0.0962	0.0012	1.257	0.0971	0.0954

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	212.04	5.6222	2.6515	216.01	208.06
In2306	230.606 {4	Cts/S	5277.2	1.6176	0.03065	5276	5278.3
Y_2243	224.306 {4	Cts/S	7169.5	2.1002	0.02929	7168	7170.9
Y_3600	360.073 { 9	Cts/S	95577	65.774	0.06882	95530	95623
Y_3710	371.030 { 9	Cts/S	8934.7	138.7	1.5523	9032.8	8836.6

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0003	0.0004	130.6	-0.0006	0
Al3082	308.215 {1	In2306	ppm	2.827	0.0148	0.5229	2.837	2.816
As1890	189.042 {4	Y_2243	ppm	0.0111	0.0008	7.054	0.0117	0.0106
B_2496	249.678 {1	Y_3710	ppm	0.0721	0.0009	1.279	0.0727	0.0714
Ba4554	455.403 { 7	Y_3710	ppm	0.1122	0.0005	0.431	0.1119	0.1126
Be3130	313.042 {1	Y_3710	ppm	0.0004	0	0.7814	0.0004	0.0004
Ca3158	315.887 {1	In2306	ppm	25.65	0.2038	0.7944	25.51	25.8
Ca3181	318.128 {1	In2306	ppm	25.86	0.3042	1.176	25.65	26.08
Cd2288	228.802 {4	Y_2243	ppm	0.0007	0.0001	20.29	0.0006	0.0008
Co2286	228.616 {4	In2306	ppm	0.0038	0.0001	1.475	0.0038	0.0039
Cr2677	267.716 {1	Y_3600	ppm	0.0055	0.0002	2.951	0.0056	0.0054
Cu3247	324.754 {1	Y_3600	ppm	0.0384	0.0002	0.5149	0.0383	0.0385
Fe2404	240.488 {1	In2306	ppm	4.286	0.0265	0.6184	4.267	4.305
K_7664	766.490 { 4	Y_3710	ppm	15.28	0.0916	0.5999	15.34	15.21
K_7698	769.896 { 4	Y_3710	ppm	15.23	0.168	1.103	15.35	15.11
Li6707	670.784 { 5	Y_3710	ppm	0.015	0.0004	2.566	0.0147	0.0152
Mg2790	279.079 {1	Y_3710	ppm	5.911	0.115	1.945	5.83	5.992
Mn2576	257.610 {1	Y_3600	ppm	0.563	0.0019	0.344	0.5616	0.5644
Mn2576-2	257.610 {1	Y_3710	ppm	0.5651	0.0056	0.9843	0.5612	0.5691
Mo2020	202.030 {4	Y_2243	ppm	0.0065	0.0002	2.336	0.0066	0.0064
Na5895	589.592 { 5	Y_3710	ppm	57.68	0.4702	0.8151	58.02	57.35
Na8183	818.326 { 4	Y_3710	ppm	56.35	0.3088	0.5479	56.13	56.57

Ni2316	231.604 {4	In2306	ppm	0.0107	0.0002	2.117	0.0109	0.0106
P_1782	178.284 {4	In2306	ppm	2.116	0.0123	0.5803	2.124	2.107
Pb2203	220.353 {4	In2306	ppm	0.0062	0.0008	13.1	0.0067	0.0056
S_1820	182.034 {4	Y_2243	ppm	3405	0.0292	0.0009	3405	3405
Sb2068	206.833 {4	Y_2243	ppm	0.0011	0.0017	148.4	-0.0001	0.0023
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0006	97.48	0.0002	0.0011
Si2516	251.611 {1	Y_3710	ppm	16.17	0.0258	0.1596	16.15	16.19
Sn1899	189.989 {4	In2306	ppm	0.0009	0.0009	94.29	0.0015	0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.1559	0.0007	0.432	0.1554	0.1564
Ti3349	334.904 {1	Y_3600	ppm	0.0174	0.0001	0.5708	0.0173	0.0174
Tl1908	190.856 {4	In2306	ppm	0.0015	0.001	70.37	0.0007	0.0022
V_2924	292.402 {1	Y_3600	ppm	0.0077	0.0001	0.9101	0.0076	0.0077
Zn2062	206.200 {4	In2306	ppm	0.1404	0.0001	0.1012	0.1405	0.1403

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	215.71	0.71748	0.33261	215.2	216.22
In2306	230.606 {4	Cts/S	5310.7	2.6429	0.04976	5308.9	5312.6
Y_2243	224.306 {4	Cts/S	7151.5	8.252	0.11539	7145.7	7157.4
Y_3600	360.073 { 9	Cts/S	94741	18.861	0.01991	94728	94754
Y_3710	371.030 { 9	Cts/S	8797.7	7.166	0.08145	8792.6	8802.8

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Custom ID2=
Custom ID3=
Run Time=2/27/2012 9:37:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	84.1	-0.0003	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0417	0.0192	46.17	-0.0553	-0.0281
As1890	189.042 {4	Y_2243	ppm	-0.0003	0.0006	195	0.0001	-0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0025	0.0023	90.44	0.0009	0.0042
Ba4554	455.403 { 7	Y_3710	ppm	0.0009	0	4.729	0.0009	0.001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	9.038	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	0.7991	0.0052	0.6504	0.8028	0.7954
Ca3181	318.128 {1	In2306	ppm	0.7575	0.0182	2.407	0.7704	0.7446
Cd2288	228.802 {4	Y_2243	ppm	0	0	10.63	0	0
Co2286	228.616 {4	In2306	ppm	0.0005	0.0004	80.63	0.0008	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	72.6	0.0001	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0014	0.0001	10.21	0.0013	0.0015
Fe2404	240.488 {1	In2306	ppm	0.0529	0.001	1.944	0.0536	0.0522
K_7664	766.490 { 4	Y_3710	ppm	8.053	0.0524	0.6505	8.09	8.016
K_7698	769.896 { 4	Y_3710	ppm	8.138	0.0759	0.9327	8.191	8.084
Li6707	670.784 { 5	Y_3710	ppm	0.0006	0.0002	26.6	0.0007	0.0005
Mg2790	279.079 {1	Y_3710	ppm	0.1125	0.0058	5.153	0.1084	0.1166
Mn2576	257.610 {1	Y_3600	ppm	0.0019	0	2.176	0.0018	0.0019
Mn2576-2	257.610 {1	Y_3710	ppm	0.0024	0.0001	2.124	0.0024	0.0024
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0002	234.9	0	0.0002
Na5895	589.592 { 5	Y_3710	ppm	28.94	0.1723	0.5952	29.06	28.82
Na8183	818.326 { 4	Y_3710	ppm	28.64	0.0951	0.3319	28.71	28.57
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0002	279.7	0.0003	-0.0001
P_1782	178.284 {4	In2306	ppm	0.1282	0.0024	1.836	0.1266	0.1299

Pb2203	220.353 {4	In2306	ppm	0.0017	0.0001	5.548	0.0016	0.0017
S_1820	182.034 {4	Y_2243	ppm	1237	0.8087	0.0654	1238	1236
Sb2068	206.833 {4	Y_2243	ppm	0.0019	0.0019	101.6	0.0005	0.0032
Se1960	196.090 {4	Y_2243	ppm	0.0006	0.0004	72.3	0.0003	0.0009
Si2516	251.611 {1	Y_3710	ppm	0.0661	0.0062	9.43	0.0617	0.0705
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0002	78.84	0.0001	0.0005
Sr4215	421.552 { 8	Y_3710	ppm	0.0043	0	0.2259	0.0043	0.0043
Ti3349	334.904 {1	Y_3600	ppm	-0.0006	0.0001	13.99	-0.0005	-0.0006
Tl1908	190.856 {4	In2306	ppm	0.0005	0.0006	134.5	0.0009	0
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0003	252.8	0.0003	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0046	0.0001	2.29	0.0045	0.0047

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	221.82	0.7099	0.32003	221.32	222.33
In2306	230.606 {4	Cts/S	5374.7	2.6508	0.04932	5372.8	5376.6
Y_2243	224.306 {4	Cts/S	7371.3	19.693	0.26715	7357.4	7385.2
Y_3600	360.073 { 9	Cts/S	96538	414.79	0.42966	96832	96245
Y_3710	371.030 { 9	Cts/S	9213.3	15.604	0.16937	9202.3	9224.3

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Custom ID3=
Run Time=2/27/2012 9:40:00
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0	22.03	0.0001	0.0001
Al3082	308.215 {1	In2306	ppm	0.1441	0.0245	16.98	0.1614	0.1268
As1890	189.042 {4	Y_2243	ppm	0.002	0.0006	31.75	0.0024	0.0015
B_2496	249.678 {1	Y_3710	ppm	0.0472	0.0013	2.804	0.0463	0.0481
Ba4554	455.403 { 7	Y_3710	ppm	0.017	0.0003	1.931	0.0168	0.0173
Be3130	313.042 {1	Y_3710	ppm	0	0	9.033	0	0
Ca3158	315.887 {1	In2306	ppm	21.51	0.1176	0.5469	21.42	21.59
Ca3181	318.128 {1	In2306	ppm	21.44	0.2887	1.347	21.24	21.64
Cd2288	228.802 {4	Y_2243	ppm	0.0017	0.0002	9.315	0.0018	0.0015
Co2286	228.616 {4	In2306	ppm	0.0006	0.0001	25.27	0.0007	0.0005
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0001	10.9	0.0008	0.0007
Cu3247	324.754 {1	Y_3600	ppm	0.0147	0.0002	1.427	0.0145	0.0148
Fe2404	240.488 {1	In2306	ppm	0.1822	0.0024	1.29	0.1805	0.1838
K_7664	766.490 { 4	Y_3710	ppm	1.85	0.0239	1.291	1.867	1.834
K_7698	769.896 { 4	Y_3710	ppm	1.88	0.0679	3.615	1.928	1.832
Li6707	670.784 { 5	Y_3710	ppm	0.0016	0.0004	26.65	0.0013	0.0019
Mg2790	279.079 {1	Y_3710	ppm	1.488	0.0168	1.127	1.476	1.5
Mn2576	257.610 {1	Y_3600	ppm	0.0303	0.0001	0.469	0.0302	0.0304
Mn2576-2	257.610 {1	Y_3710	ppm	0.0291	0.0001	0.1751	0.0291	0.0291
Mo2020	202.030 {4	Y_2243	ppm	0.0024	0.0006	24.34	0.0028	0.002
Na5895	589.592 { 5	Y_3710	ppm	4.235	0.0558	1.319	4.274	4.195
Na8183	818.326 { 4	Y_3710	ppm	4.019	0.0635	1.58	4.064	3.974
Ni2316	231.604 {4	In2306	ppm	0.0011	0.0001	8.572	0.001	0.0011
P_1782	178.284 {4	In2306	ppm	0.0224	0.001	4.515	0.0216	0.0231
Pb2203	220.353 {4	In2306	ppm	0.077	0.0014	1.859	0.078	0.076
S_1820	182.034 {4	Y_2243	ppm	1141	0.0477	0.0042	1141	1141

Sb2068	206.833 {4	Y_2243	ppm	0.0355	0.0006	1.605	0.0359	0.0351
Se1960	196.090 {4	Y_2243	ppm	0.0009	0.0015	160.8	-0.0001	0.0019
Si2516	251.611 {1	Y_3710	ppm	1.368	0.0174	1.274	1.356	1.381
Sn1899	189.989 {4	In2306	ppm	0.0027	0.0005	18.58	0.0023	0.003
Sr4215	421.552 { 8	Y_3710	ppm	0.0717	0.0001	0.0787	0.0717	0.0718
Ti3349	334.904 {1	Y_3600	ppm	0.0026	0.0007	25.96	0.0031	0.0022
Tl1908	190.856 {4	In2306	ppm	0.0016	0.0003	15.93	0.0018	0.0015
V_2924	292.402 {1	Y_3600	ppm	0.001	0.0001	7.256	0.001	0.0009
Zn2062	206.200 {4	In2306	ppm	0.0317	0.0004	1.369	0.0321	0.0314

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	217.03	1.4445	0.66558	216.01	218.05
In2306	230.606 {4	Cts/S	5250.3	0.97153	0.0185	5249.7	5251
Y_2243	224.306 {4	Cts/S	7171.3	20.564	0.28675	7185.9	7156.8
Y_3600	360.073 { 9	Cts/S	97443	129.47	0.13287	97351	97534
Y_3710	371.030 { 9	Cts/S	9057.7	30.559	0.33738	9036.1	9079.3

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0015	0.0002	11.83	0.0016	0.0014
Al3082	308.215 {1	In2306	ppm	0.0038	0.0481	1253	0.0378	-0.0301
As1890	189.042 {4	Y_2243	ppm	0.0007	0.0004	61.1	0.0004	0.0009
B_2496	249.678 {1	Y_3710	ppm	1.911	0.0059	0.3099	1.907	1.915
Ba4554	455.403 { 7	Y_3710	ppm	0.0421	0.0003	0.5959	0.042	0.0423
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	18.01	0.0001	0.0002
Ca3158	315.887 {1	In2306	ppm	730.5	5.844	0.8001	726.3	734.6
Ca3181	318.128 {1	In2306	ppm	743.9	3.288	0.442	741.6	746.2
Cd2288	228.802 {4	Y_2243	ppm	0.0023	0.0001	5.201	0.0024	0.0023
Co2286	228.616 {4	In2306	ppm	0.0183	0.0011	5.901	0.0191	0.0176
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0003	13.6	0.0017	0.0021
Cu3247	324.754 {1	Y_3600	ppm	0.009	0.0004	4.966	0.0093	0.0087
Fe2404	240.488 {1	In2306	ppm	0.0289	0.0006	2.099	0.0285	0.0294
K_7664	766.490 { 4	Y_3710	ppm	^ *****	-----	-----	174.7	^ -----
K_7698	769.896 { 4	Y_3710	ppm	184.2	3.598	1.954	181.6	186.7
Li6707	670.784 { 5	Y_3710	ppm	0.1464	0.0025	1.741	0.1446	0.1482
Mg2790	279.079 {1	Y_3710	ppm	982.1	8.857	0.9018	988.4	975.9
Mn2576	257.610 {1	Y_3600	ppm	11.18	0.0536	0.4795	11.22	11.14
Mn2576-2	257.610 {1	Y_3710	ppm	12.16	0.0851	0.6994	12.22	12.1
Mo2020	202.030 {4	Y_2243	ppm	-0.0004	0.0003	74.36	-0.0002	-0.0006
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	7743	24.63	0.3181	7761	7726
Ni2316	231.604 {4	In2306	ppm	0.0082	0.001	12.15	0.0089	0.0075
P_1782	178.284 {4	In2306	ppm	0.0571	0.0012	2.019	0.0579	0.0562
Pb2203	220.353 {4	In2306	ppm	0.0033	0.0006	18.15	0.0037	0.0028
S_1820	182.034 {4	Y_2243	ppm	145100	2716	1.871	147100	143200
Sb2068	206.833 {4	Y_2243	ppm	-0.0024	0.0017	72.3	-0.0036	-0.0012
Se1960	196.090 {4	Y_2243	ppm	0.0036	0.0011	29.94	0.0029	0.0044

Si2516	251.611 {1	Y_3710	ppm	12.13	0.0481	0.3963	12.1	12.17
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.0005	112.6	-0.0001	-0.0007
Sr4215	421.552 { 8	Y_3710	ppm	7.88	0.0025	0.0313	7.878	7.881
Ti3349	334.904 {1	Y_3600	ppm	0.0051	0.0002	4.234	0.0049	0.0053
Tl1908	190.856 {4	In2306	ppm	-0.0166	0.002	11.86	-0.018	-0.0152
V_2924	292.402 {1	Y_3600	ppm	-0.0096	0.0005	4.976	-0.01	-0.0093
Zn2062	206.200 {4	In2306	ppm	0.0086	0	0.0064	0.0086	0.0086

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	196.03	3.2625	1.6643	198.34	193.72
In2306	230.606 {4	Cts/S	4153.9	28.081	0.67601	4134	4173.7
Y_2243	224.306 {4	Cts/S	5638.9	39.278	0.69656	5611.1	5666.7
Y_3600	360.073 { 9	Cts/S	60098	228.47	0.38017	60259	59936
Y_3710	371.030 { 9	Cts/S	8858.5	0.75326	0.0085	8858	8859

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0011	0.0002	21.86	0.0013	0.0009
Al3082	308.215 {1	In2306	ppm	0.1874	0.0111	5.896	0.1796	0.1952
As1890	189.042 {4	Y_2243	ppm	0.0004	0	7.931	0.0004	0.0004
B_2496	249.678 {1	Y_3710	ppm	1.138	0.0024	0.2132	1.137	1.14
Ba4554	455.403 { 7	Y_3710	ppm	0.0699	0.0004	0.5749	0.0696	0.0702
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	6.462	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	892.8	8.253	0.9243	887	898.7
Ca3181	318.128 {1	In2306	ppm	899.5	7.397	0.8224	894.2	904.7
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	21.11	0.0003	0.0004
Co2286	228.616 {4	In2306	ppm	0.0029	0.0001	1.723	0.003	0.0029
Cr2677	267.716 {1	Y_3600	ppm	0.0014	0.0004	25.77	0.0017	0.0012
Cu3247	324.754 {1	Y_3600	ppm	0.0035	0.0002	5.083	0.0036	0.0034
Fe2404	240.488 {1	In2306	ppm	0.7729	0.0111	1.44	0.7808	0.7651
K_7664	766.490 { 4	Y_3710	ppm	114.9	1.989	1.731	113.5	116.3
K_7698	769.896 { 4	Y_3710	ppm	118.8	1.813	1.526	117.5	120.1
Li6707	670.784 { 5	Y_3710	ppm	0.2703	0.0051	1.883	0.2667	0.2739
Mg2790	279.079 {1	Y_3710	ppm	812.7	1.015	0.1249	811.9	813.4
Mn2576	257.610 {1	Y_3600	ppm	10.76	0.0624	0.5797	10.8	10.71
Mn2576-2	257.610 {1	Y_3710	ppm	11.42	0.0017	0.0153	11.42	11.42
Mo2020	202.030 {4	Y_2243	ppm	0	0.0002	862.6	-0.0002	0.0001
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	6535	80.84	1.237	6592	6477
Ni2316	231.604 {4	In2306	ppm	0.0019	0.0001	6.961	0.002	0.0018
P_1782	178.284 {4	In2306	ppm	0.0759	0.0028	3.664	0.0778	0.0739
Pb2203	220.353 {4	In2306	ppm	0.003	0.0006	20.17	0.0026	0.0035
S_1820	182.034 {4	Y_2243	ppm	116600	979.9	0.8407	117300	115900
Sb2068	206.833 {4	Y_2243	ppm	-0.0041	0.0017	40.36	-0.003	-0.0053
Se1960	196.090 {4	Y_2243	ppm	0.0038	0	1.166	0.0037	0.0038
Si2516	251.611 {1	Y_3710	ppm	14.81	0.0897	0.6059	14.74	14.87
Sn1899	189.989 {4	In2306	ppm	-0.0003	0.0004	121.2	0	-0.0006

Sr4215	421.552 { 8	Y_3710	ppm	8.043	0.0495	0.616	8.008	8.078
Ti3349	334.904 {1	Y_3600	ppm	0.0084	0.0001	0.8421	0.0084	0.0083
Tl1908	190.856 {4	In2306	ppm	-0.0179	0.0006	3.385	-0.0175	-0.0183
V_2924	292.402 {1	Y_3600	ppm	-0.0084	0.0005	5.383	-0.0081	-0.0088
Zn2062	206.200 {4	In2306	ppm	0.0036	0.0001	1.531	0.0035	0.0036

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	195.13	3.4672	1.7769	197.58	192.68
In2306	230.606 {4	Cts/S	4241.3	1.2113	0.02856	4240.4	4242.1
Y_2243	224.306 {4	Cts/S	5725.8	8.2802	0.14461	5731.7	5720
Y_3600	360.073 { 9	Cts/S	61593	24.551	0.03986	61610	61576
Y_3710	371.030 { 9	Cts/S	8952.8	67.894	0.75836	9000.8	8904.8

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Custom ID3=
Run Time=2/27/2012 9:48:23
Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0009	0.0003	30.33	0.0007	0.0011
Al3082	308.215 {1	In2306	ppm	0.1035	0.0025	2.451	0.1053	0.1017
As1890	189.042 {4	Y_2243	ppm	0.0135	0.0011	8.197	0.0143	0.0127
B_2496	249.678 {1	Y_3710	ppm	1.443	0.0031	0.2162	1.445	1.441
Ba4554	455.403 { 7	Y_3710	ppm	0.071	0.0002	0.3416	0.0711	0.0708
Be3130	313.042 {1	Y_3710	ppm	0	0	26.68	0	0
Ca3158	315.887 {1	In2306	ppm	799.3	5.487	0.6864	803.2	795.4
Ca3181	318.128 {1	In2306	ppm	812.2	7.943	0.9779	817.8	806.6
Cd2288	228.802 {4	Y_2243	ppm	0.0007	0.0003	35.12	0.0009	0.0005
Co2286	228.616 {4	In2306	ppm	0.0049	0.0001	2.387	0.005	0.0049
Cr2677	267.716 {1	Y_3600	ppm	0.002	0.0007	34.6	0.0025	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.0028	0.0002	7.446	0.003	0.0027
Fe2404	240.488 {1	In2306	ppm	6.303	0.0521	0.8259	6.34	6.266
K_7664	766.490 { 4	Y_3710	ppm	219.1	0.3356	0.1531	218.9	219.4
K_7698	769.896 { 4	Y_3710	ppm	230.9	0.6367	0.2757	230.5	231.4
Li6707	670.784 { 5	Y_3710	ppm	0.1727	0	0.0237	0.1727	0.1727
Mg2790	279.079 {1	Y_3710	ppm	585.4	1.364	0.233	586.4	584.4
Mn2576	257.610 {1	Y_3600	ppm	6.469	0.004	0.0616	6.472	6.466
Mn2576-2	257.610 {1	Y_3710	ppm	6.704	0.0203	0.3034	6.718	6.689
Mo2020	202.030 {4	Y_2243	ppm	0.0024	0.0007	29	0.0029	0.0019
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	6862	11.61	0.1692	6853	6870
Ni2316	231.604 {4	In2306	ppm	0.001	0.0002	15.01	0.0011	0.0009
P_1782	178.284 {4	In2306	ppm	0.0769	0.0018	2.362	0.0782	0.0756
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0017	512.9	0.0015	-0.0008
S_1820	182.034 {4	Y_2243	ppm	108400	1045	0.9635	109200	107700
Sb2068	206.833 {4	Y_2243	ppm	-0.0056	0.0016	28.46	-0.0045	-0.0067
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0004	18.61	0.0019	0.0024
Si2516	251.611 {1	Y_3710	ppm	9.287	0.014	0.1503	9.297	9.278
Sn1899	189.989 {4	In2306	ppm	0.0004	0.0008	216.7	-0.0002	0.0009
Sr4215	421.552 { 8	Y_3710	ppm	9.693	0.007	0.0722	9.698	9.688
Ti3349	334.904 {1	Y_3600	ppm	0.0081	0.0012	15.47	0.009	0.0072

Tl1908	190.856 {4	In2306	ppm	-0.0117	0.0018	14.97	-0.013	-0.0105
V_2924	292.402 {1	Y_3600	ppm	-0.0073	0.0005	6.184	-0.007	-0.0076
Zn2062	206.200 {4	In2306	ppm	0.004	0	0.4557	0.004	0.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	194.99	1.7194	0.88179	193.77	196.2
In2306	230.606 {4	Cts/S	4252.4	16.726	0.39333	4240.6	4264.3
Y_2243	224.306 {4	Cts/S	5790.1	38.732	0.66894	5762.7	5817.5
Y_3600	360.073 { 9	Cts/S	61784	83.151	0.13458	61843	61725
Y_3710	371.030 { 9	Cts/S	8860.7	18.166	0.20502	8847.8	8873.5

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2396	0.0008	0.3175	0.2401	0.239
Al3082	308.215 {1	In2306	ppm	2.496	0.0235	0.9409	2.513	2.479
As1890	189.042 {4	Y_2243	ppm	0.4877	0.0012	0.2532	0.4886	0.4868
B_2496	249.678 {1	Y_3710	ppm	0.4623	0.0006	0.1279	0.4619	0.4627
Ba4554	455.403 { 7	Y_3710	ppm	0.4816	0.0017	0.3607	0.4803	0.4828
Be3130	313.042 {1	Y_3710	ppm	0.472	0.0004	0.0756	0.4718	0.4723
Ca3158	315.887 {1	In2306	ppm	12.55	0.0717	0.5714	12.6	12.5
Ca3181	318.128 {1	In2306	ppm	12.42	0.0571	0.4598	12.46	12.38
Cd2288	228.802 {4	Y_2243	ppm	0.4823	0.0011	0.226	0.4831	0.4816
Co2286	228.616 {4	In2306	ppm	0.4844	0.0015	0.319	0.4854	0.4833
Cr2677	267.716 {1	Y_3600	ppm	0.4776	0.0009	0.1884	0.4782	0.477
Cu3247	324.754 {1	Y_3600	ppm	0.4808	0.0006	0.1345	0.4812	0.4803
Fe2404	240.488 {1	In2306	ppm	2.422	0.0395	1.629	2.45	2.394
K_7664	766.490 { 4	Y_3710	ppm	12.85	0.0801	0.6232	12.9	12.79
K_7698	769.896 { 4	Y_3710	ppm	13.06	0.0707	0.5416	13.11	13.01
Li6707	670.784 { 5	Y_3710	ppm	0.5015	0.0026	0.528	0.5034	0.4997
Mg2790	279.079 {1	Y_3710	ppm	4.641	0.0068	0.1459	4.645	4.636
Mn2576	257.610 {1	Y_3600	ppm	0.4762	0.0011	0.2239	0.477	0.4755
Mn2576-2	257.610 {1	Y_3710	ppm	0.4521	0.0036	0.7909	0.4496	0.4546
Mo2020	202.030 {4	Y_2243	ppm	0.4979	0.0018	0.3594	0.4991	0.4966
Na5895	589.592 { 5	Y_3710	ppm	13.64	0.2209	1.619	13.8	13.49
Na8183	818.326 { 4	Y_3710	ppm	12.79	0.0062	0.0486	12.79	12.8
Ni2316	231.604 {4	In2306	ppm	0.4824	0.002	0.4137	0.4839	0.481
P_1782	178.284 {4	In2306	ppm	0.0012	0.0001	9.472	0.0011	0.0013
Pb2203	220.353 {4	In2306	ppm	0.4797	0.0034	0.7107	0.4821	0.4773
S_1820	182.034 {4	Y_2243	ppm	351.6	144	40.95	249.8	453.4
Sb2068	206.833 {4	Y_2243	ppm	0.4889	0.0011	0.2225	0.4896	0.4881
Se1960	196.090 {4	Y_2243	ppm	0.5042	0.0009	0.1739	0.5048	0.5036
Si2516	251.611 {1	Y_3710	ppm	0.879	0.0088	1.005	0.8852	0.8727
Sn1899	189.989 {4	In2306	ppm	0.4833	0.0033	0.6899	0.4857	0.481
Sr4215	421.552 { 8	Y_3710	ppm	0.2471	0.0005	0.1915	0.2468	0.2474
Ti3349	334.904 {1	Y_3600	ppm	0.4812	0.0001	0.0146	0.4812	0.4813
Tl1908	190.856 {4	In2306	ppm	0.4877	0.0089	1.82	0.4939	0.4814
V_2924	292.402 {1	Y_3600	ppm	0.4793	0.0001	0.0187	0.4793	0.4794

Zn2062	206.200 {4	In2306	ppm	0.4797	0.0051	1.058	0.4833	0.4761

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	213.09	1.6308	0.76529	211.94	214.24
In2306	230.606 {4	Cts/S	5269	14.547	0.27609	5279.3	5258.7
Y_2243	224.306 {4	Cts/S	7183.9	30.394	0.42308	7205.4	7162.4
Y_3600	360.073 { 9	Cts/S	96586	40.561	0.04199	96557	96615
Y_3710	371.030 { 9	Cts/S	9104.6	10.741	0.11797	9112.2	9097

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0051	0	0.8849	0.0051	0.0051
Al3082	308.215 {1	In2306	ppm	0.1048	0.0029	2.741	0.1068	0.1027
As1890	189.042 {4	Y_2243	ppm	0.0111	0.0018	15.93	0.0099	0.0124
B_2496	249.678 {1	Y_3710	ppm	0.0066	0.0041	61.93	0.0037	0.0095
Ba4554	455.403 { 7	Y_3710	ppm	0.0104	0.0001	1.107	0.0103	0.0105
Be3130	313.042 {1	Y_3710	ppm	0.005	0	0.8933	0.0051	0.005
Ca3158	315.887 {1	In2306	ppm	0.114	0.0064	5.622	0.1094	0.1185
Ca3181	318.128 {1	In2306	ppm	0.065	0.0612	94.11	0.1082	0.0217
Cd2288	228.802 {4	Y_2243	ppm	0.0072	0.0026	36.07	0.0054	0.0091
Co2286	228.616 {4	In2306	ppm	0.0123	0.0028	22.67	0.0103	0.0143
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0.0002	1.778	0.0099	0.0096
Cu3247	324.754 {1	Y_3600	ppm	0.0119	0.0001	0.9457	0.012	0.0118
Fe2404	240.488 {1	In2306	ppm	0.0934	0.0106	11.33	0.1009	0.0859
K_7664	766.490 { 4	Y_3710	ppm	0.7597	0.021	2.769	0.7746	0.7449
K_7698	769.896 { 4	Y_3710	ppm	0.7698	0.0371	4.814	0.796	0.7436
Li6707	670.784 { 5	Y_3710	ppm	0.0098	0.0004	3.76	0.0096	0.0101
Mg2790	279.079 {1	Y_3710	ppm	0.1329	0.0161	12.12	0.1443	0.1215
Mn2576	257.610 {1	Y_3600	ppm	0.0105	0	0.2786	0.0104	0.0105
Mn2576-2	257.610 {1	Y_3710	ppm	0.0097	0.0002	1.9	0.0095	0.0098
Mo2020	202.030 {4	Y_2243	ppm	0.0138	0.0033	23.8	0.0114	0.0161
Na5895	589.592 { 5	Y_3710	ppm	1.082	0.0078	0.7252	1.087	1.076
Na8183	818.326 { 4	Y_3710	ppm	0.9628	0.0315	3.267	0.985	0.9405
Ni2316	231.604 {4	In2306	ppm	0.0122	0.0026	21.17	0.0104	0.014
P_1782	178.284 {4	In2306	ppm	0.0097	0.0003	2.759	0.0095	0.0099
Pb2203	220.353 {4	In2306	ppm	0.0113	0.0019	16.66	0.0099	0.0126
S_1820	182.034 {4	Y_2243	ppm	15.21	7.847	51.6	9.658	20.76
Sb2068	206.833 {4	Y_2243	ppm	0.0154	0.0013	8.108	0.0146	0.0163
Se1960	196.090 {4	Y_2243	ppm	0.013	0.0019	14.39	0.0117	0.0143
Si2516	251.611 {1	Y_3710	ppm	0.0149	0.0051	34.25	0.0185	0.0113
Sn1899	189.989 {4	In2306	ppm	0.0133	0.0038	28.34	0.0107	0.016
Sr4215	421.552 { 8	Y_3710	ppm	0.0053	0	0.2258	0.0053	0.0053
Ti3349	334.904 {1	Y_3600	ppm	0.0092	0.0001	1.102	0.0092	0.0093
Tl1908	190.856 {4	In2306	ppm	0.018	0.0029	16.19	0.0159	0.02
V_2924	292.402 {1	Y_3600	ppm	0.0096	0.0001	0.9569	0.0096	0.0097
Zn2062	206.200 {4	In2306	ppm	0.0126	0.0027	21.73	0.0107	0.0145

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	204.83	0.33271	0.16243	205.07	204.6
In2306	230.606 {4	Cts/S	5180.1	1.039	0.02006	5179.4	5180.8
Y_2243	224.306 {4	Cts/S	7113.7	0.05208	0.00073	7113.8	7113.7
Y_3600	360.073 { 9	Cts/S	98046	371.76	0.37917	97783	98309
Y_3710	371.030 { 9	Cts/S	8867.5	20.361	0.22961	8853.1	8881.9

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0005	353.4	-0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	-0.0191	0.0248	129.9	-0.0367	-0.0016
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0005	361.8	0.0002	-0.0005
B_2496	249.678 {1	Y_3710	ppm	0.0016	0.0015	96.84	0.0005	0.0027
Ba4554	455.403 { 7	Y_3710	ppm	0.0004	0.0002	50.76	0.0005	0.0002
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	148.2	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.1609	0.0007	0.4651	0.1614	0.1603
Ca3181	318.128 {1	In2306	ppm	0.1012	0.0162	15.97	0.0898	0.1126
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0	8.743	0.0004	0.0004
Co2286	228.616 {4	In2306	ppm	0.0007	0	4.587	0.0006	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0002	170.9	0.0003	0
Cu3247	324.754 {1	Y_3600	ppm	0.0022	0.0003	12.07	0.002	0.0024
Fe2404	240.488 {1	In2306	ppm	0.0032	0.0016	49.25	0.0021	0.0043
K_7664	766.490 { 4	Y_3710	ppm	0.1188	0.0157	13.21	0.1077	0.1299
K_7698	769.896 { 4	Y_3710	ppm	0.1218	0.0031	2.53	0.1196	0.124
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0004	101.5	0.0001	0.0006
Mg2790	279.079 {1	Y_3710	ppm	-0.0031	0.0291	937.1	0.0175	-0.0237
Mn2576	257.610 {1	Y_3600	ppm	0.0041	0	0.6964	0.0041	0.0041
Mn2576-2	257.610 {1	Y_3710	ppm	0.0032	0.0001	4.717	0.0033	0.003
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0002	69.43	0.0001	0.0004
Na5895	589.592 { 5	Y_3710	ppm	0.404	0.0009	0.2128	0.4034	0.4046
Na8183	818.326 { 4	Y_3710	ppm	0.2368	0.1033	43.64	0.3099	0.1637
Ni2316	231.604 {4	In2306	ppm	0.0003	0	9.707	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	0.0019	0.0002	9.991	0.0018	0.0021
Pb2203	220.353 {4	In2306	ppm	0.0014	0.0007	53.35	0.0009	0.0019
S_1820	182.034 {4	Y_2243	ppm	25.35	0.1037	0.4093	25.27	25.42
Sb2068	206.833 {4	Y_2243	ppm	0.0022	0.0006	29.31	0.0017	0.0027
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0006	43.27	0.0017	0.0009
Si2516	251.611 {1	Y_3710	ppm	-0.0015	0.0052	342.3	-0.0052	0.0022
Sn1899	189.989 {4	In2306	ppm	0.0014	0.0001	7.63	0.0014	0.0013
Sr4215	421.552 { 8	Y_3710	ppm	0.0004	0.0002	64.66	0.0005	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0	0.0001	297.3	0.0001	0
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0009	1312	-0.0007	0.0006
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	235.6	0	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0088	0.0001	1.618	0.0089	0.0087

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2

In2306	230.606 {1	Cts/S	199.96	3.2361	1.6184	202.25	197.67
In2306	230.606 {4	Cts/S	5152.1	4.1437	0.08043	5149.2	5155.1
Y_2243	224.306 {4	Cts/S	7068.7	16.614	0.23503	7056.9	7080.4
Y_3600	360.073 { 9	Cts/S	97713	257.44	0.26346	97895	97531
Y_3710	371.030 { 9	Cts/S	8719	1.506	0.01727	8717.9	8720.1

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0	2.072	0.0005	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0137	0.0112	81.6	-0.0058	-0.0217
As1890	189.042 {4	Y_2243	ppm	0.0017	0.0005	30.92	0.0014	0.0021
B_2496	249.678 {1	Y_3710	ppm	0.9079	0.0041	0.453	0.905	0.9108
Ba4554	455.403 { 7	Y_3710	ppm	0.0806	0.0009	1.109	0.08	0.0813
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	94.16	0	0.0001
Ca3158	315.887 {1	In2306	ppm	901.7	2.198	0.2438	903.2	900.1
Ca3181	318.128 {1	In2306	ppm	919	2.929	0.3187	917	921.1
Cd2288	228.802 {4	Y_2243	ppm	0.0008	0	0.1646	0.0008	0.0008
Co2286	228.616 {4	In2306	ppm	0.0007	0	1.046	0.0007	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0051	0.0001	2.704	0.005	0.0052
Cu3247	324.754 {1	Y_3600	ppm	0.0075	0.0003	4.453	0.0073	0.0078
Fe2404	240.488 {1	In2306	ppm	1.063	0.021	1.976	1.048	1.078
K_7664	766.490 { 4	Y_3710	ppm	90	2.552	2.835	88.19	91.8
K_7698	769.896 { 4	Y_3710	ppm	93.08	2.734	2.937	91.15	95.02
Li6707	670.784 { 5	Y_3710	ppm	0.2991	0.0094	3.126	0.2925	0.3058
Mg2790	279.079 {1	Y_3710	ppm	741.5	5.309	0.7161	737.7	745.2
Mn2576	257.610 {1	Y_3600	ppm	0.6811	0.0015	0.223	0.68	0.6821
Mn2576-2	257.610 {1	Y_3710	ppm	0.6701	0.0009	0.1407	0.6694	0.6708
Mo2020	202.030 {4	Y_2243	ppm	0.0013	0	1.65	0.0013	0.0013
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	5576	3.241	0.0581	5578	5574
Ni2316	231.604 {4	In2306	ppm	0.0009	0.0005	49.25	0.0012	0.0006
P_1782	178.284 {4	In2306	ppm	0.0288	0.0011	3.875	0.0296	0.028
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0004	64.21	0.0003	0.0008
S_1820	182.034 {4	Y_2243	ppm	81240	1315	1.619	82170	80310
Sb2068	206.833 {4	Y_2243	ppm	-0.0019	0.0021	112.9	-0.0034	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.0007	45.46	0.0011	0.0021
Si2516	251.611 {1	Y_3710	ppm	9.85	0.1194	1.213	9.766	9.935
Sn1899	189.989 {4	In2306	ppm	-0.0002	0	6.472	-0.0002	-0.0002
Sr4215	421.552 { 8	Y_3710	ppm	7.896	0.0974	1.233	7.827	7.965
Ti3349	334.904 {1	Y_3600	ppm	0.0053	0.0002	3.622	0.0052	0.0054
Tl1908	190.856 {4	In2306	ppm	-0.0012	0.0017	144.7	0	-0.0024
V_2924	292.402 {1	Y_3600	ppm	-0.0065	0.0008	13.05	-0.0059	-0.0071
Zn2062	206.200 {4	In2306	ppm	0.0055	0.0002	4.097	0.0056	0.0053

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	189.95	1.6552	0.8714	191.12	188.77
In2306	230.606 {4	Cts/S	4349	6.7817	0.15594	4353.8	4344.2

Y_2243	224.306 {4	Cts/S	5806.7	7.6208	0.13124	5812.1	5801.3
Y_3600	360.073 { 9	Cts/S	63150	7.9093	0.01252	63145	63156
Y_3710	371.030 { 9	Cts/S	8868.9	93.121	1.05	8934.7	8803

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Custom ID3=
Run Time=2/27/2012 10:01:44
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0.0001	20.46	0.0007	0.0005
Al3082	308.215 {1	In2306	ppm	0.0044	0.0311	712.9	0.0264	-0.0176
As1890	189.042 {4	Y_2243	ppm	0.0027	0.0002	5.507	0.0029	0.0026
B_2496	249.678 {1	Y_3710	ppm	1.692	0.0063	0.3695	1.688	1.697
Ba4554	455.403 { 7	Y_3710	ppm	0.3731	0.0007	0.1946	0.3736	0.3726
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	48.29	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	473.9	4.447	0.9385	470.7	477
Ca3181	318.128 {1	In2306	ppm	474.7	3.97	0.8363	471.9	477.5
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	13.14	0.0005	0.0004
Co2286	228.616 {4	In2306	ppm	0.0032	0.0002	5.32	0.0033	0.0031
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0002	19.97	0.0011	0.0009
Cu3247	324.754 {1	Y_3600	ppm	0.0048	0.0002	3.692	0.0049	0.0046
Fe2404	240.488 {1	In2306	ppm	0.6814	0.0076	1.119	0.676	0.6868
K_7664	766.490 { 4	Y_3710	ppm	91.2	1.109	1.217	91.98	90.41
K_7698	769.896 { 4	Y_3710	ppm	94.09	1.048	1.114	94.83	93.35
Li6707	670.784 { 5	Y_3710	ppm	0.159	0.0028	1.772	0.161	0.157
Mg2790	279.079 {1	Y_3710	ppm	469.7	0.8589	0.1828	469.1	470.3
Mn2576	257.610 {1	Y_3600	ppm	4.141	0.0025	0.0595	4.143	4.14
Mn2576-2	257.610 {1	Y_3710	ppm	4.071	0.0159	0.3908	4.06	4.082
Mo2020	202.030 {4	Y_2243	ppm	0.0017	0.0001	6.995	0.0018	0.0016
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	4449	63.9	1.436	4403	4494
Ni2316	231.604 {4	In2306	ppm	0.0018	0.0003	16.46	0.0016	0.002
P_1782	178.284 {4	In2306	ppm	0.0778	0.0023	2.92	0.0795	0.0762
Pb2203	220.353 {4	In2306	ppm	-0.0001	0.0001	104.1	0	-0.0002
S_1820	182.034 {4	Y_2243	ppm	90650	930.5	1.026	91310	89990
Sb2068	206.833 {4	Y_2243	ppm	-0.0049	0.0003	6.241	-0.0051	-0.0047
Se1960	196.090 {4	Y_2243	ppm	0.0016	0.0005	31.7	0.0012	0.0019
Si2516	251.611 {1	Y_3710	ppm	11.57	0.0683	0.5903	11.62	11.53
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0005	225.7	0.0006	-0.0001
Sr4215	421.552 { 8	Y_3710	ppm	6.139	0.0059	0.0953	6.135	6.143
Ti3349	334.904 {1	Y_3600	ppm	0.0023	0.0001	2.599	0.0024	0.0023
Tl1908	190.856 {4	In2306	ppm	-0.0063	0.0031	49.24	-0.0085	-0.0041
V_2924	292.402 {1	Y_3600	ppm	-0.0055	0.001	18.74	-0.0048	-0.0062
Zn2062	206.200 {4	In2306	ppm	0.0051	0	0.4817	0.0051	0.005

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	191.04	0.50414	0.2639	191.39	190.68
In2306	230.606 {4	Cts/S	4587.4	2.7121	0.05912	4589.3	4585.5
Y_2243	224.306 {4	Cts/S	6055.1	11.026	0.1821	6047.3	6062.9
Y_3600	360.073 { 9	Cts/S	67429	42.577	0.06314	67459	67398

Y_3710	371.030 { 9	Cts/S	8866.4	2.7854	0.03141	8868.4	8864.4	

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0002	241.6	-0.0001	0.0002
Al3082	308.215 {1	In2306	ppm	0.2152	0.0164	7.628	0.2268	0.2036
As1890	189.042 {4	Y_2243	ppm	0.0411	0.0004	0.9396	0.0414	0.0408
B_2496	249.678 {1	Y_3710	ppm	1.033	0.0046	0.4489	1.037	1.03
Ba4554	455.403 { 7	Y_3710	ppm	0.1696	0.0004	0.2157	0.1693	0.1698
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	13.18	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	16.61	0.3782	2.276	16.35	16.88
Ca3181	318.128 {1	In2306	ppm	16.47	0.2646	1.607	16.28	16.65
Cd2288	228.802 {4	Y_2243	ppm	0.0006	0.0001	9.775	0.0005	0.0006
Co2286	228.616 {4	In2306	ppm	0.0006	0.0002	34.22	0.0004	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0017	0	0.9115	0.0017	0.0017
Cu3247	324.754 {1	Y_3600	ppm	0.0041	0.0002	5.885	0.0043	0.0039
Fe2404	240.488 {1	In2306	ppm	1.956	0.035	1.788	1.932	1.981
K_7664	766.490 { 4	Y_3710	ppm	11.54	0.0229	0.1986	11.55	11.52
K_7698	769.896 { 4	Y_3710	ppm	11.75	0.0227	0.1933	11.77	11.74
Li6707	670.784 { 5	Y_3710	ppm	0.0082	0.0002	2.331	0.008	0.0083
Mg2790	279.079 {1	Y_3710	ppm	20.42	0.0068	0.0332	20.42	20.41
Mn2576	257.610 {1	Y_3600	ppm	0.2406	0.0007	0.2832	0.2402	0.2411
Mn2576-2	257.610 {1	Y_3710	ppm	0.2239	0	0.0149	0.2239	0.224
Mo2020	202.030 {4	Y_2243	ppm	0.0338	0.0004	1.089	0.034	0.0335
Na5895	589.592 { 5	Y_3710	ppm	588.9	9.044	1.536	582.5	595.3
Na8183	818.326 { 4	Y_3710	ppm	689.1	1.704	0.2473	687.9	690.3
Ni2316	231.604 {4	In2306	ppm	0.0005	0.0001	29.08	0.0006	0.0004
P_1782	178.284 {4	In2306	ppm	1.268	0.0158	1.246	1.279	1.257
Pb2203	220.353 {4	In2306	ppm	0.0025	0.0004	17.56	0.0028	0.0022
S_1820	182.034 {4	Y_2243	ppm	1438	513.8	35.74	1074	1801
Sb2068	206.833 {4	Y_2243	ppm	-0.0006	0.0009	146.3	-0.0013	0
Se1960	196.090 {4	Y_2243	ppm	0.0015	0.0002	14.99	0.0013	0.0017
Si2516	251.611 {1	Y_3710	ppm	14.95	0.039	0.261	14.92	14.97
Sn1899	189.989 {4	In2306	ppm	0.0006	0.0002	32.31	0.0005	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	0.2153	0.0002	0.0704	0.2151	0.2154
Ti3349	334.904 {1	Y_3600	ppm	0.0053	0.0001	2.477	0.0054	0.0052
Tl1908	190.856 {4	In2306	ppm	0.0023	0.0005	23.11	0.0019	0.0026
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0002	48.48	-0.0003	-0.0006
Zn2062	206.200 {4	In2306	ppm	0.0063	0	0.2859	0.0063	0.0063

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	199.3	3.8873	1.9504	202.05	196.56
In2306	230.606 {4	Cts/S	5383.3	10.405	0.19328	5390.7	5375.9
Y_2243	224.306 {4	Cts/S	6998.9	24.377	0.3483	7016.1	6981.6
Y_3600	360.073 { 9	Cts/S	85947	144.39	0.16799	85845	86050
Y_3710	371.030 { 9	Cts/S	9039.3	12.016	0.13293	9047.8	9030.8

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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	30.74	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.105	0.026	24.73	0.1234	0.0866
As1890	189.042 {4	Y_2243	ppm	0.0029	0.0033	112.2	0.0006	0.0052
B_2496	249.678 {1	Y_3710	ppm	1.125	0.0059	0.5216	1.121	1.13
Ba4554	455.403 { 7	Y_3710	ppm	0.0623	0.0001	0.161	0.0623	0.0624
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	655.7	0	-0.0001
Ca3158	315.887 {1	In2306	ppm	1105	10.57	0.9565	1113	1098
Ca3181	318.128 {1	In2306	ppm	1122	10.38	0.9248	1129	1115
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	18.27	0.0004	0.0005
Co2286	228.616 {4	In2306	ppm	0.0043	0.0004	10.17	0.0046	0.004
Cr2677	267.716 {1	Y_3600	ppm	0.0189	0.0009	4.87	0.0195	0.0182
Cu3247	324.754 {1	Y_3600	ppm	0.006	0.0002	3.96	0.0061	0.0058
Fe2404	240.488 {1	In2306	ppm	3.198	0.0211	0.659	3.213	3.183
K_7664	766.490 { 4	Y_3710	ppm	93.41	0.6375	0.6824	92.96	93.86
K_7698	769.896 { 4	Y_3710	ppm	96.21	0.6249	0.6496	95.76	96.65
Li6707	670.784 { 5	Y_3710	ppm	0.2501	0.0024	0.9782	0.2484	0.2519
Mg2790	279.079 {1	Y_3710	ppm	829	0.7008	0.0845	829.5	828.5
Mn2576	257.610 {1	Y_3600	ppm	3.184	0.0998	3.133	3.255	3.114
Mn2576-2	257.610 {1	Y_3710	ppm	3.177	0.0012	0.0367	3.177	3.178
Mo2020	202.030 {4	Y_2243	ppm	0.0103	0.0002	2.192	0.0102	0.0105
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	6753	98.63	1.461	6683	6823
Ni2316	231.604 {4	In2306	ppm	0.2131	0.0111	5.218	0.221	0.2052
P_1782	178.284 {4	In2306	ppm	0.069	0.034	49.19	0.045	0.093
Pb2203	220.353 {4	In2306	ppm	0.0007	0.0007	99.69	0.0011	0.0002
S_1820	182.034 {4	Y_2243	ppm	149100	3632	2.436	151600	146500
Sb2068	206.833 {4	Y_2243	ppm	-0.0032	0.0029	90.66	-0.0011	-0.0052
Se1960	196.090 {4	Y_2243	ppm	0.0023	0.0004	17.03	0.0021	0.0026
Si2516	251.611 {1	Y_3710	ppm	10.58	0.0122	0.115	10.57	10.58
Sn1899	189.989 {4	In2306	ppm	-0.0006	0.0008	121.1	-0.0001	-0.0012
Sr4215	421.552 { 8	Y_3710	ppm	9.312	0.1427	1.533	9.211	9.413
Ti3349	334.904 {1	Y_3600	ppm	0.0076	0.0005	6.354	0.0079	0.0073
Tl1908	190.856 {4	In2306	ppm	-0.0025	0.0004	17.83	-0.0022	-0.0028
V_2924	292.402 {1	Y_3600	ppm	-0.008	0.0004	4.748	-0.0082	-0.0077
Zn2062	206.200 {4	In2306	ppm	0.0044	0.0001	3.27	0.0046	0.0043

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	182.72	1.5634	0.85562	181.61	183.82
In2306	230.606 {4	Cts/S	4167.7	56.176	1.3479	4128	4207.4
Y_2243	224.306 {4	Cts/S	5568	68.293	1.2265	5519.7	5616.3
Y_3600	360.073 { 9	Cts/S	61643	1303.2	2.1142	60722	62565
Y_3710	371.030 { 9	Cts/S	8850.3	8.6861	0.09814	8844.1	8856.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0001	33.79	0.0004	0.0002
Al3082	308.215 {1	In2306	ppm	0.0168	0.0088	52.37	0.0106	0.023
As1890	189.042 {4	Y_2243	ppm	0.024	0.0007	3.023	0.0235	0.0245
B_2496	249.678 {1	Y_3710	ppm	0.8067	0.0034	0.4237	0.8091	0.8043
Ba4554	455.403 { 7	Y_3710	ppm	2.983	0.0295	0.9874	3.004	2.962
Be3130	313.042 {1	Y_3710	ppm	0	0	91.83	0	0
Ca3158	315.887 {1	In2306	ppm	467.2	3.018	0.646	469.4	465.1
Ca3181	318.128 {1	In2306	ppm	458.4	5.144	1.122	462	454.7
Cd2288	228.802 {4	Y_2243	ppm	0.0005	0.0001	11.42	0.0005	0.0006
Co2286	228.616 {4	In2306	ppm	0.0006	0	1.061	0.0006	0.0006
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0006	61.19	0.0014	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0041	0.0003	7.524	0.0039	0.0043
Fe2404	240.488 {1	In2306	ppm	22.35	0.3204	1.434	22.57	22.12
K_7664	766.490 { 4	Y_3710	ppm	87.13	1.58	1.813	88.25	86.01
K_7698	769.896 { 4	Y_3710	ppm	89.59	1.674	1.868	90.77	88.41
Li6707	670.784 { 5	Y_3710	ppm	0.0519	0.0016	3.012	0.053	0.0507
Mg2790	279.079 {1	Y_3710	ppm	359.6	0.7509	0.2088	359.1	360.1
Mn2576	257.610 {1	Y_3600	ppm	4.086	0.0009	0.023	4.086	4.085
Mn2576-2	257.610 {1	Y_3710	ppm	3.854	0.002	0.0529	3.856	3.853
Mo2020	202.030 {4	Y_2243	ppm	0.0036	0	0.863	0.0036	0.0036
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3860	12.51	0.3241	3869	3851
Ni2316	231.604 {4	In2306	ppm	-0.0006	0.002	333.2	-0.002	0.0008
P_1782	178.284 {4	In2306	ppm	2.438	0.0396	1.625	2.466	2.41
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0003	32.91	0.001	0.0006
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	213.6	^ -----
Sb2068	206.833 {4	Y_2243	ppm	-0.0073	0.0008	10.49	-0.0068	-0.0079
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0003	30.15	0.0012	0.0008
Si2516	251.611 {1	Y_3710	ppm	14.57	0.0994	0.6818	14.64	14.5
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0005	285.2	-0.0005	0.0002
Sr4215	421.552 { 8	Y_3710	ppm	4.478	0.0321	0.7162	4.5	4.455
Ti3349	334.904 {1	Y_3600	ppm	0.0031	0.0004	12.39	0.0033	0.0028
Tl1908	190.856 {4	In2306	ppm	-0.0062	0.0015	24.43	-0.0073	-0.0051
V_2924	292.402 {1	Y_3600	ppm	-0.0053	0.0001	1.766	-0.0053	-0.0052
Zn2062	206.200 {4	In2306	ppm	0.0056	0.0001	1.232	0.0056	0.0055

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	191.09	3.6749	1.9231	188.49	193.69
In2306	230.606 {4	Cts/S	4689.3	9.4629	0.2018	4682.6	4696
Y_2243	224.306 {4	Cts/S	6217.5	8.0937	0.13018	6211.7	6223.2
Y_3600	360.073 { 9	Cts/S	68923	151.8	0.22024	69030	68816
Y_3710	371.030 { 9	Cts/S	9173.6	43.443	0.47357	9142.9	9204.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0004	116.7	0.0006	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0041	0.033	805.1	0.0192	-0.0274
As1890	189.042 {4	Y_2243	ppm	0.0148	0.0003	1.724	0.0146	0.015
B_2496	249.678 {1	Y_3710	ppm	0.7807	0.0085	1.088	0.7747	0.7867
Ba4554	455.403 { 7	Y_3710	ppm	3.517	0.0186	0.5288	3.504	3.53
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	25	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	528	6.822	1.292	532.8	523.2
Ca3181	318.128 {1	In2306	ppm	527.4	7.498	1.422	532.7	522.1
Cd2288	228.802 {4	Y_2243	ppm	0.0005	0	3.591	0.0005	0.0005
Co2286	228.616 {4	In2306	ppm	0.0017	0	2.208	0.0017	0.0017
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0002	11.91	0.0012	0.0014
Cu3247	324.754 {1	Y_3600	ppm	0.0039	0	0.6928	0.0039	0.0039
Fe2404	240.488 {1	In2306	ppm	10.28	0.0616	0.599	10.32	10.24
K_7664	766.490 { 4	Y_3710	ppm	56.92	1.007	1.769	56.21	57.63
K_7698	769.896 { 4	Y_3710	ppm	58.54	0.966	1.65	57.85	59.22
Li6707	670.784 { 5	Y_3710	ppm	0.1806	0.0044	2.424	0.1775	0.1837
Mg2790	279.079 {1	Y_3710	ppm	302.1	2.281	0.7549	303.7	300.5
Mn2576	257.610 {1	Y_3600	ppm	4.653	0.0089	0.1914	4.659	4.647
Mn2576-2	257.610 {1	Y_3710	ppm	4.465	0.018	0.4032	4.478	4.453
Mo2020	202.030 {4	Y_2243	ppm	0.0048	0.0007	14.11	0.0053	0.0043
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3454	66.89	1.937	3407	3502
Ni2316	231.604 {4	In2306	ppm	0.0001	0.0003	271.4	-0.0001	0.0003
P_1782	178.284 {4	In2306	ppm	0.2201	0.077	35	0.1656	0.2746
Pb2203	220.353 {4	In2306	ppm	0.0008	0.0006	66.67	0.0004	0.0012
S_1820	182.034 {4	Y_2243	ppm	546.7	349.1	63.86	299.8	793.5
Sb2068	206.833 {4	Y_2243	ppm	-0.007	0.0001	1.26	-0.0069	-0.007
Se1960	196.090 {4	Y_2243	ppm	0.0018	0.0011	62.75	0.001	0.0026
Si2516	251.611 {1	Y_3710	ppm	10.06	0.0531	0.5282	10.02	10.1
Sn1899	189.989 {4	In2306	ppm	-0.0002	0.0002	137.2	0	-0.0004
Sr4215	421.552 { 8	Y_3710	ppm	4.589	0.0172	0.3759	4.576	4.601
Ti3349	334.904 {1	Y_3600	ppm	0.0029	0.0007	23.37	0.0034	0.0024
Tl1908	190.856 {4	In2306	ppm	-0.0087	0.0001	0.5798	-0.0088	-0.0087
V_2924	292.402 {1	Y_3600	ppm	-0.0052	0.0001	2.262	-0.0052	-0.0053
Zn2062	206.200 {4	In2306	ppm	0.006	0	0.7997	0.0061	0.006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	188.92	0.16546	0.08759	188.8	189.04
In2306	230.606 {4	Cts/S	4759	34.397	0.72279	4734.6	4783.3
Y_2243	224.306 {4	Cts/S	6278.4	63.147	1.0058	6233.7	6323
Y_3600	360.073 { 9	Cts/S	70150	307.54	0.4384	70368	69933
Y_3710	371.030 { 9	Cts/S	8976	21.136	0.23548	8991	8961.1

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Comment=
Custom ID1=

Custom ID2=
Custom ID3=
Run Time=2/27/2012 10:15:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0006	0	2.896	0.0006	0.0006
Al3082	308.215 {1	In2306	ppm	-0.0126	0.0198	157.2	-0.0266	0.0014
As1890	189.042 {4	Y_2243	ppm	0.0129	0.0017	13.48	0.0141	0.0117
B_2496	249.678 {1	Y_3710	ppm	0.7881	0.0049	0.6276	0.7846	0.7916
Ba4554	455.403 { 7	Y_3710	ppm	3.614	0.036	0.9973	3.639	3.588
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	56.56	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	524.2	1.419	0.2708	523.2	525.2
Ca3181	318.128 {1	In2306	ppm	531.8	1.67	0.3141	533	530.6
Cd2288	228.802 {4	Y_2243	ppm	0.0008	0.0002	22.48	0.0009	0.0007
Co2286	228.616 {4	In2306	ppm	0.0016	0	1.919	0.0016	0.0016
Cr2677	267.716 {1	Y_3600	ppm	0.0012	0.0001	4.476	0.0012	0.0012
Cu3247	324.754 {1	Y_3600	ppm	0.004	0.0003	6.49	0.0038	0.0042
Fe2404	240.488 {1	In2306	ppm	10.38	0.0743	0.7159	10.43	10.33
K_7664	766.490 { 4	Y_3710	ppm	57.78	0.1468	0.254	57.68	57.89
K_7698	769.896 { 4	Y_3710	ppm	59.45	0.1947	0.3275	59.59	59.31
Li6707	670.784 { 5	Y_3710	ppm	0.1838	0.0006	0.3247	0.1834	0.1842
Mg2790	279.079 {1	Y_3710	ppm	306.2	1.45	0.4735	307.3	305.2
Mn2576	257.610 {1	Y_3600	ppm	4.666	0.0281	0.6026	4.686	4.646
Mn2576-2	257.610 {1	Y_3710	ppm	4.523	0.0393	0.868	4.551	4.495
Mo2020	202.030 {4	Y_2243	ppm	0.0055	0.0008	13.86	0.0061	0.005
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3476	69.71	2.005	3526	3427
Ni2316	231.604 {4	In2306	ppm	-0.0005	0.0003	69.41	-0.0002	-0.0007
P_1782	178.284 {4	In2306	ppm	0.149	0.0032	2.128	0.1513	0.1468
Pb2203	220.353 {4	In2306	ppm	0.0037	0.0028	75.26	0.0017	0.0056
S_1820	182.034 {4	Y_2243	ppm	244.4	4.724	1.933	241	247.7
Sb2068	206.833 {4	Y_2243	ppm	-0.0063	0.0001	1.472	-0.0064	-0.0063
Se1960	196.090 {4	Y_2243	ppm	0.0037	0.0001	2.365	0.0036	0.0038
Si2516	251.611 {1	Y_3710	ppm	10.14	0.0467	0.4606	10.17	10.11
Sn1899	189.989 {4	In2306	ppm	-0.0006	0.0009	141.5	0	-0.0013
Sr4215	421.552 { 8	Y_3710	ppm	4.692	0.0425	0.905	4.722	4.662
Ti3349	334.904 {1	Y_3600	ppm	0.0028	0.0002	8.823	0.0029	0.0026
Tl1908	190.856 {4	In2306	ppm	-0.0064	0.0001	1.42	-0.0065	-0.0064
V_2924	292.402 {1	Y_3600	ppm	-0.0052	0.0004	7.448	-0.0049	-0.0055
Zn2062	206.200 {4	In2306	ppm	0.0064	0.0002	3.261	0.0066	0.0063

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	188.53	0.01324	0.00702	188.54	188.52
In2306	230.606 {4	Cts/S	4683.3	70.911	1.5141	4633.1	4733.4
Y_2243	224.306 {4	Cts/S	6185.7	100.1	1.6183	6114.9	6256.5
Y_3600	360.073 { 9	Cts/S	70251	412.66	0.58741	69959	70543
Y_3710	371.030 { 9	Cts/S	8867.1	42.511	0.47943	8837	8897.1

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Custom ID1=
Custom ID2=
Custom ID3=

Run Time=2/27/2012 10:17:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.6399	0.004	0.6271	0.6428	0.6371
Al3082	308.215 {1	In2306	ppm	11.53	0.0567	0.4913	11.49	11.57
As1890	189.042 {4	Y_2243	ppm	1.053	0.0061	0.5795	1.057	1.048
B_2496	249.678 {1	Y_3710	ppm	1.612	0.0031	0.1924	1.61	1.614
Ba4554	455.403 { 7	Y_3710	ppm	4.741	0.0409	0.8623	4.712	4.77
Be3130	313.042 {1	Y_3710	ppm	0.3981	0.0005	0.1276	0.3977	0.3985
Ca3158	315.887 {1	In2306	ppm	551.4	3.586	0.6504	553.9	548.8
Ca3181	318.128 {1	In2306	ppm	556	1.426	0.2565	557	555
Cd2288	228.802 {4	Y_2243	ppm	0.5642	0.0068	1.209	0.569	0.5594
Co2286	228.616 {4	In2306	ppm	0.9521	0.0163	1.716	0.9637	0.9406
Cr2677	267.716 {1	Y_3600	ppm	0.8683	0.007	0.8098	0.8732	0.8633
Cu3247	324.754 {1	Y_3600	ppm	1.108	0.0048	0.4335	1.111	1.105
Fe2404	240.488 {1	In2306	ppm	20.57	0.0002	0.0008	20.57	20.57
K_7664	766.490 { 4	Y_3710	ppm	69.86	0.5978	0.8558	69.44	70.28
K_7698	769.896 { 4	Y_3710	ppm	71.81	0.6133	0.854	71.38	72.25
Li6707	670.784 { 5	Y_3710	ppm	0.696	0.0085	1.215	0.69	0.702
Mg2790	279.079 {1	Y_3710	ppm	319.4	0.1557	0.0488	319.3	319.5
Mn2576	257.610 {1	Y_3600	ppm	5.544	0.0094	0.1693	5.55	5.537
Mn2576-2	257.610 {1	Y_3710	ppm	5.435	0.0222	0.4076	5.42	5.451
Mo2020	202.030 {4	Y_2243	ppm	1.014	0.017	1.675	1.026	1.002
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3629	7.388	0.2036	3635	3624
Ni2316	231.604 {4	In2306	ppm	0.9627	0.0157	1.635	0.9738	0.9515
P_1782	178.284 {4	In2306	ppm	0.1482	0.0019	1.253	0.1495	0.1469
Pb2203	220.353 {4	In2306	ppm	1.072	0.0193	1.798	1.085	1.058
S_1820	182.034 {4	Y_2243	ppm	233.8	0.4369	0.1869	233.5	234.1
Sb2068	206.833 {4	Y_2243	ppm	1.115	0.0144	1.293	1.125	1.105
Se1960	196.090 {4	Y_2243	ppm	1.109	0.005	0.4535	1.113	1.106
Si2516	251.611 {1	Y_3710	ppm	11.14	0.0538	0.4832	11.1	11.18
Sn1899	189.989 {4	In2306	ppm	0.9891	0.0168	1.694	1.001	0.9772
Sr4215	421.552 { 8	Y_3710	ppm	5.265	0.0396	0.7519	5.237	5.293
Ti3349	334.904 {1	Y_3600	ppm	0.9029	0.0014	0.1575	0.9039	0.9018
Tl1908	190.856 {4	In2306	ppm	1.187	0.0361	3.044	1.212	1.161
V_2924	292.402 {1	Y_3600	ppm	0.8818	0.0142	1.611	0.8717	0.8918
Zn2062	206.200 {4	In2306	ppm	0.786	0.014	1.779	0.7958	0.7761

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	186.71	0.17655	0.09456	186.83	186.58
In2306	230.606 {4	Cts/S	4726.8	12.482	0.26407	4735.6	4717.9
Y_2243	224.306 {4	Cts/S	6252.4	39.423	0.63052	6280.3	6224.5
Y_3600	360.073 { 9	Cts/S	70351	248.55	0.3533	70175	70527
Y_3710	371.030 { 9	Cts/S	8851.7	28.439	0.32128	8871.8	8831.6

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Custom ID3=
Run Time=2/27/2012 10:20:28
Sample Type=Unk

Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.6345	0.0007	0.1036	0.635	0.634
Al3082	308.215 {1	In2306	ppm	11.45	0.0297	0.2596	11.47	11.42
As1890	189.042 {4	Y_2243	ppm	1.041	0.0052	0.4974	1.045	1.037
B_2496	249.678 {1	Y_3710	ppm	1.595	0.0011	0.0694	1.594	1.596
Ba4554	455.403 { 7	Y_3710	ppm	4.691	0.0199	0.4241	4.705	4.677
Be3130	313.042 {1	Y_3710	ppm	0.3926	0.0006	0.1531	0.3922	0.3931
Ca3158	315.887 {1	In2306	ppm	543.1	5.181	0.954	539.4	546.8
Ca3181	318.128 {1	In2306	ppm	544.1	4.605	0.8463	540.9	547.4
Cd2288	228.802 {4	Y_2243	ppm	0.5617	0.0055	0.9861	0.5656	0.5578
Co2286	228.616 {4	In2306	ppm	0.9421	0.0114	1.205	0.9501	0.9341
Cr2677	267.716 {1	Y_3600	ppm	0.8691	0.0071	0.8152	0.8741	0.8641
Cu3247	324.754 {1	Y_3600	ppm	1.114	0.0014	0.123	1.113	1.115
Fe2404	240.488 {1	In2306	ppm	20.22	0.2162	1.069	20.07	20.37
K_7664	766.490 { 4	Y_3710	ppm	70.29	0.2946	0.4191	70.5	70.09
K_7698	769.896 { 4	Y_3710	ppm	72.27	0.3052	0.4223	72.48	72.05
Li6707	670.784 { 5	Y_3710	ppm	0.6999	0.0053	0.761	0.7036	0.6961
Mg2790	279.079 {1	Y_3710	ppm	314.8	1.775	0.5639	313.5	316
Mn2576	257.610 {1	Y_3600	ppm	5.476	0.025	0.4572	5.494	5.458
Mn2576-2	257.610 {1	Y_3710	ppm	5.321	0.0008	0.015	5.321	5.32
Mo2020	202.030 {4	Y_2243	ppm	1.016	0.0066	0.6486	1.021	1.011
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3652	42.65	1.168	3682	3622
Ni2316	231.604 {4	In2306	ppm	0.9497	0.011	1.159	0.9575	0.9419
P_1782	178.284 {4	In2306	ppm	0.1436	0.0001	0.0933	0.1437	0.1435
Pb2203	220.353 {4	In2306	ppm	1.059	0.0137	1.29	1.069	1.049
S_1820	182.034 {4	Y_2243	ppm	228.7	1.235	0.5401	229.5	227.8
Sb2068	206.833 {4	Y_2243	ppm	1.125	0.0138	1.229	1.135	1.115
Se1960	196.090 {4	Y_2243	ppm	1.101	0.0082	0.7465	1.106	1.095
Si2516	251.611 {1	Y_3710	ppm	10.91	0.0782	0.7168	10.97	10.85
Sn1899	189.989 {4	In2306	ppm	0.9793	0.0119	1.212	0.9877	0.9709
Sr4215	421.552 { 8	Y_3710	ppm	5.188	0.0254	0.4903	5.206	5.17
Ti3349	334.904 {1	Y_3600	ppm	0.9137	0.004	0.4352	0.9165	0.9108
Tl1908	190.856 {4	In2306	ppm	1.172	0.0271	2.314	1.191	1.152
V_2924	292.402 {1	Y_3600	ppm	0.9032	0.0001	0.0082	0.9031	0.9032
Zn2062	206.200 {4	In2306	ppm	0.7786	0.0088	1.131	0.7848	0.7724

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	187.48	0.67467	0.35987	187.95	187
In2306	230.606 {4	Cts/S	4739.7	13.475	0.28431	4730.2	4749.2
Y_2243	224.306 {4	Cts/S	6254.2	0.43258	0.00692	6253.9	6254.5
Y_3600	360.073 { 9	Cts/S	70101	5.2078	0.00743	70098	70105
Y_3710	371.030 { 9	Cts/S	8878.7	0.10636	0.0012	8878.8	8878.6

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Custom ID3=
Run Time=2/27/2012 10:22:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000

Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0001	38.59	0.0005	0.0003
Al3082	308.215 {1	In2306	ppm	0.0331	0.0058	17.62	0.0372	0.029
As1890	189.042 {4	Y_2243	ppm	0.0248	0.0138	55.56	0.0151	0.0345
B_2496	249.678 {1	Y_3710	ppm	2.252	0.0167	0.7431	2.24	2.264
Ba4554	455.403 { 7	Y_3710	ppm	0.2263	0.0025	1.104	0.2245	0.2281
Be3130	313.042 {1	Y_3710	ppm	0	0.0002	304.5	0.0002	-0.0001
Ca3158	315.887 {1	In2306	ppm	152.8	2.534	1.658	151	154.6
Ca3181	318.128 {1	In2306	ppm	153.8	3.448	2.242	151.4	156.3
Cd2288	228.802 {4	Y_2243	ppm	0.0072	0.0083	115.6	0.0013	0.013
Co2286	228.616 {4	In2306	ppm	0.014	0.015	106.7	0.0034	0.0246
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0007	68.66	0.0015	0.0005
Cu3247	324.754 {1	Y_3600	ppm	0.0028	0	1.711	0.0028	0.0028
Fe2404	240.488 {1	In2306	ppm	4.03	0.1144	2.839	3.949	4.11
K_7664	766.490 { 4	Y_3710	ppm	86.59	0.8885	1.026	85.96	87.22
K_7698	769.896 { 4	Y_3710	ppm	88.76	0.9046	1.019	88.12	89.4
Li6707	670.784 { 5	Y_3710	ppm	0.0664	0.0006	0.9538	0.066	0.0669
Mg2790	279.079 {1	Y_3710	ppm	203.6	2.576	1.265	201.8	205.5
Mn2576	257.610 {1	Y_3600	ppm	1.385	0.0029	0.2076	1.383	1.387
Mn2576-2	257.610 {1	Y_3710	ppm	1.306	0.0078	0.5972	1.301	1.312
Mo2020	202.030 {4	Y_2243	ppm	0.0297	0.0175	58.85	0.0173	0.042
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3051	5.104	0.1673	3048	3055
Ni2316	231.604 {4	In2306	ppm	0.0121	0.0151	124.6	0.0014	0.0227
P_1782	178.284 {4	In2306	ppm	0.0461	0.0022	4.754	0.0446	0.0477
Pb2203	220.353 {4	In2306	ppm	0.0116	0.0166	142.9	-0.0001	0.0233
S_1820	182.034 {4	Y_2243	ppm	30110	331.7	1.102	30340	29870
Sb2068	206.833 {4	Y_2243	ppm	0.0233	0.0189	81.22	0.0099	0.0367
Se1960	196.090 {4	Y_2243	ppm	0.0121	0.013	107.2	0.0029	0.0213
Si2516	251.611 {1	Y_3710	ppm	9.636	0.107	1.111	9.56	9.712
Sn1899	189.989 {4	In2306	ppm	0.0153	0.0175	114.3	0.0029	0.0276
Sr4215	421.552 { 8	Y_3710	ppm	2.104	0.0195	0.9276	2.09	2.117
Ti3349	334.904 {1	Y_3600	ppm	0.0022	0.0004	17.98	0.0019	0.0025
Tl1908	190.856 {4	In2306	ppm	0.0211	0.02	94.75	0.007	0.0353
V_2924	292.402 {1	Y_3600	ppm	-0.004	0.0006	16.12	-0.0035	-0.0044
Zn2062	206.200 {4	In2306	ppm	0.0156	0.0124	79.21	0.0069	0.0243

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	186.4	4.5185	2.424	189.6	183.21
In2306	230.606 {4	Cts/S	4942.6	12.415	0.25119	4951.4	4933.8
Y_2243	224.306 {4	Cts/S	6457.6	21.728	0.33647	6473	6442.3
Y_3600	360.073 { 9	Cts/S	73260	98.734	0.13477	73330	73190
Y_3710	371.030 { 9	Cts/S	8872.3	93.533	1.0542	8938.4	8806.2

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SampleName=CCV 803401
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Custom ID3=
Run Time=2/27/2012 10:25:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2373	0.0009	0.3897	0.2367	0.238
Al3082	308.215 {1	In2306	ppm	2.631	0.0518	1.969	2.594	2.667
As1890	189.042 {4	Y_2243	ppm	0.496	0.0007	0.15	0.4965	0.4954
B_2496	249.678 {1	Y_3710	ppm	0.4329	0.0047	1.088	0.4296	0.4362
Ba4554	455.403 { 7	Y_3710	ppm	0.5241	0.0027	0.5079	0.5223	0.526
Be3130	313.042 {1	Y_3710	ppm	0.4593	0.0003	0.0621	0.4591	0.4595
Ca3158	315.887 {1	In2306	ppm	13.13	0.0481	0.3667	13.09	13.16
Ca3181	318.128 {1	In2306	ppm	13	0.0892	0.6859	12.94	13.07
Cd2288	228.802 {4	Y_2243	ppm	0.4843	0.0008	0.1698	0.4849	0.4837
Co2286	228.616 {4	In2306	ppm	0.482	0.0023	0.4716	0.4836	0.4804
Cr2677	267.716 {1	Y_3600	ppm	0.473	0.0061	1.287	0.4773	0.4687
Cu3247	324.754 {1	Y_3600	ppm	0.4808	0.0012	0.2412	0.4817	0.48
Fe2404	240.488 {1	In2306	ppm	2.505	0.0227	0.9068	2.488	2.521
K_7664	766.490 { 4	Y_3710	ppm	14.73	0.1447	0.9823	14.63	14.83
K_7698	769.896 { 4	Y_3710	ppm	14.81	0.0605	0.4086	14.77	14.86
Li6707	670.784 { 5	Y_3710	ppm	0.5872	0.0095	1.618	0.5805	0.5939
Mg2790	279.079 {1	Y_3710	ppm	4.356	0.0223	0.5112	4.372	4.34
Mn2576	257.610 {1	Y_3600	ppm	0.4699	0.0014	0.2878	0.469	0.4709
Mn2576-2	257.610 {1	Y_3710	ppm	0.4326	0.003	0.7025	0.4347	0.4304
Mo2020	202.030 {4	Y_2243	ppm	0.5101	0.0033	0.6438	0.5124	0.5078
Na5895	589.592 { 5	Y_3710	ppm	15.68	0.0926	0.5908	15.61	15.74
Na8183	818.326 { 4	Y_3710	ppm	13.84	0.0684	0.4942	13.89	13.79
Ni2316	231.604 {4	In2306	ppm	0.4869	0.0029	0.5854	0.489	0.4849
P_1782	178.284 {4	In2306	ppm	0.0005	0.0003	64.88	0.0003	0.0007
Pb2203	220.353 {4	In2306	ppm	0.4794	0.0046	0.95	0.4826	0.4762
S_1820	182.034 {4	Y_2243	ppm	256	23.56	9.202	239.3	272.7
Sb2068	206.833 {4	Y_2243	ppm	0.4951	0.001	0.2115	0.4959	0.4944
Se1960	196.090 {4	Y_2243	ppm	0.5153	0.0038	0.7453	0.518	0.5126
Si2516	251.611 {1	Y_3710	ppm	0.8434	0.009	1.067	0.8371	0.8498
Sn1899	189.989 {4	In2306	ppm	0.4798	0.0017	0.3635	0.481	0.4786
Sr4215	421.552 { 8	Y_3710	ppm	0.2625	0.0014	0.5271	0.2615	0.2634
Ti3349	334.904 {1	Y_3600	ppm	0.4704	0.0014	0.3051	0.4714	0.4693
Tl1908	190.856 {4	In2306	ppm	0.4965	0.0035	0.7068	0.499	0.494
V_2924	292.402 {1	Y_3600	ppm	0.4696	0.0008	0.169	0.4702	0.469
Zn2062	206.200 {4	In2306	ppm	0.4807	0.0046	0.9479	0.4839	0.4775

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	187.03	2.6413	1.4123	188.89	185.16
In2306	230.606 {4	Cts/S	5246.9	10.915	0.20803	5254.6	5239.2
Y_2243	224.306 {4	Cts/S	7064.1	29.743	0.42104	7085.2	7043.1
Y_3600	360.073 { 9	Cts/S	97131	54.193	0.05579	97093	97169
Y_3710	371.030 { 9	Cts/S	8702.9	22.175	0.2548	8718.6	8687.2

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2

Ag3280	328.068 {1	Y_3600	ppm	0.0051	0.0002	4.483	0.0049	0.0053
Al3082	308.215 {1	In2306	ppm	0.0913	0.0212	23.25	0.1063	0.0763
As1890	189.042 {4	Y_2243	ppm	0.0119	0.002	17.11	0.0104	0.0133
B_2496	249.678 {1	Y_3710	ppm	0.0099	0.0038	38.46	0.0126	0.0072
Ba4554	455.403 { 7	Y_3710	ppm	0.0108	0.0002	1.982	0.011	0.0107
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0001	1.466	0.0047	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1202	0.002	1.659	0.1216	0.1188
Ca3181	318.128 {1	In2306	ppm	0.048	0.0116	24.11	0.0561	0.0398
Cd2288	228.802 {4	Y_2243	ppm	0.0082	0.004	48.96	0.0054	0.0111
Co2286	228.616 {4	In2306	ppm	0.0137	0.0042	30.8	0.0107	0.0166
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0	0.2644	0.0097	0.0098
Cu3247	324.754 {1	Y_3600	ppm	0.0113	0.0007	6.55	0.0118	0.0108
Fe2404	240.488 {1	In2306	ppm	0.1034	0.011	10.65	0.0956	0.1112
K_7664	766.490 { 4	Y_3710	ppm	0.835	0.0184	2.203	0.848	0.822
K_7698	769.896 { 4	Y_3710	ppm	0.929	0.0366	3.94	0.9549	0.9032
Li6707	670.784 { 5	Y_3710	ppm	0.0121	0.0004	3.117	0.0124	0.0118
Mg2790	279.079 {1	Y_3710	ppm	0.1035	0.0151	14.6	0.1142	0.0928
Mn2576	257.610 {1	Y_3600	ppm	0.0102	0	0.0981	0.0102	0.0102
Mn2576-2	257.610 {1	Y_3710	ppm	0.0097	0.0004	3.869	0.01	0.0095
Mo2020	202.030 {4	Y_2243	ppm	0.0153	0.0047	30.55	0.012	0.0186
Na5895	589.592 { 5	Y_3710	ppm	1.451	0.0338	2.332	1.475	1.427
Na8183	818.326 { 4	Y_3710	ppm	0.9639	0.1653	17.15	0.8469	1.081
Ni2316	231.604 {4	In2306	ppm	0.0137	0.0042	30.79	0.0108	0.0167
P_1782	178.284 {4	In2306	ppm	0.0127	0.0004	3.336	0.013	0.0124
Pb2203	220.353 {4	In2306	ppm	0.0136	0.0028	20.38	0.0116	0.0155
S_1820	182.034 {4	Y_2243	ppm	6.892	2.8	40.63	4.912	8.872
Sb2068	206.833 {4	Y_2243	ppm	0.0185	0.0011	6.122	0.0177	0.0193
Se1960	196.090 {4	Y_2243	ppm	0.011	0.0043	38.75	0.008	0.0141
Si2516	251.611 {1	Y_3710	ppm	0.0195	0.0004	1.92	0.0192	0.0197
Sn1899	189.989 {4	In2306	ppm	0.0151	0.0048	31.51	0.0117	0.0185
Sr4215	421.552 { 8	Y_3710	ppm	0.0054	0.0001	2.306	0.0055	0.0053
Ti3349	334.904 {1	Y_3600	ppm	0.0096	0.0001	0.7666	0.0097	0.0096
Tl1908	190.856 {4	In2306	ppm	0.0167	0.0084	50.04	0.0108	0.0226
V_2924	292.402 {1	Y_3600	ppm	0.01	0.0003	3.329	0.0097	0.0102
Zn2062	206.200 {4	In2306	ppm	0.0135	0.0041	30.68	0.0106	0.0164

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	184.86	0.83705	0.45279	184.27	185.46
In2306	230.606 {4	Cts/S	5146.6	2.263	0.04397	5148.2	5145
Y_2243	224.306 {4	Cts/S	6997.8	6.3985	0.09144	7002.3	6993.2
Y_3600	360.073 { 9	Cts/S	99138	225.8	0.22776	98979	99298
Y_3710	371.030 { 9	Cts/S	8681.6	103.01	1.1866	8608.8	8754.4

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Custom ID3=
Run Time=2/27/2012 10:30:42
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0003	1203	0.0002	-0.0002
Al3082	308.215 {1	In2306	ppm	0.0549	0.0166	30.13	0.0432	0.0666

As1890	189.042 {4	Y_2243	ppm	0.0004	0.0002	59.79	0.0005	0.0002
B_2496	249.678 {1	Y_3710	ppm	-0.0021	0.0027	130.4	-0.0039	-0.0002
Ba4554	455.403 { 7	Y_3710	ppm	0.0005	0.0003	53.23	0.0003	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0	60.59	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.1698	0.0062	3.661	0.1742	0.1654
Ca3181	318.128 {1	In2306	ppm	0.0708	0.0149	21.04	0.0814	0.0603
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	38.49	0.0002	0.0004
Co2286	228.616 {4	In2306	ppm	0.0007	0.0001	9.734	0.0008	0.0007
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0002	212.1	0.0001	-0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0017	0.0001	7.216	0.0018	0.0017
Fe2404	240.488 {1	In2306	ppm	0	0.0056	31830	0.0039	-0.004
K_7664	766.490 { 4	Y_3710	ppm	0.1259	0.0134	10.68	0.1164	0.1354
K_7698	769.896 { 4	Y_3710	ppm	0.2836	0.0597	21.04	0.2414	0.3258
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	42.95	0.0004	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.031	0.039	125.9	0.0586	0.0034
Mn2576	257.610 {1	Y_3600	ppm	0.004	0	0.1789	0.004	0.004
Mn2576-2	257.610 {1	Y_3710	ppm	0.004	0.0004	10.2	0.0043	0.0037
Mo2020	202.030 {4	Y_2243	ppm	0.0005	0.0001	18.07	0.0005	0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.7023	0.0042	0.5919	0.7053	0.6994
Na8183	818.326 { 4	Y_3710	ppm	0.2209	0.0211	9.572	0.2359	0.206
Ni2316	231.604 {4	In2306	ppm	0.0006	0.0001	12.24	0.0005	0.0006
P_1782	178.284 {4	In2306	ppm	0.0018	0.0001	6.344	0.0019	0.0017
Pb2203	220.353 {4	In2306	ppm	0.0003	0.0004	131.6	0	0.0006
S_1820	182.034 {4	Y_2243	ppm	21.99	0.1711	0.7781	22.11	21.87
Sb2068	206.833 {4	Y_2243	ppm	0.0018	0.0004	23.78	0.0021	0.0015
Se1960	196.090 {4	Y_2243	ppm	-0.0005	0.0006	125.9	-0.0009	-0.0001
Si2516	251.611 {1	Y_3710	ppm	0.0068	0.0096	139.8	0.0001	0.0136
Sn1899	189.989 {4	In2306	ppm	0.0008	0.0007	81.3	0.0013	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0	0.1029	0.0002	0.0002
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0002	439.1	0.0002	-0.0001
Tl1908	190.856 {4	In2306	ppm	0.0015	0.0019	122.6	0.0002	0.0029
V_2924	292.402 {1	Y_3600	ppm	0.0001	0.0001	68.02	0.0001	0.0002
Zn2062	206.200 {4	In2306	ppm	0.0087	0	0.198	0.0087	0.0087

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	181.62	2.2212	1.223	180.05	183.2
In2306	230.606 {4	Cts/S	5125.2	2.8563	0.05573	5123.2	5127.3
Y_2243	224.306 {4	Cts/S	6948.3	2.2737	0.03272	6949.9	6946.7
Y_3600	360.073 { 9	Cts/S	99161	99.39	0.10023	99091	99231
Y_3710	371.030 { 9	Cts/S	8613.9	80.33	0.93256	8557.1	8670.7

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Custom ID3=
Run Time=2/27/2012 10:33:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0001	12.5	0.0005	0.0006
Al3082	308.215 {1	In2306	ppm	0.0333	0.0464	139.4	0.066	0.0005
As1890	189.042 {4	Y_2243	ppm	-0.0006	0.0012	197.4	0.0002	-0.0015
B_2496	249.678 {1	Y_3710	ppm	1.035	0.0035	0.3391	1.032	1.037

Ba4554	455.403 { 7	Y_3710	ppm	0.0523	0.0006	1.075	0.0527	0.0519
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	78.59	0	0.0001
Ca3158	315.887 {1	In2306	ppm	1057	2.907	0.275	1059	1055
Ca3181	318.128 {1	In2306	ppm	1072	6.027	0.562	1077	1068
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	36.8	0.0005	0.0003
Co2286	228.616 {4	In2306	ppm	0.0014	0.0002	14.54	0.0015	0.0012
Cr2677	267.716 {1	Y_3600	ppm	0.0012	0.0005	38.6	0.0009	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.0055	0.0005	8.278	0.0058	0.0051
Fe2404	240.488 {1	In2306	ppm	13.48	0.0608	0.4509	13.52	13.44
K_7664	766.490 { 4	Y_3710	ppm	89.39	0.6925	0.7747	89.88	88.9
K_7698	769.896 { 4	Y_3710	ppm	92.6	0.3461	0.3738	92.84	92.35
Li6707	670.784 { 5	Y_3710	ppm	0.276	0.0018	0.6385	0.2773	0.2748
Mg2790	279.079 {1	Y_3710	ppm	734.1	4.609	0.6278	737.3	730.8
Mn2576	257.610 {1	Y_3600	ppm	4.783	0.011	0.2309	4.791	4.776
Mn2576-2	257.610 {1	Y_3710	ppm	4.675	0.0073	0.1563	4.68	4.669
Mo2020	202.030 {4	Y_2243	ppm	0.0002	0.0003	165.7	0	0.0005
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	6552	21.58	0.3294	6568	6537
Ni2316	231.604 {4	In2306	ppm	-0.0012	0.0003	22.92	-0.0014	-0.001
P_1782	178.284 {4	In2306	ppm	0.1411	0.0039	2.799	0.1439	0.1383
Pb2203	220.353 {4	In2306	ppm	-0.0005	0.0001	15.63	-0.0005	-0.0004
S_1820	182.034 {4	Y_2243	ppm	147900	694.5	0.4695	148400	147400
Sb2068	206.833 {4	Y_2243	ppm	-0.0017	0.0002	11.78	-0.0019	-0.0016
Se1960	196.090 {4	Y_2243	ppm	0.0025	0.0006	23.98	0.003	0.0021
Si2516	251.611 {1	Y_3710	ppm	11.72	0.0782	0.6673	11.78	11.67
Sn1899	189.989 {4	In2306	ppm	-0.0008	0.0011	132.9	-0.0001	-0.0016
Sr4215	421.552 { 8	Y_3710	ppm	8.993	0.0164	0.1827	9.005	8.982
Ti3349	334.904 {1	Y_3600	ppm	0.0055	0.0005	9.235	0.0059	0.0052
Tl1908	190.856 {4	In2306	ppm	-0.0085	0.0008	8.846	-0.008	-0.009
V_2924	292.402 {1	Y_3600	ppm	-0.0084	0.0001	1.259	-0.0084	-0.0083
Zn2062	206.200 {4	In2306	ppm	0.0039	0.0001	2.148	0.0039	0.0038

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	172.11	0.66799	0.38811	171.64	172.59
In2306	230.606 {4	Cts/S	4231.4	6.5507	0.15481	4226.7	4236
Y_2243	224.306 {4	Cts/S	5586.2	10.755	0.19253	5578.6	5593.8
Y_3600	360.073 { 9	Cts/S	62106	83.571	0.13456	62046	62165
Y_3710	371.030 { 9	Cts/S	8619.9	28.887	0.33513	8599.5	8640.3

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Username=admin
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Custom ID3=
Run Time=2/27/2012 10:36:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0	9.664	0.0004	0.0004
Al3082	308.215 {1	In2306	ppm	0.1326	0.0152	11.47	0.1433	0.1218
As1890	189.042 {4	Y_2243	ppm	0.0246	0.0015	6.093	0.0235	0.0256
B_2496	249.678 {1	Y_3710	ppm	2.457	0.0157	0.6377	2.446	2.468
Ba4554	455.403 { 7	Y_3710	ppm	0.0812	0.0006	0.6887	0.0808	0.0816
Be3130	313.042 {1	Y_3710	ppm	0	0	25.08	0.0001	0

Ca3158	315.887 {1	In2306	ppm	341.8	3.842	1.124	344.5	339.1
Ca3181	318.128 {1	In2306	ppm	337.6	2.164	0.6411	339.1	336
Cd2288	228.802 {4	Y_2243	ppm	0.0006	0.0001	16.44	0.0005	0.0007
Co2286	228.616 {4	In2306	ppm	0.0053	0.0003	5.585	0.0055	0.0051
Cr2677	267.716 {1	Y_3600	ppm	0.0018	0.0001	8.173	0.0017	0.0019
Cu3247	324.754 {1	Y_3600	ppm	0.004	0	1.073	0.0041	0.004
Fe2404	240.488 {1	In2306	ppm	5.441	0.0034	0.0619	5.443	5.439
K_7664	766.490 { 4	Y_3710	ppm	155.3	1.677	1.08	154.1	156.4
K_7698	769.896 { 4	Y_3710	ppm	162.5	1.698	1.045	161.3	163.7
Li6707	670.784 { 5	Y_3710	ppm	0.1325	0.0012	0.9038	0.1316	0.1333
Mg2790	279.079 {1	Y_3710	ppm	472.4	4.681	0.991	469.1	475.7
Mn2576	257.610 {1	Y_3600	ppm	3.304	0.0018	0.0556	3.302	3.305
Mn2576-2	257.610 {1	Y_3710	ppm	3.231	0.0267	0.8257	3.212	3.25
Mo2020	202.030 {4	Y_2243	ppm	0.0044	0.0002	3.97	0.0043	0.0045
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	5700	48.42	0.8494	5734	5666
Ni2316	231.604 {4	In2306	ppm	0.0017	0.0005	29.15	0.0021	0.0014
P_1782	178.284 {4	In2306	ppm	0.1501	0.0018	1.197	0.1488	0.1513
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0011	88.45	0.0005	0.0021
S_1820	182.034 {4	Y_2243	ppm	82140	2512	3.058	80360	83910
Sb2068	206.833 {4	Y_2243	ppm	-0.0081	0.0004	4.491	-0.0079	-0.0084
Se1960	196.090 {4	Y_2243	ppm	0.0026	0.0003	12.14	0.0024	0.0028
Si2516	251.611 {1	Y_3710	ppm	11.12	0.0704	0.6333	11.07	11.17
Sn1899	189.989 {4	In2306	ppm	0.0002	0.0012	629.2	-0.0006	0.001
Sr4215	421.552 { 8	Y_3710	ppm	4.059	0.0198	0.4879	4.045	4.073
Ti3349	334.904 {1	Y_3600	ppm	0.0044	0.0013	30.43	0.0034	0.0053
Tl1908	190.856 {4	In2306	ppm	-0.0047	0.0014	29.74	-0.0037	-0.0057
V_2924	292.402 {1	Y_3600	ppm	-0.0059	0.0005	8.173	-0.0062	-0.0056
Zn2062	206.200 {4	In2306	ppm	0.0038	0.0001	2.301	0.0037	0.0039

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	174.49	1.0531	0.60351	173.75	175.24
In2306	230.606 {4	Cts/S	4452.1	69.259	1.5556	4501.1	4403.2
Y_2243	224.306 {4	Cts/S	5834.5	93.121	1.596	5900.4	5768.7
Y_3600	360.073 { 9	Cts/S	66556	35.82	0.05382	66581	66530
Y_3710	371.030 { 9	Cts/S	8569.7	65.416	0.76334	8615.9	8523.4

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Custom ID2=
Custom ID3=
Run Time=2/27/2012 10:38:52
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0007	398.3	0.0003	-0.0007
Al3082	308.215 {1	In2306	ppm	0.5841	0.0224	3.835	0.5682	0.5999
As1890	189.042 {4	Y_2243	ppm	0.0161	0.0005	2.96	0.0158	0.0165
B_2496	249.678 {1	Y_3710	ppm	1.322	0.0021	0.1584	1.323	1.321
Ba4554	455.403 { 7	Y_3710	ppm	0.168	0.0022	1.309	0.1695	0.1664
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	76.14	0.0001	0
Ca3158	315.887 {1	In2306	ppm	758.7	6.444	0.8493	754.2	763.3
Ca3181	318.128 {1	In2306	ppm	764.2	5.457	0.7141	760.4	768.1

Cd2288	228.802 {4	Y_2243	ppm	0.0005	0.0001	23.61	0.0005	0.0006
Co2286	228.616 {4	In2306	ppm	0.0011	0.0003	27.43	0.0009	0.0013
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0001	8.434	0.0015	0.0017
Cu3247	324.754 {1	Y_3600	ppm	0.0053	0	0.6865	0.0053	0.0053
Fe2404	240.488 {1	In2306	ppm	11.92	0.0305	0.2562	11.9	11.94
K_7664	766.490 { 4	Y_3710	ppm	92.82	3.123	3.364	95.03	90.61
K_7698	769.896 { 4	Y_3710	ppm	96.96	3.081	3.177	99.14	94.78
Li6707	670.784 { 5	Y_3710	ppm	0.2269	0.0085	3.759	0.2329	0.2208
Mg2790	279.079 {1	Y_3710	ppm	594.8	6.231	1.048	590.4	599.2
Mn2576	257.610 {1	Y_3600	ppm	2.316	0.0301	1.3	2.337	2.294
Mn2576-2	257.610 {1	Y_3710	ppm	2.288	0.0033	0.1464	2.291	2.286
Mo2020	202.030 {4	Y_2243	ppm	0.0015	0.0003	20.8	0.0012	0.0017
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	6412	16.99	0.265	6424	6400
Ni2316	231.604 {4	In2306	ppm	-0.0018	0.0002	9.816	-0.002	-0.0017
P_1782	178.284 {4	In2306	ppm	0.1508	0.0001	0.0646	0.1507	0.1508
Pb2203	220.353 {4	In2306	ppm	0.0014	0.0003	23.46	0.0016	0.0012
S_1820	182.034 {4	Y_2243	ppm	88450	301	0.3404	88660	88240
Sb2068	206.833 {4	Y_2243	ppm	-0.0046	0.0005	11.44	-0.005	-0.0042
Se1960	196.090 {4	Y_2243	ppm	0.0013	0.0005	40.47	0.0017	0.0009
Si2516	251.611 {1	Y_3710	ppm	13.26	0.1539	1.161	13.37	13.15
Sn1899	189.989 {4	In2306	ppm	0.0014	0.0006	40.2	0.0019	0.001
Sr4215	421.552 { 8	Y_3710	ppm	7.801	0.0744	0.9543	7.854	7.749
Ti3349	334.904 {1	Y_3600	ppm	0.0174	0.0013	7.228	0.0183	0.0165
Tl1908	190.856 {4	In2306	ppm	-0.004	0.0013	33.3	-0.003	-0.0049
V_2924	292.402 {1	Y_3600	ppm	-0.0054	0.0005	9.63	-0.0058	-0.005
Zn2062	206.200 {4	In2306	ppm	0.0034	0.0002	5.368	0.0036	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	173.31	1.469	0.84761	172.27	174.35
In2306	230.606 {4	Cts/S	4319.1	6.6731	0.1545	4323.8	4314.4
Y_2243	224.306 {4	Cts/S	5691.8	15.108	0.26544	5702.5	5681.1
Y_3600	360.073 { 9	Cts/S	64019	218.29	0.34097	64174	63865
Y_3710	371.030 { 9	Cts/S	8398.9	32.535	0.38737	8375.9	8421.9

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Custom ID2=
Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0002	44.41	0.0005	0.0002
Al3082	308.215 {1	In2306	ppm	0.1533	0.0075	4.877	0.1586	0.148
As1890	189.042 {4	Y_2243	ppm	0.0446	0.0011	2.444	0.0453	0.0438
B_2496	249.678 {1	Y_3710	ppm	1.001	0.0133	1.326	1.01	0.9913
Ba4554	455.403 { 7	Y_3710	ppm	0.1708	0.0008	0.4685	0.1713	0.1702
Be3130	313.042 {1	Y_3710	ppm	-0.0001	0.0001	265.7	0	-0.0002
Ca3158	315.887 {1	In2306	ppm	15.67	0.0842	0.5372	15.72	15.61
Ca3181	318.128 {1	In2306	ppm	15.64	0.2549	1.63	15.82	15.46
Cd2288	228.802 {4	Y_2243	ppm	0.0007	0.0002	24.61	0.0006	0.0008
Co2286	228.616 {4	In2306	ppm	0.0006	0.0001	12.99	0.0005	0.0006

Cr2677	267.716 {1	Y_3600	ppm	0.0016	0	0.6963	0.0016	0.0016
Cu3247	324.754 {1	Y_3600	ppm	0.0037	0.0001	3.49	0.0038	0.0037
Fe2404	240.488 {1	In2306	ppm	1.869	0.0223	1.194	1.885	1.853
K_7664	766.490 { 4	Y_3710	ppm	12.42	0.2337	1.881	12.59	12.26
K_7698	769.896 { 4	Y_3710	ppm	12.44	0.1738	1.397	12.57	12.32
Li6707	670.784 { 5	Y_3710	ppm	0.0087	0.0003	3.281	0.0089	0.0085
Mg2790	279.079 {1	Y_3710	ppm	19.05	0.0575	0.3018	19.09	19.01
Mn2576	257.610 {1	Y_3600	ppm	0.2153	0.0001	0.0325	0.2154	0.2153
Mn2576-2	257.610 {1	Y_3710	ppm	0.2035	0.0005	0.2458	0.2039	0.2032
Mo2020	202.030 {4	Y_2243	ppm	0.0338	0.0006	1.843	0.0343	0.0334
Na5895	589.592 { 5	Y_3710	ppm	619	9.004	1.455	612.6	625.3
Na8183	818.326 { 4	Y_3710	ppm	730.4	8.987	1.231	736.7	724
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0001	35.83	0.0005	0.0003
P_1782	178.284 {4	In2306	ppm	1.274	0.0139	1.09	1.284	1.264
Pb2203	220.353 {4	In2306	ppm	0.0017	0.0006	34.13	0.0013	0.0021
S_1820	182.034 {4	Y_2243	ppm	1331	528.3	39.69	957.4	1705
Sb2068	206.833 {4	Y_2243	ppm	-0.0012	0.0008	66.46	-0.0006	-0.0017
Se1960	196.090 {4	Y_2243	ppm	0.0023	0.0006	27.15	0.0027	0.0019
Si2516	251.611 {1	Y_3710	ppm	14.55	0.0968	0.6654	14.61	14.48
Sn1899	189.989 {4	In2306	ppm	0.0003	0.0005	156.9	0	0.0007
Sr4215	421.552 { 8	Y_3710	ppm	0.2117	0.0022	1.046	0.2133	0.2101
Ti3349	334.904 {1	Y_3600	ppm	0.0043	0.0002	4.173	0.0042	0.0044
Tl1908	190.856 {4	In2306	ppm	-0.0008	0.0007	94.18	-0.0013	-0.0003
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0001	34.22	-0.0003	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0046	0.0001	1.392	0.0046	0.0045

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	184.33	3.1554	1.7118	182.1	186.56
In2306	230.606 {4	Cts/S	5345.8	4.732	0.08852	5349.1	5342.4
Y_2243	224.306 {4	Cts/S	6890.9	14.287	0.20734	6901	6880.8
Y_3600	360.073 { 9	Cts/S	86951	290.21	0.33376	86746	87156
Y_3710	371.030 { 9	Cts/S	8561.4	68.172	0.79627	8513.2	8609.6

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Custom ID2=
Custom ID3=
Run Time=2/27/2012 10:44:13
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.6174	0.0022	0.3487	0.619	0.6159
Al3082	308.215 {1	In2306	ppm	10.91	1.072	9.821	10.16	11.67
As1890	189.042 {4	Y_2243	ppm	1.069	0.0085	0.791	1.075	1.063
B_2496	249.678 {1	Y_3710	ppm	1.479	0.1387	9.377	1.381	1.577
Ba4554	455.403 { 7	Y_3710	ppm	4.392	0.4338	9.879	4.085	4.698
Be3130	313.042 {1	Y_3710	ppm	0.3629	0.0343	9.447	0.3387	0.3872
Ca3158	315.887 {1	In2306	ppm	515.7	45.52	8.827	483.5	547.8
Ca3181	318.128 {1	In2306	ppm	515.6	45.14	8.756	483.6	547.5
Cd2288	228.802 {4	Y_2243	ppm	0.5676	0.0045	0.7919	0.5708	0.5645
Co2286	228.616 {4	In2306	ppm	0.9348	0.0018	0.1941	0.9361	0.9336
Cr2677	267.716 {1	Y_3600	ppm	0.8482	0.0057	0.6725	0.8442	0.8523
Cu3247	324.754 {1	Y_3600	ppm	1.088	0.0095	0.8733	1.094	1.081

Fe2404	240.488 {1	In2306	ppm	18.98	1.761	9.277	17.73	20.22
K_7664	766.490 { 4	Y_3710	ppm	67.76	7.132	10.53	62.72	72.8
K_7698	769.896 { 4	Y_3710	ppm	69.69	7.609	10.92	64.31	75.07
Li6707	670.784 { 5	Y_3710	ppm	1.2	0.1316	10.97	1.107	1.293
Mg2790	279.079 {1	Y_3710	ppm	291.7	28.06	9.62	271.8	311.5
Mn2576	257.610 {1	Y_3600	ppm	5.353	0.0367	0.6851	5.327	5.379
Mn2576-2	257.610 {1	Y_3710	ppm	4.996	0.4661	9.329	4.667	5.326
Mo2020	202.030 {4	Y_2243	ppm	1.006	0.0122	1.215	1.014	0.9972
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	3483	269.8	7.745	3292	3674
Ni2316	231.604 {4	In2306	ppm	0.96	0.0028	0.2906	0.962	0.9581
P_1782	178.284 {4	In2306	ppm	1.161	0.0036	0.3068	1.164	1.159
Pb2203	220.353 {4	In2306	ppm	1.077	0.001	0.0924	1.078	1.077
S_1820	182.034 {4	Y_2243	ppm	251.3	9.264	3.686	244.8	257.9
Sb2068	206.833 {4	Y_2243	ppm	1.139	0.0124	1.092	1.147	1.13
Se1960	196.090 {4	Y_2243	ppm	1.129	0.0049	0.4316	1.133	1.126
Si2516	251.611 {1	Y_3710	ppm	10.31	1.025	9.942	9.582	11.03
Sn1899	189.989 {4	In2306	ppm	0.9633	0.0065	0.6734	0.9679	0.9587
Sr4215	421.552 { 8	Y_3710	ppm	4.849	0.473	9.754	4.515	5.184
Ti3349	334.904 {1	Y_3600	ppm	0.8681	0.0012	0.1405	0.8672	0.869
Tl1908	190.856 {4	In2306	ppm	1.188	0.0152	1.278	1.199	1.177
V_2924	292.402 {1	Y_3600	ppm	0.8598	0.0045	0.5183	0.8567	0.863
Zn2062	206.200 {4	In2306	ppm	0.7826	0.0035	0.4535	0.7851	0.78

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	189.13	13.645	7.2144	198.78	179.48
In2306	230.606 {4	Cts/S	4697.3	0.1114	0.00237	4697.3	4697.4
Y_2243	224.306 {4	Cts/S	6125.1	21.812	0.35611	6109.7	6140.6
Y_3600	360.073 { 9	Cts/S	71165	312.66	0.43934	70944	71387
Y_3710	371.030 { 9	Cts/S	9131.2	713.5	7.8139	9635.7	8626.7

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0004	221.3	-0.0001	0.0005
Al3082	308.215 {1	In2306	ppm	-0.007	0.0146	207.2	0.0033	-0.0173
As1890	189.042 {4	Y_2243	ppm	0.0253	0.0252	99.6	0.0075	0.0432
B_2496	249.678 {1	Y_3710	ppm	0.1629	0.0001	0.0766	0.163	0.1628
Ba4554	455.403 { 7	Y_3710	ppm	0.7065	0.0047	0.672	0.7031	0.7098
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	2.572	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	108.6	1.588	1.462	107.5	109.8
Ca3181	318.128 {1	In2306	ppm	108.7	1.959	1.803	107.3	110.1
Cd2288	228.802 {4	Y_2243	ppm	0.0134	0.0149	111.9	0.0028	0.0239
Co2286	228.616 {4	In2306	ppm	0.0257	0.0279	108.5	0.006	0.0455
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0002	26.95	0.0005	0.0007
Cu3247	324.754 {1	Y_3600	ppm	0.0022	0.0002	10.57	0.0024	0.0021
Fe2404	240.488 {1	In2306	ppm	2.114	0.0485	2.294	2.08	2.148
K_7664	766.490 { 4	Y_3710	ppm	11.4	0.1415	1.241	11.3	11.5

K_7698	769.896 { 4	Y_3710	ppm	11.56	0.1763	1.525	11.44	11.69
Li6707	670.784 { 5	Y_3710	ppm	0.0401	0.0005	1.128	0.0398	0.0404
Mg2790	279.079 {1	Y_3710	ppm	61.73	0.1541	0.2496	61.84	61.62
Mn2576	257.610 {1	Y_3600	ppm	1.001	0.0009	0.0859	1.001	1
Mn2576-2	257.610 {1	Y_3710	ppm	0.937	0.0033	0.3524	0.9346	0.9393
Mo2020	202.030 {4	Y_2243	ppm	0.0322	0.0317	98.4	0.0098	0.0547
Na5895	589.592 { 5	Y_3710	ppm	596.7	1.372	0.2299	595.7	597.7
Na8183	818.326 { 4	Y_3710	ppm	718.5	4.68	0.6514	715.2	721.8
Ni2316	231.604 {4	In2306	ppm	0.0254	0.029	114.5	0.0048	0.0459
P_1782	178.284 {4	In2306	ppm	0.0541	0.0312	57.71	0.032	0.0762
Pb2203	220.353 {4	In2306	ppm	0.025	0.0294	117.7	0.0042	0.0458
S_1820	182.034 {4	Y_2243	ppm	55.23	7.234	13.1	50.11	60.34
Sb2068	206.833 {4	Y_2243	ppm	0.0322	0.0308	95.46	0.0105	0.054
Se1960	196.090 {4	Y_2243	ppm	0.0235	0.0288	122.2	0.0032	0.0439
Si2516	251.611 {1	Y_3710	ppm	1.947	0.0282	1.45	1.927	1.967
Sn1899	189.989 {4	In2306	ppm	0.0274	0.0292	106.4	0.0068	0.048
Sr4215	421.552 { 8	Y_3710	ppm	0.9412	0.0037	0.3945	0.9386	0.9438
Ti3349	334.904 {1	Y_3600	ppm	0.0014	0.0001	4.341	0.0014	0.0015
Tl1908	190.856 {4	In2306	ppm	0.042	0.041	97.63	0.013	0.0709
V_2924	292.402 {1	Y_3600	ppm	-0.0019	0.0003	15.53	-0.0021	-0.0017
Zn2062	206.200 {4	In2306	ppm	0.0265	0.0257	97.28	0.0083	0.0447

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	188.13	4.4782	2.3803	191.3	184.97
In2306	230.606 {4	Cts/S	5296.7	23.341	0.44067	5313.2	5280.2
Y_2243	224.306 {4	Cts/S	6882.2	13.054	0.18968	6891.4	6872.9
Y_3600	360.073 { 9	Cts/S	85442	314.15	0.36768	85220	85664
Y_3710	371.030 { 9	Cts/S	8831.5	17.444	0.19752	8843.8	8819.1

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Custom ID2=
Custom ID3=
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2373	0.0009	0.3741	0.238	0.2367
Al3082	308.215 {1	In2306	ppm	2.696	0.0288	1.067	2.676	2.717
As1890	189.042 {4	Y_2243	ppm	0.4964	0.0115	2.321	0.5046	0.4883
B_2496	249.678 {1	Y_3710	ppm	0.443	0.0008	0.1868	0.4424	0.4436
Ba4554	455.403 { 7	Y_3710	ppm	0.5318	0.0054	1.016	0.5356	0.528
Be3130	313.042 {1	Y_3710	ppm	0.4624	0.003	0.6571	0.4646	0.4603
Ca3158	315.887 {1	In2306	ppm	13.48	0.119	0.8828	13.4	13.57
Ca3181	318.128 {1	In2306	ppm	13.42	0.2013	1.5	13.28	13.56
Cd2288	228.802 {4	Y_2243	ppm	0.4805	0.0057	1.187	0.4845	0.4765
Co2286	228.616 {4	In2306	ppm	0.475	0.0088	1.862	0.4812	0.4687
Cr2677	267.716 {1	Y_3600	ppm	0.4663	0.0021	0.4432	0.4678	0.4649
Cu3247	324.754 {1	Y_3600	ppm	0.473	0.002	0.433	0.4716	0.4745
Fe2404	240.488 {1	In2306	ppm	2.567	0.0114	0.4427	2.559	2.575
K_7664	766.490 { 4	Y_3710	ppm	14.89	0.2037	1.368	15.03	14.74
K_7698	769.896 { 4	Y_3710	ppm	15.21	0.2615	1.72	15.39	15.02
Li6707	670.784 { 5	Y_3710	ppm	0.6092	0.0137	2.246	0.6189	0.5995

Mg2790	279.079 {1	Y_3710	ppm	4.413	0.0506	1.148	4.377	4.449
Mn2576	257.610 {1	Y_3600	ppm	0.4702	0.0008	0.1627	0.4707	0.4696
Mn2576-2	257.610 {1	Y_3710	ppm	0.444	0.0007	0.1659	0.4435	0.4445
Mo2020	202.030 {4	Y_2243	ppm	0.51	0.0073	1.434	0.5151	0.5048
Na5895	589.592 { 5	Y_3710	ppm	15.83	0.3291	2.079	16.07	15.6
Na8183	818.326 { 4	Y_3710	ppm	14.32	0.2578	1.801	14.5	14.13
Ni2316	231.604 {4	In2306	ppm	0.4835	0.0089	1.838	0.4898	0.4773
P_1782	178.284 {4	In2306	ppm	0.0022	0.0032	142.7	0	0.0045
Pb2203	220.353 {4	In2306	ppm	0.4779	0.0071	1.483	0.4829	0.4729
S_1820	182.034 {4	Y_2243	ppm	239.3	0.7689	0.3214	239.8	238.7
Sb2068	206.833 {4	Y_2243	ppm	0.4946	0.0064	1.285	0.4991	0.4901
Se1960	196.090 {4	Y_2243	ppm	0.5171	0.0048	0.9377	0.5205	0.5137
Si2516	251.611 {1	Y_3710	ppm	0.8574	0.0157	1.83	0.8463	0.8685
Sn1899	189.989 {4	In2306	ppm	0.4676	0.0116	2.479	0.4758	0.4594
Sr4215	421.552 { 8	Y_3710	ppm	0.2664	0.0023	0.8807	0.2681	0.2648
Ti3349	334.904 {1	Y_3600	ppm	0.4562	0.0008	0.1714	0.4557	0.4568
Tl1908	190.856 {4	In2306	ppm	0.4881	0.0103	2.11	0.4954	0.4808
V_2924	292.402 {1	Y_3600	ppm	0.4586	0.0011	0.236	0.4578	0.4594
Zn2062	206.200 {4	In2306	ppm	0.4747	0.0101	2.129	0.4818	0.4675

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	180.17	1.0712	0.59456	179.41	180.92
In2306	230.606 {4	Cts/S	5252.4	5.285	0.10062	5248.7	5256.1
Y_2243	224.306 {4	Cts/S	7003.7	22.625	0.32304	7019.7	6987.7
Y_3600	360.073 { 9	Cts/S	98267	57.426	0.05844	98307	98226
Y_3710	371.030 { 9	Cts/S	8475.8	95.807	1.1304	8408	8543.5

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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.005	0.0001	2.594	0.0049	0.0051
Al3082	308.215 {1	In2306	ppm	0.1245	0.0266	21.4	0.1433	0.1057
As1890	189.042 {4	Y_2243	ppm	0.0129	0.0054	42.09	0.0091	0.0167
B_2496	249.678 {1	Y_3710	ppm	0.0105	0.0041	38.91	0.0076	0.0134
Ba4554	455.403 { 7	Y_3710	ppm	0.0109	0.0002	1.603	0.011	0.0107
Be3130	313.042 {1	Y_3710	ppm	0.0048	0	0.1811	0.0048	0.0048
Ca3158	315.887 {1	In2306	ppm	0.1089	0.0139	12.76	0.1187	0.0991
Ca3181	318.128 {1	In2306	ppm	0.0657	0.0323	49.11	0.0429	0.0885
Cd2288	228.802 {4	Y_2243	ppm	0.0094	0.0051	54.34	0.0058	0.013
Co2286	228.616 {4	In2306	ppm	0.0146	0.0054	36.79	0.0108	0.0183
Cr2677	267.716 {1	Y_3600	ppm	0.0095	0.0002	2.35	0.0093	0.0096
Cu3247	324.754 {1	Y_3600	ppm	0.0113	0.0001	0.9945	0.0114	0.0112
Fe2404	240.488 {1	In2306	ppm	0.0948	0.0036	3.77	0.0974	0.0923
K_7664	766.490 { 4	Y_3710	ppm	0.7887	0.054	6.852	0.8269	0.7505
K_7698	769.896 { 4	Y_3710	ppm	0.9	0.0012	0.1329	0.9008	0.8991
Li6707	670.784 { 5	Y_3710	ppm	0.0116	0.0003	2.618	0.0118	0.0113
Mg2790	279.079 {1	Y_3710	ppm	0.1253	0.013	10.39	0.1161	0.1345
Mn2576	257.610 {1	Y_3600	ppm	0.0101	0.0002	1.501	0.01	0.0102

Mn2576-2	257.610 {1	Y_3710	ppm	0.0092	0.0006	6.142	0.0088	0.0096
Mo2020	202.030 {4	Y_2243	ppm	0.017	0.0064	37.54	0.0125	0.0216
Na5895	589.592 { 5	Y_3710	ppm	1.5	0.0253	1.687	1.518	1.482
Na8183	818.326 { 4	Y_3710	ppm	0.9269	0.1408	15.2	1.027	0.8273
Ni2316	231.604 {4	In2306	ppm	0.0147	0.0052	35.42	0.011	0.0184
P_1782	178.284 {4	In2306	ppm	0.0095	0.0001	0.9111	0.0096	0.0095
Pb2203	220.353 {4	In2306	ppm	0.0131	0.0038	28.75	0.0104	0.0157
S_1820	182.034 {4	Y_2243	ppm	7.085	1.697	23.95	5.885	8.285
Sb2068	206.833 {4	Y_2243	ppm	0.0208	0.0047	22.67	0.0174	0.0241
Se1960	196.090 {4	Y_2243	ppm	0.0147	0.0056	38.37	0.0107	0.0186
Si2516	251.611 {1	Y_3710	ppm	0.0136	0.0039	28.37	0.0109	0.0163
Sn1899	189.989 {4	In2306	ppm	0.0159	0.0059	37.35	0.0117	0.0201
Sr4215	421.552 { 8	Y_3710	ppm	0.0054	0.0002	3.312	0.0053	0.0055
Ti3349	334.904 {1	Y_3600	ppm	0.009	0	0.4041	0.009	0.009
Tl1908	190.856 {4	In2306	ppm	0.0193	0.0089	45.95	0.0131	0.0256
V_2924	292.402 {1	Y_3600	ppm	0.0096	0.0001	0.9295	0.0096	0.0095
Zn2062	206.200 {4	In2306	ppm	0.0144	0.0054	37.12	0.0106	0.0182

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	182.81	0.10392	0.05684	182.74	182.89
In2306	230.606 {4	Cts/S	5140.3	4.1932	0.08158	5137.3	5143.3
Y_2243	224.306 {4	Cts/S	6936.5	24.107	0.34753	6919.4	6953.5
Y_3600	360.073 { 9	Cts/S	100000	299.4	0.2994	99790	100210
Y_3710	371.030 { 9	Cts/S	8581.9	79.294	0.92396	8525.9	8638

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0006	777.5	0.0003	-0.0005
Al3082	308.215 {1	In2306	ppm	0.0224	0.0158	70.66	0.0336	0.0112
As1890	189.042 {4	Y_2243	ppm	0.0016	0.0001	4.988	0.0017	0.0016
B_2496	249.678 {1	Y_3710	ppm	-0.0001	0.0029	2298	-0.0022	0.0019
Ba4554	455.403 { 7	Y_3710	ppm	0.0005	0	6.376	0.0005	0.0005
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	567.5	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.1646	0.006	3.632	0.1603	0.1688
Ca3181	318.128 {1	In2306	ppm	0.1492	0.0066	4.456	0.1445	0.1539
Cd2288	228.802 {4	Y_2243	ppm	0.0007	0.0006	79.78	0.0003	0.0011
Co2286	228.616 {4	In2306	ppm	0.0011	0.0007	63.3	0.0006	0.0015
Cr2677	267.716 {1	Y_3600	ppm	0	0.0003	3600	-0.0002	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0026	0.0007	25.4	0.003	0.0021
Fe2404	240.488 {1	In2306	ppm	-0.0069	0.0052	76.18	-0.0106	-0.0032
K_7664	766.490 { 4	Y_3710	ppm	0.1086	0.0015	1.409	0.1075	0.1097
K_7698	769.896 { 4	Y_3710	ppm	0.1923	0.053	27.53	0.2298	0.1549
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0001	22.16	0.0005	0.0004
Mg2790	279.079 {1	Y_3710	ppm	-0.0022	0.0634	2928	-0.047	0.0427
Mn2576	257.610 {1	Y_3600	ppm	0.0041	0	0.8567	0.004	0.0041
Mn2576-2	257.610 {1	Y_3710	ppm	0.003	0.0005	16.98	0.0026	0.0033
Mo2020	202.030 {4	Y_2243	ppm	0.0012	0.0008	67.45	0.0006	0.0017

Na5895	589.592 { 5	Y_3710	ppm	0.7364	0.0203	2.757	0.7508	0.7221
Na8183	818.326 { 4	Y_3710	ppm	0.3671	0.0691	18.82	0.3182	0.4159
Ni2316	231.604 {4	In2306	ppm	0.0011	0.0009	82.26	0.0005	0.0018
P_1782	178.284 {4	In2306	ppm	0.0025	0.0006	22.88	0.0029	0.0021
Pb2203	220.353 {4	In2306	ppm	0.0005	0.0025	466.8	-0.0012	0.0023
S_1820	182.034 {4	Y_2243	ppm	22.7	0.2401	1.058	22.87	22.53
Sb2068	206.833 {4	Y_2243	ppm	0.0011	0.0007	67.68	0.0006	0.0016
Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0002	22.14	-0.0011	-0.0008
Si2516	251.611 {1	Y_3710	ppm	0.0121	0.0088	72.84	0.0059	0.0184
Sn1899	189.989 {4	In2306	ppm	0.0024	0.0013	55.24	0.0015	0.0033
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0	10.39	0.0002	0.0003
Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0.0011	279.1	-0.0012	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0021	0.002	95.11	0.0007	0.0036
V_2924	292.402 {1	Y_3600	ppm	0.0002	0	10.91	0.0002	0.0002
Zn2062	206.200 {4	In2306	ppm	0.009	0.0005	5.922	0.0086	0.0094

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	184.1	2.2538	1.2242	182.51	185.7
In2306	230.606 {4	Cts/S	5126.5	4.237	0.08265	5123.5	5129.5
Y_2243	224.306 {4	Cts/S	6893.7	5.2703	0.07645	6889.9	6897.4
Y_3600	360.073 { 9	Cts/S	99614	459.49	0.46127	99289	99939
Y_3710	371.030 { 9	Cts/S	8609	145.03	1.6846	8506.5	8711.6

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	41.88	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0081	0.0463	574.5	-0.0408	0.0247
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0002	161.1	0.0002	0
B_2496	249.678 {1	Y_3710	ppm	-0.0011	0.0015	140.2	0	-0.0022
Ba4554	455.403 { 7	Y_3710	ppm	0.0005	0.0001	29.65	0.0006	0.0004
Be3130	313.042 {1	Y_3710	ppm	0	0	73.99	0	0
Ca3158	315.887 {1	In2306	ppm	0.0025	0.0103	415.4	0.0098	-0.0048
Ca3181	318.128 {1	In2306	ppm	-0.0668	0.0461	68.97	-0.0342	-0.0994
Cd2288	228.802 {4	Y_2243	ppm	0	0	87.79	0.0001	0
Co2286	228.616 {4	In2306	ppm	0.0002	0.0004	156	0.0005	0
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0002	151.9	-0.0002	0
Cu3247	324.754 {1	Y_3600	ppm	0.0027	0.0003	9.845	0.0025	0.0029
Fe2404	240.488 {1	In2306	ppm	-0.0003	0.0014	536	-0.0012	0.0007
K_7664	766.490 { 4	Y_3710	ppm	-0.0163	0.0068	41.79	-0.0115	-0.0211
K_7698	769.896 { 4	Y_3710	ppm	-0.0047	0.0454	973.5	0.0275	-0.0368
Li6707	670.784 { 5	Y_3710	ppm	0.0004	0.0003	81.72	0.0007	0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0272	0.0261	95.93	0.0456	0.0087
Mn2576	257.610 {1	Y_3600	ppm	0.0002	0	8.336	0.0002	0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0002	0.0009	427.1	0.0009	-0.0004
Mo2020	202.030 {4	Y_2243	ppm	-0.0001	0.0001	119.3	-0.0002	0
Na5895	589.592 { 5	Y_3710	ppm	0.1263	0.008	6.319	0.1207	0.132

Na8183	818.326 { 4	Y_3710	ppm	-0.0772	0.018	23.26	-0.0899	-0.0645
Ni2316	231.604 {4	In2306	ppm	-0.0002	0	10.16	-0.0002	-0.0002
P_1782	178.284 {4	In2306	ppm	-0.0006	0.0007	121.4	-0.0001	-0.0011
Pb2203	220.353 {4	In2306	ppm	0.0019	0.0005	28.58	0.0023	0.0015
S_1820	182.034 {4	Y_2243	ppm	1.835	0.1686	9.189	1.716	1.955
Sb2068	206.833 {4	Y_2243	ppm	-0.0002	0.0007	287.5	-0.0008	0.0003
Se1960	196.090 {4	Y_2243	ppm	0.0007	0.0008	113.5	0.0001	0.0012
Si2516	251.611 {1	Y_3710	ppm	0.0208	0.0043	20.56	0.0178	0.0238
Sn1899	189.989 {4	In2306	ppm	0.0037	0.0012	32.55	0.0046	0.0028
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	43.56	0.0001	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0	0.0002	474	-0.0001	0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0007	0.0004	67.55	-0.001	-0.0003
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0003	103.6	0.0001	0.0006
Zn2062	206.200 {4	In2306	ppm	0.0026	0.0001	3.238	0.0025	0.0027

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	182.52	1.472	0.80648	181.48	183.56
In2306	230.606 {4	Cts/S	5114.5	14.013	0.27398	5104.6	5124.4
Y_2243	224.306 {4	Cts/S	6829.2	36.379	0.5327	6803.5	6854.9
Y_3600	360.073 { 9	Cts/S	101290	310.76	0.30681	101510	101070
Y_3710	371.030 { 9	Cts/S	8642.8	49.542	0.57322	8677.8	8607.7

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4596	0.0062	1.347	0.464	0.4552
Al3082	308.215 {1	In2306	ppm	10.44	0.118	1.131	10.35	10.52
As1890	189.042 {4	Y_2243	ppm	1.015	0.008	0.7928	1.02	1.009
B_2496	249.678 {1	Y_3710	ppm	0.8629	0.0009	0.0985	0.8623	0.8635
Ba4554	455.403 { 7	Y_3710	ppm	1.02	0.005	0.4857	1.017	1.024
Be3130	313.042 {1	Y_3710	ppm	0.4505	0.0009	0.1973	0.4511	0.4498
Ca3158	315.887 {1	In2306	ppm	10.25	0.0634	0.6182	10.2	10.29
Ca3181	318.128 {1	In2306	ppm	10.06	0.1918	1.908	9.92	10.19
Cd2288	228.802 {4	Y_2243	ppm	0.485	0.0003	0.0546	0.4848	0.4852
Co2286	228.616 {4	In2306	ppm	0.9375	0.0019	0.2021	0.9361	0.9388
Cr2677	267.716 {1	Y_3600	ppm	0.9047	0.0083	0.9199	0.9106	0.8988
Cu3247	324.754 {1	Y_3600	ppm	0.917	0.0006	0.0678	0.9166	0.9175
Fe2404	240.488 {1	In2306	ppm	9.744	0.0919	0.9434	9.679	9.809
K_7664	766.490 { 4	Y_3710	ppm	10.85	0.043	0.396	10.82	10.88
K_7698	769.896 { 4	Y_3710	ppm	10.9	0.0983	0.9021	10.83	10.97
Li6707	670.784 { 5	Y_3710	ppm	0.5684	0.0026	0.4596	0.5666	0.5703
Mg2790	279.079 {1	Y_3710	ppm	8.452	0.0875	1.035	8.39	8.514
Mn2576	257.610 {1	Y_3600	ppm	0.9138	0.011	1.204	0.9215	0.906
Mn2576-2	257.610 {1	Y_3710	ppm	0.8654	0.0038	0.4417	0.8681	0.8627
Mo2020	202.030 {4	Y_2243	ppm	1.055	0.0018	0.1699	1.056	1.054
Na5895	589.592 { 5	Y_3710	ppm	11.34	0.0746	0.658	11.29	11.39
Na8183	818.326 { 4	Y_3710	ppm	10.56	0.0576	0.5459	10.51	10.6
Ni2316	231.604 {4	In2306	ppm	0.9658	0.0024	0.2462	0.9675	0.9641

P_1782	178.284 {4	In2306	ppm	0.0016	0.0001	3.543	0.0015	0.0016
Pb2203	220.353 {4	In2306	ppm	0.9392	0.0006	0.0599	0.9388	0.9395
S_1820	182.034 {4	Y_2243	ppm	1.473	0.3782	25.68	1.74	1.206
Sb2068	206.833 {4	Y_2243	ppm	1.006	0.0052	0.5152	1.009	1.002
Se1960	196.090 {4	Y_2243	ppm	1.026	0.0026	0.2487	1.028	1.024
Si2516	251.611 {1	Y_3710	ppm	0.8543	0.0006	0.0684	0.8539	0.8547
Sn1899	189.989 {4	In2306	ppm	0.9269	0.0025	0.2654	0.9251	0.9286
Sr4215	421.552 { 8	Y_3710	ppm	0.5139	0.0016	0.3182	0.5127	0.515
Ti3349	334.904 {1	Y_3600	ppm	0.8767	0.0047	0.5414	0.88	0.8733
Tl1908	190.856 {4	In2306	ppm	0.9889	0.007	0.7126	0.9939	0.9839
V_2924	292.402 {1	Y_3600	ppm	0.8796	0.0033	0.372	0.8819	0.8773
Zn2062	206.200 {4	In2306	ppm	0.9399	0.0024	0.26	0.9381	0.9416

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	185.2	2.4288	1.3114	186.92	183.49
In2306	230.606 {4	Cts/S	5199.6	6.5554	0.12607	5195	5204.2
Y_2243	224.306 {4	Cts/S	6875.4	17.057	0.24809	6863.3	6887.4
Y_3600	360.073 { 9	Cts/S	99776	182.56	0.18297	99647	99905
Y_3710	371.030 { 9	Cts/S	8639.5	15.573	0.18026	8650.5	8628.5

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Custom ID3=
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CorrFactor=1.000
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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	18.74	0.0002	0.0002
Al3082	308.215 {1	In2306	ppm	-0.0042	0.0058	137.4	-0.0083	-0.0001
As1890	189.042 {4	Y_2243	ppm	0.0126	0.0151	120.2	0.0019	0.0233
B_2496	249.678 {1	Y_3710	ppm	0.0028	0.0007	25.64	0.0033	0.0023
Ba4554	455.403 { 7	Y_3710	ppm	0.0003	0.0001	40.05	0.0002	0.0004
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	17.54	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0072	0.0001	1.454	0.0071	0.0072
Ca3181	318.128 {1	In2306	ppm	-0.0857	0.0247	28.78	-0.0683	-0.1032
Cd2288	228.802 {4	Y_2243	ppm	0.0069	0.0079	113.2	0.0014	0.0125
Co2286	228.616 {4	In2306	ppm	0.0145	0.0159	109.5	0.0033	0.0258
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	29.07	0.0001	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0009	0.0002	25.78	0.0011	0.0008
Fe2404	240.488 {1	In2306	ppm	0.0003	0.0144	4341	0.0105	-0.0099
K_7664	766.490 { 4	Y_3710	ppm	-0.0013	0.0133	1056	0.0081	-0.0106
K_7698	769.896 { 4	Y_3710	ppm	0.0183	0.0639	348.5	-0.0269	0.0635
Li6707	670.784 { 5	Y_3710	ppm	-0.0002	0.0003	168.2	0	-0.0004
Mg2790	279.079 {1	Y_3710	ppm	0.0337	0.0161	47.92	0.0451	0.0223
Mn2576	257.610 {1	Y_3600	ppm	0.0003	0	13.87	0.0003	0.0004
Mn2576-2	257.610 {1	Y_3710	ppm	0	0.0001	2079	0.0001	-0.0001
Mo2020	202.030 {4	Y_2243	ppm	0.0198	0.0191	96.49	0.0063	0.0333
Na5895	589.592 { 5	Y_3710	ppm	0.1069	0.0018	1.678	0.1056	0.1081
Na8183	818.326 { 4	Y_3710	ppm	-0.02	0.1208	602.7	0.0654	-0.1054
Ni2316	231.604 {4	In2306	ppm	0.0146	0.0163	111.9	0.0031	0.0262
P_1782	178.284 {4	In2306	ppm	0.0022	0.0006	28.95	0.0026	0.0017
Pb2203	220.353 {4	In2306	ppm	0.0128	0.0133	103.9	0.0034	0.0222

S_1820	182.034 {4	Y_2243	ppm	1.532	0.257	16.78	1.35	1.714
Sb2068	206.833 {4	Y_2243	ppm	0.0236	0.0192	81.52	0.01	0.0372
Se1960	196.090 {4	Y_2243	ppm	0.0125	0.0145	115.9	0.0023	0.0228
Si2516	251.611 {1	Y_3710	ppm	0.0069	0.0061	88.62	0.0113	0.0026
Sn1899	189.989 {4	In2306	ppm	0.017	0.017	100.1	0.005	0.029
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	27.95	0.0002	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0006	0.0003	45.07	0.0008	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0269	0.0207	76.86	0.0123	0.0416
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0002	76.9	-0.0001	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.0172	0.0161	93.71	0.0058	0.0286

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	178.95	0.36017	0.20127	178.69	179.2
In2306	230.606 {4	Cts/S	5118.6	4.1068	0.08023	5115.7	5121.5
Y_2243	224.306 {4	Cts/S	6900.2	4.7805	0.06928	6896.8	6903.6
Y_3600	360.073 { 9	Cts/S	101460	451.57	0.44506	101780	101140
Y_3710	371.030 { 9	Cts/S	8739.3	45.241	0.51767	8707.3	8771.3

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0004	256	-0.0005	0.0001
Al3082	308.215 {1	In2306	ppm	0.3217	0.0067	2.068	0.3264	0.317
As1890	189.042 {4	Y_2243	ppm	0.0048	0.0035	73.49	0.0023	0.0073
B_2496	249.678 {1	Y_3710	ppm	0.4151	0.0001	0.0326	0.415	0.4152
Ba4554	455.403 { 7	Y_3710	ppm	0.1809	0.0026	1.448	0.1791	0.1828
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	68.92	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	31.57	0.1479	0.4685	31.47	31.68
Ca3181	318.128 {1	In2306	ppm	30.97	0.4058	1.31	30.69	31.26
Cd2288	228.802 {4	Y_2243	ppm	0.0013	0.0011	81.5	0.0006	0.0021
Co2286	228.616 {4	In2306	ppm	0.0021	0.0021	96.59	0.0007	0.0036
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0	1.5	0.0013	0.0013
Cu3247	324.754 {1	Y_3600	ppm	0.1291	0.0006	0.4775	0.1287	0.1296
Fe2404	240.488 {1	In2306	ppm	0.3113	0.017	5.468	0.2993	0.3234
K_7664	766.490 { 4	Y_3710	ppm	14.23	0.2894	2.034	14.02	14.43
K_7698	769.896 { 4	Y_3710	ppm	14.2	0.3633	2.558	13.94	14.46
Li6707	670.784 { 5	Y_3710	ppm	0.0318	0.0008	2.643	0.0312	0.0324
Mg2790	279.079 {1	Y_3710	ppm	6.369	0.013	0.204	6.378	6.36
Mn2576	257.610 {1	Y_3600	ppm	0.0286	0	0.1542	0.0286	0.0286
Mn2576-2	257.610 {1	Y_3710	ppm	0.026	0.0003	1.164	0.0258	0.0262
Mo2020	202.030 {4	Y_2243	ppm	0.0054	0.0025	46.16	0.0037	0.0072
Na5895	589.592 { 5	Y_3710	ppm	204.9	0.2665	0.1301	204.7	205
Na8183	818.326 { 4	Y_3710	ppm	204.9	2.802	1.367	203	206.9
Ni2316	231.604 {4	In2306	ppm	0.0023	0.0017	75.99	0.001	0.0035
P_1782	178.284 {4	In2306	ppm	6.097	0.336	5.51	6.335	5.86
Pb2203	220.353 {4	In2306	ppm	0.0037	0.0026	69.44	0.0019	0.0056
S_1820	182.034 {4	Y_2243	ppm	2343	114.3	4.877	2424	2263
Sb2068	206.833 {4	Y_2243	ppm	0.0005	0.0011	232	0.0013	-0.0003

Se1960	196.090 {4	Y_2243	ppm	0.0038	0.0022	56.98	0.0023	0.0053
Si2516	251.611 {1	Y_3710	ppm	7.643	0.0472	0.6173	7.609	7.676
Sn1899	189.989 {4	In2306	ppm	0.0048	0.0022	45.06	0.0033	0.0063
Sr4215	421.552 { 8	Y_3710	ppm	0.5692	0.0063	1.11	0.5648	0.5737
Ti3349	334.904 {1	Y_3600	ppm	0.0015	0.0004	25.86	0.0018	0.0013
Tl1908	190.856 {4	In2306	ppm	0.0087	0.0065	74.61	0.0041	0.0133
V_2924	292.402 {1	Y_3600	ppm	0	0.0001	2294	0	0
Zn2062	206.200 {4	In2306	ppm	0.0958	0.003	3.142	0.098	0.0937

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	183.77	4.7131	2.5647	187.1	180.44
In2306	230.606 {4	Cts/S	5285.1	97.409	1.8431	5216.2	5354
Y_2243	224.306 {4	Cts/S	6874.8	128.49	1.869	6783.9	6965.6
Y_3600	360.073 { 9	Cts/S	92921	39.634	0.04265	92893	92949
Y_3710	371.030 { 9	Cts/S	8819.5	100.24	1.1365	8890.4	8748.7

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Custom ID3=
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0002	420.7	-0.0001	0.0002
Al3082	308.215 {1	In2306	ppm	0.0638	0.0166	26.05	0.052	0.0755
As1890	189.042 {4	Y_2243	ppm	0.0048	0.0008	16.53	0.0042	0.0054
B_2496	249.678 {1	Y_3710	ppm	0.2982	0.0019	0.6532	0.2968	0.2996
Ba4554	455.403 { 7	Y_3710	ppm	0.1272	0	0.0283	0.1271	0.1272
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	9.104	0.0002	0.0001
Ca3158	315.887 {1	In2306	ppm	66.88	0.0586	0.0877	66.92	66.83
Ca3181	318.128 {1	In2306	ppm	67.75	0.0605	0.0893	67.79	67.71
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	50.85	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0016	0.0002	15.92	0.0014	0.0017
Cr2677	267.716 {1	Y_3600	ppm	0.0019	0.0002	10.78	0.002	0.0017
Cu3247	324.754 {1	Y_3600	ppm	0.0051	0.0003	5.24	0.0049	0.0053
Fe2404	240.488 {1	In2306	ppm	0.4605	0.0051	1.106	0.4641	0.4569
K_7664	766.490 { 4	Y_3710	ppm	11.4	0.1117	0.9802	11.48	11.32
K_7698	769.896 { 4	Y_3710	ppm	11.45	0.0907	0.7918	11.51	11.38
Li6707	670.784 { 5	Y_3710	ppm	0.0522	0.0011	2.138	0.053	0.0514
Mg2790	279.079 {1	Y_3710	ppm	6.346	0.0062	0.0979	6.341	6.35
Mn2576	257.610 {1	Y_3600	ppm	0.0996	0.0001	0.1171	0.0995	0.0997
Mn2576-2	257.610 {1	Y_3710	ppm	0.0944	0.0006	0.6832	0.0949	0.0939
Mo2020	202.030 {4	Y_2243	ppm	0.0984	0.002	2.022	0.0998	0.0969
Na5895	589.592 { 5	Y_3710	ppm	601.5	15.26	2.537	612.3	590.7
Na8183	818.326 { 4	Y_3710	ppm	684.3	2.654	0.3879	686.2	682.4
Ni2316	231.604 {4	In2306	ppm	0.0055	0.0003	5.163	0.0053	0.0057
P_1782	178.284 {4	In2306	ppm	0.3391	0.0648	19.12	0.2932	0.3849
Pb2203	220.353 {4	In2306	ppm	0.0012	0.0009	73.96	0.0006	0.0018
S_1820	182.034 {4	Y_2243	ppm	63750	707.4	1.11	64250	63250
Sb2068	206.833 {4	Y_2243	ppm	0	0.0006	11100	-0.0004	0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0658	0.0001	0.1205	0.0658	0.0657
Si2516	251.611 {1	Y_3710	ppm	3.589	0.0124	0.3467	3.598	3.58

Sn1899	189.989 {4	In2306	ppm	0.001	0	0.121	0.001	0.001
Sr4215	421.552 { 8	Y_3710	ppm	1.001	0.001	0.0971	1	1.002
Ti3349	334.904 {1	Y_3600	ppm	0.0004	0.0002	39.25	0.0006	0.0003
Tl1908	190.856 {4	In2306	ppm	0.0019	0.0008	41.48	0.0013	0.0025
V_2924	292.402 {1	Y_3600	ppm	0.0042	0.0002	3.811	0.0043	0.004
Zn2062	206.200 {4	In2306	ppm	0.1016	0.0004	0.4294	0.1019	0.1013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	185.76	1.6512	0.88888	184.59	186.93
In2306	230.606 {4	Cts/S	5368.6	7.0413	0.13116	5373.6	5363.7
Y_2243	224.306 {4	Cts/S	6937.7	2.9494	0.04251	6939.8	6935.6
Y_3600	360.073 { 9	Cts/S	86939	141.05	0.16224	87038	86839
Y_3710	371.030 { 9	Cts/S	8777.7	24.142	0.27504	8760.7	8794.8

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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0005	122.3	0.0008	0.0001
Al3082	308.215 {1	In2306	ppm	0.051	0.0054	10.56	0.0472	0.0549
As1890	189.042 {4	Y_2243	ppm	0.0042	0.0027	64.13	0.0023	0.006
B_2496	249.678 {1	Y_3710	ppm	0.0567	0.0014	2.442	0.0577	0.0557
Ba4554	455.403 { 7	Y_3710	ppm	0.1018	0.0003	0.3315	0.1015	0.102
Be3130	313.042 {1	Y_3710	ppm	0	0	65.9	0	0
Ca3158	315.887 {1	In2306	ppm	836.7	5.288	0.632	833	840.5
Ca3181	318.128 {1	In2306	ppm	851.6	9.062	1.064	845.2	858
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0.0002	130.4	0.0003	0
Co2286	228.616 {4	In2306	ppm	0.0012	0.0001	8.26	0.0012	0.0011
Cr2677	267.716 {1	Y_3600	ppm	0.0034	0	1.051	0.0034	0.0035
Cu3247	324.754 {1	Y_3600	ppm	0.0045	0.0002	4.792	0.0046	0.0043
Fe2404	240.488 {1	In2306	ppm	0.293	0.0017	0.5955	0.2942	0.2918
K_7664	766.490 { 4	Y_3710	ppm	9.149	0.0518	0.5664	9.185	9.112
K_7698	769.896 { 4	Y_3710	ppm	9.286	0.1391	1.498	9.384	9.187
Li6707	670.784 { 5	Y_3710	ppm	0.0196	0.0001	0.4807	0.0195	0.0196
Mg2790	279.079 {1	Y_3710	ppm	15.75	0.1111	0.7054	15.68	15.83
Mn2576	257.610 {1	Y_3600	ppm	0.058	0.0002	0.3506	0.0581	0.0578
Mn2576-2	257.610 {1	Y_3710	ppm	0.0552	0.0004	0.7585	0.0555	0.0549
Mo2020	202.030 {4	Y_2243	ppm	0.0083	0.0015	17.86	0.0073	0.0094
Na5895	589.592 { 5	Y_3710	ppm	^ *****	-----	-----	^ -----	^ -----
Na8183	818.326 { 4	Y_3710	ppm	2575	31.07	1.207	2553	2597
Ni2316	231.604 {4	In2306	ppm	0.0084	0.0003	3.074	0.0086	0.0082
P_1782	178.284 {4	In2306	ppm	0.7947	0.0096	1.204	0.8015	0.788
Pb2203	220.353 {4	In2306	ppm	0.0017	0.0018	108	0.0004	0.003
S_1820	182.034 {4	Y_2243	ppm	77500	351.5	0.4535	77750	77250
Sb2068	206.833 {4	Y_2243	ppm	-0.0006	0.0017	283.8	-0.0018	0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0031	0.0006	18.9	0.0027	0.0035
Si2516	251.611 {1	Y_3710	ppm	3.227	0.0047	0.1461	3.224	3.23
Sn1899	189.989 {4	In2306	ppm	-0.0004	0.001	272.3	0.0003	-0.0011
Sr4215	421.552 { 8	Y_3710	ppm	1.785	0.0016	0.091	1.784	1.787

Ti3349	334.904 {1	Y_3600	ppm	0.004	0.0001	2.103	0.0041	0.004
Tl1908	190.856 {4	In2306	ppm	0.0033	0.0016	47.62	0.0022	0.0045
V_2924	292.402 {1	Y_3600	ppm	0.0013	0.0003	20.52	0.0011	0.0014
Zn2062	206.200 {4	In2306	ppm	0.0129	0.0012	9.008	0.0121	0.0137

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	186.89	0.97184	0.52	187.58	186.21
In2306	230.606 {4	Cts/S	4940.1	20.884	0.42275	4925.4	4954.9
Y_2243	224.306 {4	Cts/S	6416.2	14.461	0.22539	6406	6426.4
Y_3600	360.073 { 9	Cts/S	73899	371.24	0.50236	73636	74161
Y_3710	371.030 { 9	Cts/S	9002.1	37.278	0.41411	9028.5	8975.7

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Custom ID3=
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Sample Type=Unk
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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0004	201.8	0.0005	-0.0001
Al3082	308.215 {1	In2306	ppm	0.5189	0.06	11.57	0.4764	0.5613
As1890	189.042 {4	Y_2243	ppm	0.0025	0.0001	3.514	0.0025	0.0026
B_2496	249.678 {1	Y_3710	ppm	0.2114	0.0136	6.426	0.2018	0.221
Ba4554	455.403 { 7	Y_3710	ppm	0.2182	0.0143	6.537	0.2081	0.2282
Be3130	313.042 {1	Y_3710	ppm	0.0001	0.0001	131.7	0.0002	0
Ca3158	315.887 {1	In2306	ppm	55.05	4.256	7.733	52.04	58.06
Ca3181	318.128 {1	In2306	ppm	54.68	4.369	7.99	51.59	57.77
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0	6.146	0.0005	0.0004
Co2286	228.616 {4	In2306	ppm	0.0002	0.0002	105.1	0.0003	0
Cr2677	267.716 {1	Y_3600	ppm	0.0061	0.0002	3.177	0.006	0.0062
Cu3247	324.754 {1	Y_3600	ppm	0.0399	0.0002	0.4465	0.0401	0.0398
Fe2404	240.488 {1	In2306	ppm	0.2354	0.0254	10.79	0.2174	0.2533
K_7664	766.490 { 4	Y_3710	ppm	14.6	1.007	6.902	13.89	15.31
K_7698	769.896 { 4	Y_3710	ppm	14.6	1.092	7.48	13.82	15.37
Li6707	670.784 { 5	Y_3710	ppm	0.0143	0.0016	11.18	0.0131	0.0154
Mg2790	279.079 {1	Y_3710	ppm	5.014	0.324	6.462	4.785	5.243
Mn2576	257.610 {1	Y_3600	ppm	0.0334	0.0005	1.512	0.0338	0.0331
Mn2576-2	257.610 {1	Y_3710	ppm	0.0328	0.0022	6.705	0.0312	0.0343
Mo2020	202.030 {4	Y_2243	ppm	0.0025	0.0001	2.67	0.0024	0.0025
Na5895	589.592 { 5	Y_3710	ppm	87.74	6.428	7.327	83.19	92.28
Na8183	818.326 { 4	Y_3710	ppm	80.66	5.482	6.796	76.79	84.54
Ni2316	231.604 {4	In2306	ppm	0.0015	0.0003	22.86	0.0013	0.0017
P_1782	178.284 {4	In2306	ppm	5.1	0.1867	3.66	5.232	4.968
Pb2203	220.353 {4	In2306	ppm	0.0025	0.0001	4.234	0.0026	0.0024
S_1820	182.034 {4	Y_2243	ppm	^ *****	-----	-----	2424	^ -----
Sb2068	206.833 {4	Y_2243	ppm	0.0003	0.0004	126.3	0	0.0006
Se1960	196.090 {4	Y_2243	ppm	0.0038	0.0009	22.25	0.0044	0.0032
Si2516	251.611 {1	Y_3710	ppm	10.91	0.8081	7.405	10.34	11.48
Sn1899	189.989 {4	In2306	ppm	0.0042	0.0002	4.989	0.0044	0.0041
Sr4215	421.552 { 8	Y_3710	ppm	0.2443	0.0163	6.66	0.2328	0.2558
Ti3349	334.904 {1	Y_3600	ppm	0.0014	0	2.455	0.0014	0.0015
Tl1908	190.856 {4	In2306	ppm	0.0026	0.0007	26.79	0.0021	0.0031

V_2924	292.402 {1	Y_3600	ppm	0.0034	0.0003	7.908	0.0035	0.0032
Zn2062	206.200 {4	In2306	ppm	0.1103	0.0045	4.075	0.1135	0.1071

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	172.6	11.414	6.6132	180.67	164.53
In2306	230.606 {4	Cts/S	5257.7	31.182	0.59308	5235.7	5279.8
Y_2243	224.306 {4	Cts/S	6860.6	20.443	0.29798	6846.2	6875.1
Y_3600	360.073 { 9	Cts/S	95133	3.6012	0.00379	95135	95130
Y_3710	371.030 { 9	Cts/S	8111.2	451.76	5.5696	8430.7	7791.8

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Custom ID3=
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Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0005	0.0003	60.27	0.0006	0.0003
Al3082	308.215 {1	In2306	ppm	0.0557	0.016	28.8	0.067	0.0443
As1890	189.042 {4	Y_2243	ppm	0.0036	0.0001	3.087	0.0037	0.0035
B_2496	249.678 {1	Y_3710	ppm	0.2274	0.0005	0.2311	0.2271	0.2278
Ba4554	455.403 { 7	Y_3710	ppm	0.1693	0.0011	0.6227	0.1685	0.17
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	16.37	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	60.47	0.705	1.166	60.97	59.98
Ca3181	318.128 {1	In2306	ppm	60.47	0.5121	0.8468	60.83	60.11
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0.0001	29.24	0.0003	0.0004
Co2286	228.616 {4	In2306	ppm	0.0003	0.0002	54.44	0.0004	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0016	0.0002	10.22	0.0018	0.0015
Cu3247	324.754 {1	Y_3600	ppm	0.012	0	0.3974	0.012	0.012
Fe2404	240.488 {1	In2306	ppm	0.0291	0.0073	25.05	0.0342	0.0239
K_7664	766.490 { 4	Y_3710	ppm	14.71	0.2094	1.423	14.56	14.86
K_7698	769.896 { 4	Y_3710	ppm	14.81	0.1455	0.9823	14.7	14.91
Li6707	670.784 { 5	Y_3710	ppm	0.0117	0.0002	1.587	0.0116	0.0118
Mg2790	279.079 {1	Y_3710	ppm	5.103	0.0928	1.818	5.038	5.169
Mn2576	257.610 {1	Y_3600	ppm	0.0067	0.0001	1.496	0.0066	0.0068
Mn2576-2	257.610 {1	Y_3710	ppm	0.0069	0.0003	3.962	0.0071	0.0067
Mo2020	202.030 {4	Y_2243	ppm	0.001	0.0002	20.17	0.0008	0.0011
Na5895	589.592 { 5	Y_3710	ppm	93.7	0.8341	0.8902	94.29	93.11
Na8183	818.326 { 4	Y_3710	ppm	90.68	0.4494	0.4956	90.36	91
Ni2316	231.604 {4	In2306	ppm	0.0184	0.0005	2.515	0.0187	0.0181
P_1782	178.284 {4	In2306	ppm	4.521	0.056	1.238	4.561	4.481
Pb2203	220.353 {4	In2306	ppm	0.001	0.0014	135.4	0.002	0
S_1820	182.034 {4	Y_2243	ppm	3056	246.6	8.067	2882	3231
Sb2068	206.833 {4	Y_2243	ppm	-0.0014	0.001	70.33	-0.0007	-0.002
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0009	106.5	0.0002	0.0014
Si2516	251.611 {1	Y_3710	ppm	10.71	0.0872	0.8143	10.65	10.77
Sn1899	189.989 {4	In2306	ppm	0.0018	0.0001	7.158	0.0018	0.0019
Sr4215	421.552 { 8	Y_3710	ppm	0.257	0.0019	0.7525	0.2556	0.2583
Ti3349	334.904 {1	Y_3600	ppm	0.001	0	1.47	0.001	0.001
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0008	54.67	0.0009	0.002
V_2924	292.402 {1	Y_3600	ppm	0.0016	0.0003	19.73	0.0018	0.0014
Zn2062	206.200 {4	In2306	ppm	0.0632	0.0007	1.077	0.0627	0.0637

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	182.25	0.71397	0.39175	181.75	182.76
In2306	230.606 {4	Cts/S	5245.9	6.7206	0.12811	5241.2	5250.7
Y_2243	224.306 {4	Cts/S	6810.6	17.333	0.25449	6798.4	6822.9
Y_3600	360.073 { 9	Cts/S	94874	106.79	0.11256	94799	94950
Y_3710	371.030 { 9	Cts/S	8601	61.802	0.71854	8644.7	8557.3

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0003	61.61	0.0006	0.0002
Al3082	308.215 {1	In2306	ppm	7.366	0.0273	0.3703	7.347	7.386
As1890	189.042 {4	Y_2243	ppm	0.0049	0.0003	6.984	0.0046	0.0051
B_2496	249.678 {1	Y_3710	ppm	0.2256	0.0005	0.203	0.2259	0.2253
Ba4554	455.403 { 7	Y_3710	ppm	0.2023	0.0008	0.3967	0.2028	0.2017
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	2.457	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	52.25	0.8509	1.629	51.65	52.85
Ca3181	318.128 {1	In2306	ppm	51.65	0.8323	1.611	51.06	52.24
Cd2288	228.802 {4	Y_2243	ppm	0.0006	0	7.042	0.0005	0.0006
Co2286	228.616 {4	In2306	ppm	0.0013	0	3.594	0.0013	0.0012
Cr2677	267.716 {1	Y_3600	ppm	0.0062	0	0.4866	0.0062	0.0062
Cu3247	324.754 {1	Y_3600	ppm	0.0075	0.0004	5.251	0.0078	0.0072
Fe2404	240.488 {1	In2306	ppm	4.764	0.0777	1.63	4.709	4.819
K_7664	766.490 { 4	Y_3710	ppm	7.43	0.0269	0.3625	7.449	7.411
K_7698	769.896 { 4	Y_3710	ppm	7.451	0.0266	0.3574	7.47	7.432
Li6707	670.784 { 5	Y_3710	ppm	0.0068	0.0005	7.716	0.0072	0.0064
Mg2790	279.079 {1	Y_3710	ppm	8.812	0.0428	0.4853	8.782	8.843
Mn2576	257.610 {1	Y_3600	ppm	0.0841	0.0006	0.7098	0.0845	0.0836
Mn2576-2	257.610 {1	Y_3710	ppm	0.0794	0.0008	0.9964	0.0789	0.08
Mo2020	202.030 {4	Y_2243	ppm	0.0041	0.0001	2.708	0.0041	0.004
Na5895	589.592 { 5	Y_3710	ppm	12.91	0.1068	0.8272	12.99	12.84
Na8183	818.326 { 4	Y_3710	ppm	11.21	0.2627	2.344	11.39	11.02
Ni2316	231.604 {4	In2306	ppm	0.0036	0.0004	11.49	0.0033	0.0039
P_1782	178.284 {4	In2306	ppm	0.5282	0.1291	24.44	0.437	0.6195
Pb2203	220.353 {4	In2306	ppm	0.0052	0.0022	42.91	0.0068	0.0036
S_1820	182.034 {4	Y_2243	ppm	2068	73.23	3.541	2016	2120
Sb2068	206.833 {4	Y_2243	ppm	-0.0007	0.0012	165.2	0.0001	-0.0016
Se1960	196.090 {4	Y_2243	ppm	0.0031	0.0012	38.38	0.0022	0.0039
Si2516	251.611 {1	Y_3710	ppm	15.34	0.0841	0.5482	15.28	15.39
Sn1899	189.989 {4	In2306	ppm	0.0011	0	3.316	0.0011	0.001
Sr4215	421.552 { 8	Y_3710	ppm	0.3729	0.0002	0.0598	0.3727	0.373
Ti3349	334.904 {1	Y_3600	ppm	0.0465	0.0005	1.073	0.0462	0.0469
Tl1908	190.856 {4	In2306	ppm	0.0014	0.0003	20	0.0012	0.0016
V_2924	292.402 {1	Y_3600	ppm	0.0155	0.0001	0.5334	0.0156	0.0155
Zn2062	206.200 {4	In2306	ppm	0.0374	0.0009	2.504	0.0367	0.038

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	180.74	1.9078	1.0555	182.09	179.39
In2306	230.606 {4	Cts/S	5174.3	22.629	0.43732	5190.3	5158.3
Y_2243	224.306 {4	Cts/S	6760.7	40.631	0.60098	6789.4	6732
Y_3600	360.073 { 9	Cts/S	97874	629.9	0.64359	97428	98319
Y_3710	371.030 { 9	Cts/S	8265.7	12.191	0.14748	8257	8274.3

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0004	0.0002	40.77	0.0005	0.0003
Al3082	308.215 {1	In2306	ppm	0.1747	0.0195	11.19	0.1609	0.1885
As1890	189.042 {4	Y_2243	ppm	0.0041	0.0008	19.3	0.0047	0.0036
B_2496	249.678 {1	Y_3710	ppm	1.201	0.0104	0.8641	1.208	1.194
Ba4554	455.403 { 7	Y_3710	ppm	0.0846	0.0008	0.9381	0.0852	0.084
Be3130	313.042 {1	Y_3710	ppm	0	0	175.1	0	0
Ca3158	315.887 {1	In2306	ppm	116.5	0.1311	0.1125	116.6	116.4
Ca3181	318.128 {1	In2306	ppm	115.6	0.5949	0.5145	116.1	115.2
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	38.71	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0003	0.0001	39	0.0003	0.0002
Cr2677	267.716 {1	Y_3600	ppm	0.0013	0.0001	8.654	0.0013	0.0012
Cu3247	324.754 {1	Y_3600	ppm	0.0032	0.0004	12.69	0.003	0.0035
Fe2404	240.488 {1	In2306	ppm	1.894	0.0056	0.2977	1.89	1.898
K_7664	766.490 { 4	Y_3710	ppm	29.94	0.2035	0.6797	29.79	30.08
K_7698	769.896 { 4	Y_3710	ppm	30	0.4129	1.376	29.71	30.29
Li6707	670.784 { 5	Y_3710	ppm	0.0109	0.0002	1.497	0.011	0.0108
Mg2790	279.079 {1	Y_3710	ppm	53.49	0.0442	0.0827	53.46	53.53
Mn2576	257.610 {1	Y_3600	ppm	0.7117	0.0043	0.6025	0.7087	0.7148
Mn2576-2	257.610 {1	Y_3710	ppm	0.6595	0.0024	0.3663	0.6612	0.6578
Mo2020	202.030 {4	Y_2243	ppm	0.1125	0.0002	0.182	0.1124	0.1127
Na5895	589.592 { 5	Y_3710	ppm	49.76	0.4244	0.853	49.46	50.06
Na8183	818.326 { 4	Y_3710	ppm	46.14	0.0722	0.1564	46.2	46.09
Ni2316	231.604 {4	In2306	ppm	-0.0008	0.0002	28.78	-0.001	-0.0006
P_1782	178.284 {4	In2306	ppm	0.0496	0.0018	3.56	0.0483	0.0508
Pb2203	220.353 {4	In2306	ppm	0.0012	0.0003	23.14	0.001	0.0014
S_1820	182.034 {4	Y_2243	ppm	17570	56.68	0.3226	17610	17530
Sb2068	206.833 {4	Y_2243	ppm	-0.001	0.0015	153.2	0.0001	-0.002
Se1960	196.090 {4	Y_2243	ppm	0.001	0.0003	32.71	0.0008	0.0012
Si2516	251.611 {1	Y_3710	ppm	8.936	0.0054	0.0603	8.94	8.932
Sn1899	189.989 {4	In2306	ppm	0.0015	0.0005	35.14	0.0011	0.0018
Sr4215	421.552 { 8	Y_3710	ppm	0.4453	0.0011	0.2453	0.4461	0.4445
Ti3349	334.904 {1	Y_3600	ppm	0.0034	0	1.402	0.0034	0.0033
Tl1908	190.856 {4	In2306	ppm	0	0.0009	19850	0.0007	-0.0006
V_2924	292.402 {1	Y_3600	ppm	-0.0012	0.0001	8.944	-0.0012	-0.0011
Zn2062	206.200 {4	In2306	ppm	0.004	0	0.9338	0.004	0.004

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	182.59	0.28889	0.15822	182.39	182.79

In2306	230.606 {4	Cts/S	5174.4	14.898	0.28792	5163.9	5184.9
Y_2243	224.306 {4	Cts/S	6747.6	21.367	0.31666	6732.5	6762.7
Y_3600	360.073 { 9	Cts/S	93499	118.86	0.12712	93583	93415
Y_3710	371.030 { 9	Cts/S	8723.9	27.592	0.31628	8743.4	8704.4

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2338	0.0014	0.5849	0.2347	0.2328
Al3082	308.215 {1	In2306	ppm	2.62	0.0042	0.159	2.617	2.623
As1890	189.042 {4	Y_2243	ppm	0.5018	0	0.0058	0.5018	0.5018
B_2496	249.678 {1	Y_3710	ppm	0.4259	0.0017	0.3929	0.4248	0.4271
Ba4554	455.403 { 7	Y_3710	ppm	0.5156	0.0031	0.5939	0.5178	0.5134
Be3130	313.042 {1	Y_3710	ppm	0.4544	0.0045	0.986	0.4575	0.4512
Ca3158	315.887 {1	In2306	ppm	13.1	0.2127	1.623	13.25	12.95
Ca3181	318.128 {1	In2306	ppm	12.99	0.3346	2.576	13.23	12.75
Cd2288	228.802 {4	Y_2243	ppm	0.4825	0.0022	0.4494	0.484	0.481
Co2286	228.616 {4	In2306	ppm	0.4776	0.0018	0.3793	0.4789	0.4763
Cr2677	267.716 {1	Y_3600	ppm	0.4629	0.0067	1.45	0.4677	0.4582
Cu3247	324.754 {1	Y_3600	ppm	0.4702	0.0006	0.1322	0.4698	0.4706
Fe2404	240.488 {1	In2306	ppm	2.462	0.0503	2.043	2.498	2.427
K_7664	766.490 { 4	Y_3710	ppm	13.86	0.0952	0.6868	13.8	13.93
K_7698	769.896 { 4	Y_3710	ppm	14.04	0.0728	0.5187	13.99	14.09
Li6707	670.784 { 5	Y_3710	ppm	0.5723	0.0069	1.208	0.5674	0.5772
Mg2790	279.079 {1	Y_3710	ppm	4.327	0.1089	2.516	4.404	4.25
Mn2576	257.610 {1	Y_3600	ppm	0.4648	0.0031	0.6625	0.467	0.4626
Mn2576-2	257.610 {1	Y_3710	ppm	0.4302	0.0062	1.43	0.4345	0.4258
Mo2020	202.030 {4	Y_2243	ppm	0.5158	0.0029	0.5623	0.5179	0.5138
Na5895	589.592 { 5	Y_3710	ppm	14.23	0.1163	0.8168	14.15	14.31
Na8183	818.326 { 4	Y_3710	ppm	13	0.0699	0.5379	13.05	12.95
Ni2316	231.604 {4	In2306	ppm	0.4874	0.0003	0.0647	0.4876	0.4872
P_1782	178.284 {4	In2306	ppm	0.0001	0.0001	119	0	0.0002
Pb2203	220.353 {4	In2306	ppm	0.477	0.0018	0.3794	0.4782	0.4757
S_1820	182.034 {4	Y_2243	ppm	257.1	23.29	9.061	240.6	273.5
Sb2068	206.833 {4	Y_2243	ppm	0.4963	0.0027	0.554	0.4983	0.4944
Se1960	196.090 {4	Y_2243	ppm	0.5181	0.0034	0.6651	0.5205	0.5156
Si2516	251.611 {1	Y_3710	ppm	0.8678	0.0189	2.175	0.8544	0.8811
Sn1899	189.989 {4	In2306	ppm	0.4698	0.0015	0.3185	0.4709	0.4688
Sr4215	421.552 { 8	Y_3710	ppm	0.2611	0.0006	0.2112	0.2615	0.2607
Ti3349	334.904 {1	Y_3600	ppm	0.4547	0.0006	0.1404	0.4542	0.4551
Tl1908	190.856 {4	In2306	ppm	0.4936	0.0041	0.8227	0.4965	0.4907
V_2924	292.402 {1	Y_3600	ppm	0.4544	0.0025	0.5498	0.4561	0.4526
Zn2062	206.200 {4	In2306	ppm	0.4783	0.001	0.2045	0.479	0.4776

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	185.54	2.1859	1.1781	184	187.09
In2306	230.606 {4	Cts/S	5221.1	16.028	0.30698	5209.8	5232.4
Y_2243	224.306 {4	Cts/S	6975.6	22.406	0.3212	6959.7	6991.4

Y_3600	360.073 { 9	Cts/S	98325	43.965	0.04471	98294	98356
Y_3710	371.030 { 9	Cts/S	8673.3	45.821	0.52829	8640.9	8705.7

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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0004	8.454	0.0051	0.0045
Al3082	308.215 {1	In2306	ppm	0.1017	0.0018	1.797	0.1004	0.103
As1890	189.042 {4	Y_2243	ppm	0.0135	0.0051	37.62	0.0099	0.017
B_2496	249.678 {1	Y_3710	ppm	0.008	0.0047	58.66	0.0047	0.0114
Ba4554	455.403 { 7	Y_3710	ppm	0.0102	0.0001	0.8009	0.0102	0.0103
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0001	1.275	0.0046	0.0047
Ca3158	315.887 {1	In2306	ppm	0.096	0.0002	0.2567	0.0962	0.0958
Ca3181	318.128 {1	In2306	ppm	0.0645	0.0013	1.988	0.0654	0.0636
Cd2288	228.802 {4	Y_2243	ppm	0.0089	0.0049	54.33	0.0055	0.0124
Co2286	228.616 {4	In2306	ppm	0.0143	0.0051	35.46	0.0107	0.0178
Cr2677	267.716 {1	Y_3600	ppm	0.0098	0.0004	3.741	0.0096	0.0101
Cu3247	324.754 {1	Y_3600	ppm	0.0106	0.0002	1.703	0.0108	0.0105
Fe2404	240.488 {1	In2306	ppm	0.0947	0.0113	11.98	0.0867	0.1027
K_7664	766.490 { 4	Y_3710	ppm	0.679	0.0106	1.556	0.6715	0.6864
K_7698	769.896 { 4	Y_3710	ppm	0.7455	0.0027	0.3609	0.7474	0.7436
Li6707	670.784 { 5	Y_3710	ppm	0.0113	0.0005	4.535	0.0109	0.0116
Mg2790	279.079 {1	Y_3710	ppm	0.1049	0.0258	24.58	0.0867	0.1231
Mn2576	257.610 {1	Y_3600	ppm	0.01	0.0001	1.045	0.0101	0.0099
Mn2576-2	257.610 {1	Y_3710	ppm	0.0091	0.0017	18.85	0.0103	0.0079
Mo2020	202.030 {4	Y_2243	ppm	0.0163	0.0062	37.76	0.012	0.0207
Na5895	589.592 { 5	Y_3710	ppm	0.841	0.0097	1.151	0.8342	0.8479
Na8183	818.326 { 4	Y_3710	ppm	0.5221	0.1263	24.2	0.6114	0.4327
Ni2316	231.604 {4	In2306	ppm	0.0147	0.0051	34.72	0.0111	0.0183
P_1782	178.284 {4	In2306	ppm	0.0114	0.0003	2.742	0.0116	0.0112
Pb2203	220.353 {4	In2306	ppm	0.014	0.004	28.2	0.0112	0.0168
S_1820	182.034 {4	Y_2243	ppm	5.069	4.126	81.4	2.151	7.986
Sb2068	206.833 {4	Y_2243	ppm	0.0197	0.0061	31.04	0.0154	0.024
Se1960	196.090 {4	Y_2243	ppm	0.0136	0.0043	31.51	0.0106	0.0167
Si2516	251.611 {1	Y_3710	ppm	0.0131	0.0037	28.25	0.0157	0.0105
Sn1899	189.989 {4	In2306	ppm	0.0144	0.0044	30.49	0.0113	0.0175
Sr4215	421.552 { 8	Y_3710	ppm	0.0051	0	0.5224	0.0051	0.0051
Ti3349	334.904 {1	Y_3600	ppm	0.0093	0.0001	0.9014	0.0093	0.0092
Tl1908	190.856 {4	In2306	ppm	0.0178	0.0053	29.74	0.014	0.0215
V_2924	292.402 {1	Y_3600	ppm	0.0092	0.0003	3.525	0.0094	0.009
Zn2062	206.200 {4	In2306	ppm	0.0142	0.0052	36.46	0.0106	0.0179

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	184.18	1.3011	0.70642	185.1	183.26
In2306	230.606 {4	Cts/S	5133.5	12.101	0.23571	5142.1	5125
Y_2243	224.306 {4	Cts/S	6935.3	5.7635	0.0831	6939.4	6931.2
Y_3600	360.073 { 9	Cts/S	99873	216.66	0.21693	100030	99720
Y_3710	371.030 { 9	Cts/S	8792.2	8.1177	0.09233	8786.4	8797.9

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 12:39:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0001	31.15	0.0001	0.0002
Al3082	308.215 {1	In2306	ppm	0.0049	0.022	453.3	0.0204	-0.0107
As1890	189.042 {4	Y_2243	ppm	0.0003	0.0002	62.91	0.0005	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.0003	0.0005	151.7	0	0.0007
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0002	65.37	0.0004	0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	44.98	0.0001	0
Ca3158	315.887 {1	In2306	ppm	0.1625	0.0022	1.378	0.1641	0.1609
Ca3181	318.128 {1	In2306	ppm	0.117	0.0395	33.72	0.0891	0.1449
Cd2288	228.802 {4	Y_2243	ppm	0.0005	0.0004	84.69	0.0002	0.0007
Co2286	228.616 {4	In2306	ppm	0.0007	0.0006	85.31	0.0003	0.0011
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0002	467.5	-0.0002	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0014	0.0002	12.22	0.0013	0.0015
Fe2404	240.488 {1	In2306	ppm	-0.0035	0.0055	156.3	-0.0074	0.0004
K_7664	766.490 { 4	Y_3710	ppm	0.056	0.0012	2.082	0.0552	0.0568
K_7698	769.896 { 4	Y_3710	ppm	0.1058	0.001	0.9696	0.1065	0.1051
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0003	104.6	0.0004	0.0001
Mg2790	279.079 {1	Y_3710	ppm	0.0189	0.0279	147.8	-0.0008	0.0386
Mn2576	257.610 {1	Y_3600	ppm	0.0039	0	0.4508	0.0039	0.0039
Mn2576-2	257.610 {1	Y_3710	ppm	0.0036	0.0002	6.944	0.0038	0.0034
Mo2020	202.030 {4	Y_2243	ppm	0.0004	0.0006	142.5	0	0.0008
Na5895	589.592 { 5	Y_3710	ppm	0.2175	0.0044	2.029	0.2207	0.2144
Na8183	818.326 { 4	Y_3710	ppm	-0.0852	0.0134	15.72	-0.0947	-0.0757
Ni2316	231.604 {4	In2306	ppm	0.0008	0.0003	37.49	0.001	0.0006
P_1782	178.284 {4	In2306	ppm	0.0012	0.0004	33.38	0.0014	0.0009
Pb2203	220.353 {4	In2306	ppm	-0.0012	0.0022	178.3	0.0003	-0.0027
S_1820	182.034 {4	Y_2243	ppm	20.62	0.944	4.577	19.96	21.29
Sb2068	206.833 {4	Y_2243	ppm	-0.0002	0.0004	230.9	-0.0005	0.0001
Se1960	196.090 {4	Y_2243	ppm	0.0003	0.0001	28.12	0.0003	0.0004
Si2516	251.611 {1	Y_3710	ppm	0.0052	0.0062	119.4	0.0095	0.0008
Sn1899	189.989 {4	In2306	ppm	0.0019	0.0004	21.45	0.0022	0.0016
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0.0002	124.9	0.0003	0
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	54.38	0.0001	0.0002
Tl1908	190.856 {4	In2306	ppm	0.0028	0.0005	19	0.0024	0.0032
V_2924	292.402 {1	Y_3600	ppm	0.0001	0	67.92	0.0001	0
Zn2062	206.200 {4	In2306	ppm	0.0088	0.0003	3.302	0.0086	0.009

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	185.74	1.7617	0.94849	186.98	184.49
In2306	230.606 {4	Cts/S	5141.5	13.683	0.26612	5151.2	5131.9
Y_2243	224.306 {4	Cts/S	6925.6	20.747	0.29957	6940.2	6910.9
Y_3600	360.073 { 9	Cts/S	99514	872.73	0.87699	100130	98897
Y_3710	371.030 { 9	Cts/S	8764.3	45.897	0.52368	8731.8	8796.7

[Sample Header]

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 12:42:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0	3883	0	0
Al3082	308.215 {1	In2306	ppm	0.0246	0.0366	149	0.0504	-0.0013
As1890	189.042 {4	Y_2243	ppm	-0.0007	0.0008	111.6	-0.0002	-0.0013
B_2496	249.678 {1	Y_3710	ppm	0.5948	0.0012	0.2064	0.5957	0.5939
Ba4554	455.403 { 7	Y_3710	ppm	0.013	0.0001	0.4594	0.013	0.0131
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	201.9	0.0001	0
Ca3158	315.887 {1	In2306	ppm	12.38	0.0339	0.2737	12.4	12.35
Ca3181	318.128 {1	In2306	ppm	12.13	0.0739	0.6087	12.19	12.08
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	56.8	0.0001	0.0003
Co2286	228.616 {4	In2306	ppm	0.0003	0	12.08	0.0004	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0001	58.89	0.0001	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0032	0.0001	1.998	0.0032	0.0033
Fe2404	240.488 {1	In2306	ppm	0.0766	0.0016	2.067	0.0777	0.0755
K_7664	766.490 { 4	Y_3710	ppm	2.359	0.0079	0.3346	2.365	2.354
K_7698	769.896 { 4	Y_3710	ppm	2.303	0.0676	2.935	2.351	2.256
Li6707	670.784 { 5	Y_3710	ppm	0.0321	0.0003	1.079	0.0318	0.0323
Mg2790	279.079 {1	Y_3710	ppm	20.63	0.292	1.416	20.83	20.42
Mn2576	257.610 {1	Y_3600	ppm	0.133	0	0.0171	0.133	0.133
Mn2576-2	257.610 {1	Y_3710	ppm	0.1199	0.0001	0.0986	0.1198	0.1199
Mo2020	202.030 {4	Y_2243	ppm	0.0003	0.0003	84.95	0.0005	0.0001
Na5895	589.592 { 5	Y_3710	ppm	27.43	0.0249	0.0907	27.45	27.41
Na8183	818.326 { 4	Y_3710	ppm	24.72	0.3156	1.276	24.95	24.5
Ni2316	231.604 {4	In2306	ppm	0.0094	0.0004	3.843	0.0096	0.0091
P_1782	178.284 {4	In2306	ppm	0.0239	0.0005	2.006	0.0243	0.0236
Pb2203	220.353 {4	In2306	ppm	0	0.0005	1779	-0.0004	0.0003
S_1820	182.034 {4	Y_2243	ppm	9180	38.67	0.4212	9208	9153
Sb2068	206.833 {4	Y_2243	ppm	-0.001	0	2.222	-0.001	-0.001
Se1960	196.090 {4	Y_2243	ppm	0.0008	0.0005	64.1	0.0005	0.0012
Si2516	251.611 {1	Y_3710	ppm	10.64	0.0833	0.7833	10.7	10.58
Sn1899	189.989 {4	In2306	ppm	0.0013	0.0006	48.37	0.0009	0.0018
Sr4215	421.552 { 8	Y_3710	ppm	0.0572	0.0003	0.475	0.0574	0.057
Ti3349	334.904 {1	Y_3600	ppm	0.0005	0.0001	19.6	0.0006	0.0004
Tl1908	190.856 {4	In2306	ppm	0.001	0.0001	10.93	0.0009	0.0011
V_2924	292.402 {1	Y_3600	ppm	0.0015	0.0003	19	0.0017	0.0013
Zn2062	206.200 {4	In2306	ppm	0.0147	0	0.0874	0.0147	0.0147

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	189.11	0.35968	0.19019	188.86	189.37
In2306	230.606 {4	Cts/S	5210.7	15.819	0.30358	5221.9	5199.5
Y_2243	224.306 {4	Cts/S	6912	34.365	0.49718	6936.3	6887.7
Y_3600	360.073 { 9	Cts/S	97582	232.36	0.23812	97417	97746
Y_3710	371.030 { 9	Cts/S	8725.2	30.973	0.35498	8703.3	8747.1

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Custom ID2=
Custom ID3=
Run Time=2/27/2012 12:45:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0003	0.0003	84.84	0.0001	0.0005
Al3082	308.215 {1	In2306	ppm	0.0308	0.034	110.3	0.0068	0.0548
As1890	189.042 {4	Y_2243	ppm	0.0073	0.0004	5.364	0.0076	0.007
B_2496	249.678 {1	Y_3710	ppm	0.1338	0.0006	0.4621	0.1334	0.1343
Ba4554	455.403 { 7	Y_3710	ppm	0.0321	0.0001	0.26	0.0321	0.032
Be3130	313.042 {1	Y_3710	ppm	0	0	43.4	0	0.0001
Ca3158	315.887 {1	In2306	ppm	18.78	0.3819	2.034	19.05	18.51
Ca3181	318.128 {1	In2306	ppm	18.28	0.5573	3.049	18.67	17.88
Cd2288	228.802 {4	Y_2243	ppm	0.0002	0.0001	48.57	0.0001	0.0002
Co2286	228.616 {4	In2306	ppm	0.0026	0	0.3727	0.0026	0.0026
Cr2677	267.716 {1	Y_3600	ppm	0.0006	0.0002	34.81	0.0005	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0024	0	0.9471	0.0024	0.0024
Fe2404	240.488 {1	In2306	ppm	1.173	0.0267	2.273	1.192	1.154
K_7664	766.490 { 4	Y_3710	ppm	2.971	0.0073	0.2465	2.966	2.976
K_7698	769.896 { 4	Y_3710	ppm	3	0.0946	3.154	2.933	3.067
Li6707	670.784 { 5	Y_3710	ppm	0.0124	0.0007	5.661	0.0119	0.0128
Mg2790	279.079 {1	Y_3710	ppm	6.451	0.0372	0.5762	6.425	6.477
Mn2576	257.610 {1	Y_3600	ppm	0.2155	0.001	0.4755	0.2148	0.2162
Mn2576-2	257.610 {1	Y_3710	ppm	0.1941	0.0002	0.1077	0.1943	0.194
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0001	8.37	0.0008	0.0009
Na5895	589.592 { 5	Y_3710	ppm	8.495	0.1022	1.203	8.422	8.567
Na8183	818.326 { 4	Y_3710	ppm	7.408	0.103	1.391	7.335	7.481
Ni2316	231.604 {4	In2306	ppm	0.0088	0	0.2517	0.0087	0.0088
P_1782	178.284 {4	In2306	ppm	0.0028	0.0004	13.54	0.003	0.0025
Pb2203	220.353 {4	In2306	ppm	0.0011	0.0003	25.14	0.0009	0.0013
S_1820	182.034 {4	Y_2243	ppm	4242	6.833	0.1611	4247	4238
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.001	132.8	-0.0015	0
Se1960	196.090 {4	Y_2243	ppm	0.0008	0	5.916	0.0009	0.0008
Si2516	251.611 {1	Y_3710	ppm	6.372	0.0241	0.3781	6.355	6.389
Sn1899	189.989 {4	In2306	ppm	0.0007	0.0004	61.04	0.001	0.0004
Sr4215	421.552 { 8	Y_3710	ppm	0.0446	0.0001	0.242	0.0447	0.0445
Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0.0006	147.3	0	-0.0008
Tl1908	190.856 {4	In2306	ppm	0.0025	0.0019	76.69	0.0039	0.0012
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0002	162.4	-0.0003	0
Zn2062	206.200 {4	In2306	ppm	0.0128	0	0.2761	0.0127	0.0128

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	185.7	2.6524	1.4283	183.82	187.57
In2306	230.606 {4	Cts/S	5185.5	4.4236	0.08531	5182.4	5188.6
Y_2243	224.306 {4	Cts/S	6927.2	31.574	0.45579	6904.9	6949.6
Y_3600	360.073 { 9	Cts/S	98407	378.56	0.38469	98139	98675
Y_3710	371.030 { 9	Cts/S	8762.9	13.117	0.14968	8772.2	8753.6

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SampleName=600-50979-c-4-a
Username=admin
Comment=

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Custom ID2=
Custom ID3=
Run Time=2/27/2012 12:47:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0003	600.7	-0.0001	0.0002
Al3082	308.215	{1	In2306	ppm	0.0139	0.0126	90.66	0.0227	0.005
As1890	189.042	{4	Y_2243	ppm	0.0023	0.0005	20.52	0.0026	0.002
B_2496	249.678	{1	Y_3710	ppm	0.0471	0.003	6.43	0.0449	0.0492
Ba4554	455.403	{ 7	Y_3710	ppm	0.0804	0.0001	0.1745	0.0803	0.0805
Be3130	313.042	{1	Y_3710	ppm	-0.0001	0	6.543	-0.0001	-0.0001
Ca3158	315.887	{1	In2306	ppm	35.86	0.6018	1.678	36.28	35.43
Ca3181	318.128	{1	In2306	ppm	35.27	0.4541	1.288	35.59	34.95
Cd2288	228.802	{4	Y_2243	ppm	0.0003	0	6.836	0.0003	0.0003
Co2286	228.616	{4	In2306	ppm	0.0021	0.0001	5.922	0.0021	0.0022
Cr2677	267.716	{1	Y_3600	ppm	0.0003	0	10.05	0.0003	0.0003
Cu3247	324.754	{1	Y_3600	ppm	0.0031	0.0003	7.97	0.003	0.0033
Fe2404	240.488	{1	In2306	ppm	1.551	0.0114	0.7359	1.559	1.543
K_7664	766.490	{ 4	Y_3710	ppm	2.631	0.0258	0.9798	2.613	2.65
K_7698	769.896	{ 4	Y_3710	ppm	2.737	0.0077	0.2813	2.732	2.742
Li6707	670.784	{ 5	Y_3710	ppm	0.0284	0.0002	0.6587	0.0282	0.0285
Mg2790	279.079	{1	Y_3710	ppm	16.96	0.0241	0.1421	16.94	16.97
Mn2576	257.610	{1	Y_3600	ppm	0.224	0.0016	0.7132	0.2251	0.2229
Mn2576-2	257.610	{1	Y_3710	ppm	0.2056	0.0011	0.5165	0.2063	0.2048
Mo2020	202.030	{4	Y_2243	ppm	0.001	0.0002	18.41	0.0011	0.0008
Na5895	589.592	{ 5	Y_3710	ppm	12.23	0.2598	2.125	12.04	12.41
Na8183	818.326	{ 4	Y_3710	ppm	11.14	0.1087	0.9757	11.22	11.07
Ni2316	231.604	{4	In2306	ppm	0.0017	0	2.084	0.0017	0.0016
P_1782	178.284	{4	In2306	ppm	0.0036	0.0001	2.041	0.0035	0.0036
Pb2203	220.353	{4	In2306	ppm	0.0011	0.0017	152.8	0.0024	-0.0001
S_1820	182.034	{4	Y_2243	ppm	8155	29.1	0.3568	8175	8134
Sb2068	206.833	{4	Y_2243	ppm	0.0006	0.001	171.5	0.0013	-0.0001
Se1960	196.090	{4	Y_2243	ppm	0	0.0005	2094	0.0004	-0.0003
Si2516	251.611	{1	Y_3710	ppm	9.667	0.1341	1.388	9.572	9.762
Sn1899	189.989	{4	In2306	ppm	0.0018	0.0004	20.17	0.0015	0.002
Sr4215	421.552	{ 8	Y_3710	ppm	0.1588	0.0012	0.7787	0.1579	0.1596
Ti3349	334.904	{1	Y_3600	ppm	0	0.0003	1569	0.0002	-0.0002
Tl1908	190.856	{4	In2306	ppm	0.0023	0.0015	66.45	0.0012	0.0033
V_2924	292.402	{1	Y_3600	ppm	-0.0005	0.0004	77.14	-0.0002	-0.0007
Zn2062	206.200	{4	In2306	ppm	0.0059	0.0001	1.784	0.0059	0.006

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	181.34	0.33137	0.18274	181.57	181.1
In2306	230.606	{4	Cts/S	5171.9	2.5409	0.04913	5173.7	5170.1
Y_2243	224.306	{4	Cts/S	6823.9	1.0418	0.01527	6824.7	6823.2
Y_3600	360.073	{ 9	Cts/S	97603	140.23	0.14367	97504	97702
Y_3710	371.030	{ 9	Cts/S	8620.7	74.605	0.86541	8673.4	8567.9

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SampleName=600-50979-c-5-a
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Comment=
Custom ID1=
Custom ID2=

Custom ID3=
Run Time=2/27/2012 12:50:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068	{1	Y_3600	ppm	0	0.0001	409.4	-0.0001	0.0001
Al3082	308.215	{1	In2306	ppm	4.021	0.0642	1.597	4.066	3.975
As1890	189.042	{4	Y_2243	ppm	0.0033	0.0007	21.14	0.0038	0.0028
B_2496	249.678	{1	Y_3710	ppm	0.0584	0.003	5.069	0.0605	0.0563
Ba4554	455.403	{ 7	Y_3710	ppm	0.1403	0.001	0.6994	0.141	0.1396
Be3130	313.042	{1	Y_3710	ppm	0.0003	0	0.0559	0.0003	0.0003
Ca3158	315.887	{1	In2306	ppm	67.85	0.0334	0.0492	67.87	67.83
Ca3181	318.128	{1	In2306	ppm	68.26	0.037	0.0543	68.23	68.29
Cd2288	228.802	{4	Y_2243	ppm	0.0002	0.0001	46.6	0.0003	0.0002
Co2286	228.616	{4	In2306	ppm	0.0065	0.0002	2.929	0.0066	0.0063
Cr2677	267.716	{1	Y_3600	ppm	0.0083	0	0.5838	0.0082	0.0083
Cu3247	324.754	{1	Y_3600	ppm	0.013	0	0.3768	0.013	0.0131
Fe2404	240.488	{1	In2306	ppm	7.848	0.0046	0.0584	7.845	7.852
K_7664	766.490	{ 4	Y_3710	ppm	7.017	0.1185	1.688	7.101	6.934
K_7698	769.896	{ 4	Y_3710	ppm	7.053	0.0983	1.394	7.122	6.983
Li6707	670.784	{ 5	Y_3710	ppm	0.0955	0.0032	3.373	0.0977	0.0932
Mg2790	279.079	{1	Y_3710	ppm	17.04	0.0543	0.3186	17.08	17
Mn2576	257.610	{1	Y_3600	ppm	0.2145	0.0001	0.0562	0.2145	0.2144
Mn2576-2	257.610	{1	Y_3710	ppm	0.2005	0.0004	0.1805	0.2007	0.2002
Mo2020	202.030	{4	Y_2243	ppm	0.0298	0	0.1352	0.0298	0.0298
Na5895	589.592	{ 5	Y_3710	ppm	164.3	0.0764	0.0465	164.4	164.3
Na8183	818.326	{ 4	Y_3710	ppm	164.8	0.4477	0.2717	165.1	164.4
Ni2316	231.604	{4	In2306	ppm	0.0101	0.0002	2.314	0.0102	0.0099
P_1782	178.284	{4	In2306	ppm	0.1425	0.0012	0.8462	0.1433	0.1416
Pb2203	220.353	{4	In2306	ppm	0.0099	0.0001	0.5665	0.0098	0.0099
S_1820	182.034	{4	Y_2243	ppm	16100	65.03	0.4039	16150	16060
Sb2068	206.833	{4	Y_2243	ppm	0.0033	0.0019	57.79	0.0047	0.002
Se1960	196.090	{4	Y_2243	ppm	0.0032	0.0002	7.841	0.0034	0.003
Si2516	251.611	{1	Y_3710	ppm	9.58	0.0358	0.3742	9.605	9.554
Sn1899	189.989	{4	In2306	ppm	0.0011	0.0004	39.68	0.0014	0.0008
Sr4215	421.552	{ 8	Y_3710	ppm	1.047	0.0039	0.3752	1.05	1.044
Ti3349	334.904	{1	Y_3600	ppm	0.0299	0.0002	0.7834	0.0301	0.0297
Tl1908	190.856	{4	In2306	ppm	0.0008	0.0002	24.87	0.0006	0.0009
V_2924	292.402	{1	Y_3600	ppm	0.0069	0.0001	0.7367	0.0068	0.0069
Zn2062	206.200	{4	In2306	ppm	0.0843	0.0004	0.5169	0.0846	0.084

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606	{1	Cts/S	186.93	2.3725	1.2692	185.25	188.61
In2306	230.606	{4	Cts/S	5302.8	5.0418	0.09508	5306.4	5299.3
Y_2243	224.306	{4	Cts/S	6927.1	2.4886	0.03593	6928.9	6925.4
Y_3600	360.073	{ 9	Cts/S	93222	108.01	0.11586	93146	93298
Y_3710	371.030	{ 9	Cts/S	8717.3	49.364	0.56628	8682.4	8752.2

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 12:53:01

Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0003	120.2	0.0004	0
Al3082	308.215 {1	In2306	ppm	0.0126	0.0337	268	-0.0112	0.0364
As1890	189.042 {4	Y_2243	ppm	0.0012	0.0013	113.7	0.0021	0.0002
B_2496	249.678 {1	Y_3710	ppm	0.3516	0.0008	0.2402	0.351	0.3522
Ba4554	455.403 { 7	Y_3710	ppm	0.0278	0	0.0457	0.0278	0.0278
Be3130	313.042 {1	Y_3710	ppm	0	0	529.3	0	0
Ca3158	315.887 {1	In2306	ppm	168.6	1.646	0.9762	169.7	167.4
Ca3181	318.128 {1	In2306	ppm	165.4	2.224	1.345	167	163.8
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0	10.41	0.0003	0.0004
Co2286	228.616 {4	In2306	ppm	0.0036	0.0001	3.336	0.0035	0.0037
Cr2677	267.716 {1	Y_3600	ppm	0.001	0.0001	11.16	0.0011	0.0009
Cu3247	324.754 {1	Y_3600	ppm	0.0042	0.0006	14.58	0.0047	0.0038
Fe2404	240.488 {1	In2306	ppm	0.0168	0.0039	23.38	0.0195	0.014
K_7664	766.490 { 4	Y_3710	ppm	25.63	0.0409	0.1597	25.6	25.66
K_7698	769.896 { 4	Y_3710	ppm	25.61	0.1159	0.4523	25.53	25.7
Li6707	670.784 { 5	Y_3710	ppm	0.0184	0.0003	1.616	0.0182	0.0186
Mg2790	279.079 {1	Y_3710	ppm	50.18	0.0027	0.0053	50.18	50.18
Mn2576	257.610 {1	Y_3600	ppm	1.376	0.0021	0.1547	1.377	1.374
Mn2576-2	257.610 {1	Y_3710	ppm	1.255	0.0064	0.5086	1.25	1.259
Mo2020	202.030 {4	Y_2243	ppm	0.002	0.0002	9.6	0.0018	0.0021
Na5895	589.592 { 5	Y_3710	ppm	24.12	0.0552	0.2288	24.08	24.16
Na8183	818.326 { 4	Y_3710	ppm	21.49	0.0154	0.0718	21.5	21.48
Ni2316	231.604 {4	In2306	ppm	0.0078	0	0.0203	0.0078	0.0079
P_1782	178.284 {4	In2306	ppm	0.0081	0.0018	21.87	0.0069	0.0094
Pb2203	220.353 {4	In2306	ppm	0.002	0.0017	87.48	0.0007	0.0032
S_1820	182.034 {4	Y_2243	ppm	30870	314.1	1.017	31090	30650
Sb2068	206.833 {4	Y_2243	ppm	0.0009	0.0018	208.6	0.0022	-0.0004
Se1960	196.090 {4	Y_2243	ppm	0.0029	0.001	35.26	0.0022	0.0036
Si2516	251.611 {1	Y_3710	ppm	7.996	0.0466	0.5829	8.029	7.963
Sn1899	189.989 {4	In2306	ppm	0.0015	0.0006	43.36	0.002	0.001
Sr4215	421.552 { 8	Y_3710	ppm	0.4409	0.0004	0.1008	0.4413	0.4406
Ti3349	334.904 {1	Y_3600	ppm	0.0009	0.0003	31.17	0.0011	0.0007
Tl1908	190.856 {4	In2306	ppm	-0.0004	0.0012	304.9	0.0005	-0.0013
V_2924	292.402 {1	Y_3600	ppm	-0.0021	0.0005	26.48	-0.0024	-0.0017
Zn2062	206.200 {4	In2306	ppm	0.0056	0.0012	20.5	0.0048	0.0065

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	178.36	2.2115	1.2399	176.8	179.92
In2306	230.606 {4	Cts/S	5154.6	15.538	0.30144	5143.6	5165.5
Y_2243	224.306 {4	Cts/S	6676.3	22.819	0.34179	6660.1	6692.4
Y_3600	360.073 { 9	Cts/S	92938	329.52	0.35456	92705	93171
Y_3710	371.030 { 9	Cts/S	8634.7	14.043	0.16264	8644.7	8624.8

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Custom ID2=
Custom ID3=
Run Time=2/27/2012 12:55:34
Sample Type=Unk
Mode=CONC

CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0	0.0002	848.2	0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0014	0.0244	1774	-0.0159	0.0186
As1890	189.042 {4	Y_2243	ppm	-0.0006	0.0001	22.95	-0.0005	-0.0007
B_2496	249.678 {1	Y_3710	ppm	0.0017	0.0002	9.93	0.0016	0.0019
Ba4554	455.403 { 7	Y_3710	ppm	0.0007	0.0003	35.75	0.0009	0.0005
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	15.39	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0236	0.0083	35.33	0.0177	0.0295
Ca3181	318.128 {1	In2306	ppm	-0.0904	0.0555	61.34	-0.1297	-0.0512
Cd2288	228.802 {4	Y_2243	ppm	0.0001	0	25.38	0.0002	0.0001
Co2286	228.616 {4	In2306	ppm	0.0004	0.0002	61.71	0.0002	0.0006
Cr2677	267.716 {1	Y_3600	ppm	0	0.0001	225.3	0	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0032	0.0003	8.768	0.003	0.0034
Fe2404	240.488 {1	In2306	ppm	0.0028	0.0112	398.1	-0.0051	0.0107
K_7664	766.490 { 4	Y_3710	ppm	0.0725	0.0004	0.5076	0.0728	0.0722
K_7698	769.896 { 4	Y_3710	ppm	0.1223	0.0542	44.3	0.1606	0.084
Li6707	670.784 { 5	Y_3710	ppm	-0.0001	0.0001	85.75	0	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0133	0.0265	199.6	-0.0055	0.032
Mn2576	257.610 {1	Y_3600	ppm	0.0004	0	12.55	0.0004	0.0003
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0001	0.0001	69.53	-0.0001	-0.0002
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0002	200.6	0.0002	0
Na5895	589.592 { 5	Y_3710	ppm	0.2121	0.004	1.886	0.2149	0.2093
Na8183	818.326 { 4	Y_3710	ppm	0.1789	0.0558	31.2	0.1394	0.2184
Ni2316	231.604 {4	In2306	ppm	0.0004	0.0001	33.25	0.0005	0.0003
P_1782	178.284 {4	In2306	ppm	0.0021	0.0002	9.696	0.0022	0.0019
Pb2203	220.353 {4	In2306	ppm	-0.0013	0.0006	50.69	-0.0008	-0.0017
S_1820	182.034 {4	Y_2243	ppm	88.27	109.5	124.1	10.82	165.7
Sb2068	206.833 {4	Y_2243	ppm	-0.0008	0.0005	60.66	-0.0005	-0.0012
Se1960	196.090 {4	Y_2243	ppm	0	0.0012	4390	-0.0008	0.0009
Si2516	251.611 {1	Y_3710	ppm	0.0186	0.0043	23.21	0.0217	0.0155
Sn1899	189.989 {4	In2306	ppm	-0.0003	0	14.18	-0.0003	-0.0003
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	29.71	0.0001	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0.0003	67.95	-0.0002	-0.0007
Tl1908	190.856 {4	In2306	ppm	0.0022	0.004	183.7	0.005	-0.0006
V_2924	292.402 {1	Y_3600	ppm	-0.0003	0.0002	60.52	-0.0002	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0029	0	1.7	0.0029	0.0029

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	179.38	0.43598	0.24305	179.07	179.69
In2306	230.606 {4	Cts/S	5071.8	16.812	0.33148	5059.9	5083.7
Y_2243	224.306 {4	Cts/S	6822.6	34.058	0.49919	6798.5	6846.7
Y_3600	360.073 { 9	Cts/S	100880	252.91	0.25071	100700	101060
Y_3710	371.030 { 9	Cts/S	8545	23.964	0.28045	8562	8528.1

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SampleName=600-50979-c-8-a
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Custom ID3=
Run Time=2/27/2012 12:58:13
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0002	126.6	-0.0002	0
Al3082	308.215 {1	In2306	ppm	0.0161	0.006	37.56	0.0118	0.0203
As1890	189.042 {4	Y_2243	ppm	0.008	0.0001	0.8222	0.008	0.0081
B_2496	249.678 {1	Y_3710	ppm	0.0285	0.0033	11.58	0.0308	0.0262
Ba4554	455.403 { 7	Y_3710	ppm	0.0598	0.0001	0.1368	0.0598	0.0599
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	3.855	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	77	0.9965	1.294	76.3	77.71
Ca3181	318.128 {1	In2306	ppm	76.9	1.24	1.612	76.02	77.78
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	21.23	0.0002	0.0003
Co2286	228.616 {4	In2306	ppm	0.0003	0	7.211	0.0002	0.0003
Cr2677	267.716 {1	Y_3600	ppm	0.0007	0.0001	18.19	0.0006	0.0008
Cu3247	324.754 {1	Y_3600	ppm	0.0039	0.0002	6.424	0.004	0.0037
Fe2404	240.488 {1	In2306	ppm	4.55	0.0644	1.415	4.504	4.595
K_7664	766.490 { 4	Y_3710	ppm	2.252	0.0001	0.0059	2.252	2.252
K_7698	769.896 { 4	Y_3710	ppm	2.281	0.0376	1.647	2.255	2.308
Li6707	670.784 { 5	Y_3710	ppm	0.0266	0.0003	1.047	0.0268	0.0264
Mg2790	279.079 {1	Y_3710	ppm	29.5	0.04	0.1355	29.53	29.47
Mn2576	257.610 {1	Y_3600	ppm	0.282	0.0011	0.4027	0.2812	0.2828
Mn2576-2	257.610 {1	Y_3710	ppm	0.2583	0.0005	0.1764	0.258	0.2586
Mo2020	202.030 {4	Y_2243	ppm	0.0001	0.0001	72.57	0.0002	0.0001
Na5895	589.592 { 5	Y_3710	ppm	25.51	0.1142	0.4476	25.59	25.43
Na8183	818.326 { 4	Y_3710	ppm	23.52	0.0295	0.1254	23.54	23.5
Ni2316	231.604 {4	In2306	ppm	0.0014	0.0001	5.375	0.0015	0.0014
P_1782	178.284 {4	In2306	ppm	0.0666	0.0013	1.936	0.0676	0.0657
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0019	149	-0.0001	0.0027
S_1820	182.034 {4	Y_2243	ppm	14840	9.593	0.0647	14830	14840
Sb2068	206.833 {4	Y_2243	ppm	-0.0018	0.0015	82.46	-0.0028	-0.0007
Se1960	196.090 {4	Y_2243	ppm	0.0021	0.0007	33.89	0.0026	0.0016
Si2516	251.611 {1	Y_3710	ppm	8.046	0.0535	0.6649	8.083	8.008
Sn1899	189.989 {4	In2306	ppm	0.0007	0	5.174	0.0007	0.0006
Sr4215	421.552 { 8	Y_3710	ppm	0.1697	0.0006	0.3431	0.1693	0.1701
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0006	58.08	0.0015	0.0006
Tl1908	190.856 {4	In2306	ppm	0.0027	0.0023	85.58	0.0044	0.0011
V_2924	292.402 {1	Y_3600	ppm	-0.0009	0.0002	17.55	-0.001	-0.0008
Zn2062	206.200 {4	In2306	ppm	0.0059	0	0.7311	0.0058	0.0059

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	181.91	2.546	1.3996	183.71	180.11
In2306	230.606 {4	Cts/S	5154.5	3.1771	0.06164	5156.7	5152.2
Y_2243	224.306 {4	Cts/S	6776.4	9.6996	0.14314	6783.2	6769.5
Y_3600	360.073 { 9	Cts/S	95469	32.498	0.03404	95492	95446
Y_3710	371.030 { 9	Cts/S	8676.8	3.1818	0.03667	8679.1	8674.6

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Custom ID2=
Custom ID3=
Run Time=2/27/2012 13:00:47
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4741	0.0002	0.0444	0.4739	0.4742
Al3082	308.215 {1	In2306	ppm	10.65	0.0817	0.7669	10.71	10.59
As1890	189.042 {4	Y_2243	ppm	1.038	0.012	1.152	1.03	1.047
B_2496	249.678 {1	Y_3710	ppm	0.8842	0.0029	0.3226	0.8862	0.8822
Ba4554	455.403 { 7	Y_3710	ppm	1.111	0.0144	1.296	1.121	1.101
Be3130	313.042 {1	Y_3710	ppm	0.449	0.0054	1.199	0.4528	0.4452
Ca3158	315.887 {1	In2306	ppm	87.21	0.8778	1.007	87.83	86.59
Ca3181	318.128 {1	In2306	ppm	87.08	1.014	1.164	87.8	86.37
Cd2288	228.802 {4	Y_2243	ppm	0.4978	0.0044	0.8874	0.4947	0.5009
Co2286	228.616 {4	In2306	ppm	0.9378	0.0062	0.6575	0.9334	0.9422
Cr2677	267.716 {1	Y_3600	ppm	0.8941	0.0067	0.7523	0.8988	0.8893
Cu3247	324.754 {1	Y_3600	ppm	0.946	0.0006	0.0603	0.9464	0.9456
Fe2404	240.488 {1	In2306	ppm	14.33	0.188	1.312	14.46	14.2
K_7664	766.490 { 4	Y_3710	ppm	13.9	0.0735	0.5285	13.95	13.85
K_7698	769.896 { 4	Y_3710	ppm	13.8	0.1671	1.211	13.91	13.68
Li6707	670.784 { 5	Y_3710	ppm	0.6274	0.0043	0.68	0.6304	0.6244
Mg2790	279.079 {1	Y_3710	ppm	39.02	0.6377	1.634	39.47	38.57
Mn2576	257.610 {1	Y_3600	ppm	1.184	0.0046	0.3924	1.187	1.181
Mn2576-2	257.610 {1	Y_3710	ppm	1.132	0.01	0.8815	1.139	1.125
Mo2020	202.030 {4	Y_2243	ppm	1.061	0.0077	0.7295	1.056	1.067
Na5895	589.592 { 5	Y_3710	ppm	37.85	0.2806	0.7414	38.05	37.65
Na8183	818.326 { 4	Y_3710	ppm	35.11	0.3242	0.9236	35.33	34.88
Ni2316	231.604 {4	In2306	ppm	0.9675	0.0076	0.7846	0.9621	0.9729
P_1782	178.284 {4	In2306	ppm	0.0653	0.0018	2.722	0.0641	0.0666
Pb2203	220.353 {4	In2306	ppm	0.9595	0.0054	0.5629	0.9557	0.9634
S_1820	182.034 {4	Y_2243	ppm	15160	158.1	1.042	15050	15270
Sb2068	206.833 {4	Y_2243	ppm	1.028	0.0084	0.8152	1.022	1.034
Se1960	196.090 {4	Y_2243	ppm	1.055	0.0152	1.437	1.044	1.065
Si2516	251.611 {1	Y_3710	ppm	9.02	0.1003	1.112	9.091	8.949
Sn1899	189.989 {4	In2306	ppm	0.9305	0.0048	0.5124	0.9271	0.9338
Sr4215	421.552 { 8	Y_3710	ppm	0.6982	0.0099	1.425	0.7053	0.6912
Ti3349	334.904 {1	Y_3600	ppm	0.8807	0.0007	0.0755	0.8812	0.8803
Tl1908	190.856 {4	In2306	ppm	1.032	0.0001	0.0123	1.032	1.032
V_2924	292.402 {1	Y_3600	ppm	0.886	0.0072	0.8081	0.8911	0.8809
Zn2062	206.200 {4	In2306	ppm	0.9124	0.0045	0.4919	0.9093	0.9156

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	181.55	1.6421	0.90449	180.39	182.71
In2306	230.606 {4	Cts/S	5136.1	39.083	0.76095	5163.7	5108.4
Y_2243	224.306 {4	Cts/S	6698.6	65.109	0.97199	6744.6	6652.6
Y_3600	360.073 { 9	Cts/S	94724	21.084	0.02226	94739	94709
Y_3710	371.030 { 9	Cts/S	8471.6	83.199	0.98209	8412.7	8530.4

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.4719	0.0014	0.2924	0.4709	0.4729

Al3082	308.215 {1	In2306	ppm	10.43	0.2649	2.541	10.24	10.61
As1890	189.042 {4	Y_2243	ppm	1.033	0.0045	0.4332	1.03	1.036
B_2496	249.678 {1	Y_3710	ppm	0.8801	0.0046	0.5178	0.8769	0.8834
Ba4554	455.403 { 7	Y_3710	ppm	1.087	0.0014	0.1262	1.086	1.088
Be3130	313.042 {1	Y_3710	ppm	0.4418	0.0011	0.2591	0.4409	0.4426
Ca3158	315.887 {1	In2306	ppm	86.49	1.049	1.213	85.74	87.23
Ca3181	318.128 {1	In2306	ppm	85.75	0.4538	0.5292	85.43	86.07
Cd2288	228.802 {4	Y_2243	ppm	0.493	0.0018	0.3637	0.4942	0.4917
Co2286	228.616 {4	In2306	ppm	0.927	0.0015	0.1603	0.9281	0.926
Cr2677	267.716 {1	Y_3600	ppm	0.8932	0.0034	0.3808	0.8908	0.8956
Cu3247	324.754 {1	Y_3600	ppm	0.9455	0.007	0.7376	0.9505	0.9406
Fe2404	240.488 {1	In2306	ppm	14	0.1548	1.106	13.89	14.11
K_7664	766.490 { 4	Y_3710	ppm	13.61	0.1685	1.239	13.49	13.73
K_7698	769.896 { 4	Y_3710	ppm	13.56	0.1695	1.251	13.44	13.68
Li6707	670.784 { 5	Y_3710	ppm	0.6131	0.0112	1.826	0.6052	0.6211
Mg2790	279.079 {1	Y_3710	ppm	38.58	0.0581	0.1507	38.54	38.62
Mn2576	257.610 {1	Y_3600	ppm	1.183	0.0091	0.767	1.176	1.189
Mn2576-2	257.610 {1	Y_3710	ppm	1.114	0	0.0043	1.114	1.114
Mo2020	202.030 {4	Y_2243	ppm	1.05	0.0066	0.628	1.055	1.046
Na5895	589.592 { 5	Y_3710	ppm	37.28	0.5337	1.432	36.9	37.66
Na8183	818.326 { 4	Y_3710	ppm	34.38	0.2144	0.6237	34.23	34.53
Ni2316	231.604 {4	In2306	ppm	0.9538	0.0023	0.2397	0.9554	0.9521
P_1782	178.284 {4	In2306	ppm	0.0672	0.0002	0.351	0.0674	0.067
Pb2203	220.353 {4	In2306	ppm	0.947	0.0008	0.0795	0.9476	0.9465
S_1820	182.034 {4	Y_2243	ppm	15120	48.61	0.3216	15150	15080
Sb2068	206.833 {4	Y_2243	ppm	1.03	0.0066	0.6385	1.035	1.026
Se1960	196.090 {4	Y_2243	ppm	1.046	0.0012	0.1163	1.047	1.045
Si2516	251.611 {1	Y_3710	ppm	8.967	0.0534	0.5957	8.929	9.004
Sn1899	189.989 {4	In2306	ppm	0.9209	0.0015	0.1604	0.9219	0.9198
Sr4215	421.552 { 8	Y_3710	ppm	0.6852	0	0.0013	0.6852	0.6852
Ti3349	334.904 {1	Y_3600	ppm	0.8806	0.0002	0.0179	0.8807	0.8805
Tl1908	190.856 {4	In2306	ppm	1.021	0.0098	0.9585	1.028	1.014
V_2924	292.402 {1	Y_3600	ppm	0.888	0.0014	0.1567	0.887	0.889
Zn2062	206.200 {4	In2306	ppm	0.8986	0.0026	0.2892	0.9005	0.8968

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	184.6	3.5649	1.9312	187.12	182.07
In2306	230.606 {4	Cts/S	5151.6	13.191	0.25606	5142.3	5161
Y_2243	224.306 {4	Cts/S	6712.3	17.971	0.26773	6699.6	6725
Y_3600	360.073 { 9	Cts/S	94546	8.7582	0.00926	94540	94553
Y_3710	371.030 { 9	Cts/S	8565.5	51.009	0.59551	8601.6	8529.5

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Custom ID3=
Run Time=2/27/2012 13:05:28
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0003	410.6	0.0003	-0.0001
Al3082	308.215 {1	In2306	ppm	0.0413	0.049	118.7	0.076	0.0066
As1890	189.042 {4	Y_2243	ppm	0.0114	0.0029	25.71	0.0093	0.0135

B_2496	249.678 {1	Y_3710	ppm	0.0312	0.0014	4.53	0.0322	0.0302
Ba4554	455.403 { 7	Y_3710	ppm	0.0629	0.0005	0.8015	0.0625	0.0633
Be3130	313.042 {1	Y_3710	ppm	0.0002	0	1.571	0.0002	0.0002
Ca3158	315.887 {1	In2306	ppm	79	0.4965	0.6284	78.65	79.36
Ca3181	318.128 {1	In2306	ppm	79.73	0.4022	0.5044	79.45	80.01
Cd2288	228.802 {4	Y_2243	ppm	0.0019	0.0022	113.6	0.0004	0.0035
Co2286	228.616 {4	In2306	ppm	0.0035	0.0042	120.3	0.0005	0.0064
Cr2677	267.716 {1	Y_3600	ppm	0.0008	0.0004	43.32	0.0006	0.0011
Cu3247	324.754 {1	Y_3600	ppm	0.0038	0.0005	12.11	0.0041	0.0035
Fe2404	240.488 {1	In2306	ppm	4.752	0.0055	0.1163	4.756	4.748
K_7664	766.490 { 4	Y_3710	ppm	2.335	0.0035	0.1495	2.333	2.338
K_7698	769.896 { 4	Y_3710	ppm	2.354	0.0493	2.094	2.32	2.389
Li6707	670.784 { 5	Y_3710	ppm	0.0275	0.0001	0.5019	0.0276	0.0274
Mg2790	279.079 {1	Y_3710	ppm	30.81	0.5364	1.741	30.43	31.19
Mn2576	257.610 {1	Y_3600	ppm	0.286	0.0005	0.1875	0.2856	0.2864
Mn2576-2	257.610 {1	Y_3710	ppm	0.2735	0.0025	0.9306	0.2717	0.2753
Mo2020	202.030 {4	Y_2243	ppm	0.0069	0.0062	90.23	0.0025	0.0113
Na5895	589.592 { 5	Y_3710	ppm	26.59	0.1365	0.5135	26.69	26.5
Na8183	818.326 { 4	Y_3710	ppm	24.53	0.0193	0.0788	24.51	24.54
Ni2316	231.604 {4	In2306	ppm	0.0044	0.0046	104.4	0.0012	0.0077
P_1782	178.284 {4	In2306	ppm	0.0679	0.0002	0.3558	0.0677	0.0681
Pb2203	220.353 {4	In2306	ppm	0.0028	0.0038	136	0.0001	0.0055
S_1820	182.034 {4	Y_2243	ppm	15240	0.6839	0.0045	15240	15240
Sb2068	206.833 {4	Y_2243	ppm	0.0145	0.0038	25.99	0.0119	0.0172
Se1960	196.090 {4	Y_2243	ppm	0.003	0.0032	106.7	0.0007	0.0052
Si2516	251.611 {1	Y_3710	ppm	8.46	0.0235	0.2774	8.444	8.477
Sn1899	189.989 {4	In2306	ppm	0.0058	0.0052	90.22	0.0021	0.0095
Sr4215	421.552 { 8	Y_3710	ppm	0.1779	0	0.0081	0.1779	0.1778
Ti3349	334.904 {1	Y_3600	ppm	0.0011	0.0004	34.95	0.0008	0.0013
Tl1908	190.856 {4	In2306	ppm	0.0136	0.0084	61.64	0.0077	0.0195
V_2924	292.402 {1	Y_3600	ppm	-0.0012	0.0002	15.89	-0.0013	-0.001
Zn2062	206.200 {4	In2306	ppm	0.0088	0.004	45.14	0.006	0.0116

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	177.88	0.8003	0.44991	177.31	178.44
In2306	230.606 {4	Cts/S	5144.4	9.9602	0.19361	5151.4	5137.3
Y_2243	224.306 {4	Cts/S	6693.4	22.367	0.33416	6709.2	6677.6
Y_3600	360.073 { 9	Cts/S	95924	13.241	0.0138	95933	95914
Y_3710	371.030 { 9	Cts/S	8439.4	21.074	0.24971	8454.3	8424.5

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2351	0.0009	0.4003	0.2357	0.2344
Al3082	308.215 {1	In2306	ppm	2.652	0.1014	3.822	2.724	2.581
As1890	189.042 {4	Y_2243	ppm	0.5078	0.0014	0.2723	0.5087	0.5068
B_2496	249.678 {1	Y_3710	ppm	0.4409	0.0035	0.8051	0.4434	0.4384
Ba4554	455.403 { 7	Y_3710	ppm	0.5303	0.0044	0.825	0.5334	0.5272

Be3130	313.042 {1	Y_3710	ppm	0.462	0.0024	0.5143	0.4637	0.4603
Ca3158	315.887 {1	In2306	ppm	13.15	0.2801	2.13	13.35	12.95
Ca3181	318.128 {1	In2306	ppm	13.36	0.3541	2.65	13.61	13.11
Cd2288	228.802 {4	Y_2243	ppm	0.482	0.0012	0.2413	0.4828	0.4812
Co2286	228.616 {4	In2306	ppm	0.4739	0.0013	0.2711	0.473	0.4748
Cr2677	267.716 {1	Y_3600	ppm	0.4594	0.0007	0.1534	0.4599	0.4589
Cu3247	324.754 {1	Y_3600	ppm	0.469	0.0032	0.6732	0.4713	0.4668
Fe2404	240.488 {1	In2306	ppm	2.542	0.0744	2.928	2.595	2.49
K_7664	766.490 { 4	Y_3710	ppm	13.99	0.2051	1.465	14.14	13.85
K_7698	769.896 { 4	Y_3710	ppm	14.19	0.1869	1.318	14.32	14.05
Li6707	670.784 { 5	Y_3710	ppm	0.5835	0.0099	1.697	0.5905	0.5765
Mg2790	279.079 {1	Y_3710	ppm	4.378	0.0293	0.6688	4.398	4.357
Mn2576	257.610 {1	Y_3600	ppm	0.4645	0.0002	0.047	0.4644	0.4647
Mn2576-2	257.610 {1	Y_3710	ppm	0.4409	0.0014	0.3264	0.442	0.4399
Mo2020	202.030 {4	Y_2243	ppm	0.5182	0.0044	0.8463	0.5213	0.5151
Na5895	589.592 { 5	Y_3710	ppm	14.4	0.1985	1.378	14.54	14.26
Na8183	818.326 { 4	Y_3710	ppm	13.35	0.1485	1.113	13.45	13.24
Ni2316	231.604 {4	In2306	ppm	0.4861	0.001	0.1989	0.4868	0.4854
P_1782	178.284 {4	In2306	ppm	0.0012	0.0008	61.6	0.0018	0.0007
Pb2203	220.353 {4	In2306	ppm	0.4788	0.0001	0.0275	0.4789	0.4787
S_1820	182.034 {4	Y_2243	ppm	251.6	16.16	6.422	240.2	263
Sb2068	206.833 {4	Y_2243	ppm	0.5023	0.0063	1.253	0.5068	0.4979
Se1960	196.090 {4	Y_2243	ppm	0.5201	0.003	0.5783	0.5223	0.518
Si2516	251.611 {1	Y_3710	ppm	0.8689	0.0149	1.711	0.8584	0.8794
Sn1899	189.989 {4	In2306	ppm	0.4675	0.0024	0.5226	0.4658	0.4693
Sr4215	421.552 { 8	Y_3710	ppm	0.2683	0.0016	0.5927	0.2695	0.2672
Ti3349	334.904 {1	Y_3600	ppm	0.4479	0.0007	0.1581	0.4484	0.4474
Tl1908	190.856 {4	In2306	ppm	0.4935	0.0108	2.192	0.5012	0.4859
V_2924	292.402 {1	Y_3600	ppm	0.4481	0.0007	0.1622	0.4476	0.4486
Zn2062	206.200 {4	In2306	ppm	0.4755	0.0008	0.1716	0.4749	0.4761

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	181.62	6.3605	3.5021	177.12	186.12
In2306	230.606 {4	Cts/S	5224	4.5492	0.08708	5227.2	5220.8
Y_2243	224.306 {4	Cts/S	6932	28.444	0.41033	6911.9	6952.2
Y_3600	360.073 { 9	Cts/S	98352	413.91	0.42085	98059	98644
Y_3710	371.030 { 9	Cts/S	8475.5	42.288	0.49894	8445.6	8505.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0048	0.0002	4.497	0.0049	0.0046
Al3082	308.215 {1	In2306	ppm	0.09	0.0082	9.1	0.0843	0.0958
As1890	189.042 {4	Y_2243	ppm	0.0128	0.0051	40.31	0.0091	0.0164
B_2496	249.678 {1	Y_3710	ppm	0.014	0.0054	38.32	0.0178	0.0102
Ba4554	455.403 { 7	Y_3710	ppm	0.0104	0.0002	1.717	0.0105	0.0103
Be3130	313.042 {1	Y_3710	ppm	0.0047	0.0001	1.238	0.0048	0.0047
Ca3158	315.887 {1	In2306	ppm	0.1172	0.0154	13.14	0.1063	0.1281

Ca3181	318.128 {1	In2306	ppm	0.0711	0.0734	103.3	0.0192	0.123
Cd2288	228.802 {4	Y_2243	ppm	0.0081	0.0035	43.9	0.0056	0.0105
Co2286	228.616 {4	In2306	ppm	0.0132	0.0037	28.09	0.0106	0.0158
Cr2677	267.716 {1	Y_3600	ppm	0.0093	0.0003	3.158	0.0095	0.0091
Cu3247	324.754 {1	Y_3600	ppm	0.0115	0.0002	1.721	0.0116	0.0114
Fe2404	240.488 {1	In2306	ppm	0.1023	0.022	21.47	0.1179	0.0868
K_7664	766.490 { 4	Y_3710	ppm	0.6775	0.0259	3.821	0.6592	0.6958
K_7698	769.896 { 4	Y_3710	ppm	0.7201	0.0748	10.39	0.6672	0.773
Li6707	670.784 { 5	Y_3710	ppm	0.0119	0.0003	2.749	0.0117	0.0121
Mg2790	279.079 {1	Y_3710	ppm	0.0854	0.0098	11.47	0.0924	0.0785
Mn2576	257.610 {1	Y_3600	ppm	0.0098	0.0003	2.928	0.01	0.0096
Mn2576-2	257.610 {1	Y_3710	ppm	0.0091	0.0005	5.788	0.0095	0.0087
Mo2020	202.030 {4	Y_2243	ppm	0.0156	0.0047	29.99	0.0123	0.0189
Na5895	589.592 { 5	Y_3710	ppm	0.7868	0.0098	1.251	0.7798	0.7937
Na8183	818.326 { 4	Y_3710	ppm	0.7108	0.025	3.52	0.7285	0.6931
Ni2316	231.604 {4	In2306	ppm	0.0132	0.0038	28.4	0.0106	0.0159
P_1782	178.284 {4	In2306	ppm	0.0113	0	0.4371	0.0113	0.0114
Pb2203	220.353 {4	In2306	ppm	0.0126	0.0055	43.51	0.0087	0.0165
S_1820	182.034 {4	Y_2243	ppm	2.714	2.481	91.42	0.9595	4.468
Sb2068	206.833 {4	Y_2243	ppm	0.0189	0.0026	13.93	0.017	0.0208
Se1960	196.090 {4	Y_2243	ppm	0.0129	0.0028	21.46	0.011	0.0149
Si2516	251.611 {1	Y_3710	ppm	0.0179	0.0076	42.54	0.0125	0.0233
Sn1899	189.989 {4	In2306	ppm	0.0141	0.0045	31.88	0.0109	0.0173
Sr4215	421.552 { 8	Y_3710	ppm	0.0054	0.0001	2.154	0.0053	0.0055
Ti3349	334.904 {1	Y_3600	ppm	0.0092	0.0004	4.683	0.0095	0.0089
Tl1908	190.856 {4	In2306	ppm	0.0188	0.0082	43.34	0.0131	0.0246
V_2924	292.402 {1	Y_3600	ppm	0.0088	0.0008	8.915	0.0094	0.0083
Zn2062	206.200 {4	In2306	ppm	0.013	0.0037	28.45	0.0104	0.0156

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	181.87	5.1748	2.8454	185.53	178.21
In2306	230.606 {4	Cts/S	5152.3	0.14242	0.00276	5152.4	5152.2
Y_2243	224.306 {4	Cts/S	6901.1	16.604	0.24059	6912.9	6889.4
Y_3600	360.073 { 9	Cts/S	101020	1144.1	1.1325	100210	101830
Y_3710	371.030 { 9	Cts/S	8564.7	144.5	1.6871	8666.9	8462.5

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 13:13:05
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0002	0.0001	46.15	-0.0002	-0.0001
Al3082	308.215 {1	In2306	ppm	-0.0212	0.0467	220.8	0.0119	-0.0542
As1890	189.042 {4	Y_2243	ppm	0.0001	0.0014	1872	0.0011	-0.0009
B_2496	249.678 {1	Y_3710	ppm	-0.0018	0.002	110	-0.0004	-0.0032
Ba4554	455.403 { 7	Y_3710	ppm	0.0004	0.0002	52.86	0.0006	0.0003
Be3130	313.042 {1	Y_3710	ppm	0	0	223.1	0	0
Ca3158	315.887 {1	In2306	ppm	0.1735	0.0057	3.274	0.1775	0.1695
Ca3181	318.128 {1	In2306	ppm	0.0794	0.07	88.14	0.0299	0.1289
Cd2288	228.802 {4	Y_2243	ppm	0.0003	0.0001	20.96	0.0003	0.0004

Co2286	228.616 {4	In2306	ppm	0.0001	0.0001	97.11	0.0002	0
Cr2677	267.716 {1	Y_3600	ppm	-0.0001	0.0002	209.7	-0.0003	0.0001
Cu3247	324.754 {1	Y_3600	ppm	0.0013	0	1.947	0.0013	0.0012
Fe2404	240.488 {1	In2306	ppm	-0.0042	0.001	23.8	-0.005	-0.0035
K_7664	766.490 { 4	Y_3710	ppm	0.056	0.0041	7.243	0.0588	0.0531
K_7698	769.896 { 4	Y_3710	ppm	0.1355	0.0061	4.47	0.1313	0.1398
Li6707	670.784 { 5	Y_3710	ppm	0.0005	0.0002	35.73	0.0004	0.0006
Mg2790	279.079 {1	Y_3710	ppm	0.0277	0.021	75.85	0.0426	0.0129
Mn2576	257.610 {1	Y_3600	ppm	0.0039	0	0.7244	0.0039	0.004
Mn2576-2	257.610 {1	Y_3710	ppm	0.0037	0.0008	20.33	0.0032	0.0042
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0001	8.351	0.0009	0.001
Na5895	589.592 { 5	Y_3710	ppm	0.1452	0.0071	4.897	0.1502	0.1401
Na8183	818.326 { 4	Y_3710	ppm	-0.0748	0.0578	77.33	-0.1157	-0.0339
Ni2316	231.604 {4	In2306	ppm	0.0003	0.0003	94.93	0.0005	0.0001
P_1782	178.284 {4	In2306	ppm	0.001	0.0001	12.4	0.0011	0.0009
Pb2203	220.353 {4	In2306	ppm	0.0014	0.0004	26.94	0.0017	0.0012
S_1820	182.034 {4	Y_2243	ppm	19.51	0.769	3.942	20.05	18.97
Sb2068	206.833 {4	Y_2243	ppm	0.0013	0.0009	65.77	0.0019	0.0007
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0011	228.1	-0.0003	0.0012
Si2516	251.611 {1	Y_3710	ppm	0.0087	0.0056	64.93	0.0047	0.0126
Sn1899	189.989 {4	In2306	ppm	0.0019	0.0003	18.28	0.0021	0.0016
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0	32.3	0.0002	0.0001
Ti3349	334.904 {1	Y_3600	ppm	0.0003	0.0002	55.02	0.0002	0.0004
Tl1908	190.856 {4	In2306	ppm	0.0013	0.0001	3.83	0.0013	0.0013
V_2924	292.402 {1	Y_3600	ppm	-0.0002	0.0001	45.49	-0.0003	-0.0001
Zn2062	206.200 {4	In2306	ppm	0.0084	0.0001	1.724	0.0083	0.0085

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	184.75	0.54495	0.29496	184.37	185.14
In2306	230.606 {4	Cts/S	5141.6	10.901	0.21202	5149.3	5133.9
Y_2243	224.306 {4	Cts/S	6849.9	0.32447	0.00474	6850.2	6849.7
Y_3600	360.073 { 9	Cts/S	99669	351.47	0.35264	99421	99918
Y_3710	371.030 { 9	Cts/S	8735.1	20.885	0.23909	8720.4	8749.9

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Custom ID2=
Custom ID3=
Run Time=2/27/2012 13:15:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0.0005	231.1	-0.0001	0.0005
Al3082	308.215 {1	In2306	ppm	-0.0029	0.007	238.9	-0.0078	0.002
As1890	189.042 {4	Y_2243	ppm	0.0015	0.0012	78.85	0.0007	0.0024
B_2496	249.678 {1	Y_3710	ppm	1.04	0.0146	1.408	1.03	1.051
Ba4554	455.403 { 7	Y_3710	ppm	0.0088	0.0001	1.349	0.0089	0.0087
Be3130	313.042 {1	Y_3710	ppm	0	0.0001	1027	-0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	0.4728	0.0049	1.047	0.4693	0.4763
Ca3181	318.128 {1	In2306	ppm	0.4451	0.0127	2.85	0.4541	0.4362
Cd2288	228.802 {4	Y_2243	ppm	0.0006	0.0001	11.48	0.0006	0.0005
Co2286	228.616 {4	In2306	ppm	0.0005	0.0002	33.29	0.0003	0.0006
Cr2677	267.716 {1	Y_3600	ppm	0.0047	0.0002	4.009	0.0046	0.0049

Cu3247	324.754 {1	Y_3600	ppm	0.0034	0.0003	9.944	0.0032	0.0036
Fe2404	240.488 {1	In2306	ppm	0.1379	0.0033	2.426	0.1403	0.1355
K_7664	766.490 { 4	Y_3710	ppm	0.1896	0.0064	3.385	0.1851	0.1942
K_7698	769.896 { 4	Y_3710	ppm	0.23	0.0009	0.3878	0.2294	0.2306
Li6707	670.784 { 5	Y_3710	ppm	0	0.0004	804.3	0.0003	-0.0002
Mg2790	279.079 {1	Y_3710	ppm	0.0625	0.0023	3.741	0.0609	0.0642
Mn2576	257.610 {1	Y_3600	ppm	0.0148	0	0.1905	0.0148	0.0148
Mn2576-2	257.610 {1	Y_3710	ppm	0.0135	0.0012	8.959	0.0127	0.0144
Mo2020	202.030 {4	Y_2243	ppm	0.0049	0.0003	6.339	0.0046	0.0051
Na5895	589.592 { 5	Y_3710	ppm	7.32	0.0448	0.6116	7.288	7.352
Na8183	818.326 { 4	Y_3710	ppm	6.472	0.1109	1.713	6.55	6.394
Ni2316	231.604 {4	In2306	ppm	0.0075	0.0005	6.052	0.0072	0.0078
P_1782	178.284 {4	In2306	ppm	0.0475	0.0004	0.9144	0.0479	0.0472
Pb2203	220.353 {4	In2306	ppm	0.0002	0.0003	179.1	0	0.0003
S_1820	182.034 {4	Y_2243	ppm	19760	155.4	0.7861	19870	19650
Sb2068	206.833 {4	Y_2243	ppm	0.0031	0.0023	75.31	0.0014	0.0047
Se1960	196.090 {4	Y_2243	ppm	0.0573	0.0002	0.3889	0.0574	0.0571
Si2516	251.611 {1	Y_3710	ppm	1.157	0.0092	0.7984	1.151	1.164
Sn1899	189.989 {4	In2306	ppm	0.0038	0.0004	10.47	0.0041	0.0035
Sr4215	421.552 { 8	Y_3710	ppm	0.0014	0	1.516	0.0014	0.0014
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0001	82.82	0	0.0002
Tl1908	190.856 {4	In2306	ppm	-0.0001	0.0009	976.7	0.0006	-0.0008
V_2924	292.402 {1	Y_3600	ppm	0.0003	0.0002	54.7	0.0002	0.0004
Zn2062	206.200 {4	In2306	ppm	0.0439	0.0004	0.8848	0.0442	0.0437

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	180.16	0.87231	0.48418	180.78	179.54
In2306	230.606 {4	Cts/S	5103	14.229	0.27885	5113.1	5092.9
Y_2243	224.306 {4	Cts/S	6705.7	6.6768	0.09957	6710.5	6701
Y_3600	360.073 { 9	Cts/S	100650	733.14	0.72843	101160	100130
Y_3710	371.030 { 9	Cts/S	8402.1	63.018	0.75003	8446.7	8357.6

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Custom ID2=
Custom ID3=
Run Time=2/27/2012 13:18:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.476	0.002	0.4231	0.4746	0.4774
Al3082	308.215 {1	In2306	ppm	10.64	0.2842	2.67	10.44	10.85
As1890	189.042 {4	Y_2243	ppm	1.046	0.0015	0.1443	1.045	1.047
B_2496	249.678 {1	Y_3710	ppm	0.9052	0.0035	0.3899	0.9027	0.9077
Ba4554	455.403 { 7	Y_3710	ppm	1.122	0.011	0.9845	1.114	1.13
Be3130	313.042 {1	Y_3710	ppm	0.4453	0.0024	0.5394	0.4436	0.447
Ca3158	315.887 {1	In2306	ppm	86.11	0.9517	1.105	85.44	86.78
Ca3181	318.128 {1	In2306	ppm	86.4	1.238	1.433	85.52	87.27
Cd2288	228.802 {4	Y_2243	ppm	0.4995	0.0019	0.3726	0.5009	0.4982
Co2286	228.616 {4	In2306	ppm	0.9268	0.0029	0.3083	0.9289	0.9248
Cr2677	267.716 {1	Y_3600	ppm	0.8944	0.0029	0.3232	0.8964	0.8923
Cu3247	324.754 {1	Y_3600	ppm	0.9603	0.0014	0.1461	0.9593	0.9613
Fe2404	240.488 {1	In2306	ppm	14.36	0.2023	1.409	14.22	14.5

K_7664	766.490 { 4	Y_3710	ppm	13.92	0.0379	0.2723	13.89	13.94
K_7698	769.896 { 4	Y_3710	ppm	13.9	0.0488	0.3515	13.86	13.93
Li6707	670.784 { 5	Y_3710	ppm	1.248	0.0049	0.3911	1.244	1.251
Mg2790	279.079 {1	Y_3710	ppm	38.75	0.3534	0.912	38.5	39
Mn2576	257.610 {1	Y_3600	ppm	1.181	0.001	0.0826	1.181	1.18
Mn2576-2	257.610 {1	Y_3710	ppm	1.139	0.0117	1.025	1.13	1.147
Mo2020	202.030 {4	Y_2243	ppm	1.038	0.0037	0.3574	1.041	1.035
Na5895	589.592 { 5	Y_3710	ppm	37.91	0.087	0.2296	37.85	37.97
Na8183	818.326 { 4	Y_3710	ppm	34.87	0.037	0.1062	34.84	34.89
Ni2316	231.604 {4	In2306	ppm	0.9603	0.0043	0.4444	0.9634	0.9573
P_1782	178.284 {4	In2306	ppm	1.044	0.0058	0.5542	1.048	1.04
Pb2203	220.353 {4	In2306	ppm	0.9602	0.0036	0.3742	0.9628	0.9577
S_1820	182.034 {4	Y_2243	ppm	14930	3.171	0.0212	14930	14920
Sb2068	206.833 {4	Y_2243	ppm	1.046	0.0094	0.8992	1.039	1.053
Se1960	196.090 {4	Y_2243	ppm	1.061	0.0003	0.0281	1.061	1.061
Si2516	251.611 {1	Y_3710	ppm	9.094	0.0862	0.9481	9.033	9.155
Sn1899	189.989 {4	In2306	ppm	0.9185	0.0084	0.9167	0.9245	0.9126
Sr4215	421.552 { 8	Y_3710	ppm	0.6967	0.0083	1.193	0.6908	0.7026
Ti3349	334.904 {1	Y_3600	ppm	0.8821	0	0.004	0.8821	0.8821
Tl1908	190.856 {4	In2306	ppm	1.045	0.0006	0.0569	1.046	1.045
V_2924	292.402 {1	Y_3600	ppm	0.8817	0.0029	0.3327	0.8838	0.8797
Zn2062	206.200 {4	In2306	ppm	0.9047	0.008	0.8895	0.9103	0.899

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	179.78	2.8301	1.5742	181.78	177.78
In2306	230.606 {4	Cts/S	5172.9	0.43322	0.00837	5172.6	5173.2
Y_2243	224.306 {4	Cts/S	6712.9	15.5	0.2309	6723.8	6701.9
Y_3600	360.073 { 9	Cts/S	94500	142.36	0.15065	94600	94399
Y_3710	371.030 { 9	Cts/S	8404.3	61.29	0.72927	8447.7	8361

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Custom ID3=
Run Time=2/27/2012 13:20:41
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0	28.8	0.0001	0.0001
Al3082	308.215 {1	In2306	ppm	0.0181	0.0431	238.7	0.0485	-0.0124
As1890	189.042 {4	Y_2243	ppm	0.0095	0.0105	110.3	0.0021	0.017
B_2496	249.678 {1	Y_3710	ppm	0.0018	0.0005	26.55	0.0015	0.0021
Ba4554	455.403 { 7	Y_3710	ppm	0.0122	0.0001	0.6645	0.0121	0.0123
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	19.27	0.0001	0.0001
Ca3158	315.887 {1	In2306	ppm	15.63	0.2639	1.688	15.82	15.45
Ca3181	318.128 {1	In2306	ppm	15.46	0.2844	1.839	15.66	15.26
Cd2288	228.802 {4	Y_2243	ppm	0.0046	0.0055	120.2	0.0007	0.0085
Co2286	228.616 {4	In2306	ppm	0.0093	0.0114	123	0.0012	0.0173
Cr2677	267.716 {1	Y_3600	ppm	0.0004	0.0003	98.64	0.0001	0.0006
Cu3247	324.754 {1	Y_3600	ppm	0.0026	0.0001	5.594	0.0027	0.0025
Fe2404	240.488 {1	In2306	ppm	0.9272	0.0147	1.581	0.9375	0.9168
K_7664	766.490 { 4	Y_3710	ppm	0.4544	0.0003	0.0643	0.4546	0.4542
K_7698	769.896 { 4	Y_3710	ppm	0.5313	0.0148	2.79	0.5418	0.5208

Li6707	670.784 { 5	Y_3710	ppm	0.0057	0.0003	5.647	0.0055	0.006
Mg2790	279.079 {1	Y_3710	ppm	5.995	0.0253	0.4212	6.013	5.977
Mn2576	257.610 {1	Y_3600	ppm	0.0585	0.0003	0.4579	0.0583	0.0587
Mn2576-2	257.610 {1	Y_3710	ppm	0.0536	0.0007	1.265	0.0531	0.0541
Mo2020	202.030 {4	Y_2243	ppm	0.0134	0.014	104.1	0.0035	0.0233
Na5895	589.592 { 5	Y_3710	ppm	5.234	0.0311	0.5944	5.212	5.256
Na8183	818.326 { 4	Y_3710	ppm	4.717	0.0514	1.089	4.68	4.753
Ni2316	231.604 {4	In2306	ppm	0.0093	0.0118	126.3	0.001	0.0177
P_1782	178.284 {4	In2306	ppm	0.021	0.0115	54.75	0.0129	0.0291
Pb2203	220.353 {4	In2306	ppm	0.0083	0.0106	127.4	0.0008	0.0158
S_1820	182.034 {4	Y_2243	ppm	3190	111.2	3.486	3111	3268
Sb2068	206.833 {4	Y_2243	ppm	0.0167	0.0159	95.34	0.0054	0.028
Se1960	196.090 {4	Y_2243	ppm	0.0071	0.009	127	0.0007	0.0134
Si2516	251.611 {1	Y_3710	ppm	1.695	0.0235	1.384	1.678	1.711
Sn1899	189.989 {4	In2306	ppm	0.0123	0.0113	91.3	0.0044	0.0203
Sr4215	421.552 { 8	Y_3710	ppm	0.035	0.0002	0.5926	0.0351	0.0348
Ti3349	334.904 {1	Y_3600	ppm	0.001	0.0001	12.42	0.0009	0.0011
Tl1908	190.856 {4	In2306	ppm	0.0063	0.0068	107.6	0.0015	0.0112
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0.0004	114.1	-0.0001	-0.0007
Zn2062	206.200 {4	In2306	ppm	0.0123	0.0109	88.36	0.0046	0.02

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	182.44	2.0395	1.1179	180.99	183.88
In2306	230.606 {4	Cts/S	5178.6	26.963	0.52067	5197.7	5159.5
Y_2243	224.306 {4	Cts/S	6846.5	53.148	0.77628	6884.1	6808.9
Y_3600	360.073 { 9	Cts/S	98919	107.79	0.10897	98843	98995
Y_3710	371.030 { 9	Cts/S	8576.6	5.6356	0.06571	8572.6	8580.5

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 13:23:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2339	0.0001	0.0587	0.234	0.2338
Al3082	308.215 {1	In2306	ppm	2.587	0.0018	0.0698	2.589	2.586
As1890	189.042 {4	Y_2243	ppm	0.5076	0.0015	0.2969	0.5065	0.5087
B_2496	249.678 {1	Y_3710	ppm	0.4295	0.0073	1.698	0.4347	0.4243
Ba4554	455.403 { 7	Y_3710	ppm	0.5162	0.0056	1.084	0.5201	0.5122
Be3130	313.042 {1	Y_3710	ppm	0.4543	0.0073	1.609	0.4594	0.4491
Ca3158	315.887 {1	In2306	ppm	12.92	0.1409	1.09	13.02	12.82
Ca3181	318.128 {1	In2306	ppm	12.82	0.1566	1.221	12.93	12.71
Cd2288	228.802 {4	Y_2243	ppm	0.4813	0.0027	0.5512	0.4832	0.4795
Co2286	228.616 {4	In2306	ppm	0.4725	0.0059	1.243	0.4766	0.4683
Cr2677	267.716 {1	Y_3600	ppm	0.4575	0.0007	0.1628	0.458	0.457
Cu3247	324.754 {1	Y_3600	ppm	0.4703	0.002	0.4177	0.4717	0.4689
Fe2404	240.488 {1	In2306	ppm	2.463	0.0438	1.778	2.494	2.432
K_7664	766.490 { 4	Y_3710	ppm	13.67	0.1226	0.8965	13.76	13.58
K_7698	769.896 { 4	Y_3710	ppm	13.65	0.0742	0.5433	13.7	13.6
Li6707	670.784 { 5	Y_3710	ppm	0.5659	0.0019	0.329	0.5672	0.5646
Mg2790	279.079 {1	Y_3710	ppm	4.279	0.0405	0.9461	4.308	4.251

Mn2576	257.610 {1	Y_3600	ppm	0.4613	0.0012	0.2502	0.4621	0.4604
Mn2576-2	257.610 {1	Y_3710	ppm	0.433	0.0109	2.525	0.4407	0.4252
Mo2020	202.030 {4	Y_2243	ppm	0.5188	0.0015	0.2819	0.5198	0.5177
Na5895	589.592 { 5	Y_3710	ppm	13.98	0.0778	0.5564	14.04	13.93
Na8183	818.326 { 4	Y_3710	ppm	12.84	0.0188	0.1462	12.85	12.83
Ni2316	231.604 {4	In2306	ppm	0.4837	0.0019	0.4005	0.4851	0.4823
P_1782	178.284 {4	In2306	ppm	0.0002	0.0008	347.5	0.0008	-0.0003
Pb2203	220.353 {4	In2306	ppm	0.4763	0.0018	0.3714	0.475	0.4775
S_1820	182.034 {4	Y_2243	ppm	242.2	7.218	2.981	237.1	247.3
Sb2068	206.833 {4	Y_2243	ppm	0.5012	0.0014	0.2816	0.5022	0.5002
Se1960	196.090 {4	Y_2243	ppm	0.5234	0.0008	0.1449	0.5229	0.524
Si2516	251.611 {1	Y_3710	ppm	0.8599	0.0158	1.833	0.8711	0.8488
Sn1899	189.989 {4	In2306	ppm	0.4638	0.0028	0.6035	0.4658	0.4618
Sr4215	421.552 { 8	Y_3710	ppm	0.2616	0.0029	1.096	0.2637	0.2596
Ti3349	334.904 {1	Y_3600	ppm	0.4506	0.0027	0.5993	0.4525	0.4486
Tl1908	190.856 {4	In2306	ppm	0.4901	0.0094	1.922	0.4968	0.4835
V_2924	292.402 {1	Y_3600	ppm	0.4526	0.001	0.2151	0.4533	0.4519
Zn2062	206.200 {4	In2306	ppm	0.4705	0.0027	0.5686	0.4724	0.4686

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	186.81	0.40271	0.21557	186.53	187.1
In2306	230.606 {4	Cts/S	5226.8	12.405	0.23733	5218	5235.6
Y_2243	224.306 {4	Cts/S	6910.4	1.1325	0.01639	6911.2	6909.6
Y_3600	360.073 { 9	Cts/S	98079	199.75	0.20366	97938	98221
Y_3710	371.030 { 9	Cts/S	8636.2	82.597	0.95641	8577.7	8694.6

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Custom ID3=
Run Time=2/27/2012 13:25:42
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0045	0.0001	2.919	0.0045	0.0046
Al3082	308.215 {1	In2306	ppm	0.0949	0.0341	35.9	0.0708	0.119
As1890	189.042 {4	Y_2243	ppm	0.0145	0.0075	51.33	0.0092	0.0198
B_2496	249.678 {1	Y_3710	ppm	0.0081	0.002	24.97	0.0067	0.0096
Ba4554	455.403 { 7	Y_3710	ppm	0.0108	0	0.4581	0.0108	0.0108
Be3130	313.042 {1	Y_3710	ppm	0.0046	0.0001	1.626	0.0046	0.0047
Ca3158	315.887 {1	In2306	ppm	0.103	0.0102	9.888	0.0958	0.1102
Ca3181	318.128 {1	In2306	ppm	0.0292	0.0035	11.92	0.0267	0.0317
Cd2288	228.802 {4	Y_2243	ppm	0.0117	0.0077	65.25	0.0063	0.0172
Co2286	228.616 {4	In2306	ppm	0.0166	0.0079	47.57	0.011	0.0222
Cr2677	267.716 {1	Y_3600	ppm	0.0097	0	0.1573	0.0096	0.0097
Cu3247	324.754 {1	Y_3600	ppm	0.0111	0	0.1115	0.0111	0.0111
Fe2404	240.488 {1	In2306	ppm	0.1072	0.0074	6.93	0.1125	0.102
K_7664	766.490 { 4	Y_3710	ppm	0.6654	0.0237	3.569	0.6486	0.6822
K_7698	769.896 { 4	Y_3710	ppm	0.7372	0.0928	12.59	0.6715	0.8028
Li6707	670.784 { 5	Y_3710	ppm	0.0114	0.0004	3.819	0.0111	0.0117
Mg2790	279.079 {1	Y_3710	ppm	0.1171	0.0062	5.319	0.1215	0.1127
Mn2576	257.610 {1	Y_3600	ppm	0.0098	0.0002	1.78	0.01	0.0097
Mn2576-2	257.610 {1	Y_3710	ppm	0.0086	0.0005	6.153	0.009	0.0082

Mo2020	202.030 {4	Y_2243	ppm	0.0198	0.0095	47.92	0.0131	0.0265
Na5895	589.592 { 5	Y_3710	ppm	0.7547	0.0287	3.8	0.7344	0.775
Na8183	818.326 { 4	Y_3710	ppm	0.5645	0.0226	4.001	0.5485	0.5804
Ni2316	231.604 {4	In2306	ppm	0.0171	0.0079	46.09	0.0115	0.0227
P_1782	178.284 {4	In2306	ppm	0.0114	0.0009	7.943	0.0108	0.012
Pb2203	220.353 {4	In2306	ppm	0.015	0.007	46.91	0.01	0.0199
S_1820	182.034 {4	Y_2243	ppm	3.865	3.583	92.71	1.331	6.398
Sb2068	206.833 {4	Y_2243	ppm	0.0229	0.0078	34.16	0.0174	0.0285
Se1960	196.090 {4	Y_2243	ppm	0.0153	0.0075	48.81	0.01	0.0205
Si2516	251.611 {1	Y_3710	ppm	0.0201	0.0106	52.58	0.0126	0.0275
Sn1899	189.989 {4	In2306	ppm	0.0174	0.0084	48.03	0.0115	0.0234
Sr4215	421.552 { 8	Y_3710	ppm	0.0054	0.0001	2.748	0.0055	0.0053
Ti3349	334.904 {1	Y_3600	ppm	0.009	0.0003	3.136	0.0092	0.0088
Tl1908	190.856 {4	In2306	ppm	0.0212	0.0091	42.83	0.0147	0.0276
V_2924	292.402 {1	Y_3600	ppm	0.0092	0.0002	2.571	0.009	0.0094
Zn2062	206.200 {4	In2306	ppm	0.0165	0.008	48.78	0.0108	0.0222

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	184.63	1.4478	0.78415	185.66	183.61
In2306	230.606 {4	Cts/S	5142.3	2.294	0.04461	5140.6	5143.9
Y_2243	224.306 {4	Cts/S	6842.2	4.517	0.06602	6845.4	6839
Y_3600	360.073 { 9	Cts/S	100740	70.676	0.07015	100690	100790
Y_3710	371.030 { 9	Cts/S	8639.3	132.91	1.5384	8733.3	8545.4

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0002	0	22.2	0.0002	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0126	0.0025	20	-0.0144	-0.0108
As1890	189.042 {4	Y_2243	ppm	-0.0001	0.0015	2839	0.001	-0.0011
B_2496	249.678 {1	Y_3710	ppm	-0.0022	0.004	183.1	-0.005	0.0006
Ba4554	455.403 { 7	Y_3710	ppm	0.0006	0	6.493	0.0006	0.0006
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	56.55	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.1612	0.0084	5.207	0.1553	0.1672
Ca3181	318.128 {1	In2306	ppm	0.1531	0.0712	46.5	0.2034	0.1028
Cd2288	228.802 {4	Y_2243	ppm	0.0005	0.0002	37.92	0.0004	0.0007
Co2286	228.616 {4	In2306	ppm	0.0008	0.0001	7.959	0.0009	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0003	386.1	-0.0001	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0031	0.0002	5.551	0.003	0.0032
Fe2404	240.488 {1	In2306	ppm	-0.0023	0.0057	246.7	-0.0064	0.0017
K_7664	766.490 { 4	Y_3710	ppm	0.0422	0.0204	48.38	0.0278	0.0567
K_7698	769.896 { 4	Y_3710	ppm	0.0863	0.0544	63.05	0.1248	0.0478
Li6707	670.784 { 5	Y_3710	ppm	0.0003	0.0001	20.09	0.0003	0.0002
Mg2790	279.079 {1	Y_3710	ppm	-0.0397	0.0111	27.93	-0.0475	-0.0318
Mn2576	257.610 {1	Y_3600	ppm	0.0039	0.0001	1.331	0.0039	0.004
Mn2576-2	257.610 {1	Y_3710	ppm	0.0035	0.0004	12.06	0.0032	0.0038
Mo2020	202.030 {4	Y_2243	ppm	0.0009	0.0005	49.47	0.0006	0.0012
Na5895	589.592 { 5	Y_3710	ppm	0.137	0.0057	4.171	0.1411	0.133

Na8183	818.326 { 4	Y_3710	ppm	-0.0754	0.0132	17.51	-0.0847	-0.0661
Ni2316	231.604 {4	In2306	ppm	0.0003	0	1.949	0.0003	0.0003
P_1782	178.284 {4	In2306	ppm	0.0011	0.0008	75.35	0.0016	0.0005
Pb2203	220.353 {4	In2306	ppm	0.0009	0.0014	156.9	-0.0001	0.0019
S_1820	182.034 {4	Y_2243	ppm	19.19	0.283	1.475	19.39	18.99
Sb2068	206.833 {4	Y_2243	ppm	0.0014	0.002	145.3	0	0.0028
Se1960	196.090 {4	Y_2243	ppm	-0.0009	0.0003	35.84	-0.0012	-0.0007
Si2516	251.611 {1	Y_3710	ppm	0.0088	0.0017	19.01	0.0076	0.01
Sn1899	189.989 {4	In2306	ppm	0.0009	0.0005	56.86	0.0005	0.0012
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	30.83	0.0002	0.0001
Ti3349	334.904 {1	Y_3600	ppm	-0.0005	0.0001	20.13	-0.0005	-0.0004
Tl1908	190.856 {4	In2306	ppm	0.0032	0.0006	18.14	0.0037	0.0028
V_2924	292.402 {1	Y_3600	ppm	0	0.0005	2038	0.0004	-0.0003
Zn2062	206.200 {4	In2306	ppm	0.0086	0.0002	2.728	0.0085	0.0088

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	180.41	3.6855	2.0428	177.81	183.02
In2306	230.606 {4	Cts/S	5106.7	1.0445	0.02045	5106	5107.4
Y_2243	224.306 {4	Cts/S	6776	8.1383	0.1201	6781.8	6770.3
Y_3600	360.073 { 9	Cts/S	100290	347.17	0.34617	100530	100040
Y_3710	371.030 { 9	Cts/S	8361.7	28.522	0.34111	8381.9	8341.5

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[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0	5.254	-0.0001	-0.0001
Al3082	308.215 {1	In2306	ppm	548.6	10.18	1.856	541.4	555.8
As1890	189.042 {4	Y_2243	ppm	0.0018	0.0004	23.03	0.0021	0.0015
B_2496	249.678 {1	Y_3710	ppm	0.0007	0.0028	412.3	-0.0013	0.0027
Ba4554	455.403 { 7	Y_3710	ppm	0.0014	0.001	73.31	0.0021	0.0007
Be3130	313.042 {1	Y_3710	ppm	0	0	78.36	0	0.0001
Ca3158	315.887 {1	In2306	ppm	517.7	5.029	0.9714	514.2	521.3
Ca3181	318.128 {1	In2306	ppm	500.6	4.172	0.8333	497.6	503.5
Cd2288	228.802 {4	Y_2243	ppm	0.0004	0	10.68	0.0004	0.0003
Co2286	228.616 {4	In2306	ppm	0.0006	0	8.623	0.0005	0.0006
Cr2677	267.716 {1	Y_3600	ppm	0.0022	0	1.155	0.0022	0.0022
Cu3247	324.754 {1	Y_3600	ppm	0.0052	0	0.4245	0.0052	0.0052
Fe2404	240.488 {1	In2306	ppm	192.1	2.469	1.285	190.3	193.8
K_7664	766.490 { 4	Y_3710	ppm	0.0001	0.0094	6470	0.0068	-0.0065
K_7698	769.896 { 4	Y_3710	ppm	0.0485	0.0442	91.13	0.0173	0.0798
Li6707	670.784 { 5	Y_3710	ppm	0.0101	0.0002	2.275	0.0103	0.01
Mg2790	279.079 {1	Y_3710	ppm	521.7	2.618	0.5019	523.5	519.8
Mn2576	257.610 {1	Y_3600	ppm	-0.0049	0	0.3271	-0.0049	-0.0049
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0061	0.0003	5.279	-0.0059	-0.0064
Mo2020	202.030 {4	Y_2243	ppm	-0.0028	0.0003	10.01	-0.003	-0.0026
Na5895	589.592 { 5	Y_3710	ppm	0.0783	0.0047	6.059	0.075	0.0817
Na8183	818.326 { 4	Y_3710	ppm	0.7792	0.0043	0.5525	0.7822	0.7761

Ni2316	231.604 {4	In2306	ppm	0.0016	0.0006	35.66	0.0012	0.002
P_1782	178.284 {4	In2306	ppm	0.0026	0.0011	43.72	0.0018	0.0033
Pb2203	220.353 {4	In2306	ppm	-0.022	0.0044	20.13	-0.0189	-0.0252
S_1820	182.034 {4	Y_2243	ppm	-24.41	1.693	6.937	-23.21	-25.61
Sb2068	206.833 {4	Y_2243	ppm	-0.011	0.0047	42.97	-0.0076	-0.0143
Se1960	196.090 {4	Y_2243	ppm	-0.0016	0.0002	12.26	-0.0014	-0.0017
Si2516	251.611 {1	Y_3710	ppm	0.0582	0.0168	28.8	0.0464	0.0701
Sn1899	189.989 {4	In2306	ppm	0.0025	0.0005	21.37	0.0029	0.0022
Sr4215	421.552 { 8	Y_3710	ppm	0.0028	0	0.4642	0.0028	0.0029
Ti3349	334.904 {1	Y_3600	ppm	0.0023	0.0002	10.29	0.0025	0.0021
Tl1908	190.856 {4	In2306	ppm	-0.0078	0.0018	23.64	-0.0065	-0.0091
V_2924	292.402 {1	Y_3600	ppm	-0.0068	0	0.699	-0.0069	-0.0068
Zn2062	206.200 {4	In2306	ppm	0.0031	0.0003	8.955	0.0029	0.0033

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	183.94	2.9883	1.6246	186.05	181.83
In2306	230.606 {4	Cts/S	4910.5	75.507	1.5377	4963.9	4857.1
Y_2243	224.306 {4	Cts/S	5789.6	103.29	1.784	5862.6	5716.5
Y_3600	360.073 { 9	Cts/S	89380	463.34	0.51839	89708	89052
Y_3710	371.030 { 9	Cts/S	7192.2	3.5233	0.04899	7194.7	7189.8

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.5102	0.0003	0.0506	0.51	0.5103
Al3082	308.215 {1	In2306	ppm	551.7	4.4	0.7976	554.8	548.5
As1890	189.042 {4	Y_2243	ppm	1.144	0.0052	0.455	1.148	1.14
B_2496	249.678 {1	Y_3710	ppm	1.022	0.0103	1.012	1.015	1.03
Ba4554	455.403 { 7	Y_3710	ppm	1.277	0.0004	0.031	1.277	1.277
Be3130	313.042 {1	Y_3710	ppm	0.4984	0.002	0.4107	0.497	0.4999
Ca3158	315.887 {1	In2306	ppm	522.8	0.6866	0.1313	523.3	522.3
Ca3181	318.128 {1	In2306	ppm	510.2	1.843	0.3612	511.5	508.9
Cd2288	228.802 {4	Y_2243	ppm	0.565	0.0017	0.3027	0.5662	0.5638
Co2286	228.616 {4	In2306	ppm	0.9143	0.0041	0.4486	0.9172	0.9114
Cr2677	267.716 {1	Y_3600	ppm	0.8078	0.0036	0.4413	0.8104	0.8053
Cu3247	324.754 {1	Y_3600	ppm	0.9969	0.0109	1.088	1.005	0.9892
Fe2404	240.488 {1	In2306	ppm	202.6	0.4926	0.2431	203	202.3
K_7664	766.490 { 4	Y_3710	ppm	13.55	0.0414	0.3051	13.58	13.52
K_7698	769.896 { 4	Y_3710	ppm	13.93	0.0936	0.6719	13.99	13.86
Li6707	670.784 { 5	Y_3710	ppm	1.398	0.0032	0.2321	1.4	1.396
Mg2790	279.079 {1	Y_3710	ppm	538.4	2.887	0.5363	536.3	540.4
Mn2576	257.610 {1	Y_3600	ppm	0.8298	0.0031	0.3749	0.832	0.8276
Mn2576-2	257.610 {1	Y_3710	ppm	1.067	0.0003	0.0319	1.067	1.067
Mo2020	202.030 {4	Y_2243	ppm	1.162	0.0074	0.6381	1.167	1.157
Na5895	589.592 { 5	Y_3710	ppm	13.78	0.0026	0.0188	13.78	13.77
Na8183	818.326 { 4	Y_3710	ppm	13.62	0.0194	0.1426	13.64	13.61
Ni2316	231.604 {4	In2306	ppm	0.9928	0.0003	0.0351	0.9931	0.9926
P_1782	178.284 {4	In2306	ppm	0.9737	0.0006	0.0624	0.9741	0.9733

Pb2203	220.353 {4	In2306	ppm	0.9967	0.0029	0.2906	0.9947	0.9988
S_1820	182.034 {4	Y_2243	ppm	-25.48	0.165	0.6474	-25.6	-25.37
Sb2068	206.833 {4	Y_2243	ppm	1.193	0.0076	0.6411	1.199	1.188
Se1960	196.090 {4	Y_2243	ppm	1.193	0.0044	0.3657	1.196	1.19
Si2516	251.611 {1	Y_3710	ppm	1.114	0.0082	0.7373	1.12	1.108
Sn1899	189.989 {4	In2306	ppm	0.8983	0.0027	0.3017	0.8964	0.9002
Sr4215	421.552 { 8	Y_3710	ppm	0.6304	0.001	0.1515	0.6297	0.6311
Ti3349	334.904 {1	Y_3600	ppm	0.7791	0.0047	0.5977	0.7824	0.7758
Tl1908	190.856 {4	In2306	ppm	1.145	0.0097	0.8502	1.151	1.138
V_2924	292.402 {1	Y_3600	ppm	0.771	0.0053	0.6874	0.7747	0.7672
Zn2062	206.200 {4	In2306	ppm	0.8112	0.0003	0.0399	0.811	0.8115

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	185.48	1.4738	0.79459	184.44	186.52
In2306	230.606 {4	Cts/S	4974.7	0.98068	0.01971	4975.4	4974
Y_2243	224.306 {4	Cts/S	5854.4	7.0354	0.12017	5849.5	5859.4
Y_3600	360.073 { 9	Cts/S	89936	449.23	0.4995	89619	90254
Y_3710	371.030 { 9	Cts/S	7132.3	8.0499	0.11286	7138	7126.6

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Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.2252	0.0005	0.2423	0.2255	0.2248
Al3082	308.215 {1	In2306	ppm	2.536	0.0247	0.9743	2.519	2.554
As1890	189.042 {4	Y_2243	ppm	0.5283	0.0029	0.556	0.5262	0.5303
B_2496	249.678 {1	Y_3710	ppm	0.4511	0.0069	1.532	0.4462	0.456
Ba4554	455.403 { 7	Y_3710	ppm	0.5026	0.0007	0.134	0.5021	0.503
Be3130	313.042 {1	Y_3710	ppm	0.459	0.003	0.6527	0.4569	0.4611
Ca3158	315.887 {1	In2306	ppm	12.42	0.17	1.369	12.3	12.54
Ca3181	318.128 {1	In2306	ppm	11.89	0.1293	1.088	11.8	11.98
Cd2288	228.802 {4	Y_2243	ppm	0.4915	0.0002	0.0313	0.4916	0.4914
Co2286	228.616 {4	In2306	ppm	0.4589	0.0019	0.4081	0.4575	0.4602
Cr2677	267.716 {1	Y_3600	ppm	0.4325	0.0045	1.044	0.4357	0.4293
Cu3247	324.754 {1	Y_3600	ppm	0.4582	0.0001	0.0113	0.4582	0.4582
Fe2404	240.488 {1	In2306	ppm	2.388	0.0255	1.067	2.37	2.406
K_7664	766.490 { 4	Y_3710	ppm	13.17	0.0878	0.6668	13.11	13.23
K_7698	769.896 { 4	Y_3710	ppm	13.49	0.0553	0.4103	13.45	13.53
Li6707	670.784 { 5	Y_3710	ppm	0.5731	0.0046	0.8018	0.5698	0.5763
Mg2790	279.079 {1	Y_3710	ppm	4.3	0.018	0.4181	4.287	4.313
Mn2576	257.610 {1	Y_3600	ppm	0.4407	0.0013	0.2867	0.4416	0.4398
Mn2576-2	257.610 {1	Y_3710	ppm	0.4547	0.0016	0.3599	0.4535	0.4558
Mo2020	202.030 {4	Y_2243	ppm	0.5591	0.001	0.1821	0.5584	0.5598
Na5895	589.592 { 5	Y_3710	ppm	13.93	0.0938	0.6738	13.86	13.99
Na8183	818.326 { 4	Y_3710	ppm	12.74	0.1999	1.569	12.88	12.59
Ni2316	231.604 {4	In2306	ppm	0.4864	0.0011	0.2252	0.4856	0.4872
P_1782	178.284 {4	In2306	ppm	0.0009	0.002	226.2	-0.0005	0.0023
Pb2203	220.353 {4	In2306	ppm	0.4726	0.0046	0.9668	0.4693	0.4758
S_1820	182.034 {4	Y_2243	ppm	250.6	0.9656	0.3853	251.3	249.9

Sb2068	206.833 {4	Y_2243	ppm	0.5522	0.0029	0.5309	0.5501	0.5543
Se1960	196.090 {4	Y_2243	ppm	0.5609	0.0011	0.1877	0.5602	0.5617
Si2516	251.611 {1	Y_3710	ppm	0.9356	0.0252	2.694	0.9178	0.9535
Sn1899	189.989 {4	In2306	ppm	0.4435	0.0022	0.505	0.4419	0.445
Sr4215	421.552 { 8	Y_3710	ppm	0.2612	0.0007	0.26	0.2607	0.2617
Ti3349	334.904 {1	Y_3600	ppm	0.4093	0.0021	0.5098	0.4108	0.4079
Tl1908	190.856 {4	In2306	ppm	0.5143	0.0011	0.21	0.5136	0.5151
V_2924	292.402 {1	Y_3600	ppm	0.4145	0.0033	0.7895	0.4168	0.4121
Zn2062	206.200 {4	In2306	ppm	0.4544	0.0004	0.0965	0.4541	0.4548

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	191.42	2.9424	1.5371	193.5	189.34
In2306	230.606 {4	Cts/S	5179.8	2.2279	0.04301	5178.3	5181.4
Y_2243	224.306 {4	Cts/S	6507.8	3.1982	0.04914	6510.1	6505.6
Y_3600	360.073 { 9	Cts/S	101480	52.005	0.05125	101440	101520
Y_3710	371.030 { 9	Cts/S	8263.7	33.939	0.4107	8287.7	8239.7

[Sample Header]
Method=ICP6500Metals_TRY3(v698)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 17:38:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	51.91	-0.0001	-0.0002
Al3082	308.215 {1	In2306	ppm	-0.0183	0.0311	169.6	0.0036	-0.0403
As1890	189.042 {4	Y_2243	ppm	0.0019	0.0017	89.18	0.0007	0.003
B_2496	249.678 {1	Y_3710	ppm	0.0014	0.0001	6.576	0.0013	0.0014
Ba4554	455.403 { 7	Y_3710	ppm	0.0004	0.0001	21.38	0.0005	0.0003
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	21.39	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.1569	0.0096	6.141	0.1638	0.1501
Ca3181	318.128 {1	In2306	ppm	0.0494	0.0419	84.85	0.079	0.0198
Cd2288	228.802 {4	Y_2243	ppm	0.0022	0.0024	107.6	0.0005	0.0039
Co2286	228.616 {4	In2306	ppm	0.0024	0.0027	111.7	0.0005	0.0043
Cr2677	267.716 {1	Y_3600	ppm	0.0003	0	16.76	0.0003	0.0002
Cu3247	324.754 {1	Y_3600	ppm	0.0026	0.0003	13.47	0.0028	0.0023
Fe2404	240.488 {1	In2306	ppm	0.0035	0.0057	161	-0.0005	0.0075
K_7664	766.490 { 4	Y_3710	ppm	0.0607	0.0047	7.81	0.0641	0.0574
K_7698	769.896 { 4	Y_3710	ppm	0.1924	0.0318	16.51	0.1699	0.2148
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0005	230.2	-0.0001	0.0006
Mg2790	279.079 {1	Y_3710	ppm	0.0269	0.0359	133.4	0.0015	0.0523
Mn2576	257.610 {1	Y_3600	ppm	0.0037	0	0.2643	0.0037	0.0037
Mn2576-2	257.610 {1	Y_3710	ppm	0.0036	0.0002	6.175	0.0037	0.0034
Mo2020	202.030 {4	Y_2243	ppm	0.0044	0.0038	85.51	0.0017	0.007
Na5895	589.592 { 5	Y_3710	ppm	0.0721	0.0032	4.469	0.0743	0.0698
Na8183	818.326 { 4	Y_3710	ppm	-0.0057	0.0119	210.9	-0.0141	0.0028
Ni2316	231.604 {4	In2306	ppm	0.0029	0.0026	89.38	0.0011	0.0047
P_1782	178.284 {4	In2306	ppm	0.0031	0.0004	14.41	0.0034	0.0028
Pb2203	220.353 {4	In2306	ppm	0.0013	0.0003	25.64	0.0015	0.001
S_1820	182.034 {4	Y_2243	ppm	20.28	1.272	6.271	19.38	21.18
Sb2068	206.833 {4	Y_2243	ppm	0.0107	0.0041	37.87	0.0079	0.0136
Se1960	196.090 {4	Y_2243	ppm	0.0005	0.0016	299	-0.0006	0.0017

Si2516	251.611 {1	Y_3710	ppm	0.0184	0.005	27.07	0.022	0.0149
Sn1899	189.989 {4	In2306	ppm	0.0039	0.0032	81.57	0.0017	0.0062
Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0.0001	74.67	0.0001	0.0003
Ti3349	334.904 {1	Y_3600	ppm	0.0001	0.0002	121.2	0	0.0003
Tl1908	190.856 {4	In2306	ppm	0.0061	0.0038	62.84	0.0034	0.0088
V_2924	292.402 {1	Y_3600	ppm	-0.0001	0.0002	114.6	-0.0003	0
Zn2062	206.200 {4	In2306	ppm	0.01	0.0025	24.88	0.0083	0.0118

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	183.19	4.475	2.4429	186.35	180.02
In2306	230.606 {4	Cts/S	5072.9	2.7491	0.05419	5074.8	5070.9
Y_2243	224.306 {4	Cts/S	6443.9	4.3888	0.06811	6447	6440.8
Y_3600	360.073 { 9	Cts/S	103100	602.14	0.58406	102670	103520
Y_3710	371.030 { 9	Cts/S	8019.9	74.923	0.93421	8072.9	7966.9

[Sample Header]
Method=ICP6500Metals_TRY3(v698)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 17:41:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	-0.0001	0.0001	183.6	-0.0001	0
Al3082	308.215 {1	In2306	ppm	-0.0225	0.0018	8.042	-0.0238	-0.0212
As1890	189.042 {4	Y_2243	ppm	0.0002	0.0005	248.8	-0.0001	0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0015	0.0037	252.4	0.0012	-0.0041
Ba4554	455.403 { 7	Y_3710	ppm	0.0001	0.0001	67.23	0.0002	0.0001
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	62.63	0	0.0001
Ca3158	315.887 {1	In2306	ppm	0.0026	0.0095	367.5	0.0093	-0.0041
Ca3181	318.128 {1	In2306	ppm	-0.0379	0.0124	32.7	-0.0466	-0.0291
Cd2288	228.802 {4	Y_2243	ppm	-0.0006	0	4.011	-0.0005	-0.0006
Co2286	228.616 {4	In2306	ppm	0.0008	0	2.383	0.0008	0.0008
Cr2677	267.716 {1	Y_3600	ppm	0.0002	0.0002	149.9	0	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0037	0.0004	12.17	0.004	0.0034
Fe2404	240.488 {1	In2306	ppm	-0.0017	0.0003	18.74	-0.0019	-0.0014
K_7664	766.490 { 4	Y_3710	ppm	0.0327	0.0219	66.87	0.0173	0.0482
K_7698	769.896 { 4	Y_3710	ppm	-0.4675	0.0134	2.863	-0.4769	-0.458
Li6707	670.784 { 5	Y_3710	ppm	0.0002	0.0002	117	0.0003	0
Mg2790	279.079 {1	Y_3710	ppm	0.0229	0.0119	52.1	0.0144	0.0313
Mn2576	257.610 {1	Y_3600	ppm	0	0.0001	182.6	-0.0001	0
Mn2576-2	257.610 {1	Y_3710	ppm	-0.0008	0.0004	48.6	-0.0005	-0.001
Mo2020	202.030 {4	Y_2243	ppm	-0.0005	0.0001	26.42	-0.0004	-0.0006
Na5895	589.592 { 5	Y_3710	ppm	0.0286	0.0019	6.509	0.0299	0.0273
Na8183	818.326 { 4	Y_3710	ppm	-0.0913	0.0041	4.482	-0.0885	-0.0942
Ni2316	231.604 {4	In2306	ppm	-0.0007	0.0003	35.69	-0.0009	-0.0006
P_1782	178.284 {4	In2306	ppm	-0.0004	0.0006	135.4	0	-0.0008
Pb2203	220.353 {4	In2306	ppm	0.0036	0.0022	61.59	0.002	0.0052
S_1820	182.034 {4	Y_2243	ppm	-4.453	0.2535	5.693	-4.633	-4.274
Sb2068	206.833 {4	Y_2243	ppm	-0.0085	0.0011	13.15	-0.0093	-0.0078
Se1960	196.090 {4	Y_2243	ppm	0.0024	0.001	41.61	0.0031	0.0017
Si2516	251.611 {1	Y_3710	ppm	0.0248	0.0138	55.55	0.0151	0.0345
Sn1899	189.989 {4	In2306	ppm	-0.0017	0.0004	22.6	-0.0019	-0.0014

Sr4215	421.552 { 8	Y_3710	ppm	0.0002	0	3.384	0.0002	0.0002
Ti3349	334.904 {1	Y_3600	ppm	-0.0003	0.0001	27.07	-0.0003	-0.0002
Tl1908	190.856 {4	In2306	ppm	0.0036	0.0005	15.39	0.004	0.0032
V_2924	292.402 {1	Y_3600	ppm	-0.0004	0.0001	15.96	-0.0005	-0.0004
Zn2062	206.200 {4	In2306	ppm	0.0012	0.0002	13.76	0.0011	0.0014

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	194.21	7.8357	4.0347	199.75	188.67
In2306	230.606 {4	Cts/S	5125.8	18.517	0.36125	5138.9	5112.7
Y_2243	224.306 {4	Cts/S	6551.7	3.3742	0.0515	6554.1	6549.4
Y_3600	360.073 { 9	Cts/S	103630	216.36	0.20879	103780	103470
Y_3710	371.030 { 9	Cts/S	8455.3	143.51	1.6973	8556.8	8353.8

[Sample Header]
Method=ICP6500Metals_TRY3(v698)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=2/27/2012 17:44:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]

Elem	WL	ISRef	Units	Avg	Stddev	RSD	Rep1	Rep2
Ag3280	328.068 {1	Y_3600	ppm	0.0001	0.0001	60.33	0.0001	0.0001
Al3082	308.215 {1	In2306	ppm	-0.0518	0.0064	12.3	-0.0473	-0.0563
As1890	189.042 {4	Y_2243	ppm	0.0009	0.0006	66.73	0.0013	0.0005
B_2496	249.678 {1	Y_3710	ppm	-0.0028	0.001	34.67	-0.0035	-0.0021
Ba4554	455.403 { 7	Y_3710	ppm	0.0002	0.0001	41.03	0.0001	0.0002
Be3130	313.042 {1	Y_3710	ppm	0.0001	0	53.47	0.0001	0
Ca3158	315.887 {1	In2306	ppm	-0.0033	0.0101	302.1	0.0038	-0.0104
Ca3181	318.128 {1	In2306	ppm	-0.0497	0.0035	7.096	-0.0472	-0.0522
Cd2288	228.802 {4	Y_2243	ppm	-0.0005	0	4.582	-0.0005	-0.0005
Co2286	228.616 {4	In2306	ppm	0.0007	0	1.304	0.0007	0.0007
Cr2677	267.716 {1	Y_3600	ppm	0.0001	0.0001	99.99	0	0.0003
Cu3247	324.754 {1	Y_3600	ppm	0.0034	0.0002	5.671	0.0035	0.0032
Fe2404	240.488 {1	In2306	ppm	0.0018	0.0051	281.5	-0.0018	0.0054
K_7664	766.490 { 4	Y_3710	ppm	0.0119	0.0109	91.45	0.0042	0.0196
K_7698	769.896 { 4	Y_3710	ppm	-0.5455	0.029	5.32	-0.525	-0.566
Li6707	670.784 { 5	Y_3710	ppm	0	0.0001	495.9	-0.0001	0
Mg2790	279.079 {1	Y_3710	ppm	0.03	0.04	133.2	0.0584	0.0017
Mn2576	257.610 {1	Y_3600	ppm	-0.0001	0	14.11	-0.0001	-0.0001
Mn2576-2	257.610 {1	Y_3710	ppm	0.0001	0.0008	956.1	0.0007	-0.0005
Mo2020	202.030 {4	Y_2243	ppm	-0.0016	0.0002	11.78	-0.0015	-0.0017
Na5895	589.592 { 5	Y_3710	ppm	0.0213	0.0034	15.97	0.0238	0.0189
Na8183	818.326 { 4	Y_3710	ppm	-0.0939	0.0418	44.5	-0.1234	-0.0644
Ni2316	231.604 {4	In2306	ppm	-0.0005	0.0001	26.23	-0.0004	-0.0006
P_1782	178.284 {4	In2306	ppm	-0.0016	0.0006	34.91	-0.0012	-0.002
Pb2203	220.353 {4	In2306	ppm	0.0026	0.0016	60.6	0.0037	0.0015
S_1820	182.034 {4	Y_2243	ppm	-3.988	0.2878	7.217	-3.785	-4.192
Sb2068	206.833 {4	Y_2243	ppm	-0.0067	0.0006	9.422	-0.0063	-0.0072
Se1960	196.090 {4	Y_2243	ppm	0.0022	0.0006	28.39	0.0026	0.0018
Si2516	251.611 {1	Y_3710	ppm	0.0057	0.0051	89.95	0.0021	0.0093
Sn1899	189.989 {4	In2306	ppm	-0.0017	0.0005	30.22	-0.0014	-0.0021
Sr4215	421.552 { 8	Y_3710	ppm	0.0001	0	56.18	0.0001	0
Ti3349	334.904 {1	Y_3600	ppm	-0.0004	0.0003	68.65	-0.0007	-0.0002

Tl1908	190.856 {4	In2306	ppm	0.0062	0.0022	35.08	0.0077	0.0047
V_2924	292.402 {1	Y_3600	ppm	-0.0005	0.0001	10.34	-0.0005	-0.0005
Zn2062	206.200 {4	In2306	ppm	0.0012	0.0002	14.07	0.001	0.0013

[Internal Standards]

Elem	WL	Units	Avg	Stddev	RSD	Rep1	Rep2
In2306	230.606 {1	Cts/S	195.24	8.5094	4.3585	201.26	189.22
In2306	230.606 {4	Cts/S	5106.9	24.092	0.47176	5123.9	5089.8
Y_2243	224.306 {4	Cts/S	6526.5	14.584	0.22346	6536.8	6516.2
Y_3600	360.073 { 9	Cts/S	102640	232.48	0.2265	102800	102480
Y_3710	371.030 { 9	Cts/S	8535	200.48	2.3489	8676.8	8393.3

Method: 20076010 02/24/12 06:13:47 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A022412	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 02/24/12 06:32:51 AM page 1

Method: 20076010 Standard: S0
Run Time: 02/24/12 06:29:28

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.00624	.00132	.00041	-.00023	-.02003	.00300	.00226
SDev	.00015	.00147	.00057	.00025	.00038	.00277	.00102
%RSD	2.3909	112.00	141.42	108.43	1.8988	92.389	44.928
#1	.00613	.00027	.00000	-.00041	-.01976	.00104	.00298
#2	.00634	.00236	.00081	-.00005	-.02030	.00496	.00154

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00498	-.00000	-.00045	.00415	.00460	.07745	.04157
SDev	.00003	.00004	.00009	.00005	.00305	.00050	.00027
%RSD	.69711	28690.	20.746	1.1608	66.429	.64739	.65079
#1	.00501	-.00003	-.00038	.00419	.00676	.07781	.04176
#2	.00496	.00003	-.00051	.00412	.00244	.07710	.04138

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00004	-.00033	-.00241	.48682	.03399	-.00034	-.00148
SDev	.00002	.00019	.00410	.00293	.00038	.00048	.00055
%RSD	46.520	59.500	170.34	.60218	1.1160	141.42	36.977
#1	.00003	-.00047	.00049	.48889	.03372	.00000	-.00109
#2	.00005	-.00019	-.00531	.48474	.03425	-.00068	-.00187

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.23920	-.00861	-.00155	.00040	-.00182	-.00004	.00019
SDev	.00198	.00137	.00009	.00260	.00014	.00006	.00034
%RSD	.82592	15.905	5.6583	644.25	7.7482	141.42	182.29
#1	.24060	-.00958	-.00161	.00224	-.00172	-.00008	-.00005
#2	.23780	-.00764	-.00149	-.00144	-.00192	.00000	.00043

Elem	2203/1	2203/2	1960/1	1960/2

Page 1

Avge	.00724	-.00059	-.00802	.00221
SDev	.00245	.00045	.00096	.00028
%RSD	33.902	76.140	11.977	12.913
#1	.00550	-.00090	-.00870	.00241
#2	.00897	-.00027	-.00734	.00201

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36719	--	--	--	--	--	--
SDev	255.9727	--	--	--	--	--	--
%RSD	.6971123	--	--	--	--	--	--
#1	36538	--	--	--	--	--	--
#2	36900	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 02/24/12 06:33:10

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.99215	1.1108	1.2702	13.684	24.141	7.3534	15.339
SDev	.00613	.0095	.0125	.103	.216	.0561	.133
%RSD	.61760	.85394	.98579	.75099	.89459	.76353	.86863
#1	.98782	1.1041	1.2613	13.612	23.988	7.3137	15.245
#2	.99649	1.1175	1.2790	13.757	24.294	7.3931	15.434

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	3.1762	2.4288	1.4749	1.4175	5.3479	21.651	1.3894
SDev	.0238	.0193	.0116	.0102	.0375	.147	.0109
%RSD	.74972	.79471	.78840	.71768	.70069	.67731	.78114
#1	3.1594	2.4152	1.4666	1.4103	5.3214	21.547	1.3818
#2	3.1931	2.4425	1.4831	1.4247	5.3744	21.755	1.3971

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	2.0448	1.8538	8.3196	2.9637	.94836	.81607	.14692
SDev	.0159	.0207	.0796	.0156	.00484	.00490	.00099
%RSD	.77878	1.1150	.95686	.52699	.51006	.60107	.67362
#1	2.0335	1.8392	8.2633	2.9527	.94494	.81260	.14622
#2	2.0560	1.8684	8.3759	2.9747	.95178	.81954	.14762

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	17.615	45.356	.36475	3.1918	12.157	.60629	3.5891
SDev	.115	.317	.00484	.0262	.093	.00459	.0284
%RSD	.65213	.69935	1.3270	.81994	.76379	.75740	.79002
#1	17.533	45.132	.36132	3.1733	12.091	.60304	3.5691
#2	17.696	45.580	.36817	3.2103	12.222	.60953	3.6092

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.4803	8.8962	1.3545	1.1790
SDev	.0097	.0576	.0051	.0131
%RSD	.21730	.64714	.37533	1.1079
#1	4.4872	8.8555	1.3581	1.1698
#2	4.4734	8.9370	1.3509	1.1883

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36435	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0659850	--	--	--	--	--	--
#1	36452	--	--	--	--	--	--
#2	36418	--	--	--	--	--	--

02/24/12 06:36:34 AM page 3

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	20.2857	-.126502	02/24/12 06:33:10
Sb2068	206.838	STD	S0	1.80861	-.002380	02/24/12 06:33:10
As1890	189.042	STD	S0	1.55985	-.000634	02/24/12 06:33:10
Ba4934	493.409	STD	S0	.146151	.000034	02/24/12 06:33:10
Be3130	313.042	STD	S0	.041416	.000830	02/24/12 06:33:10
B_2496	249.678	STD	S0	.272093	-.000816	02/24/12 06:33:10
Cd2265	226.502	STD	S0	.065331	-.000148	02/24/12 06:33:10
Ca3179	317.933	STD	S0	6.30668	-.031432	02/24/12 06:33:10
Cr2677	267.716	STD	S0	.823443	.000000	02/24/12 06:33:10
Co2286	228.616	STD	S0	1.35565	.000609	02/24/12 06:33:10
Cu3247	324.753	STD	S0	1.41432	-.005874	02/24/12 06:33:10
Fe2714	271.441	STD	S0	3.58802	-.016503	02/24/12 06:33:10
Li6707	670.784	STD	S0	.092707	-.007181	02/24/12 06:33:10
Pb2203	220.353		NONE	.000000	.000000	*02/24/12 06:33:10
Se1960	196.026		NONE	.000000	.000000	*02/24/12 06:33:10
Mg2790	279.078	STD	S0	14.8383	-.616879	02/24/12 06:33:10
Mn2576	257.610	STD	S0	.978317	-.000040	02/24/12 06:33:10
Mo2020	202.030	STD	S0	1.07867	.000353	02/24/12 06:33:10
Ni2316	231.604	STD	S0	.240327	.000579	02/24/12 06:33:10
K_7664	766.491	STD	S0	8.07468	-3.93088	02/24/12 06:33:10
Si2881	288.158	STD	S0	2.16715	-.073654	02/24/12 06:33:10
Ag3280	328.068	STD	S0	1.22521	.000415	02/24/12 06:33:10
Na3302	330.232	STD	S0	134.769	.199773	02/24/12 06:33:10
Na5889	588.995	STD	S0	1.15105	-.275332	02/24/12 06:33:10
Sr4215	421.552	STD	S0	.022054	.000190	02/24/12 06:33:10
Tl1908	190.864	STD	S0	5.47760	.008505	02/24/12 06:33:10
Sn1899	189.989	STD	S0	.626679	-.000253	02/24/12 06:33:10
Ti3349	334.941	STD	S0	.164494	.000300	02/24/12 06:33:10
V_2924	292.402	STD	S0	3.26694	.000134	02/24/12 06:33:10
Zn2138	213.856	STD	S0	.557951	-.000106	02/24/12 06:33:10
2203/1	220.351	STD	S0	.449727	-.003254	02/24/12 06:33:10
2203/2	220.352	STD	S0	.223957	.000131	02/24/12 06:33:10
1960/1	196.021	STD	S0	1.46974	.011793	02/24/12 06:33:10
1960/2	196.022	STD	S0	1.69597	-.003743	02/24/12 06:33:10

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	S0	.000000	.000000	-.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000

			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	-.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000
		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 02/24/12 06:36:34 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 02/24/12 06:41:06 AM page 1

Method: 20076010 Sample Name: S2-met0212cal_00001 Operator: SRP
Run Time: 02/24/12 06:37:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.470	1.9527	1.9585	1.9523	.99062	1.9599	.98418
SDev	.061	.0054	.0099	.0071	.00237	.0059	.00446
%RSD	.31460	.27413	.50796	.36293	.23950	.30290	.45327
#1	19.514	1.9565	1.9655	1.9573	.99230	1.9641	.98733
#2	19.427	1.9489	1.9514	1.9473	.98894	1.9557	.98102

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.665	1.9676	1.9653	1.9484	19.645	1.9473	1.9696
SDev	.057	.0058	.0066	.0068	.076	.0073	.0023
%RSD	.29032	.29266	.33704	.34673	.38779	.37702	.11553
#1	19.706	1.9717	1.9699	1.9532	19.699	1.9525	1.9712
#2	19.625	1.9636	1.9606	1.9436	19.591	1.9421	1.9680

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9718	19.693	1.9638	1.9645	1.9710	19.509	1.9508
SDev	.0014	.056	.0061	.0047	.0057	.070	.0053
%RSD	.06855	.28392	.31032	.24018	.28693	.35742	.27286
#1	1.9727	19.733	1.9681	1.9678	1.9750	19.558	1.9545
#2	1.9708	19.654	1.9595	1.9612	1.9670	19.459	1.9470

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97845	19.448	19.441	.97322	1.9603	1.9696	1.9585
SDev	.00297	.049	.064	.00354	.0048	.0062	.0066
%RSD	.30315	.25006	.33149	.36409	.24737	.31702	.33472
#1	.98055	19.482	19.486	.97573	1.9569	1.9740	1.9632
#2	.97635	19.414	19.395	.97072	1.9637	1.9652	1.9539

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9627	1.9649	1.9716	1.9686	1.9795	1.9679
SDev	.0054	.0066	.0014	.0027	.0013	.0027
%RSD	.27557	.33370	.07070	.13798	.06755	.13699
#1	1.9665	1.9696	1.9726	1.9705	1.9786	1.9698
#2	1.9589	1.9603	1.9706	1.9666	1.9805	1.9660

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36671	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0231389	--	--	--	--	--	--

Analysis Report 02/24/12 06:41:06 AM page 2

#1	36665	--	--	--	--	--	--
#2	36677	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 06:41:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4580	.49027	.49382	.48980	.50592	.49259	.49783
SDev	.0060	.00077	.00318	.00154	.00107	.00103	.00211
%RSD	.24427	.15740	.64478	.31426	.21169	.20932	.42299

#1	2.4622	.49082	.49607	.49089	.50668	.49331	.49932
#2	2.4537	.48972	.49157	.48871	.50516	.49186	.49634

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.508	.49639	.49859	.49863	2.5107	.45737	.49737
SDev	.030	.00129	.00165	.00126	.0153	.00149	.00154
%RSD	.23603	.26090	.33134	.25270	.60926	.32519	.31050
#1	12.529	.49731	.49976	.49952	2.5215	.45842	.49628
#2	12.488	.49548	.49742	.49774	2.4999	.45632	.49846

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50779	4.9852	.48967	.50302	.49974	11.869	1.0001
SDev	.00068	.0104	.00091	.00226	.00149	.057	.0044
%RSD	.13411	.20940	.18569	.44982	.29770	.47722	.44217
#1	.50730	4.9926	.49031	.50462	.50079	11.909	1.0032
#2	.50827	4.9778	.48902	.50142	.49869	11.829	.99694

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24633	12.352	11.758	.24450	.50302	.50980	.49942
SDev	.00048	.040	.059	.00073	.00288	.00124	.00151
%RSD	.19399	.32416	.50214	.29800	.57328	.24400	.30282
#1	.24666	12.324	11.800	.24501	.50506	.51068	.50049
#2	.24599	12.381	11.717	.24398	.50099	.50892	.49835

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50029	.50695	.49611	.49799	.50836	.50756
SDev	.00180	.00126	.00217	.00340	.00505	.00354
%RSD	.36038	.24782	.43673	.68270	.99234	.69817
#1	.50157	.50784	.49764	.49559	.51193	.50505
#2	.49902	.50606	.49458	.50040	.50480	.51006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 02/24/12 06:44:58 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36852	--	--	--	--	--	--
SDev	58.68986	--	--	--	--	--	--
%RSD	.1592604	--	--	--	--	--	--
#1	36893	--	--	--	--	--	--
#2	36810	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: SRP
Run Time: 02/24/12 06:45:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00652	.00173	.00011	.00056	.00037	.00285	.00041
SDev	.00307	.00011	.00179	.00016	.00002	.00185	.00005

%RSD	47.050	6.5584	1656.0	29.000	5.5160	64.957	12.845
#1	.00869	.00181	.00138	.00067	.00038	.00415	.00044
#2	.00435	.00165	-.00116	.00044	.00036	.00154	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01537	.00135	.00063	.00107	.01349	.00041	.00067
SDev	.00085	.00024	.00028	.00085	.01004	.00004	.00065
%RSD	5.5341	17.538	44.731	79.120	74.422	10.150	98.175
#1	.01598	.00151	.00083	.00167	.02059	.00044	.00113
#2	.01477	.00118	.00043	.00047	.00639	.00038	.00020

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	.00440	.00047	.00248	.00133	-.02153	.00286
SDev	.00214	.00185	.00002	.00057	.00032	.01967	.00129
%RSD	91.019	42.002	4.2512	23.186	24.287	91.370	45.100
#1	.00386	.00570	.00048	.00288	.00156	-.00762	.00377
#2	.00084	.00309	.00045	.00207	.00110	-.03543	.00195

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.10663	.00935	.00021	.00501	.00185	.00049
SDev	.00049	.04535	.00217	.00003	.00411	.00045	.00013
%RSD	69.982	42.532	23.180	16.507	82.009	24.577	26.721
#1	.00104	.13870	.01088	.00024	.00792	.00217	.00058
#2	.00035	.07456	.00782	.00019	.00211	.00153	.00040

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.00219	-.00058	.00129	.00102	.00301
SDev	.00013	.00012	.00265	.00231	.00132	.00254
%RSD	19.126	5.5376	454.91	178.80	129.26	84.516
#1	.00077	.00227	-.00246	.00292	.00196	.00481

#2	.00059	.00210	.00129	-.00034	.00009	.00121	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37593	--	--	--	--	--	--
SDev	111.7229	--	--	--	--	--	--
%RSD	.2971906	--	--	--	--	--	--
#1	37514	--	--	--	--	--	--
#2	37672	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 02/24/12 06:48:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01961	.00591	.00267	.00510	.00525	.00646	.00529

SDev	.00385	.00111	.00042	.00010	.00000	.00048	.00028
%RSD	19.627	18.796	15.801	1.9426	.04440	7.4233	5.1919
#1	.02233	.00512	.00237	.00517	.00525	.00680	.00548
#2	.01689	.00669	.00297	.00503	.00525	.00612	.00509

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13551	.00532	.00513	.00501	.02003	.00004	.00509
SDev	.00044	.00000	.00020	.00035	.00702	.00007	.00044
%RSD	.32385	.03512	3.9576	7.0316	35.072	196.26	8.7491
#1	.13582	.00532	.00527	.00526	.02500	.00009	.00540
#2	.13520	.00532	.00499	.00476	.01506	-.00001	.00478

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00590	.05253	.00500	.00591	.00540	.53843	.00107
SDev	.00256	.00282	.00003	.00013	.00044	.01731	.00036
%RSD	43.319	5.3760	.55025	2.2277	8.1792	3.2147	34.291
#1	.00409	.05453	.00502	.00582	.00571	.55067	.00081
#2	.00771	.05054	.00498	.00601	.00509	.52620	.00132

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00330	.52234	.55852	.00005	.00522	.00036	.00541
SDev	.00055	.07774	.00452	.00002	.00173	.00047	.00014
%RSD	16.537	14.884	.80870	38.642	33.182	129.27	2.5153
#1	.00368	.57731	.56171	.00007	.00644	.00003	.00551
#2	.00291	.46736	.55532	.00004	.00399	.00069	.00532

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00510	.00546	.00634	.00446	.00881	.00444

SDev	.00021	.00009	.00417	.00142	.00537	.00652
%RSD	4.1152	1.5705	65.805	31.795	60.928	146.67
#1	.00525	.00540	.00930	.00346	.01261	-.00016
#2	.00495	.00552	.00339	.00547	.00502	.00905

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37628	--	--	--	--	--	--
SDev	205.7681	--	--	--	--	--	--
%RSD	.5468556	--	--	--	--	--	--
#1	37482	--	--	--	--	--	--
#2	37773	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 02/24/12 06:52:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	492.75	.00305	-.00485	.00172	-.00001	-.00309	-.00254
SDev	.19	.00144	.00029	.00000	.00000	.00037	.00022
%RSD	.03906	47.159	6.0630	.05758	24.060	11.970	8.8623
#1	492.88	.00204	-.00465	.00172	-.00001	-.00283	-.00238
#2	492.61	.00407	-.00506	.00172	-.00001	-.00335	-.00270

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	457.84	.00160	-.00070	.01333	194.89	.00434	.00214
SDev	.51	.00009	.00009	.00036	.42	.00004	.00025
%RSD	.11104	5.4560	12.326	2.6889	.21378	.87228	11.529
#1	458.20	.00166	-.00076	.01308	195.18	.00437	.00197
#2	457.48	.00154	-.00064	.01358	194.59	.00432	.00232

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00199	518.71	-.00831	.00029	.00040	.15437	.01216
SDev	.00193	.14	.00002	.00267	.00043	.00308	.00118
%RSD	96.812	.02730	.26803	920.60	106.03	1.9934	9.6748
#1	-.00063	518.81	-.00833	.00218	.00010	.15655	.01133
#2	-.00336	518.61	-.00830	-.00160	.00071	.15220	.01299

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	-.10209	.19356	-.00909	-.01066	-.00193	-.00377
SDev	.00018	.00265	.00057	.00003	.00297	.00414	.00003
%RSD	49.163	2.5957	.29431	.35236	27.851	214.01	.79568
#1	-.00049	-.10021	.19316	-.00911	-.00856	.00099	-.00379
#2	-.00024	-.10396	.19397	-.00906	-.01276	-.00486	-.00375

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00295	-.00161	-.00660	.00651	.00449	-.00524
SDev	.00003	.00011	.00374	.00224	.00206	.00186
%RSD	.92400	7.1114	56.628	34.386	45.890	35.551
#1	.00297	-.00153	-.00396	.00493	.00595	-.00392
#2	.00293	-.00169	-.00924	.00810	.00304	-.00655

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33708	--	--	--	--	--	--
SDev	19.79899	--	--	--	--	--	--
%RSD	.0587368	--	--	--	--	--	--
#1	33694	--	--	--	--	--	--
#2	33722	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 02/24/12 06:56:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	498.90	1.0139	1.0093	1.0093	.49949	1.0235	.46772
SDev	.77	.0007	.0004	.0017	.00015	.0006	.00119
%RSD	.15371	.07113	.04188	.16898	.03101	.05962	.25447
#1	499.44	1.0144	1.0090	1.0105	.49960	1.0239	.46856
#2	498.35	1.0134	1.0096	1.0081	.49938	1.0231	.46688

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.98	.97416	.94239	1.0498	202.55	1.1214	.97594
SDev	.34	.00009	.00086	.0028	.30	.0027	.00026
%RSD	.07363	.00961	.09103	.26245	.14878	.24115	.02688
#1	462.22	.97423	.94299	1.0517	202.77	1.1233	.97576
#2	461.74	.97409	.94178	1.0478	202.34	1.1195	.97613

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0102	525.77	.96793	.99351	.92983	13.698	.99602
SDev	.0071	.49	.00079	.00061	.00029	.039	.00123
%RSD	.70591	.09310	.08143	.06102	.03087	.28392	.12355
#1	1.0051	526.11	.96848	.99308	.92962	13.726	.99689
#2	1.0152	525.42	.96737	.99394	.93003	13.671	.99515

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53076	11.394	12.752	.48467	.95542	.99515	.98934
SDev	.00105	.026	.045	.00119	.00074	.00395	.00090

%RSD	.19750	.22653	.35367	.24603	.07749	.39719	.09134
#1	.53150	11.376	12.784	.48552	.95490	.99795	.98998
#2	.53002	11.412	12.720	.48383	.95595	.99236	.98871

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98863	1.0048	.97320	.97732	1.0280	1.0012
SDev	.00114	.0023	.00078	.00000	.0079	.0068
%RSD	.11548	.22746	.08027	.00030	.76705	.67452
#1	.98943	1.0064	.97264	.97731	1.0224	.99646
#2	.98782	1.0032	.97375	.97732	1.0336	1.0060

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33830	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0292625	--	--	--	--	--	--
#1	33837	--	--	--	--	--	--
#2	33823	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 07:00:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5937	.49013	.49164	.48737	.50933	.49235	.49777
SDev	.1156	.00216	.00122	.00088	.00168	.00087	.00127
%RSD	4.4553	.44139	.24754	.18054	.33065	.17745	.25570
#1	2.5120	.48860	.49250	.48799	.51052	.49297	.49867
#2	2.6754	.49166	.49078	.48675	.50814	.49174	.49687

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.647	.49851	.50080	.50024	2.5557	.45449	.49839
SDev	.072	.00197	.00072	.00052	.0354	.00026	.00140
%RSD	.57296	.39435	.14339	.10476	1.3847	.05831	.28165
#1	12.596	.49990	.50131	.49987	2.5307	.45468	.49938
#2	12.699	.49712	.50030	.50061	2.5808	.45430	.49740

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50683	5.1616	.49101	.50243	.50107	11.738	.96613
SDev	.00014	.0925	.00147	.00167	.00238	.013	.00029
%RSD	.02751	1.7925	.29875	.33157	.47429	.11333	.03031
#1	.50673	5.0961	.49205	.50361	.50275	11.748	.96592
#2	.50693	5.2270	.48998	.50125	.49939	11.729	.96634

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24487	12.312	11.741	.24382	.49941	.51060	.50060
SDev	.00024	.160	.045	.00052	.00378	.00503	.00134
%RSD	.09636	1.3013	.38109	.21485	.75684	.98433	.26809
#1	.24504	12.199	11.709	.24419	.50208	.51415	.50155
#2	.24471	12.425	11.773	.24345	.49673	.50704	.49965

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50239	.50272	.49970	.49774	.51252	.50404
SDev	.00119	.00103	.00348	.00036	.00131	.00045
%RSD	.23626	.20405	.69645	.07343	.25549	.08842
#1	.50323	.50345	.50216	.49800	.51160	.50435
#2	.50155	.50199	.49723	.49748	.51345	.50372

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37629	--	--	--	--	--	--
SDev	241.8305	--	--	--	--	--	--
%RSD	.6426706	--	--	--	--	--	--
#1	37458	--	--	--	--	--	--
#2	37800	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 07:04:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01248	.00316	-.00100	.00029	.00022	.00214	.00013
SDev	.00802	.00157	.00012	.00002	.00005	.00040	.00006
%RSD	64.224	49.831	11.744	6.3472	21.639	18.738	45.214
#1	.00681	.00427	-.00091	.00028	.00019	.00242	.00017
#2	.01815	.00204	-.00108	.00030	.00025	.00185	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03880	.00033	.00013	.00039	.00042	-.00008	-.00008
SDev	.01070	.00023	.00032	.00027	.01992	.00003	.00025
%RSD	27.581	68.520	247.02	68.929	4774.1	32.819	313.98
#1	.03123	.00049	-.00010	.00058	-.01367	-.00006	.00010
#2	.04637	.00017	.00036	.00020	.01450	-.00010	-.00026

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00399	.01341	.00015	.00243	.00029	-.11010	.00121
SDev	.00142	.00754	.00005	.00076	.00019	.00980	.00195
%RSD	35.521	56.263	35.534	31.157	67.104	8.8973	160.50

#1	.00499	.00807	.00011	.00297	.00015	-.10317	.00259
#2	.00299	.01874	.00019	.00190	.00043	-.11702	-.00016

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.01272	-.00424	.00009	.00265	-.00038	.00027
SDev	.00045	.10707	.00029	.00002	.00021	.00018	.00006
%RSD	473.28	841.69	6.9288	18.486	7.8891	48.164	22.779
#1	-.00022	-.08843	-.00403	.00008	.00251	-.00051	.00031
#2	.00041	.06299	-.00444	.00011	.00280	-.00025	.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00024	.00027	-.00025	.00333	.00432
SDev	.00001	.00004	.00051	.00012	.00045	.00235
%RSD	2.2937	15.710	190.52	48.261	13.383	54.360
#1	.00033	.00022	.00063	-.00017	.00302	.00598
#2	.00032	.00027	-.00009	-.00034	.00365	.00266

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38385	--	--	--	--	--	--
SDev	56.56854	--	--	--	--	--	--
%RSD	.1473715	--	--	--	--	--	--
#1	38345	--	--	--	--	--	--
#2	38425	--	--	--	--	--	--

Method: 20076010 Sample Name: MB 600-73049/1-A Operator: SRP
Run Time: 02/24/12 07:08:12
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11782	.00085	-.00074	.03265	.00017	.00213	-.00001
SDev	.00558	.00304	.00043	.00029	.00001	.00001	.00012
%RSD	4.7390	359.42	58.191	.89279	7.9162	.36576	2253.1
#1	.11387	-.00130	-.00104	.03245	.00016	.00214	-.00009
#2	.12177	.00299	-.00043	.03286	.00018	.00212	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42179	.00402	.00003	.00204	.50101	-.00017	.00250
SDev	.01120	.00020	.00027	.00005	.02036	.00011	.00024
%RSD	2.6553	5.0436	855.06	2.3370	4.0632	64.111	9.5419
#1	.41387	.00387	-.00016	.00200	.48661	-.00025	.00233
#2	.42971	.00416	.00022	.00207	.51540	-.00010	.00267

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00289	.02771	.00549	.00116	.00227	-.12555	.21751
SDev	.00058	.01406	.00003	.00047	.00027	.03952	.00129
%RSD	20.232	50.747	.59422	40.174	11.940	31.482	.59206
#1	.00248	.01777	.00547	.00149	.00207	-.15349	.21660
#2	.00330	.03766	.00551	.00083	.00246	-.09760	.21842

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.02965	.02292	.00191	.00020	.00172	.00220
SDev	.00007	.15622	.00289	.00006	.00042	.00040	.00004
%RSD	159.01	526.90	12.591	3.0177	209.05	22.900	2.0260
#1	.00001	-.08082	.02088	.00187	-.00010	.00200	.00216
#2	-.00010	.14011	.02497	.00195	.00050	.00144	.00223

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.01424	.00159	.00296	.00091	.00388
SDev	.00000	.00013	.00207	.00068	.00069	.00122
%RSD	.53618	.91169	130.13	22.933	75.949	31.523
#1	.00040	.01415	.00013	.00344	.00140	.00301
#2	.00040	.01433	.00306	.00248	.00042	.00474

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38654	--	--	--	--	--	--
SDev	354.9676	--	--	--	--	--	--
%RSD	.9183205	--	--	--	--	--	--
#1	38905	--	--	--	--	--	--
#2	38403	--	--	--	--	--	--

Method: 20076010 Sample Name: LCS 600-73049/2-A Operator: SRP

Run Time: 02/24/12 07:12:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8104	.97235	.98213	.97397	.50943	.98490	.49274
SDev	.0511	.00319	.00884	.00438	.00220	.00319	.00294
%RSD	.52129	.32844	.90043	.45015	.43135	.32365	.59636
#1	9.8466	.97461	.98838	.97707	.51099	.98716	.49482
#2	9.7743	.97009	.97588	.97087	.50788	.98265	.49066

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9400	.99690	1.0027	.99786	9.9205	.45005	.98379
SDev	.0482	.00481	.0041	.00441	.0721	.00229	.00319
%RSD	.48487	.48267	.41335	.44224	.72675	.50943	.32470

#1	9.9741	1.0003	1.0056	1.0010	9.9715	.45167	.98605
#2	9.9059	.99350	.99973	.99474	9.8695	.44843	.98153

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99101	10.024	.99138	1.0134	1.0030	9.4036	.94372
SDev	.00055	.046	.00486	.0041	.0081	.0510	.00349
%RSD	.05579	.45522	.49037	.40312	.81010	.54242	.36975
#1	.99062	10.056	.99482	1.0163	1.0087	9.4396	.94619
#2	.99140	9.9917	.98794	1.0105	.99724	9.3675	.94125

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49548	9.3866	9.4901	.48705	.97689	.99522	.99325
SDev	.00216	.0781	.0488	.00260	.00313	.00683	.00454
%RSD	.43597	.83188	.51384	.53460	.32023	.68617	.45700
#1	.49701	9.4418	9.5246	.48889	.97468	1.0001	.99646
#2	.49395	9.3313	9.4557	.48521	.97910	.99040	.99004

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99946	.99785	.98792	.98172	.99509	.98898
SDev	.00433	.00394	.00547	.00206	.00015	.00090
%RSD	.43311	.39462	.55342	.20963	.01480	.09130
#1	1.0025	1.0006	.99179	.98318	.99519	.98834
#2	.99640	.99507	.98406	.98027	.99498	.98961

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38164	--	--	--	--	--	--
SDev	65.05383	--	--	--	--	--	--
%RSD	.1704586	--	--	--	--	--	--
#1	38118	--	--	--	--	--	--
#2	38210	--	--	--	--	--	--

Method: 20076010 Sample Name: LB 600-73003/1-C Operator: SRP
Run Time: 02/24/12 07:15:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00349	.00020	.00099	.00704	.00021	.01378	-.00003
SDev	.00096	.00324	.00109	.00007	.00006	.00122	.00003
%RSD	27.579	1627.0	109.78	.93365	29.240	8.8538	108.05
#1	-.00281	.00249	.00176	.00709	.00017	.01465	-.00005
#2	-.00417	-.00209	.00022	.00699	.00025	.01292	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09007	.00021	.00016	.00098	-.00338	.00009	.00020
SDev	.00209	.00032	.00038	.00003	.00722	.00002	.00099
%RSD	2.3224	156.05	234.53	2.6137	213.62	16.433	485.51
#1	.08859	.00043	-.00011	.00096	-.00849	.00008	.00090
#2	.09155	-.00002	.00043	.00099	.00173	.00010	-.00049

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00458	.00048	.00038	.00262	.00031	-.08743	.01442
SDev	.00161	.00208	.00005	.00150	.00029	.03865	.00214
%RSD	35.128	431.10	13.346	57.135	94.123	44.203	14.850
#1	.00571	.00195	.00035	.00368	.00051	-.06010	.01593
#2	.00344	-.00099	.00042	.00156	.00010	-.11476	.01290

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	170.54	133.81	.00034	.00226	.00144	.00027
SDev	.00025	.65	.88	.00002	.00188	.00061	.00000
%RSD	171.10	.38046	.65896	5.9884	83.470	42.735	1.2034
#1	-.00033	171.00	134.43	.00033	.00359	.00100	.00027
#2	.00003	170.08	133.19	.00036	.00092	.00187	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00840	.00043	.00009	.00781	.00296
SDev	.00038	.00053	.00243	.00026	.00365	.00059
%RSD	114.25	6.3457	567.29	291.56	46.735	19.799
#1	.00060	.00802	.00215	.00028	.01040	.00337
#2	.00006	.00878	-.00129	-.00010	.00523	.00254

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38096	--	--	--	--	--	--
SDev	298.3990	--	--	--	--	--	--
%RSD	.7832819	--	--	--	--	--	--

#1	37885	--	--	--	--	--	--
#2	38307	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50656-B-1-E Operator: SRP
Run Time: 02/24/12 07:19:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00652	.00160	.00002	.28095	.00014	.04666	-.00006
SDev	.00575	.00129	.00316	.00070	.00001	.00009	.00019

%RSD	88.136	81.062	15369.	.24914	4.1781	.18879	313.98
#1	-.01059	.00251	-.00221	.28145	.00013	.04672	-.00019
#2	-.00246	.00068	.00226	.28046	.00014	.04660	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.897	.00001	.00057	.00049	-.00234	.00034	.08522
SDev	.065	.00062	.00015	.00053	.01489	.00005	.00004
%RSD	.14543	5532.0	26.060	108.67	636.46	13.506	.05037
#1	44.943	-.00043	.00047	.00011	-.01286	.00031	.08518
#2	44.850	.00045	.00068	.00086	.00819	.00037	.08525

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00484	2.3672	.10409	.00673	.00134	.28736	.25953
SDev	.00036	.0048	.00008	.00042	.00075	.00818	.00179
%RSD	7.3871	.20419	.07661	6.3081	56.308	2.8455	.69164
#1	.00459	2.3707	.10414	.00643	.00080	.28158	.25826
#2	.00510	2.3638	.10403	.00703	.00187	.29314	.26080

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	107.04	89.665	.09565	.00012	.00161	-.00001
SDev	.00034	.92	.604	.00015	.00089	.00068	.00028
%RSD	73.072	.86028	.67316	.15528	775.76	42.297	2381.5
#1	-.00070	107.69	90.092	.09575	-.00052	.00113	-.00021
#2	-.00022	106.39	89.238	.09554	.00075	.00209	.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.01440	.08557	.08504	.00529	.00462
SDev	.00060	.00017	.00050	.00031	.00248	.00070
%RSD	2072.2	1.1888	.58427	.36966	46.867	15.177
#1	-.00040	.01428	.08592	.08482	.00353	.00512
#2	.00046	.01453	.08522	.08526	.00704	.00413

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38466	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--

%RSD	.1305151	--	--	--	--	--	--
#1	38502	--	--	--	--	--	--
#2	38431	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50759-A-1-C Operator: SRP
Run Time: 02/24/12 07:23:36
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00898	.00173	-.00011	.08556	.00014	.01206	.00000
SDev	.00170	.00071	.00053	.00035	.00000	.00011	.00013
%RSD	18.899	41.214	495.20	.41319	2.8491	.87112	49860.
#1	-.00778	.00123	-.00048	.08581	.00014	.01214	.00009
#2	-.01018	.00224	.00027	.08531	.00014	.01199	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.418	.00014	.00095	.00097	-.00005	.00089	.00008
SDev	.271	.00002	.00008	.00009	.00328	.00006	.00020
%RSD	.37370	11.004	8.1320	9.2370	6235.2	6.2826	240.63
#1	72.610	.00015	.00101	.00104	.00226	.00085	.00022
#2	72.227	.00013	.00090	.00091	-.00237	.00093	-.00006

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	1.6122	.15087	.04362	.00183	.45206	.25066
SDev	.00294	.0069	.00063	.00077	.00006	.00651	.00138
%RSD	257.49	.43054	.41748	1.7750	3.3362	1.4411	.55142
#1	-.00094	1.6171	.15132	.04417	.00187	.45666	.25163
#2	.00322	1.6073	.15043	.04307	.00178	.44745	.24968

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	164.04	130.93	.11341	-.00113	.00055	-.00039
SDev	.00035	.82	.51	.00047	.00105	.00102	.00002
%RSD	273.61	.49909	.38833	.41253	92.955	184.59	5.7681
#1	.00012	164.62	131.29	.11374	-.00188	.00128	-.00041
#2	-.00037	163.46	130.57	.11308	-.00039	-.00017	-.00038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	.01842	-.00095	.00060	.00331	.00006
SDev	.00012	.00009	.00058	.00058	.00394	.00244
%RSD	8.0742	.50058	61.104	98.033	119.20	4131.0
#1	.00135	.01835	-.00135	.00101	.00052	-.00167
#2	.00151	.01848	-.00054	.00018	.00609	.00178

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	37284	--	--	--	--	--
SDev	50.20458	--	--	--	--	--
%RSD	.1346527	--	--	--	--	--
#1	37249	--	--	--	--	--
#2	37320	--	--	--	--	--

Method: 20076010 Sample Name: 600-50866-D-1-B Operator: SRP
Run Time: 02/24/12 07:27:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00953	.00045	-.00114	.01362	.00016	.02340	-.00002
SDev	.00041	.00035	.00084	.00006	.00001	.00035	.00001
%RSD	4.3381	77.887	73.943	.41217	5.7570	1.4768	53.549
#1	-.00982	.00020	-.00174	.01366	.00016	.02364	-.00003
#2	-.00924	.00070	-.00054	.01358	.00015	.02315	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.5011	.00027	-.00012	.00074	.01454	.00032	.00336
SDev	.0136	.00008	.00002	.00012	.00632	.00003	.00027
%RSD	.20871	28.860	17.075	15.784	43.469	8.5243	7.9382
#1	6.5107	.00033	-.00011	.00066	.01901	.00034	.00355
#2	6.4915	.00022	-.00014	.00082	.01007	.00030	.00317

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.10448	.00825	.01245	.00074	.26015	.03278
SDev	.00052	.00690	.00003	.00011	.00057	.03799	.00019
%RSD	48.513	6.6069	.39416	.91741	77.492	14.603	.58641
#1	.00144	.10936	.00827	.01253	.00114	.28702	.03265
#2	.00070	.09959	.00822	.01237	.00033	.23329	.03292

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	167.70	132.19	.00430	-.00085	.00128	.00011
SDev	.00048	.08	.03	.00001	.00177	.00174	.00002
%RSD	2629.6	.04605	.02543	.33394	209.22	136.77	16.224
#1	.00032	167.65	132.21	.00431	.00041	.00251	.00012
#2	-.00035	167.76	132.16	.00429	-.00210	.00004	.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.28857	.00195	.00407	.00273	.00025
SDev	.00000	.00089	.00079	.00079	.00019	.00088
%RSD	.50505	.30769	40.463	19.517	7.0392	357.29
#1	.00043	.28920	.00139	.00463	.00259	.00087
#2	.00042	.28794	.00250	.00350	.00286	-.00037

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38066	--	--	--	--	--	--

SDev	233.3452	--	--	--	--	--	--
%RSD	.6130017	--	--	--	--	--	--
#1	37901	--	--	--	--	--	--
#2	38231	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50866-D-1-C MS Operator: SRP
Run Time: 02/24/12 07:31:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.036	.98756	1.0043	.98521	.51765	1.0233	.49165
SDev	.310	.03149	.0303	.03042	.01553	.0296	.01488
%RSD	3.0902	3.1888	3.0148	3.0879	3.0005	2.8968	3.0268
#1	10.255	1.0098	1.0257	1.0067	.52863	1.0443	.50217
#2	9.8165	.96529	.98285	.96370	.50667	1.0024	.48112

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.446	1.0027	1.0131	1.0153	9.9143	.49586	.99890
SDev	.496	.0314	.0317	.0314	.3224	.01490	.02655
%RSD	3.0183	3.1334	3.1303	3.0921	3.2516	3.0059	2.6584
#1	16.797	1.0249	1.0355	1.0375	10.142	.50640	1.0177
#2	16.095	.98051	.99064	.99307	9.6863	.48532	.98013

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0211	10.124	.99985	1.0384	.99972	11.896	.99189
SDev	.0212	.312	.03010	.0329	.03056	.428	.03016
%RSD	2.0718	3.0811	3.0110	3.1728	3.0566	3.5957	3.0407
#1	1.0361	10.344	1.0211	1.0617	1.0213	12.198	1.0132
#2	1.0061	9.9032	.97856	1.0151	.97811	11.593	.97056

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49677	180.40	141.66	.48903	.99546	1.0100	1.0016
SDev	.01402	5.07	4.05	.01530	.02479	.0301	.0309
%RSD	2.8232	2.8082	2.8585	3.1293	2.4907	2.9756	3.0900
#1	.50669	183.98	144.52	.49986	1.0130	1.0313	1.0234
#2	.48686	176.81	138.79	.47821	.97792	.98879	.97967

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0096	1.2875	1.0090	.99387	1.0320	1.0156
SDev	.0311	.0384	.0267	.02648	.0225	.0205
%RSD	3.0812	2.9793	2.6466	2.6644	2.1798	2.0169
#1	1.0316	1.3146	1.0278	1.0126	1.0479	1.0301
#2	.98756	1.2604	.99008	.97515	1.0161	1.0012

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38534	--	--	--	--	--	--
SDev	835.8002	--	--	--	--	--	--
%RSD	2.168994	--	--	--	--	--	--
#1	37943	--	--	--	--	--	--
#2	39125	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50820-A-3-B Operator: SRP
Run Time: 02/24/12 07:35:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.00080	.00080	.02671	.00025	.01281	-.00000
SDev	.00141	.00052	.00254	.00006	.00005	.00044	.00031
%RSD	139.90	65.549	317.51	.23145	20.427	3.4701	161830.
#1	.00001	.00117	.00260	.02676	.00021	.01313	-.00022
#2	.00200	.00043	-.00100	.02667	.00029	.01250	.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3562	.00050	.00012	.00124	.11745	.00046	.00086
SDev	.0275	.00028	.00018	.00045	.00712	.00001	.00012
%RSD	.51338	55.000	144.70	36.188	6.0617	1.1233	13.902
#1	5.3756	.00031	-.00000	.00156	.11241	.00046	.00078
#2	5.3367	.00070	.00025	.00093	.12248	.00046	.00095

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00452	.26733	.03756	.00277	.00051	-.00998	.05363
SDev	.00138	.00591	.00024	.00213	.00076	.01542	.00057
%RSD	30.589	2.2100	.62938	76.865	148.90	154.50	1.0615
#1	.00354	.27151	.03773	.00428	-.00003	.00092	.05403
#2	.00549	.26315	.03740	.00126	.00104	-.02088	.05322

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	168.68	133.02	.00656	.00239	.00028	.00044
SDev	.00062	1.62	1.06	.00002	.00059	.00085	.00002
%RSD	512.16	.95923	.79616	.28897	24.741	303.15	5.4834
#1	-.00056	169.82	133.77	.00654	.00281	.00088	.00042
#2	.00032	167.53	132.27	.00657	.00197	-.00032	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.03125	.00079	.00090	.00554	.00400
SDev	.00004	.00032	.00259	.00112	.00198	.00108
%RSD	6.1165	1.0137	328.44	123.65	35.694	27.057

#1	.00061	.03102	-.00104	.00169	.00414	.00324
#2	.00066	.03147	.00262	.00011	.00694	.00477

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37784	--	--	--	--	--	--
SDev	145.6640	--	--	--	--	--	--
%RSD	.3855177	--	--	--	--	--	--
#1	37681	--	--	--	--	--	--
#2	37887	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-56-B Operator: SRP
Run Time: 02/24/12 07:39:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00774	-.00031	.00018	.05250	.00018	.01052	-.00011
SDev	.00032	.00235	.00029	.00079	.00002	.00039	.00010
%RSD	4.1399	748.36	163.86	1.4995	13.711	3.6865	89.769
#1	-.00752	.00135	-.00003	.05306	.00016	.01080	-.00004
#2	-.00797	-.00198	.00038	.05195	.00019	.01025	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.807	.00065	-.00020	.00160	-.01516	.00392	-.00063
SDev	1.231	.00007	.00022	.00045	.00494	.00009	.00013
%RSD	1.6682	10.999	107.73	27.939	32.600	2.3698	21.182
#1	74.677	.00070	-.00036	.00192	-.01166	.00399	-.00072
#2	72.936	.00060	-.00005	.00128	-.01865	.00386	-.00053

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	.41048	.00038	.00136	.00031	.62490	2.3717
SDev	.00082	.01374	.00003	.00134	.00021	.06195	.0425
%RSD	80.534	3.3477	8.6172	98.583	68.822	9.9140	1.7918
#1	.00044	.42020	.00035	.00230	.00016	.66871	2.4017
#2	.00160	.40076	.00040	.00041	.00046	.58110	2.3416

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	170.55	135.94	.23034	-.00050	.00049	-.00042
SDev	.00004	3.00	2.36	.00389	.00043	.00065	.00003
%RSD	13.432	1.7614	1.7388	1.6886	85.777	131.72	6.8931
#1	-.00026	172.67	137.62	.23309	-.00080	.00095	-.00040
#2	-.00031	168.42	134.27	.22759	-.00020	.00003	-.00044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	□

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00960	.00527	-.00188	-.00000	.00207	.00049
SDev	.00019	.00016	.00018	.00011	.00283	.00018

%RSD	2.0224	3.0128	9.7055	27732.	136.70	37.510	
#1	.00974	.00516	-.00200	-.00008	.00007	.00062	
#2	.00946	.00538	-.00175	.00008	.00407	.00036	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36812	--	--	--	--	--	--
SDev	461.7407	--	--	--	--	--	--
%RSD	1.254338	--	--	--	--	--	--
#1	36485	--	--	--	--	--	--
#2	37138	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-56-C MS Operator: SRP
Run Time: 02/24/12 07:42:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8417	.96682	.98620	.99169	.51061	.99387	.47435
SDev	.1442	.01186	.01248	.01081	.00539	.01228	.00428
%RSD	1.4650	1.2268	1.2653	1.0895	1.0563	1.2359	.90156
#1	9.7397	.95843	.97738	.98405	.50680	.98518	.47132
#2	9.9436	.97521	.99502	.99933	.51443	1.0026	.47737

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.063	.98410	.98821	.99698	9.7817	.49169	.97406
SDev	.816	.01088	.00952	.01332	.0964	.00597	.00864
%RSD	1.0317	1.1059	.96357	1.3365	.98515	1.2148	.88703
#1	78.486	.97640	.98148	.98755	9.7135	.48747	.96795
#2	79.639	.99179	.99495	1.0064	9.8498	.49592	.98017

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0134	10.174	.97388	1.0126	.96755	12.114	3.3223
SDev	.0155	.118	.01017	.0119	.00590	.152	.0421
%RSD	1.5326	1.1563	1.0447	1.1707	.61009	1.2511	1.2666
#1	1.0024	10.091	.96668	1.0042	.96337	12.007	3.2925
#2	1.0244	10.258	.98107	1.0210	.97172	12.221	3.3520

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49454	174.34	139.33	.69200	.96029	.99105	.98495
SDev	.00577	2.69	1.72	.00716	.01056	.01214	.01079
%RSD	1.1678	1.5429	1.2343	1.0345	1.1000	1.2254	1.0951

#1	.49045	172.44	138.11	.68694	.95282	.98246	.97732
#2	.49862	176.25	140.55	.69706	.96776	.99964	.99257

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0025	.98998	.98164	.97027	1.0242	1.0080

SDev	.0104	.01087	.00812	.00890	.0095	.0185
%RSD	1.0349	1.0981	.82693	.91744	.92825	1.8396
#1	.99516	.98229	.97590	.96398	1.0175	.99486
#2	1.0098	.99767	.98738	.97657	1.0309	1.0211

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37870	--	--	--	--	--	--
SDev	314.6625	--	--	--	--	--	--
%RSD	.8308908	--	--	--	--	--	--
#1	38093	--	--	--	--	--	--
#2	37648	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 07:46:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4889	.48173	.49271	.47958	.51682	.48973	.49129
SDev	.0034	.00099	.00060	.00042	.00012	.00043	.00101
%RSD	.13817	.20541	.12193	.08777	.02276	.08863	.20531
#1	2.4913	.48243	.49313	.47987	.51674	.48942	.49057
#2	2.4865	.48103	.49228	.47928	.51691	.49004	.49200

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.613	.50160	.50408	.50325	2.5061	.45069	.49591
SDev	.012	.00041	.00008	.00065	.0124	.00051	.00001
%RSD	.09647	.08142	.01600	.13010	.49529	.11370	.00272
#1	12.604	.50132	.50414	.50371	2.4974	.45105	.49590
#2	12.621	.50189	.50403	.50279	2.5149	.45033	.49592

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50715	5.0776	.49231	.49900	.49491	11.621	.96720
SDev	.00064	.0087	.00025	.00096	.00129	.008	.00036
%RSD	.12556	.17134	.05142	.19146	.26131	.06460	.03672
#1	.50760	5.0714	.49213	.49833	.49583	11.626	.96695
#2	.50670	5.0837	.49249	.49968	.49400	11.615	.96745

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.24362	12.256	11.721	.23997	.48540	.51236	.50139
SDev	.00010	.102	.010	.00007	.00391	.00065	.00021
%RSD	.04219	.83214	.08562	.02892	.80498	.12660	.04178
#1	.24354	12.184	11.728	.24002	.48263	.51190	.50153
#2	.24369	12.328	11.713	.23992	.48816	.51281	.50124

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.50405	.49857	.50042	.49366	.51170	.50494
SDev	.00036	.00045	.00108	.00052	.00339	.00074
%RSD	.07190	.09063	.21485	.10480	.66318	.14686
#1	.50430	.49889	.49966	.49402	.51410	.50441
#2	.50379	.49825	.50118	.49329	.50930	.50546

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38420	--	--	--	--	--	--
SDev	119.5011	--	--	--	--	--	--
%RSD	.3110346	--	--	--	--	--	--
#1	38505	--	--	--	--	--	--
#2	38336	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 07:50:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00320	.00014	-.00115	.00026	.00039	.00231	.00011
SDev	.00007	.00258	.00154	.00000	.00007	.00029	.00005
%RSD	2.2184	1782.3	133.20	.82140	16.853	12.371	46.973
#1	-.00325	.00197	-.00007	.00026	.00035	.00251	.00014
#2	-.00315	-.00168	-.00224	.00026	.00044	.00211	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03701	.00017	-.00037	.00064	-.01888	.00009	.00049
SDev	.00225	.00006	.00034	.00066	.02067	.00006	.00009
%RSD	6.0815	35.105	92.830	103.19	109.51	73.123	18.004
#1	.03542	.00013	-.00013	.00111	-.00426	.00013	.00043
#2	.03861	.00021	-.00061	.00017	-.03350	.00004	.00055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	-.00333	.00016	.00166	.00001	-.14481	.00209
SDev	.00179	.00420	.00000	.00091	.00002	.01980	.00097
%RSD	49.143	126.16	.25320	54.650	226.21	13.674	46.710
#1	.00237	-.00036	.00016	.00231	-.00001	-.13081	.00277

#2	.00490	-.00630	.00016	.00102	.00002	-.15881	.00140

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	-.15667	.00781	.00012	.00398	.00011	.00023
SDev	.00069	.08522	.00050	.00002	.00239	.00010	.00014
%RSD	142.35	54.397	6.3764	20.506	59.910	92.223	60.122
#1	.00000	-.09641	.00817	.00010	.00567	.00004	.00033
#2	-.00097	-.21693	.00746	.00013	.00230	.00018	.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00019	.00029	.00116	.00015	.00585	.00253	
SDev	.00007	.00007	.00109	.00041	.00138	.00199	
%RSD	35.590	24.896	94.140	269.32	23.614	78.666	
#1	.00024	.00024	.00039	.00045	.00488	.00112	
#2	.00014	.00034	.00193	-.00014	.00683	.00394	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38744	--	--	--	--	--	--
SDev	94.04520	--	--	--	--	--	--
%RSD	.2427380	--	--	--	--	--	--
#1	38677	--	--	--	--	--	--
#2	38810	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-56-D MSD Operator: SRP
Run Time: 02/24/12 07:54:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.613	1.0432	1.0668	1.0641	.55327	1.0662	.50963
SDev	.962	.0917	.0908	.0949	.05061	.0952	.04516
%RSD	9.0677	8.7876	8.5129	8.9216	9.1468	8.9302	8.8610
#1	9.9325	.97837	1.0026	.99698	.51748	.99886	.47769
#2	11.293	1.1080	1.1310	1.1312	.58905	1.1335	.54156

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.221	1.0629	1.0665	1.0760	10.468	.52838	1.0380
SDev	7.690	.0977	.0958	.0984	.955	.04688	.0823
%RSD	9.0242	9.1876	8.9868	9.1479	9.1218	8.8728	7.9272
#1	79.783	.99380	.99870	1.0064	9.7930	.49523	.97979
#2	90.659	1.1319	1.1342	1.1456	11.143	.56153	1.0962

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0780	11.030	1.0496	1.0881	1.0406	13.174	3.5761

SDev	.0878	1.057	.0953	.0995	.0929	1.397	.3207
%RSD	8.1408	9.5863	9.0820	9.1424	8.9270	10.605	8.9677
#1	1.0160	10.282	.98215	1.0177	.97490	12.186	3.3494
#2	1.1401	11.777	1.1170	1.1584	1.1063	14.162	3.8029

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53163	187.05	149.36	.74215	1.0254	1.0742	1.0616
SDev	.04642	16.31	12.59	.06626	.1014	.1011	.0965
%RSD	8.7308	8.7207	8.4322	8.9280	9.8875	9.4160	9.0902
#1	.49881	175.52	140.45	.69530	.95373	1.0027	.99338
#2	.56445	198.59	158.26	.78901	1.0971	1.1457	1.1299

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0817	1.0635	1.0504	1.0317	1.0912	1.0715
SDev	.0980	.0957	.0875	.0797	.0884	.0874
%RSD	9.0596	9.0010	8.3280	7.7231	8.1019	8.1607
#1	1.0124	.99579	.98859	.97539	1.0287	1.0096
#2	1.1510	1.1312	1.1123	1.0881	1.1537	1.1333

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35877	--	--	--	--	--	--
SDev	2957.121	--	--	--	--	--	--
%RSD	8.242385	--	--	--	--	--	--
#1	37968	--	--	--	--	--	--
#2	33786	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-57-B Operator: SRP
Run Time: 02/24/12 07:58:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01573	-.00005	.00071	.05306	.00027	.02804	.00001
SDev	.00308	.00302	.00112	.00002	.00003	.00069	.00013
%RSD	19.595	6567.1	158.90	.03802	11.736	2.4558	1854.0
#1	-.01355	.00209	-.00009	.05305	.00025	.02852	-.00009
#2	-.01791	-.00218	.00150	.05308	.00030	.02755	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.540	.00507	.00011	.00142	-.00391	.00477	-.00048
SDev	.179	.00027	.00021	.00003	.01079	.00011	.00064
%RSD	.26121	5.2745	191.83	1.7695	276.16	2.1996	132.77
#1	68.667	.00526	-.00004	.00140	.00372	.00484	-.00094

#2	68.414	.00488	.00025	.00144	-.01154	.00469	-.00003

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	2.3658	.01092	.00391	.00098	.85693	2.4302
SDev	.00119	.0116	.00003	.00095	.00011	.04428	.0060
%RSD	24.770	.49130	.23545	24.316	10.700	5.1675	.24767
#1	.00567	2.3740	.01094	.00459	.00090	.88824	2.4259
#2	.00398	2.3576	.01090	.00324	.00105	.82561	2.4344

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	160.60	128.86	.18734	.00403	.00188	-.00029
SDev	.00038	1.15	.53	.00000	.00344	.00150	.00010
%RSD	86.832	.71721	.41515	.00226	85.373	79.941	33.718
#1	-.00017	159.79	128.48	.18733	.00646	.00294	-.00022

#2	-.00071	161.42	129.24	.18734	.00160	.00082	-.00036

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00554	-.00064	-.00040	.00567	.00440
SDev	.00050	.00008	.00168	.00012	.00042	.00158
%RSD	52.929	1.5185	261.23	30.559	7.4230	35.967
#1	.00130	.00548	-.00183	-.00049	.00597	.00551
#2	.00059	.00560	.00054	-.00032	.00538	.00328

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37912	--	--	--	--	--	--
SDev	277.8930	--	--	--	--	--	--
%RSD	.7330044	--	--	--	--	--	--
#1	37715	--	--	--	--	--	--
#2	38108	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-58-B Operator: SRP
Run Time: 02/24/12 08:02:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01124	.00109	.00030	.04522	.00021	.02702	.00004
SDev	.00902	.00154	.00005	.00184	.00000	.00175	.00010
%RSD	80.183	141.08	17.808	4.0704	.55987	6.4756	217.23
#1	.00487	.00000	.00034	.04392	.00021	.02578	-.00002
#2	.01762	.00218	.00026	.04652	.00021	.02826	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	77.623	.01148	-.00006	.00267	-.00389	.00362	-.00004
SDev	3.032	.00090	.00003	.00095	.00270	.00040	.00025
%RSD	3.9063	7.8488	52.085	35.432	69.400	10.940	625.86
#1	75.479	.01084	-.00008	.00200	-.00198	.00334	-.00022
#2	79.767	.01211	-.00004	.00334	-.00580	.00390	.00014

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.02505	.00020	.00355	.00029	1.5273	1.7933
SDev	.00024	.02366	.00008	.00005	.00001	.1897	.0739
%RSD	170.56	94.449	41.385	1.3177	4.9066	12.419	4.1208
#1	-.00031	.00832	.00014	.00352	.00030	1.3932	1.7411
#2	.00003	.04178	.00026	.00358	.00028	1.6615	1.8456

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	173.97	138.71	.20538	.00396	.00122	-.00037
SDev	.00003	6.80	5.11	.00809	.00122	.00273	.00003
%RSD	9.3628	3.9075	3.6810	3.9385	30.756	223.43	7.4527

#1	.00032	169.16	135.10	.19966	.00310	.00315	-.00039
#2	.00028	178.78	142.32	.21110	.00483	-.00071	-.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00812	.00531	-.00034	.00011	-.00180	.00069
SDev	.00065	.00053	.00044	.00016	.00132	.00031
%RSD	8.0145	9.9705	129.23	142.01	73.261	44.221
#1	.00766	.00493	-.00066	-.00000	-.00274	.00091
#2	.00858	.00568	-.00003	.00022	-.00087	.00048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36638	--	--	--	--	--	--
SDev	1252.286	--	--	--	--	--	--
%RSD	3.418045	--	--	--	--	--	--
#1	37523	--	--	--	--	--	--
#2	35752	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-58-C MS Operator: SRP
Run Time: 02/24/12 08:05:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.285	1.0034	1.0246	1.0115	.53257	1.0440	.48885
SDev	.138	.0078	.0114	.0114	.00463	.0100	.00517
%RSD	1.3381	.77557	1.1149	1.1235	.86863	.96254	1.0580

#1	10.382	1.0089	1.0327	1.0195	.53584	1.0511	.49250
#2	10.188	.99790	1.0165	1.0034	.52929	1.0369	.48519

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.439	1.0329	1.0268	1.0390	10.042	.50867	1.0057
SDev	.775	.0096	.0099	.0127	.098	.00637	.0088
%RSD	.91774	.92758	.96527	1.2212	.97734	1.2532	.87145
#1	84.987	1.0397	1.0338	1.0480	10.112	.51318	1.0119
#2	83.891	1.0261	1.0197	1.0300	9.9730	.50416	.99950

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0436	10.220	1.0092	1.0475	.99621	13.364	2.8135
SDev	.0020	.092	.0095	.0047	.00923	.170	.0331
%RSD	.19302	.89912	.94056	.44458	.92624	1.2715	1.1780
#1	1.0450	10.285	1.0160	1.0507	1.0027	13.484	2.8369
#2	1.0422	10.155	1.0025	1.0442	.98969	13.244	2.7901

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51152	181.79	144.50	.68507	.99164	1.0325	1.0207

SDev	.00566	2.76	1.67	.00721	.00498	.0074	.0099
%RSD	1.1070	1.5178	1.1546	1.0530	.50180	.72054	.96871
#1	.51552	183.74	145.68	.69017	.99516	1.0378	1.0277
#2	.50751	179.84	143.32	.67997	.98812	1.0273	1.0137

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0385	1.0225	1.0156	1.0008	1.0583	1.0362
SDev	.0093	.0109	.0103	.0080	.0055	.0003
%RSD	.89088	1.0655	1.0114	.80041	.51659	.02778
#1	1.0450	1.0302	1.0228	1.0064	1.0622	1.0364
#2	1.0319	1.0148	1.0083	.99510	1.0545	1.0360

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37541	--	--	--	--	--	--
SDev	115.9655	--	--	--	--	--	--
%RSD	.3089036	--	--	--	--	--	--
#1	37459	--	--	--	--	--	--
#2	37623	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-58-D MSD Operator: SRP
Run Time: 02/24/12 08:09:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.080	.99199	1.0108	.99477	.52894	1.0298	.48367
SDev	.038	.00463	.0050	.00558	.00276	.0031	.00243
%RSD	.37534	.46644	.49770	.56127	.52111	.30271	.50159
#1	10.107	.99526	1.0144	.99872	.53089	1.0320	.48538
#2	10.053	.98872	1.0073	.99082	.52699	1.0276	.48195

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.790	1.0240	1.0165	1.0220	9.9772	.50018	.99724
SDev	.463	.0046	.0063	.0051	.0865	.00200	.00725
%RSD	.55278	.45139	.61994	.49861	.86669	.40089	.72736
#1	84.117	1.0272	1.0210	1.0256	10.038	.50159	1.0024
#2	83.462	1.0207	1.0121	1.0184	9.9161	.49876	.99211

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0341	10.125	.99971	1.0387	.98362	13.172	2.7708
SDev	.0002	.056	.00540	.0057	.00517	.061	.0134
%RSD	.02218	.55371	.54031	.54747	.52519	.46061	.48381
#1	1.0339	10.164	1.0035	1.0428	.98727	13.215	2.7803
#2	1.0342	10.085	.99589	1.0347	.97996	13.129	2.7614

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50475	178.24	142.59	.67487	.97513	1.0248	1.0100
SDev	.00296	.80	.53	.00364	.00407	.0085	.0058
%RSD	.58537	.45153	.37222	.53951	.41783	.83003	.57340
#1	.50684	178.81	142.97	.67745	.97225	1.0308	1.0141
#2	.50266	177.67	142.22	.67230	.97801	1.0188	1.0059

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0286	1.0103	1.0078	.99197	1.0491	1.0266
SDev	.0052	.0053	.0039	.00894	.0012	.0010
%RSD	.50438	.52492	.38527	.90113	.11603	.09281
#1	1.0323	1.0140	1.0105	.99829	1.0499	1.0259
#2	1.0250	1.0065	1.0050	.98565	1.0482	1.0273

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37590	--	--	--	--	--	--
SDev	146.3711	--	--	--	--	--	--
%RSD	.3893832	--	--	--	--	--	--
#1	37487	--	--	--	--	--	--
#2	37694	--	--	--	--	--	--

02/24/12 08:17:29 AM page 28

Method: 20076010 Sample Name: 600-50591-B-59-B Operator: SRP
Run Time: 02/24/12 08:13:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01319	.00138	.00013	.03960	.00026	.02846	-.00001
SDev	.00332	.00056	.00074	.00113	.00002	.00034	.00010
%RSD	25.170	40.327	564.34	2.8599	5.6627	1.1914	1298.8
#1	-.01553	.00099	.00065	.03880	.00025	.02870	.00007
#2	-.01084	.00178	-.00039	.04040	.00027	.02822	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.559	.00722	.00011	.00218	-.00786	.00500	.00050
SDev	2.011	.00042	.00007	.00051	.00250	.00032	.00016
%RSD	2.7712	5.8551	63.020	23.255	31.834	6.4721	31.911
#1	71.137	.00692	.00006	.00182	-.00963	.00477	.00062
#2	73.981	.00752	.00016	.00254	-.00609	.00523	.00039

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00661	.60810	.00044	.00538	.00034	1.0093	1.8269
SDev	.00099	.02862	.00006	.00157	.00035	.0927	.0525
%RSD	15.000	4.7072	14.770	29.231	104.88	9.1850	2.8758
#1	.00591	.58786	.00040	.00649	.00009	.94374	1.7898
#2	.00731	.62834	.00049	.00426	.00059	1.0748	1.8641

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	168.79	135.42	.18693	.00586	.00192	-.00027
SDev	.00015	4.52	3.37	.00538	.00227	.00003	.00000
%RSD	56.465	2.6794	2.4892	2.8768	38.736	1.6398	.48010
#1	-.00038	165.59	133.03	.18313	.00747	.00194	-.00027
#2	-.00016	171.99	137.80	.19073	.00426	.00190	-.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00674	.00420	-.00027	.00089	.00899	.00542
SDev	.00017	.00027	.00031	.00009	.00576	.00437
%RSD	2.5523	6.5173	116.85	9.6859	64.057	80.552
#1	.00662	.00401	-.00005	.00095	.01306	.00233
#2	.00687	.00440	-.00048	.00083	.00492	.00851

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36620	--	--	--	--	--	--
SDev	692.9647	--	--	--	--	--	--
%RSD	1.892312	--	--	--	--	--	--

#1	37110	--	--	--	--	--	--
#2	36130	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-60-B Operator: SRP
Run Time: 02/24/12 08:17:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00700	.00090	-.00038	.04746	.00022	.02789	-.00003
SDev	.01368	.00038	.00122	.00443	.00006	.00238	.00009
%RSD	195.30	42.243	323.56	9.3245	25.807	8.5246	330.46
#1	-.01667	.00063	-.00124	.04433	.00026	.02621	-.00009
#2	.00267	.00116	.00048	.05059	.00018	.02957	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.783	.01058	-.00021	.00195	.00257	.00447	-.00027
SDev	7.331	.00141	.00009	.00061	.01542	.00103	.00010
%RSD	9.5471	13.330	41.978	31.067	600.18	23.168	36.958
#1	71.599	.00958	-.00028	.00152	-.00833	.00374	-.00020
#2	81.966	.01158	-.00015	.00238	.01347	.00520	-.00034

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00495	.07591	.00016	.00364	.00001	1.3204	2.3832
SDev	.00285	.06261	.00003	.00065	.00050	.4515	.2332
%RSD	57.536	82.477	21.580	17.894	4662.9	34.190	9.7873
#1	.00293	.03164	.00014	.00411	-.00034	1.0012	2.2182

#2	.00696	.12018	.00019	.00318	.00037	1.6397	2.5481

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	176.11	140.64	.16880	-.00133	.00089	-.00039
SDev	.00047	15.79	12.18	.01582	.00094	.00003	.00012
%RSD	1868.4	8.9678	8.6610	9.3718	70.623	2.9200	31.102
#1	-.00036	164.95	132.03	.15761	-.00067	.00091	-.00048
#2	.00031	187.28	149.25	.17998	-.00199	.00087	-.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00959	.00356	-.00059	-.00011	.00645	.00419
SDev	.00111	.00044	.00013	.00022	.00240	.00307
%RSD	11.574	12.283	21.794	188.02	37.194	73.200
#1	.00880	.00325	-.00068	.00004	.00476	.00202
#2	.01037	.00387	-.00050	-.00027	.00815	.00636

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36078	--	--	--	--	--	--
SDev	3048.337	--	--	--	--	--	--
%RSD	8.449414	--	--	--	--	--	--
#1	38233	--	--	--	--	--	--
#2	33922	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-61-B Operator: SRP
Run Time: 02/24/12 08:21:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01836	-.00055	-.00019	.05040	.00024	.02374	.00004
SDev	.00158	.00174	.00035	.00051	.00001	.00017	.00004
%RSD	8.6241	316.28	181.39	1.0104	2.3152	.72090	100.57
#1	-.01724	-.00178	.00005	.05076	.00024	.02362	.00001
#2	-.01948	.00068	-.00044	.05004	.00025	.02386	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.672	.00320	.00000	.00114	.00190	.00402	-.00027
SDev	.599	.00013	.00015	.00016	.00383	.00004	.00046
%RSD	.75203	3.8978	8819.9	14.041	201.94	.99057	172.62
#1	80.095	.00311	-.00011	.00126	-.00081	.00404	.00006
#2	79.248	.00329	.00011	.00103	.00461	.00399	-.00060

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00309	2.7127	.04782	.00170	.00109	.78095	2.5017
SDev	.00292	.0211	.00033	.00079	.00003	.01754	.0274
%RSD	94.240	.77649	.68347	46.294	3.0722	2.2462	1.0968

#1	.00103	2.7276	.04805	.00226	.00111	.79335	2.5211
#2	.00515	2.6978	.04759	.00115	.00106	.76854	2.4823

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	162.83	130.86	.21777	-.00068	.00172	-.00043
SDev	.00002	1.44	1.18	.00180	.00238	.00080	.00001
%RSD	22.219	.88326	.90424	.82629	348.27	46.411	1.4118
#1	.00009	163.84	131.70	.21905	-.00237	.00115	-.00043
#2	.00013	161.81	130.02	.21650	.00100	.00228	-.00044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00338	-.00189	.00054	.00487	.00220
SDev	.00019	.00008	.00061	.00039	.00627	.00124
%RSD	30.772	2.3339	32.093	71.763	128.60	56.242
#1	.00076	.00333	-.00146	.00082	.00044	.00133

#2	.00049	.00344	-.00232	.00027	.00930	.00308

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37988	--	--	--	--	--	--
SDev	158.3919	--	--	--	--	--	--
%RSD	.4169525	--	--	--	--	--	--
#1	37876	--	--	--	--	--	--
#2	38100	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50591-B-62-B Operator: SRP
Run Time: 02/24/12 08:25:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02045	-.00101	-.00045	.06277	.00025	.02615	.00006
SDev	.00148	.00050	.00090	.00027	.00001	.00015	.00007
%RSD	7.2458	50.028	197.28	.43506	3.6788	.57429	116.54
#1	-.02150	-.00065	-.00109	.06296	.00025	.02604	.00011
#2	-.01940	-.00136	.00018	.06257	.00026	.02626	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.892	.00394	-.00017	.00288	-.00157	.00460	-.00056
SDev	.266	.00031	.00010	.00008	.00168	.00010	.00011
%RSD	.38070	7.7943	57.736	2.6641	107.00	2.2594	20.502
#1	70.080	.00415	-.00025	.00282	-.00038	.00453	-.00048
#2	69.704	.00372	-.00010	.00293	-.00276	.00467	-.00064

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00355	2.1019	.01363	.00161	.00090	.88217	2.4565
SDev	.00221	.0042	.00002	.00026	.00027	.00274	.0134

%RSD	62.213	.20172	.10962	16.118	30.322	.31036	.54449
#1	.00199	2.1049	.01362	.00143	.00071	.88024	2.4659
#2	.00511	2.0989	.01364	.00180	.00109	.88411	2.4470

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	161.48	129.82	.18040	-.00079	.00232	-.00034
SDev	.00052	1.05	1.12	.00078	.00030	.00135	.00001
%RSD	622.84	.65045	.86116	.43300	38.604	58.352	2.6718
#1	-.00045	162.23	130.61	.18095	-.00057	.00327	-.00033
#2	.00029	160.74	129.03	.17985	-.00100	.00136	-.00034

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.00737	-.00222	.00027	.00394	.00335

SDev	.00000	.00017	.00057	.00011	.00077	.00293
%RSD	.22681	2.3760	25.677	41.606	19.462	87.315
#1	.00101	.00725	-.00181	.00019	.00340	.00128
#2	.00101	.00749	-.00262	.00035	.00448	.00542

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38064	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0241495	--	--	--	--	--	--
#1	38058	--	--	--	--	--	--
#2	38071	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 08:29:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5374	.48927	.49839	.48113	.52988	.49708	.49330
SDev	.0016	.00265	.00086	.00148	.00114	.00018	.00209
%RSD	.06241	.54187	.17241	.30679	.21490	.03600	.42458
#1	2.5363	.48740	.49900	.48218	.53068	.49696	.49478
#2	2.5385	.49115	.49778	.48009	.52907	.49721	.49182

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.859	.51330	.51460	.51665	2.5526	.45903	.50416
SDev	.033	.00146	.00054	.00068	.0012	.00080	.00217
%RSD	.25329	.28544	.10476	.13096	.04656	.17410	.43081
#1	12.882	.51434	.51498	.51713	2.5517	.45959	.50263
#2	12.836	.51227	.51422	.51617	2.5534	.45846	.50570

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51418	5.1931	.50263	.50421	.49908	11.927	.99171
SDev	.00208	.0133	.00123	.00184	.00124	.032	.00089
%RSD	.40479	.25608	.24382	.36453	.24781	.27119	.08984
#1	.51271	5.2025	.50349	.50291	.49996	11.950	.99234
#2	.51565	5.1837	.50176	.50551	.49821	11.904	.99108

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24987	12.587	12.048	.24129	.48072	.52276	.51129
SDev	.00017	.080	.001	.00079	.00247	.00200	.00153
%RSD	.06704	.63345	.00822	.32580	.51291	.38293	.29897
#1	.24975	12.531	12.049	.24185	.47898	.52417	.51237
#2	.24999	12.644	12.047	.24074	.48246	.52134	.51020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51389	.50352	.50957	.50146	.51854	.51205
SDev	.00068	.00085	.00349	.00152	.00412	.00106
%RSD	.13167	.16785	.68427	.30203	.79485	.20723
#1	.51437	.50411	.50710	.50039	.51562	.51130
#2	.51342	.50292	.51203	.50254	.52145	.51281

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38056	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1244890	--	--	--	--	--	--

#1	38023	--	--	--	--	--	--
#2	38090	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 08:33:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01483	-.00087	-.00250	.00019	.00044	.00216	.00019
SDev	.00583	.00067	.00098	.00007	.00002	.00130	.00011
%RSD	39.329	76.479	39.127	37.616	3.6923	60.332	59.335
#1	-.01071	-.00040	-.00180	.00024	.00043	.00308	.00011
#2	-.01896	-.00135	-.00319	.00014	.00045	.00124	.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02746	.00027	.00027	.00091	.00058	-.00001	-.00044
SDev	.00064	.00071	.00043	.00083	.01757	.00029	.00087
%RSD	2.3414	257.08	155.51	90.594	3008.5	5279.7	195.94
#1	.02791	.00077	-.00003	.00150	-.01184	.00020	.00017
#2	.02700	-.00022	.00058	.00033	.01301	-.00021	-.00106

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	-.01448	.00014	.00194	.00060	-.19456	.00143
SDev	.00161	.02431	.00004	.00035	.00004	.14801	.00391
%RSD	121.34	167.84	30.323	17.956	6.3541	76.073	274.19
#1	.00246	.00270	.00016	.00218	.00057	-.08990	.00419
#2	.00019	-.03167	.00011	.00169	.00063	-.29921	-.00134

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.03123	.00208	.00009	.00346	.00161	.00023
SDev	.00037	.13920	.01156	.00002	.00175	.00053	.00015
%RSD	81.920	445.67	555.33	17.918	50.652	32.806	67.073
#1	.00019	-.06719	.01025	.00011	.00222	.00198	.00034
#2	.00072	.12966	-.00609	.00008	.00470	.00124	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00010	-.00212	.00039	-.00032	.00215
SDev	.00041	.00006	.00131	.00065	.00102	.00292
%RSD	348.35	59.218	61.643	165.24	315.32	135.89
#1	.00041	.00014	-.00120	.00085	-.00104	.00421
#2	-.00017	.00006	-.00305	-.00007	.00040	.00008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report Blank Sample 02/24/12 08:37:38 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39366	--	--	--	--	--	--
SDev	1414.214	--	--	--	--	--	--
%RSD	3.592475	--	--	--	--	--	--
#1	38366	--	--	--	--	--	--
#2	40366	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-50591-b-56-b Operator: SRP
Run Time: 02/24/12 08:37:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.174	.95497	1.0200	1.0080	.52822	1.0155	.48455
SDev	.015	.00945	.0034	.0026	.00297	.0001	.00161
%RSD	.15200	.98991	.33407	.25714	.56194	.00736	.33298
#1	10.185	.94828	1.0176	1.0062	.52612	1.0155	.48341
#2	10.163	.96165	1.0224	1.0098	.53032	1.0154	.48569

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.698	1.0259	1.0194	1.0351	9.9673	1.0294	1.0103
SDev	.354	.0057	.0042	.0005	.0241	.0010	.0086
%RSD	.43273	.55787	.40833	.04681	.24205	.10112	.85026

#1	81.448	1.0219	1.0165	1.0347	9.9502	1.0302	1.0043
#2	81.948	1.0300	1.0224	1.0354	9.9843	1.0287	1.0164

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0469	10.540	1.0123	1.0094	.98625	12.401	3.4179
SDev	.0113	.052	.0049	.0071	.00341	.009	.0018
%RSD	1.0827	.49280	.48502	.70722	.34543	.07246	.05308

#1	1.0388	10.503	1.0088	1.0044	.98384	12.394	3.4192
#2	1.0549	10.577	1.0158	1.0145	.98866	12.407	3.4166

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50360	177.07	142.07	.69796	.97090	1.0222	1.0118
SDev	.00018	1.33	.27	.00148	.00431	.0049	.0044
%RSD	.03551	.75189	.19168	.21262	.44394	.48081	.43721

#1	.50372	178.01	142.26	.69691	.97395	1.0188	1.0087
#2	.50347	176.13	141.88	.69901	.96786	1.0257	1.0149

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0313	1.0155	1.0266	1.0022	1.0645	1.0381
SDev	.0050	.0035	.0101	.0079	.0133	.0104
%RSD	.48815	.34924	.97932	.78416	1.2456	.99915

#1	1.0277	1.0130	1.0195	.99665	1.0551	1.0307	

#2	1.0349	1.0180	1.0337	1.0078	1.0738	1.0454	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38094	--	--	--	--	--	--
SDev	311.8341	--	--	--	--	--	--
%RSD	.8185803	--	--	--	--	--	--

#1	38315	--	--	--	--	--	--
#2	37874	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-50591-b-56b@5 Operator: SRP
Run Time: 02/24/12 08:41:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01445	.00462	.00080	.00966	.00033	.00544	.00004
SDev	.00437	.00130	.00009	.00006	.00003	.00013	.00001
%RSD	30.253	28.187	11.282	.57686	8.3233	2.3339	18.500

#1	-.01754	.00370	.00073	.00962	.00031	.00553	.00004
#2	-.01136	.00555	.00086	.00970	.00035	.00535	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.732	.00067	.00020	.00205	-.00303	.00099	.00044
SDev	.038	.00055	.00013	.00057	.01327	.00005	.00031
%RSD	.27854	81.997	64.772	27.787	437.52	5.1559	71.460

#1	13.759	.00028	.00011	.00165	-.01242	.00103	.00066
#2	13.705	.00107	.00029	.00245	.00635	.00095	.00022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00188	.07885	.00024	.00332	.00041	.07163	.43146
SDev	.00041	.00166	.00011	.00077	.00054	.01194	.00127
%RSD	21.853	2.1051	44.983	23.224	130.41	16.671	.29395
#1	.00159	.08002	.00017	.00386	.00003	.08007	.43056
#2	.00217	.07767	.00032	.00277	.00079	.06319	.43236

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	26.968	24.628	.04159	.00098	.00214	.00015
SDev	.00041	.376	.070	.00006	.00040	.00031	.00011
%RSD	163.29	1.3927	.28554	.13141	40.794	14.599	73.853
#1	-.00004	26.702	24.578	.04163	.00126	.00192	.00007
#2	.00054	27.233	24.678	.04155	.00069	.00236	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00211	.00557	-.00051	.00091	.00317	.00123

SDev	.00066	.00046	.00189	.00048	.00054	.00088
%RSD	31.361	8.2397	369.77	52.189	16.907	71.742
#1	.00164	.00524	.00083	.00058	.00355	.00061
#2	.00258	.00589	-.00185	.00125	.00279	.00186

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37836	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.1588563	--	--	--	--	--	--
#1	37793	--	--	--	--	--	--
#2	37878	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 08:45:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4926	.47789	.49270	.47215	.52521	.48815	.48461
SDev	.0029	.00058	.00080	.00051	.00084	.00044	.00126
%RSD	.11828	.12173	.16204	.10756	.16050	.08969	.26006
#1	2.4905	.47748	.49326	.47251	.52581	.48784	.48550
#2	2.4947	.47830	.49213	.47179	.52461	.48846	.48372

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.705	.50739	.50888	.51038	2.5189	.45275	.49624
SDev	.022	.00108	.00000	.00066	.0007	.00055	.00009

%RSD	.16971	.21250	.00055	.12916	.02873	.12035	.01804
#1	12.721	.50816	.50888	.51085	2.5195	.45313	.49630
#2	12.690	.50663	.50888	.50992	2.5184	.45236	.49617

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50962	5.1338	.49654	.49711	.48911	11.747	.97778
SDev	.00172	.0112	.00100	.00049	.00096	.037	.00238
%RSD	.33767	.21886	.20172	.09853	.19707	.31783	.24336
#1	.50840	5.1417	.49725	.49746	.48979	11.773	.97946
#2	.51083	5.1258	.49583	.49677	.48843	11.721	.97610

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24610	12.360	11.871	.23689	.47201	.51553	.50490
SDev	.00016	.120	.005	.00024	.00528	.00154	.00105
%RSD	.06662	.96882	.04618	.09998	1.1176	.29828	.20835
#1	.24622	12.445	11.867	.23706	.46828	.51662	.50564
#2	.24598	12.275	11.875	.23672	.47574	.51445	.50415

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50811	.49538	.50295	.49288	.51884	.50506
SDev	.00092	.00061	.00155	.00091	.00777	.00646
%RSD	.18187	.12387	.30809	.18443	1.4969	1.2799
#1	.50877	.49581	.50186	.49352	.52434	.50049
#2	.50746	.49494	.50405	.49224	.51335	.50963

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38540	--	--	--	--	--	--
SDev	120.9153	--	--	--	--	--	--
%RSD	.3137356	--	--	--	--	--	--
#1	38455	--	--	--	--	--	--
#2	38626	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 08:49:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01608	.00047	-.00027	.00039	.00061	.00293	.00028
SDev	.00300	.00030	.00028	.00002	.00003	.00090	.00014
%RSD	18.632	64.309	103.71	3.7816	4.2669	30.586	50.389
#1	-.01820	.00068	-.00046	.00038	.00059	.00357	.00018
#2	-.01397	.00025	-.00007	.00040	.00063	.00230	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03149	.00064	.00026	.00128	-.01078	.00018	.00126

SDev	.00040	.00040	.00020	.00015	.01577	.00004	.00019
%RSD	1.2528	62.811	75.581	11.505	146.30	20.945	15.516
#1	.03121	.00093	.00012	.00138	-.02193	.00021	.00139
#2	.03177	.00036	.00040	.00118	.00037	.00015	.00112

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00286	-.00758	.00031	.00263	.00076	-.14663	.00174
SDev	.00353	.00332	.00000	.00065	.00019	.01779	.00021
%RSD	123.39	43.821	.29634	24.724	25.137	12.133	12.384
#1	.00535	-.00523	.00031	.00309	.00090	-.13405	.00189
#2	.00036	-.00993	.00031	.00217	.00063	-.15921	.00159

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	-.07812	.00786	.00017	.00303	.00030	.00045
SDev	.00045	.00654	.00265	.00001	.00319	.00035	.00003

%RSD	789.24	8.3755	33.727	6.9277	105.36	117.36	5.9289
#1	-.00037	-.07349	.00973	.00016	.00077	.00055	.00043
#2	.00026	-.08275	.00598	.00018	.00528	.00005	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00028	-.00258	.00317	.00134	.00362
SDev	.00013	.00002	.00257	.00099	.01147	.00044
%RSD	30.516	8.2423	99.673	31.312	854.67	12.287
#1	.00050	.00030	-.00076	.00247	.00945	.00330
#2	.00032	.00027	-.00440	.00387	-.00677	.00393

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39038	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.2807524	--	--	--	--	--	--
#1	38961	--	--	--	--	--	--
#2	39116	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-73061/1-a Operator: SRP
Run Time: 02/24/12 08:53:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02298	.00043	-.00079	.00197	.00032	.00207	.00013
SDev	.00030	.00096	.00227	.00002	.00002	.00011	.00004
%RSD	1.2982	225.22	284.95	1.2217	5.8137	5.3730	29.078
#1	-.02277	-.00025	.00081	.00195	.00031	.00215	.00010
#2	-.02319	.00111	-.00240	.00199	.00034	.00199	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.01733	.00037	-.00043	.00151	-.00090	-.00025	.00043
SDev	.00009	.00016	.00029	.00001	.01185	.00007	.00042
%RSD	.52893	44.052	67.016	.40927	1318.5	28.362	97.393
#1	.01727	.00048	-.00064	.00150	-.00928	-.00030	.00013
#2	.01740	.00025	-.00023	.00151	.00748	-.00020	.00072
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	-.02458	.00078	.00106	.00041	-.15898	.00419
SDev	.00120	.00546	.00001	.00025	.00042	.03790	.00202
%RSD	34.414	22.219	1.8558	23.750	102.81	23.840	48.170
#1	.00263	-.02845	.00079	.00124	.00011	-.18578	.00276
#2	.00432	-.02072	.00077	.00088	.00071	-.13218	.00561

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.05470	.00397	.00022	-.00132	.02989	.00031
SDev	.00047	.03849	.00235	.00002	.00254	.00016	.00011
%RSD	312.45	70.366	59.116	7.0684	192.07	.52446	36.002
#1	-.00018	.02748	.00231	.00021	-.00312	.03000	.00023
#2	.00048	.08191	.00563	.00023	.00047	.02978	.00038
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00002	.00978	.00062	.00033	-.00243	.00642	
SDev	.00017	.00010	.00141	.00133	.00395	.00377	
%RSD	921.77	1.0356	226.28	406.01	162.87	58.685	
#1	-.00010	.00985	.00162	-.00061	.00037	.00376	
#2	.00014	.00971	-.00037	.00127	-.00522	.00908	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38994	--	--	--	--	--	--
SDev	164.7559	--	--	--	--	--	--
%RSD	.4225106	--	--	--	--	--	--
#1	39111	--	--	--	--	--	--
#2	38878	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-73061/2-a Operator: SRP
Run Time: 02/24/12 08:56:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.472	.75507	1.3057	2.3940	1.5304	.79286	.60497
SDev	.521	.00016	.0012	.0076	.0005	.00217	.00206
%RSD	.61650	.02134	.09481	.31831	.03209	.27418	.33989
#1	84.840	.75518	1.3049	2.3994	1.5308	.79439	.60643
#2	84.103	.75495	1.3066	2.3886	1.5301	.79132	.60352
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.430	.97995	1.3487	1.0433	175.30	.07874	1.4838
SDev	.185	.00137	.0027	.0043	.87	.00031	.0051
%RSD	.21414	.13985	.19654	.41342	.49683	.38838	.34456
#1	86.561	.98092	1.3506	1.0464	175.92	.07896	1.4802
#2	86.300	.97899	1.3468	1.0403	174.69	.07853	1.4874

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8640	40.203	4.8979	.83841	1.1608	45.279	6.4946
SDev	.0096	.080	.0084	.00169	.0031	.245	.0256
%RSD	.51736	.19997	.17216	.20096	.26594	.54200	.39369

#1	1.8572	40.260	4.9039	.83722	1.1630	45.453	6.5127
#2	1.8708	40.146	4.8920	.83960	1.1586	45.106	6.4766

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43148	3.9990	6.7389	2.1819	1.4680	1.5734	3.9404
SDev	.00149	.1201	.0509	.0079	.0011	.0026	.0057
%RSD	.34550	3.0043	.75470	.36059	.07774	.16644	.14518
#1	.43253	4.0839	6.7749	2.1875	1.4688	1.5752	3.9444
#2	.43043	3.9140	6.7030	2.1763	1.4672	1.5715	3.9363

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62912	2.0110	1.5010	1.4753	1.8806	1.8557
SDev	.00143	.0040	.0025	.0064	.0012	.0139
%RSD	.22797	.19951	.16960	.43357	.06472	.74670
#1	.63013	2.0139	1.4992	1.4707	1.8797	1.8459
#2	.62810	2.0082	1.5028	1.4798	1.8814	1.8655

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40561	--	--	--	--	--	--
SDev	147.0782	--	--	--	--	--	--
%RSD	.3626099	--	--	--	--	--	--
#1	40665	--	--	--	--	--	--
#2	40457	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-1-a Operator: SRP
Run Time: 02/24/12 09:00:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.604	.00376	.01577	.33109	.00397	.00540	-.00038
SDev	.019	.00255	.00029	.00017	.00003	.00018	.00007
%RSD	.04303	67.766	1.8150	.05093	.73107	3.2643	17.704
#1	44.618	.00557	.01557	.33121	.00399	.00553	-.00043
#2	44.591	.00196	.01598	.33097	.00395	.00528	-.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1529	.04223	.01516	.02681	41.655	.01218	.05545
SDev	.0016	.00028	.00029	.00004	.024	.00002	.00066
%RSD	.03848	.67551	1.9363	.15403	.05661	.13455	1.1934
#1	4.1518	.04203	.01495	.02683	41.639	.01219	.05498
#2	4.1541	.04243	.01536	.02678	41.672	.01217	.05591

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00676	3.4415	.22480	.00474	.01667	1.8087	5.9507
SDev	.00075	.0014	.00002	.00169	.00034	.0040	.0014
%RSD	11.022	.04119	.00713	35.601	2.0186	.22105	.02422
#1	.00623	3.4425	.22479	.00593	.01643	1.8116	5.9497
#2	.00729	3.4405	.22482	.00354	.01691	1.8059	5.9517

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00159	.28633	.49520	.04208	-.00236	.02962	.25429
SDev	.00093	.15015	.00046	.00000	.00131	.00042	.00005
%RSD	58.112	52.441	.09338	.00426	55.567	1.4030	.01780
#1	-.00225	.18016	.49553	.04209	-.00143	.02991	.25432
#2	-.00094	.39251	.49488	.04208	-.00328	.02932	.25426

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12281	.06493	.05467	.05583	-.00051	.01039
SDev	.00036	.00025	.00023	.00111	.00223	.00001
%RSD	.29182	.37859	.41660	1.9816	432.81	.04605
#1	.12256	.06510	.05483	.05505	-.00209	.01039
#2	.12307	.06475	.05451	.05662	.00106	.01040

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41238	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0600137	--	--	--	--	--	--
#1	41221	--	--	--	--	--	--
#2	41256	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-2-a Operator: SRP
Run Time: 02/24/12 09:04:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.857	.00181	.02763	.28420	.00559	.01061	-.00015
SDev	.254	.00049	.00076	.00019	.00002	.00042	.00006
%RSD	.65346	27.374	2.7596	.06689	.28251	3.9768	37.492
#1	38.677	.00146	.02709	.28406	.00560	.01031	-.00011

#2	39.036	.00216	.02817	.28433	.00558	.01091	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.336	.06339	.01558	.04295	27.003	.01660	.05192
SDev	.011	.00056	.00002	.00015	.014	.00003	.00038
%RSD	.08298	.87929	.09780	.33687	.05354	.20037	.72163

#1	13.344	.06378	.01557	.04306	27.013	.01663	.05219
#2	13.328	.06299	.01559	.04285	26.992	.01658	.05166

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00429	5.6823	.23193	.00150	.02825	1.5870	6.7239
SDev	.00003	.0115	.00040	.00056	.00012	.0290	.0192
%RSD	.74706	.20171	.17172	37.474	.42312	1.8287	.28597

#1	.00431	5.6904	.23221	.00190	.02816	1.6076	6.7103
#2	.00427	5.6742	.23165	.00110	.02833	1.5665	6.7375

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00147	2.9631	2.9653	.10407	-.00497	.02793	.18970
SDev	.00020	.0495	.0372	.00010	.00040	.00048	.00001
%RSD	13.549	1.6710	1.2542	.09622	7.9534	1.7294	.00659

#1	-.00161	2.9281	2.9390	.10400	-.00525	.02827	.18971
#2	-.00133	2.9982	2.9916	.10414	-.00469	.02759	.18969

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11024	.05971	.05111	.05233	.00075	.00606
SDev	.00024	.00004	.00026	.00043	.00231	.00120
%RSD	.21392	.06946	.50280	.82849	309.54	19.848

#1	.11041	.05968	.05129	.05264	-.00089	.00691
#2	.11007	.05974	.05093	.05202	.00238	.00521

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42865	--	--	--	--	--	--
SDev	404.4651	--	--	--	--	--	--
%RSD	.9435788	--	--	--	--	--	--

#1	42579	--	--	--	--	--	--
#2	43151	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-2-b du Operator: SRP
Run Time: 02/24/12 09:08:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.162	.00205	.02346	.24869	.00823	.01355	-.00030
SDev	.047	.00081	.00056	.00033	.00000	.00046	.00006
%RSD	.10185	39.435	2.3875	.13414	.01091	3.4169	20.220

#1	46.195	.00262	.02306	.24893	.00823	.01322	-.00026
#2	46.129	.00148	.02385	.24846	.00823	.01388	-.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.086	.06408	.01610	.06032	30.585	.02112	.04581
SDev	.017	.00027	.00004	.00015	.062	.00006	.00085
%RSD	.09880	.41930	.22103	.25616	.20287	.27205	1.8516
#1	17.098	.06427	.01608	.06043	30.629	.02108	.04521
#2	17.074	.06389	.01613	.06021	30.541	.02116	.04641

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00448	7.4865	.47088	.00165	.04193	1.5455	6.7051
SDev	.00198	.0005	.00015	.00039	.00018	.0152	.0066
%RSD	44.104	.00646	.03083	23.668	.44131	.98424	.09903
#1	.00309	7.4868	.47098	.00137	.04180	1.5347	6.7098
#2	.00588	7.4861	.47078	.00192	.04206	1.5562	6.7004

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00174	3.2116	3.2149	.13154	-.00630	.02748	.17283
SDev	.00020	.0985	.0030	.00013	.00068	.00003	.00002
%RSD	11.721	3.0661	.09248	.09819	10.828	.10259	.01413
#1	-.00160	3.2812	3.2128	.13164	-.00679	.02750	.17285
#2	-.00189	3.1420	3.2170	.13145	-.00582	.02746	.17281

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10455	.07169	.04317	.04713	.00278	.00534
SDev	.00008	.00003	.00118	.00068	.00028	.00311
%RSD	.07250	.03691	2.7410	1.4443	10.184	58.249
#1	.10460	.07167	.04234	.04665	.00298	.00314
#2	.10450	.07171	.04401	.04761	.00258	.00753

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43402	--	--	--	--	--	--
SDev	99.70206	--	--	--	--	--	--
%RSD	.2297150	--	--	--	--	--	--
#1	43473	--	--	--	--	--	--
#2	43332	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-2-c ms Operator: SRP
Run Time: 02/24/12 09:12:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.09	.37645	.85383	1.2727	.47333	.63853	.41393

SDev	.16	.00456	.00267	.0000	.00061	.00054	.00028

%RSD	.15636	1.2116	.31255	.00119	.12823	.08486	.06668
#1	99.978	.37967	.85195	1.2727	.47290	.63815	.41412
#2	100.20	.37322	.85572	1.2727	.47375	.63892	.41373

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.453	.98959	.91082	.96518	66.080	.44939	.90705
SDev	.020	.00140	.00120	.00146	.038	.00064	.00004
%RSD	.07130	.14187	.13181	.15115	.05779	.14223	.00474
#1	28.439	.98860	.90997	.96415	66.053	.44894	.90702
#2	28.467	.99058	.91167	.96621	66.107	.44984	.90708

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82610	19.754	1.3543	.82877	.89981	11.976	7.4917
SDev	.00351	.023	.0012	.00457	.00076	.028	.0182
%RSD	.42438	.11568	.08961	.55129	.08391	.23462	.24278
#1	.82362	19.738	1.3535	.82554	.89928	11.956	7.4788
#2	.82858	19.770	1.3552	.83200	.90034	11.996	7.5045

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43856	13.078	13.070	.58652	.81189	.85080	.54466
SDev	.00040	.129	.021	.00009	.00401	.00005	.00049
%RSD	.09116	.98265	.15924	.01480	.49382	.00615	.08909
#1	.43828	12.987	13.055	.58659	.81472	.85084	.54432
#2	.43885	13.168	13.085	.58646	.80905	.85076	.54500

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0183	.95332	.91810	.90152	.82903	.82464
SDev	.0011	.00121	.00047	.00030	.00173	.00439
%RSD	.10848	.12654	.05144	.03335	.20825	.53302
#1	1.0176	.95246	.91844	.90130	.82781	.82153
#2	1.0191	.95417	.91777	.90173	.83025	.82775

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43096	--	--	--	--	--	--
SDev	45.25483	--	--	--	--	--	--
%RSD	.1050094	--	--	--	--	--	--
#1	43128	--	--	--	--	--	--
#2	43064	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-2-d msd Operator: SRP
Run Time: 02/24/12 09:16:13
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.773	.41338	.89106	1.1583	.48953	.70966	.43005
SDev	.204	.00089	.00200	.0031	.00115	.00297	.00088
%RSD	.22468	.21537	.22506	.26908	.23503	.41872	.20440
#1	90.629	.41401	.88964	1.1561	.48871	.70756	.42942
#2	90.917	.41275	.89248	1.1605	.49034	.71177	.43067

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.812	1.0224	.94649	.98633	51.519	.45430	.94387
SDev	.056	.0026	.00231	.00242	.117	.00069	.00197
%RSD	.24451	.25682	.24421	.24493	.22753	.15132	.20829
#1	22.772	1.0205	.94486	.98462	51.436	.45381	.94248
#2	22.851	1.0242	.94813	.98803	51.602	.45478	.94526

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86326	17.589	1.3312	.86823	.92500	11.901	7.6713
SDev	.00490	.044	.0035	.00202	.00188	.009	.0186
%RSD	.56769	.24752	.26331	.23324	.20327	.07265	.24280
#1	.85980	17.558	1.3287	.86679	.92367	11.895	7.6581
#2	.86673	17.620	1.3336	.86966	.92633	11.907	7.6844

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45515	12.047	11.961	.55338	.84024	.88103	.64053
SDev	.00055	.013	.012	.00133	.00402	.00176	.00145
%RSD	.12040	.10705	.10178	.23986	.47853	.19955	.22644
#1	.45476	12.056	11.952	.55244	.83739	.88228	.63951
#2	.45554	12.038	11.970	.55432	.84308	.87979	.64156

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0572	.96830	.95768	.93697	.87132	.85924
SDev	.0024	.00203	.00276	.00157	.00238	.00616
%RSD	.22279	.21018	.28792	.16759	.27266	.71727
#1	1.0556	.96686	.95573	.93586	.86964	.85488
#2	1.0589	.96974	.95963	.93808	.87300	.86360

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42714	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.0711833	--	--	--	--	--	--
#1	42693	--	--	--	--	--	--
#2	42736	--	--	--	--	--	--

Analysis Report 02/24/12 09:20:01 AM page 15

Method: 20076010 Sample Name: 600-50963-a-3-a Operator: SRP

Run Time: 02/24/12 09:20:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.682	.00183	.02398	.75538	.00974	.01133	-.00038
SDev	.303	.00086	.00096	.00088	.00001	.00093	.00015
%RSD	.51696	46.927	3.9810	.11670	.11419	8.2458	39.834
#1	58.468	.00243	.02331	.75475	.00975	.01199	-.00028
#2	58.897	.00122	.02466	.75600	.00974	.01067	-.00049

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.223	.07453	.05024	.05793	48.958	.02352	.10513
SDev	.008	.00010	.00000	.00013	.001	.00005	.00093
%RSD	.06103	.13296	.00134	.22936	.00169	.19596	.88444
#1	13.217	.07460	.05024	.05802	48.957	.02348	.10447
#2	13.228	.07446	.05024	.05783	48.959	.02355	.10579

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	5.5756	1.4130	.00399	.03802	1.1039	6.7021
SDev	.00095	.0060	.0011	.00136	.00046	.0048	.0159
%RSD	54.491	.10729	.07689	34.224	1.2008	.43865	.23659
#1	.00242	5.5713	1.4123	.00495	.03834	1.1073	6.6909
#2	.00107	5.5798	1.4138	.00302	.03770	1.1004	6.7133

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00300	2.9643	2.9494	.12573	-.00919	.02775	.20767
SDev	.00026	.0244	.0186	.00012	.00421	.00129	.00001
%RSD	8.6017	.82257	.63080	.09754	45.795	4.6370	.00674
#1	-.00281	2.9470	2.9362	.12564	-.00621	.02866	.20768
#2	-.00318	2.9815	2.9625	.12581	-.01217	.02684	.20766

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16264	.06512	.10283	.10628	-.00157	.00341
SDev	.00003	.00015	.00206	.00036	.00346	.00030
%RSD	.01984	.23674	2.0076	.34109	219.87	8.8726
#1	.16261	.06522	.10137	.10602	.00087	.00319
#2	.16266	.06501	.10429	.10653	-.00402	.00362

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45556	--	--	--	--	--	--

SDev	115.2584	--	--	--	--	--	--
%RSD	.2530010	--	--	--	--	--	--
#1	45475	--	--	--	--	--	--
#2	45638	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-4-a Operator: SRP
Run Time: 02/24/12 09:23:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.013	.00238	.04654	.28348	.00610	.00924	-.00036
SDev	.082	.00112	.00168	.00058	.00000	.00031	.00018
%RSD	.16418	46.942	3.6017	.20468	.01525	3.3198	50.632
#1	50.071	.00159	.04535	.28390	.00610	.00946	-.00049
#2	49.955	.00316	.04772	.28307	.00610	.00902	-.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.289	.06971	.03125	.03581	85.698	.01585	.05712
SDev	.000	.00011	.00001	.00040	.065	.00005	.00075
%RSD	.00229	.15519	.02696	1.1158	.07538	.28170	1.3139
#1	10.289	.06963	.03125	.03552	85.743	.01582	.05659
#2	10.288	.06979	.03124	.03609	85.652	.01588	.05765

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00353	5.3896	.56746	.00444	.03256	2.2632	6.6414
SDev	.00212	.0027	.00001	.00152	.00035	.0070	.0102
%RSD	59.953	.04979	.00085	34.237	1.0796	.31100	.15396
#1	.00204	5.3877	.56747	.00552	.03281	2.2582	6.6486
#2	.00503	5.3915	.56746	.00337	.03232	2.2682	6.6342

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00167	3.5602	3.5334	.08441	-.01202	.03186	.25056
SDev	.00017	.1121	.0104	.00006	.00206	.00194	.00004
%RSD	10.082	3.1484	.29555	.06971	17.174	6.0783	.01731
#1	-.00155	3.6394	3.5408	.08445	-.01056	.03323	.25059
#2	-.00178	3.4809	3.5260	.08437	-.01348	.03049	.25053

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19227	.08384	.05693	.05722	-.00072	.00566
SDev	.00055	.00001	.00026	.00100	.00172	.00232
%RSD	.28613	.01020	.45780	1.7398	239.73	40.951
#1	.19188	.08385	.05675	.05652	-.00193	.00402
#2	.19266	.08383	.05711	.05792	.00050	.00730

Analysis Report 02/24/12 09:27:44 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41148	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0274952	--	--	--	--	--	--

#1	41140	--	--	--	--	--	--
#2	41156	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-5-a Operator: SRP
Run Time: 02/24/12 09:27:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.931	.00165	.01707	.43359	.00864	.01046	-.00025
SDev	.281	.00071	.00097	.00134	.00001	.00028	.00008
%RSD	.58585	42.745	5.6799	.30818	.14819	2.6794	30.814
#1	48.130	.00115	.01776	.43454	.00865	.01066	-.00030
#2	47.732	.00215	.01638	.43265	.00863	.01026	-.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.423	.05648	.02537	.05130	59.150	.02921	.05969
SDev	.083	.00010	.00020	.00043	.195	.00019	.00004
%RSD	.34094	.17098	.80026	.83238	.32990	.64197	.07077
#1	24.482	.05655	.02523	.05160	59.288	.02934	.05972
#2	24.364	.05641	.02552	.05100	59.012	.02908	.05966

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00376	9.9232	1.3255	.00158	.04181	1.8869	6.9548
SDev	.00128	.0462	.0037	.00069	.00027	.0342	.0340
%RSD	33.916	.46538	.27861	43.780	.64061	1.8109	.48882
#1	.00286	9.9559	1.3281	.00207	.04200	1.9111	6.9789
#2	.00466	9.8905	1.3229	.00109	.04162	1.8627	6.9308

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	13.868	13.237	.16333	-.01214	.02836	.15170
SDev	.00024	.075	.094	.00049	.00055	.00003	.00030
%RSD	10.412	.53880	.70785	.30111	4.5350	.09801	.19975
#1	-.00246	13.921	13.304	.16368	-.01253	.02838	.15192
#2	-.00212	13.815	13.171	.16298	-.01175	.02834	.15149

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12996	.07223	.05713	.06097	-.00236	.00682
SDev	.00017	.00016	.00080	.00034	.00553	.00085
%RSD	.13173	.21927	1.4010	.55245	234.03	12.510

#1	.13008	.07234	.05770	.06073	-.00627	.00742
#2	.12984	.07212	.05656	.06120	.00155	.00622

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42206	--	--	--	--	--	--
SDev	195.8686	--	--	--	--	--	--
%RSD	.4640831	--	--	--	--	--	--

#1	42067	--	--	--	--	--	--
#2	42344	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 09:31:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5176	.48005	.49342	.47084	.53278	.48866	.48455
SDev	.0020	.00030	.00186	.00045	.00095	.00080	.00125
%RSD	.08132	.06240	.37750	.09497	.17891	.16386	.25737
#1	2.5162	.47983	.49473	.47116	.53346	.48809	.48543
#2	2.5191	.48026	.49210	.47053	.53211	.48922	.48367

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.846	.51337	.51460	.51464	2.5392	.45569	.50039
SDev	.020	.00095	.00071	.00016	.0021	.00004	.00026
%RSD	.15687	.18526	.13823	.03179	.08207	.00854	.05161
#1	12.861	.51404	.51510	.51452	2.5378	.45572	.50057
#2	12.832	.51270	.51409	.51475	2.5407	.45566	.50020

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51542	5.1933	.50092	.49875	.49033	11.832	.99831
SDev	.00291	.0094	.00107	.00235	.00125	.002	.00237
%RSD	.56474	.18168	.21348	.47193	.25416	.01618	.23721
#1	.51337	5.2000	.50168	.49708	.49122	11.830	.99998
#2	.51748	5.1866	.50017	.50041	.48945	11.833	.99663

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24785	12.424	11.936	.23640	.47229	.52305	.50982
SDev	.00037	.022	.027	.00027	.00221	.00030	.00059
%RSD	.14829	.17870	.22899	.11593	.46889	.05676	.11566
#1	.24810	12.440	11.917	.23659	.47073	.52326	.51024
#2	.24759	12.409	11.956	.23621	.47386	.52284	.50940

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	□

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51266	.49681	.50770	.49673	.52311	.51164
SDev	.00074	.00035	.00159	.00041	.00117	.00495
%RSD	.14364	.07029	.31272	.08184	.22416	.96794
#1	.51318	.49706	.50883	.49644	.52394	.50814
#2	.51214	.49657	.50658	.49701	.52228	.51514

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38486	--	--	--	--	--	--
SDev	116.6726	--	--	--	--	--	--

%RSD	.3031521	--	--	--	--	--	--
#1	38404	--	--	--	--	--	--
#2	38569	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 09:35:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01914	.00322	-.00073	.00033	.00061	.00252	.00027
SDev	.00103	.00304	.00036	.00013	.00012	.00043	.00023
%RSD	5.3691	94.573	49.712	39.799	18.987	17.062	82.606
#1	-.01987	.00537	-.00047	.00024	.00052	.00221	.00011
#2	-.01841	.00107	-.00099	.00042	.00069	.00282	.00043

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02471	.00016	.00033	.00132	-.00621	.00007	-.00016
SDev	.00325	.00055	.00049	.00033	.01944	.00012	.00010
%RSD	13.131	347.23	148.68	24.902	312.94	162.12	64.419
#1	.02242	-.00023	-.00002	.00109	-.01996	-.00001	-.00009
#2	.02701	.00055	.00068	.00155	.00753	.00016	-.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00514	-.00693	.00029	.00195	.00050	-.11834	.00683
SDev	.00171	.00327	.00014	.00076	.00002	.01912	.00129
%RSD	33.332	47.181	49.798	39.057	3.4574	16.158	18.826
#1	.00635	-.00924	.00019	.00248	.00049	-.13186	.00592
#2	.00393	-.00462	.00039	.00141	.00051	-.10482	.00774

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	-.07194	.00055	.00015	.00125	.00047	.00027
SDev	.00040	.06047	.00259	.00007	.00191	.00174	.00027
%RSD	204.89	84.054	471.70	48.223	152.51	374.47	99.596

#1	-.00009	-.11470	-.00128	.00010	.00261	-.00077	.00008
#2	.00048	-.02918	.00238	.00020	-.00010	.00170	.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00022	-.00117	.00035	.00386	.00577
SDev	.00053	.00005	.00080	.00055	.00243	.00136
%RSD	269.62	23.985	68.451	157.28	62.821	23.475
#1	-.00018	.00025	-.00174	.00074	.00557	.00673
#2	.00057	.00018	-.00061	-.00004	.00215	.00482

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38924	--	--	--	--	--	--

SDev	105.3589	--	--	--	--	--
%RSD	.2706820	--	--	--	--	--
#1	38998	--	--	--	--	--
#2	38849	--	--	--	--	--

Analysis Report 02/24/12 09:46:34 AM page 1

Method: 20076010 Sample Name: 600-50963-a-5-b du Operator: SRP
Run Time: 02/24/12 09:42:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.538	.00058	.01823	.43444	.00830	.00797	-.00027
SDev	.054	.00074	.00047	.00055	.00001	.00025	.00014
%RSD	.10340	127.67	2.5754	.12593	.14111	3.1462	50.962
#1	52.577	.00110	.01790	.43482	.00831	.00779	-.00036
#2	52.500	.00006	.01856	.43405	.00829	.00815	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.182	.06339	.01718	.04930	59.447	.03049	.05309
SDev	.035	.00001	.00013	.00017	.062	.00009	.00102
%RSD	.13416	.02000	.75974	.34593	.10376	.30521	1.9147
#1	26.207	.06339	.01727	.04942	59.491	.03056	.05381
#2	26.157	.06340	.01708	.04918	59.404	.03043	.05237

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	10.835	.91983	.00216	.03776	2.2040	6.5862
SDev	.00036	.010	.00095	.00006	.00024	.0264	.0056
%RSD	46.363	.09322	.10291	2.8865	.64846	1.1998	.08541
#1	.00052	10.843	.92050	.00211	.03793	2.2227	6.5901
#2	.00103	10.828	.91916	.00220	.03758	2.1853	6.5822

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00146	14.909	14.106	.18038	-.01070	.02916	.13635
SDev	.00049	.069	.001	.00027	.00167	.00136	.00016
%RSD	33.878	.46056	.00389	.15036	15.577	4.6473	.11706
#1	-.00181	14.860	14.106	.18057	-.00952	.02821	.13647
#2	-.00111	14.957	14.106	.18019	-.01188	.03012	.13624

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13739	.07862	.05315	.05306	-.00206	.00220
SDev	.00022	.00004	.00012	.00146	.00233	.00062
%RSD	.15753	.05539	.22448	2.7611	113.10	28.295
#1	.13754	.07859	.05323	.05410	-.00370	.00264
#2	.13723	.07865	.05306	.05202	-.00041	.00176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	41280	--	--	--	--	--	--
SDev	267.2864	--	--	--	--	--	--
%RSD	.6474960	--	--	--	--	--	--

#1	41091	--	--	--	--	--	--
#2	41469	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-5-c ms Operator: SRP
Run Time: 02/24/12 09:46:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.11	.39604	.92178	2.0828	.48717	.64038	.42419
SDev	.19	.00099	.00081	.0019	.00065	.00152	.00006
%RSD	.18624	.25090	.08807	.09247	.13366	.23653	.01484
#1	100.98	.39534	.92236	2.0814	.48671	.63931	.42414
#2	101.25	.39675	.92121	2.0841	.48763	.64145	.42423

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.621	1.0157	1.0895	.99480	114.29	.47530	1.3715
SDev	.039	.0019	.0003	.00071	.04	.00067	.0008
%RSD	.10838	.18331	.02956	.07164	.03234	.14163	.05814
#1	35.594	1.0144	1.0893	.99430	114.26	.47483	1.3720
#2	35.648	1.0171	1.0897	.99531	114.32	.47578	1.3709

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.84343	22.507	14.449	.84902	.94755	12.913	7.2681
SDev	.00301	.042	.010	.00363	.00051	.005	.0184
%RSD	.35736	.18798	.06643	.42723	.05415	.03580	.25291
#1	.84130	22.477	14.442	.84645	.94719	12.910	7.2551
#2	.84557	22.537	14.456	.85158	.94791	12.916	7.2811

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45187	24.336	23.550	.66390	.80634	.89392	.52530
SDev	.00002	.026	.053	.00041	.00124	.00149	.00053
%RSD	.00402	.10485	.22598	.06131	.15368	.16714	.10065
#1	.45189	24.318	23.512	.66361	.80722	.89286	.52492
#2	.45186	24.354	23.587	.66418	.80547	.89498	.52567

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1895	.97394	1.3932	1.3606	.84359	.84336
SDev	.0023	.00002	.0093	.0035	.00034	.00435
%RSD	.19694	.00175	.66770	.25393	.04033	.51592
#1	1.1878	.97395	1.3997	1.3582	.84335	.84028
#2	1.1911	.97393	1.3866	1.3631	.84383	.84643

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42145	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.2315357	--	--	--	--	--	--
#1	42076	--	--	--	--	--	--
#2	42214	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-5-d msd Operator: SRP
Run Time: 02/24/12 09:50:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	106.17	.39901	.90094	1.4182	.50171	.64081	.43624
SDev	.53	.00050	.00023	.0025	.00015	.00178	.00030
%RSD	.49698	.12458	.02545	.17639	.02954	.27735	.06887
#1	106.54	.39865	.90111	1.4200	.50160	.64206	.43645
#2	105.79	.39936	.90078	1.4165	.50181	.63955	.43603

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.043	1.0457	.98039	1.0015	89.616	.48855	1.0028
SDev	.017	.0003	.00007	.0032	.097	.00195	.0031
%RSD	.04839	.03313	.00678	.31957	.10788	.39946	.31398
#1	36.056	1.0455	.98044	1.0037	89.685	.48993	1.0005
#2	36.031	1.0460	.98035	.99921	89.548	.48717	1.0050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86935	22.885	2.7417	.86418	.94278	13.401	7.6868
SDev	.00062	.010	.0008	.00080	.00185	.062	.0247
%RSD	.07175	.04574	.02881	.09244	.19567	.46636	.32179
#1	.86891	22.893	2.7423	.86475	.94409	13.446	7.7043
#2	.86979	22.878	2.7412	.86362	.94148	13.357	7.6693

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46663	24.477	23.736	.64945	.85122	.91155	.50340
SDev	.00115	.277	.184	.00090	.00347	.00147	.00017
%RSD	.24575	1.1304	.77564	.13798	.40712	.16134	.03411
#1	.46744	24.672	23.866	.65009	.85367	.91259	.50352
#2	.46582	24.281	23.606	.64882	.84877	.91051	.50328

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1109	1.0068	1.0214	.99343	.87649	.86578
SDev	.0005	.0014	.0006	.00441	.00161	.00174
%RSD	.04690	.14326	.06133	.44386	.18348	.20094
#1	1.1112	1.0078	1.0209	.99031	.87763	.86455

#2	1.1105	1.0058	1.0218	.99655	.87536	.86701

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41413	--	--	--	--	--	--
SDev	22.62742	--	--	--	--	--	--
%RSD	.0546384	--	--	--	--	--	--
#1	41429	--	--	--	--	--	--
#2	41397	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-6-a Operator: SRP
Run Time: 02/24/12 09:54:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.7811	.00372	.00845	.09183	.00116	.00313	.00014
SDev	.0622	.00034	.00092	.00009	.00001	.00061	.00003
%RSD	.70870	9.2815	10.894	.09825	.60602	19.475	17.828
#1	8.7371	.00348	.00910	.09177	.00116	.00356	.00016
#2	8.8251	.00396	.00780	.09190	.00115	.00270	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3115	.02424	.00651	.01194	17.074	.00237	.01919
SDev	.0026	.00026	.00005	.00027	.058	.00004	.00050
%RSD	.19906	1.0669	.81699	2.2581	.34158	1.8113	2.5917
#1	1.3097	.02442	.00655	.01213	17.033	.00234	.01955
#2	1.3134	.02405	.00648	.01175	17.115	.00240	.01884

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00263	.61203	.36206	.00372	.00644	.64698	3.4241
SDev	.00259	.00271	.00121	.00055	.00023	.02095	.0111
%RSD	98.532	.44327	.33343	14.733	3.6299	3.2387	.32312
#1	.00446	.61011	.36120	.00410	.00661	.63216	3.4162
#2	.00080	.61395	.36291	.00333	.00628	.66179	3.4319

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	-.05553	.12892	.00800	.00023	.02897	.21961
SDev	.00035	.02490	.00166	.00001	.00413	.00026	.00049
%RSD	63.020	44.853	1.2854	.08731	1830.5	.91087	.22112
#1	-.00080	-.03792	.12775	.00800	.00315	.02878	.21926
#2	-.00031	-.07314	.13009	.00800	-.00270	.02916	.21995

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05046	.02759	.01994	.01882	.00205	.00292

SDev	.00002	.00017	.00103	.00023	.00491	.00143
%RSD	.02980	.61775	5.1795	1.2208	239.42	49.018

#1	.05047	.02747	.02067	.01898	.00553	.00393
#2	.05044	.02771	.01921	.01866	-.00142	.00191

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39598	--	--	--	--	--	--
SDev	130.1077	--	--	--	--	--	--
%RSD	.3285713	--	--	--	--	--	--
#1	39690	--	--	--	--	--	--
#2	39506	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-7-a Operator: SRP
Run Time: 02/24/12 09:58:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.925	.00224	.01058	.14546	.00187	.00320	-.00016
SDev	.095	.00126	.00160	.00014	.00001	.00020	.00012
%RSD	.68554	56.477	15.119	.09387	.29903	6.2380	78.421
#1	13.857	.00134	.01171	.14556	.00187	.00305	-.00007
#2	13.992	.00313	.00945	.14536	.00186	.00334	-.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5351	.03500	.01658	.01827	26.702	.00347	.02967
SDev	.0049	.00028	.00007	.00019	.074	.00002	.00012
%RSD	.19163	.81169	.43359	1.0267	.27721	.55891	.41574
#1	2.5385	.03520	.01663	.01814	26.754	.00349	.02976
#2	2.5316	.03480	.01653	.01840	26.650	.00346	.02958

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	1.2364	.70878	.00357	.01004	1.2021	4.2100
SDev	.00128	.0035	.00159	.00014	.00008	.0214	.0128
%RSD	72.378	.28049	.22468	3.7811	.78062	1.7776	.30316
#1	.00086	1.2388	.70991	.00366	.01010	1.2173	4.2010
#2	.00267	1.2339	.70766	.00347	.00999	1.1870	4.2190

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00074	-.14675	.17143	.01701	-.00514	.02940	.28397
SDev	.00034	.19041	.00097	.00001	.00106	.00047	.00077
%RSD	46.445	129.75	.56583	.08245	20.588	1.5963	.27217
#1	-.00050	-.01211	.17074	.01702	-.00589	.02973	.28452
#2	-.00098	-.28139	.17212	.01700	-.00439	.02907	.28343

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07408	.04275	.02984	.02959	-.00312	.00421
SDev	.00021	.00009	.00059	.00011	.00376	.00003
%RSD	.28711	.21120	1.9604	.36321	120.35	.82316

#1	.07423	.04269	.03025	.02951	-.00578	.00418	
#2	.07393	.04281	.02943	.02966	-.00047	.00423	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39604	--	--	--	--	--	--
SDev	238.2950	--	--	--	--	--	--
%RSD	.6016867	--	--	--	--	--	--
#1	39436	--	--	--	--	--	--
#2	39773	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-8-a Operator: SRP
Run Time: 02/24/12 10:02:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.620	.00376	.01046	.25590	.00275	.00496	-.00022
SDev	.049	.00161	.00131	.00009	.00000	.00054	.00009
%RSD	.14602	42.927	12.490	.03513	.06313	10.976	41.135
#1	33.585	.00262	.00953	.25584	.00274	.00534	-.00029
#2	33.655	.00490	.01138	.25597	.00275	.00458	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4796	.04297	.01047	.02443	30.733	.00761	.04209
SDev	.0021	.00006	.00043	.00005	.039	.00002	.00107
%RSD	.06050	.12773	4.1499	.19625	.12538	.30994	2.5370
#1	3.4782	.04301	.01016	.02440	30.705	.00763	.04133
#2	3.4811	.04293	.01077	.02447	30.760	.00760	.04284

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	3.2669	.33217	.00461	.01466	2.1587	6.1002
SDev	.00111	.0017	.00021	.00015	.00012	.0023	.0093
%RSD	46.687	.05166	.06249	3.1369	.82493	.10617	.15255
#1	.00315	3.2657	.33202	.00451	.01475	2.1603	6.0936
#2	.00159	3.2681	.33231	.00471	.01458	2.1571	6.1068

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00127	-.07437	.13949	.03474	-.00503	.03179	.28236
SDev	.00051	.08614	.00041	.00001	.00159	.00021	.00014

%RSD	40.045	115.83	.29594	.02569	31.695	.65155	.05048
#1	-.00163	-.13529	.13978	.03474	-.00390	.03164	.28246
#2	-.00091	-.01346	.13920	.03473	-.00615	.03193	.28226

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08942	.05054	.04146	.04240	-.00337	.00524
SDev	.00003	.00013	.00074	.00123	.00269	.00031

%RSD	.03006	.25021	1.7858	2.9042	79.933	5.9478
#1	.08944	.05045	.04093	.04153	-.00147	.00546
#2	.08940	.05063	.04198	.04327	-.00528	.00502

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41054	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.0947299	--	--	--	--	--	--
#1	41027	--	--	--	--	--	--
#2	41082	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-9-a Operator: SRP
Run Time: 02/24/12 10:05:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.832	.00251	.02108	.22479	.00401	.00286	-.00025
SDev	1.047	.00006	.00067	.00675	.00010	.00020	.00000
%RSD	3.0937	2.3026	3.1873	3.0021	2.5411	7.0706	.63234
#1	34.572	.00255	.02061	.22957	.00408	.00300	-.00026
#2	33.092	.00247	.02156	.22002	.00394	.00272	-.00025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7344	.05312	.01603	.02538	57.721	.00722	.04128
SDev	.0813	.00185	.00063	.00100	1.730	.00039	.00052
%RSD	2.9735	3.4788	3.9462	3.9237	2.9978	5.4486	1.2521
#1	2.7919	.05443	.01648	.02608	58.945	.00749	.04165
#2	2.6769	.05181	.01559	.02467	56.498	.00694	.04092

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00398	2.6675	.56133	.00397	.01674	1.6540	5.3622
SDev	.00139	.0915	.01632	.00123	.00114	.1457	.1584
%RSD	34.957	3.4317	2.9067	30.982	6.8326	8.8078	2.9540
#1	.00300	2.7323	.57287	.00484	.01754	1.7570	5.4742
#2	.00496	2.6028	.54980	.00310	.01593	1.5510	5.2502

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	-.09933	.17057	.02587	-.01012	.02831	.26565
SDev	.00026	.00095	.01203	.00077	.00127	.00040	.00773
%RSD	39.489	.95661	7.0543	2.9958	12.586	1.3950	2.9115
#1	-.00083	-.10000	.17908	.02641	-.00922	.02859	.27112
#2	-.00047	-.09866	.16207	.02532	-.01102	.02803	.26018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12900	.05707	.03984	.04200	-.00318	.00756

SDev	.00371	.00171	.00128	.00013	.00150	.00284
%RSD	2.8743	2.9997	3.2231	.31733	47.238	37.541
#1	.13162	.05828	.04075	.04210	-.00212	.00555
#2	.12638	.05586	.03893	.04191	-.00424	.00957

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41680	--	--	--	--	--	--
SDev	1088.237	--	--	--	--	--	--
%RSD	2.610903	--	--	--	--	--	--
#1	40911	--	--	--	--	--	--
#2	42450	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-10-a Operator: SRP
Run Time: 02/24/12 10:09:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.206	.00229	.01403	.65207	.00698	.00581	-.00040
SDev	.022	.00021	.00005	.00012	.00001	.00071	.00002
%RSD	.04360	9.2674	.35165	.01767	.08289	12.188	5.9079
#1	51.191	.00244	.01407	.65199	.00697	.00631	-.00038
#2	51.222	.00214	.01400	.65215	.00698	.00531	-.00042

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.3463	.06545	.03815	.04033	41.027	.01719	.05703
SDev	.0024	.00031	.00007	.00009	.024	.00006	.00046
%RSD	.02895	.47110	.19095	.21202	.05732	.35863	.80290
#1	8.3446	.06567	.03820	.04027	41.010	.01715	.05671
#2	8.3480	.06523	.03810	.04039	41.043	.01724	.05735

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00408	5.0117	.13846	.00304	.03206	1.6589	7.0820
SDev	.00331	.0090	.00002	.00008	.00037	.0251	.0043
%RSD	81.208	.17929	.01691	2.5774	1.1554	1.5152	.06109

#1	.00642	5.0054	.13847	.00310	.03232	1.6411	7.0790
#2	.00174	5.0181	.13844	.00299	.03180	1.6767	7.0851

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00246	2.3406	2.4378	.08805	-.01032	.02761	.22299
SDev	.00013	.0890	.0011	.00007	.00388	.00100	.00018
%RSD	5.3127	3.8035	.04313	.07515	37.623	3.6043	.08104
#1	-.00255	2.2776	2.4371	.08800	-.00758	.02690	.22286
#2	-.00236	2.4035	2.4385	.08810	-.01307	.02831	.22311

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.11826	.06511	.05444	.05832	.00058	.00583
SDev	.00004	.00007	.00042	.00089	.00438	.00278
%RSD	.03689	.10814	.76231	1.5334	754.93	47.699
#1	.11822	.06516	.05473	.05769	.00368	.00780
#2	.11829	.06506	.05415	.05896	-.00252	.00386

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42686	--	--	--	--	--	--
SDev	172.5341	--	--	--	--	--	--
%RSD	.4041936	--	--	--	--	--	--
#1	42808	--	--	--	--	--	--
#2	42564	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-11-a Operator: SRP
Run Time: 02/24/12 10:13:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.139	.00335	.00982	.18213	.00339	.00408	-.00021
SDev	.467	.00061	.00070	.00200	.00003	.00005	.00001
%RSD	1.4094	18.136	7.0981	1.0965	.98751	1.1049	5.2338
#1	32.808	.00292	.00933	.18072	.00336	.00405	-.00021
#2	33.469	.00378	.01031	.18354	.00341	.00411	-.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9852	.06080	.01211	.02145	28.477	.00924	.03863
SDev	.0485	.00031	.00019	.00020	.275	.00013	.00016
%RSD	.97218	.50790	1.5818	.93900	.96603	1.4154	.40525
#1	4.9510	.06058	.01197	.02131	28.283	.00914	.03852
#2	5.0195	.06102	.01225	.02159	28.672	.00933	.03874

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	2.4964	.09438	.00875	.01629	1.3453	6.2894
SDev	.00072	.0302	.00095	.00000	.00047	.0321	.0715
%RSD	53.233	1.2116	1.0107	.04953	2.8926	2.3859	1.1366
#1	.00187	2.4750	.09371	.00876	.01595	1.3226	6.2388
#2	.00085	2.5177	.09506	.00875	.01662	1.3680	6.3399

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00133	.72535	.86321	.04650	-.00631	.03011	.18752
SDev	.00003	.01992	.01312	.00052	.00126	.00059	.00195
%RSD	2.4111	2.7459	1.5203	1.1084	19.918	1.9713	1.0389
#1	-.00136	.71126	.85393	.04614	-.00720	.03053	.18614
#2	-.00131	.73943	.87249	.04686	-.00542	.02969	.18889

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06404	.05843	.03777	.03906	.00098	.00155
SDev	.00075	.00086	.00103	.00075	.00115	.00051
%RSD	1.1643	1.4663	2.7243	1.9186	117.89	32.790
#1	.06351	.05783	.03850	.03853	.00180	.00191
#2	.06456	.05904	.03705	.03959	.00016	.00119

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40135	--	--	--	--	--	--
SDev	251.7300	--	--	--	--	--	--
%RSD	.6272082	--	--	--	--	--	--
#1	40313	--	--	--	--	--	--
#2	39957	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-12-a Operator: SRP
Run Time: 02/24/12 10:17:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.042	.00076	.01277	.36158	.00418	.00374	-.00021
SDev	.134	.00174	.00148	.00056	.00001	.00002	.00008
%RSD	.36229	229.55	11.576	.15639	.21552	.50474	36.851
#1	36.947	-.00047	.01172	.36118	.00417	.00376	-.00016
#2	37.137	.00199	.01381	.36198	.00418	.00373	-.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6558	.04333	.02083	.02520	39.465	.01070	.04757
SDev	.0039	.00021	.00009	.00021	.027	.00004	.00056
%RSD	.10680	.47585	.41474	.85033	.06749	.41413	1.1801

#1	3.6531	.04318	.02077	.02505	39.446	.01067	.04797
#2	3.6586	.04347	.02089	.02535	39.484	.01073	.04717

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	2.7738	.79239	.00200	.02110	1.9744	5.9422
SDev	.00059	.0059	.00105	.00049	.00008	.0195	.0152
%RSD	34.958	.21275	.13290	24.650	.36164	.98648	.25579
#1	.00126	2.7696	.79165	.00165	.02104	1.9606	5.9315
#2	.00209	2.7780	.79314	.00234	.02115	1.9882	5.9530

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	.11222	.35453	.03968	-.00571	.02887	.27811
SDev	.00042	.09568	.00106	.00005	.00024	.00009	.00035
%RSD	41.553	85.262	.29853	.11776	4.2730	.32719	.12460
#1	-.00131	.04456	.35378	.03965	-.00588	.02894	.27787
#2	-.00072	.17987	.35528	.03972	-.00554	.02881	.27836

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10886	.05415	.04674	.04799	-.00390	.00446
SDev	.00023	.00019	.00096	.00036	.00046	.00065
%RSD	.21050	.35074	2.0431	.75985	11.878	14.514
#1	.10870	.05401	.04741	.04825	-.00423	.00401
#2	.10903	.05428	.04606	.04773	-.00357	.00492

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40720	--	--	--	--	--	--
SDev	126.5721	--	--	--	--	--	--
%RSD	.3108314	--	--	--	--	--	--
#1	40810	--	--	--	--	--	--
#2	40631	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 10:21:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4934	.47816	.49438	.46666	.53152	.48506	.48176
SDev	.0133	.00473	.00487	.00186	.00288	.00135	.00251
%RSD	.53512	.98967	.98578	.39789	.54267	.27739	.52163
#1	2.5028	.48150	.49782	.46797	.53356	.48602	.48354
#2	2.4840	.47481	.49093	.46535	.52948	.48411	.47998

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.818	.51269	.51347	.51374	2.5343	.45318	.50002
SDev	.071	.00314	.00236	.00165	.0175	.00159	.00206
%RSD	.55430	.61299	.45951	.32039	.69151	.34975	.41276
#1	12.868	.51491	.51513	.51491	2.5467	.45430	.50148
#2	12.768	.51047	.51180	.51258	2.5219	.45206	.49856

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51190	5.1765	.49975	.49790	.48708	11.754	.99657
SDev	.00362	.0269	.00266	.00097	.00215	.050	.00609
%RSD	.70799	.51924	.53200	.19495	.44047	.42665	.61100
#1	.50934	5.1955	.50163	.49859	.48860	11.790	1.0009
#2	.51447	5.1575	.49787	.49721	.48557	11.719	.99226

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24710	12.324	11.857	.23496	.46930	.52182	.50896
SDev	.00020	.003	.010	.00106	.00002	.00042	.00233
%RSD	.07965	.02164	.08497	.45301	.00486	.08151	.45855

#1	.24724	12.326	11.850	.23571	.46929	.52152	.51061
#2	.24696	12.323	11.864	.23421	.46932	.52213	.50731

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51183	.49444	.50770	.49618	.51426	.51078
SDev	.00327	.00253	.00436	.00091	.00087	.00587
%RSD	.63787	.51111	.85941	.18426	.16881	1.1492
#1	.51414	.49623	.51079	.49683	.51488	.50663
#2	.50952	.49266	.50462	.49554	.51365	.51493

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38476	--	--	--	--	--	--
SDev	283.5498	--	--	--	--	--	--
%RSD	.7369620	--	--	--	--	--	--
#1	38275	--	--	--	--	--	--
#2	38676	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 10:25:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02104	.00155	-.00125	.00024	.00053	.00201	.00024
SDev	.00054	.00015	.00134	.00000	.00000	.00067	.00011

%RSD	2.5673	9.8475	106.74	.67422	.26720	33.119	47.055
#1	-.02142	.00144	-.00220	.00024	.00053	.00249	.00016
#2	-.02066	.00166	-.00031	.00024	.00053	.00154	.00031

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02101	.00038	-.00008	.00124	-.01660	.00004	-.00033
SDev	.00015	.00012	.00008	.00006	.00074	.00004	.00004
%RSD	.72920	30.931	103.55	5.0267	4.4767	83.493	10.802
#1	.02090	.00047	-.00002	.00120	-.01713	.00002	-.00035
#2	.02112	.00030	-.00013	.00128	-.01608	.00007	-.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00300	-.00050	.00023	.00209	.00018	-.06568	.00511
SDev	.00186	.00261	.00002	.00147	.00003	.02260	.00096
%RSD	61.999	526.11	8.5029	70.260	15.682	34.409	18.739
#1	.00169	-.00235	.00021	.00313	.00020	-.08166	.00443
#2	.00432	.00135	.00024	.00105	.00016	-.04970	.00578

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	-.09497	-.00013	.00010	.00071	-.00067	.00029
SDev	.00014	.07299	.00105	.00002	.00284	.00066	.00002

%RSD	60.335	76.859	796.98	15.162	403.36	98.095	7.1585
#1	.00032	-.04335	-.00088	.00009	.00272	-.00020	.00028
#2	.00013	-.14658	.00061	.00011	-.00131	-.00113	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00006	-.00161	.00032	.00399	.00251
SDev	.00023	.00005	.00186	.00098	.00235	.00161
%RSD	69.730	80.942	115.29	310.84	59.011	64.374
#1	.00016	.00010	-.00030	-.00038	.00232	.00137
#2	.00048	.00003	-.00293	.00101	.00565	.00365

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38662	--	--	--	--	--	--
SDev	197.9899	--	--	--	--	--	--
%RSD	.5121046	--	--	--	--	--	--
#1	38802	--	--	--	--	--	--
#2	38522	--	--	--	--	--	--

Analysis Report 02/24/12 10:33:46 AM page 1

Method: 20076010 Sample Name: 600-50963-a-13-a Operator: SRP
Run Time: 02/24/12 10:29:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.929	.00232	.01627	.89118	.00396	.00607	-.00020
SDev	.174	.00015	.00023	.00131	.00002	.00002	.00012
%RSD	.36206	6.5259	1.4360	.14667	.41209	.24956	59.903
#1	48.051	.00243	.01643	.89210	.00397	.00608	-.00011
#2	47.806	.00222	.01610	.89025	.00395	.00606	-.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.837	.06953	.01494	.03090	30.616	.00935	.06293
SDev	.032	.00009	.00034	.00001	.122	.00011	.00049
%RSD	.29972	.12614	2.3005	.01769	.39945	1.1472	.78682
#1	10.860	.06959	.01519	.03091	30.702	.00943	.06258
#2	10.814	.06947	.01470	.03090	30.530	.00928	.06328

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	5.4163	.05185	.00407	.02275	2.2007	7.0195
SDev	.00148	.0257	.00022	.00045	.00039	.0458	.0207
%RSD	92.067	.47463	.42355	11.003	1.7069	2.0795	.29494
#1	.00265	5.4345	.05201	.00439	.02302	2.2330	7.0342
#2	.00056	5.3981	.05170	.00375	.02247	2.1683	7.0049

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00155	1.4029	1.4010	.10757	-.00666	.02835	.23001

SDev	.00076	.0780	.0006	.00018	.00134	.00081	.00041
%RSD	48.859	5.5565	.04367	.16892	20.103	2.8542	.17846
#1	-.00101	1.4580	1.4015	.10770	-.00571	.02892	.23030
#2	-.00208	1.3478	1.4006	.10745	-.00760	.02778	.22972

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14726	.05654	.06145	.06367	-.00084	.00283
SDev	.00056	.00008	.00123	.00136	.00097	.00173
%RSD	.37970	.13377	2.0035	2.1335	115.19	61.201
#1	.14765	.05659	.06232	.06271	-.00016	.00405
#2	.14686	.05649	.06058	.06463	-.00153	.00160

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41236	--	--	--	--	--	--
SDev	453.9626	--	--	--	--	--	--
%RSD	1.100889	--	--	--	--	--	--

#1	40915	--	--	--	--	--	--
#2	41557	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-14-a Operator: SRP
Run Time: 02/24/12 10:33:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.364	.00197	.01264	.42117	.00336	.00536	-.00009
SDev	.078	.00044	.00092	.00018	.00001	.00033	.00012
%RSD	.24101	22.253	7.2678	.04182	.18671	6.1431	132.35
#1	32.419	.00166	.01199	.42129	.00337	.00513	-.00018
#2	32.308	.00228	.01329	.42104	.00336	.00559	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.339	.04234	.02174	.03281	35.198	.01085	.05863
SDev	.022	.00011	.00006	.00050	.031	.00006	.00047
%RSD	.11020	.26759	.29626	1.5237	.08714	.58722	.79369
#1	20.355	.04242	.02178	.03246	35.220	.01089	.05896
#2	20.323	.04226	.02169	.03317	35.177	.01080	.05831

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00366	2.8994	.93616	.00212	.01874	1.7707	5.8290
SDev	.00225	.0070	.00046	.00022	.00019	.0258	.0089
%RSD	61.473	.24181	.04932	10.272	1.0061	1.4561	.15257
#1	.00207	2.9043	.93649	.00227	.01861	1.7889	5.8353
#2	.00524	2.8944	.93583	.00196	.01888	1.7525	5.8227

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	.69136	.81459	.08488	-.00695	.02859	.28713
SDev	.00033	.01016	.00307	.00002	.00076	.00085	.00033
%RSD	44.737	1.4701	.37660	.02533	10.913	2.9673	.11611
#1	-.00096	.69855	.81676	.08486	-.00748	.02919	.28737
#2	-.00050	.68418	.81242	.08489	-.00641	.02799	.28690

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11085	.06047	.05827	.05882	-.00125	.00611
SDev	.00020	.00004	.00132	.00004	.00225	.00449
%RSD	.17945	.07041	2.2613	.06679	179.13	73.544
#1	.11099	.06050	.05920	.05885	.00033	.00293
#2	.11071	.06044	.05734	.05879	-.00284	.00929

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 02/24/12 10:37:38 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40714	--	--	--	--	--	--
SDev	260.2153	--	--	--	--	--	--
%RSD	.6391298	--	--	--	--	--	--
#1	40530	--	--	--	--	--	--
#2	40898	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-15-a Operator: SRP
Run Time: 02/24/12 10:37:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.252	.00123	.02758	.27345	.00490	.00278	-.00024
SDev	.199	.00123	.00003	.00048	.00001	.00008	.00000
%RSD	.55006	100.19	.12062	.17624	.24119	3.0040	.48844
#1	36.393	.00036	.02760	.27379	.00489	.00272	-.00024
#2	36.111	.00211	.02756	.27311	.00491	.00284	-.00024

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2941	.04085	.04020	.02442	65.634	.01098	.10995
SDev	.0028	.00019	.00017	.00000	.005	.00000	.00005
%RSD	.05277	.46380	.41215	.00458	.00758	.00368	.04830
#1	5.2921	.04072	.04009	.02442	65.630	.01098	.10991
#2	5.2960	.04098	.04032	.02442	65.637	.01098	.10998

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00730	3.2418	.97855	.00324	.01952	1.5844	6.1692
SDev	.00126	.0108	.00088	.00053	.00060	.0176	.0152
%RSD	17.288	.33282	.08991	16.369	3.0501	1.1100	.24566
#1	.00641	3.2342	.97793	.00361	.01910	1.5719	6.1800
#2	.00819	3.2494	.97917	.00286	.01994	1.5968	6.1585

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	1.4312	1.4122	.04782	-.01137	.02955	.24325
SDev	.00040	.0137	.0138	.00002	.00291	.00073	.00028
%RSD	109.62	.95987	.97586	.04127	25.561	2.4589	.11356
#1	-.00065	1.4215	1.4220	.04783	-.00931	.03006	.24305
#2	-.00008	1.4409	1.4025	.04780	-.01342	.02903	.24344

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12264	.06278	.11254	.10865	.00332	.00929
SDev	.00027	.00008	.00269	.00143	.00386	.00382
%RSD	.21665	.12799	2.3939	1.3131	116.41	41.170
#1	.12246	.06273	.11444	.10764	.00605	.00658

#2	.12283	.06284	.11063	.10966	.00059	.01199

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40931	--	--	--	--	--	--
SDev	147.0782	--	--	--	--	--	--
%RSD	.3593321	--	--	--	--	--	--
#1	41035	--	--	--	--	--	--
#2	40827	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-16-a Operator: SRP
Run Time: 02/24/12 10:41:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.078	.00216	.01233	.17420	.00582	.00373	-.00034
SDev	.117	.00190	.00103	.00013	.00001	.00035	.00003
%RSD	.24421	87.907	8.3497	.07421	.08148	9.4003	7.9725
#1	47.995	.00351	.01306	.17411	.00581	.00397	-.00035
#2	48.161	.00082	.01161	.17429	.00582	.00348	-.00032

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9004	.05783	.02786	.02612	41.943	.01406	.06773
SDev	.0063	.00003	.00004	.00031	.025	.00002	.00024
%RSD	.07030	.05847	.15511	1.1774	.05857	.11598	.35594
#1	8.8960	.05780	.02789	.02633	41.926	.01405	.06756
#2	8.9049	.05785	.02783	.02590	41.960	.01408	.06790

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	4.2998	.13832	.00244	.02814	1.7710	6.9032
SDev	.00077	.0040	.00001	.00049	.00022	.0077	.0099
%RSD	82.682	.09357	.01013	20.286	.77762	.43488	.14339
#1	.00039	4.2970	.13831	.00209	.02799	1.7655	6.8962

#2	.00149	4.3026	.13833	.00279	.02830	1.7764	6.9102

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00185	5.0532	4.9444	.08493	-.00741	.03025	.25276
SDev	.00002	.0749	.0164	.00003	.00177	.00090	.00021
%RSD	1.1348	1.4829	.33095	.03378	23.845	2.9760	.08302
#1	-.00184	5.1062	4.9328	.08491	-.00616	.03089	.25261
#2	-.00187	5.0003	4.9560	.08495	-.00866	.02962	.25291

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12980	.06794	.06677	.06821	-.00315	.00298

SDev	.00004	.00029	.00068	.00070	.00551	.00392
%RSD	.02887	.42442	1.0241	1.0314	175.09	131.47
#1	.12983	.06774	.06725	.06771	.00075	.00021
#2	.12977	.06814	.06629	.06871	-.00704	.00575

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41693	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0101759	--	--	--	--	--	--
#1	41696	--	--	--	--	--	--
#2	41690	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-17-a Operator: SRP
Run Time: 02/24/12 10:45:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.594	.00336	.01902	.22733	.00465	.00372	-.00015
SDev	.053	.00060	.00092	.00078	.00002	.00027	.00016
%RSD	.14435	17.879	4.8366	.34513	.50377	7.2543	109.57
#1	36.631	.00378	.01967	.22788	.00467	.00391	-.00026
#2	36.557	.00293	.01837	.22677	.00463	.00353	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.2906	.05084	.01055	.02271	39.912	.00917	.04631
SDev	.0253	.00031	.00006	.00053	.152	.00003	.00015
%RSD	.34768	.60409	.56498	2.3432	.37974	.27832	.33414
#1	7.3085	.05106	.01059	.02308	40.019	.00919	.04642
#2	7.2727	.05063	.01051	.02233	39.805	.00915	.04620

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00329	3.7947	.24578	.00461	.01846	1.7202	6.6327
SDev	.00016	.0148	.00092	.00012	.00018	.0081	.0168
%RSD	4.8185	.39132	.37505	2.5502	.98373	.47289	.25327

#1	.00318	3.8052	.24644	.00470	.01833	1.7259	6.6445
#2	.00340	3.7842	.24513	.00453	.01859	1.7144	6.6208

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00118	.35345	.51189	.05467	-.00558	.02962	.22359
SDev	.00019	.03019	.00168	.00018	.00059	.00003	.00097
%RSD	16.361	8.5414	.32786	.33882	10.585	.09099	.43392
#1	-.00132	.33211	.51070	.05480	-.00599	.02964	.22427
#2	-.00104	.37480	.51307	.05454	-.00516	.02960	.22290

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13667	.06516	.04598	.04648	-.00051	.00519
SDev	.00046	.00026	.00033	.00007	.00003	.00026
%RSD	.33453	.40506	.72045	.14304	6.9240	4.9211
#1	.13700	.06535	.04622	.04652	-.00048	.00501
#2	.13635	.06497	.04575	.04643	-.00053	.00537

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40772	--	--	--	--	--	--
SDev	51.61879	--	--	--	--	--	--
%RSD	.1266020	--	--	--	--	--	--
#1	40736	--	--	--	--	--	--
#2	40809	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50963-a-18-a Operator: SRP
Run Time: 02/24/12 10:49:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.372	.00183	.01417	.30085	.00262	.00464	-.00016
SDev	.070	.00012	.00013	.00101	.00001	.00003	.00003
%RSD	.29973	6.6101	.91324	.33706	.31666	.68947	21.667
#1	23.421	.00175	.01407	.30157	.00263	.00462	-.00013
#2	23.322	.00192	.01426	.30013	.00262	.00467	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.7948	.04507	.02535	.02727	34.514	.00520	.05417
SDev	.0316	.00006	.00006	.00002	.137	.00008	.00059
%RSD	.40565	.14352	.23463	.05375	.39724	1.5135	1.0817
#1	7.8171	.04511	.02539	.02728	34.611	.00526	.05458
#2	7.7724	.04502	.02530	.02726	34.417	.00515	.05375

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00391	1.6914	1.4226	.00218	.01376	1.6498	5.1514
SDev	.00025	.0124	.0058	.00044	.00002	.0360	.0197
%RSD	6.3951	.73302	.40566	20.250	.13866	2.1804	.38321

#1	.00374	1.7001	1.4266	.00187	.01377	1.6752	5.1654
#2	.00409	1.6826	1.4185	.00249	.01374	1.6243	5.1375

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00110	1.3018	1.4003	.04234	-.00988	.02913	.25785
SDev	.00006	.0638	.0055	.00010	.00237	.00062	.00090

Analysis Report 02/24/12 10:53:02 AM page 7

%RSD	5.0530	4.8977	.39454	.23975	23.973	2.1191	.34801
#1	-.00114	1.3469	1.4042	.04242	-.00821	.02956	.25848
#2	-.00106	1.2567	1.3964	.04227	-.01156	.02869	.25721

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12391	.05886	.05454	.05398	.00074	.00550
SDev	.00049	.00006	.00067	.00121	.00263	.00094
%RSD	.39751	.09937	1.2229	2.2461	355.62	17.057
#1	.12426	.05890	.05407	.05483	-.00112	.00616
#2	.12356	.05882	.05501	.05312	.00260	.00484

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40060	--	--	--	--	--	--
SDev	328.8047	--	--	--	--	--	--
%RSD	.8207907	--	--	--	--	--	--
#1	39827	--	--	--	--	--	--
#2	40292	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50964-a-1-a Operator: SRP
Run Time: 02/24/12 10:53:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	218.66	.05356	.20975	1.5178	.01471	.08318	.03571
SDev	1.76	.00701	.00128	.0111	.00011	.00159	.00005
%RSD	.80643	13.085	.60783	.72891	.74871	1.9094	.14293
#1	217.41	.04860	.20885	1.5100	.01463	.08206	.03567
#2	219.91	.05851	.21066	1.5257	.01479	.08431	.03574

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	929.62	.32281	.11049	.51346	231.89	.11200	3.6556
SDev	5.66	.00228	.00026	.00396	1.79	.00096	.0254
%RSD	.60894	.70718	.23171	.77063	.77110	.85413	.69395
#1	925.62	.32120	.11031	.51067	230.63	.11133	3.6376
#2	933.62	.32443	.11067	.51626	233.16	.11268	3.6735

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01179	36.401	9.1568	.01191	.41611	29.080	11.848
SDev	.00031	.276	.0673	.00038	.00307	.182	.103

%RSD	2.6291	.75724	.73477	3.2309	.73815	.62634	.87227
#1	.01157	36.206	9.1092	.01219	.41393	28.951	11.775
#2	.01201	36.596	9.2044	.01164	.41828	29.208	11.921

Analysis Report 02/24/12 10:56:53 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00106	5.2228	5.7854	3.5607	-.03871	.10955	.30471
SDev	.00069	.0540	.0405	.0247	.00343	.00344	.00280
%RSD	65.338	1.0340	.69969	.69331	8.8495	3.1414	.91891
#1	-.00057	5.2609	5.7567	3.5433	-.03628	.11199	.30273
#2	-.00156	5.1846	5.8140	3.5782	-.04113	.10712	.30669

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97668	1.0206	3.7225	3.6221	.00987	.01275
SDev	.00721	.0076	.0011	.0386	.00798	.00446
%RSD	.73803	.74075	.03065	1.0663	80.842	34.958
#1	.97158	1.0152	3.7233	3.5948	.01552	.00960
#2	.98177	1.0259	3.7217	3.6494	.00423	.01590

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42874	--	--	--	--	--	--
SDev	222.0315	--	--	--	--	--	--
%RSD	.5178699	--	--	--	--	--	--
#1	43031	--	--	--	--	--	--
#2	42717	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50964-a-2-a Operator: SRP
Run Time: 02/24/12 10:56:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	248.73	.01124	.13096	1.6924	.01539	.05263	.01961
SDev	.05	.00198	.00168	.0022	.00001	.00025	.00018
%RSD	.01993	17.570	1.2818	.12952	.06940	.47595	.91116
#1	248.69	.01264	.13215	1.6939	.01539	.05245	.01974
#2	248.76	.00984	.12978	1.6908	.01538	.05280	.01948

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1078.3	.28285	.09295	.26218	207.11	.12109	1.8076
SDev	1.3	.00003	.00005	.00047	.06	.00003	.0075
%RSD	.12462	.01148	.05743	.17743	.02751	.02269	.41569
#1	1077.3	.28283	.09291	.26251	207.15	.12111	1.8023
#2	1079.2	.28288	.09299	.26185	207.07	.12107	1.8129

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00525	34.326	7.7272	.00368	.31447	32.172	10.153

SDev	.00059	.036	.0022	.00070	.00062	.029	.000
%RSD	11.202	.10567	.02867	19.026	.19782	.09018	.00383

#1	.00483	34.301	7.7256	.00418	.31491	32.193	10.154
#2	.00566	34.352	7.7288	.00319	.31403	32.152	10.153

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	.83292	1.0646	2.1349	-.03506	.04967	.24076
SDev	.00026	.09365	.0001	.0014	.00341	.00232	.00019
%RSD	23.327	11.244	.00469	.06625	9.7184	4.6784	.07990
#1	-.00095	.89914	1.0646	2.1359	-.03265	.05132	.24090
#2	-.00132	.76670	1.0646	2.1339	-.03747	.04803	.24062

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82793	.71332	1.8436	1.7896	.00770	.00402
SDev	.00021	.00047	.0110	.0058	.00445	.00134
%RSD	.02487	.06594	.59777	.32190	57.719	33.333
#1	.82779	.71365	1.8358	1.7856	.00456	.00497
#2	.82808	.71298	1.8514	1.7937	.01084	.00307

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43096	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.2264264	--	--	--	--	--	--
#1	43165	--	--	--	--	--	--
#2	43027	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-50963-a-2-a Operator: SRP
Run Time: 02/24/12 11:00:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.878	.85216	.89391	1.1122	.46564	.86188	.41915
SDev	.019	.00389	.00006	.0006	.00030	.00352	.00052
%RSD	.04009	.45674	.00719	.05186	.06483	.40793	.12337
#1	47.864	.84941	.89387	1.1126	.46543	.85939	.41951
#2	47.891	.85491	.89396	1.1118	.46585	.86437	.41878

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.368	.97410	.91829	.95096	35.683	.84125	.92800
SDev	.029	.00012	.00091	.00019	.004	.00065	.01015
%RSD	.13161	.01194	.09917	.02047	.01211	.07751	1.0933
#1	22.389	.97401	.91765	.95082	35.680	.84171	.92083
#2	22.347	.97418	.91894	.95109	35.686	.84078	.93518

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85791	14.792	1.1287	.88318	.88401	10.717	7.7111
SDev	.00924	.007	.0003	.00437	.00039	.021	.0005
%RSD	1.0774	.04764	.02507	.49528	.04412	.20042	.00705
#1	.85137	14.787	1.1285	.88008	.88429	10.702	7.7115
#2	.86444	14.797	1.1289	.88627	.88374	10.733	7.7107

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44648	11.846	12.066	.51762	.81463	.93712	1.0963
SDev	.00059	.013	.011	.00029	.00188	.00181	.0002
%RSD	.13103	.11028	.09168	.05652	.23088	.19373	.01770
#1	.44606	11.837	12.074	.51783	.81330	.93583	1.0962
#2	.44689	11.855	12.058	.51742	.81596	.93840	1.0964

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0077	.91946	.94471	.91965	.86448	.85462
SDev	.0007	.00088	.00836	.01104	.00706	.01034
%RSD	.07269	.09525	.88471	1.2005	.81659	1.2093
#1	1.0071	.91885	.93880	.91184	.85949	.84731
#2	1.0082	.92008	.95062	.92746	.86947	.86193

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41688	--	--	--	--	--	--
SDev	202.2325	--	--	--	--	--	--
%RSD	.4851097	--	--	--	--	--	--
#1	41831	--	--	--	--	--	--
#2	41545	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-50963-a-2-a@5 Operator: SRP
Run Time: 02/24/12 11:04:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.8151	-.00009	.00395	.06324	.00158	.00520	.00001
SDev	.0081	.00082	.00034	.00015	.00002	.00023	.00011
%RSD	.09184	941.28	8.7387	.23124	1.1863	4.4313	756.71
#1	8.8209	.00049	.00370	.06313	.00156	.00504	-.00006
#2	8.8094	-.00067	.00419	.06334	.00159	.00537	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2138	.01468	.00334	.01093	6.0944	.00367	.01230
SDev	.0230	.00029	.00011	.00003	.0035	.00003	.00031
%RSD	.71616	1.9504	3.2603	.23478	.05774	.95315	2.5066

Analysis Report 02/24/12 11:08:27 AM page 11

#1	3.1976	.01448	.00326	.01091	6.0919	.00370	.01208
#2	3.2301	.01489	.00342	.01095	6.0969	.00365	.01252

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00234	1.2912	.05287	.00290	.00643	.28502	1.5781
SDev	.00035	.0027	.00014	.00102	.00021	.02346	.0035
%RSD	15.004	.20682	.26840	35.088	3.3308	8.2296	.22087

#1	.00209	1.2931	.05277	.00362	.00628	.30161	1.5806
#2	.00259	1.2893	.05297	.00218	.00658	.26844	1.5756

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	.61291	.69702	.02340	-.00062	.00689	.04303
SDev	.00020	.03087	.00305	.00009	.00153	.00145	.00001
%RSD	52.900	5.0364	.43806	.36322	244.79	21.037	.01893

#1	-.00052	.63473	.69918	.02334	.00046	.00586	.04304
#2	-.00024	.59108	.69486	.02346	-.00171	.00791	.04303

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02478	.02498	.01080	.01305	.00097	.00303
SDev	.00017	.00017	.00132	.00020	.00250	.00072
%RSD	.68406	.68234	12.198	1.5051	258.25	23.797

#1	.02466	.02486	.00987	.01319	-.00080	.00354
#2	.02490	.02510	.01174	.01291	.00273	.00252

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39478	--	--	--	--	--	--
SDev	181.7264	--	--	--	--	--	--
%RSD	.4603175	--	--	--	--	--	--

#1	39350	--	--	--	--	--	--
#2	39607	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 11:08:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5330	.48183	.49734	.47127	.53713	.49015	.48529
SDev	.0146	.00163	.00060	.00119	.00111	.00148	.00122
%RSD	.57500	.33782	.12162	.25200	.20617	.30297	.25058

#1	2.5433	.48298	.49777	.47211	.53791	.49120	.48615
#2	2.5227	.48067	.49691	.47043	.53634	.48910	.48443

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.926	.51796	.51914	.52070	2.5652	.46012	.50459
SDev	.040	.00151	.00169	.00206	.0046	.00206	.00208

%RSD	.31004	.29220	.32622	.39511	.17846	.44686	.41229
#1	12.955	.51903	.52034	.52215	2.5620	.46157	.50607
#2	12.898	.51689	.51795	.51924	2.5684	.45867	.50312

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51500	5.2315	.50490	.50218	.49030	11.938	1.0102
SDev	.00309	.0172	.00126	.00051	.00159	.086	.0043
%RSD	.59958	.32875	.25037	.10052	.32499	.71692	.42795
#1	.51282	5.2437	.50579	.50182	.49142	11.998	1.0133
#2	.51719	5.2193	.50400	.50253	.48917	11.877	1.0071

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25080	12.556	12.062	.23713	.47724	.52676	.51507
SDev	.00010	.106	.069	.00076	.00702	.00198	.00124
%RSD	.03790	.84650	.57366	.32263	1.4721	.37599	.24106
#1	.25087	12.632	12.111	.23767	.47227	.52816	.51595
#2	.25073	12.481	12.013	.23659	.48221	.52536	.51420

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51771	.49926	.51265	.50056	.51836	.51338
SDev	.00075	.00133	.00014	.00305	.00465	.00231
%RSD	.14557	.26644	.02683	.60968	.89710	.44929
#1	.51824	.50020	.51275	.50272	.51507	.51175
#2	.51718	.49832	.51256	.49841	.52165	.51501

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38272	--	--	--	--	--	--
SDev	128.6934	--	--	--	--	--	--
%RSD	.3362600	--	--	--	--	--	--
#1	38181	--	--	--	--	--	--
#2	38363	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 11:12:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02079	.00009	-.00171	.00048	.00082	.00255	.00044
SDev	.00157	.00219	.00163	.00015	.00008	.00028	.00000

%RSD	7.5568	2319.1	95.694	30.567	9.5967	10.933	.48965
#1	-.01968	.00164	-.00286	.00058	.00087	.00275	.00044
#2	-.02190	-.00145	-.00055	.00037	.00076	.00235	.00044

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.03865	.00035	.00019	.00173	-.02071	.00020	.00030
SDev	.00121	.00022	.00010	.00014	.00360	.00004	.00007
%RSD	3.1276	64.341	50.484	7.8308	17.388	22.471	24.239
#1	.03951	.00051	.00026	.00183	-.01816	.00023	.00035
#2	.03780	.00019	.00012	.00163	-.02325	.00017	.00025
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	-.00224	.00047	.00198	.00056	-.10182	.00430
SDev	.00042	.00141	.00012	.00039	.00024	.00232	.00290
%RSD	18.218	63.144	26.281	19.771	42.343	2.2802	67.403
#1	.00201	-.00124	.00056	.00226	.00073	-.10347	.00635
#2	.00261	-.00324	.00038	.00170	.00040	-.10018	.00225
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	-.12215	.00352	.00024	.00144	.00051	.00054
SDev	.00060	.05144	.00001	.00006	.00149	.00216	.00018
%RSD	206.63	42.113	.19139	24.538	103.79	426.98	33.079
#1	-.00071	-.15853	.00353	.00028	.00038	-.00102	.00067
#2	.00013	-.08578	.00352	.00019	.00249	.00203	.00041
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00057	.00038	-.00082	.00087	.00229	.00232	
SDev	.00036	.00012	.00062	.00042	.00373	.00123	
%RSD	62.789	31.722	75.764	48.735	162.64	53.183	
#1	.00082	.00047	-.00127	.00117	-.00034	.00319	
#2	.00032	.00030	-.00038	.00057	.00493	.00145	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39146	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.0993495	--	--	--	--	--	--
#1	39118	--	--	--	--	--	--
#2	39173	--	--	--	--	--	--

Analysis Report 02/24/12 11:20:48 AM page 1

Method: 20076010 Sample Name: mb 600-73076/1-a Operator: SRP
Run Time: 02/24/12 11:17:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02557	.00167	-.00248	.00313	.00034	.00107	.00014
SDev	.00302	.00051	.00036	.00001	.00001	.00043	.00004
%RSD	11.815	30.465	14.457	.40104	2.8519	40.312	26.370
#1	-.02343	.00203	-.00223	.00312	.00035	.00138	.00016
#2	-.02771	.00131	-.00274	.00314	.00034	.00077	.00011
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01858	.00044	-.00021	.00172	.00094	-.00037	.00039
SDev	.00114	.00006	.00012	.00024	.00824	.00003	.00029
%RSD	6.1190	13.910	57.768	13.875	878.96	7.3023	72.654
#1	.01938	.00049	-.00012	.00189	.00676	-.00035	.00060
#2	.01778	.00040	-.00029	.00155	-.00489	-.00039	.00019

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	-.02534	.00025	.00102	.00101	-.14755	.00798
SDev	.00055	.00346	.00002	.00020	.00022	.01785	.00014
%RSD	24.820	13.651	7.6167	19.498	22.214	12.096	1.7909
#1	.00259	-.02289	.00026	.00116	.00085	-.13493	.00788
#2	.00182	-.02778	.00024	.00088	.00117	-.16017	.00808

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.04840	-.00215	.00007	-.00130	.02914	.00017
SDev	.00015	.13583	.00243	.00000	.00134	.00004	.00009
%RSD	103.31	280.66	112.93	4.6968	103.27	.13105	50.636
#1	.00026	.14444	-.00043	.00008	-.00035	.02911	.00011
#2	.00004	-.04765	-.00387	.00007	-.00225	.02916	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.01100	.00110	.00004	.00017	.00322
SDev	.00012	.00026	.00151	.00033	.00266	.00215
%RSD	197.69	2.3991	137.77	787.75	1566.3	66.675
#1	.00015	.01082	.00217	-.00019	-.00171	.00475
#2	-.00002	.01119	.00003	.00027	.00205	.00170

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39094	--	--	--	--	--	--
SDev	175.3625	--	--	--	--	--	--
%RSD	.4485662	--	--	--	--	--	--

#1	38970	--	--	--	--	--	--
#2	39218	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-73076/2-a Operator: SRP
Run Time: 02/24/12 11:20:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.533	.75491	1.2727	2.2810	1.5424	.76438	.62038
SDev	.213	.01424	.0029	.0030	.0029	.00227	.00133
%RSD	.28250	1.8858	.22437	.13264	.18800	.29677	.21391
#1	75.382	.74485	1.2707	2.2789	1.5403	.76278	.61945
#2	75.684	.76498	1.2747	2.2832	1.5444	.76599	.62132

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.255	.98905	1.3498	1.0683	160.27	.07247	1.3862
SDev	.100	.00080	.0015	.0016	.21	.00017	.0032
%RSD	.11333	.08132	.10858	.14760	.13061	.23615	.22763
#1	88.185	.98849	1.3487	1.0672	160.12	.07235	1.3840
#2	88.326	.98962	1.3508	1.0694	160.42	.07259	1.3884

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8041	38.838	4.8159	.83606	1.1693	43.101	4.0018
SDev	.0072	.062	.0038	.00092	.0001	.081	.0146
%RSD	.40109	.15925	.07956	.10993	.01013	.18704	.36550
#1	1.7989	38.794	4.8131	.83541	1.1692	43.044	3.9915
#2	1.8092	38.882	4.8186	.83671	1.1694	43.158	4.0122

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43963	3.4006	6.0440	2.1267	1.3906	1.5270	3.6494
SDev	.00009	.0957	.0142	.0062	.0042	.0053	.0054
%RSD	.02136	2.8131	.23542	.29138	.29937	.34890	.14773
#1	.43957	3.4682	6.0339	2.1223	1.3877	1.5232	3.6456
#2	.43970	3.3330	6.0540	2.1311	1.3935	1.5307	3.6533

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59631	1.9439	1.4145	1.3720	1.8210	1.7956
SDev	.00060	.0029	.0032	.0063	.0095	.0156
%RSD	.10128	.15150	.22803	.46252	.52242	.86939
#1	.59588	1.9418	1.4168	1.3675	1.8277	1.7845
#2	.59673	1.9459	1.4123	1.3765	1.8143	1.8066

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 02/24/12 11:24:39 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41117	--	--	--	--	--	--
SDev	127.2792	--	--	--	--	--	--
%RSD	.3095538	--	--	--	--	--	--
#1	41027	--	--	--	--	--	--
#2	41207	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50893-c-1-c Operator: SRP
Run Time: 02/24/12 11:24:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	126.72	.00937	.04708	.90808	.00690	.02307	.00551
SDev	3.80	.00528	.00312	.02665	.00027	.00097	.00037
%RSD	2.9976	56.361	6.6182	2.9349	3.9006	4.1988	6.6829

#1	129.40	.01310	.04928	.92693	.00709	.02376	.00577
#2	124.03	.00564	.04488	.88924	.00671	.02239	.00525

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1891.3	.12205	.04514	.06321	93.947	.07527	.07020
SDev	50.7	.00331	.00172	.00136	2.775	.00231	.00177
%RSD	2.6831	2.7136	3.8181	2.1537	2.9536	3.0625	2.5221

#1	1927.2	.12439	.04636	.06417	95.909	.07690	.07145
#2	1855.4	.11971	.04393	.06225	91.985	.07364	.06895

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00165	21.861	6.2612	.00239	.13304	18.376	5.8929
SDev	.00172	.620	.1788	.00199	.00428	.608	.1606
%RSD	104.51	2.8346	2.8550	83.233	3.2181	3.3096	2.7249

#1	-.00287	22.299	6.3876	.00379	.13606	18.806	6.0064
#2	-.00043	21.423	6.1348	.00098	.13001	17.946	5.7793

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	2.1338	2.4536	6.9187	-.01357	.03025	.13177
SDev	.00019	.2149	.0749	.2114	.00300	.00472	.00438
%RSD	24.198	10.072	3.0516	3.0556	22.116	15.606	3.3207

#1	-.00066	2.2857	2.5065	7.0682	-.01145	.03359	.13486
#2	-.00093	1.9818	2.4006	6.7692	-.01569	.02691	.12867

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26520	.34150	.06389	.07336	-.00642	.00073
SDev	.00748	.01005	.00189	.00171	.00169	.00174
%RSD	2.8195	2.9419	2.9517	2.3350	26.264	237.66

#1	.27048	.34861	.06522	.07457	-.00761	-.00050

#2	.25991	.33440	.06255	.07215	-.00523	.00197

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38664	--	--	--	--	--	--
SDev	1044.397	--	--	--	--	--	--
%RSD	2.701247	--	--	--	--	--	--

#1	37925	--	--	--	--	--	--
#2	39402	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50893-c-2-c Operator: SRP
Run Time: 02/24/12 11:28:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	171.91	.00478	.07745	1.2498	.00921	.02007	.00537
SDev	2.11	.00131	.00278	.0163	.00010	.00074	.00030
%RSD	1.2260	27.530	3.5936	1.3054	1.0782	3.6883	5.6439

#1	173.40	.00571	.07942	1.2614	.00928	.02059	.00559
#2	170.42	.00385	.07548	1.2383	.00914	.01955	.00516

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1787.3	.15484	.08127	.09749	130.20	.09971	.09688
SDev	21.3	.00187	.00115	.00042	1.78	.00125	.00176
%RSD	1.1905	1.2094	1.4199	.42693	1.3658	1.2539	1.8155

#1	1802.3	.15616	.08208	.09778	131.46	.10059	.09812
#2	1772.2	.15351	.08045	.09719	128.95	.09882	.09564

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	24.750	8.2344	.00296	.17627	19.920	6.7898
SDev	.00180	.314	.1045	.00052	.00267	.213	.0837
%RSD	348.10	1.2694	1.2693	17.674	1.5151	1.0670	1.2334

#1	.00076	24.972	8.3083	.00333	.17816	20.070	6.8490
#2	-.00179	24.528	8.1605	.00259	.17438	19.770	6.7306

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00132	2.4909	2.9465	5.3661	-.02291	.02995	.12707
SDev	.00002	.0713	.0394	.0702	.00050	.00216	.00014
%RSD	1.4966	2.8643	1.3367	1.3083	2.1829	7.2269	.10792

#1	-.00133	2.4405	2.9186	5.4157	-.02255	.03148	.12717
#2	-.00130	2.5414	2.9743	5.3164	-.02326	.02842	.12698

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39510	.39538	.08878	.10093	.00135	-.00145

SDev	.00495	.00507	.00247	.00140	.00018	.00279
%RSD	1.2518	1.2817	2.7812	1.3907	13.545	192.45

#1	.39860	.39896	.09053	.10192	.00122	.00052
#2	.39160	.39179	.08703	.09994	.00148	-.00342

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40139	--	--	--	--	--	--
SDev	455.3768	--	--	--	--	--	--
%RSD	1.134499	--	--	--	--	--	--

#1	39817	--	--	--	--	--	--
#2	40461	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50893-c-2-d du Operator: SRP
Run Time: 02/24/12 11:32:24
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	188.89	.00143	.09507	2.0323	.01032	.01950	.00534
SDev	.23	.00170	.00046	.0016	.00001	.00013	.00014

%RSD	.12130	118.66	.48734	.07702	.06288	.68208	2.5646
#1	189.05	.00263	.09540	2.0334	.01033	.01941	.00544
#2	188.73	.00023	.09474	2.0312	.01032	.01959	.00525

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1774.6	.16463	.20591	.11204	144.34	.11207	.15626
SDev	2.4	.00030	.00034	.00005	.18	.00012	.00020
%RSD	.13304	.18390	.16299	.04537	.12466	.10836	.12852
#1	1776.2	.16485	.20614	.11208	144.47	.11215	.15641
#2	1772.9	.16442	.20567	.11201	144.21	.11198	.15612

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00808	25.738	20.905	.00544	.32004	21.628	7.0579
SDev	.00388	.030	.019	.00005	.00042	.027	.0088
%RSD	48.033	.11711	.09222	.95414	.12961	.12474	.12497
#1	-.01082	25.759	20.919	.00547	.32033	21.647	7.0641
#2	-.00533	25.717	20.892	.00540	.31975	21.609	7.0516

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	1.8415	2.2437	4.8468	-.03640	.03074	.14198
SDev	.00042	.1022	.0022	.0022	.00340	.00285	.00032
%RSD	48.668	5.5514	.09680	.04557	9.3432	9.2693	.22815
#1	-.00057	1.9138	2.2452	4.8483	-.03399	.03276	.14221
#2	-.00116	1.7692	2.2422	4.8452	-.03880	.02873	.14175

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47869	.40031	.15383	.15748	-.00971	-.00726
SDev	.00017	.00028	.00221	.00080	.00103	.00633
%RSD	.03639	.06880	1.4368	.51048	10.600	87.267
#1	.47881	.40050	.15540	.15691	-.00899	-.01174
#2	.47857	.40011	.15227	.15805	-.01044	-.00278

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38831	--	--	--	--	--	--
SDev	96.16652	--	--	--	--	--	--
%RSD	.2476540	--	--	--	--	--	--
#1	38763	--	--	--	--	--	--
#2	38899	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50893-c-2-e ms Operator: SRP
Run Time: 02/24/12 11:36:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	250.12	.28289	.92333	2.9268	.43790	.58365	.36240

SDev	2.39	.00145	.01000	.0256	.00399	.00549	.00319
%RSD	.95377	.51113	1.0831	.87348	.91188	.94049	.87948
#1	248.43	.28187	.91626	2.9087	.43507	.57977	.36014
#2	251.80	.28392	.93041	2.9449	.44072	.58753	.36465
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1763.4	1.0077	.99548	.99357	176.19	.62692	.92401
SDev	10.6	.0086	.00809	.00802	1.45	.00594	.01167
%RSD	.59916	.85487	.81304	.80751	.82291	.94788	1.2635
#1	1756.0	1.0016	.98975	.98790	175.17	.62272	.91576
#2	1770.9	1.0138	1.0012	.99924	177.22	.63112	.93227
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80512	40.396	18.869	.70408	1.1597	39.229	8.1037
SDev	.01626	.347	.158	.00720	.0092	.348	.0784
%RSD	2.0196	.85952	.83560	1.0225	.79391	.88733	.96803
#1	.79362	40.151	18.757	.69899	1.1532	38.983	8.0483
#2	.81662	40.642	18.980	.70918	1.1662	39.475	8.1592
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46230	12.224	14.034	5.3209	.70416	.81041	.35485
SDev	.00395	.130	.123	.0481	.00606	.00574	.00488

%RSD	.85348	1.0629	.87502	.90311	.86013	.70839	1.3767
#1	.45951	12.132	13.947	5.2869	.69988	.80635	.35139
#2	.46509	12.316	14.121	5.3549	.70845	.81447	.35830
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.3382	1.3135	.93841	.91681	.81292	.80122	
SDev	.0110	.0113	.00421	.01541	.00114	.02382	
%RSD	.82059	.86297	.44910	1.6803	.14082	2.9726	
#1	1.3304	1.3055	.93543	.90592	.81211	.78438	
#2	1.3459	1.3216	.94139	.92770	.81373	.81807	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38966	--	--	--	--	--	--
SDev	175.3625	--	--	--	--	--	--
%RSD	.4500397	--	--	--	--	--	--
#1	39090	--	--	--	--	--	--
#2	38842	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50893-c-2-f msd Operator: SRP
Run Time: 02/24/12 11:40:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	262.43	.30394	.93152	2.2296	.45011	.61918	.37297
SDev	.58	.00066	.00606	.0054	.00117	.00282	.00054
%RSD	.22122	.21801	.65060	.24087	.26033	.45531	.14542
#1	262.02	.30347	.92724	2.2258	.44928	.61719	.37259
#2	262.84	.30441	.93581	2.2334	.45094	.62118	.37335

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1766.2	1.0401	.89851	1.0062	170.78	.60756	.90443
SDev	1.7	.0018	.00208	.0026	.34	.00154	.00461
%RSD	.09460	.16952	.23104	.26239	.19911	.25300	.50988
#1	1767.4	1.0389	.89705	1.0043	170.54	.60647	.90117
#2	1765.0	1.0414	.89998	1.0080	171.02	.60865	.90769

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83073	42.033	8.6735	.72233	.92729	41.015	8.8925
SDev	.00552	.076	.0186	.00282	.00287	.056	.0276
%RSD	.66465	.18191	.21476	.39112	.30926	.13626	.31017
#1	.82682	41.979	8.6604	.72034	.92527	40.976	8.8730
#2	.83463	42.087	8.6867	.72433	.92932	41.055	8.9120

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47562	12.448	14.290	5.3104	.73745	.83490	.43412
SDev	.00019	.161	.042	.0149	.00040	.00564	.00240
%RSD	.04089	1.2938	.29251	.28121	.05351	.67536	.55291
#1	.47548	12.562	14.261	5.2998	.73773	.83888	.43242
#2	.47575	12.334	14.320	5.3209	.73717	.83091	.43581

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2762	1.3442	.91992	.89669	.84239	.82490
SDev	.0029	.0030	.00347	.00865	.00900	.01278
%RSD	.22330	.22363	.37689	.96475	1.0688	1.5497
#1	1.2742	1.3420	.92237	.89057	.84876	.81586
#2	1.2783	1.3463	.91747	.90281	.83603	.83394

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39052	--	--	--	--	--	--
SDev	93.33810	--	--	--	--	--	--
%RSD	.2390098	--	--	--	--	--	--
#1	38986	--	--	--	--	--	--
#2	39118	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50893-c-3-c Operator: SRP
Run Time: 02/24/12 11:43:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	228.90	.00539	.09366	2.0045	.01594	.02976	.00388
SDev	2.00	.00042	.00121	.0163	.00010	.00006	.00009
%RSD	.87296	7.8544	1.2939	.81534	.60808	.20294	2.2556
#1	227.49	.00509	.09451	1.9929	.01587	.02981	.00395
#2	230.31	.00569	.09280	2.0160	.01601	.02972	.00382
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	639.03	.21884	.13271	.19208	192.54	.11101	.21926
SDev	3.17	.00150	.00050	.00164	1.31	.00110	.00058
%RSD	.49654	.68503	.37600	.85566	.68181	.98787	.26604
#1	636.79	.21778	.13236	.19092	191.62	.11024	.21885
#2	641.27	.21990	.13307	.19324	193.47	.11179	.21968
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00445	34.302	11.827	.00374	.26184	24.244	6.4142
SDev	.00080	.231	.079	.00049	.00264	.268	.0475
%RSD	17.980	.67437	.66683	13.142	1.0075	1.1045	.74083

#1	.00501	34.139	11.771	.00340	.25998	24.054	6.3806
#2	.00388	34.466	11.883	.00409	.26371	24.433	6.4478
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00185	1.4571	1.7769	1.7308	-.03373	.03267	.21471
SDev	.00042	.1540	.0220	.0152	.00283	.00211	.00165
%RSD	22.884	10.570	1.2357	.87646	8.4041	6.4591	.76791
#1	-.00155	1.5660	1.7613	1.7201	-.03172	.03416	.21355
#2	-.00215	1.3482	1.7924	1.7416	-.03573	.03118	.21588
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.55924	.63436	.21542	.22119	-.00130	.00732	
SDev	.00349	.00509	.00369	.00272	.00160	.00040	
%RSD	.62358	.80277	1.7143	1.2304	123.81	5.4306	
#1	.55678	.63076	.21803	.21926	-.00016	.00760	
#2	.56171	.63796	.21281	.22311	-.00243	.00704	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45337	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	.1216541	--	--	--	--	--	--
#1	45376	--	--	--	--	--	--
#2	45298	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50893-c-4-c Operator: SRP
Run Time: 02/24/12 11:47:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	206.15	.00610	.08936	2.3861	.01668	.01626	.00330
SDev	1.04	.00100	.00093	.0207	.00014	.00027	.00009
%RSD	.50263	16.348	1.0362	.86778	.81532	1.6410	2.7807
#1	206.89	.00680	.09001	2.4007	.01678	.01645	.00336
#2	205.42	.00539	.08870	2.3714	.01658	.01607	.00323

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	358.08	.20484	.14999	.19281	176.89	.09322	.22094
SDev	3.46	.00199	.00169	.00125	1.62	.00063	.00158
%RSD	.96607	.97284	1.1282	.64665	.91827	.67167	.71525
#1	360.53	.20625	.15119	.19369	178.04	.09366	.22205
#2	355.63	.20343	.14879	.19193	175.75	.09277	.21982

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	32.213	16.018	.00304	.26263	22.328	4.6545
SDev	.00012	.275	.149	.00064	.00241	.139	.0304
%RSD	238.93	.85227	.92945	20.973	.91911	.62360	.65407
#1	.00003	32.408	16.123	.00349	.26434	22.426	4.6761
#2	-.00013	32.019	15.912	.00259	.26092	22.229	4.6330

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00160	.84239	1.0154	1.2655	-.03840	.03206	.31419
SDev	.00023	.00232	.0059	.0099	.00134	.00186	.00274
%RSD	14.332	.27533	.57803	.78056	3.4898	5.8108	.87159
#1	-.00144	.84075	1.0195	1.2724	-.03934	.03338	.31612
#2	-.00176	.84403	1.0112	1.2585	-.03745	.03074	.31225

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53956	.51101	.22006	.22137	-.00438	.00212
SDev	.00481	.00484	.00342	.00066	.00287	.00126
%RSD	.89230	.94679	1.5539	.29840	65.556	59.451
#1	.54296	.51443	.22248	.22184	-.00235	.00123
#2	.53615	.50759	.21764	.22091	-.00641	.00300

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	47920	--	--	--	--	--	--
SDev	568.5139	--	--	--	--	--	--
%RSD	1.186381	--	--	--	--	--	--
#1	47518	--	--	--	--	--	--
#2	48322	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50932-a-1-a@10 Operator: SRP
Run Time: 02/24/12 11:51:41
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62099	.00355	.01156	12.881	.00049	.00440	.00008
SDev	.00190	.00032	.00133	.001	.00000	.00027	.00012
%RSD	.30561	8.8712	11.520	.00775	.44478	6.1117	162.72
#1	.61965	.00333	.01061	12.881	.00048	.00459	-.00001
#2	.62233	.00378	.01250	12.882	.00049	.00421	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9109	.00284	.00111	.02725	14.378	.00094	.01344
SDev	.0110	.00001	.00005	.00055	.008	.00001	.00060
%RSD	.28199	.28383	4.6563	2.0315	.05335	1.4632	4.4456

#1	3.9187	.00284	.00107	.02686	14.383	.00093	.01301
#2	3.9031	.00283	.00114	.02764	14.372	.00095	.01386

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00210	6.3221	.14993	.00086	.00370	.09563	.50700
SDev	.00008	.0036	.00023	.00072	.00019	.00783	.00037
%RSD	3.9018	.05683	.15701	83.412	5.1490	8.1867	.07364
#1	.00216	6.3196	.15010	.00137	.00357	.09009	.50727
#2	.00205	6.3246	.14977	.00035	.00383	.10116	.50674

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.03900	.07139	2.1518	-.00537	.00368	.01437
SDev	.00018	.05286	.00047	.0003	.00003	.00186	.00004
%RSD	515.62	135.53	.66538	.01498	.63377	50.565	.29102
#1	-.00016	.07637	.07105	2.1520	-.00535	.00499	.01434
#2	.00009	.00162	.07172	2.1515	-.00540	.00236	.01440

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00537	.64721	.01312	.01360	.00290	.00170
SDev	.00013	.00030	.00249	.00035	.00126	.00075
%RSD	2.3756	.04558	19.019	2.5867	43.314	44.173
#1	.00528	.64742	.01136	.01384	.00202	.00223
#2	.00546	.64700	.01489	.01335	.00379	.00117

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38156	--	--	--	--	--	--
SDev	96.87363	--	--	--	--	--	--
%RSD	.2538850	--	--	--	--	--	--
#1	38225	--	--	--	--	--	--
#2	38088	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP

Run Time: 02/24/12 11:55:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4792	.47285	.48872	.46403	.52666	.48012	.47548
SDev	.0234	.00057	.00026	.00272	.00130	.00206	.00154
%RSD	.94241	.12162	.05224	.58583	.24664	.42889	.32401
#1	2.4957	.47326	.48854	.46595	.52758	.48158	.47657
#2	2.4627	.47245	.48890	.46211	.52574	.47867	.47439

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.743	.50708	.50748	.50930	2.5084	.45134	.49075
SDev	.054	.00153	.00150	.00238	.0039	.00264	.00037
%RSD	.42688	.30209	.29534	.46692	.15529	.58510	.07509
#1	12.781	.50816	.50854	.51098	2.5111	.45320	.49101
#2	12.704	.50599	.50642	.50762	2.5056	.44947	.49049

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50416	5.1137	.49322	.49118	.47982	11.684	.98783
SDev	.00282	.0188	.00147	.00218	.00218	.099	.00599
%RSD	.55958	.36725	.29828	.44445	.45361	.85024	.60648
#1	.50217	5.1270	.49427	.49273	.48136	11.755	.99206
#2	.50616	5.1005	.49218	.48964	.47828	11.614	.98359

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24506	12.162	11.837	.23179	.46542	.51574	.50488
SDev	.00115	.155	.115	.00084	.00280	.00264	.00140
%RSD	.47058	1.2737	.96925	.36307	.60170	.51179	.27785
#1	.24588	12.271	11.918	.23239	.46740	.51761	.50587
#2	.24425	12.052	11.756	.23120	.46344	.51388	.50388

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50629	.48870	.50091	.48568	.51617	.49822
SDev	.00152	.00151	.00090	.00010	.00053	.00396
%RSD	.30007	.30953	.17919	.02140	.10345	.79575
#1	.50736	.48977	.50154	.48575	.51579	.49542
#2	.50522	.48763	.50027	.48560	.51654	.50103

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39012	--	--	--	--	--	--
SDev	162.6346	--	--	--	--	--	--
%RSD	.4168834	--	--	--	--	--	--
#1	38897	--	--	--	--	--	--
#2	39127	--	--	--	--	--	--

Analysis Report Blank Sample 02/24/12 12:06:07 PM page 1

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 12:02:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02031	.00220	-.00061	.00033	.00045	.00168	.00014
SDev	.00332	.00056	.00054	.00000	.00001	.00071	.00010
%RSD	16.329	25.617	88.254	.19978	1.2736	42.376	70.728
#1	-.01796	.00180	-.00099	.00033	.00044	.00219	.00022
#2	-.02265	.00259	-.00023	.00033	.00045	.00118	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01804	.00045	-.00002	.00162	-.00876	-.00009	.00035
SDev	.00255	.00024	.00034	.00062	.03002	.00006	.00030
%RSD	14.118	54.440	1641.2	38.292	342.64	66.182	86.359
#1	.01624	.00062	.00022	.00206	.01247	-.00005	.00014
#2	.01984	.00028	-.00026	.00118	-.02999	-.00013	.00056

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	-.00470	.00026	.00084	.00026	-.06870	.00506
SDev	.00127	.00524	.00003	.00010	.00052	.03446	.00180
%RSD	91.464	111.51	12.828	11.330	198.85	50.154	35.616
#1	.00228	-.00099	.00024	.00077	.00064	-.04434	.00634
#2	.00049	-.00840	.00029	.00091	-.00011	-.09306	.00379

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	-.12705	-.00166	.00010	.00172	-.00059	.00014
SDev	.00056	.18993	.00310	.00000	.00235	.00224	.00011
%RSD	377.78	149.49	186.58	1.8348	137.26	382.91	79.086
#1	.00054	.00725	.00053	.00010	.00338	.00100	.00022
#2	-.00025	-.26135	-.00385	.00010	.00005	-.00217	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00087	-.00051	.00078	.00189	.00113
SDev	.00030	.00001	.00043	.00066	.00026	.00202
%RSD	160.70	.83005	83.432	85.397	13.461	179.61
#1	.00040	.00086	-.00021	.00031	.00171	.00256
#2	-.00003	.00087	-.00081	.00124	.00207	-.00030

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38686	--	--	--	--	--	--
SDev	262.3366	--	--	--	--	--	--
%RSD	.6781265	--	--	--	--	--	--

Analysis Report Blank Sample 02/24/12 12:06:07 PM page 2

#1	38500	--	--	--	--	--	--
#2	38871	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50932-a-2-a@10 Operator: SRP
Run Time: 02/24/12 12:06:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1521	.00199	.00194	.07202	.00030	.00121	-.00015
SDev	.0060	.00189	.00245	.00033	.00001	.00061	.00004
%RSD	.19015	95.312	126.32	.46307	2.2126	50.471	28.588
#1	3.1563	.00065	.00368	.07226	.00030	.00164	-.00012
#2	3.1479	.00333	.00021	.07178	.00029	.00078	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.687	.01239	.28003	.43320	17.140	.00008	.00027
SDev	.151	.00054	.00085	.00068	.052	.00002	.00064
%RSD	.38155	4.3379	.30488	.15597	.30621	27.239	236.46
#1	39.794	.01277	.28063	.43367	17.177	.00010	.00073
#2	39.580	.01201	.27942	.43272	17.103	.00007	-.00018

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00609	1.2429	.02605	.00138	.00466	.87359	.48968
SDev	.00199	.0062	.00012	.00053	.00018	.00526	.00133
%RSD	32.687	.49853	.44826	38.798	3.8569	.60200	.27158
#1	.00468	1.2473	.02613	.00100	.00479	.87730	.49062
#2	.00750	1.2385	.02597	.00176	.00453	.86987	.48874

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.16292	.35625	.05205	-.00393	.07984	.18463
SDev	.00002	.03223	.00225	.00011	.00043	.00134	.00067
%RSD	139.98	19.782	.63143	.21848	10.851	1.6766	.36490
#1	.00003	.18570	.35784	.05213	-.00423	.08078	.18510
#2	.00000	.14013	.35466	.05197	-.00363	.07889	.18415

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	.01098	-.00093	.00087	.00488	.00670
SDev	.00042	.00004	.00016	.00105	.00023	.00310
%RSD	22.149	.33345	17.701	120.24	4.7562	46.320
#1	.00219	.01101	-.00104	.00161	.00504	.00450
#2	.00160	.01096	-.00081	.00013	.00471	.00889

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	38364	--	--	--	--	--	--
SDev	65.76093	--	--	--	--	--	--
%RSD	.1714109	--	--	--	--	--	--
#1	38318	--	--	--	--	--	--
#2	38411	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50932-a-3-a@10 Operator: SRP
Run Time: 02/24/12 12:10:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58395	.00016	-.00112	.19061	.00031	.00180	-.00003
SDev	.01197	.00155	.00002	.00250	.00001	.00030	.00005
%RSD	2.0502	986.82	1.9343	1.3110	2.9087	16.716	161.90
#1	.59241	.00125	-.00110	.19238	.00031	.00201	.00000
#2	.57548	-.00094	-.00113	.18884	.00032	.00159	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.735	.00194	.00024	.00246	.06603	-.00029	.00097
SDev	.864	.00004	.00002	.00028	.00754	.00011	.00060
%RSD	1.3341	2.2498	7.9360	11.244	11.421	36.124	61.653
#1	65.346	.00197	.00026	.00266	.06070	-.00022	.00140
#2	64.125	.00191	.00023	.00227	.07137	-.00037	.00055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00294	.59045	.00550	.00008	.00102	-.17483	.20081
SDev	.00023	.01892	.00003	.00047	.00039	.05813	.00402
%RSD	7.7213	3.2036	.51355	589.86	38.436	33.251	1.9996
#1	.00278	.60383	.00552	.00041	.00074	-.13372	.20365
#2	.00310	.57708	.00548	-.00025	.00130	-.21593	.19797

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	-.08722	.15109	.04469	-.00080	.02370	.12987
SDev	.00019	.12438	.00783	.00060	.00026	.00108	.00169
%RSD	36.143	142.61	5.1813	1.3449	32.795	4.5721	1.2988
#1	-.00067	-.17517	.15662	.04511	-.00061	.02447	.13106
#2	-.00040	.00074	.14555	.04426	-.00098	.02293	.12868

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.10939	.00051	.00121	.00345	.00268
SDev	.00013	.00124	.00034	.00073	.00049	.00059
%RSD	32.758	1.1365	67.231	60.482	14.249	21.861
#1	.00048	.11027	.00075	.00172	.00380	.00227

#2	.00030	.10851	.00027	.00069	.00310	.00310
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	38866	--	--	--	--	--	--
SDev	574.1707	--	--	--	--	--	--
%RSD	1.477308	--	--	--	--	--	--
#1	38460	--	--	--	--	--	--
#2	39272	--	--	--	--	--	--

Analysis Report 02/24/12 12:18:53 PM page 1

Method: 20076010 Sample Name: 600-50932-a-4-a@10 Operator: SRP
Run Time: 02/24/12 12:15:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01308	-.00015	-.00046	.05444	.00029	.05795	-.00003
SDev	.00142	.00410	.00059	.00015	.00002	.00046	.00008
%RSD	10.861	2674.1	129.20	.28135	5.1404	.78759	245.45
#1	-.01409	-.00306	-.00087	.05455	.00028	.05762	-.00009
#2	-.01208	.00275	-.00004	.05433	.00030	.05827	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24858	-.00008	-.00009	.00252	.01667	-.00012	-.00027
SDev	.00737	.00047	.00027	.00002	.01853	.00005	.00147
%RSD	2.9652	566.03	282.85	.95439	111.17	42.287	552.05
#1	.24337	-.00042	-.00028	.00250	.00357	-.00016	.00078
#2	.25379	.00025	.00009	.00253	.02978	-.00008	-.00131

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00195	-.03258	.00042	.00093	.00013	-.25507	.02087
SDev	.00097	.00436	.00009	.00004	.00026	.02617	.00176
%RSD	49.974	13.368	20.856	4.1828	198.53	10.260	8.4459
#1	.00264	-.03566	.00036	.00095	-.00005	-.27357	.01962
#2	.00126	-.02950	.00048	.00090	.00032	-.23656	.02211

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	-.03209	.00345	.00617	.00047	.00397	.00029
SDev	.00055	.10614	.00229	.00000	.00216	.00019	.00013
%RSD	198.89	330.79	66.489	.04139	462.28	4.8266	44.324
#1	-.00011	-.10714	.00183	.00617	-.00106	.00411	.00020
#2	.00066	.04297	.00507	.00618	.00199	.00384	.00037

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00604	.00173	-.00127	.00462	.00062
SDev	.00053	.00013	.00136	.00153	.00105	.00094
%RSD	2774.0	2.0840	78.850	120.94	22.742	151.93
#1	-.00035	.00595	.00269	-.00018	.00536	.00128
#2	.00039	.00613	.00076	-.00235	.00387	-.00005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39528	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0268335	--	--	--	--	--	--

#1	39520	--	--	--	--	--	--
#2	39535	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50945-a-1-a Operator: SRP
Run Time: 02/24/12 12:18:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.911	-.00013	.02938	1.2078	.00949	.00865	.00005
SDev	.252	.00031	.00080	.0013	.00001	.00002	.00001
%RSD	.30042	242.29	2.7048	.10730	.08052	.24659	9.7719
#1	83.733	.00009	.02882	1.2087	.00950	.00863	.00005
#2	84.089	-.00035	.02994	1.2069	.00948	.00866	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.649	.09269	.10279	.09084	100.26	.09348	.09146
SDev	.008	.00024	.00019	.00003	.15	.00028	.00072
%RSD	.01855	.25799	.18855	.02868	.14813	.30287	.79185
#1	45.655	.09252	.10293	.09086	100.36	.09328	.09095
#2	45.643	.09286	.10265	.09082	100.15	.09368	.09197

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00204	28.406	1.4262	.00148	.18096	8.3162	4.1725
SDev	.00045	.018	.0009	.00015	.00046	.0341	.0092
%RSD	22.203	.06210	.06480	10.370	.25210	.40970	.21981
#1	.00236	28.393	1.4268	.00159	.18129	8.2921	4.1661
#2	.00172	28.418	1.4255	.00137	.18064	8.3403	4.1790

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00147	1.7322	1.7384	.12721	-.01430	.02572	.31092
SDev	.00059	.1862	.0077	.00010	.00248	.00166	.00014
%RSD	40.136	10.748	.44201	.08175	17.356	6.4643	.04546
#1	-.00106	1.8639	1.7330	.12729	-.01255	.02689	.31102
#2	-.00189	1.6006	1.7439	.12714	-.01606	.02454	.31082

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12811	.22739	.09089	.09175	-.00042	.00327
SDev	.00007	.00014	.00225	.00221	.00007	.00071
%RSD	.05149	.06194	2.4779	2.4114	15.415	21.763
#1	.12807	.22749	.09248	.09019	-.00047	.00377
#2	.12816	.22729	.08929	.09331	-.00038	.00277

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	49732	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0199057	--	--	--	--	--	--
#1	49725	--	--	--	--	--	--
#2	49739	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50945-a-2-a Operator: SRP
Run Time: 02/24/12 12:22:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	136.23	.00304	.04063	1.5257	.01509	.01306	-.00042
SDev	.67	.00245	.00061	.0072	.00004	.00021	.00010
%RSD	.49014	80.549	1.5026	.47135	.24721	1.6137	25.151
#1	136.70	.00131	.04107	1.5308	.01512	.01291	-.00034
#2	135.76	.00477	.04020	1.5206	.01506	.01321	-.00049

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.490	.14763	.04554	.11196	158.34	.16024	.10186
SDev	.319	.00017	.00032	.00040	.74	.00068	.00163
%RSD	.40585	.11519	.69989	.35589	.46477	.42529	1.6031
#1	78.716	.14775	.04576	.11224	158.86	.16072	.10070
#2	78.265	.14751	.04531	.11167	157.82	.15975	.10301

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	53.981	.58627	-.00025	.22005	15.362	4.0507
SDev	.00384	.203	.00264	.00010	.00155	.061	.0188
%RSD	110.62	.37636	.45073	38.281	.70666	.39785	.46371
#1	.00618	54.125	.58814	-.00032	.22115	15.405	4.0640
#2	.00076	53.838	.58440	-.00018	.21895	15.319	4.0375

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00214	2.3032	2.5010	.19919	-.02320	.03150	.27038
SDev	.00016	.0536	.0121	.00090	.00300	.00226	.00111
%RSD	7.4226	2.3270	.48552	.45391	12.942	7.1766	.41147
#1	-.00225	2.2653	2.5095	.19983	-.02108	.03310	.27117
#2	-.00203	2.3411	2.4924	.19855	-.02533	.02990	.26959

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20716	.32904	.09684	.10437	-.00611	.00826
SDev	.00087	.00166	.00037	.00264	.00691	.00230
%RSD	.42149	.50300	.38404	2.5249	113.05	27.853
#1	.20778	.33021	.09710	.10251	-.00123	.00989

#2	.20654	.32787	.09657	.10623	-.01100	.00663	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40011	--	--	--	--	--	--
SDev	113.1371	--	--	--	--	--	--
%RSD	.2827649	--	--	--	--	--	--
#1	39931	--	--	--	--	--	--
#2	40091	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50945-a-2-b du Operator: SRP
Run Time: 02/24/12 12:26:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	134.85	-.00068	.05139	1.5226	.01538	.01271	-.00040
SDev	.85	.00044	.00130	.0113	.00013	.00027	.00003
%RSD	.63183	63.917	2.5388	.74375	.85632	2.0904	7.4800
#1	135.45	-.00037	.05047	1.5306	.01547	.01290	-.00038
#2	134.25	-.00099	.05232	1.5146	.01528	.01253	-.00042

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.369	.15639	.04769	.11991	171.28	.16231	.10472
SDev	.662	.00103	.00014	.00087	1.47	.00110	.00016
%RSD	.83468	.66212	.28633	.72501	.85732	.67451	.14866
#1	79.838	.15712	.04778	.12053	172.32	.16309	.10483
#2	78.901	.15566	.04759	.11930	170.24	.16154	.10461

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00380	54.892	.61557	.00036	.23042	15.247	4.0682
SDev	.00028	.445	.00494	.00049	.00204	.136	.0283
%RSD	7.3813	.81063	.80258	137.82	.88501	.89079	.69630
#1	.00360	55.207	.61906	.00070	.23186	15.343	4.0883
#2	.00400	54.577	.61208	.00001	.22897	15.151	4.0482

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00228	2.1635	2.5057	.19768	-.02412	.03234	.33018
SDev	.00079	.0717	.0134	.00155	.00426	.00227	.00263
%RSD	34.588	3.3145	.53496	.78680	17.677	7.0146	.79574
#1	-.00284	2.1128	2.5151	.19878	-.02111	.03395	.33203
#2	-.00172	2.2142	2.4962	.19658	-.02714	.03074	.32832

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.24607	.37965	.10035	.10690	-.00678	.00910	□

SDev	.00173	.00263	.00327	.00140	.00257	.00171

%RSD	.70344	.69131	3.2574	1.3104	37.960	18.781
#1	.24730	.38151	.10266	.10591	-.00496	.00789
#2	.24485	.37780	.09804	.10789	-.00860	.01030

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40344	--	--	--	--	--	--
SDev	564.9783	--	--	--	--	--	--
%RSD	1.400385	--	--	--	--	--	--
#1	39945	--	--	--	--	--	--
#2	40744	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50945-a-2-c ms Operator: SRP
Run Time: 02/24/12 12:30:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	147.18	.49194	.92718	2.2343	.51807	.68872	.44338
SDev	3.07	.01531	.01452	.0385	.00856	.01309	.00734
%RSD	2.0841	3.1126	1.5658	1.7247	1.6531	1.9000	1.6557
#1	145.01	.48111	.91692	2.2071	.51202	.67947	.43819
#2	149.35	.50277	.93745	2.2616	.52413	.69798	.44857

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.201	1.1288	.99905	1.0746	132.37	.60887	1.0042
SDev	1.341	.0188	.01578	.0221	2.26	.01163	.0163
%RSD	1.6313	1.6664	1.5790	2.0548	1.7093	1.9098	1.6200
#1	81.253	1.1155	.98789	1.0590	130.77	.60065	.99269
#2	83.149	1.1421	1.0102	1.0902	133.97	.61709	1.0157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88033	56.494	1.4899	.90410	1.0821	23.854	4.9439
SDev	.01646	.984	.0249	.01513	.0186	.476	.0970
%RSD	1.8693	1.7412	1.6709	1.6734	1.7221	1.9962	1.9620
#1	.86870	55.798	1.4723	.89341	1.0690	23.517	4.8753
#2	.89197	57.189	1.5075	.91480	1.0953	24.190	5.0125

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48714	12.235	12.694	.64318	.87324	.96626	.81852
SDev	.00795	.262	.276	.01119	.02217	.01548	.01350
%RSD	1.6323	2.1445	2.1740	1.7400	2.5382	1.6019	1.6500
#1	.48152	12.050	12.499	.63527	.85757	.95531	.80897
#2	.49276	12.421	12.889	.65109	.88891	.97720	.82807

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0812	1.1902	1.0205	.99603	.88169	.87966

SDev	.0176	.0206	.0139	.01743	.00975	.01981
%RSD	1.6296	1.7344	1.3654	1.7504	1.1056	2.2520
#1	1.0687	1.1756	1.0106	.98371	.87479	.86565
#2	1.0936	1.2048	1.0304	1.0084	.88858	.89366

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40216	--	--	--	--	--	--
SDev	480.8326	--	--	--	--	--	--
%RSD	1.195625	--	--	--	--	--	--
#1	40556	--	--	--	--	--	--
#2	39876	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50945-a-2-d msd Operator: SRP
Run Time: 02/24/12 12:34:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	164.39	.39751	.90594	2.2610	.48968	.63487	.41781
SDev	.13	.00199	.00123	.0033	.00085	.00030	.00056
%RSD	.08204	.50184	.13527	.14555	.17320	.04725	.13452
#1	164.49	.39610	.90680	2.2633	.49028	.63465	.41821
#2	164.29	.39892	.90507	2.2587	.48909	.63508	.41741

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.891	1.0809	.96585	1.0362	175.88	.63445	.96709
SDev	.126	.0008	.00107	.0002	.26	.00012	.00156
%RSD	.15985	.07648	.11108	.02086	.14589	.01897	.16097
#1	78.980	1.0815	.96660	1.0364	176.06	.63436	.96599
#2	78.801	1.0803	.96509	1.0361	175.70	.63453	.96819

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83703	73.423	1.6896	.83425	1.1157	28.440	4.8721
SDev	.00226	.086	.0020	.00111	.0008	.022	.0064
%RSD	.27049	.11673	.11946	.13262	.07292	.07585	.13238
#1	.83543	73.484	1.6910	.83503	1.1163	28.425	4.8766
#2	.83863	73.363	1.6882	.83347	1.1152	28.456	4.8675

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45973	12.058	12.728	.62116	.80841	.92414	1.0018
SDev	.00096	.012	.023	.00070	.00302	.00030	.0013

%RSD	.20810	.10177	.18213	.11231	.37327	.03201	.13422
#1	.46041	12.067	12.712	.62166	.81054	.92393	1.0027
#2	.45906	12.050	12.745	.62067	.80627	.92435	1.0008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0595	1.2196	.98108	.96010	.83313	.83898
SDev	.0011	.0017	.00221	.00344	.00129	.00275
%RSD	.10183	.14334	.22497	.35815	.15527	.32770
#1	1.0603	1.2209	.98264	.95767	.83222	.83703
#2	1.0587	1.2184	.97952	.96253	.83405	.84092

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40066	--	--	--	--	--	--
SDev	49.49748	--	--	--	--	--	--
%RSD	.1235398	--	--	--	--	--	--
#1	40031	--	--	--	--	--	--
#2	40101	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50945-a-3-a Operator: SRP
Run Time: 02/24/12 12:38:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	122.59	.00915	.01575	1.4470	.01061	.01968	.00015
SDev	.24	.00051	.00002	.0016	.00001	.00000	.00030
%RSD	.19757	5.5710	.14750	.10991	.05831	.01559	200.77
#1	122.41	.00951	.01574	1.4458	.01061	.01968	.00036
#2	122.76	.00879	.01577	1.4481	.01062	.01968	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	291.43	.13465	.06078	.10614	110.27	.16955	.07227
SDev	.16	.00033	.00047	.00079	.05	.00026	.00089
%RSD	.05551	.24553	.76436	.74203	.04576	.15390	1.2269
#1	291.31	.13441	.06111	.10558	110.24	.16936	.07164
#2	291.54	.13488	.06045	.10670	110.31	.16973	.07289

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	55.741	2.2264	.00293	.20292	14.873	4.1936
SDev	.00286	.027	.0021	.00150	.00025	.024	.0097
%RSD	100.46	.04907	.09263	51.168	.12298	.16465	.23120
#1	.00486	55.722	2.2250	.00399	.20309	14.856	4.1868
#2	.00082	55.761	2.2279	.00187	.20274	14.890	4.2005

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00151	3.4615	3.7200	.25475	-.01509	.03282	.35590
SDev	.00105	.1746	.0090	.00046	.00507	.00225	.00026
%RSD	69.783	5.0453	.24134	.18088	33.584	6.8523	.07172
#1	-.00076	3.5849	3.7137	.25442	-.01150	.03441	.35571
#2	-.00225	3.3380	3.7264	.25508	-.01867	.03123	.35608

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13023	.31212	.06800	.07440	-.00545	.00699
SDev	.00016	.00019	.00060	.00103	.00378	.00240
%RSD	.12341	.05989	.88321	1.3840	69.400	34.283
#1	.13012	.31226	.06758	.07367	-.00277	.00868
#2	.13035	.31199	.06843	.07512	-.00812	.00529

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41216	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0377435	--	--	--	--	--	--
#1	41205	--	--	--	--	--	--
#2	41227	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-50945-a-4-a Operator: SRP
Run Time: 02/24/12 12:42:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	120.03	.00215	.01282	1.4505	.00924	.02575	.00068
SDev	1.74	.00289	.00026	.0232	.00014	.00125	.00004
%RSD	1.4533	134.32	1.9877	1.6007	1.5044	4.8356	6.0670
#1	121.26	.00011	.01300	1.4669	.00934	.02663	.00065
#2	118.80	.00420	.01264	1.4341	.00914	.02486	.00070

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	585.79	.13027	.05009	.09544	108.39	.18050	.07797
SDev	8.69	.00211	.00079	.00132	1.70	.00258	.00072
%RSD	1.4830	1.6194	1.5696	1.3831	1.5724	1.4265	.92421
#1	591.93	.13176	.05065	.09637	109.60	.18232	.07848
#2	579.65	.12878	.04954	.09450	107.19	.17868	.07746

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	57.249	1.3784	.00110	.19610	15.820	4.9538
SDev	.00050	.886	.0214	.00064	.00305	.262	.0694
%RSD	57.124	1.5483	1.5560	57.704	1.5545	1.6572	1.4007

#1	.00052	57.876	1.3935	.00155	.19826	16.005	5.0028
#2	.00123	56.623	1.3632	.00065	.19394	15.635	4.9047

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00260	2.3981	3.0218	.37741	-.01629	.03235	.59335
SDev	.00052	.0907	.0430	.00590	.00032	.00190	.00932
%RSD	20.154	3.7817	1.4225	1.5627	1.9485	5.8674	1.5698
#1	-.00223	2.4622	3.0522	.38158	-.01652	.03369	.59994
#2	-.00297	2.3339	2.9914	.37324	-.01607	.03101	.58676

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12515	.30228	.07545	.07923	-.00171	.00217
SDev	.00200	.00506	.00202	.00007	.00278	.00214
%RSD	1.5965	1.6743	2.6828	.08683	162.02	98.454
#1	.12657	.30586	.07688	.07927	.00025	.00066
#2	.12374	.29870	.07402	.07918	-.00368	.00369

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39127	--	--	--	--	--	--
SDev	660.4377	--	--	--	--	--	--
%RSD	1.687933	--	--	--	--	--	--
#1	38660	--	--	--	--	--	--
#2	39594	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 12:45:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4205	.46259	.47779	.45120	.51158	.46967	.46285
SDev	.1118	.01830	.01892	.01721	.01945	.01569	.01765
%RSD	4.6177	3.9553	3.9593	3.8147	3.8013	3.3404	3.8131
#1	2.4996	.47553	.49117	.46337	.52533	.48077	.47533
#2	2.3415	.44965	.46441	.43903	.49783	.45858	.45037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.463	.49286	.49387	.49603	2.4434	.44145	.48099
SDev	.540	.01960	.01805	.01880	.0955	.01697	.01480
%RSD	4.3325	3.9763	3.6554	3.7894	3.9088	3.8437	3.0776
#1	12.845	.50671	.50663	.50932	2.5110	.45345	.49145
#2	12.081	.47900	.48110	.48273	2.3759	.42945	.47052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49168	4.9545	.48081	.47890	.46595	11.344	.96267
SDev	.01191	.2144	.01824	.01536	.01690	.531	.04147
%RSD	2.4227	4.3269	3.7933	3.2068	3.6261	4.6823	4.3084
#1	.50010	5.1060	.49371	.48976	.47790	11.720	.99199
#2	.48326	4.8029	.46792	.46804	.45400	10.968	.93334

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23952	11.845	11.579	.22708	.45507	.50136	.49215
SDev	.00765	.451	.441	.00857	.01363	.01994	.01896
%RSD	3.1930	3.8051	3.8070	3.7721	2.9949	3.9770	3.8526
#1	.24493	12.164	11.891	.23314	.46471	.51546	.50556
#2	.23411	11.526	11.268	.22102	.44544	.48726	.47875

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49326	.47631	.48922	.47687	.49709	.48904
SDev	.01876	.01765	.01508	.01466	.01269	.01153
%RSD	3.8022	3.7049	3.0832	3.0747	2.5532	2.3566
#1	.50652	.48879	.49989	.48724	.50606	.49719
#2	.47999	.46383	.47855	.46650	.48811	.48089

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40100	--	--	--	--	--	--
SDev	1224.709	--	--	--	--	--	--
%RSD	3.054137	--	--	--	--	--	--
#1	39234	--	--	--	--	--	--
#2	40966	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 12:49:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01456	.00206	-.00175	.00046	.00058	.00231	.00023
SDev	.00146	.00278	.00109	.00005	.00002	.00042	.00000
%RSD	10.045	134.76	62.297	10.159	3.0551	18.297	1.4145
#1	-.01352	.00010	-.00253	.00043	.00057	.00201	.00023
#2	-.01559	.00403	-.00098	.00050	.00059	.00261	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04145	.00044	.00052	.00114	.01002	-.00012	.00085
SDev	.01028	.00050	.00036	.00046	.00886	.00004	.00002
%RSD	24.801	114.45	69.606	39.837	88.397	31.622	2.3582

#1	.04871	.00008	.00027	.00082	.00376	-.00015	.00086
#2	.03418	.00079	.00078	.00147	.01629	-.00010	.00083

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00380	-.01008	.00043	.00172	.00066	-.15205	.00650
SDev	.00168	.00085	.00000	.00100	.00018	.01657	.00000
%RSD	44.135	8.4432	.00602	58.428	27.199	10.899	.03936
#1	.00499	-.00948	.00043	.00243	.00054	-.16377	.00650
#2	.00261	-.01068	.00043	.00101	.00079	-.14033	.00650

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.06331	-.00541	.00017	-.00065	.00148	.00051
SDev	.00035	.14475	.00059	.00000	.00216	.00065	.00014
%RSD	99.410	228.65	10.986	1.1010	332.71	44.089	27.803

#1	.00010	-.03905	-.00583	.00016	.00088	.00194	.00041
#2	.00060	.16566	-.00499	.00017	-.00217	.00102	.00061

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00020	-.00113	.00183	.00703	.00218
SDev	.00052	.00018	.00006	.00006	.00200	.00152
%RSD	75.079	87.710	5.6788	3.3821	28.434	69.405
#1	.00032	.00008	-.00118	.00188	.00844	.00326
#2	.00105	.00033	-.00108	.00179	.00562	.00111

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39504	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0089497	--	--	--	--	--	--
#1	39502	--	--	--	--	--	--
#2	39507	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS-600-50893-c-2-c Operator: SRP
Run Time: 02/24/12 12:53:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	177.67	.80251	.90379	1.9879	.40788	.83122	.34629
SDev	.14	.00402	.00423	.0006	.00020	.00027	.00007
%RSD	.08072	.50107	.46809	.03104	.04913	.03297	.02030
#1	177.57	.80535	.90080	1.9883	.40774	.83103	.34634
#2	177.78	.79966	.90678	1.9874	.40802	.83141	.34624

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1776.7	.91921	.83799	.93506	136.21	.99896	.84653
SDev	1.6	.00118	.00075	.00156	.12	.00018	.00492
%RSD	.08934	.12840	.09000	.16673	.08657	.01811	.58114
#1	1777.8	.91838	.83852	.93396	136.30	.99884	.84305
#2	1775.6	.92005	.83746	.93616	136.13	.99909	.85001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79783	31.796	8.8328	.78745	.86852	31.602	8.4328
SDev	.00350	.035	.0018	.00261	.00185	.005	.0096
%RSD	.43913	.11017	.02036	.33114	.21335	.01569	.11431
#1	.79535	31.771	8.8315	.78561	.86983	31.598	8.4260
#2	.80031	31.821	8.8341	.78930	.86721	31.605	8.4397

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43997	11.440	13.538	5.8272	.69339	.82600	.92066
SDev	.00032	.236	.016	.0015	.00328	.00138	.00068

%RSD	.07260	2.0603	.12161	.02500	.47264	.16770	.07402
#1	.44019	11.606	13.527	5.8262	.69107	.82698	.92018
#2	.43974	11.273	13.550	5.8283	.69570	.82502	.92114

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1783	1.1695	.86290	.83835	.81155	.79097
SDev	.0001	.0013	.00521	.00998	.01544	.01298
%RSD	.00823	.10896	.60372	1.1909	1.9027	1.6405
#1	1.1782	1.1686	.86658	.83129	.82247	.78179
#2	1.1783	1.1704	.85922	.84541	.80063	.80014

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40234	--	--	--	--	--	--
SDev	106.0660	--	--	--	--	--	--
%RSD	.2636229	--	--	--	--	--	--
#1	40159	--	--	--	--	--	--
#2	40309	--	--	--	--	--	--

Method: 20076010 Sample Name: SD-600-50893-c-2-c@5 Operator: SRP
Run Time: 02/24/12 12:57:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.277	.00083	.01961	.33735	.00279	.00835	.00138
SDev	.602	.00385	.00029	.00377	.00001	.00054	.00001

%RSD	1.3015	466.67	1.4571	1.1167	.45501	6.4773	.86130
#1	46.703	.00355	.01981	.34001	.00280	.00873	.00139
#2	45.851	-.00190	.01941	.33468	.00278	.00797	.00137

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	777.56	.04301	.02248	.02602	36.180	.02620	.02643
SDev	7.97	.00049	.00029	.00089	.403	.00035	.00099
%RSD	1.0246	1.1428	1.3082	3.4338	1.1129	1.3296	3.7595
#1	783.19	.04336	.02269	.02665	36.465	.02644	.02713
#2	771.92	.04266	.02228	.02539	35.895	.02595	.02572

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00300	7.0196	2.3193	.00342	.05015	4.1412	2.0629
SDev	.00411	.0857	.0251	.00074	.00060	.0710	.0253
%RSD	136.87	1.2215	1.0818	21.606	1.1908	1.7141	1.2270
#1	.00590	7.0803	2.3371	.00395	.05058	4.1914	2.0808
#2	.00010	6.9590	2.3016	.00290	.04973	4.0910	2.0450

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00021	.45547	.64099	1.3544	-.00227	.00719	.04089
SDev	.00005	.02648	.00940	.0161	.00197	.00037	.00034
%RSD	23.016	5.8131	1.4661	1.1898	86.867	5.0993	.82481
#1	-.00025	.47419	.64764	1.3658	-.00088	.00745	.04113
#2	-.00018	.43675	.63435	1.3430	-.00367	.00693	.04065

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10857	.10750	.02316	.02806	.00350	.00275
SDev	.00102	.00125	.00085	.00106	.00375	.00428
%RSD	.93458	1.1640	3.6790	3.7927	106.99	155.91
#1	.10929	.10838	.02376	.02881	.00615	.00578
#2	.10785	.10661	.02256	.02731	.00085	-.00028

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37959	--	--	--	--	--	--
SDev	203.6468	--	--	--	--	--	--
%RSD	.5364913	--	--	--	--	--	--
#1	37815	--	--	--	--	--	--
#2	38103	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI-met1211low_00003 Operator: SRP
Run Time: 02/24/12 13:01:21
Comment: TRACE 61E

Analysis Report Blank Sample 02/24/12 01:05:09 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02991	.00754	.00305	.00524	.00571	.00694	.00500
SDev	.01783	.00045	.00062	.00023	.00006	.00003	.00008
%RSD	59.629	5.9517	20.232	4.3099	1.1387	.51076	1.6472
#1	.04252	.00786	.00349	.00540	.00575	.00691	.00505
#2	.01730	.00722	.00261	.00508	.00566	.00696	.00494

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60824	.00576	.00496	.00665	.03430	-.00020	.00564
SDev	.35547	.00018	.00003	.00030	.02502	.00012	.00084
%RSD	58.443	3.1626	.49412	4.5598	72.950	60.665	14.923
#1	.85960	.00588	.00498	.00686	.05200	-.00012	.00623
#2	.35688	.00563	.00495	.00643	.01661	-.00029	.00504

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00823	.04289	.00636	.00534	.00512	.45480	.00979
SDev	.00021	.00938	.00105	.00025	.00071	.03878	.00319
%RSD	2.5957	21.865	16.495	4.6107	13.804	8.5276	32.564
#1	.00808	.04952	.00710	.00517	.00562	.48222	.01204
#2	.00839	.03626	.00562	.00552	.00462	.42737	.00754

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00359	.52567	.56258	.00079	.00413	.00016	.00579
SDev	.00024	.14385	.00160	.00056	.00157	.00008	.00013
%RSD	6.6899	27.364	.28499	70.569	37.936	49.225	2.2900
#1	.00376	.62738	.56371	.00119	.00524	.00010	.00588
#2	.00342	.42395	.56144	.00040	.00302	.00021	.00569

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00560	.00547	.00479	.00606	.00694	.00888
SDev	.00032	.00004	.00047	.00150	.00345	.00140
%RSD	5.8016	.69172	9.8533	24.717	49.648	15.793
#1	.00583	.00550	.00446	.00712	.00450	.00987
#2	.00537	.00545	.00513	.00500	.00938	.00789

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38921	--	--	--	--	--	--
SDev	219.2031	--	--	--	--	--	--
%RSD	.5632001	--	--	--	--	--	--
#1	38766	--	--	--	--	--	--
#2	39076	--	--	--	--	--	--

Analysis Report Blank Sample 02/24/12 01:05:09 PM page 15

Method: 20076010 Sample Name: ICSA-metisa_00067 Operator: SRP
Run Time: 02/24/12 13:05:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	512.52	1.0004	1.0248	.97878	.52319	1.0236	.45613
SDev	1.11	.0002	.0061	.00335	.00135	.0021	.00134
%RSD	.21604	.01785	.59891	.34223	.25720	.20850	.29445
#1	513.30	1.0005	1.0292	.98115	.52414	1.0251	.45708
#2	511.73	1.0003	1.0205	.97641	.52223	1.0220	.45518

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	474.81	1.0070	.96982	1.0886	207.92	1.1406	.98207
SDev	.40	.0038	.00281	.0040	.71	.0034	.00158
%RSD	.08487	.38032	.29018	.36329	.33995	.30113	.16061
#1	475.09	1.0097	.97181	1.0914	208.42	1.1430	.98318
#2	474.52	1.0042	.96783	1.0858	207.42	1.1382	.98095

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0361	544.13	.98971	.99855	.90304	13.858	1.0340
SDev	.0014	.87	.00284	.00207	.00332	.024	.0043
%RSD	.13719	.15950	.28745	.20735	.36749	.17355	.41605
#1	1.0351	544.74	.99172	1.0000	.90539	13.875	1.0371

#2	1.0371	543.52	.98770	.99709	.90070	13.841	1.0310

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54281	11.703	13.124	.47177	.90083	1.0185	1.0176
SDev	.00161	.068	.032	.00153	.00650	.0057	.0033
%RSD	.29755	.57936	.24192	.32358	.72165	.55948	.32104
#1	.54395	11.751	13.146	.47284	.90542	1.0225	1.0199
#2	.54167	11.655	13.101	.47069	.89623	1.0144	1.0153

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0162	.99784	.98772	.97924	1.0397	1.0343
SDev	.0038	.00298	.00605	.00066	.0039	.0041
%RSD	.37229	.29894	.61205	.06707	.37394	.39409
#1	1.0189	.99995	.99199	.97878	1.0424	1.0314
#2	1.0135	.99574	.98344	.97971	1.0369	1.0372

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34984	--	--	--	--	--	--

Analysis Report Blank Sample 02/24/12 01:09:00 PM page 16

SDev	9.192388	--	--	--	--	--	--
%RSD	.0262756	--	--	--	--	--	--
#1	34991	--	--	--	--	--	--
#2	34978	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB-metisb_00069 Operator: SRP
Run Time: 02/24/12 13:09:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	491.00	.00049	-.00338	.00172	.00025	-.00459	.00016
SDev	1.61	.00478	.00274	.00010	.00004	.00063	.00024
%RSD	.32891	978.50	80.950	5.9646	14.225	13.638	148.62
#1	489.86	.00387	-.00144	.00180	.00028	-.00415	.00033
#2	492.14	-.00289	-.00531	.00165	.00023	-.00504	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	456.38	.00191	-.00082	.01407	192.50	.00375	.00018
SDev	.33	.00021	.00051	.00045	.13	.00005	.00079
%RSD	.07336	11.033	62.563	3.1719	.06898	1.4527	440.62
#1	456.62	.00206	-.00046	.01439	192.59	.00378	-.00038
#2	456.14	.00176	-.00118	.01376	192.41	.00371	.00074

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00906	520.94	-.00830	.00431	.00073	-.04982	.01534
SDev	.00330	.06	.00017	.00195	.00018	.00330	.00146
%RSD	36.418	.01137	2.0741	45.179	24.744	6.6272	9.4906

#1	.00673	520.98	-.00818	.00569	.00061	-.04749	.01637
#2	.01139	520.90	-.00842	.00293	.00086	-.05216	.01431

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	-.00678	.17127	-.00910	-.01824	.00174	-.00380
SDev	.00068	.00781	.00198	.00002	.00927	.00389	.00015
%RSD	132.39	115.32	1.1581	.20010	50.842	223.82	3.8186
#1	-.00003	-.01230	.17267	-.00909	-.01168	.00448	-.00370
#2	-.00100	-.00125	.16987	-.00912	-.02480	-.00101	-.00390

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	-.00029	-.01061	.00557	.01247	.00735
SDev	.00034	.00005	.00192	.00022	.00190	.00400
%RSD	11.433	15.816	18.137	3.9605	15.230	54.388
#1	.00322	-.00026	-.01197	.00542	.01113	.00452
#2	.00274	-.00032	-.00925	.00573	.01381	.01018

Analysis Report Blank Sample 02/24/12 01:12:51 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35560	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.1093684	--	--	--	--	--	--
#1	35587	--	--	--	--	--	--
#2	35532	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV-met0212ccv_00001 Operator: SRP
Run Time: 02/24/12 13:12:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5660	.48192	.49600	.46995	.53144	.48888	.48297
SDev	.0322	.00169	.00040	.00028	.00016	.00114	.00036
%RSD	1.2538	.35143	.07995	.05925	.03075	.23267	.07366
#1	2.5887	.48073	.49628	.46975	.53133	.48808	.48271
#2	2.5432	.48312	.49572	.47015	.53156	.48969	.48322

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.974	.51345	.51338	.51585	2.5743	.45910	.50039
SDev	.039	.00070	.00051	.00011	.0135	.00018	.00215
%RSD	.30061	.13655	.09930	.02099	.52379	.03863	.43027
#1	13.002	.51295	.51302	.51593	2.5839	.45922	.49887
#2	12.947	.51394	.51374	.51577	2.5648	.45897	.50191

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51212	5.2525	.50057	.50040	.48733	11.926	.99354

SDev	.00286	.0359	.00044	.00347	.00067	.008	.00118
%RSD	.55890	.68321	.08698	.69383	.13755	.07079	.11883
#1	.51009	5.2778	.50026	.49794	.48781	11.932	.99270
#2	.51414	5.2271	.50088	.50285	.48686	11.920	.99437

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24944	12.451	11.995	.23715	.47225	.52325	.51235
SDev	.00062	.055	.012	.00002	.00600	.00192	.00026
%RSD	.24745	.43880	.10304	.00965	1.2707	.36772	.05009
#1	.24900	12.490	12.004	.23713	.46800	.52189	.51216
#2	.24988	12.413	11.986	.23716	.47649	.52461	.51253

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.51370	.49735	.50809	.49654	.51552	.51047	
SDev	.00055	.00063	.00190	.00228	.00380	.00619	
%RSD	.10633	.12634	.37329	.45942	.73639	1.2129	□

#1	.51331	.49779	.50675	.49492	.51821	.50610
#2	.51409	.49690	.50944	.49815	.51284	.51485

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38056	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0650333	--	--	--	--	--	--
#1	38073	--	--	--	--	--	--
#2	38038	--	--	--	--	--	--

□

Method: 20076010 Sample Name: CCB Operator: SRP
Run Time: 02/24/12 13:20:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01492	.00169	-.00245	.00032	.00046	.00151	.00014
SDev	.00254	.00194	.00066	.00011	.00002	.00100	.00006
%RSD	17.032	114.89	26.989	33.758	4.1336	66.225	40.784
#1	-.01313	.00306	-.00198	.00039	.00048	.00221	.00018
#2	-.01672	.00032	-.00292	.00024	.00045	.00080	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02553	.00042	.00001	.00086	-.01150	-.00028	.00014
SDev	.00161	.00009	.00002	.00017	.00873	.00008	.00035
%RSD	6.3201	21.837	334.87	19.817	75.937	29.004	249.96
#1	.02667	.00048	.00002	.00098	-.00532	-.00022	-.00011
#2	.02439	.00035	-.00001	.00074	-.01767	-.00034	.00039

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	-.01316	.00023	.00124	.00021	-.17643	.00283
SDev	.00019	.00736	.00007	.00052	.00004	.04191	.00291
%RSD	8.2988	55.913	30.739	41.656	19.170	23.753	102.73
#1	.00242	-.00796	.00028	.00088	.00024	-.14680	.00489
#2	.00215	-.01836	.00018	.00161	.00018	-.20607	.00077

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.11024	-.00806	.00013	.00182	.00002	.00021
SDev	.00011	.05284	.00243	.00005	.00103	.00029	.00016
%RSD	114.65	47.929	30.116	37.703	56.387	1757.8	79.019
#1	-.00018	-.14761	-.00634	.00016	.00110	-.00019	.00033
#2	-.00002	-.07288	-.00977	.00009	.00255	.00022	.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00007	-.00064	.00053	.00242	.00222
SDev	.00023	.00003	.00286	.00090	.00164	.00111
%RSD	359.44	41.226	448.09	170.50	68.090	49.769
#1	.00023	.00005	-.00266	.00117	.00125	.00301
#2	-.00010	.00009	.00138	-.00011	.00358	.00144

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39364	--	--	--	--	--	--
SDev	253.8513	--	--	--	--	--	--
%RSD	.6448901	--	--	--	--	--	--

#1	39184	--	--	--	--	--	--
#2	39543	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Batch Number: 73061 Batch Start Date: 02/23/12 11:52 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METH202 00018	METHCL 00036	METHNO3 00026	METSLCSS 00016
MB 600-73061/1		3050B, 6010B		1.00 g	50 mL	4 mL	2.5 mL	5 mL	
LCS 600-73061/2		3050B, 6010B		0.50 g	50 mL	4 mL	2.5 mL	5 mL	0.5 g
600-50964-A-1	2012-NDA-4 (2-4)	3050B, 6010B	T	1.05 g	50 mL	4 mL	2.5 mL	5 mL	
600-50964-A-2	2012-NDA-6 (0-2)	3050B, 6010B	T	1.03 g	50 mL	4 mL	2.5 mL	5 mL	

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	516

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Batch Number: 73114 Batch Start Date: 02/24/12 05:03 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00026	METSPIKEA 00011	METSPIKEB 00012
MB 600-73114/1		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-73114/2		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL
600-50964-A-3	Equipment Blank 9	3010A, 6010B	T	50 mL	50 mL	2.5 mL	2.5 mL		

Batch Notes	
Hood ID or number	M-4
Hot Block ID number	#1
Pipette ID	MPH
Temperature	94.7 Degrees C.
ID number of the thermometer	#515

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-50964-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-NDA-4 (2-4)	600-50964-1
2012-NDA-6 (0-2)	600-50964-2

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-50964-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 02/25/2012 12:30 End Date: 02/25/2012 12:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:30	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 02/25/2012 12:30 End Date: 02/25/2012 12:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:30																					
ZZZZZZ			12:30																					
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ZZZZZZ			12:30																					
600-50964-1	1	T	12:30	X	X																			
600-50964-2	1	T	12:30	X	X																			
ZZZZZZ			12:30																					
ZZZZZZ			12:30																					
ZZZZZZ			12:30																					
ZZZZZZ			12:30																					
ZZZZZZ			12:30																					

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-50964-1

SDG No.:

Batch Number: 73224 Batch Start Date: 02/25/12 12:30 Batch Analyst: Boza, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-50964-A-1	2012-NDA-4 (2-4)	Moisture	T	1.15 g	22.46 g	17.44 g			
600-50964-A-2	2012-NDA-6 (0-2)	Moisture	T	1.14 g	21.67 g	17.08 g			

Batch Notes	
Balance ID	B-2 No Unit
Oven ID	O-8

Basis	Basis Description
T	Total/NA

TestAmerica Houston
6310 Rookin Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Loc: 600
50964

03/13/2012

Client Information	Sampler: Chris Moore	Lab PM:	Carrier:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com	
Company: Pastor, Behling and Wheeler			
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:		
City: Round Rock			
State, Zip: TX, 78664			
Phone: (512) 671-3434	PO #:		
Email: chris.moore@pbwllc.com	WO #:		
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732		
Site: Exide Frisco Recycling Center	SSOW#:		

COC No:
Page: Page 1 of 1
Job #: 1732

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Analysis Request

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:													1,D		
202-NDA-4 (2-4)	2/22/12	1442	G	S	N	N										X	1	48 hr rush
202-NDA-6 (0-2)	↓	1553	↓	↓	↓	↓										X	1	↓
Equipment Blank	↓	1617	↓	↓	↓	↓										X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify) IV

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: FedEx

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	2/22/12, 1740	PBW		2/23/12 852	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-50964-1

Login Number: 50964

List Source: TestAmerica Houston

List Number: 1

Creator: Capps, Dana

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	7.9
Cooler Temperature is recorded.	True	545
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Tel: (713)690-4444

TestAmerica Job ID: 600-52117-1
Client Project/Site: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, Texas 78664

Attn: Mr. Chris Moore

Authorized for release by:
4/18/2012 5:32:19 PM
Cathy Upton
LAN Analyst
cathy.upton@testamericainc.com

Designee for

Sachin Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
TRRP Cover Page 3
TRRP Checklists & DCSs 4
Method Summary 24
Sample Summary 25
Client Sample Results 26
Definitions/Glossary 27
QC Sample Results 28
Default Detection Limits 32
QC Association Summary 33
Lab Chronicle 35
Certification Summary 36
Raw Data 37
Chain of Custody 282
Receipt Checklists 283

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-52117-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		04/18/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 75619 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?		X			1
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?			X		
		Were blanks analyzed at the appropriate frequency?			X		
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?			X		
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 75619 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 75619 - pH

ER #[1]	DESCRIPTION
1	The EPA has clarified that the Analyzed Immediately holding time is fifteen minutes from sample collection time. As a result, the holding times for pH had already expired by the time the samples arrived at our laboratory.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75477- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75477- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75477- Ignitability (Flashpoint)
ER #[1]	**DESCRIPTION**

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75826-Reactivity, Cyanide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75826-Reactivity, Cyanide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-75826-Reactivity, Cyanide
ER #[1]	**DESCRIPTION**

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/18/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-77259-Reactivity, Sulfide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/18/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-77259-Reactivity, Sulfide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/18/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: BDG	Prep Batch Number(s): 600-77259-Reactivity, Sulfide

ER #[1]	DESCRIPTION
1	The laboratory selected a sample from another group to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75754(SPLP), 75042(water)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75754(SPLP), 75042(water)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	3
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/12/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75754(SPLP), 75042(water)- ICP

ER #[1]	DESCRIPTION
1	Arsenic and barium were detected above the MDL, but below the MQL in the leachate blank. The levels of detection are below the recommended reporting limits and the appropriate flags have been applied.
2	The laboratory selected another client's sample to perform as the DUP.
3	Arsenic was detected above the MDL in the CCB's analyzed on 03/28/12 at 11:13 and 11:59. Since the concentrations were below the MQL, no corrective action was required.
4	The laboratory selected another client's sample to perform as the PDS/SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75815- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	2
		Were MS/MSD RPDs within laboratory QC limits?				X	2
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	3
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75815- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	4
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52117
Reviewer Name: TWR	Prep Batch Number(s): 600-75815- Mercury

ER #[1]	DESCRIPTION
1	Mercury was detected above the MDL, but below the MQL in the prep blank and the leachate blank. The levels of detection are below the recommended reporting limit and the appropriate flags have been applied.
2	The laboratory selected another client's sample to perform as the MS/MSD.
3	The laboratory selected another client's sample to perform as the DUP.
4	The laboratory selected another client's sample to perform as the PDS/SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALs Batches:	75833
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.008	0.5
Antimony	0.0063	0.01	0.0095	0.05
Arsenic	0.0033	0.01	0.0079	0.01
Barium	0.0022	0.005	0.0049	0.02
Beryllium	0.00134	0.002	0.0042	0.005
Boron	0.0077	0.02	0.0204	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.0589	1
Chromium	0.0016	0.002	0.0043	0.01
Cobalt	0.00063	0.001	0.0011	0.01
Copper	0.0014	0.002	0.0014	0.01
Iron	0.087	0.1	0.1005	0.4
Lithium	0.0024	0.005	0.0054	0.2
Lead	0.0029	0.005	0.0054	0.01
Selenium	0.0042	0.01	0.0084	0.04
Manganese	0.00084	0.002	0.002	0.01
Molybdenum	0.0027	0.005	0.005	0.01
Nickel	0.00179	0.005	0.0049	0.01
Silver	0.0012	0.0025	0.0025	0.01
Sodium	0.02	0.05	0.0559	1
Strontium	0.0005	0.001	0.0011	0.005
Thallium	0.0078	0.02	0.0195	0.03
Tin	0.0028	0.005	0.0048	0.01
Titanium	0.0011	0.002	0.0018	0.01
Vanadium	0.0017	0.002	0.0048	0.01
Zinc	0.0022	0.005	0.0064	0.01

Detection Check Standard

Matrix:	Water
Method:	7470, 245.1
Preparation:	7470p, 245.1p
Date Analyzed:	2/28/2012
Date Prepared:	2/28/2012
Instrument:	FIMS100
TALs Batches:	73427
Units:	ug/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Mercury	0.026	0.0625	0.0296	0.2

Method Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52117-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL HOU
7470A	Mercury (CVAA)	SW846	TAL HOU
7.4.4	Reactive Sulfide	EPA	TAL HOU
9012	Cyanide, Reactive	SW846	TAL HOU
9040B	Corrosivity as pH	SW846	TAL HOU
SW846 Ch. 7	Ignitability	SW846	TAL HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52117-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-52117-1	IDW 3	Water	03/15/12 12:10	03/16/12 09:09

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52117-1

Client Sample ID: IDW 3
Date Collected: 03/15/12 12:10
Date Received: 03/16/12 09:09

Lab Sample ID: 600-52117-1
Matrix: Water

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.00913**	**J**	0.0100	0.00290	mg/L		03/19/12 11:36	03/23/12 12:51	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	0.0290	U	0.100	0.0290	mg/L		03/27/12 14:15	03/28/12 11:05	1
Cr	0.0155	U	0.100	0.0155	mg/L		03/27/12 14:15	03/28/12 11:05	1
Cd	0.00350	U	0.0500	0.00350	mg/L		03/27/12 14:15	03/28/12 11:05	1
Ba	**0.415**	**b**	0.200	0.0220	mg/L		03/27/12 14:15	03/28/12 11:05	1
As	0.0328	U	0.100	0.0328	mg/L		03/27/12 14:15	03/28/12 11:05	1
Ag	0.0125	U	0.100	0.0125	mg/L		03/27/12 14:15	03/28/12 11:05	1
Se	0.0417	U	0.400	0.0417	mg/L		03/27/12 14:15	03/28/12 11:05	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0351**	**J b**	0.200	0.0260	ug/L		03/28/12 08:49	03/28/12 17:32	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	1.40	U	50.0	1.40	mg/L		04/16/12 13:19	04/16/12 16:36	1
Cyanide, Reactive	0.0397	U	0.250	0.0397	mg/L		03/28/12 09:29	03/27/12 17:00	1
pH	**7.47**	**H**	0.0100	0.0100	SU			03/26/12 09:20	1
Flashpoint	**>186**		1.00	1.00	Degrees F			03/22/12 16:00	1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
U	Analyte was not detected at or above the SDL.
b	The compound was found in the blank and sample

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-75042/1-A
Matrix: Water
Analysis Batch: 75482

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75042

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.00290	U	0.0100	0.00290	mg/L		03/19/12 11:36	03/23/12 12:43	1

Lab Sample ID: LCS 600-75042/2-A
Matrix: Water
Analysis Batch: 75482

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.9845		mg/L		98	80 - 120

Lab Sample ID: MB 600-75754/1-A
Matrix: Water
Analysis Batch: 75851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75754

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	0.00155	U	0.0100	0.00155	mg/L		03/27/12 14:15	03/28/12 10:31	1
Pb	0.00290	U	0.0100	0.00290	mg/L		03/27/12 14:15	03/28/12 10:31	1
Cd	0.000350	U	0.00500	0.000350	mg/L		03/27/12 14:15	03/28/12 10:31	1
Ba	0.00220	U	0.0200	0.00220	mg/L		03/27/12 14:15	03/28/12 10:31	1
As	0.00328	U	0.0100	0.00328	mg/L		03/27/12 14:15	03/28/12 10:31	1
Ag	0.00125	U	0.0100	0.00125	mg/L		03/27/12 14:15	03/28/12 10:31	1
Se	0.00417	U	0.0400	0.00417	mg/L		03/27/12 14:15	03/28/12 10:31	1

Lab Sample ID: LCS 600-75754/2-A
Matrix: Water
Analysis Batch: 75851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr	1.00	1.030		mg/L		103	80 - 120
Pb	1.00	1.036		mg/L		104	80 - 120
Cd	0.500	0.5266		mg/L		105	80 - 120
Ba	1.00	1.041		mg/L		104	80 - 120
As	1.00	1.039		mg/L		104	80 - 120
Ag	0.500	0.5176		mg/L		104	80 - 120
Se	1.00	1.029		mg/L		103	80 - 120

Lab Sample ID: LB 600-75710/1-B LB
Matrix: Water
Analysis Batch: 75851

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 75754

Analyte	LB Result	LB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	0.0155	U	0.100	0.0155	mg/L		03/27/12 14:15	03/28/12 10:39	1
Pb	0.0290	U	0.100	0.0290	mg/L		03/27/12 14:15	03/28/12 10:39	1
Cd	0.00350	U	0.0500	0.00350	mg/L		03/27/12 14:15	03/28/12 10:39	1
Ba	0.05370	J	0.200	0.0220	mg/L		03/27/12 14:15	03/28/12 10:39	1
As	0.03750	J	0.100	0.0328	mg/L		03/27/12 14:15	03/28/12 10:39	1
Ag	0.0125	U	0.100	0.0125	mg/L		03/27/12 14:15	03/28/12 10:39	1
Se	0.0417	U	0.400	0.0417	mg/L		03/27/12 14:15	03/28/12 10:39	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 600-52117-1 MS — **Client Sample ID: IDW 3**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 75851 — **Prep Batch: 75754**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr	0.0155	U	10.0	10.21		mg/L		102	75 - 125
Pb	0.0290	U	10.0	10.33		mg/L		103	75 - 125
Cd	0.00350	U	5.00	5.289		mg/L		106	75 - 125
Ba	0.415	b	10.0	10.98		mg/L		106	75 - 125
As	0.0328	U	10.0	10.62		mg/L		106	75 - 125
Ag	0.0125	U	5.00	4.830		mg/L		97	75 - 125
Se	0.0417	U	10.0	10.32		mg/L		103	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 600-75815/7-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75902 — **Prep Batch: 75815**

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.04043	J	0.200	0.0260	ug/L		03/28/12 08:49	03/28/12 17:09	1

Lab Sample ID: LCS 600-75815/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75902 — **Prep Batch: 75815**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.00	3.015		ug/L		100	70 - 130

Lab Sample ID: LB 600-75710/1-E LB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 75902 — **Prep Batch: 75815**

Analyte	LB Result	LB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.04243	J	0.200	0.0260	ug/L		03/28/12 08:49	03/28/12 17:13	1

Method: 7.4.4 - Reactive Sulfide

Lab Sample ID: MB 600-77259/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 77293 — **Prep Batch: 77259**

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	1.40	U	50.0	1.40	mg/L		04/16/12 13:19	04/16/12 16:36	1

Lab Sample ID: LCS 600-77259/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 77293 — **Prep Batch: 77259**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	2260	1.40	U	mg/L		0	0 - 100

Method: 7.4.4 - Reactive Sulfide (Continued)

Lab Sample ID: 600-52117-1 MS — **Client Sample ID: IDW 3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 77293 — **Prep Batch: 77259**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1.40	U	2260	1.40	U	mg/L		0	0 - 100

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 600-75813/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75896 — **Prep Batch: 75813**

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	0.0397	U	0.250	0.0397	mg/L		03/27/12 17:00	03/27/12 17:00	1

Lab Sample ID: LCS 600-75813/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75896 — **Prep Batch: 75813**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000000	62.65		mg/L		0.006	0 - 100

Lab Sample ID: 600-52117-1 MS — **Client Sample ID: IDW 3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75896 — **Prep Batch: 75826**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	0.0397	U	1000000	91.13		mg/L		0.009	0 - 100

Lab Sample ID: 600-52117-1 DU — **Client Sample ID: IDW 3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75896 — **Prep Batch: 75826**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	0.0397	U	0.0397	U	mg/L		NC	20

Method: 9040B - Corrosivity as pH

Lab Sample ID: LCS 600-75619/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.980		SU		100	99 - 101

Method: SW846 Ch. 7 - Ignitability

Lab Sample ID: MB 600-75477/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75477

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			03/22/12 16:00	1

Method: SW846 Ch. 7 - Ignitability (Continued)

Lab Sample ID: LCS 600-75477/2
Matrix: Water
Analysis Batch: 75477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	82.18		Degrees F		101	96.9 - 103.1 09		

Lab Sample ID: 600-52117-1 DU
Matrix: Water
Analysis Batch: 75477

Client Sample ID: IDW 3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>186			>186		Degrees F				NC	20

Unadjusted Detection Limits

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52117-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Lead	0.0100	0.00290	mg/L	6010B

Method: 6010B - Metals (ICP) - TCLP

Analyte	MQL	MDL	Units	Method
Ag	0.0100	0.00125	mg/L	6010B
As	0.0100	0.00328	mg/L	6010B
Ba	0.0200	0.00220	mg/L	6010B
Cd	0.00500	0.000350	mg/L	6010B
Cr	0.0100	0.00155	mg/L	6010B
Pb	0.0100	0.00290	mg/L	6010B
Se	0.0400	0.00417	mg/L	6010B

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	MQL	MDL	Units	Method
Mercury	0.200	0.0260	ug/L	7470A

General Chemistry

Analyte	MQL	MDL	Units	Method
Sulfide, Reactive	50.0	1.40	mg/L	7.4.4
Cyanide, Reactive	0.250	0.0397	mg/L	9012
pH	0.0100	0.0100	SU	9040B
Flashpoint	1.00	1.00	Degrees F	SW846 Ch. 7

Metals

Prep Batch: 75042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	Total/NA	Water	3010A	
LCS 600-75042/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 600-75042/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 75482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	Total/NA	Water	6010B	75042
LCS 600-75042/2-A	Lab Control Sample	Total/NA	Water	6010B	75042
MB 600-75042/1-A	Method Blank	Total/NA	Water	6010B	75042

Leach Batch: 75710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	TCLP	Water	1311	
600-52117-1 MS	IDW 3	TCLP	Water	1311	
LB 600-75710/1-B LB	Method Blank	TCLP	Water	1311	
LB 600-75710/1-E LB	Method Blank	TCLP	Water	1311	

Prep Batch: 75754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	TCLP	Water	3010A	75710
600-52117-1 MS	IDW 3	TCLP	Water	3010A	75710
LB 600-75710/1-B LB	Method Blank	TCLP	Water	3010A	75710
LCS 600-75754/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 600-75754/1-A	Method Blank	Total/NA	Water	3010A	

Prep Batch: 75815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	TCLP	Water	7470A	75710
LB 600-75710/1-E LB	Method Blank	TCLP	Water	7470A	75710
LCS 600-75815/8-A	Lab Control Sample	Total/NA	Water	7470A	
MB 600-75815/7-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 75851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	TCLP	Water	6010B	75754
600-52117-1 MS	IDW 3	TCLP	Water	6010B	75754
LB 600-75710/1-B LB	Method Blank	TCLP	Water	6010B	75754
LCS 600-75754/2-A	Lab Control Sample	Total/NA	Water	6010B	75754
MB 600-75754/1-A	Method Blank	Total/NA	Water	6010B	75754

Analysis Batch: 75902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	TCLP	Water	7470A	75815
LB 600-75710/1-E LB	Method Blank	TCLP	Water	7470A	75815
LCS 600-75815/8-A	Lab Control Sample	Total/NA	Water	7470A	75815
MB 600-75815/7-A	Method Blank	Total/NA	Water	7470A	75815

General Chemistry

Analysis Batch: 75477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	Total/NA	Water	SW846 Ch. 7	

General Chemistry (Continued)

Analysis Batch: 75477 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1 DU	IDW 3	Total/NA	Water	SW846 Ch. 7	
LCS 600-75477/2	Lab Control Sample	Total/NA	Water	SW846 Ch. 7	
MB 600-75477/1	Method Blank	Total/NA	Water	SW846 Ch. 7	

Analysis Batch: 75619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	Total/NA	Water	9040B	
LCS 600-75619/1	Lab Control Sample	Total/NA	Water	9040B	

Prep Batch: 75813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-75813/2-A	Lab Control Sample	Total/NA	Water	7.3.3	
MB 600-75813/1-A	Method Blank	Total/NA	Water	7.3.3	

Prep Batch: 75826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	Total/NA	Water	7.3.3	
600-52117-1 DU	IDW 3	Total/NA	Water	7.3.3	
600-52117-1 MS	IDW 3	Total/NA	Water	7.3.3	

Analysis Batch: 75896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	Total/NA	Water	9012	75826
600-52117-1 DU	IDW 3	Total/NA	Water	9012	75826
600-52117-1 MS	IDW 3	Total/NA	Water	9012	75826
LCS 600-75813/2-A	Lab Control Sample	Total/NA	Water	9012	75813
MB 600-75813/1-A	Method Blank	Total/NA	Water	9012	75813

Prep Batch: 77259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	Total/NA	Water	7.3.4	
600-52117-1 MS	IDW 3	Total/NA	Water	7.3.4	
LCS 600-77259/2-A	Lab Control Sample	Total/NA	Water	7.3.4	
MB 600-77259/1-A	Method Blank	Total/NA	Water	7.3.4	

Analysis Batch: 77293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52117-1	IDW 3	Total/NA	Water	7.4.4	77259
600-52117-1 MS	IDW 3	Total/NA	Water	7.4.4	77259
LCS 600-77259/2-A	Lab Control Sample	Total/NA	Water	7.4.4	77259
MB 600-77259/1-A	Method Blank	Total/NA	Water	7.4.4	77259

Lab Chronicle

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52117-1

Client Sample ID: IDW 3
Date Collected: 03/15/12 12:10
Date Received: 03/16/12 09:09

Lab Sample ID: 600-52117-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			75042	03/19/12 11:36	NER	TAL HOU
Total/NA	Analysis	6010B		1	75482	03/23/12 12:51	DCL	TAL HOU
TCLP	Leach	1311			75710	03/26/12 17:30	TWR	TAL HOU
TCLP	Prep	3010A			75754	03/27/12 14:15	NER	TAL HOU
TCLP	Analysis	6010B		1	75851	03/28/12 11:05	DCL	TAL HOU
TCLP	Prep	7470A			75815	03/28/12 08:49	SRP	TAL HOU
TCLP	Analysis	7470A		1	75902	03/28/12 17:32	SRP	TAL HOU
Total/NA	Analysis	SW846 Ch. 7		1	75477	03/22/12 16:00	SUP	TAL HOU
Total/NA	Analysis	9040B		1	75619	03/26/12 09:20	MB	TAL HOU
Total/NA	Analysis	9012		1	75896	03/27/12 17:00	GCW	TAL HOU
Total/NA	Prep	7.3.3			75826	03/28/12 09:29	GCW	TAL HOU
Total/NA	Prep	7.3.4			77259	04/16/12 13:19	AS	TAL HOU
Total/NA	Analysis	7.4.4		1	77293	04/16/12 16:36	ES	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Certification Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52117-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Houston	Arkansas DEQ	State Program	6	88-0759
TestAmerica Houston	Louisiana	NELAC	6	30643
TestAmerica Houston	Oklahoma	State Program	6	9503
TestAmerica Houston	Texas	NELAC	6	T104704223-10-6-TX
TestAmerica Houston	USDA	Federal		P330-08-00217
TestAmerica Houston	Utah	NELAC	8	GULF

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
IDW 3	600-52117-1

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: IDW 3 Lab Sample ID: 600-52117-1

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG ID.:

Matrix: Water Date Sampled: 03/15/2012 12:10

Reporting Basis: WET Date Received: 03/16/2012 09:09

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.00913	0.0100	0.00290	mg/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: IDW 3 | Lab Sample ID: 600-52117-1

Lab Name: TestAmerica Houston | Job No.: 600-52117-1

SDG ID.:

Matrix: Water | Date Sampled: 03/15/2012 12:10

Reporting Basis: WET | Date Received: 03/16/2012 09:09

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Pb	0.0290	0.100	0.0290	mg/L	U		1	6010B
7440-47-3	Cr	0.0155	0.100	0.0155	mg/L	U		1	6010B
7440-43-9	Cd	0.00350	0.0500	0.00350	mg/L	U		1	6010B
7440-39-3	Ba	0.415	0.200	0.0220	mg/L		b	1	6010B
7440-38-2	As	0.0328	0.100	0.0328	mg/L	U		1	6010B
7440-22-4	Ag	0.0125	0.100	0.0125	mg/L	U		1	6010B
7782-49-2	Se	0.0417	0.400	0.0417	mg/L	U		1	6010B
7439-97-6	Mercury	0.0351	0.200	0.0260	ug/L	J	b	1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	ICV 600-75482/4 03/23/2012 07:52				CCV 600-75482/45 03/23/2012 10:48				CCV 600-75482/57 03/23/2012 13:18			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.5007		0.500	100	0.4871		0.500	97	0.4680		0.500	94

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	CCV 600-75482/69 03/23/2012 14:04				CCV 600-75482/81 03/23/2012 14:50				CCV 600-75482/84 03/23/2012 15:02			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.4672		0.500	93	0.4623		0.500	92	0.4739		0.500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	ICV 600-75851/4 03/28/2012 10:01				CCV 600-75851/9 03/28/2012 10:20				CCV 600-75851/21 03/28/2012 11:09			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2480		0.250	99	0.2491		0.250	100	0.2500		0.250	100
As	0.5029		0.500	101	0.5068		0.500	101	0.5102		0.500	102
Ba	0.4974		0.500	99	0.5043		0.500	101	0.5091		0.500	102
Cd	0.5051		0.500	101	0.5096		0.500	102	0.5236		0.500	105
Cr	0.4997		0.500	100	0.4994		0.500	100	0.4991		0.500	100
Pb	0.5006		0.500	100	0.5022		0.500	100	0.5088		0.500	102
Se	0.5115		0.500	102	0.5068		0.500	101	0.5110		0.500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	CCV 600-75851/33 03/28/2012 11:56				CCV 600-75851/45 03/28/2012 12:42							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2414		0.250	97	0.2474		0.250	99				
As	0.4984		0.500	100	0.5093		0.500	102				
Ba	0.4982		0.500	100	0.5150		0.500	103				
Cd	0.5115		0.500	102	0.5273		0.500	105				
Cr	0.4791		0.500	96	0.4867		0.500	97				
Pb	0.4939		0.500	99	0.5035		0.500	101				
Se	0.4938		0.500	99	0.4997		0.500	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MER0312S2_00019 Concentration Units: ug/L

CCV Source: MER0312S2_00019

Analyte	ICV 600-75902/8 03/28/2012 16:58				CCV 600-75902/11 03/28/2012 17:04				CCV 600-75902/23 03/28/2012 17:28			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.042		3.00	101	3.006		3.00	100	3.046		3.00	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

ICV Source: MER0312S2_00019 Concentration Units: ug/L

CCV Source: MER0312S2_00019

Analyte	CCV 600-75902/35 03/28/2012 17:50				CCV 600-75902/47 03/28/2012 18:13				CCV 600-75902/57 03/28/2012 18:32			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.110		3.00	104	2.882		3.00	96	2.935		3.00	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-75482/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.01009		101	50-150

Lab Sample ID: CRI 600-75851/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cr	0.0100	0.01010		101	50-150
Pb	0.0100	0.009970	J	100	50-150
Cd	0.00500	0.005290		106	50-150
Ba	0.0100	0.009810	J	98	50-150
As	0.0100	0.01254		125	50-150
Ag	0.00500	0.004810	J	96	50-150
Se	0.0100	0.008650	J	87	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Method: 7470A Instrument ID: FIMS01

Lab Sample ID: CRA 600-75902/10 Concentration Units: ug/L

CRQL Check Standard Source: MER0312S1_00022

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.2329		116	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-75482/5 03/23/2012 07:56		CCB 600-75482/46 03/23/2012 10:51		CCB 600-75482/58 03/23/2012 13:22		CCB 600-75482/70 03/23/2012 14:08	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-75482/82 03/23/2012 14:54		CCB 600-75482/85 03/23/2012 15:06					
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-75851/5 03/28/2012 10:05		CCB 600-75851/10 03/28/2012 10:24		CCB 600-75851/22 03/28/2012 11:13		CCB 600-75851/34 03/28/2012 11:59	
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U	0.00125	U	0.00125	U	0.00125	U
As	0.0100	0.00328	U	0.00328	U	0.004290	J	0.004290	J
Ba	0.0200	0.00220	U	0.00220	U	0.00220	U	0.00220	U
Cd	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Cr	0.0100	0.00155	U	0.00155	U	0.00155	U	0.00155	U
Pb	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U
Se	0.0400	0.00417	U	0.00417	U	0.00417	U	0.00417	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-75851/46 03/28/2012 12:46							
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U						
As	0.0100	0.00328	U						
Ba	0.0200	0.00220	U						
Cd	0.00500	0.000350	U						
Cr	0.0100	0.00155	U						
Pb	0.0100	0.00290	U						
Se	0.0400	0.00417	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 600-75902/9 03/28/2012 17:00		CCB 600-75902/12 03/28/2012 17:07		CCB 600-75902/24 03/28/2012 17:30		CCB 600-75902/36 03/28/2012 17:53	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.03928	J	0.03803	J	0.04586	J	0.05096	J

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 600-75902/48 03/28/2012 18:15		CCB 600-75902/58 03/28/2012 18:33					
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.03617	J	0.07907	J				

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-75042/1-A

Instrument Code: TJA1 Batch No.: 75482

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.00290	U		6010B

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-75754/1-A

Instrument Code: TJA1 Batch No.: 75851

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.00155	U		6010B
7439-92-1	Pb	0.00290	U		6010B
7440-43-9	Cd	0.000350	U		6010B
7440-39-3	Ba	0.00220	U		6010B
7440-38-2	As	0.00328	U		6010B
7440-22-4	Ag	0.00125	U		6010B
7782-49-2	Se	0.00417	U		6010B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 600-75710/1-B

Instrument Code: TJA1 Batch No.: 75851

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.0155	U		6010B
7439-92-1	Pb	0.0290	U		6010B
7440-43-9	Cd	0.00350	U		6010B
7440-39-3	Ba	0.05370	J		6010B
7440-38-2	As	0.03750	J		6010B
7440-22-4	Ag	0.0125	U		6010B
7782-49-2	Se	0.0417	U		6010B

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 600-75815/7-A

Instrument Code: FIMS01 Batch No.: 75902

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.04043	J		7470A

FORM III-IN

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 600-75710/1-E

Instrument Code: FIMS01 Batch No.: 75902

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.04243	J		7470A

FORM III-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSA 600-75482/7 Instrument ID: TJA1

Lab File ID: A032312 ICS Source: METISA_00070

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0025**	
Aluminum	*500*	*511*	*102*
Antimony		*0.0029*	
Arsenic		*0.0010*	
Barium		*0.0017*	
Beryllium		*0.0000*	
Boron		*-0.0030*	
Cadmium		*-0.0044*	
Calcium	*500*	*463*	*93*
Chromium		*0.0020*	
Cobalt		*-0.0003*	
Copper		*0.0139*	
Iron	*200*	*198*	*99*
Lithium		*0.0044*	
Magnesium	*500*	*528*	*106*
Manganese		*-0.0079*	
Molybdenum		*0.0005*	
Nickel		*0.0008*	
Potassium		*0.128*	
Selenium		*-0.0037*	
Silicon		*0.0162*	
Silver		*0.0002*	
Sodium		*0.194*	
Strontium		*-0.0092*	
Thallium		*-0.0183*	
Tin		*-0.0013*	
Titanium		*-0.0035*	
Vanadium		*0.0033*	
Zinc		*-0.0014*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSAB 600-75482/8 Instrument ID: TJA1

Lab File ID: A032312 ICS Source: METISB_00072

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**1.00**	**0.982**	**98**
Aluminum	*510*	*511*	*100*
Antimony	*1.00*	*1.03*	*103*
Arsenic	*1.00*	*1.03*	*103*
Barium	*1.00*	*1.02*	*102*
Beryllium	*0.500*	*0.496*	*99*
Boron	*1.00*	*1.03*	*103*
Cadmium	*0.500*	*0.469*	*94*
Calcium	*510*	*461*	*90*
Chromium	*1.00*	*0.976*	*98*
Cobalt	*1.00*	*0.946*	*95*
Copper	*1.00*	*1.06*	*106*
Iron	*210*	*203*	*97*
Lithium	*1.00*	*1.16*	*116*
Magnesium	*510*	*528*	*103*
Manganese	*1.00*	*0.970*	*97*
Molybdenum	*1.00*	*0.997*	*100*
Nickel	*1.00*	*0.934*	*93*
Potassium	*10.0*	*14.0*	*140*
Selenium	*1.00*	*1.02*	*102*
Silicon	*1.00*	*1.02*	*102*
Silver	*0.500*	*0.537*	*107*
Sodium	*10.0*	*13.1*	*131*
Strontium	*0.500*	*0.490*	*98*
Thallium	*1.00*	*0.964*	*96*
Tin	*1.00*	*0.999*	*100*
Titanium	*1.00*	*0.996*	*100*
Vanadium	*1.00*	*0.991*	*99*
Zinc	*1.00*	*1.01*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSA 600-75851/7 Instrument ID: TJA1

Lab File ID: A032812 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Ag		**-0.0004**	
As		**0.0014**	
Ba		**0.0018**	
Cd		**-0.0043**	
Cr		**0.0020**	
Pb		**0.0059**	
Se		**-0.0044**	
Aluminum	*500*	*500*	*100*
Antimony		*-0.0019*	
Beryllium		*-0.0001*	
Boron		*0.0014*	
Calcium	*500*	*452*	*90*
Cobalt		*-0.0006*	
Copper		*0.0133*	
Iron	*200*	*195*	*97*
Lithium		*0.0044*	
Magnesium	*500*	*516*	*103*
Manganese		*-0.0076*	
Molybdenum		*0.0004*	
Nickel		*0.0002*	
Potassium		*0.127*	
Silicon		*0.0111*	
Sodium		*0.194*	
Strontium		*-0.0089*	
Thallium		*-0.0078*	
Tin		*-0.0035*	
Titanium		*-0.0031*	
Vanadium		*0.0040*	
Zinc		*-0.0014*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSAB 600-75851/8 Instrument ID: TJA1

Lab File ID: A032812 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**0.500**	**0.553**	**111**
As	**1.00**	**1.05**	**105**
Ba	**1.00**	**1.06**	**106**
Cd	**0.500**	**0.484**	**97**
Cr	**1.00**	**0.996**	**100**
Pb	**1.00**	**1.00**	**100**
Se	**1.00**	**1.03**	**103**
Aluminum	*510*	*516*	*101*
Antimony	*1.00*	*1.06*	*106*
Beryllium	*0.500*	*0.503*	*101*
Boron	*1.00*	*1.07*	*107*
Calcium	*510*	*462*	*91*
Cobalt	*1.00*	*0.965*	*97*
Copper	*1.00*	*1.09*	*109*
Iron	*210*	*206*	*98*
Lithium	*1.00*	*1.20*	*120*
Magnesium	*510*	*530*	*104*
Manganese	*1.00*	*0.994*	*99*
Molybdenum	*1.00*	*1.02*	*102*
Nickel	*1.00*	*0.971*	*97*
Potassium	*10.0*	*14.4*	*144*
Silicon	*1.00*	*1.03*	*103*
Sodium	*10.0*	*13.5*	*135*
Strontium	*0.500*	*0.511*	*102*
Thallium	*1.00*	*1.02*	*102*
Tin	*1.00*	*1.02*	*102*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*1.05*	*105*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSA 600-75851/111 Instrument ID: TJA1

Lab File ID: A032812 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Ag		**-0.0008**	
As		**0.0021**	
Ba		**0.0019**	
Cd		**-0.0068**	
Cr		**0.0018**	
Pb		**0.0065**	
Se		**-0.0122**	
Aluminum	*500*	*496*	*99*
Antimony		*0.0033*	
Beryllium		*-0.0009*	
Boron		*-0.0096*	
Calcium	*500*	*453*	*91*
Cobalt		*-0.0008*	
Copper		*0.0111*	
Iron	*200*	*200*	*100*
Lithium		*0.0051*	
Magnesium	*500*	*509*	*102*
Manganese		*-0.0073*	
Molybdenum		*0.0019*	
Nickel		*0.0000*	
Potassium		*0.403*	
Silicon		*0.0056*	
Sodium		*0.0424*	
Sodium		*0.255*	
Strontium		*-0.0088*	
Thallium		*0.0105*	
Tin		*-0.0040*	
Titanium		*-0.0034*	
Vanadium		*0.0044*	
Zinc		*-0.0027*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Lab Sample ID: ICSAB 600-75851/112 Instrument ID: TJA1

Lab File ID: A032812 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**0.500**	**0.553**	**111**
As	**1.00**	**1.06**	**106**
Ba	**1.00**	**1.11**	**111**
Cd	**0.500**	**0.507**	**101**
Cr	**1.00**	**0.973**	**97**
Pb	**1.00**	**1.02**	**102**
Se	**1.00**	**1.02**	**102**
Aluminum	*510*	*504*	*99*
Antimony	*1.00*	*1.11*	*111*
Beryllium	*0.500*	*0.477*	*95*
Boron	*1.00*	*1.09*	*109*
Calcium	*510*	*461*	*90*
Cobalt	*1.00*	*0.947*	*95*
Copper	*1.00*	*1.06*	*106*
Iron	*210*	*210*	*100*
Lithium	*1.00*	*1.24*	*124*
Magnesium	*510*	*519*	*102*
Manganese	*1.00*	*0.991*	*99*
Molybdenum	*1.00*	*1.04*	*104*
Nickel	*1.00*	*1.01*	*101*
Potassium	*10.0*	*15.2*	*152*
Silicon	*1.00*	*1.02*	*102*
Sodium	*10.0*	*12.1*	*121*
Sodium	*10.0*	*14.0*	*140*
Strontium	*0.500*	*0.537*	*107*
Thallium	*1.00*	*1.10*	*110*
Tin	*1.00*	*1.02*	*102*
Titanium	*1.00*	*1.03*	*103*
Vanadium	*1.00*	*0.996*	*100*
Zinc	*1.00*	*1.07*	*107*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: IDW 3 MS
Lab ID: 600-52117-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-52117-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cr	10.21		0.0155	U	10.0	102	75-125		6010B
Pb	10.33		0.0290	U	10.0	103	75-125		6010B
Cd	5.289		0.00350	U	5.00	106	75-125		6010B
Ba	10.98		0.415		10.0	106	75-125		6010B
As	10.62		0.0328	U	10.0	106	75-125		6010B
Ag	4.830		0.0125	U	5.00	97	75-125		6010B
Se	10.32		0.0417	U	10.0	103	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-75042/2-A

Lab Name: TestAmerica Houston Job No.: 600-52117-1

Sample Matrix: Water LCS Source: METSPIKEA_00011

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	1.00	0.9845		98	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-75754/2-A

Lab Name: TestAmerica Houston Job No.: 600-52117-1

Sample Matrix: Water LCS Source: METSPIKEA_00011

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cr	1.00	1.030		103	80	120		6010B
Pb	1.00	1.036		104	80	120		6010B
Cd	0.500	0.5266		105	80	120		6010B
Ba	1.00	1.041		104	80	120		6010B
As	1.00	1.039		104	80	120		6010B
Ag	0.500	0.5176		104	80	120		6010B
Se	1.00	1.029		103	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-75815/8-A

Lab Name: TestAmerica Houston Job No.: 600-52117-1

Sample Matrix: Water LCS Source: MER0312S2_00019

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	3.00	3.015		100	70	130		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.01	0.0029

FORM IX - IN

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: FIMS01

Method: 7470A MDL Date: 03/02/2009 11:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.026

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: FIMS01

Method: 7470A XMDL Date: 05/16/2008 15:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.026

FORM IX - IN

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-52117-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Pb		50	6010B
Cr		50	6010B
Lead		50	6010B
Cd		25	6010B
Ba		50	6010B
As		50	6010B
Ag		5	6010B
Se		25	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-75042/1-A	03/19/2012 11:36	75042		50	50
LCS 600-75042/2-A	03/19/2012 11:36	75042		50	50
600-52117-1	03/19/2012 11:36	75042		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-75754/1-A	03/27/2012 14:15	75754		50	50
LCS 600-75754/2-A	03/27/2012 14:15	75754		50	50
LB 600-75710/1-B	03/27/2012 14:15	75754		5	50
600-52117-1	03/27/2012 14:15	75754		5	50
600-52117-1 MS	03/27/2012 14:15	75754		5	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-75815/7-A	03/28/2012 08:49	75815		40	40
LCS 600-75815/8-A	03/28/2012 08:49	75815		50	50
LB 600-75710/1-E	03/28/2012 08:49	75815		40	40
600-52117-1	03/28/2012 08:49	75815		40	40

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/23/2012 07:34 End Date: 03/23/2012 15:06

Lab Sample ID	D/F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			07:34																					
STD 600-75482/2 IC			07:39	X																				
ZZZZZZ			07:48																					
ICV 600-75482/4	1		07:52	X																				
ICB 600-75482/5	1		07:56	X																				
CRI 600-75482/6	1		08:00	X																				
ICSA 600-75482/7	1		08:04	X																				
ICSAB 600-75482/8	1		08:07	X																				
CCV 600-75482/9			08:11																					
CCB 600-75482/10			08:15																					
ZZZZZZ			08:37																					
ZZZZZZ			08:41																					
ZZZZZZ			08:44																					
ZZZZZZ			08:48																					
ZZZZZZ			08:52																					
ZZZZZZ			08:56																					
ZZZZZZ			09:00																					
ZZZZZZ			09:04																					
ZZZZZZ			09:08																					
ZZZZZZ			09:11																					
CCV 600-75482/21			09:15																					
CCB 600-75482/22			09:19																					
ZZZZZZ			09:23																					
ZZZZZZ			09:27																					
ZZZZZZ			09:31																					
ZZZZZZ			09:34																					
ZZZZZZ			09:38																					
ZZZZZZ			09:42																					
ZZZZZZ			09:46																					
ZZZZZZ			09:50																					
ZZZZZZ			09:54																					
ZZZZZZ			09:58																					
CCV 600-75482/33			10:01																					
CCB 600-75482/34			10:05																					
ZZZZZZ			10:09																					
ZZZZZZ			10:13																					
ZZZZZZ			10:17																					
ZZZZZZ			10:21																					
ZZZZZZ			10:25																					
ZZZZZZ			10:28																					
ZZZZZZ			10:32																					
ZZZZZZ			10:36																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/23/2012 07:34 End Date: 03/23/2012 15:06

Lab Sample ID	D/F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			10:40																					
ZZZZZZ			10:44																					
CCV 600-75482/45	1		10:48	X																				
CCB 600-75482/46	1		10:51	X																				
ZZZZZZ			12:39																					
MB 600-75042/1-A	1	T	12:43	X																				
LCS 600-75042/2-A	1	T	12:47	X																				
600-52117-1	1	T	12:51	X																				
ZZZZZZ			12:55																					
ZZZZZZ			12:59																					
ZZZZZZ			13:02																					
ZZZZZZ			13:06																					
ZZZZZZ			13:10																					
ZZZZZZ			13:14																					
CCV 600-75482/57	1		13:18	X																				
CCB 600-75482/58	1		13:22	X																				
ZZZZZZ			13:26																					
ZZZZZZ			13:29																					
ZZZZZZ			13:33																					
ZZZZZZ			13:37																					
ZZZZZZ			13:41																					
ZZZZZZ			13:45																					
ZZZZZZ			13:49																					
ZZZZZZ			13:53																					
ZZZZZZ			13:56																					
ZZZZZZ			14:00																					
CCV 600-75482/69	1		14:04	X																				
CCB 600-75482/70	1		14:08	X																				
ZZZZZZ			14:12																					
ZZZZZZ			14:16																					
ZZZZZZ			14:19																					
ZZZZZZ			14:23																					
ZZZZZZ			14:27																					
ZZZZZZ			14:31																					
ZZZZZZ			14:35																					
ZZZZZZ			14:39																					
ZZZZZZ			14:43																					
ZZZZZZ			14:46																					
CCV 600-75482/81	1		14:50	X																				
CCB 600-75482/82	1		14:54	X																				
ZZZZZZ			14:58																					
CCV 600-75482/84	1		15:02	X																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/23/2012 07:34 End Date: 03/23/2012 15:06

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCB 600-75482/85	1		15:06	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/28/2012 09:48 End Date: 03/28/2012 19:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			09:48																				
STD 600-75851/2 IC			09:52	X	X	X	X	X	X	X													
ZZZZZZ			09:57																				
ICV 600-75851/4	1		10:01	X	X	X	X	X	X	X													
ICB 600-75851/5	1		10:05	X	X	X	X	X	X	X													
CRI 600-75851/6	1		10:09	X	X	X	X	X	X	X													
ICSA 600-75851/7	1		10:12	X	X	X	X	X	X	X													
ICSAB 600-75851/8	1		10:16	X	X	X	X	X	X	X													
CCV 600-75851/9	1		10:20	X	X	X	X	X	X	X													
CCB 600-75851/10	1		10:24	X	X	X	X	X	X	X													
MB 600-75754/1-A	1	T	10:31	X	X	X	X	X	X	X													
LCS 600-75754/2-A	1	T	10:35	X	X	X	X	X	X	X													
LB 600-75710/1-B	1	P	10:39	X	X	X	X	X	X	X													
ZZZZZZ			10:42																				
ZZZZZZ			10:46																				
ZZZZZZ			10:50																				
ZZZZZZ			10:54																				
ZZZZZZ			10:58																				
ZZZZZZ			11:02																				
600-52117-1	1	P	11:05	X	X	X	X	X	X	X													
CCV 600-75851/21	1		11:09	X	X	X	X	X	X	X													
CCB 600-75851/22	1		11:13	X	X	X	X	X	X	X													
600-52117-1 MS	1	P	11:17	X	X	X	X	X	X	X													
ZZZZZZ			11:21																				
ZZZZZZ			11:25																				
ZZZZZZ			11:29																				
ZZZZZZ			11:32																				
ZZZZZZ			11:36																				
ZZZZZZ			11:40																				
ZZZZZZ			11:44																				
ZZZZZZ			11:48																				
ZZZZZZ			11:52																				
CCV 600-75851/33	1		11:56	X	X	X	X	X	X	X													
CCB 600-75851/34	1		11:59	X	X	X	X	X	X	X													
ZZZZZZ			12:03																				
ZZZZZZ			12:07																				
ZZZZZZ			12:11																				
ZZZZZZ			12:15																				
ZZZZZZ			12:19																				
ZZZZZZ			12:23																				
ZZZZZZ			12:26																				
ZZZZZZ			12:30																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/28/2012 09:48 End Date: 03/28/2012 19:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			12:34																				
ZZZZZZ			12:38																				
CCV 600-75851/45	1		12:42	X	X	X	X	X	X	X													
CCB 600-75851/46	1		12:46	X	X	X	X	X	X	X													
ZZZZZZ			13:09																				
ZZZZZZ			13:13																				
ZZZZZZ			13:17																				
ZZZZZZ			13:20																				
ZZZZZZ			13:24																				
ZZZZZZ			13:28																				
ZZZZZZ			13:32																				
ZZZZZZ			13:36																				
ZZZZZZ			13:40																				
ZZZZZZ			13:44																				
CCV 600-75851/57			13:47																				
CCB 600-75851/58			13:51																				
ZZZZZZ			13:55																				
ZZZZZZ			14:02																				
ZZZZZZ			14:06																				
ZZZZZZ			14:09																				
ZZZZZZ			14:13																				
ZZZZZZ			14:17																				
ZZZZZZ			14:21																				
ZZZZZZ			14:25																				
ZZZZZZ			14:29																				
ZZZZZZ			14:33																				
CCV 600-75851/69			14:36																				
CCB 600-75851/70			14:40																				
ZZZZZZ			14:44																				
ZZZZZZ			14:48																				
ZZZZZZ			14:52																				
ZZZZZZ			14:56																				
ZZZZZZ			14:59																				
ZZZZZZ			15:03																				
ZZZZZZ			15:07																				
ZZZZZZ			15:11																				
ZZZZZZ			15:15																				
ZZZZZZ			15:19																				
CCV 600-75851/81			15:23																				
CCB 600-75851/82			15:26																				
ZZZZZZ			17:32																				
ZZZZZZ			17:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/28/2012 09:48 End Date: 03/28/2012 19:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			17:39																				
ZZZZZZ			17:43																				
ZZZZZZ			17:47																				
ZZZZZZ			17:51																				
ZZZZZZ			17:55																				
ZZZZZZ			17:59																				
ZZZZZZ			18:02																				
ZZZZZZ			18:06																				
CCV 600-75851/93			18:10																				
CCB 600-75851/94			18:14																				
ZZZZZZ			18:18																				
ZZZZZZ			18:22																				
ZZZZZZ			18:25																				
ZZZZZZ			18:29																				
ZZZZZZ			18:33																				
ZZZZZZ			18:37																				
ZZZZZZ			18:41																				
ZZZZZZ			18:45																				
ZZZZZZ			18:49																				
ZZZZZZ			18:52																				
CCV 600-75851/105			18:56																				
CCB 600-75851/106			19:00																				
ZZZZZZ			19:04																				
ZZZZZZ			19:08																				
CCV 600-75851/109			19:12																				
CCB 600-75851/110			19:16																				
ICSA 600-75851/111	1		19:19	X	X	X	X	X	X	X													
ICSAB 600-75851/112	1		19:23	X	X	X	X	X	X	X													

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 03/28/2012 16:43 End Date: 03/28/2012 18:33

Lab Sample ID	D/F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			16:43																					
ZZZZZZ			16:45																					
ZZZZZZ			16:47																					
ZZZZZZ			16:49																					
ZZZZZZ			16:51																					
ZZZZZZ			16:53																					
ZZZZZZ			16:55																					
ICV 600-75902/8	1		16:58	X																				
ICB 600-75902/9	1		17:00	X																				
CRA 600-75902/10	1		17:02	X																				
CCV 600-75902/11	1		17:04	X																				
CCB 600-75902/12	1		17:07	X																				
MB 600-75815/7-A	1	T	17:09	X																				
LCS 600-75815/8-A	1	T	17:10	X																				
LB 600-75710/1-E	1	P	17:13	X																				
ZZZZZZ			17:15																					
ZZZZZZ			17:17																					
ZZZZZZ			17:18																					
ZZZZZZ			17:20																					
ZZZZZZ			17:22																					
ZZZZZZ			17:24																					
ZZZZZZ			17:26																					
CCV 600-75902/23	1		17:28	X																				
CCB 600-75902/24	1		17:30	X																				
600-52117-1	1	P	17:32	X																				
ZZZZZZ			17:34																					
ZZZZZZ			17:36																					
ZZZZZZ			17:38																					
ZZZZZZ			17:39																					
ZZZZZZ			17:41																					
ZZZZZZ			17:43																					
ZZZZZZ			17:45																					
ZZZZZZ			17:47																					
ZZZZZZ			17:49																					
CCV 600-75902/35	1		17:50	X																				
CCB 600-75902/36	1		17:53	X																				
ZZZZZZ			17:55																					
ZZZZZZ			17:57																					
ZZZZZZ			17:59																					
ZZZZZZ			18:00																					
ZZZZZZ			18:02																					
ZZZZZZ			18:04																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 03/28/2012 16:43 End Date: 03/28/2012 18:33

Lab Sample ID	D/F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			18:06																					
ZZZZZZ			18:08																					
ZZZZZZ			18:10																					
ZZZZZZ			18:11																					
CCV 600-75902/47	1		18:13	X																				
CCB 600-75902/48	1		18:15	X																				
ZZZZZZ			18:17																					
ZZZZZZ			18:19																					
ZZZZZZ			18:21																					
ZZZZZZ			18:22																					
ZZZZZZ			18:24																					
ZZZZZZ			18:26																					
ZZZZZZ			18:28																					
ZZZZZZ			18:30																					
CCV 600-75902/57	1		18:32	X																				
CCB 600-75902/58	1		18:33	X																				

Prep Types

P = TCLP

T = Total/NA

[Sample Header]
Method=ICP6500Metals_TRY3(v757)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/23/2012 8:45:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0002,.0004,175.5, .0005, .0000
Al3082,308.215 {109},In2306,ppm, -.0447,.0151,33.68, -.0341, -.0554
As1890,189.042 {478},Y_2243,ppm, .0025,.0003,11.78, .0023, .0027
B_2496,249.678 {135},Y_3710,ppm, -.0011,.0058,508.1, -.0053, .0030
Ba4554,455.403 { 74},Y_3710,ppm, -.0001,.0001,244.3, -.0001, .0000
Be3130,313.042 {108},Y_3710,ppm, -.0002,.0001,25.99, -.0002, -.0003
Ca3158,315.887 {107},In2306,ppm, .0056,.0102,182.7, -.0016, .0128
Ca3181,318.128 {106},In2306,ppm, -.0225,.0289,128.2, -.0021, -.0430
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0000,10.02, .0001, .0001
Co2286,228.616 {447},In2306,ppm, .0000,.0003,604.1, .0001, -.0002
Cr2677,267.716 {126},Y_3600,ppm, .0001,.0001,98.67, .0002, .0000
Cu3247,324.754 {104},Y_3600,ppm, .0007,.0013,179.0, -.0002, .0016
Fe2404,240.488 {140},In2306,ppm, .0003,.0028,808.8, .0023, -.0016
K_7664,766.490 { 44},Y_3710,ppm, .0076,.0080,105.6, .0132, .0019
K_7698,769.896 { 44},Y_3710,ppm, -.0644,.0272,42.28, -.0452, -.0837
Li6707,670.784 { 50},Y_3710,ppm, .0004,.0001,34.57, .0004, .0003
Mg2790,279.079 {121},Y_3710,ppm, .0205,.0063,30.57, .0161, .0249
Mn2576,257.610 {131},Y_3600,ppm, .0002,.0001,22.43, .0002, .0003
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0001,.0006,1016., -.0004, .0005
Mo2020,202.030 {467},Y_2243,ppm, .0000,.0001,202.4, .0000, .0001
Na5895,589.592 { 57},Y_3710,ppm, .0169,.0023,13.43, .0185, .0153
Na8183,818.326 { 41},Y_3710,ppm, .5787,.1110,19.18, .5002, .6572
Ni2316,231.604 {445},In2306,ppm, .0000,.0001,225.1, .0001, .0000
P_1782,178.284 {489},In2306,ppm, -.0017,.0001,3.374, -.0018, -.0017
Pb2203,220.353 {453},In2306,ppm, .0011,.0000,3.450, .0011, .0011
S_1820,182.034 {485},Y_2243,ppm, -.0679,.0883,130.0, -.0055, -.1304
Sb2068,206.833 {463},Y_2243,ppm, .0017,.0020,121.4, .0031, .0002
Se1960,196.090 {472},Y_2243,ppm, .0017,.0005,28.19, .0014, .0021
Si2516,251.611 {134},Y_3710,ppm, -.0133,.0095,71.45, -.0200, -.0066
Sn1899,189.989 {477},In2306,ppm, -.0002,.0000,19.82, -.0003, -.0002
Sr4215,421.552 { 80},Y_3710,ppm, .0001,.0000,17.12, .0001, .0001
Ti3349,334.904 {101},Y_3600,ppm, .0000,.0003,584.7, .0001, -.0002
Tl1908,190.856 {477},In2306,ppm, .0006,.0001,8.951, .0006, .0005
V_2924,292.402 {115},Y_3600,ppm, -.0001,.0001,142.7, .0000, -.0001
Zn2062,206.200 {463},In2306,ppm, .0011,.0001,9.267, .0012, .0010

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 425.16,3.8471,.90486,427.88,422.44
In2306,230.606 {446},Cts/S, 15131.,11.158,.07374,15139.,15123.
Y_2243,224.306 {450},Cts/S, 19523.,12.931,.06623,19533.,19514.
Y_3600,360.073 { 94},Cts/S, 147480.,10343.,7.0132,140160.,154790.
Y_3710,371.030 { 91},Cts/S, 18953.,208.55,1.1003,19101.,18806.

[Sample Header]
Method=ICP6500Metals_TRY3(v757)

SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/23/2012 8:48:31
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0002,.0001,36.15, .0003, .0002
Al3082,308.215 {109},In2306,ppm, -.0456,.0100,21.86, -.0526, -.0385
As1890,189.042 {478},Y_2243,ppm, -.0002,.0004,162.4, -.0005, .0000
B_2496,249.678 {135},Y_3710,ppm, -.0041,.0063,154.8, .0004, -.0085
Ba4554,455.403 { 74},Y_3710,ppm, .0000,.0002,472.5, -.0001, .0001
Be3130,313.042 {108},Y_3710,ppm, -.0001,.0000,42.69, -.0001, -.0001
Ca3158,315.887 {107},In2306,ppm, -.0028,.0026,92.35, -.0047, -.0010
Ca3181,318.128 {106},In2306,ppm, -.0203,.0185,91.26, -.0334, -.0072
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0000,13.20, .0002, .0001
Co2286,228.616 {447},In2306,ppm, .0002,.0001,20.40, .0003, .0002
Cr2677,267.716 {126},Y_3600,ppm, -.0001,.0002,184.3, -.0002, .0000
Cu3247,324.754 {104},Y_3600,ppm, .0000,.0014,5601., .0010, -.0010
Fe2404,240.488 {140},In2306,ppm, .0003,.0042,1519., .0032, -.0027
K_7664,766.490 { 44},Y_3710,ppm, -.0233,.0127,54.58, -.0323, -.0143
K_7698,769.896 { 44},Y_3710,ppm, -.1361,.0373,27.38, -.1624, -.1097
Li6707,670.784 { 50},Y_3710,ppm, .0002,.0007,394.4, .0007, -.0003
Mg2790,279.079 {121},Y_3710,ppm, -.0190,.0092,48.54, -.0125, -.0256
Mn2576,257.610 {131},Y_3600,ppm, .0001,.0001,92.78, .0000, .0001
Mn2576-2,257.610 {131}2,Y_3710,ppm, -.0001,.0003,342.7, .0001, -.0003
Mo2020,202.030 {467},Y_2243,ppm, .0002,.0002,127.0, .0000, .0003
Na5895,589.592 { 57},Y_3710,ppm, -.0007,.0046,681.2, .0026, -.0039
Na8183,818.326 { 41},Y_3710,ppm, .6871,.1387,20.19, .7851, .5890
Ni2316,231.604 {445},In2306,ppm, .0004,.0003,66.65, .0006, .0002
P_1782,178.284 {489},In2306,ppm, -.0029,.0016,56.18, -.0040, -.0017
Pb2203,220.353 {453},In2306,ppm, -.0002,.0017,932.9, -.0014, .0010
S_1820,182.034 {485},Y_2243,ppm, -.0767,.1255,163.5, .0120, -.1654
Sb2068,206.833 {463},Y_2243,ppm, -.0012,.0000,2.873, -.0012, -.0013
Se1960,196.090 {472},Y_2243,ppm, .0021,.0017,78.07, .0010, .0033
Si2516,251.611 {134},Y_3710,ppm, .0002,.0107,5717., -.0074, .0078
Sn1899,189.989 {477},In2306,ppm, -.0001,.0006,476.7, .0003, -.0006
Sr4215,421.552 { 80},Y_3710,ppm, .0002,.0000,7.438, .0002, .0002
Ti3349,334.904 {101},Y_3600,ppm, -.0002,.0004,172.3, .0001, -.0005
Tl1908,190.856 {477},In2306,ppm, -.0002,.0014,581.9, .0007, -.0012
V_2924,292.402 {115},Y_3600,ppm, -.0001,.0001,63.39, -.0001, -.0001
Zn2062,206.200 {463},In2306,ppm, .0000,.0001,3038., .0001, -.0001

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 430.59,3.8051,.88369,427.90,433.28
In2306,230.606 {446},Cts/S, 15121.,18.616,.12311,15108.,15134.
Y_2243,224.306 {450},Cts/S, 19560.,18.672,.09546,19547.,19573.
Y_3600,360.073 { 94},Cts/S, 152120.,8881.6,5.8386,158400.,145840.
Y_3710,371.030 { 91},Cts/S, 19200.,377.97,1.9686,18933.,19467.

[Sample Header]
Method=ICP6500Metals_TRY3(v757)
SampleName=Blank
Username=admin
Comment=

Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/23/2012 8:51:11
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,Cts/S, .0001,.0000,40.99, .0001, .0001
Al3082,308.215 {109},In2306,Cts/S, .0286,.0046,15.92, .0254, .0318
As1890,189.042 {478},Y_2243,Cts/S, .0000,.0000,458.0, .0000, .0000
B_2496,249.678 {135},Y_3710,Cts/S, .0002,.0001,56.19, .0002, .0001
Ba4554,455.403 { 74},Y_3710,Cts/S, .0034,.0002,7.250, .0035, .0032
Be3130,313.042 {108},Y_3710,Cts/S, .0000,.0001,155.8, .0000, .0001
Ca3158,315.887 {107},In2306,Cts/S, -.0069,.0017,25.30, -.0057, -.0081
Ca3181,318.128 {106},In2306,Cts/S, -.0027,.0038,141.4, .0000, -.0053
Cd2288,228.802 {447},Y_2243,Cts/S, .0003,.0000,15.09, .0003, .0003
Co2286,228.616 {447},In2306,Cts/S, -.0003,.0001,25.37, -.0004, -.0003
Cr2677,267.716 {126},Y_3600,Cts/S, .0000,.0000,42.32, .0000, .0000
Cu3247,324.754 {104},Y_3600,Cts/S, .0050,.0000,.2199, .0050, .0050
Fe2404,240.488 {140},In2306,Cts/S, .0055,.0002,3.303, .0056, .0054
K_7664,766.490 { 44},Y_3710,Cts/S, .0007,.0002,31.70, .0006, .0009
K_7698,769.896 { 44},Y_3710,Cts/S, .0063,.0002,3.222, .0061, .0064
Li6707,670.784 { 50},Y_3710,Cts/S, .0023,.0005,22.16, .0027, .0019
Mg2790,279.079 {121},Y_3710,Cts/S, .0000,.0001,315.1, .0000, -.0001
Mn2576,257.610 {131},Y_3600,Cts/S, .0001,.0000,35.47, .0001, .0001
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .0000,.0000,127.0, .0000, .0000
Mo2020,202.030 {467},Y_2243,Cts/S, .0001,.0000,35.99, .0001, .0001
Na5895,589.592 { 57},Y_3710,Cts/S, .0025,.0005,22.22, .0029, .0021
Na8183,818.326 { 41},Y_3710,Cts/S, -.0008,.0002,23.45, -.0009, -.0007
Ni2316,231.604 {445},In2306,Cts/S, .0000,.0001,407.2, .0001, -.0001
P_1782,178.284 {489},In2306,Cts/S, .0002,.0000,2.412, .0002, .0002
Pb2203,220.353 {453},In2306,Cts/S, .0000,.0001,105.7, -.0001, .0000
S_1820,182.034 {485},Y_2243,Cts/S, -.0007,.0000,4.673, -.0007, -.0008
Sb2068,206.833 {463},Y_2243,Cts/S, .0000,.0000,81.15, .0000, .0000
Se1960,196.090 {472},Y_2243,Cts/S, .0000,.0000,321.5, .0000, .0000
Si2516,251.611 {134},Y_3710,Cts/S, .0003,.0000,2.853, .0003, .0004
Sn1899,189.989 {477},In2306,Cts/S, .0001,.0000,17.50, .0001, .0000
Sr4215,421.552 { 80},Y_3710,Cts/S, -.0004,.0004,94.18, -.0007, -.0001
Ti3349,334.904 {101},Y_3600,Cts/S, .0000,.0000,42.28, .0000, -.0001
Tl1908,190.856 {477},In2306,Cts/S, -.0001,.0000,6.177, -.0001, -.0001
V_2924,292.402 {115},Y_3600,Cts/S, -.0001,.0000,34.64, -.0001, -.0001
Zn2062,206.200 {463},In2306,Cts/S, .0005,.0000,5.840, .0005, .0005

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 430.22,4.2874,.99657,433.25,427.18
In2306,230.606 {446},Cts/S, 15074.,1.9350,.01284,15073.,15076.
Y_2243,224.306 {450},Cts/S, 19426.,9.6569,.04971,19433.,19419.
Y_3600,360.073 { 94},Cts/S, 153390.,91.533,.05967,153450.,153320.
Y_3710,371.030 { 91},Cts/S, 19061.,190.49,.99940,18926.,19195.

[Sample Header]
Method=ICP6500Metals_TRY3(v757)
SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=

Run Time=3/23/2012 8:53:48
Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,Cts/S, .0079,.0001,1.029, .0080, .0078
Al3082,308.215 {109},In2306,Cts/S, .3613,.0018,.4977, .3601, .3626
As1890,189.042 {478},Y_2243,Cts/S, .0052,.0002,3.545, .0053, .0051
B_2496,249.678 {135},Y_3710,Cts/S, .0030,.0001,3.315, .0031, .0030
Ba4554,455.403 { 74},Y_3710,Cts/S, .2543,.0002,.0721, .2542, .2545
Be3130,313.042 {108},Y_3710,Cts/S, .1232,.0003,.2351, .1230, .1234
Ca3158,315.887 {107},In2306,Cts/S, 1.220,.0035,.2906, 1.217, 1.222
Ca3181,318.128 {106},In2306,Cts/S, .2731,.0032,1.187, .2708, .2754
Cd2288,228.802 {447},Y_2243,Cts/S, .0542,.0013,2.444, .0551, .0533
Co2286,228.616 {447},In2306,Cts/S, .0886,.0027,3.037, .0905, .0867
Cr2677,267.716 {126},Y_3600,Cts/S, .0128,.0000,.0443, .0128, .0128
Cu3247,324.754 {104},Y_3600,Cts/S, .0309,.0000,.1141, .0309, .0310
Fe2404,240.488 {140},In2306,Cts/S, 1.214,.0115,.9464, 1.206, 1.222
K_7664,766.490 { 44},Y_3710,Cts/S, .0366,.0013,3.643, .0357, .0376
K_7698,769.896 { 44},Y_3710,Cts/S, .0210,.0002,.7994, .0211, .0209
Li6707,670.784 { 50},Y_3710,Cts/S, .0832,.0002,.2925, .0834, .0830
Mg2790,279.079 {121},Y_3710,Cts/S, .0067,.0001,2.088, .0068, .0066
Mn2576,257.610 {131},Y_3600,Cts/S, .0814,.0000,.0086, .0813, .0814
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .0296,.0002,.7228, .0295, .0298
Mo2020,202.030 {467},Y_2243,Cts/S, .0287,.0008,2.885, .0293, .0281
Na5895,589.592 { 57},Y_3710,Cts/S, .1074,.0003,.2974, .1072, .1076
Na8183,818.326 { 41},Y_3710,Cts/S, .0034,.0002,4.750, .0033, .0035
Ni2316,231.604 {445},In2306,Cts/S, .0474,.0013,2.715, .0483, .0465
P_1782,178.284 {489},In2306,Cts/S, .0050,.0001,2.072, .0050, .0049
Pb2203,220.353 {453},In2306,Cts/S, .0151,.0003,2.093, .0154, .0149
S_1820,182.034 {485},Y_2243,Cts/S, -.0007,.0000,1.125, -.0007, -.0006
Sb2068,206.833 {463},Y_2243,Cts/S, .0045,.0001,3.104, .0046, .0044
Se1960,196.090 {472},Y_2243,Cts/S, .0033,.0001,1.932, .0034, .0033
Si2516,251.611 {134},Y_3710,Cts/S, .0023,.0000,1.898, .0023, .0024
Sn1899,189.989 {477},In2306,Cts/S, .0188,.0005,2.546, .0191, .0184
Sr4215,421.552 { 80},Y_3710,Cts/S, .1683,.0002,.1314, .1681, .1684
Ti3349,334.904 {101},Y_3600,Cts/S, .0218,.0002,.7571, .0217, .0219
Tl1908,190.856 {477},In2306,Cts/S, .0058,.0002,4.209, .0059, .0056
V_2924,292.402 {115},Y_3600,Cts/S, .0197,.0002,.8549, .0196, .0198
Zn2062,206.200 {463},In2306,Cts/S, .1118,.0033,2.935, .1141, .1094

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 420.87,5.7647,1.3697,424.95,416.80
In2306,230.606 {446},Cts/S, 14862.,129.66,.87244,14770.,14953.
Y_2243,224.306 {450},Cts/S, 19475.,156.30,.80257,19364.,19585.
Y_3600,360.073 { 94},Cts/S, 155480.,1071.2,.68897,156230.,154720.
Y_3710,371.030 { 91},Cts/S, 19454.,86.088,.44251,19515.,19393.

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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
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Al3082,308.215 {109},In2306,Cts/S, .6978,.0058,.8269, .7019, .6937
As1890,189.042 {478},Y_2243,Cts/S, .0105,.0001,1.343, .0106, .0104
B_2496,249.678 {135},Y_3710,Cts/S, .0060,.0000,.7018, .0060, .0060
Ba4554,455.403 { 74},Y_3710,Cts/S, .5074,.0007,.1324, .5078, .5069
Be3130,313.042 {108},Y_3710,Cts/S, .2510,.0004,.1583, .2507, .2513
Ca3158,315.887 {107},In2306,Cts/S, 2.449,.0018,.0738, 2.450, 2.448
Ca3181,318.128 {106},In2306,Cts/S, .5335,.0074,1.396, .5388, .5282
Cd2288,228.802 {447},Y_2243,Cts/S, .1092,.0008,.7676, .1098, .1086
Co2286,228.616 {447},In2306,Cts/S, .1811,.0016,.9016, .1822, .1799
Cr2677,267.716 {126},Y_3600,Cts/S, .0260,.0000,.1185, .0260, .0259
Cu3247,324.754 {104},Y_3600,Cts/S, .0571,.0000,.0100, .0571, .0571
Fe2404,240.488 {140},In2306,Cts/S, 2.394,.0253,1.056, 2.412, 2.376
K_7664,766.490 { 44},Y_3710,Cts/S, .0740,.0004,.5010, .0737, .0742
K_7698,769.896 { 44},Y_3710,Cts/S, .0371,.0007,1.826, .0367, .0376
Li6707,670.784 { 50},Y_3710,Cts/S, .1656,.0015,.9194, .1667, .1645
Mg2790,279.079 {121},Y_3710,Cts/S, .0136,.0001,.6000, .0136, .0137
Mn2576,257.610 {131},Y_3600,Cts/S, .1614,.0004,.2404, .1611, .1617
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .0599,.0001,.1090, .0599, .0599
Mo2020,202.030 {467},Y_2243,Cts/S, .0584,.0006,.9498, .0588, .0580
Na5895,589.592 { 57},Y_3710,Cts/S, .2155,.0006,.2793, .2159, .2150
Na8183,818.326 { 41},Y_3710,Cts/S, .0085,.0000,.1914, .0085, .0085
Ni2316,231.604 {445},In2306,Cts/S, .0965,.0005,.5471, .0968, .0961
P_1782,178.284 {489},In2306,Cts/S, .0100,.0001,.9989, .0101, .0100
Pb2203,220.353 {453},In2306,Cts/S, .0310,.0000,.1055, .0310, .0310
S_1820,182.034 {485},Y_2243,Cts/S, -.0008,.0000,5.103, -.0008, -.0008
Sb2068,206.833 {463},Y_2243,Cts/S, .0094,.0001,.9406, .0095, .0094
Se1960,196.090 {472},Y_2243,Cts/S, .0067,.0000,.5190, .0067, .0067
Si2516,251.611 {134},Y_3710,Cts/S, .0045,.0000,.5655, .0045, .0045
Sn1899,189.989 {477},In2306,Cts/S, .0384,.0004,1.126, .0387, .0381
Sr4215,421.552 { 80},Y_3710,Cts/S, .3410,.0008,.2480, .3416, .3404
Ti3349,334.904 {101},Y_3600,Cts/S, .0446,.0002,.3443, .0447, .0445
Tl1908,190.856 {477},In2306,Cts/S, .0122,.0004,3.148, .0125, .0119
V_2924,292.402 {115},Y_3600,Cts/S, .0400,.0001,.1633, .0400, .0401
Zn2062,206.200 {463},In2306,Cts/S, .2150,.0019,.8640, .2163, .2137

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 421.23,.45018,.10687,420.91,421.54
In2306,230.606 {446},Cts/S, 14739.,66.931,.45410,14692.,14786.
Y_2243,224.306 {450},Cts/S, 19495.,59.992,.30773,19453.,19537.
Y_3600,360.073 { 94},Cts/S, 154460.,746.40,.48324,154990.,153930.
Y_3710,371.030 { 91},Cts/S, 19202.,55.545,.28926,19241.,19163.

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Al3082,308.215 {109},In2306,Cts/S, 1.389,.0070,.5040, 1.384, 1.394
As1890,189.042 {478},Y_2243,Cts/S, .0214,.0004,1.786, .0212, .0217
B_2496,249.678 {135},Y_3710,Cts/S, .0122,.0000,.1408, .0122, .0122
Ba4554,455.403 { 74},Y_3710,Cts/S, 1.017,.0063,.6183, 1.013, 1.021
Be3130,313.042 {108},Y_3710,Cts/S, .5046,.0012,.2304, .5037, .5054
Ca3158,315.887 {107},In2306,Cts/S, 4.955,.0252,.5087, 4.937, 4.973
Ca3181,318.128 {106},In2306,Cts/S, 1.103,.0016,.1483, 1.104, 1.101
Cd2288,228.802 {447},Y_2243,Cts/S, .2204,.0049,2.224, .2169, .2239
Co2286,228.616 {447},In2306,Cts/S, .3702,.0088,2.369, .3640, .3764
Cr2677,267.716 {126},Y_3600,Cts/S, .0512,.0003,.6283, .0510, .0515
Cu3247,324.754 {104},Y_3600,Cts/S, .1079,.0005,.4464, .1076, .1082
Fe2404,240.488 {140},In2306,Cts/S, 4.868,.0021,.0427, 4.866, 4.869
K_7664,766.490 { 44},Y_3710,Cts/S, .1462,.0000,.0091, .1462, .1462
K_7698,769.896 { 44},Y_3710,Cts/S, .0679,.0006,.8864, .0675, .0683
Li6707,670.784 { 50},Y_3710,Cts/S, .3268,.0022,.6681, .3253, .3283
Mg2790,279.079 {121},Y_3710,Cts/S, .0277,.0001,.2301, .0277, .0276
Mn2576,257.610 {131},Y_3600,Cts/S, .3179,.0025,.7762, .3161, .3196
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .1201,.0003,.2800, .1199, .1203
Mo2020,202.030 {467},Y_2243,Cts/S, .1182,.0023,1.979, .1165, .1198
Na5895,589.592 { 57},Y_3710,Cts/S, .4281,.0030,.6939, .4260, .4302
Na8183,818.326 { 41},Y_3710,Cts/S, .0177,.0008,4.540, .0171, .0183
Ni2316,231.604 {445},In2306,Cts/S, .1966,.0042,2.126, .1937, .1996
P_1782,178.284 {489},In2306,Cts/S, .0205,.0004,1.983, .0202, .0208
Pb2203,220.353 {453},In2306,Cts/S, .0628,.0016,2.485, .0617, .0639
S_1820,182.034 {485},Y_2243,Cts/S, -.0008,.0000,.8154, -.0008, -.0008
Sb2068,206.833 {463},Y_2243,Cts/S, .0193,.0004,1.830, .0190, .0195
Se1960,196.090 {472},Y_2243,Cts/S, .0135,.0003,2.518, .0133, .0138
Si2516,251.611 {134},Y_3710,Cts/S, .0087,.0001,.8608, .0087, .0088
Sn1899,189.989 {477},In2306,Cts/S, .0789,.0016,2.014, .0777, .0800
Sr4215,421.552 { 80},Y_3710,Cts/S, .6843,.0036,.5224, .6818, .6868
Ti3349,334.904 {101},Y_3600,Cts/S, .0883,.0004,.4694, .0880, .0886
Tl1908,190.856 {477},In2306,Cts/S, .0254,.0003,1.340, .0251, .0256
V_2924,292.402 {115},Y_3600,Cts/S, .0792,.0004,.5644, .0789, .0795
Zn2062,206.200 {463},In2306,Cts/S, .4415,.0100,2.259, .4345, .4486

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 416.20,2.9758,.71500,414.10,418.31
In2306,230.606 {446},Cts/S, 14414.,308.40,2.1396,14632.,14196.
Y_2243,224.306 {450},Cts/S, 19406.,403.67,2.0801,19691.,19121.
Y_3600,360.073 { 94},Cts/S, 156220.,889.38,.56930,156850.,155600.
Y_3710,371.030 { 91},Cts/S, 19135.,152.50,.79696,19027.,19243.

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Al3082,308.215 {109},In2306,Cts/S, 2.750,.0059,.2156, 2.746, 2.754
As1890,189.042 {478},Y_2243,Cts/S, .0425,.0005,1.204, .0421, .0428
B_2496,249.678 {135},Y_3710,Cts/S, .0244,.0001,.3807, .0244, .0243
Ba4554,455.403 { 74},Y_3710,Cts/S, 2.036,.0009,.0438, 2.035, 2.037
Be3130,313.042 {108},Y_3710,Cts/S, 1.010,.0040,.3997, 1.007, 1.013
Ca3158,315.887 {107},In2306,Cts/S, 9.885,.0195,.1969, 9.899, 9.872
Ca3181,318.128 {106},In2306,Cts/S, 2.181,.0218,1.001, 2.197, 2.166
Cd2288,228.802 {447},Y_2243,Cts/S, .4363,.0023,.5317, .4347, .4380
Co2286,228.616 {447},In2306,Cts/S, .7427,.0031,.4109, .7405, .7449
Cr2677,267.716 {126},Y_3600,Cts/S, .1043,.0004,.3631, .1046, .1041
Cu3247,324.754 {104},Y_3600,Cts/S, .2144,.0004,.1640, .2147, .2142
Fe2404,240.488 {140},In2306,Cts/S, 9.601,.0481,.5008, 9.635, 9.567
K_7664,766.490 { 44},Y_3710,Cts/S, .2920,.0012,.4030, .2912, .2929
K_7698,769.896 { 44},Y_3710,Cts/S, .1315,.0003,.2613, .1312, .1317
Li6707,670.784 { 50},Y_3710,Cts/S, .6499,.0014,.2131, .6489, .6509
Mg2790,279.079 {121},Y_3710,Cts/S, .0548,.0004,.6788, .0545, .0550
Mn2576,257.610 {131},Y_3600,Cts/S, .6467,.0031,.4774, .6489, .6445
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .2366,.0017,.7296, .2378, .2354
Mo2020,202.030 {467},Y_2243,Cts/S, .2314,.0010,.4414, .2306, .2321
Na5895,589.592 { 57},Y_3710,Cts/S, .8525,.0053,.6202, .8487, .8562
Na8183,818.326 { 41},Y_3710,Cts/S, .0383,.0007,1.870, .0378, .0388
Ni2316,231.604 {445},In2306,Cts/S, .3938,.0018,.4549, .3925, .3950
P_1782,178.284 {489},In2306,Cts/S, .0419,.0001,.1617, .0418, .0419
Pb2203,220.353 {453},In2306,Cts/S, .1251,.0006,.4451, .1247, .1255
S_1820,182.034 {485},Y_2243,Cts/S, -.0009,.0000,2.057, -.0008, -.0009
Sb2068,206.833 {463},Y_2243,Cts/S, .0383,.0000,.0516, .0383, .0382
Se1960,196.090 {472},Y_2243,Cts/S, .0268,.0000,.0208, .0268, .0268
Si2516,251.611 {134},Y_3710,Cts/S, .0171,.0005,2.667, .0168, .0175
Sn1899,189.989 {477},In2306,Cts/S, .1579,.0006,.3960, .1574, .1583
Sr4215,421.552 { 80},Y_3710,Cts/S, 1.360,.0031,.2272, 1.357, 1.362
Ti3349,334.904 {101},Y_3600,Cts/S, .1813,.0009,.5038, .1819, .1806
Tl1908,190.856 {477},In2306,Cts/S, .0508,.0002,.3174, .0509, .0507
V_2924,292.402 {115},Y_3600,Cts/S, .1630,.0003,.1907, .1632, .1628
Zn2062,206.200 {463},In2306,Cts/S, .8906,.0030,.3325, .8885, .8927

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 424.58,2.6160,.61613,422.73,426.43
In2306,230.606 {446},Cts/S, 14137.,59.595,.42156,14179.,14095.
Y_2243,224.306 {450},Cts/S, 19454.,85.491,.43944,19515.,19394.
Y_3600,360.073 { 94},Cts/S, 151390.,587.82,.38828,150980.,151810.
Y_3710,371.030 { 91},Cts/S, 19414.,49.352,.25421,19449.,19379.

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Al3082,308.215 {109},In2306,Cts/S, 5.689,.4219,7.416, 5.390, 5.987
As1890,189.042 {478},Y_2243,Cts/S, .0854,.0000,.0481, .0854, .0855
B_2496,249.678 {135},Y_3710,Cts/S, .0507,.0034,6.622, .0483, .0531
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Ba4554,455.403 { 74},Y_3710,Cts/S, 4.221,.2733,6.475, 4.027, 4.414
Be3130,313.042 {108},Y_3710,Cts/S, 2.097,.1310,6.247, 2.005, 2.190
Ca3158,315.887 {107},In2306,Cts/S, 20.69,1.435,6.933, 19.68, 21.71
Ca3181,318.128 {106},In2306,Cts/S, 4.544,.3348,7.368, 4.307, 4.781
Cd2288,228.802 {447},Y_2243,Cts/S, .8696,.0015,.1688, .8707, .8686
Co2286,228.616 {447},In2306,Cts/S, 1.489,.0069,.4658, 1.494, 1.484
Cr2677,267.716 {126},Y_3600,Cts/S, .2156,.0174,8.063, .2033, .2279
Cu3247,324.754 {104},Y_3600,Cts/S, .4417,.0345,7.801, .4173, .4660
Fe2404,240.488 {140},In2306,Cts/S, 19.91,1.457,7.317, 18.88, 20.94
K_7664,766.490 { 44},Y_3710,Cts/S, .6018,.0307,5.105, .5800, .6235
K_7698,769.896 { 44},Y_3710,Cts/S, .2647,.0139,5.266, .2549, .2746
Li6707,670.784 { 50},Y_3710,Cts/S, 1.339,.0795,5.938, 1.282, 1.395
Mg2790,279.079 {121},Y_3710,Cts/S, .1137,.0069,6.102, .1088, .1186
Mn2576,257.610 {131},Y_3600,Cts/S, 1.330,.1067,8.026, 1.254, 1.405
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .4915,.0317,6.450, .4690, .5139
Mo2020,202.030 {467},Y_2243,Cts/S, .4608,.0010,.2091, .4615, .4601
Na5895,589.592 { 57},Y_3710,Cts/S, 1.762,.0992,5.632, 1.692, 1.832
Na8183,818.326 { 41},Y_3710,Cts/S, .0790,.0041,5.190, .0761, .0819
Ni2316,231.604 {445},In2306,Cts/S, .7909,.0029,.3687, .7929, .7888
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Si2516,251.611 {134},Y_3710,Cts/S, .0363,.0034,9.235, .0340, .0387
Sn1899,189.989 {477},In2306,Cts/S, .3169,.0017,.5440, .3181, .3157
Sr4215,421.552 { 80},Y_3710,Cts/S, 2.820,.1845,6.545, 2.689, 2.950
Ti3349,334.904 {101},Y_3600,Cts/S, .3767,.0312,8.286, .3546, .3988
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V_2924,292.402 {115},Y_3600,Cts/S, .3405,.0276,8.094, .3210, .3600
Zn2062,206.200 {463},In2306,Cts/S, 1.800,.0079,.4363, 1.806, 1.795

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 405.92,22.515,5.5467,421.84,390.00
In2306,230.606 {446},Cts/S, 13672.,34.460,.25205,13648.,13696.
Y_2243,224.306 {450},Cts/S, 19207.,6.3656,.03314,19202.,19211.
Y_3600,360.073 { 94},Cts/S, 145380.,9526.7,6.5530,152110.,138640.
Y_3710,371.030 { 91},Cts/S, 18579.,815.63,4.3902,19155.,18002.

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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .2386,.0035,1.459, .2361, .2411
Al3082,308.215 {109},In2306,ppm, 2.346,.0197,.8391, 2.360, 2.332
As1890,189.042 {478},Y_2243,ppm, .4858,.0002,.0365, .4857, .4859
B_2496,249.678 {135},Y_3710,ppm, .4726,.0083,1.759, .4667, .4784
Ba4554,455.403 { 74},Y_3710,ppm, .4671,.0023,.5003, .4655, .4688
Be3130,313.042 {108},Y_3710,ppm, .4757,.0024,.5116, .4740, .4774
Ca3158,315.887 {107},In2306,ppm, 11.90,.0615,.5164, 11.94, 11.86
Ca3181,318.128 {106},In2306,ppm, 11.95,.0372,.3111, 11.92, 11.97
```

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Cd2288,228.802 {447},Y_2243,ppm, .4826,.0003,.0641, .4824, .4828
Co2286,228.616 {447},In2306,ppm, .4836,.0077,1.599, .4782, .4891
Cr2677,267.716 {126},Y_3600,ppm, .4666,.0024,.5226, .4648, .4683
Cu3247,324.754 {104},Y_3600,ppm, .4660,.0016,.3429, .4671, .4649
Fe2404,240.488 {140},In2306,ppm, 2.397,.0153,.6372, 2.408, 2.386
K_7664,766.490 { 44},Y_3710,ppm, 11.82,.0440,.3726, 11.79, 11.85
K_7698,769.896 { 44},Y_3710,ppm, 11.89,.0694,.5838, 11.84, 11.94
Li6707,670.784 { 50},Y_3710,ppm, .4730,.0017,.3686, .4718, .4743
Mg2790,279.079 {121},Y_3710,ppm, 4.746,.0206,.4334, 4.732, 4.761
Mn2576,257.610 {131},Y_3600,ppm, .4664,.0053,1.127, .4627, .4701
Mn2576-2,257.610 {131}2,Y_3710,ppm, .4694,.0023,.4850, .4678, .4710
Mo2020,202.030 {467},Y_2243,ppm, .5013,.0042,.8369, .4984, .5043
Na5895,589.592 { 57},Y_3710,ppm, 11.80,.0631,.5349, 11.75, 11.84
Na8183,818.326 { 41},Y_3710,ppm, 11.83,.1188,1.005, 11.74, 11.91
Ni2316,231.604 {445},In2306,ppm, .4823,.0076,1.581, .4769, .4877
P_1782,178.284 {489},In2306,ppm, .0021,.0061,292.6, -.0022, .0064
Pb2203,220.353 {453},In2306,ppm, .4799,.0055,1.139, .4760, .4837
S_1820,182.034 {485},Y_2243,ppm, -123.4,.0978,.0792, -123.5, -123.4
Sb2068,206.833 {463},Y_2243,ppm, .4923,.0031,.6265, .4901, .4945
Se1960,196.090 {472},Y_2243,ppm, .4955,.0051,1.031, .4919, .4991
Si2516,251.611 {134},Y_3710,ppm, .8628,.0017,.1984, .8616, .8641
Sn1899,189.989 {477},In2306,ppm, .4949,.0074,1.495, .4897, .5002
Sr4215,421.552 { 80},Y_3710,ppm, .2407,.0015,.6122, .2396, .2417
Ti3349,334.904 {101},Y_3600,ppm, .4740,.0026,.5412, .4722, .4758
Tl1908,190.856 {477},In2306,ppm, .4947,.0073,1.469, .4896, .4998
V_2924,292.402 {115},Y_3600,ppm, .4679,.0007,.1547, .4674, .4684
Zn2062,206.200 {463},In2306,ppm, .4786,.0087,1.816, .4724, .4847

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 421.29,2.7403,.65047,419.35,423.23
In2306,230.606 {446},Cts/S, 14309.,102.83,.71862,14382.,14236.
Y_2243,224.306 {450},Cts/S, 19322.,62.919,.32564,19366.,19277.
Y_3600,360.073 { 94},Cts/S, 152980.,982.98,.64256,153670.,152280.
Y_3710,371.030 { 91},Cts/S, 19381.,89.646,.46255,19444.,19317.
```

Method: 20076010 03/28/12 09:40:29 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A032812	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 03/28/12 09:51:39 AM page 1

Method: 20076010 Standard: S0
Run Time: 03/28/12 09:48:15

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.00602	.00139	-.00206	-.00010	-.02190	.03230	.00242
SDev	.00010	.00053	.00037	.00048	.00006	.00251	.00001
%RSD	1.7192	37.847	18.010	498.33	.25140	7.7779	.29645
#1	.00610	.00102	-.00180	.00024	-.02186	.03407	.00243
#2	.00595	.00177	-.00232	-.00044	-.02193	.03052	.00242

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00545	-.00025	-.00028	.00385	.00158	.06838	.03600
SDev	.00002	.00022	.00015	.00015	.00240	.00036	.00016
%RSD	.29645	87.363	55.088	3.8540	152.25	.52200	.43925
#1	.00546	-.00010	-.00017	.00396	.00328	.06863	.03611
#2	.00544	-.00041	-.00039	.00375	-.00012	.06812	.03589

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	-.00001	-.00055	-.00079	.43276	.03278	-.00024	-.00167
SDev	.00002	.00040	.00177	.00219	.00080	.00010	.00051
%RSD	141.42	72.501	223.65	.50632	2.4399	42.156	30.461
#1	.00000	-.00083	-.00204	.43431	.03334	-.00017	-.00131
#2	-.00002	-.00027	.00046	.43121	.03221	-.00031	-.00203

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.21779	-.00741	-.00171	.00095	-.00338	-.00008	.00114
SDev	.00001	.00114	.00057	.00024	.00086	.00009	.00000
%RSD	.00254	15.421	33.379	25.670	25.565	100.87	.29645
#1	.21779	-.00661	-.00211	.00112	-.00277	-.00002	.00114
#2	.21779	-.00822	-.00131	.00077	-.00399	-.00015	.00114

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00643	-.00429	-.00268	.00109

SDev	.00168	.00631	.00025	.00030			
%RSD	26.080	147.02	9.3036	28.000			
#1	.00525	.00017	-.00250	.00087			
#2	.00762	-.00875	-.00285	.00131			

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41264	--	--	--	--	--	--
SDev	122.3295	--	--	--	--	--	--
%RSD	.2964521	--	--	--	--	--	--
#1	41178	--	--	--	--	--	--
#2	41351	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 03/28/12 09:52:46

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.87022	.97515	1.1145	12.561	22.344	6.6899	13.861
SDev	.00241	.00275	.0035	.012	.046	.0045	.045
%RSD	.27698	.28194	.31749	.09558	.20675	.06691	.32370
#1	.87193	.97710	1.1170	12.569	22.377	6.6931	13.893
#2	.86852	.97321	1.1120	12.552	22.311	6.6867	13.829

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.8993	2.2072	1.2992	1.2924	4.9130	18.147	1.2557
SDev	.0091	.0053	.0032	.0011	.0112	.032	.0052
%RSD	.31321	.24110	.24302	.08671	.22847	.17575	.41506
#1	2.9057	2.2109	1.3014	1.2932	4.9210	18.169	1.2594
#2	2.8928	2.2034	1.2970	1.2916	4.9051	18.124	1.2520

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.8544	1.6596	5.5355	2.5205	.86941	.74730	.12338
SDev	.0045	.0032	.0140	.0066	.00429	.00217	.00126
%RSD	.24257	.19559	.25376	.26293	.49295	.29053	1.0189
#1	1.8576	1.6619	5.5454	2.5252	.87244	.74883	.12426
#2	1.8513	1.6573	5.5255	2.5158	.86638	.74576	.12249

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	14.871	41.322	.33108	2.7424	11.272	.55415	3.2205
SDev	.030	.048	.00057	.0106	.015	.00130	.0085
%RSD	.20484	.11597	.17137	.38834	.13564	.23517	.26280
#1	14.893	41.356	.33148	2.7499	11.283	.55508	3.2265
#2	14.850	41.288	.33068	2.7349	11.261	.55323	3.2145

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.8931	8.0539	1.1300	1.0364
SDev	.0066	.0253	.0030	.0052
%RSD	.17037	.31374	.26856	.49950
#1	3.8978	8.0717	1.1322	1.0401
#2	3.8884	8.0360	1.1279	1.0327

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41042	--	--	--	--	--	--
SDev	125.8650	--	--	--	--	--	--
%RSD	.3066737	--	--	--	--	--	--
#1	40953	--	--	--	--	--	--
#2	41131	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	23.1428	-.139372	03/28/12 09:52:46
Sb2068	206.838	STD	S0	2.06073	-.002870	03/28/12 09:52:46
As1890	189.042	STD	S0	1.77388	.003653	03/28/12 09:52:46
Ba4934	493.409	STD	S0	.159224	.000015	03/28/12 09:52:46
Be3130	313.042	STD	S0	.044740	.000980	03/28/12 09:52:46
B_2496	249.678	STD	S0	.300408	-.009702	03/28/12 09:52:46
Cd2265	226.502	STD	S0	.072300	-.000175	03/28/12 09:52:46
Ca3179	317.933	STD	S0	6.91133	-.037685	03/28/12 09:52:46
Cr2677	267.716	STD	S0	.906037	.000230	03/28/12 09:52:46
Co2286	228.616	STD	S0	1.53907	.000429	03/28/12 09:52:46
Cu3247	324.753	STD	S0	1.55132	-.005978	03/28/12 09:52:46
Fe2714	271.441	STD	S0	3.90352	-.006163	03/28/12 09:52:46
Li6707	670.784	STD	S0	.110630	-.007565	03/28/12 09:52:46
Pb2203	220.353		NONE	.000000	.000000	*03/28/12 09:52:46
Se1960	196.026		NONE	.000000	.000000	*03/28/12 09:52:46
Mg2790	279.078	STD	S0	16.3970	-.590288	03/28/12 09:52:46
Mn2576	257.610	STD	S0	1.07869	.000013	03/28/12 09:52:46
Mo2020	202.030	STD	S0	1.20472	.000658	03/28/12 09:52:46
Ni2316	231.604	STD	S0	.361255	.000285	03/28/12 09:52:46
K_7664	766.491	STD	S0	9.57962	-4.14568	03/28/12 09:52:46
Si2881	288.158	STD	S0	2.36854	-.077635	03/28/12 09:52:46
Ag3280	328.068	STD	S0	1.33809	.000324	03/28/12 09:52:46
Na3302	330.232	STD	S0	159.940	.267321	03/28/12 09:52:46
Na5889	588.995	STD	S0	1.36488	-.297257	03/28/12 09:52:46
Sr4215	421.552	STD	S0	.024207	.000179	03/28/12 09:52:46
Tl1908	190.864	STD	S0	6.02923	.010306	03/28/12 09:52:46
Sn1899	189.989	STD	S0	.729539	-.000690	03/28/12 09:52:46
Ti3349	334.941	STD	S0	.177373	.000599	03/28/12 09:52:46
V_2924	292.402	STD	S0	3.57398	.000303	03/28/12 09:52:46
Zn2138	213.856	STD	S0	.622004	-.000708	03/28/12 09:52:46
2203/1	220.351	STD	S0	.517580	-.003329	03/28/12 09:52:46
2203/2	220.352	STD	S0	.247266	.001061	03/28/12 09:52:46
1960/1	196.021	STD	S0	1.76789	.004733	03/28/12 09:52:46
1960/2	196.022	STD	S0	1.92775	-.002101	03/28/12 09:52:46

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	.000000	-.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	.000000	-.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 03/28/12 09:56:29 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	-.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 03/28/12 09:56:29 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 03/28/12 10:01:14 AM page 1

Method: 20076010 Sample Name: S2 met0312cal_00001 Operator: DCL
Run Time: 03/28/12 09:57:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.218	2.0298	2.0225	2.0298	1.0146	2.0270	1.0149

SDev	.038	.0113	.0051	.0053	.0034	.0038	.0031
%RSD	.18817	.55566	.25240	.26121	.33405	.18811	.30458
#1	20.245	2.0378	2.0261	2.0335	1.0170	2.0297	1.0170
#2	20.191	2.0218	2.0189	2.0260	1.0122	2.0243	1.0127
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.253	2.0260	2.0220	2.0194	20.261	2.0238	2.0271
SDev	.059	.0059	.0065	.0055	.065	.0037	.0045
%RSD	.29162	.29345	.32179	.27468	.32056	.18484	.22047
#1	20.295	2.0302	2.0266	2.0233	20.307	2.0265	2.0302
#2	20.211	2.0218	2.0174	2.0154	20.215	2.0212	2.0239
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0223	20.250	2.0228	2.0294	2.0455	20.257	2.0152
SDev	.0012	.055	.0063	.0023	.0029	.055	.0032
%RSD	.05875	.27385	.31393	.11230	.14019	.26921	.15970
#1	2.0231	20.290	2.0273	2.0310	2.0475	20.296	2.0175
#2	2.0215	20.211	2.0183	2.0278	2.0435	20.218	2.0130
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0105	20.123	20.231	1.0146	2.0316	2.0239	2.0286
SDev	.0034	.045	.022	.0026	.0069	.0041	.0058
%RSD	.33247	.22259	.10831	.25847	.34034	.20419	.28807
#1	1.0129	20.092	20.247	1.0165	2.0267	2.0269	2.0327
#2	1.0081	20.155	20.216	1.0127	2.0365	2.0210	2.0244
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	2.0226	2.0276	2.0247	2.0283	2.0251	2.0209	
SDev	.0057	.0052	.0070	.0032	.0072	.0018	
%RSD	.28115	.25828	.34518	.15822	.35324	.08879	
#1	2.0266	2.0313	2.0296	2.0306	2.0302	2.0196	
#2	2.0186	2.0239	2.0198	2.0260	2.0201	2.0222	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40847	--	--	--	--	--	--
SDev	147.0782	--	--	--	--	--	--
%RSD	.3600710	--	--	--	--	--	--

#1	40743	--	--	--	--	--	--
#2	40951	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 10:01:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4881	.50040	.50285	.49744	.50629	.49940	.50512
SDev	.0039	.00053	.00129	.00239	.00317	.00314	.00283
%RSD	.15688	.10616	.25661	.48144	.62692	.62855	.56110
#1	2.4909	.50078	.50376	.49913	.50854	.50162	.50712
#2	2.4854	.50003	.50194	.49575	.50405	.49718	.50312

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.571	.49970	.50205	.50088	2.5470	.45879	.50060
SDev	.069	.00281	.00222	.00222	.0217	.00201	.00340
%RSD	.54736	.56273	.44288	.44314	.85149	.43764	.67859
#1	12.620	.50169	.50363	.50245	2.5624	.46021	.50300
#2	12.523	.49771	.50048	.49931	2.5317	.45737	.49820

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51152	5.0018	.49330	.51085	.50471	12.005	.94827
SDev	.00119	.0290	.00257	.00619	.00105	.101	.00463
%RSD	.23336	.57914	.52183	1.2108	.20765	.84236	.48819
#1	.51068	5.0222	.49512	.51522	.50545	12.077	.95155
#2	.51236	4.9813	.49148	.50647	.50397	11.934	.94500

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24800	12.751	11.927	.24897	.51539	.50796	.50578
SDev	.00113	.016	.057	.00121	.00248	.00564	.00239
%RSD	.45645	.12670	.47504	.48459	.48063	1.1109	.47182
#1	.24880	12.740	11.967	.24982	.51714	.51195	.50747
#2	.24720	12.762	11.887	.24811	.51363	.50397	.50409

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50476	.51032	.49822	.50179	.50384	.51542
SDev	.00285	.00252	.00458	.00281	.00377	.00368
%RSD	.56568	.49446	.91946	.55901	.74899	.71341
#1	.50678	.51210	.50146	.50378	.50651	.51282
#2	.50274	.50853	.49498	.49981	.50117	.51802

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 10:05:06 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41556	--	--	--	--	--	--
SDev	136.4716	--	--	--	--	--	--
%RSD	.3284081	--	--	--	--	--	--
#1	41459	--	--	--	--	--	--
#2	41652	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: DCL
Run Time: 03/28/12 10:05:09

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00591	.00141	.00292	.00003	-.00000	.00292	-.00011
SDev	.00406	.00181	.00117	.00006	.00001	.00079	.00009
%RSD	68.705	128.38	40.150	240.30	279.59	26.963	80.860
#1	.00878	.00268	.00374	.00007	.00000	.00348	-.00005
#2	.00304	.00013	.00209	-.00002	-.00001	.00236	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00208	.00005	-.00042	-.00003	-.01161	-.00002	.00040
SDev	.00046	.00032	.00036	.00046	.02536	.00009	.00035
%RSD	22.096	686.85	85.964	1513.9	218.54	570.93	87.070
#1	-.00176	.00027	-.00016	.00029	.00633	.00005	.00065
#2	-.00241	-.00018	-.00067	-.00036	-.02954	-.00008	.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	-.00827	.00010	.00395	-.00068	-.06703	-.00185
SDev	.00125	.00564	.00009	.00067	.00033	.04685	.00125
%RSD	195.94	68.182	88.355	17.063	48.706	69.891	67.521
#1	.00152	-.00429	.00017	.00443	-.00044	-.03390	-.00096
#2	-.00025	-.01226	.00004	.00347	-.00091	-.10015	-.00273

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.16531	-.00281	.00003	.00562	-.00110	.00030
SDev	.00045	.11647	.00148	.00005	.00191	.00008	.00018
%RSD	108.91	70.457	52.658	178.90	33.984	7.6261	61.818
#1	-.00009	-.08295	-.00176	.00006	.00697	-.00104	.00043
#2	-.00073	-.24767	-.00385	-.00001	.00427	-.00116	.00017

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00060	-.00229	.00175	-.00661	.00426
SDev	.00073	.00002	.00093	.00099	.00322	.00348
%RSD	213.81	2.6152	40.444	56.466	48.688	81.667
#1	.00086	.00059	-.00295	.00244	-.00888	.00672

#2	-.00018	.00062	-.00164	.00105	-.00433	.00180

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41740	--	--	--	--	--	--
SDev	265.1650	--	--	--	--	--	--
%RSD	.6352856	--	--	--	--	--	--
#1	41552	--	--	--	--	--	--
#2	41927	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI met0212low_00003 Operator: DCL
Run Time: 03/28/12 10:09:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10223	.00804	.01255	.00982	.00523	.01183	.00529
SDev	.00214	.00017	.00037	.00005	.00002	.00030	.00008
%RSD	2.0892	2.1429	2.9549	.54354	.34612	2.5304	1.5581
#1	.10072	.00816	.01229	.00985	.00525	.01204	.00535
#2	.10374	.00792	.01281	.00978	.00522	.01162	.00523

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11014	.01011	.00916	.00954	.08216	.00782	.00997
SDev	.00158	.00014	.00044	.00002	.01535	.00007	.00000
%RSD	1.4327	1.3358	4.8618	.16194	18.682	.91134	.00590
#1	.11126	.01020	.00948	.00956	.09301	.00787	.00997
#2	.10903	.01001	.00885	.00953	.07130	.00777	.00997

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00866	.10001	.00977	.01099	.00981	.60566	.01120
SDev	.00176	.00408	.00003	.00009	.00079	.02462	.00072
%RSD	20.337	4.0837	.26469	.81404	8.0888	4.0650	6.4683
#1	.00990	.10290	.00979	.01105	.01037	.62307	.01171
#2	.00741	.09712	.00975	.01092	.00925	.58825	.01069

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	.57963	.57568	.00446	.01137	.00898	.01008
SDev	.00049	.05842	.00305	.00004	.00279	.00151	.00020
%RSD	10.249	10.080	.52906	.88771	24.540	16.863	2.0306
#1	.00517	.62094	.57783	.00448	.00940	.01005	.01022
#2	.00447	.53831	.57352	.00443	.01334	.00791	.00993

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00973	.01044	.00966	.01013	.00180	.01208

SDev	.00033	.00007	.00430	.00215	.00128	.00328
%RSD	3.4142	.65353	44.474	21.197	71.001	27.155
#1	.00996	.01039	.00662	.01165	.00090	.01440
#2	.00949	.01048	.01270	.00861	.00271	.00976

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41236	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.2657877	--	--	--	--	--	--
#1	41159	--	--	--	--	--	--

#2	41314	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 03/28/12 10:12:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	499.78	-.00186	.00142	.00179	-.00014	.00139	-.00434
SDev	.08	.00283	.00065	.00004	.00001	.00044	.00004
%RSD	.01669	152.30	45.977	2.4184	3.7004	31.260	1.0142
#1	499.84	-.00386	.00096	.00182	-.00013	.00170	-.00431
#2	499.73	.00014	.00189	.00176	-.00014	.00108	-.00438

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	452.21	.00197	-.00063	.01326	194.73	.00435	.00589
SDev	1.85	.00005	.00080	.00036	.54	.00012	.00077
%RSD	.40993	2.5422	126.58	2.6927	.27687	2.7440	13.140
#1	453.52	.00200	-.00007	.01301	195.11	.00444	.00534
#2	450.89	.00193	-.00120	.01352	194.35	.00427	.00643

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00440	515.59	-.00761	.00045	.00020	.12732	.01110
SDev	.00302	1.44	.00011	.00012	.00072	.06833	.00128
%RSD	68.664	.27832	1.4312	25.716	356.28	53.667	11.572
#1	-.00653	516.61	-.00769	.00037	.00071	.17564	.01019
#2	-.00226	514.58	-.00754	.00053	-.00031	.07901	.01200

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	.02340	.19421	-.00888	-.00779	-.00352	-.00309
SDev	.00070	.21763	.00514	.00007	.00097	.00048	.00002
%RSD	181.13	929.96	2.6468	.76797	12.406	13.620	.63459
#1	.00011	.17729	.19785	-.00893	-.00711	-.00386	-.00308
#2	-.00088	-.13049	.19058	-.00883	-.00848	-.00318	-.00311

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00402	-.00142	-.02495	.02130	-.00371	-.00474
SDev	.00051	.00031	.00325	.00279	.00564	.00171
%RSD	12.587	21.761	13.027	13.074	152.12	36.035
#1	.00366	-.00164	-.02265	.01933	-.00770	-.00595
#2	.00437	-.00120	-.02725	.02327	.00028	-.00353

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37550	--	--	--	--	--	--
SDev	343.6539	--	--	--	--	--	--
%RSD	.9151902	--	--	--	--	--	--

#1	37307	--	--	--	--	--	--
#2	37793	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 03/28/12 10:16:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	515.68	1.0554	1.0482	1.0606	.50321	1.0674	.48365
SDev	.28	.0032	.0044	.0005	.00002	.0014	.00049
%RSD	.05455	.30162	.41783	.04371	.00335	.13429	.10148
#1	515.88	1.0531	1.0451	1.0603	.50319	1.0664	.48330
#2	515.48	1.0576	1.0513	1.0609	.50322	1.0684	.48400

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.92	.99610	.96536	1.0931	206.14	1.1965	1.0045
SDev	.05	.00020	.00036	.0003	.20	.0003	.0009
%RSD	.01107	.02019	.03687	.02616	.09872	.02603	.08534
#1	461.96	.99596	.96561	1.0933	206.29	1.1967	1.0051
#2	461.88	.99624	.96511	1.0929	206.00	1.1962	1.0039

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0297	530.28	.99415	1.0217	.97137	14.357	1.0278
SDev	.0001	.16	.00002	.0057	.00244	.018	.0001
%RSD	.00869	.03081	.00151	.55598	.25118	.12780	.01036
#1	1.0296	530.16	.99414	1.0177	.96964	14.370	1.0279
#2	1.0297	530.39	.99416	1.0257	.97309	14.344	1.0277

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55335	12.025	13.545	.51126	1.0154	1.0171	1.0245
SDev	.00061	.048	.007	.00010	.0051	.0017	.0004

%RSD	.11050	.39696	.04932	.01942	.50116	.17030	.04044
#1	.55378	11.991	13.550	.51119	1.0118	1.0183	1.0242
#2	.55291	12.059	13.540	.51133	1.0190	1.0159	1.0248

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0136	1.0454	.96971	1.0219	1.0309	1.0290
SDev	.0003	.0006	.00150	.0005	.0042	.0020
%RSD	.02658	.06108	.15419	.05268	.41035	.19252
#1	1.0134	1.0449	.97076	1.0223	1.0279	1.0304
#2	1.0138	1.0458	.96865	1.0215	1.0339	1.0276

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37701	--	--	--	--	--	--

SDev	29.69848	--	--	--	--	--	--
%RSD	.0787737	--	--	--	--	--	--
#1	37680	--	--	--	--	--	--
#2	37722	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 10:20:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5327	.51030	.50684	.50429	.50423	.50324	.50960
SDev	.0058	.00466	.00143	.00011	.00169	.00201	.00173
%RSD	.22919	.91401	.28260	.02213	.33598	.39867	.33988
#1	2.5368	.51360	.50785	.50437	.50543	.50466	.51083
#2	2.5286	.50700	.50582	.50421	.50303	.50183	.50838

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.593	.49939	.50081	.50333	2.5566	.46517	.50218
SDev	.035	.00123	.00197	.00031	.0008	.00002	.00098
%RSD	.27614	.24716	.39298	.06187	.03266	.00459	.19497
#1	12.618	.50026	.50220	.50355	2.5560	.46515	.50287
#2	12.568	.49851	.49942	.50311	2.5571	.46518	.50149

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50682	5.0257	.49502	.51105	.51188	12.113	.95329
SDev	.00224	.0225	.00140	.00153	.00110	.020	.00176
%RSD	.44219	.44751	.28260	.29837	.21516	.16564	.18504
#1	.50840	5.0416	.49601	.51213	.51266	12.127	.95454
#2	.50523	5.0098	.49404	.50997	.51110	12.099	.95205

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24911	12.769	12.112	.25261	.51939	.50817	.50859
SDev	.00024	.022	.006	.00013	.00335	.00462	.00132
%RSD	.09550	.16978	.04899	.05187	.64451	.90960	.25969
#1	.24928	12.754	12.107	.25270	.51702	.51144	.50952
#2	.24894	12.785	12.116	.25252	.52175	.50490	.50766

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50598	.51445	.49483	.50586	.49544	.51256
SDev	.00193	.00099	.00031	.00162	.00178	.00247
%RSD	.38228	.19206	.06278	.32104	.35988	.48195
#1	.50735	.51514	.49461	.50701	.49671	.51431
#2	.50461	.51375	.49505	.50471	.49418	.51081

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	41508	--	--	--	--	--	--
SDev	62.93250	--	--	--	--	--	--
%RSD	.1516172	--	--	--	--	--	--
#1	41552	--	--	--	--	--	--
#2	41463	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 10:24:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01365	.00129	.00198	.00005	-.00004	.00121	.00005
SDev	.00633	.00099	.00184	.00003	.00002	.00044	.00020
%RSD	46.352	77.108	92.683	67.761	37.546	36.539	368.61
#1	.01813	.00059	.00068	.00008	-.00003	.00152	.00020
#2	.00918	.00199	.00328	.00003	-.00005	.00090	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00418	.00043	.00016	-.00070	.01589	-.00008	.00058
SDev	.00385	.00005	.00069	.00058	.02797	.00004	.00016
%RSD	92.067	10.514	443.73	82.170	176.08	46.037	28.016
#1	.00690	.00047	.00065	-.00029	.03567	-.00005	.00069
#2	.00146	.00040	-.00033	-.00111	-.00389	-.00011	.00046

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00560	.00003	.00323	-.00002	-.09465	-.00497
SDev	.00058	.00329	.00002	.00079	.00026	.00018	.00023
%RSD	338.26	58.851	69.365	24.346	1501.8	.18664	4.5786

#1	.00059	-.00327	.00004	.00379	.00017	-.09452	-.00481
#2	-.00024	-.00793	.00001	.00268	-.00020	-.09477	-.00514

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.11260	-.00685	.00001	.00433	-.00004	.00021
SDev	.00098	.28829	.00028	.00003	.00241	.00096	.00012
%RSD	180.19	256.02	4.0329	179.21	55.665	2225.9	55.161
#1	.00124	.31645	-.00666	.00003	.00603	.00064	.00030
#2	-.00015	-.09125	-.00705	-.00000	.00262	-.00072	.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00055	.00037	.00068	-.00635	.00343
SDev	.00013	.00005	.00100	.00026	.00462	.00144
%RSD	50.865	9.9214	272.72	37.992	72.841	41.813
#1	.00034	.00051	.00107	.00050	-.00308	.00242
#2	.00016	.00058	-.00034	.00086	-.00962	.00445

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42346	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.0951793	--	--	--	--	--	--
#1	42318	--	--	--	--	--	--
#2	42375	--	--	--	--	--	--

Analysis Report 03/28/12 10:35:06 AM page 1

Method: 20076010 Sample Name: mb 600-75754/1-a Operator: DCL
Run Time: 03/28/12 10:31:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01903	-.00063	.00143	.00167	-.00010	.00229	-.00014
SDev	.00031	.00211	.00169	.00000	.00000	.00011	.00016
%RSD	1.6259	332.80	118.37	.13811	2.4282	4.9590	113.55
#1	.01881	-.00212	.00262	.00167	-.00010	.00237	-.00025
#2	.01925	.00086	.00023	.00166	-.00010	.00221	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01079	.00039	-.00007	.00049	.01973	.00003	.00130
SDev	.00032	.00014	.00008	.00027	.00389	.00001	.00030
%RSD	3.0144	35.233	108.68	55.032	19.721	23.271	23.199
#1	.01056	.00030	-.00013	.00030	.01698	.00004	.00109
#2	.01102	.00049	-.00002	.00069	.02248	.00003	.00151

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	.00120	.00023	.00098	.00003	-.00979	.00005
SDev	.00283	.00152	.00002	.00082	.00031	.01030	.00096
%RSD	116.56	126.67	7.5832	84.248	1114.4	105.14	2013.4
#1	.00444	.00227	.00022	.00156	.00025	-.00251	.00073
#2	.00043	.00013	.00025	.00040	-.00019	-.01707	-.00063

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.03828	.00003	.00019	.00302	-.00060	.00044
SDev	.00016	.00640	.00034	.00001	.00080	.00107	.00003
%RSD	89.449	16.721	996.31	6.2965	26.625	177.84	6.0569
#1	.00029	-.04281	.00028	.00018	.00358	-.00136	.00046
#2	.00007	-.03375	-.00021	.00020	.00245	.00016	.00042

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00241	-.00007	.00198	-.00307	.00518
SDev	.00030	.00013	.00021	.00035	.00200	.00325
%RSD	83.864	5.3232	315.06	17.497	65.276	62.753
#1	.00014	.00232	-.00022	.00174	-.00165	.00748
#2	.00057	.00250	.00008	.00223	-.00448	.00288

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41347	--	--	--	--	--	--
SDev	125.8650	--	--	--	--	--	--
%RSD	.3044115	--	--	--	--	--	--

Analysis Report 03/28/12 10:35:06 AM page 2

#1	41258	--	--	--	--	--	--
#2	41436	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-75754/2-a Operator: DCL
Run Time: 03/28/12 10:35:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.175	1.0330	1.0393	1.0408	.51705	1.0277	.52657
SDev	.019	.0027	.0014	.0024	.00092	.0018	.00107
%RSD	.18808	.25954	.13626	.23018	.17782	.17690	.20381
#1	10.161	1.0311	1.0383	1.0391	.51640	1.0264	.52581
#2	10.188	1.0349	1.0403	1.0425	.51770	1.0289	.52733

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.348	1.0304	1.0350	1.0279	10.470	.47583	1.0356
SDev	.019	.0021	.0025	.0023	.041	.00080	.0014
%RSD	.18174	.20368	.24301	.22407	.39518	.16852	.13249
#1	10.334	1.0289	1.0332	1.0263	10.441	.47527	1.0346
#2	10.361	1.0319	1.0368	1.0296	10.499	.47640	1.0366

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0292	10.339	1.0313	1.0582	1.0584	10.231	.96411
SDev	.0024	.016	.0016	.0042	.0011	.025	.00193
%RSD	.23609	.15662	.15616	.40125	.10088	.23994	.19965
#1	1.0275	10.328	1.0302	1.0551	1.0576	10.214	.96275
#2	1.0309	10.350	1.0324	1.0612	1.0591	10.249	.96547

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51760	9.8917	9.9619	.52345	1.0652	1.0301	1.0356
SDev	.00086	.0110	.0216	.00117	.0058	.0049	.0020
%RSD	.16571	.11088	.21679	.22357	.54553	.47667	.19102
#1	.51699	9.8840	9.9466	.52262	1.0611	1.0266	1.0342
#2	.51820	9.8995	9.9772	.52427	1.0694	1.0336	1.0370

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0375	1.0576	1.0213	1.0428	1.0156	1.0360
SDev	.0012	.0015	.0023	.0009	.0022	.0026
%RSD	.11144	.14215	.22601	.08670	.21195	.24792

#1	1.0367	1.0565	1.0196	1.0421	1.0140	1.0342
#2	1.0384	1.0587	1.0229	1.0434	1.0171	1.0378

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 10:38:57 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41280	--	--	--	--	--	--
SDev	94.04520	--	--	--	--	--	--
%RSD	.2278254	--	--	--	--	--	--
#1	41346	--	--	--	--	--	--
#2	41213	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-75710/1-b Operator: DCL
Run Time: 03/28/12 10:39:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02595	-.00040	.00375	.00537	-.00014	.00770	-.00007
SDev	.00041	.00190	.00150	.00001	.00003	.00176	.00009
%RSD	1.5725	473.78	40.027	.17866	18.253	22.844	122.70
#1	.02624	.00094	.00482	.00538	-.00012	.00895	-.00013
#2	.02567	-.00175	.00269	.00536	-.00016	.00646	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06589	.00081	-.00001	.00074	.02029	.00052	.00072
SDev	.00002	.00002	.00025	.00028	.01684	.00004	.00003
%RSD	.03625	2.3338	1844.5	37.873	82.976	8.0187	4.8041
#1	.06590	.00082	-.00019	.00093	.00839	.00055	.00070
#2	.06587	.00079	.00016	.00054	.03219	.00049	.00075

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	.03629	.00038	.00383	-.00063	.19395	.00803
SDev	.00391	.00338	.00006	.00182	.00038	.03240	.00187
%RSD	131.04	9.3213	15.651	47.534	60.391	16.706	23.328
#1	.00575	.03868	.00042	.00512	-.00090	.21687	.00671
#2	.00022	.03389	.00033	.00254	-.00036	.17104	.00936

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	186.42	144.80	.00029	.00603	.00117	.00048
SDev	.00061	.52	.73	.00000	.00200	.00018	.00010
%RSD	239.98	.28119	.50151	.04698	33.183	15.646	20.532
#1	-.00018	186.79	145.32	.00029	.00744	.00104	.00056
#2	.00069	186.05	144.29	.00029	.00461	.00130	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00580	.00140	.00038	-.00073	.00484

SDev	.00017	.00007	.00087	.00038	.00147	.00513
%RSD	26.129	1.1570	61.959	99.945	201.40	105.98
#1	.00053	.00584	.00079	.00065	.00031	.00846

#2	.00077	.00575	.00202	.00011	-.00177	.00121

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40105	--	--	--	--	--	--
SDev	197.9899	--	--	--	--	--	--
%RSD	.4936788	--	--	--	--	--	--
#1	39965	--	--	--	--	--	--
#2	40245	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-1-d Operator: DCL
Run Time: 03/28/12 10:42:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09680	.00094	.00431	.06928	-.00018	.00989	-.00006
SDev	.00316	.00236	.00232	.00046	.00000	.00012	.00000
%RSD	3.2675	251.93	53.797	.65979	1.3724	1.2159	3.8228
#1	.09903	.00261	.00267	.06961	-.00018	.00980	-.00006
#2	.09456	-.00073	.00595	.06896	-.00017	.00997	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.629	.00048	.00008	.00053	.06233	.00096	.00076
SDev	.486	.00000	.00000	.00019	.00129	.00002	.00087
%RSD	.58084	.03371	.29053	36.135	2.0699	1.8101	113.68
#1	83.972	.00048	.00008	.00066	.06324	.00095	.00138
#2	83.285	.00048	.00008	.00039	.06142	.00097	.00015

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	1.3801	.14594	.00230	.00034	.34164	.24540
SDev	.00039	.0096	.00085	.00004	.00012	.00444	.01379
%RSD	29.735	.69511	.58389	1.8257	34.215	1.2986	5.6182
#1	.00160	1.3869	.14655	.00233	.00026	.33850	.25515
#2	.00104	1.3733	.14534	.00228	.00042	.34478	.23565

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	176.64	139.50	.21124	.00152	-.00039	.00171
SDev	.00024	.32	.39	.00119	.00065	.00142	.00033
%RSD	205.74	.18207	.27635	.56309	42.931	369.38	19.449
#1	.00005	176.87	139.78	.21209	.00198	.00062	.00195
#2	-.00029	176.41	139.23	.21040	.00106	-.00139	.00148

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	.00357	-.00019	.00124	-.00324	.00360

Analysis Report 03/28/12 10:46:39 AM page 5

SDev	.00013	.00004	.00216	.00023	.00222	.00052
%RSD	16.451	1.1345	1124.0	18.227	68.611	14.510
#1	.00069	.00360	.00133	.00140	-.00167	.00323
#2	.00087	.00355	-.00172	.00108	-.00481	.00396

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39491	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0644599	--	--	--	--	--	--
#1	39509	--	--	--	--	--	--
#2	39473	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-2-d Operator: DCL
Run Time: 03/28/12 10:46:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67298	.00063	.00346	.10499	-.00002	.01456	-.00012
SDev	.00702	.00160	.00065	.00067	.00000	.00010	.00000
%RSD	1.0438	254.25	18.856	.63770	6.6185	.69354	3.4785
#1	.67794	-.00050	.00392	.10451	-.00002	.01449	-.00011
#2	.66801	.00176	.00300	.10546	-.00002	.01463	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.210	.00077	-.00018	.00071	.24806	.00085	.00210
SDev	.059	.00000	.00022	.00002	.00667	.00002	.00031
%RSD	.53029	.33700	120.44	3.0486	2.6885	2.2590	14.855
#1	11.168	.00077	-.00003	.00073	.24335	.00084	.00188
#2	11.252	.00077	-.00034	.00070	.25278	.00086	.00232

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	1.9044	.01226	.00102	.00029	.33048	1.2001
SDev	.00030	.0091	.00028	.00013	.00048	.01316	.0333
%RSD	46.367	.47969	2.3287	12.623	163.81	3.9815	2.7789
#1	.00087	1.8979	.01205	.00092	.00063	.32117	1.2236
#2	.00044	1.9108	.01246	.00111	-.00005	.33978	1.1765

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	143.06	115.20	.03848	.00164	.00018	.01878
SDev	.00010	.32	.37	.00026	.00025	.00051	.00143
%RSD	40.291	.22402	.31715	.68668	15.356	288.47	7.6144
#1	-.00017	142.83	114.94	.03829	.00182	.00053	.01979
#2	-.00031	143.29	115.46	.03866	.00147	-.00018	.01777

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.01152	.00203	.00214	-.00215	.00206
SDev	.00007	.00083	.00143	.00024	.00177	.00043
%RSD	7.4971	7.2150	70.204	11.431	82.000	20.671
#1	.00084	.01093	.00102	.00231	-.00090	.00176
#2	.00093	.01210	.00304	.00196	-.00340	.00236

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40410	--	--	--	--	--	--
SDev	194.4544	--	--	--	--	--	--
%RSD	.4811976	--	--	--	--	--	--
#1	40548	--	--	--	--	--	--
#2	40273	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-3-d Operator: DCL
Run Time: 03/28/12 10:50:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66199	.00081	.00270	.10491	-.00007	.01240	-.00020
SDev	.00673	.00177	.00241	.00144	.00001	.00021	.00011
%RSD	1.0160	219.67	89.317	1.3705	21.069	1.6826	54.391
#1	.65724	-.00045	.00441	.10389	-.00006	.01225	-.00012
#2	.66675	.00206	.00099	.10592	-.00008	.01254	-.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.709	.00077	.00001	-.00018	.26203	.00093	.00114
SDev	.170	.00006	.00011	.00028	.00202	.00008	.00002
%RSD	1.1545	7.5731	1595.8	156.29	.77163	8.1948	1.7774
#1	14.589	.00081	.00009	-.00037	.26060	.00088	.00116
#2	14.829	.00073	-.00007	.00002	.26346	.00099	.00113

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	1.8654	.01619	.00149	.00088	.37528	1.2393
SDev	.00012	.0287	.00018	.00071	.00035	.03995	.0035
%RSD	8.1901	1.5373	1.1068	47.689	39.644	10.645	.28030
#1	.00137	1.8451	.01607	.00200	.00063	.34703	1.2418
#2	.00153	1.8856	.01632	.00099	.00113	.40353	1.2369

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	165.73	130.93	.04765	.00136	.00235	.01843
SDev	.00017	1.99	1.38	.00060	.00210	.00074	.00051

%RSD	181.88	1.2005	1.0537	1.2484	154.09	31.410	2.7802
#1	.00003	164.32	129.95	.04723	.00285	.00288	.01879
#2	-.00021	167.14	131.90	.04807	-.00012	.00183	.01807

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	.00972	.00063	.00140	-.00301	.00368
SDev	.00019	.00019	.00135	.00065	.00735	.00385
%RSD	16.355	1.9645	214.88	46.095	243.82	104.64
#1	.00103	.00958	.00159	.00094	.00218	.00096
#2	.00130	.00985	-.00033	.00186	-.00821	.00641

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40216	--	--	--	--	--	--
SDev	398.8082	--	--	--	--	--	--
%RSD	.9916655	--	--	--	--	--	--
#1	40498	--	--	--	--	--	--
#2	39934	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-4-d Operator: DCL
Run Time: 03/28/12 10:54:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05661	.00073	.00364	.07655	-.00025	.01098	-.00010
SDev	.00001	.00271	.00259	.00045	.00001	.00049	.00019
%RSD	.02547	371.49	71.197	.58510	4.3299	4.4902	187.03
#1	.05662	-.00119	.00181	.07687	-.00024	.01133	.00003
#2	.05660	.00265	.00547	.07624	-.00025	.01063	-.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.415	.00020	.00206	-.00039	.02679	.00095	.00046
SDev	.385	.00008	.00025	.00013	.00616	.00003	.00034
%RSD	.43062	41.649	11.976	33.150	22.990	3.3203	72.767
#1	89.687	.00014	.00223	-.00030	.02244	.00092	.00022
#2	89.143	.00025	.00188	-.00048	.03115	.00097	.00070

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.84110	.19563	.00129	.00393	.39407	.30624
SDev	.00285	.00385	.00104	.00002	.00061	.01881	.00028
%RSD	353.92	.45812	.52948	1.7867	15.422	4.7732	.09063
#1	.00282	.84383	.19637	.00127	.00350	.38077	.30644
#2	-.00121	.83838	.19490	.00130	.00436	.40737	.30605

Analysis Report 03/28/12 10:58:14 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	177.83	140.81	.15210	.00090	.00121	.00046
SDev	.00005	1.36	1.01	.00073	.00230	.00227	.00007
%RSD	96.135	.76200	.71777	.48331	255.75	187.15	14.595
#1	-.00002	178.79	141.53	.15262	.00252	.00282	.00051
#2	-.00009	176.87	140.10	.15158	-.00073	-.00039	.00041

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.01452	-.00064	.00101	-.00307	.00275
SDev	.00019	.00001	.00188	.00044	.00199	.00329
%RSD	26.787	.09043	295.71	43.298	64.704	119.66
#1	.00059	.01453	-.00196	.00132	-.00167	.00507
#2	.00086	.01451	.00069	.00070	-.00448	.00042

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39263	--	--	--	--	--	--
SDev	80.61018	--	--	--	--	--	--
%RSD	.2053082	--	--	--	--	--	--
#1	39320	--	--	--	--	--	--
#2	39206	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-5-d Operator: DCL
Run Time: 03/28/12 10:58:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04339	-.00091	.00415	.03697	-.00025	.01060	-.00008
SDev	.00283	.00190	.00121	.00014	.00001	.00052	.00003
%RSD	6.5321	208.66	29.095	.37343	4.4275	4.9347	39.862
#1	.04139	-.00225	.00330	.03707	-.00026	.01023	-.00010
#2	.04539	.00043	.00501	.03687	-.00025	.01097	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.398	.00028	-.00008	-.00062	.01540	.00108	.00060
SDev	.163	.00013	.00006	.00016	.00255	.00010	.00041
%RSD	.18836	46.947	74.796	25.881	16.585	9.0210	69.214
#1	86.513	.00037	-.00004	-.00050	.01720	.00101	.00030
#2	86.283	.00018	-.00012	-.00073	.01359	.00115	.00089

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	.81391	.11282	.00122	.00077	.28871	.17036
SDev	.00159	.00582	.00037	.00033	.00064	.04589	.00332
%RSD	62.811	.71495	.33115	26.747	82.441	15.893	1.9491

Analysis Report 03/28/12 11:02:05 AM page 9

#1	.00141	.80980	.11309	.00099	.00122	.25626	.17271

#2	.00366	.81803	.11256	.00145	.00032	.32116	.16801

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	173.60	137.43	.19184	.00123	.00019	.00003
SDev	.00017	.59	.26	.00053	.00222	.00117	.00006
%RSD	163.64	.34107	.18920	.27641	179.79	611.15	208.19
#1	.00022	174.02	137.61	.19221	.00280	-.00063	-.00001
#2	-.00002	173.18	137.24	.19146	-.00033	.00102	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00613	.00074	.00053	-.00390	.00576
SDev	.00006	.00017	.00009	.00066	.00102	.00188
%RSD	9.3200	2.7447	11.702	125.75	26.170	32.645
#1	.00067	.00601	.00080	.00006	-.00463	.00443
#2	.00059	.00625	.00067	.00099	-.00318	.00709

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39510	--	--	--	--	--	--
SDev	254.5584	--	--	--	--	--	--
%RSD	.6442887	--	--	--	--	--	--
#1	39690	--	--	--	--	--	--
#2	39330	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52295-a-6-f Operator: DCL
Run Time: 03/28/12 11:02:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03070	.00128	.00406	.13096	-.00022	.01149	-.00003
SDev	.00047	.00027	.00070	.00088	.00000	.00038	.00008
%RSD	1.5403	20.822	17.159	.67271	.98784	3.3386	309.45
#1	.03103	.00109	.00455	.13158	-.00022	.01122	.00003
#2	.03036	.00147	.00357	.13034	-.00022	.01176	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	53.971	.00028	-.00025	-.00034	.01970	.00090	.00075
SDev	.367	.00026	.00053	.00026	.01598	.00002	.00011
%RSD	.67912	94.000	206.45	77.866	81.098	2.1909	15.172
#1	54.230	.00009	.00012	-.00052	.03100	.00089	.00067
#2	53.712	.00046	-.00063	-.00015	.00840	.00091	.00083

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 03/28/12 11:05:56 AM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	5.8037	.01130	.00066	.00048	.38203	.12283
SDev	.00065	.0404	.00001	.00104	.00079	.00760	.00195
%RSD	429.53	.69545	.12382	157.83	165.52	1.9904	1.5908

#1	-.00031	5.8323	.01131	.00139	.00104	.37665	.12421
#2	.00062	5.7752	.01129	-.00008	-.00008	.38740	.12145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	165.55	131.73	.05891	.00037	.00069	-.00002
SDev	.00027	1.05	.56	.00033	.00261	.00064	.00002
%RSD	49.102	.63547	.42743	.56521	713.15	93.497	85.233

#1	-.00035	166.30	132.13	.05914	.00221	.00023	-.00003
#2	-.00073	164.81	131.33	.05867	-.00148	.00114	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00605	.00064	.00081	-.00222	.00134
SDev	.00025	.00002	.00259	.00112	.00046	.00121
%RSD	112.51	.28194	401.87	138.73	20.592	90.358

#1	.00004	.00604	-.00119	.00160	-.00190	.00048
#2	.00039	.00607	.00247	.00002	-.00255	.00220

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39462	--	--	--	--	--	--
SDev	82.73149	--	--	--	--	--	--
%RSD	.2096458	--	--	--	--	--	--

#1	39521	--	--	--	--	--	--
#2	39404	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52117-b-1-b Operator: DCL
Run Time: 03/28/12 11:05:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03029	.00215	.00171	.04152	-.00027	.14340	-.00016
SDev	.00183	.00072	.00028	.00001	.00002	.00034	.00009
%RSD	6.0392	33.345	16.306	.01252	7.8087	.23693	59.028

#1	.02900	.00164	.00151	.04152	-.00026	.14316	-.00009
#2	.03158	.00266	.00191	.04152	-.00029	.14364	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.884	.00047	.00132	.00831	.01146	.00467	.00082
SDev	.009	.00008	.00016	.00011	.00598	.00000	.00022
%RSD	.03203	17.360	12.233	1.2680	52.173	.06109	26.783

Analysis Report 03/28/12 11:09:47 AM page 11

#1	28.890	.00041	.00144	.00824	.00723	.00467	.00067
#2	28.877	.00053	.00121	.00839	.01569	.00466	.00098

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00051	2.1734	.52750	.00139	.00148	.58112	.62208
SDev	.00167	.0043	.00013	.00035	.00015	.01183	.00099
%RSD	326.71	.20015	.02423	24.967	10.176	2.0361	.15882
#1	.00169	2.1703	.52759	.00114	.00159	.57275	.62278
#2	-.00067	2.1765	.52741	.00163	.00137	.58948	.62138

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	66.402	57.572	.21843	.00066	.00146	.00008
SDev	.00026	.047	.103	.00003	.00309	.00044	.00010
%RSD	131.12	.07035	.17875	.01163	471.14	30.022	123.30
#1	-.00038	66.435	57.644	.21845	-.00153	.00115	.00001
#2	-.00001	66.369	57.499	.21841	.00284	.00176	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.03055	-.00003	.00125	-.00401	.00277
SDev	.00013	.00015	.00107	.00021	.00189	.00156
%RSD	41.388	.49975	3349.6	16.495	47.068	56.315
#1	.00022	.03044	-.00079	.00139	-.00268	.00388
#2	.00041	.03066	.00073	.00110	-.00535	.00167

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39626	--	--	--	--	--	--
SDev	137.8858	--	--	--	--	--	--
%RSD	.3479637	--	--	--	--	--	--
#1	39724	--	--	--	--	--	--
#2	39529	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 11:09:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4749	.50924	.51022	.50910	.50040	.50525	.52358
SDev	.0014	.00212	.00469	.00165	.00243	.00119	.00216
%RSD	.05486	.41573	.91938	.32390	.48560	.23543	.41348
#1	2.4758	.51074	.51354	.51026	.50212	.50609	.52511
#2	2.4739	.50775	.50691	.50793	.49869	.50441	.52205

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.725	.49907	.50107	.49459	2.6091	.46820	.50877
SDev	.050	.00176	.00224	.00078	.0300	.00090	.00397
%RSD	.39510	.35247	.44653	.15772	1.1507	.19188	.78055
#1	12.761	.50031	.50265	.49514	2.6303	.46884	.51158
#2	12.690	.49782	.49949	.49404	2.5878	.46757	.50596

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51095	5.0418	.49710	.51344	.51568	12.505	.94462
SDev	.00695	.0224	.00205	.00283	.00256	.065	.00091
%RSD	1.3595	.44436	.41317	.55144	.49708	.52285	.09630
#1	.51587	5.0576	.49855	.51544	.51749	12.552	.94526
#2	.50604	5.0259	.49565	.51144	.51386	12.459	.94397

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24999	12.675	12.027	.25680	.53013	.50986	.51113
SDev	.00116	.129	.001	.00084	.00153	.00531	.00207
%RSD	.46380	1.0168	.00817	.32871	.28887	1.0412	.40471
#1	.25081	12.766	12.027	.25740	.53122	.51361	.51259
#2	.24917	12.584	12.026	.25620	.52905	.50610	.50967

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50512	.52388	.49434	.51599	.49449	.51925
SDev	.00195	.00205	.00491	.00350	.00484	.00800
%RSD	.38647	.39154	.99409	.67826	.97806	1.5410
#1	.50650	.52533	.49782	.51846	.49791	.52490
#2	.50374	.52243	.49087	.51351	.49107	.51359

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39819	--	--	--	--	--	--
SDev	158.3919	--	--	--	--	--	--
%RSD	.3977798	--	--	--	--	--	--
#1	39707	--	--	--	--	--	--
#2	39931	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 11:13:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03446	.00067	.00429	.00020	-.00027	.00017	-.00015
SDev	.00402	.00380	.00101	.00017	.00002	.00015	.00015

%RSD	11.676	568.88	23.590	86.064	6.2180	89.316	95.042
#1	.03162	-.00202	.00357	.00008	-.00028	.00006	-.00026
#2	.03731	.00336	.00501	.00032	-.00025	.00028	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	.00089	-.00034	-.00049	-.00626	.00024	.00029
SDev	.00048	.00031	.00040	.00070	.01325	.00002	.00077
%RSD	21.117	35.001	116.76	141.62	211.77	9.5239	265.57

#1	-.00263	.00067	-.00062	-.00099	-.01563	.00026	-.00026
#2	-.00195	.00111	-.00006	.00000	.00311	.00023	.00084
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.01034	.00013	.00307	-.00073	.05814	-.00164
SDev	.00105	.00102	.00009	.00066	.00062	.00383	.00308
%RSD	680.45	9.8394	70.903	21.663	85.589	6.5838	187.93
#1	-.00090	.01106	.00007	.00354	-.00117	.06085	-.00382
#2	.00059	.00962	.00020	.00260	-.00029	.05544	.00054
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	-.14613	.01866	.00007	.00295	-.00047	.00047
SDev	.00069	.09921	.00196	.00006	.00042	.00233	.00027
%RSD	1023.5	67.895	10.526	79.724	14.164	498.23	56.783
#1	-.00056	-.21628	.02005	.00003	.00325	-.00211	.00028
#2	.00042	-.07597	.01727	.00011	.00266	.00118	.00066
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00116	.00083	-.00050	.00069	-.00538	.00246	
SDev	.00067	.00016	.00267	.00017	.00460	.00073	
%RSD	57.901	19.181	534.40	25.490	85.581	29.583	
#1	.00069	.00072	-.00238	.00081	-.00863	.00297	
#2	.00164	.00094	.00139	.00056	-.00212	.00194	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41004	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0189691	--	--	--	--	--	--
#1	41010	--	--	--	--	--	--
#2	40999	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52117-b-1-c ms Operator: DCL
Run Time: 03/28/12 11:17:32
Comment: TRACE 61E

Analysis Report 03/28/12 11:21:20 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.352	1.0668	1.0621	1.0975	.51390	1.1910	.52886
SDev	.065	.0080	.0044	.0049	.00195	.0059	.00248
%RSD	.63161	.75309	.41211	.44999	.37925	.49554	.46986
#1	10.398	1.0725	1.0652	1.1010	.51527	1.1952	.53061
#2	10.306	1.0612	1.0590	1.0940	.51252	1.1868	.52710

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	38.578	1.0214	1.0335	1.0344	10.567	.52090	1.0334
SDev	.164	.0035	.0045	.0058	.044	.00261	.0032
%RSD	.42611	.34586	.43770	.56391	.41989	.50067	.31386
#1	38.694	1.0239	1.0367	1.0385	10.599	.52275	1.0357
#2	38.461	1.0189	1.0303	1.0302	10.536	.51906	1.0311

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0319	12.405	1.5477	1.0754	1.0526	11.960	1.6311
SDev	.0034	.054	.0066	.0015	.0074	.051	.0092
%RSD	.33198	.43723	.42488	.13496	.70176	.43003	.56480
#1	1.0295	12.444	1.5524	1.0764	1.0578	11.996	1.6376
#2	1.0343	12.367	1.5431	1.0743	1.0474	11.924	1.6246

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48300	79.577	69.343	.75136	1.0939	1.0431	1.0467
SDev	.00269	.463	.425	.00387	.0024	.0054	.0052
%RSD	.55795	.58170	.61340	.51547	.21885	.51679	.49779
#1	.48491	79.905	69.644	.75409	1.0922	1.0469	1.0504
#2	.48110	79.250	69.043	.74862	1.0956	1.0393	1.0431

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0389	1.1073	1.0049	1.0476	1.0089	1.0434
SDev	.0045	.0051	.0019	.0039	.0004	.0050
%RSD	.43380	.46451	.19007	.37324	.03533	.47539
#1	1.0421	1.1110	1.0062	1.0504	1.0086	1.0399
#2	1.0357	1.1037	1.0035	1.0448	1.0091	1.0469

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40605	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.0835885	--	--	--	--	--	--
#1	40629	--	--	--	--	--	--
#2	40581	--	--	--	--	--	--

Analysis Report 03/28/12 11:21:20 AM page 15

Method: 20076010 Sample Name: 600-52258-d-1-b Operator: DCL
Run Time: 03/28/12 11:21:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03961	-.00076	.00398	.17167	-.00029	.33061	-.00019
SDev	.00380	.00094	.00012	.00386	.00000	.00996	.00009
%RSD	9.6066	124.16	2.8822	2.2491	1.4116	3.0123	49.679
#1	.04230	-.00009	.00390	.17440	-.00029	.33765	-.00025
#2	.03692	-.00142	.00407	.16894	-.00029	.32357	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.188	.00235	.00125	.00146	.15212	.00423	.00067
SDev	.484	.00033	.00015	.00008	.01006	.00027	.00027
%RSD	2.3991	13.907	12.043	5.2112	6.6118	6.4444	39.505
#1	20.531	.00258	.00136	.00141	.15924	.00442	.00049
#2	19.846	.00212	.00114	.00152	.14501	.00404	.00086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00299	7.0378	.20249	.00417	.00585	12.460	1.5209
SDev	.00364	.1912	.00494	.00167	.00009	.346	.0369
%RSD	122.06	2.7169	2.4409	40.117	1.4814	2.7740	2.4255
#1	.00556	7.1730	.20599	.00536	.00591	12.704	1.5469
#2	.00041	6.9026	.19900	.00299	.00579	12.215	1.4948

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	127.40	104.70	.16245	.00689	.00015	.00065
SDev	.00006	2.66	2.15	.00365	.00766	.00046	.00011
%RSD	20.267	2.0869	2.0526	2.2453	111.15	309.43	16.887
#1	-.00025	129.28	106.22	.16503	.01231	-.00018	.00073
#2	-.00033	125.52	103.18	.15987	.00148	.00047	.00057

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.02320	.00012	.00095	-.00526	.00711
SDev	.00021	.00043	.00119	.00020	.00032	.00562
%RSD	23.363	1.8585	977.17	20.595	5.9937	79.120
#1	.00107	.02350	-.00072	.00109	-.00548	.01108
#2	.00077	.02290	.00096	.00081	-.00504	.00313

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40285	--	--	--	--	--	--

SDev	765.0895	--	--	--	--	--	--
%RSD	1.899192	--	--	--	--	--	--
#1	39744	--	--	--	--	--	--
#2	40826	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52432-c-1-e Operator: DCL
Run Time: 03/28/12 11:25:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04053	-.00050	.00355	.01056	-.00034	.01105	-.00012
SDev	.00023	.00066	.00098	.00001	.00002	.00090	.00006
%RSD	.57869	131.10	27.542	.07053	4.4351	8.1729	49.282

#1	.04036	-.00097	.00424	.01056	-.00033	.01169	-.00016
#2	.04069	-.00004	.00286	.01055	-.00036	.01041	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53625	.00051	-.00038	-.00089	.00608	.00060	.00086
SDev	.00042	.00037	.00011	.00061	.00768	.00000	.00008
%RSD	.07832	71.830	28.433	68.434	126.47	.66898	8.9854
#1	.53595	.00078	-.00030	-.00046	.00064	.00061	.00081
#2	.53654	.00025	-.00046	-.00132	.01151	.00060	.00092

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.15786	.00136	.00162	-.00052	.25231	.01802
SDev	.00118	.00334	.00004	.00085	.00031	.00903	.00337
%RSD	347.10	2.1163	2.8995	52.614	60.988	3.5790	18.687
#1	.00117	.16022	.00139	.00223	-.00074	.25870	.02040
#2	-.00049	.15550	.00133	.00102	-.00029	.24593	.01564

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	185.23	144.76	.00138	.00359	-.00061	.00023
SDev	.00012	.79	.40	.00001	.00139	.00032	.00005
%RSD	73.521	.42434	.27364	1.0505	38.855	53.114	20.055
#1	-.00025	185.78	145.04	.00139	.00260	-.00084	.00027
#2	-.00008	184.67	144.48	.00137	.00457	-.00038	.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.01577	-.00064	.00161	-.00521	.00311
SDev	.00014	.00015	.00182	.00079	.00111	.00232
%RSD	58.837	.93946	286.23	49.298	21.232	74.646
#1	.00032	.01567	-.00192	.00217	-.00599	.00476
#2	.00013	.01588	.00065	.00105	-.00442	.00147

Analysis Report 03/28/12 11:29:02 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39944	--	--	--	--	--	--
SDev	38.89087	--	--	--	--	--	--
%RSD	.0973647	--	--	--	--	--	--
#1	39916	--	--	--	--	--	--
#2	39971	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52432-c-1-f ms Operator: DCL
Run Time: 03/28/12 11:29:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	10.494	1.0848	1.0792	1.0820	.52056	1.0877	.54717
SDev	.042	.0013	.0041	.0034	.00127	.0021	.00054
%RSD	.39891	.11792	.37866	.31485	.24483	.19038	.09937
#1	10.523	1.0839	1.0821	1.0844	.52146	1.0892	.54756
#2	10.464	1.0857	1.0763	1.0796	.51966	1.0862	.54679

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.121	1.0400	1.0486	1.0383	10.725	.54381	1.0651
SDev	.029	.0025	.0032	.0037	.033	.00187	.0031
%RSD	.25726	.24049	.30299	.35912	.30333	.34420	.28912
#1	11.141	1.0417	1.0509	1.0410	10.748	.54514	1.0673
#2	11.101	1.0382	1.0464	1.0357	10.702	.54249	1.0630

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0711	10.604	1.0443	1.0992	1.0837	13.242	1.0127
SDev	.0036	.017	.0029	.0026	.0020	.050	.0033
%RSD	.33663	.15613	.27716	.24082	.18000	.37771	.32690
#1	1.0686	10.615	1.0463	1.0973	1.0851	13.278	1.0151
#2	1.0737	10.592	1.0422	1.1011	1.0823	13.207	1.0104

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53289	202.25	157.65	.54183	1.1298	1.0624	1.0630
SDev	.00209	1.07	.70	.00167	.0045	.0018	.0029
%RSD	.39258	.53090	.44254	.30838	.40062	.16571	.27477
#1	.53437	203.01	158.14	.54302	1.1266	1.0636	1.0651
#2	.53141	201.49	157.15	.54065	1.1330	1.0611	1.0609

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0521	1.1156	1.0346	1.0804	1.0443	1.0846
SDev	.0033	.0023	.0040	.0026	.0078	.0015
%RSD	.31510	.20813	.38506	.24319	.74775	.13870

Analysis Report 03/28/12 11:32:53 AM page 18

#1	1.0544	1.1173	1.0375	1.0822	1.0387	1.0835
#2	1.0497	1.1140	1.0318	1.0785	1.0498	1.0856

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39400	--	--	--	--	--	--
SDev	99.70206	--	--	--	--	--	--
%RSD	.2530541	--	--	--	--	--	--
#1	39329	--	--	--	--	--	--
#2	39470	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52207-g-1-d Operator: DCL
Run Time: 03/28/12 11:32:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05721	.00241	.00285	.17066	-.00035	.01119	.00003
SDev	.00096	.00300	.00096	.00061	.00001	.00037	.00002
%RSD	1.6824	124.60	33.729	.35608	1.8169	3.2691	80.210
#1	.05789	.00029	.00352	.17109	-.00035	.01093	.00004
#2	.05653	.00454	.00217	.17023	-.00035	.01145	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.252	.00040	.00176	-.00069	.02591	.00128	.00096
SDev	.429	.00005	.00006	.00008	.00051	.00000	.00076
%RSD	.50379	12.121	3.1977	11.612	1.9557	.33218	79.806
#1	85.556	.00037	.00180	-.00075	.02555	.00127	.00150
#2	84.948	.00044	.00172	-.00064	.02627	.00128	.00042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00408	2.7724	.27746	.00671	.00058	.50277	.35675
SDev	.00158	.0173	.00115	.00196	.00043	.00354	.00144
%RSD	38.793	.62283	.41545	29.195	74.119	.70347	.40228
#1	.00520	2.7846	.27828	.00810	.00088	.50527	.35776
#2	.00296	2.7602	.27665	.00533	.00028	.50027	.35574

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	188.61	148.49	.13850	.00538	.00004	.00014
SDev	.00000	.81	.57	.00054	.00348	.00124	.00006
%RSD	.21481	.43193	.38091	.39161	64.619	3398.1	46.627
#1	-.00015	189.19	148.89	.13888	.00784	.00091	.00009
#2	-.00015	188.04	148.09	.13811	.00292	-.00084	.00018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 03/28/12 11:36:44 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	.00688	.00034	.00126	.00002	.00612
SDev	.00015	.00006	.00005	.00112	.00363	.00056
%RSD	20.219	.91723	14.151	88.731	18021.	9.1707
#1	.00084	.00683	.00038	.00206	.00259	.00651
#2	.00063	.00692	.00031	.00047	-.00255	.00572

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39202	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.0649351	--	--	--	--	--	--
#1	39184	--	--	--	--	--	--
#2	39220	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52208-g-1-d Operator: DCL
Run Time: 03/28/12 11:36:47
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04136	.00071	.00389	.05564	-.00039	.01995	-.00016
SDev	.00154	.00202	.00039	.00017	.00000	.00044	.00007
%RSD	3.7225	286.40	10.007	.30191	.67350	2.2101	41.623
#1	.04245	.00213	.00416	.05576	-.00038	.02026	-.00011
#2	.04028	-.00072	.00361	.05553	-.00039	.01963	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.446	.00096	-.00000	-.00037	.00653	.00160	.00153
SDev	.241	.00044	.00016	.00033	.00132	.00006	.00022
%RSD	.25539	46.306	5196.7	88.041	20.230	3.5959	14.199
#1	94.617	.00127	.00011	-.00014	.00746	.00165	.00138
#2	94.275	.00065	-.00012	-.00061	.00559	.00156	.00168

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00472	.85073	.08513	.00146	.00040	.69319	2.1068
SDev	.00087	.00414	.00027	.00031	.00018	.01990	.0034
%RSD	18.352	.48636	.32112	21.096	44.960	2.8707	.16292
#1	.00534	.85366	.08533	.00168	.00028	.70726	2.1092
#2	.00411	.84781	.08494	.00124	.00053	.67912	2.1043

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	189.70	149.69	.13930	.00110	.00048	-.00019
SDev	.00017	.10	.41	.00036	.00363	.00064	.00015
%RSD	34.669	.05147	.27077	.25694	330.99	131.39	78.216

#1	-.00036	189.77	149.98	.13956	-.00147	.00093	-.00009
#2	-.00060	189.63	149.41	.13905	.00366	.00003	-.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00173	.01100	-.00005	.00232	-.00095	.00756
SDev	.00046	.00012	.00130	.00098	.00241	.00251
%RSD	26.566	1.1149	2878.1	42.151	254.77	33.171
#1	.00206	.01091	.00087	.00163	-.00266	.00933
#2	.00141	.01109	-.00097	.00301	.00076	.00579

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39183	--	--	--	--	--	--
SDev	152.7351	--	--	--	--	--	--
%RSD	.3897993	--	--	--	--	--	--
#1	39075	--	--	--	--	--	--
#2	39291	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52208-g-1-e ms Operator: DCL

Run Time: 03/28/12 11:40:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.513	1.0896	1.0868	1.1196	.51616	1.0996	.53576
SDev	.001	.0055	.0080	.0017	.00099	.0021	.00090
%RSD	.01411	.50908	.74013	.15206	.19095	.19485	.16812
#1	10.514	1.0857	1.0811	1.1183	.51546	1.0981	.53513
#2	10.511	1.0935	1.0925	1.1208	.51686	1.1011	.53640

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.80	1.0271	1.0295	1.0340	10.604	.55137	1.0519
SDev	.17	.0025	.0016	.0003	.009	.00017	.0050
%RSD	.16394	.24002	.15312	.03042	.08068	.03113	.47671
#1	104.68	1.0254	1.0284	1.0342	10.598	.55125	1.0483
#2	104.92	1.0289	1.0306	1.0338	10.610	.55149	1.0554

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0621	11.136	1.1181	1.1025	1.0698	13.949	3.2395
SDev	.0014	.016	.0019	.0069	.0006	.027	.0020
%RSD	.13161	.14590	.16588	.62135	.05179	.19349	.06324
#1	1.0611	11.124	1.1168	1.0976	1.0695	13.930	3.2380
#2	1.0631	11.147	1.1194	1.1073	1.0702	13.968	3.2409

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 03/28/12 11:44:26 AM page 21

Avge	.53259	206.05	161.93	.67870	1.1241	1.0610	1.0597
SDev	.00004	.41	.15	.00126	.0069	.0034	.0016
%RSD	.00675	.20021	.08992	.18570	.61697	.31836	.15241
#1	.53256	206.34	162.04	.67781	1.1192	1.0587	1.0585
#2	.53261	205.76	161.83	.67959	1.1290	1.0634	1.0608

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0496	1.1068	1.0175	1.0691	1.0360	1.0752
SDev	.0021	.0020	.0027	.0062	.0012	.0027
%RSD	.19619	.18019	.26867	.57570	.11414	.25003
#1	1.0481	1.1054	1.0155	1.0647	1.0369	1.0733
#2	1.0510	1.1082	1.0194	1.0734	1.0352	1.0771

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38986	--	--	--	--	--	--
SDev	169.7056	--	--	--	--	--	--
%RSD	.4352989	--	--	--	--	--	--
#1	39106	--	--	--	--	--	--
#2	38866	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52208-g-1-f msd Operator: DCL
Run Time: 03/28/12 11:44:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.213	1.0647	1.0570	1.0943	.50383	1.0724	.52422
SDev	.064	.0135	.0070	.0082	.00401	.0057	.00418
%RSD	.62641	1.2696	.65804	.75032	.79673	.53374	.79736
#1	10.258	1.0743	1.0620	1.1001	.50666	1.0764	.52718
#2	10.168	1.0551	1.0521	1.0885	.50099	1.0683	.52127

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.00	1.0008	1.0045	1.0061	10.363	.53680	1.0251
SDev	.80	.0073	.0081	.0065	.105	.00361	.0072
%RSD	.78611	.72874	.80938	.64491	1.0167	.67211	.69762
#1	102.56	1.0059	1.0103	1.0107	10.438	.53935	1.0302
#2	101.43	.99563	.99878	1.0015	10.289	.53425	1.0200

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0421	10.853	1.0896	1.0742	1.0412	13.521	3.1513
SDev	.0072	.081	.0084	.0074	.0088	.111	.0222
%RSD	.69023	.74236	.77523	.68609	.84489	.82190	.70467
#1	1.0472	10.910	1.0956	1.0794	1.0474	13.600	3.1670

#2	1.0370	10.796	1.0836	1.0690	1.0349	13.443	3.1356

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51982	199.94	157.39	.66148	1.1041	1.0316	1.0304
SDev	.00411	.93	.93	.00474	.0013	.0123	.0082
%RSD	.79115	.46556	.59035	.71592	.11943	1.1888	.79724
#1	.52273	200.59	158.04	.66483	1.1032	1.0402	1.0362
#2	.51691	199.28	156.73	.65813	1.1051	1.0229	1.0246

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0231	1.0820	.99105	1.0421	1.0128	1.0568
SDev	.0079	.0069	.00447	.0085	.0133	.0041
%RSD	.77065	.63491	.45119	.81480	1.3179	.38944
#1	1.0287	1.0868	.99421	1.0481	1.0223	1.0597
#2	1.0175	1.0771	.98789	1.0361	1.0034	1.0539

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39774	--	--	--	--	--	--
SDev	174.6554	--	--	--	--	--	--
%RSD	.4391250	--	--	--	--	--	--

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 #1      39650     --        --        --        --        --        --
 #2      39897     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-52209-g-1-d        Operator: DCL
Run Time: 03/28/12 11:48:21
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .05654    -.00025   .00553    .12631    -.00039   .01423    .00002
 SDev    .00213     .00176   .00045    .00021     .00001   .00067    .00006
 %RSD    3.7699    696.95    8.0850    .16817    3.5808    4.6842    266.65

 #1      .05804    -.00149   .00584    .12646    -.00038   .01470    -.00002
 #2      .05503    .00099    .00521    .12616    -.00040   .01376    .00007

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    84.693    .00046    .00015    .00017    .01378    .00126    .00139
 SDev      .142    .00013    .00022    .00024    .01078    .00001    .00020
 %RSD    .16737    28.508    146.16    140.67    78.266    .42939    14.645

 #1      84.793    .00037    -.00001   .00034    .00615    .00125    .00154
 #2      84.593    .00056    .00031    .00000    .02140    .00126    .00125

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00316    2.5381    .03570    .00540    .00010    .49246    .23886

Analysis Report                          03/28/12 11:52:09 AM        page 23


 SDev    .00178     .0024    .00011    .00211    .00038    .01091    .00161
 %RSD    56.477    .09613    .29520    39.085    377.79    2.2150    .67280

 #1      .00442    2.5398    .03578    .00689    -.00017   .48475    .24000
 #2      .00190    2.5364    .03563    .00391    .00037    .50017    .23772

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00005   190.52    150.02    .13521    .00487    .00045    .00011
 SDev     .00034      .07       .03    .00013    .00636    .00145    .00007
 %RSD    636.27    .03860    .02174    .09810    130.59    322.70    64.873

 #1      -.00029   190.57    150.05    .13530    .00936    .00148    .00015
 #2      .00019    190.47    150.00    .13512    .00037    -.00058   .00006

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00086    .01683    .00087    .00166    -.00028   .00487
 SDev    .00021    .00012    .00249    .00155     .00055   .00240
 %RSD    24.894    .73645    287.06    93.591    200.46    49.179

 #1      .00101    .01692    -.00089   .00275    .00012    .00657
 #2      .00071    .01674    .00262    .00056    -.00067   .00318


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    38982     --        --        --        --        --        --
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SDev	77.07464	--	--	--	--	--	--
%RSD	.1977160	--	--	--	--	--	--
#1	39037	--	--	--	--	--	--
#2	38928	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52210-g-1-d Operator: DCL
Run Time: 03/28/12 11:52:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04492	.00342	.00241	.05243	-.00041	.00760	-.00008
SDev	.00008	.00144	.00010	.00020	.00000	.00024	.00002
%RSD	.18171	42.076	4.1325	.38209	.54504	3.1285	22.567
#1	.04498	.00444	.00233	.05257	-.00041	.00777	-.00010
#2	.04486	.00240	.00248	.05229	-.00041	.00743	-.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.747	.00025	-.00032	-.00136	.00462	.00098	.00090
SDev	.549	.00003	.00039	.00016	.00628	.00009	.00007
%RSD	.59810	12.987	121.14	11.441	136.12	8.7408	7.4687
#1	92.135	.00028	-.00005	-.00147	.00906	.00104	.00095

#2	91.359	.00023	-.00060	-.00125	.00017	.00092	.00086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.89189	.07067	.00205	.00017	.34517	.06163
SDev	.00098	.00849	.00041	.00040	.00052	.03115	.00162
%RSD	43.293	.95217	.57631	19.382	316.03	9.0253	2.6364
#1	.00157	.89790	.07096	.00233	.00054	.36720	.06278
#2	.00295	.88589	.07038	.00177	-.00020	.32314	.06048

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	188.84	149.25	.04332	.00037	-.00015	-.00029
SDev	.00019	.68	.45	.00012	.00238	.00090	.00003
%RSD	65.567	.36073	.30136	.28168	635.41	617.48	9.1517
#1	-.00016	189.32	149.57	.04341	.00206	.00049	-.00027
#2	-.00043	188.36	148.94	.04324	-.00131	-.00078	-.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.17955	-.00145	.00208	-.00127	.00403
SDev	.00026	.00117	.00073	.00047	.00018	.00138
%RSD	52.088	.64929	50.023	22.333	13.924	34.269
#1	.00069	.18037	-.00197	.00241	-.00140	.00305
#2	.00032	.17872	-.00094	.00175	-.00115	.00500

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38991	--	--	--	--	--	--
SDev	106.0660	--	--	--	--	--	--
%RSD	.2720269	--	--	--	--	--	--
#1	38916	--	--	--	--	--	--
#2	39066	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 11:56:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3912	.50202	.49838	.49822	.47788	.49063	.51152
SDev	.0024	.00007	.00217	.00142	.00245	.00053	.00272
%RSD	.09839	.01385	.43551	.28563	.51216	.10879	.53248
#1	2.3929	.50198	.49991	.49923	.47961	.49025	.51345
#2	2.3895	.50207	.49684	.49721	.47615	.49101	.50960

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.280	.47913	.47975	.47343	2.5319	.45785	.49388
SDev	.062	.00244	.00242	.00113	.0063	.00158	.00346
%RSD	.50603	.50914	.50505	.23828	.24954	.34607	.70051
#1	12.324	.48086	.48146	.47422	2.5363	.45897	.49633
#2	12.236	.47741	.47804	.47263	2.5274	.45673	.49143

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49378	4.8265	.47895	.49801	.50016	12.154	.90962
SDev	.00114	.0345	.00222	.00007	.00296	.122	.00262
%RSD	.23058	.71440	.46267	.01407	.59226	1.0037	.28791
#1	.49297	4.8509	.48052	.49796	.50226	12.240	.91147
#2	.49458	4.8022	.47739	.49806	.49807	12.067	.90777

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24144	12.389	11.771	.25137	.52001	.49224	.49491
SDev	.00110	.108	.020	.00083	.00575	.00028	.00188
%RSD	.45353	.86938	.17351	.33126	1.1055	.05587	.38093
#1	.24221	12.313	11.785	.25196	.51595	.49205	.49625
#2	.24066	12.465	11.756	.25078	.52408	.49243	.49358

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48568	.51083	.47561	.50301	.47440	.50352
SDev	.00187	.00276	.00218	.00410	.00101	.00120
%RSD	.38413	.54026	.45932	.81453	.21345	.23858
#1	.48700	.51279	.47715	.50591	.47369	.50267
#2	.48436	.50888	.47406	.50012	.47512	.50437

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40816	--	--	--	--	--	--
SDev	542.3509	--	--	--	--	--	--
%RSD	1.328787	--	--	--	--	--	--
#1	40432	--	--	--	--	--	--
#2	41199	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 11:59:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04801	.00171	.00429	.00020	-.00042	-.00124	-.00011
SDev	.00338	.00320	.00041	.00015	.00002	.00174	.00012
%RSD	7.0425	187.14	9.5760	76.812	4.3432	140.15	105.69

#1	.05040	.00397	.00458	.00030	-.00041	-.00001	-.00019
#2	.04562	-.00055	.00400	.00009	-.00043	-.00248	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00522	.00081	-.00010	-.00067	.00390	.00024	.00086
SDev	.00139	.00079	.00043	.00091	.03235	.00008	.00089
%RSD	26.648	97.368	424.94	137.26	829.33	31.654	103.19
#1	-.00620	.00137	-.00041	-.00002	-.01897	.00030	.00023
#2	-.00423	.00025	.00020	-.00131	.02677	.00019	.00149

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	.00591	.00020	.00205	-.00035	.02342	-.00368
SDev	.00171	.00139	.00015	.00114	.00023	.02046	.00191
%RSD	74.361	23.466	75.862	55.413	64.804	87.381	51.971
#1	.00109	.00689	.00031	.00285	-.00052	.03789	-.00233
#2	.00351	.00493	.00009	.00125	-.00019	.00895	-.00503

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.03123	.02606	.00008	.00476	-.00075	.00051
SDev	.00063	.25095	.00442	.00005	.00112	.00213	.00030
%RSD	2805.0	803.52	16.973	66.341	23.588	283.93	58.678
#1	-.00047	-.14621	.02919	.00011	.00556	-.00225	.00073
#2	.00042	.20868	.02294	.00004	.00397	.00075	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00780	-.00139	.00199	-.00305	.00498
SDev	.00057	.00015	.00566	.00150	.00900	.00193
%RSD	53.576	1.8612	408.36	75.260	294.57	38.871

#1	.00147	.00790	-.00539	.00305	-.00942	.00634
#2	.00066	.00770	.00262	.00093	.00331	.00361

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40760	--	--	--	--	--	--
SDev	211.4249	--	--	--	--	--	--
%RSD	.5187132	--	--	--	--	--	--
#1	40610	--	--	--	--	--	--
#2	40909	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52210-g-1-e ms Operator: DCL
Run Time: 03/28/12 12:03:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.274	1.0596	1.0462	1.0881	.49673	1.0579	.52188
SDev	.078	.0042	.0023	.0068	.00235	.0078	.00302
%RSD	.76263	.39195	.21845	.62793	.47339	.74104	.57787
#1	10.329	1.0625	1.0478	1.0930	.49839	1.0634	.52401
#2	10.219	1.0567	1.0445	1.0833	.49506	1.0523	.51975

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.463	.99087	.99525	1.0059	10.290	.54013	1.0212
SDev	.505	.00411	.00494	.0056	.065	.00387	.0025
%RSD	.51335	.41447	.49666	.55303	.63229	.71608	.24251
#1	98.820	.99378	.99874	1.0098	10.336	.54286	1.0229
#2	98.105	.98797	.99175	1.0020	10.244	.53739	1.0194

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0338	10.775	1.0675	1.0652	1.0310	12.998	1.0379
SDev	.0018	.045	.0059	.0030	.0081	.057	.0065
%RSD	.17843	.41662	.54867	.28537	.79031	.44179	.62573
#1	1.0325	10.807	1.0716	1.0674	1.0368	13.039	1.0425
#2	1.0351	10.744	1.0634	1.0631	1.0252	12.958	1.0333

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51912	201.79	157.22	.56459	1.0959	1.0166	1.0242
SDev	.00278	1.69	.98	.00326	.0006	.0054	.0051
%RSD	.53604	.83821	.62132	.57795	.05377	.52664	.50004
#1	.52108	202.99	157.91	.56689	1.0963	1.0204	1.0279
#2	.51715	200.60	156.53	.56228	1.0955	1.0128	1.0206

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0130	1.2378	.97932	1.0421	1.0019	1.0498

SDev	.0052	.0065	.00010	.0038	.0047	.0004
%RSD	.50975	.52273	.01001	.36116	.46815	.04017
#1	1.0167	1.2424	.97925	1.0447	.99854	1.0495
#2	1.0094	1.2332	.97938	1.0394	1.0052	1.0501

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40644	--	--	--	--	--	--
SDev	79.19596	--	--	--	--	--	--
%RSD	.1948528	--	--	--	--	--	--
#1	40700	--	--	--	--	--	--
#2	40588	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52210-g-1-f msd Operator: DCL
Run Time: 03/28/12 12:07:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.479	1.0808	1.0649	1.1112	.50621	1.0802	.53048
SDev	.019	.0008	.0014	.0005	.00036	.0000	.00036
%RSD	.18167	.07425	.13392	.04909	.07092	.00378	.06757
#1	10.492	1.0814	1.0638	1.1116	.50647	1.0802	.53073
#2	10.465	1.0803	1.0659	1.1108	.50596	1.0802	.53022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.44	1.0098	1.0120	1.0257	10.457	.55132	1.0374
SDev	.07	.0009	.0001	.0011	.001	.00084	.0022
%RSD	.07026	.08478	.01264	.10863	.00847	.15248	.21149
#1	100.48	1.0104	1.0121	1.0265	10.458	.55191	1.0358
#2	100.39	1.0092	1.0119	1.0249	10.457	.55072	1.0389

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0498	10.981	1.0873	1.0890	1.0502	13.394	1.0588
SDev	.0058	.010	.0004	.0003	.0002	.011	.0007
%RSD	.55657	.09342	.03783	.02440	.02140	.07870	.06496
#1	1.0457	10.988	1.0876	1.0888	1.0500	13.401	1.0593
#2	1.0540	10.973	1.0870	1.0891	1.0503	13.386	1.0583

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52818	205.61	161.00	.57562	1.1227	1.0375	1.0466
SDev	.00080	.68	.49	.00014	.0092	.0012	.0002
%RSD	.15127	.33120	.30447	.02372	.81943	.11182	.01813
#1	.52874	206.09	161.34	.57572	1.1162	1.0383	1.0468
#2	.52761	205.13	160.65	.57553	1.1292	1.0367	1.0465

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0330	1.2614	.99643	1.0579	1.0129	1.0683
SDev	.0006	.0010	.00251	.0020	.0057	.0059
%RSD	.05656	.08067	.25203	.19240	.56502	.55255
#1	1.0334	1.2621	.99466	1.0564	1.0089	1.0641
#2	1.0325	1.2607	.99821	1.0593	1.0170	1.0725

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39250	--	--	--	--	--	--
SDev	71.41779	--	--	--	--	--	--
%RSD	.1819584	--	--	--	--	--	--

#1	39300	--	--	--	--	--	--
#2	39199	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52212-g-1-d Operator: DCL
Run Time: 03/28/12 12:11:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06356	.00174	.00415	.14636	-.00050	.00936	-.00003
SDev	.00100	.00209	.00000	.00048	.00001	.00098	.00007
%RSD	1.5656	119.92	.05767	.32717	2.1349	10.463	271.31
#1	.06427	.00027	.00415	.14670	-.00051	.01005	.00002
#2	.06286	.00322	.00415	.14602	-.00049	.00867	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.513	.00026	.00002	-.00130	.02292	.00093	.00067
SDev	.365	.00005	.00003	.00057	.00116	.00000	.00028
%RSD	.41730	18.412	134.22	43.598	5.0492	.06068	41.329
#1	87.771	.00030	.00004	-.00090	.02210	.00093	.00048
#2	87.255	.00023	.00000	-.00171	.02373	.00093	.00087

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00207	1.2065	.18798	.00476	.00037	.46524	.67861
SDev	.00358	.0093	.00090	.00098	.00028	.01269	.00653
%RSD	173.24	.76688	.48134	20.629	74.673	2.7271	.96244
#1	.00460	1.2130	.18862	.00545	.00018	.47421	.68323
#2	-.00047	1.1999	.18734	.00407	.00057	.45627	.67399

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	194.22	151.97	.14351	.00471	.00065	-.00010
SDev	.00012	.88	.69	.00046	.00300	.00111	.00005
%RSD	35.042	.45244	.45123	.32208	63.767	170.87	46.293
#1	-.00025	194.84	152.45	.14384	.00684	-.00013	-.00007

#2	-.00042	193.60	151.48	.14319	.00259	.00143	-.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00374	.00219	-.00009	-.00218	.00419
SDev	.00007	.00012	.00148	.00033	.00305	.00385
%RSD	7.3345	3.3130	67.835	380.28	139.76	91.786
#1	.00108	.00383	.00114	.00014	-.00003	.00691
#2	.00097	.00365	.00324	-.00032	-.00434	.00147

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39515	--	--	--	--	--	--
SDev	113.1371	--	--	--	--	--	--
%RSD	.2863143	--	--	--	--	--	--
#1	39435	--	--	--	--	--	--
#2	39595	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52215-g-1-e Operator: DCL
Run Time: 03/28/12 12:15:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05581	.00389	.00517	.12011	-.00055	.00965	.00002
SDev	.00108	.00171	.00028	.00035	.00001	.00038	.00000
%RSD	1.9422	43.880	5.5135	.29202	1.5465	3.9748	19.905
#1	.05658	.00269	.00537	.11986	-.00054	.00992	.00002
#2	.05505	.00510	.00497	.12036	-.00055	.00938	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.048	.00050	.00043	-.00106	.00598	.00095	.00103
SDev	.079	.00011	.00022	.00002	.01197	.00001	.00082
%RSD	.08864	23.077	51.673	2.1733	200.16	1.3886	79.241
#1	88.992	.00041	.00027	-.00105	-.00249	.00094	.00161
#2	89.104	.00058	.00059	-.00108	.01445	.00096	.00045

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	1.6960	.13511	.00263	.00039	.37183	.27862
SDev	.00017	.0010	.00019	.00037	.00033	.00192	.00013
%RSD	27.978	.06180	.14201	13.922	84.726	.51745	.04732
#1	-.00050	1.6953	.13498	.00289	.00016	.37047	.27853
#2	-.00075	1.6967	.13525	.00238	.00063	.37319	.27872

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	190.06	149.74	.15415	.00279	.00138	-.00024
SDev	.00017	.81	.11	.00030	.00229	.00006	.00017

%RSD	165.54	.42809	.07538	.19288	81.931	4.6293	69.426
#1	-.00022	189.49	149.66	.15394	.00440	.00142	-.00012
#2	.00002	190.64	149.82	.15436	.00117	.00133	-.00036

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	.17676	.00142	.00084	-.00234	.00023
SDev	.00020	.00001	.00011	.00118	.00009	.00031
%RSD	14.235	.00810	7.6030	139.89	3.8265	132.91
#1	.00151	.17675	.00150	.00167	-.00240	.00045

#2	.00124	.17677	.00135	.00001	-.00227	.00001	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39306	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.0845531	--	--	--	--	--	--
#1	39329	--	--	--	--	--	--
#2	39282	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52350-a-1-c Operator: DCL
Run Time: 03/28/12 12:19:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11777	.00220	.00337	.03936	-.00051	.11510	.00606
SDev	.00062	.00130	.00029	.00010	.00001	.00039	.00001
%RSD	.52754	59.031	8.4762	.25253	1.1580	.33773	.18150
#1	.11821	.00128	.00317	.03943	-.00051	.11538	.00606
#2	.11733	.00311	.00357	.03929	-.00050	.11483	.00607

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.303	.03055	.01387	.00345	2.3997	.01676	.00181
SDev	.034	.00006	.00018	.00012	.0062	.00004	.00114
%RSD	.27311	.18610	1.2698	3.4219	.25842	.24943	62.978
#1	12.327	.03051	.01374	.00337	2.4040	.01678	.00100
#2	12.279	.03059	.01399	.00354	2.3953	.01673	.00261

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	1.2793	.22688	.00194	.09348	1.6492	.18821
SDev	.00245	.0003	.00072	.00000	.00044	.0066	.00063
%RSD	99.475	.02595	.31939	.05321	.47299	.39734	.33653
#1	.00073	1.2791	.22739	.00194	.09380	1.6445	.18866
#2	.00419	1.2795	.22636	.00194	.09317	1.6538	.18776

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00008	198.98	154.33	.24006	-.00113	-.00016	.00024
SDev	.00057	.19	.28	.00080	.00226	.00051	.00014
%RSD	699.11	.09508	.18096	.33109	200.39	312.03	57.197
#1	-.00049	199.11	154.53	.24063	-.00272	-.00052	.00034
#2	.00032	198.84	154.14	.23950	.00047	.00020	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	4.1940	.00043	.00249	-.00352	.00545

SDev	.00038	.0114	.00038	.00152	.00477	.00128
%RSD	93.198	.27244	87.077	60.899	135.56	23.520
#1	.00014	4.2020	.00017	.00142	-.00689	.00454
#2	.00068	4.1859	.00070	.00357	-.00015	.00635

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39510	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.0805351	--	--	--	--	--	--
#1	39533	--	--	--	--	--	--
#2	39488	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52350-a-1-d ms Operator: DCL
Run Time: 03/28/12 12:23:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.500	1.0784	1.0672	1.1086	.50558	1.1902	.54622
SDev	.022	.0029	.0039	.0006	.00045	.0001	.00059
%RSD	.21192	.26607	.36706	.05074	.08828	.00472	.10756
#1	10.516	1.0805	1.0699	1.1090	.50589	1.1902	.54663
#2	10.484	1.0764	1.0644	1.1082	.50526	1.1901	.54580

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.291	1.0462	1.0338	1.0301	12.897	.56760	1.0466
SDev	.031	.0013	.0006	.0016	.029	.00090	.0026
%RSD	.14056	.12294	.05444	.15657	.22106	.15810	.24413
#1	22.313	1.0471	1.0342	1.0312	12.917	.56823	1.0484
#2	22.269	1.0453	1.0334	1.0289	12.877	.56696	1.0448

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0469	11.413	1.2414	1.0881	1.1530	14.602	1.1708
SDev	.0010	.021	.0015	.0079	.0019	.034	.0010
%RSD	.09963	.18265	.12438	.72887	.16574	.23234	.08655
#1	1.0476	11.428	1.2424	1.0825	1.1543	14.626	1.1715
#2	1.0461	11.398	1.2403	1.0937	1.1516	14.578	1.1701

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52884	209.47	162.74	.78032	1.1305	1.0412	1.0503
SDev	.00064	.78	.45	.00061	.0057	.0025	.0012
%RSD	.12098	.37372	.27840	.07771	.50266	.24414	.11278
#1	.52929	210.02	163.06	.78074	1.1265	1.0430	1.0511
#2	.52839	208.91	162.42	.77989	1.1345	1.0394	1.0495

Analysis Report 03/28/12 12:26:49 PM page 33

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0323	5.0674	1.0023	1.0688	1.0139	1.0634
SDev	.0019	.0071	.0017	.0030	.0024	.0004
%RSD	.18821	.14066	.17399	.27701	.23737	.03395
#1	1.0337	5.0724	1.0035	1.0708	1.0156	1.0636
#2	1.0310	5.0623	1.0011	1.0667	1.0122	1.0631

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39534	--	--	--	--	--	--
SDev	65.76093	--	--	--	--	--	--
%RSD	.1663423	--	--	--	--	--	--
#1	39487	--	--	--	--	--	--
#2	39580	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-75712/1-b Operator: DCL
Run Time: 03/28/12 12:26:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05424	-.00048	.00275	.00824	-.00050	.00677	-.00016
SDev	.00039	.00063	.00059	.00009	.00001	.00112	.00001
%RSD	.72260	132.37	21.535	1.0280	1.1533	16.615	7.3735
#1	.05452	-.00003	.00317	.00830	-.00049	.00757	-.00017
#2	.05397	-.00092	.00233	.00818	-.00050	.00598	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08936	.00076	-.00029	-.00124	.04195	.00047	.00084
SDev	.00021	.00001	.00074	.00029	.00953	.00003	.00104
%RSD	.23231	1.8119	258.83	23.636	22.719	7.5424	123.96
#1	.08922	.00075	-.00081	-.00103	.03521	.00049	.00158
#2	.08951	.00077	.00024	-.00145	.04868	.00044	.00010

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00377	.03368	.00048	.00367	-.00045	.16260	.01153
SDev	.00187	.00287	.00002	.00155	.00060	.02511	.00146
%RSD	49.450	8.5266	4.3288	42.094	132.09	15.445	12.645
#1	.00245	.03572	.00050	.00477	-.00087	.18036	.01256

#2	.00509	.03165	.00047	.00258	-.00003	.14484	.01050
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.67896	.71309	.00031	.00541	.00008	.00049
SDev	.00038	.18498	.00597	.00003	.00435	.00039	.00002

Analysis Report 03/28/12 12:30:40 PM page 34

%RSD	92.403	27.245	.83684	8.2121	80.413	504.29	3.3219
#1	-.00068	.54816	.71731	.00029	.00849	.00035	.00047
#2	-.00014	.80976	.70887	.00032	.00234	-.00020	.00050
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00065	.00456	-.00030	.00141	-.00144	.00638	
SDev	.00008	.00004	.00088	.00112	.01159	.00300	
%RSD	12.187	.94359	298.10	79.636	806.81	47.015	
#1	.00071	.00453	.00033	.00220	-.00964	.00850	
#2	.00059	.00459	-.00092	.00062	.00676	.00426	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39983	--	--	--	--	--	--
SDev	165.4630	--	--	--	--	--	--
%RSD	.4138333	--	--	--	--	--	--
#1	39866	--	--	--	--	--	--
#2	40100	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52214-g-1-d Operator: DCL
Run Time: 03/28/12 12:30:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15246	.00033	.00528	.13924	-.00044	.00864	.00027
SDev	.00030	.00003	.00184	.00055	.00001	.00011	.00013
%RSD	.19439	9.4270	34.940	.39429	3.1777	1.2622	49.221
#1	.15225	.00031	.00397	.13963	-.00044	.00871	.00018
#2	.15267	.00036	.00658	.13885	-.00043	.00856	.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	172.48	.00030	.00285	.00018	.25990	.00097	.05599
SDev	.56	.00000	.00006	.00001	.00049	.00001	.00014
%RSD	.32646	.04218	2.0934	6.3638	.18764	1.0499	.25026
#1	172.88	.00030	.00289	.00018	.25955	.00096	.05609
#2	172.08	.00030	.00281	.00017	.26024	.00098	.05589

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	2.2464	.47757	.00173	.00317	1.0863	.92404
SDev	.00120	.0067	.00190	.00047	.00044	.0022	.00345
%RSD	511.00	.29656	.39776	27.420	13.726	.20105	.37313

#1	-.00061	2.2511	.47892	.00139	.00286	1.0878	.92648
#2	.00108	2.2417	.47623	.00206	.00348	1.0847	.92160

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	5.9265	5.7082	.28329	.00108	-.00041	-.00087
SDev	.00000	.2026	.0382	.00124	.00204	.00021	.00000
%RSD	.89297	3.4187	.66955	.43835	188.65	50.669	.30941
#1	-.00008	6.0697	5.7352	.28417	.00252	-.00056	-.00087
#2	-.00008	5.7832	5.6812	.28241	-.00036	-.00026	-.00087

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.40670	.05442	.05678	-.00052	.00061
SDev	.00000	.00164	.00162	.00060	.00166	.00096
%RSD	.56804	.40273	2.9764	1.0561	320.80	158.12
#1	.00068	.40786	.05556	.05636	-.00169	-.00007
#2	.00068	.40554	.05327	.05720	.00066	.00129

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39413	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.1829977	--	--	--	--	--	--
#1	39362	--	--	--	--	--	--
#2	39464	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52208-g-1-d Operator: DCL
Run Time: 03/28/12 12:34:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.067	1.0206	1.0474	1.0923	.48425	1.0614	.52441
SDev	.011	.0088	.0048	.0012	.00059	.0020	.00093
%RSD	.11056	.86001	.45558	.10549	.12220	.18774	.17794
#1	10.074	1.0144	1.0508	1.0931	.48467	1.0628	.52507
#2	10.059	1.0268	1.0440	1.0915	.48383	1.0600	.52375

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.23	.98510	.97723	.98425	10.195	1.0907	1.0199
SDev	.12	.00154	.00097	.00145	.020	.0015	.0031
%RSD	.11739	.15629	.09965	.14782	.20064	.14176	.29972
#1	102.31	.98619	.97792	.98528	10.209	1.0918	1.0221
#2	102.14	.98401	.97654	.98322	10.180	1.0896	1.0178

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0208	10.615	1.0782	1.0316	1.0266	13.485	3.1531

SDev	.0005	.015	.0016	.0002	.0022	.026	.0039
%RSD	.04923	.14554	.15044	.01554	.21715	.19639	.12348

Analysis Report 03/28/12 12:38:22 PM page 36

#1	1.0204	10.626	1.0794	1.0315	1.0282	13.504	3.1558
#2	1.0212	10.604	1.0771	1.0317	1.0250	13.467	3.1503

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50833	202.20	160.07	.65876	1.1000	1.0104	1.0126
SDev	.00033	.07	.23	.00060	.0036	.0024	.0008
%RSD	.06579	.03404	.14415	.09043	.32686	.24185	.08273
#1	.50809	202.15	160.23	.65918	1.0975	1.0121	1.0132
#2	.50857	202.25	159.91	.65834	1.1026	1.0086	1.0121

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99540	1.0756	.97485	1.0425	.98226	1.0401
SDev	.00132	.0015	.00453	.0023	.00633	.0039
%RSD	.13295	.13812	.46480	.22253	.64480	.37696
#1	.99634	1.0766	.97806	1.0441	.98674	1.0373
#2	.99447	1.0745	.97165	1.0408	.97778	1.0428

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39024	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1087188	--	--	--	--	--	--
#1	39054	--	--	--	--	--	--
#2	38994	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52208-g-1-d@5 Operator: DCL
Run Time: 03/28/12 12:38:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05395	.00895	.00366	.01114	-.00047	.00291	-.00021
SDev	.00276	.00546	.00038	.00003	.00001	.00133	.00007
%RSD	5.1212	60.995	10.318	.23174	2.2135	45.855	36.124
#1	.05590	.01281	.00393	.01116	-.00046	.00385	-.00015
#2	.05199	.00509	.00340	.01112	-.00048	.00196	-.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.392	.00077	-.00093	-.00108	-.02134	.00067	.00072
SDev	.082	.00042	.00015	.00029	.01005	.00020	.00042
%RSD	.44783	54.235	16.035	27.415	47.119	30.783	58.854
#1	18.451	.00107	-.00103	-.00087	-.01423	.00081	.00102
#2	18.334	.00048	-.00082	-.00128	-.02845	.00052	.00042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00338	.17567	.01643	.00391	-.00061	.18991	.39279
SDev	.00436	.01607	.00005	.00212	.00034	.09313	.00201
%RSD	128.99	9.1455	.31648	54.326	55.309	49.038	.51249
#1	.00647	.18703	.01646	.00541	-.00085	.25576	.39421
#2	.00030	.16431	.01639	.00241	-.00037	.12406	.39137

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	32.284	29.251	.02752	-.00076	-.00046	.00037
SDev	.00015	.023	.088	.00000	.00096	.00061	.00018
%RSD	20.354	.07210	.30253	.01148	125.32	133.55	48.443
#1	-.00064	32.301	29.188	.02752	-.00144	-.00089	.00050
#2	-.00086	32.268	29.313	.02752	-.00009	-.00003	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.00562	-.00368	.00291	-.00350	.00683
SDev	.00004	.00011	.00327	.00100	.00831	.00239
%RSD	5.1828	1.9831	88.899	34.351	237.23	35.010
#1	.00071	.00555	-.00137	.00221	.00237	.00852
#2	.00077	.00570	-.00599	.00362	-.00938	.00514

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40346	--	--	--	--	--	--
SDev	407.2935	--	--	--	--	--	--
%RSD	1.009502	--	--	--	--	--	--
#1	40058	--	--	--	--	--	--
#2	40634	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 12:42:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4654	.51393	.50931	.51505	.48184	.50500	.52734
SDev	.0037	.00227	.00108	.00143	.00220	.00135	.00229
%RSD	.15083	.44115	.21237	.27839	.45752	.26713	.43486
#1	2.4680	.51554	.51008	.51606	.48340	.50596	.52896
#2	2.4628	.51233	.50855	.51403	.48028	.50405	.52572

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.507	.48667	.48725	.48148	2.5876	.47460	.50350
SDev	.059	.00216	.00243	.00094	.0121	.00153	.00426
%RSD	.47397	.44302	.49884	.19513	.46867	.32352	.84704

#1	12.549	.48819	.48897	.48214	2.5962	.47568	.50651
#2	12.465	.48514	.48553	.48081	2.5791	.47351	.50048

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49967	4.9053	.48856	.50841	.51324	12.536	.93148
SDev	.00052	.0202	.00177	.00114	.00358	.061	.00194
%RSD	.10392	.41150	.36118	.22364	.69761	.48265	.20838
#1	.49931	4.9195	.48981	.50922	.51577	12.579	.93285
#2	.50004	4.8910	.48731	.50761	.51071	12.494	.93011

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24740	12.732	12.256	.25962	.53953	.49935	.50646
SDev	.00027	.072	.025	.00082	.00595	.00197	.00213
%RSD	.10835	.56910	.20424	.31702	1.1029	.39457	.42131
#1	.24759	12.681	12.273	.26020	.53533	.50075	.50796
#2	.24721	12.783	12.238	.25904	.54374	.49796	.50495

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49422	.52330	.47817	.51616	.47940	.50987
SDev	.00198	.00227	.00538	.00370	.00447	.00301
%RSD	.39991	.43318	1.1260	.71784	.93181	.59079
#1	.49561	.52490	.48197	.51878	.48256	.50774
#2	.49282	.52170	.47436	.51354	.47624	.51200

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40195	--	--	--	--	--	--
SDev	120.2082	--	--	--	--	--	--
%RSD	.2990625	--	--	--	--	--	--
#1	40110	--	--	--	--	--	--
#2	40280	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 12:46:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05600	.00199	.00281	.00011	-.00054	-.00297	-.00002
SDev	.00372	.00364	.00059	.00016	.00001	.00145	.00010
%RSD	6.6417	182.79	21.088	146.85	2.4205	48.746	502.80
#1	.05862	.00457	.00322	.00023	-.00053	-.00195	.00005
#2	.05337	-.00058	.00239	-.00000	-.00055	-.00399	-.00009

Analysis Report 03/28/12 12:49:55 PM page 39

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00109	.00045	-.00016	-.00209	-.00683	.00023	.00075
SDev	.00003	.00051	.00019	.00080	.01853	.00005	.00032
%RSD	2.6810	111.46	116.59	38.069	271.41	19.344	43.510
#1	-.00111	.00081	-.00003	-.00153	.00628	.00026	.00097
#2	-.00107	.00010	-.00029	-.00265	-.01993	.00020	.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00690	.00015	.00258	-.00028	.03487	-.00610
SDev	.00194	.00464	.00008	.00162	.00021	.01946	.00378
%RSD	204.98	67.257	51.701	62.998	77.157	55.815	61.998
#1	.00232	.01018	.00020	.00373	-.00013	.04863	-.00342
#2	-.00043	.00362	.00009	.00143	-.00043	.02111	-.00877

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	-.06636	.02057	.00005	.00384	.00133	.00032
SDev	.00049	.07062	.00322	.00007	.00325	.00007	.00036
%RSD	317.03	106.42	15.666	127.49	84.574	5.3781	112.13
#1	.00019	-.11629	.02285	.00010	.00613	.00128	.00057
#2	-.00050	-.01642	.01829	.00001	.00154	.00138	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00135	-.00185	.00204	-.00928	.00606
SDev	.00089	.00013	.00107	.00102	.00115	.00349
%RSD	213.37	9.8661	57.601	49.891	12.353	57.594
#1	.00105	.00144	-.00260	.00276	-.01009	.00853
#2	-.00021	.00126	-.00110	.00132	-.00847	.00359

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40514	--	--	--	--	--	--
SDev	101.1163	--	--	--	--	--	--
%RSD	.2495866	--	--	--	--	--	--
#1	40442	--	--	--	--	--	--
#2	40585	--	--	--	--	--	--

Analysis Report 03/28/12 01:13:09 PM page 1

Method: 20076010 Sample Name: mb 600-75814/1-a Operator: DCL
Run Time: 03/28/12 13:09:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06438	.00204	.00316	.00033	-.00065	-.00563	-.00016
SDev	.00093	.00221	.00114	.00001	.00001	.00002	.00001
%RSD	1.4471	108.47	36.209	1.9131	1.1197	.37318	7.7656
#1	.06504	.00047	.00235	.00034	-.00066	-.00562	-.00016
#2	.06372	.00360	.00397	.00033	-.00065	-.00565	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21977	.00096	-.00050	.00165	.03382	.00001	.00113
SDev	.01667	.00002	.00008	.00001	.00133	.00002	.00067
%RSD	7.5874	1.8483	16.558	.44410	3.9276	163.55	58.695
#1	.23157	.00097	-.00056	.00164	.03289	.00002	.00066
#2	.20798	.00094	-.00044	.00165	.03476	-.00000	.00160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00115	.00251	.00050	.00051	-.00032	.02538	-.00325
SDev	.00076	.00154	.00010	.00101	.00047	.00782	.00005
%RSD	65.961	61.247	18.861	197.16	145.92	30.806	1.6696
#1	.00169	.00360	.00057	.00122	-.00065	.03091	-.00329
#2	.00062	.00142	.00044	-.00020	.00001	.01986	-.00322

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.06050	.03960	.00017	-.00261	.02851	.00031
SDev	.00002	.02560	.00090	.00002	.00171	.00147	.00006
%RSD	14.355	42.322	2.2673	11.073	65.544	5.1678	19.246
#1	-.00014	.04239	.04023	.00016	-.00383	.02955	.00027
#2	-.00017	.07860	.03896	.00018	-.00140	.02747	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.03353	.00263	.00039	-.00669	.00508
SDev	.00011	.00137	.00007	.00096	.00265	.00018
%RSD	23.658	4.0778	2.8526	248.23	39.577	3.6103
#1	.00040	.03449	.00257	-.00029	-.00482	.00495
#2	.00056	.03256	.00268	.00107	-.00857	.00521

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40606	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.2594696	--	--	--	--	--	--

#1	40531	--	--	--	--	--	--
#2	40680	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-75814/2-a Operator: DCL
Run Time: 03/28/12 13:13:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.587	.88226	1.4794	2.9224	1.5733	.93041	.81627
SDev	.798	.01182	.0122	.0238	.0092	.00598	.00485
%RSD	.97790	1.3394	.82142	.81287	.58664	.64253	.59409

#1	82.151	.87390	1.4880	2.9392	1.5798	.93463	.81970
#2	81.023	.89062	1.4708	2.9056	1.5668	.92618	.81285
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.61	1.0765	1.5094	1.1457	170.98	.08672	1.5339
SDev	.67	.0084	.0102	.0113	1.30	.00080	.0062
%RSD	.65730	.78036	.67338	.98560	.75946	.92592	.40532
#1	103.09	1.0825	1.5166	1.1537	171.90	.08729	1.5383
#2	102.13	1.0706	1.5022	1.1377	170.07	.08615	1.5295
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1596	40.911	6.0081	1.0677	1.4658	49.224	2.4081
SDev	.0097	.275	.0447	.0022	.0141	.323	.0175
%RSD	.44709	.67294	.74388	.20315	.96416	.65673	.72481
#1	2.1664	41.106	6.0397	1.0692	1.4758	49.453	2.4204
#2	2.1527	40.717	5.9765	1.0661	1.4558	48.996	2.3958
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49796	3.8076	7.1818	2.8155	1.8633	1.6328	3.6212
SDev	.00402	.0461	.0772	.0255	.0099	.0133	.0264
%RSD	.80720	1.2106	1.0756	.90652	.53281	.81356	.72982
#1	.50080	3.7751	7.2364	2.8336	1.8703	1.6422	3.6398
#2	.49512	3.8402	7.1272	2.7975	1.8563	1.6234	3.6025
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.64457	2.3270	1.4422	1.5797	2.0604	2.2091	
SDev	.00483	.0119	.0035	.0111	.0026	.0158	
%RSD	.75010	.51147	.24212	.70085	.12724	.71494	
#1	.64799	2.3354	1.4397	1.5875	2.0586	2.2203	
#2	.64115	2.3186	1.4446	1.5719	2.0623	2.1979	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 01:17:00 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43188	--	--	--	--	--	--
SDev	204.3539	--	--	--	--	--	--
%RSD	.4731783	--	--	--	--	--	--
#1	43043	--	--	--	--	--	--
#2	43332	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-1-a Operator: DCL
Run Time: 03/28/12 13:17:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	200.37	.02385	.39062	25.384	.00534	7.4703	.00217
SDev	.09	.00669	.00028	.010	.00001	.0069	.00004
%RSD	.04290	28.041	.07047	.04023	.25388	.09268	1.9247
#1	200.31	.02858	.39082	25.392	.00535	7.4654	.00214
#2	200.43	.01912	.39043	25.377	.00533	7.4752	.00220
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	209.74	.16449	.09994	.08852	205.03	.38566	.14986
SDev	.05	.00013	.00030	.00034	.04	.00028	.00048
%RSD	.02440	.08070	.29780	.38867	.01753	.07384	.32224
#1	209.77	.16459	.10015	.08876	205.00	.38546	.14952
#2	209.70	.16440	.09973	.08827	205.05	.38586	.15020
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00727	476.09	4.6733	.00558	.07844	12.535	1.8611
SDev	.00210	.19	.0021	.00127	.00077	.009	.0019
%RSD	28.898	.03972	.04527	22.693	.98700	.07310	.09970
#1	-.00579	475.95	4.6748	.00647	.07790	12.541	1.8597
#2	-.00876	476.22	4.6718	.00468	.07899	12.528	1.8624
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00201	70.460	69.097	9.1414	.00788	.03692	2.4493
SDev	.00030	.226	.054	.0099	.00501	.00003	.0025
%RSD	15.036	.32069	.07744	.10840	63.550	.09280	.10178
#1	-.00180	70.300	69.059	9.1484	.01142	.03689	2.4511
#2	-.00222	70.620	69.134	9.1344	.00434	.03694	2.4476
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.32906	1.7864	.12965	.15996	-.01426	-.00378	
SDev	.00028	.0024	.00034	.00090	.00038	.00334	
%RSD	.08639	.13479	.26454	.56003	2.6416	88.351	
#1	.32926	1.7847	.12990	.15933	-.01452	-.00142	

#2	.32886	1.7881	.12941	.16059	-.01399	-.00614	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40050	--	--	--	--	--	--
SDev	86.97414	--	--	--	--	--	--
%RSD	.2171612	--	--	--	--	--	--
#1	39989	--	--	--	--	--	--
#2	40112	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-2-a Operator: DCL
Run Time: 03/28/12 13:20:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	179.94	.01170	.19599	4.4949	.00832	1.2179	-.00777
SDev	.01	.00227	.00223	.0077	.00003	.0042	.00025
%RSD	.00699	19.390	1.1388	.17032	.36047	.34154	3.2123
#1	179.93	.01331	.19441	4.5003	.00834	1.2208	-.00759
#2	179.94	.01010	.19757	4.4895	.00830	1.2149	-.00794

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.076	.18739	.03150	.05901	222.83	.42068	.03589
SDev	.022	.00090	.00028	.00054	.64	.00030	.00031
%RSD	.08483	.47886	.88243	.91492	.28629	.07188	.86755
#1	26.091	.18802	.03170	.05939	223.28	.42046	.03567
#2	26.060	.18676	.03130	.05863	222.38	.42089	.03611

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	71.145	.28933	.00597	.06698	13.470	3.0019
SDev	.00095	.309	.00114	.00099	.00044	.054	.0048
%RSD	48.331	.43493	.39298	16.520	.65851	.40095	.15880
#1	-.00130	71.364	.29014	.00667	.06729	13.508	3.0052
#2	-.00264	70.926	.28853	.00528	.06667	13.432	2.9985

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00248	46.940	44.669	3.0826	.00620	.03175	.77480
SDev	.00005	.186	.070	.0012	.00331	.00087	.00327
%RSD	1.9734	.39582	.15581	.04048	53.323	2.7278	.42216
#1	-.00245	46.809	44.620	3.0835	.00854	.03113	.77711
#2	-.00252	47.071	44.718	3.0817	.00386	.03236	.77248

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47035	.07702	.02308	.04229	-.01189	.00299

SDev	.00201	.00469	.00145	.00026	.00385	.00335
%RSD	.42740	6.0859	6.2966	.61385	32.382	112.04
#1	.47177	.07370	.02205	.04247	-.01461	.00536
#2	.46893	.08033	.02411	.04211	-.00917	.00062

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43642	--	--	--	--	--	--
SDev	250.3158	--	--	--	--	--	--
%RSD	.5735663	--	--	--	--	--	--
#1	43465	--	--	--	--	--	--
#2	43819	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-3-a Operator: DCL
Run Time: 03/28/12 13:24:45
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	136.59	.00825	.04706	.95761	.00655	.35116	-.00609
SDev	1.77	.00074	.00049	.00995	.00004	.00283	.00014
%RSD	1.2966	8.9134	1.0403	1.0386	.65525	.80546	2.3751
#1	135.34	.00877	.04741	.95058	.00652	.34916	-.00599
#2	137.84	.00773	.04672	.96465	.00658	.35316	-.00619

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.7019	.15946	.02718	.05627	167.83	.04807	.08611
SDev	.0583	.00115	.00016	.00048	1.90	.00061	.00032
%RSD	.86939	.71993	.60810	.85561	1.1321	1.2649	.36608
#1	6.6607	.15865	.02706	.05593	166.48	.04764	.08589
#2	6.7431	.16028	.02730	.05661	169.17	.04850	.08634

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	4.7100	.09203	.00475	.04873	6.8637	3.1786
SDev	.00297	.0492	.00098	.00120	.00077	.0893	.0330
%RSD	369.08	1.0452	1.0615	25.210	1.5792	1.3015	1.0394
#1	.00129	4.6752	.09134	.00390	.04818	6.8005	3.1553
#2	-.00290	4.7448	.09272	.00559	.04927	6.9268	3.2020

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	49.828	45.910	.65545	.00551	.03336	.33498
SDev	.00029	.896	.580	.00701	.00203	.00058	.00317
%RSD	15.691	1.7992	1.2632	1.0699	36.845	1.7476	.94651
#1	-.00209	49.194	45.500	.65049	.00694	.03377	.33273
#2	-.00167	50.461	46.320	.66041	.00407	.03294	.33722

Analysis Report 03/28/12 01:28:33 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38734	.06559	.07665	.09085	-.01035	.00397
SDev	.00346	.00030	.00079	.00008	.00260	.00316
%RSD	.89390	.45016	1.0358	.08355	25.065	79.475
#1	.38489	.06538	.07609	.09079	-.00852	.00620
#2	.38979	.06579	.07721	.09090	-.01219	.00174

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42918	--	--	--	--	--	--
SDev	265.1650	--	--	--	--	--	--
%RSD	.6178483	--	--	--	--	--	--
#1	43105	--	--	--	--	--	--
#2	42730	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-4-a Operator: DCL

Run Time: 03/28/12 13:28:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.38	.00644	.14470	1.3065	.00884	.11192	-.01392
SDev	.73	.00064	.00108	.0046	.00003	.00089	.00016
%RSD	.43579	9.8525	.74769	.35125	.29419	.79207	1.1483
#1	168.90	.00599	.14546	1.3098	.00885	.11254	-.01404
#2	167.86	.00689	.14393	1.3033	.00882	.11129	-.01381

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.565	.24613	.02276	.08886	385.76	.07157	.22337
SDev	.108	.00113	.00029	.00069	1.41	.00037	.00057
%RSD	.50099	.45948	1.2836	.77458	.36625	.52169	.25619
#1	21.641	.24693	.02297	.08935	386.76	.07183	.22378
#2	21.489	.24533	.02256	.08838	384.76	.07130	.22297

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	5.7042	.66591	.00644	.04817	5.2268	2.7427
SDev	.00110	.0374	.00291	.00052	.00028	.0723	.0114
%RSD	392.62	.65599	.43703	8.0380	.58283	1.3826	.41604
#1	-.00050	5.7307	.66796	.00681	.04837	5.2779	2.7508
#2	.00105	5.6778	.66385	.00607	.04797	5.1757	2.7347

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00297	38.671	36.507	.80553	.00817	.03240	.44676
SDev	.00041	.157	.150	.00299	.00299	.00051	.00187

%RSD	13.819	.40534	.41088	.37110	36.594	1.5684	.41824
#1	-.00326	38.782	36.614	.80764	.00606	.03204	.44808
#2	-.00268	38.560	36.401	.80341	.01029	.03276	.44543

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66366	.08468	.20089	.23461	-.01682	.00883
SDev	.00324	.00065	.00300	.00064	.00117	.00223
%RSD	.48800	.77353	1.4911	.27253	6.9746	25.257
#1	.66595	.08514	.20301	.23416	-.01599	.00725
#2	.66137	.08422	.19878	.23507	-.01765	.01040

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42414	--	--	--	--	--	--
SDev	408.7077	--	--	--	--	--	--
%RSD	.9636151	--	--	--	--	--	--
#1	42125	--	--	--	--	--	--
#2	42703	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-4-b du Operator: DCL
Run Time: 03/28/12 13:32:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	160.20	.00844	.20237	1.1749	.00865	.09798	-.01361
SDev	2.53	.00002	.00335	.0199	.00012	.00122	.00007
%RSD	1.5804	.26667	1.6536	1.6979	1.4295	1.2498	.49598
#1	161.99	.00842	.20474	1.1890	.00873	.09885	-.01357
#2	158.41	.00846	.20001	1.1608	.00856	.09712	-.01366

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.913	.25718	.02055	.07753	374.57	.05873	.14338
SDev	.282	.00409	.00030	.00109	6.31	.00098	.00111
%RSD	1.6669	1.5907	1.4443	1.4098	1.6837	1.6745	.77686
#1	17.112	.26007	.02076	.07830	379.03	.05942	.14417
#2	16.713	.25428	.02034	.07676	370.11	.05803	.14260

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00160	4.8849	.40925	.00848	.04485	4.4671	2.8776
SDev	.00084	.0927	.00700	.00077	.00029	.1196	.0467
%RSD	52.277	1.8984	1.7111	9.1398	.63710	2.6768	1.6229
#1	-.00220	4.9504	.41420	.00903	.04505	4.5516	2.9107
#2	-.00101	4.8193	.40429	.00793	.04465	4.3825	2.8446

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00273	36.014	34.120	.75869	.01124	.03455	.44917
SDev	.00047	.530	.488	.01235	.00540	.00137	.00759
%RSD	17.106	1.4715	1.4289	1.6281	48.043	3.9570	1.6900
#1	-.00306	36.389	34.464	.76742	.01506	.03552	.45454
#2	-.00240	35.639	33.775	.74995	.00742	.03358	.44380

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.84598	.07279	.12646	.15185	-.01587	.00553
SDev	.01444	.00045	.00011	.00162	.00451	.00351
%RSD	1.7066	.62258	.08416	1.0653	28.417	63.521
#1	.85619	.07311	.12654	.15299	-.01268	.00305
#2	.83577	.07247	.12639	.15070	-.01905	.00801

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42616	--	--	--	--	--	--
SDev	628.6179	--	--	--	--	--	--
%RSD	1.475092	--	--	--	--	--	--

```
 #1      42171     --        --        --        --        --        --
 #2      43060     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-52645-c-4-c ms     Operator: DCL
Run Time: 03/28/12 13:36:19
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    216.27    .35095    1.0908    2.1997    .47321    .80296    .50121
 SDev      1.48    .00753     .0033     .0132    .00257    .00583    .00306
 %RSD    .68244    2.1462    .29989    .60219    .54270    .72634    .61055

 #1      215.22    .34563    1.0885    2.1903    .47139    .79884    .49905
 #2      217.31    .35628    1.0931    2.2090    .47502    .80709    .50337

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    24.907    1.2840    .97956    1.0464    323.83    .60797    1.1079
 SDev      .145     .0074    .00408     .0068      2.01    .00419     .0076
 %RSD    .58172    .57909    .41641    .64611    .61967    .68914    .68322

 #1      24.805    1.2787    .97667    1.0416    322.41    .60501    1.1026
 #2      25.010    1.2892    .98244    1.0512    325.25    .61094    1.1133

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .88103    16.005    1.3768    .93722    1.0809    17.637    3.4142
 SDev    .00498      .093     .0079    .00719     .0052      .117     .0222
 %RSD    .56545    .57838    .57406    .76722    .47812    .66257    .64894

Analysis Report                          03/28/12 01:40:07 PM          page 9


 #1      .87751    15.939    1.3712    .93214    1.0773    17.555    3.3985
 #2      .88456    16.070    1.3824    .94230    1.0846    17.720    3.4299

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .49376    46.754    44.496    1.2423    1.0770    .92838    .85938
 SDev    .00293      .419      .319     .0075     .0105    .00714    .00566
 %RSD    .59271    .89653    .71706    .60238    .97153    .76956    .65880

 #1      .49170    46.458    44.270    1.2370    1.0696    .92333    .85538
 #2      .49583    47.050    44.722    1.2476    1.0844    .93343    .86338

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.5380    1.1712    1.0359    1.1439    .83317    .90497
 SDev     .0093     .0219     .0043     .0092    .00055    .00775
 %RSD    .60466    1.8685    .41891    .80289    .06621    .85623

 #1      1.5314    1.1557    1.0329    1.1374    .83356    .89949
 #2      1.5445    1.1866    1.0390    1.1504    .83278    .91044

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    42051     --        --        --        --        --        --
 SDev    101.8234  --        --        --        --        --        --
```

%RSD	.2421426	--	--	--	--	--	--
#1	42123	--	--	--	--	--	--
#2	41979	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-4-d msd Operator: DCL
Run Time: 03/28/12 13:40:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.38	.37330	1.1676	2.1042	.46307	.79176	.48271
SDev	.74	.00048	.0066	.0084	.00216	.00166	.00194
%RSD	.33918	.12799	.56642	.39908	.46716	.20925	.40230
#1	217.90	.37364	1.1723	2.1101	.46460	.79293	.48408
#2	216.85	.37297	1.1630	2.0983	.46154	.79059	.48134

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.685	1.1752	.95098	1.0431	429.25	.58880	1.1974
SDev	.077	.0051	.00424	.0040	1.74	.00192	.0067
%RSD	.32487	.43089	.44593	.38127	.40586	.32678	.55547
#1	23.740	1.1788	.95398	1.0459	430.48	.59016	1.2021
#2	23.631	1.1717	.94798	1.0403	428.01	.58744	1.1927

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.87924	15.063	1.3188	.92188	1.0400	16.818	3.4765
SDev	.00299	.073	.0054	.00556	.0048	.105	.0127
%RSD	.33987	.48192	.40791	.60362	.46124	.62167	.36619
#1	.88135	15.114	1.3226	.92582	1.0434	16.892	3.4855
#2	.87713	15.012	1.3150	.91795	1.0366	16.744	3.4675

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48073	42.703	41.339	1.1860	1.0503	.90722	1.1089
SDev	.00134	.096	.120	.0048	.0025	.00927	.0046
%RSD	.27964	.22405	.28909	.40586	.24125	1.0213	.41105
#1	.48168	42.770	41.424	1.1894	1.0485	.91377	1.1122
#2	.47978	42.635	41.255	1.1826	1.0521	.90067	1.1057

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5491	1.0678	1.1149	1.2387	.82588	.90592
SDev	.0069	.0033	.0054	.0073	.00736	.00080
%RSD	.44462	.31331	.48387	.58769	.89119	.08857
#1	1.5539	1.0702	1.1187	1.2439	.83109	.90648
#2	1.5442	1.0654	1.1110	1.2336	.82068	.90535

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	42440	--	--	--	--	--	--
SDev	191.6259	--	--	--	--	--	--
%RSD	.4515273	--	--	--	--	--	--
#1	42304	--	--	--	--	--	--
#2	42575	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52645-c-5-a Operator: DCL
Run Time: 03/28/12 13:44:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.570	.02081	.17284	.34018	.01989	.03515	-.02079
SDev	.055	.00235	.00364	.00006	.00000	.00059	.00002
%RSD	.08371	11.275	2.1031	.01861	.00368	1.6690	.10499
#1	65.531	.02246	.17027	.34022	.01989	.03556	-.02077
#2	65.608	.01915	.17541	.34013	.01989	.03473	-.02080

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1783	.79793	.06511	.15638	552.12	.01371	.22128
SDev	.0187	.00038	.00005	.00019	.24	.00002	.00033
%RSD	.36174	.04771	.08296	.12477	.04418	.13750	.15057

#1	5.1650	.79820	.06515	.15624	551.95	.01369	.22104
#2	5.1915	.79766	.06508	.15652	552.29	.01372	.22151

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00907	2.1853	1.7297	.01636	.17437	1.1375	2.8046
SDev	.00179	.0018	.0005	.00010	.00024	.0089	.0016
%RSD	19.686	.08310	.03047	.61593	.13888	.77990	.05799
#1	-.01033	2.1840	1.7293	.01629	.17454	1.1313	2.8035
#2	-.00781	2.1866	1.7300	.01643	.17419	1.1438	2.8058

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00361	12.726	12.248	.28547	.02075	.02931	.37706
SDev	.00014	.088	.013	.00002	.00192	.00035	.00045
%RSD	4.0033	.69060	.10621	.00600	9.2746	1.2087	.11897
#1	-.00351	12.664	12.239	.28546	.02211	.02906	.37738
#2	-.00371	12.788	12.257	.28548	.01939	.02956	.37674

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3935	.09386	.19981	.23201	-.03000	.00140
SDev	.0001	.00280	.00068	.00084	.00395	.00466
%RSD	.00549	2.9789	.34230	.36280	13.181	333.17
#1	1.3935	.09188	.20030	.23141	-.02720	-.00189
#2	1.3936	.09584	.19933	.23260	-.03280	.00469

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44874	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.0835162	--	--	--	--	--	--
#1	44847	--	--	--	--	--	--
#2	44900	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 13:47:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5022	.53552	.52249	.53164	.48299	.51913	.54883
SDev	.0169	.00219	.00368	.00350	.00309	.00179	.00314
%RSD	.67442	.40855	.70392	.65912	.64042	.34404	.57238
#1	2.5141	.53707	.52509	.53412	.48517	.52040	.55105
#2	2.4903	.53397	.51988	.52917	.48080	.51787	.54661

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.707	.49117	.49221	.48015	2.6631	.48540	.51598
SDev	.079	.00296	.00393	.00362	.0130	.00305	.00275
%RSD	.62061	.60306	.79861	.75360	.48962	.62824	.53357
#1	12.763	.49326	.49499	.48270	2.6723	.48756	.51792
#2	12.651	.48907	.48943	.47759	2.6539	.48325	.51403

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51685	4.9706	.49569	.52125	.52837	12.890	.95033
SDev	.00479	.0204	.00324	.00129	.00398	.023	.00626
%RSD	.92694	.41087	.65312	.24776	.75350	.17928	.65905
#1	.52024	4.9851	.49798	.52033	.53119	12.906	.95475
#2	.51346	4.9562	.49340	.52216	.52556	12.873	.94590

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24988	12.769	12.435	.26684	.56107	.51004	.51598
SDev	.00169	.162	.094	.00148	.00075	.00453	.00311
%RSD	.67806	1.2697	.75608	.55506	.13397	.88869	.60357
#1	.25107	12.884	12.501	.26789	.56160	.51325	.51818
#2	.24868	12.654	12.368	.26580	.56054	.50684	.51377

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49881	.53758	.48282	.53255	.48157	.53455
SDev	.00273	.00282	.00345	.00240	.01114	.00162
%RSD	.54676	.52457	.71547	.45110	2.3130	.30254
#1	.50074	.53958	.48526	.53425	.48945	.53569

#2	.49688	.53559	.48038	.53086	.47370	.53340	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39511	--	--	--	--	--	--
SDev	292.7422	--	--	--	--	--	--
%RSD	.7409132	--	--	--	--	--	--
#1	39718	--	--	--	--	--	--
#2	39304	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 13:51:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07925	.00514	.00357	.00021	-.00074	-.00142	-.00021
SDev	.00028	.00038	.00031	.00003	.00002	.00022	.00007

%RSD	.34960	7.4633	8.7084	13.359	2.0886	15.227	34.238
#1	.07945	.00541	.00379	.00019	-.00073	-.00158	-.00026
#2	.07905	.00487	.00335	.00023	-.00075	-.00127	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01126	.00084	-.00053	-.00183	-.00968	.00040	.00109
SDev	.00080	.00032	.00049	.00012	.01461	.00002	.00009
%RSD	7.0902	38.210	91.505	6.5942	151.01	4.3037	8.6227
#1	-.01182	.00061	-.00088	-.00192	-.02001	.00042	.00103
#2	-.01069	.00107	-.00019	-.00174	.00066	.00039	.00116

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.02459	.00019	.00198	-.00023	.15359	-.00449
SDev	.00144	.00167	.00002	.00068	.00046	.00285	.00056
%RSD	3851.2	6.7763	9.9037	34.216	200.54	1.8551	12.475
#1	.00105	.02577	.00020	.00246	-.00055	.15158	-.00489
#2	-.00098	.02341	.00017	.00150	.00010	.15561	-.00410

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	-.09622	.02034	.00010	.00338	.00177	.00050
SDev	.00054	.15738	.00018	.00002	.00041	.00034	.00006
%RSD	137.44	163.56	.88015	22.356	12.068	19.260	11.394
#1	-.00078	-.20750	.02047	.00008	.00309	.00153	.00054
#2	-.00001	.01506	.02021	.00011	.00367	.00201	.00046

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.00027	-.00117	.00222	-.00435	.00223
SDev	.00018	.00015	.00147	.00059	.00393	.00019

%RSD	15.813	56.781	125.79	26.664	90.266	8.5037
#1	.00104	.00016	-.00220	.00264	-.00157	.00237
#2	.00130	.00038	-.00013	.00180	-.00713	.00210

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40014	--	--	--	--	--	--
SDev	98.99495	--	--	--	--	--	--
%RSD	.2474008	--	--	--	--	--	--
#1	40084	--	--	--	--	--	--
#2	39944	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52347-a-1-b Operator: DCL
Run Time: 03/28/12 13:55:34
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08421	.00256	.00644	.00067	-.00062	-.00264	-.00010
SDev	.00133	.00037	.00040	.00003	.00000	.00055	.00007
%RSD	1.5819	14.567	6.1495	5.1348	.10738	20.876	75.294
#1	.08515	.00282	.00616	.00065	-.00063	-.00303	-.00015
#2	.08327	.00230	.00672	.00070	-.00062	-.00225	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34108	.00062	.00003	.00156	.04168	.00006	.00132
SDev	.00403	.00002	.00024	.00017	.00151	.00006	.00002
%RSD	1.1805	2.3975	815.51	11.054	3.6262	97.338	1.3029
#1	.34393	.00061	.00020	.00143	.04275	.00010	.00131
#2	.33824	.00063	-.00014	.00168	.04061	.00002	.00134

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00656	.00568	.00033	.00381	.04838	.06602	-.00342
SDev	.00043	.00197	.00000	.00051	.00015	.01505	.00041
%RSD	6.5839	34.636	.21379	13.440	.31102	22.796	11.855
#1	.00625	.00707	.00033	.00418	.04849	.07666	-.00371
#2	.00686	.00429	.00033	.00345	.04827	.05537	-.00314

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	.05395	.09663	.00026	-.00671	.02484	.00052
SDev	.00002	.02186	.00233	.00001	.00217	.00016	.00004
%RSD	6.3159	40.514	2.4104	1.9309	32.365	.63158	7.2434
#1	-.00033	.06940	.09827	.00025	-.00517	.02473	.00049
#2	-.00036	.03849	.09498	.00026	-.00825	.02495	.00054

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41980	.02182	.00037	.00180	.00437	.00765
SDev	.00111	.00018	.00009	.00002	.00417	.00144
%RSD	.26485	.83865	24.992	1.1020	95.391	18.797
#1	.42059	.02195	.00030	.00182	.00142	.00867
#2	.41901	.02169	.00043	.00179	.00732	.00663

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40472	--	--	--	--	--	--
SDev	94.75231	--	--	--	--	--	--
%RSD	.2341182	--	--	--	--	--	--
#1	40405	--	--	--	--	--	--
#2	40539	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52576-a-1-e Operator: DCL
Run Time: 03/28/12 14:02:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	169.80	.00856	.07632	2.3604	.01161	.05638	-.00529
SDev	.21	.00249	.00240	.0042	.00001	.00056	.00020
%RSD	.12490	29.071	3.1506	.17618	.08307	.98611	3.7521
#1	169.95	.01032	.07802	2.3633	.01162	.05599	-.00515
#2	169.65	.00680	.07462	2.3575	.01160	.05677	-.00543

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1189.2	.27056	.11852	.19252	237.24	.21967	.26582
SDev	2.5	.00029	.00075	.00140	.44	.00032	.00066
%RSD	.21074	.10726	.63622	.72608	.18674	.14678	.24874
#1	1191.0	.27077	.11905	.19351	237.56	.21990	.26629
#2	1187.5	.27036	.11799	.19154	236.93	.21944	.26536

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01655	70.275	5.9344	.02158	.24765	35.720	2.7650
SDev	.00412	.088	.0090	.00008	.00213	.044	.0026
%RSD	24.909	.12547	.15209	.36719	.86050	.12338	.09387
#1	-.01946	70.338	5.9408	.02164	.24915	35.751	2.7668
#2	-.01363	70.213	5.9281	.02153	.24614	35.689	2.7631

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00372	6.9707	7.8289	1.6716	.00728	.03369	.27837
SDev	.00061	.1601	.0211	.0027	.00150	.00171	.00070

%RSD	16.520	2.2966	.27001	.16174	20.614	5.0863	.25129
#1	-.00328	7.0839	7.8438	1.6736	.00834	.03490	.27887
#2	-.00415	6.8575	7.8139	1.6697	.00622	.03248	.27788
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.40598	1.0996	.23879	.27934	-.02167	-.01399	
SDev	.00064	.0011	.00166	.00016	.00484	.00376	
%RSD	.15743	.10215	.69463	.05816	22.346	26.894	
#1	.40643	1.1004	.23996	.27946	-.02509	-.01665	
#2	.40553	1.0988	.23762	.27923	-.01824	-.01133	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39608	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.1731727	--	--	--	--	--	--

#1	39559	--	--	--	--	--	--
#2	39656	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52576-a-1-f du Operator: DCL
Run Time: 03/28/12 14:06:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	167.66	.00586	.05825	2.4834	.01077	.05775	-.00419
SDev	.27	.00120	.00287	.0038	.00000	.00019	.00011
%RSD	.15931	20.478	4.9210	.15487	.02261	.33229	2.6774
#1	167.85	.00671	.06028	2.4861	.01077	.05788	-.00427
#2	167.47	.00501	.05623	2.4807	.01077	.05761	-.00411

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1264.4	.26368	.12015	.17372	211.96	.23460	.27430
SDev	3.6	.00057	.00064	.00004	.57	.00031	.00150
%RSD	.28748	.21704	.53402	.02329	.26810	.13183	.54747
#1	1267.0	.26409	.12061	.17375	212.36	.23481	.27536
#2	1261.8	.26328	.11970	.17369	211.56	.23438	.27323

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01677	76.455	6.4920	.00531	.24394	38.163	3.0541
SDev	.00501	.154	.0129	.00085	.00090	.121	.0060
%RSD	29.891	.20127	.19824	15.985	.36842	.31718	.19515
#1	-.01323	76.563	6.5011	.00591	.24457	38.248	3.0583
#2	-.02032	76.346	6.4829	.00471	.24330	38.077	3.0499

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00364	7.0762	8.0797	1.8590	.00889	.03091	.27160
SDev	.00035	.0546	.0267	.0032	.00032	.00010	.00083
%RSD	9.4876	.77117	.33041	.17210	3.6390	.33281	.30477
#1	-.00340	7.0376	8.0986	1.8613	.00867	.03098	.27219
#2	-.00389	7.1148	8.0608	1.8568	.00912	.03084	.27102

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34645	.94988	.24654	.28817	-.02215	-.01409
SDev	.00087	.00078	.00310	.00070	.00744	.00380
%RSD	.24987	.08255	1.2577	.24363	33.601	26.973
#1	.34706	.95043	.24874	.28867	-.01689	-.01140
#2	.34583	.94932	.24435	.28767	-.02741	-.01677

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39768	--	--	--	--	--	--
SDev	113.1371	--	--	--	--	--	--
%RSD	.2844928	--	--	--	--	--	--
#1	39688	--	--	--	--	--	--
#2	39848	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52576-a-1-g ms Operator: DCL
Run Time: 03/28/12 14:09:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	239.10	.29379	.95874	3.5944	.43063	.61561	.43040
SDev	.42	.00184	.00059	.0053	.00033	.00236	.00090
%RSD	.17743	.62729	.06152	.14811	.07710	.38384	.20868
#1	239.40	.29249	.95833	3.5982	.43086	.61729	.43103
#2	238.80	.29510	.95916	3.5907	.43039	.61394	.42976

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1236.0	1.0985	.96212	1.0800	226.22	.77189	1.2295
SDev	2.5	.0013	.00128	.0002	.37	.00144	.0002
%RSD	.20472	.11878	.13318	.02282	.16143	.18701	.01932
#1	1237.8	1.0994	.96303	1.0801	226.48	.77291	1.2296
#2	1234.3	1.0976	.96122	1.0798	225.97	.77087	1.2293

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82076	77.336	9.1531	.77644	1.0622	53.592	3.6734
SDev	.00434	.076	.0126	.00129	.0036	.081	.0033
%RSD	.52896	.09847	.13743	.16610	.34214	.15063	.08897
#1	.81769	77.390	9.1620	.77553	1.0647	53.649	3.6757

#2	.82383	77.282	9.1442	.77735	1.0596	53.535	3.6711
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48757	19.347	21.479	2.3822	.95780	.77230	.39172
SDev	.00015	.090	.031	.0035	.00237	.00060	.00044
%RSD	.03125	.46383	.14238	.14692	.24748	.07737	.11341
#1	.48768	19.410	21.500	2.3847	.95948	.77188	.39204
#2	.48746	19.283	21.457	2.3798	.95613	.77273	.39141

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2249	2.1017	1.1420	1.2732	.77866	.84181
SDev	.0018	.0027	.0024	.0008	.00220	.00762
%RSD	.14820	.12685	.20656	.06465	.28314	.90455
#1	1.2262	2.1036	1.1437	1.2726	.78022	.83642

#2	1.2236	2.0998	1.1404	1.2738	.77710	.84719

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40846	--	--	--	--	--	--
SDev	150.6137	--	--	--	--	--	--
%RSD	.3687401	--	--	--	--	--	--
#1	40739	--	--	--	--	--	--
#2	40952	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52576-a-1-h msd Operator: DCL
Run Time: 03/28/12 14:13:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	234.21	.28379	.97025	3.8712	.42403	.62434	.42297
SDev	.24	.00166	.00629	.0041	.00088	.00132	.00073
%RSD	.10377	.58502	.64861	.10550	.20657	.21152	.17252
#1	234.38	.28262	.97470	3.8741	.42465	.62527	.42349
#2	234.04	.28497	.96580	3.8683	.42341	.62340	.42245

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1464.3	1.0767	.94845	1.0908	236.60	.78353	1.1134
SDev	3.8	.0021	.00229	.0002	.61	.00017	.0032
%RSD	.25928	.19624	.24164	.02018	.25685	.02234	.29009
#1	1467.0	1.0782	.95007	1.0910	237.03	.78340	1.1112
#2	1461.6	1.0752	.94683	1.0907	236.17	.78365	1.1157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81051	87.287	10.498	.76357	1.0587	61.093	3.9193
SDev	.00049	.169	.021	.00216	.0030	.013	.0029
%RSD	.06081	.19339	.20223	.28239	.28514	.02189	.07320

#1	.81086	87.406	10.513	.76510	1.0608	61.084	3.9213
#2	.81016	87.167	10.483	.76205	1.0566	61.103	3.9173

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48905	19.569	21.948	2.6055	.94106	.75861	.37087
SDev	.00090	.110	.003	.0027	.00185	.00167	.00109
%RSD	.18319	.56257	.01486	.10285	.19691	.22019	.29296
#1	.48968	19.647	21.951	2.6074	.93975	.75980	.37164
#2	.48841	19.491	21.946	2.6036	.94237	.75743	.37010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2256	1.7432	1.0319	1.1542	.77265	.82944

SDev	.0015	.0033	.0008	.0052	.01613	.00733
%RSD	.12262	.18784	.07657	.45400	2.0878	.88330
#1	1.2267	1.7455	1.0325	1.1505	.78406	.82426
#2	1.2245	1.7409	1.0314	1.1579	.76124	.83462

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39940	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1009154	--	--	--	--	--	--
#1	39911	--	--	--	--	--	--
#2	39968	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52577-b-1-b Operator: DCL
Run Time: 03/28/12 14:17:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.119	.00854	.04799	1.3021	.00639	.03597	-.00184
SDev	.025	.00098	.00088	.0021	.00002	.00059	.00004
%RSD	.05488	11.450	1.8404	.16095	.27755	1.6444	2.1315
#1	46.137	.00923	.04861	1.3036	.00641	.03639	-.00181
#2	46.101	.00785	.04736	1.3007	.00638	.03556	-.00187

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	269.52	.07543	.14993	.31302	76.950	.03586	.13240
SDev	.60	.00013	.00046	.00080	.181	.00003	.00101
%RSD	.22323	.17267	.30791	.25650	.23559	.07817	.76387
#1	269.95	.07552	.15026	.31359	77.078	.03588	.13311
#2	269.10	.07534	.14961	.31246	76.822	.03584	.13168

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00267	14.017	1.7994	.00935	.08172	7.5083	3.2173

SDev	.00131	.038	.0037	.00039	.00010	.0112	.0013
%RSD	48.968	.26803	.20571	4.2071	.12457	.14861	.04072
#1	-.00175	14.043	1.8020	.00963	.08165	7.5162	3.2182
#2	-.00359	13.990	1.7968	.00907	.08179	7.5004	3.2163

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00219	9.9477	10.066	.46349	.00365	.03978	.28935
SDev	.00029	.1075	.004	.00061	.00239	.00090	.00059
%RSD	13.105	1.0804	.03968	.13257	65.591	2.2713	.20291
#1	-.00239	10.024	10.063	.46392	.00534	.04041	.28976
#2	-.00198	9.8717	10.069	.46305	.00196	.03914	.28893

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13749	.43197	.12037	.13841	-.01367	.00283
SDev	.00039	.00070	.00038	.00171	.00002	.00197
%RSD	.28105	.16287	.31412	1.2326	.16228	69.676
#1	.13776	.43246	.12010	.13962	-.01369	.00423
#2	.13722	.43147	.12064	.13720	-.01366	.00144

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42701	--	--	--	--	--	--
SDev	28.28427	--	--	--	--	--	--
%RSD	.0662380	--	--	--	--	--	--
#1	42721	--	--	--	--	--	--
#2	42681	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52577-b-2-c Operator: DCL
Run Time: 03/28/12 14:21:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.868	.00536	.04117	1.8837	.00523	.03208	-.00189
SDev	.186	.00133	.00230	.0039	.00003	.00025	.00003
%RSD	.25851	24.774	5.5884	.20778	.61063	.78318	1.5926
#1	71.999	.00442	.03955	1.8864	.00525	.03226	-.00191
#2	71.737	.00630	.04280	1.8809	.00520	.03190	-.00187

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	932.72	.10457	.07023	.08295	99.546	.09617	.10901
SDev	2.25	.00039	.00019	.00007	.276	.00023	.00056
%RSD	.24079	.37208	.26807	.08485	.27717	.24284	.51067
#1	934.30	.10484	.07037	.08300	99.741	.09634	.10940
#2	931.13	.10429	.07010	.08290	99.351	.09601	.10861

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00946	33.435	3.4755	.00404	.12787	16.763	2.5524
SDev	.00046	.094	.0076	.00015	.00014	.058	.0088
%RSD	4.8363	.28078	.21743	3.7495	.11111	.34500	.34495
#1	-.00913	33.501	3.4809	.00414	.12797	16.803	2.5586
#2	-.00978	33.368	3.4702	.00393	.12777	16.722	2.5462

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00245	2.8090	3.5592	.44887	.00140	.02542	.42306
SDev	.00012	.0791	.0127	.00070	.00143	.00213	.00076

%RSD	4.9197	2.8149	.35703	.15632	101.95	8.3780	.18005
#1	-.00253	2.8649	3.5682	.44936	.00241	.02693	.42360
#2	-.00236	2.7531	3.5502	.44837	.00039	.02392	.42252

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17402	.26841	.09705	.11499	-.01610	-.00614
SDev	.00077	.00029	.00121	.00023	.00002	.00068
%RSD	.44127	.10692	1.2499	.19867	.12175	11.018
#1	.17457	.26862	.09791	.11515	-.01608	-.00566
#2	.17348	.26821	.09620	.11482	-.01611	-.00662

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41186	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.1940031	--	--	--	--	--	--
#1	41130	--	--	--	--	--	--
#2	41243	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52642-a-1-a@10 Operator: DCL
Run Time: 03/28/12 14:25:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6519	.00191	.00556	9.0193	-.00062	-.00292	-.00045
SDev	.0074	.00211	.00233	.0484	.00000	.00062	.00013
%RSD	.44608	110.56	41.980	.53694	.39658	21.301	29.384
#1	1.6571	.00042	.00721	9.0535	-.00062	-.00336	-.00054
#2	1.6467	.00340	.00391	8.9850	-.00062	-.00248	-.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.419	.00302	.00335	.01252	7.5607	.00286	.01067
SDev	.165	.00038	.00046	.00013	.0009	.00006	.00076
%RSD	.23110	12.435	13.766	1.0707	.01249	2.0414	7.1161
#1	71.536	.00275	.00302	.01262	7.5600	.00282	.01014
#2	71.303	.00328	.00368	.01243	7.5613	.00290	.01121

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	1.9865	.22326	.00098	.00305	.51706	.15396
SDev	.00056	.0010	.00074	.00046	.00037	.04409	.00287
%RSD	31.885	.05194	.32994	46.604	12.021	8.5266	1.8643
#1	.00135	1.9872	.22378	.00130	.00330	.48589	.15599
#2	.00214	1.9857	.22274	.00066	.00279	.54824	.15193

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	.68995	.95606	.47290	-.00203	.00448	.21857
SDev	.00087	.08332	.00887	.00189	.00147	.00258	.00040
%RSD	202.64	12.076	.92834	.39904	72.320	57.636	.18480
#1	-.00104	.63103	.96234	.47423	-.00307	.00630	.21886
#2	.00019	.74887	.94978	.47156	-.00099	.00265	.21829

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00407	.01485	.01150	.01026	-.00754	.00639
SDev	.00014	.00002	.00175	.00027	.00049	.00059
%RSD	3.5406	.12026	15.187	2.5936	6.4334	9.2761
#1	.00397	.01486	.01026	.01007	-.00789	.00597
#2	.00417	.01484	.01273	.01045	-.00720	.00681

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38998	--	--	--	--	--	--
SDev	195.8686	--	--	--	--	--	--
%RSD	.5022464	--	--	--	--	--	--
#1	39137	--	--	--	--	--	--
#2	38860	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52642-a-2-a@10 Operator: DCL
Run Time: 03/28/12 14:29:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06823	.00170	.00247	.00171	-.00076	.01876	-.00015
SDev	.00239	.00228	.00025	.00007	.00000	.00014	.00001
%RSD	3.5104	134.20	9.9481	4.1855	.59537	.76945	7.0163
#1	.06654	.00332	.00264	.00166	-.00076	.01887	-.00016
#2	.06992	.00009	.00230	.00176	-.00076	.01866	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07895	.00024	-.00050	-.00122	-.00441	.00088	.00094
SDev	.00653	.00002	.00019	.00012	.00774	.00002	.00119
%RSD	8.2652	6.5567	37.740	9.7123	175.49	2.6917	127.56

#1	.07434	.00023	-.00064	-.00113	-.00988	.00090	.00009
#2	.08357	.00025	-.00037	-.00130	.00106	.00086	.00178

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.00742	.00021	.00055	-.00089	.05771	-.00560
SDev	.00128	.00299	.00006	.00019	.00025	.01628	.00115
%RSD	194.19	40.275	26.407	34.241	28.279	28.201	20.500

Analysis Report 03/28/12 02:32:56 PM page 9

#1	.00157	.00953	.00017	.00069	-.00071	.06922	-.00478
#2	-.00025	.00530	.00025	.00042	-.00106	.04620	-.00641

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	-.12468	.02173	.00031	-.00215	.00356	.00021
SDev	.00052	.15196	.00254	.00001	.00303	.00094	.00002
%RSD	96.184	121.88	11.682	3.3200	141.26	26.409	11.497

#1	-.00090	-.23213	.02352	.00030	-.00000	.00423	.00023
#2	-.00017	-.01723	.01993	.00031	-.00429	.00290	.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00563	.00111	.00085	-.00551	.00374
SDev	.00019	.00025	.00037	.00161	.00231	.00308
%RSD	43.033	4.3821	33.334	188.93	41.965	82.256

#1	.00058	.00546	.00085	-.00029	-.00714	.00592
#2	.00031	.00581	.00137	.00199	-.00387	.00157

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40410	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.2117322	--	--	--	--	--	--

#1	40349	--	--	--	--	--	--
#2	40470	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52642-a-3-a@10 Operator: DCL
Run Time: 03/28/12 14:33:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67121	.00286	.01301	8.1810	-.00058	-.00322	-.00058
SDev	.00150	.00433	.00223	.0215	.00002	.00003	.00008
%RSD	.22323	151.62	17.113	.26253	3.8271	.84992	13.689

#1	.67015	-.00021	.01143	8.1962	-.00059	-.00320	-.00052
#2	.67227	.00592	.01458	8.1659	-.00056	-.00324	-.00063

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7211	.00228	.00354	.01128	18.327	.00145	.00854
SDev	.0011	.00028	.00011	.00040	.024	.00004	.00066

%RSD	.02381	12.286	3.0755	3.5924	.13352	2.7193	7.7291
#1	4.7203	.00208	.00362	.01099	18.344	.00142	.00901
#2	4.7219	.00248	.00346	.01156	18.310	.00148	.00808

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 03/28/12 02:36:48 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	6.3453	.15599	.00107	.00289	.39587	.19270
SDev	.00023	.0006	.00005	.00024	.00027	.02573	.00224
%RSD	41.490	.00920	.03146	22.368	9.4194	6.4986	1.1615
#1	-.00073	6.3457	.15596	.00090	.00309	.37768	.19112
#2	-.00040	6.3449	.15602	.00124	.00270	.41406	.19428

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00315	.07921	2.1548	-.00105	.00363	.01761
SDev	.00041	.11314	.00164	.0071	.00012	.00041	.00015
%RSD	305.53	3593.6	2.0718	.32948	11.133	11.170	.82618
#1	.00043	.08315	.07805	2.1598	-.00097	.00392	.01751
#2	-.00016	-.07686	.08037	2.1498	-.00114	.00335	.01772

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00448	.43900	.00927	.00818	-.00157	-.00006
SDev	.00046	.00018	.00327	.00064	.00452	.00261
%RSD	10.245	.04044	35.220	7.8596	288.68	4381.2
#1	.00415	.43913	.01158	.00772	.00163	-.00190
#2	.00480	.43887	.00696	.00863	-.00476	.00178

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39058	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.0814691	--	--	--	--	--	--
#1	39080	--	--	--	--	--	--
#2	39035	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 14:36:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4567	.52216	.51029	.52336	.47448	.50655	.53520
SDev	.0142	.00195	.00336	.00136	.00052	.00200	.00005
%RSD	.57918	.37277	.65808	.25948	.10888	.39398	.00852
#1	2.4668	.52078	.51267	.52432	.47485	.50796	.53516
#2	2.4466	.52353	.50792	.52240	.47411	.50514	.53523

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.478	.48312	.48205	.47361	2.6122	.48359	.50236
SDev	.024	.00090	.00064	.00164	.0004	.00243	.00137
%RSD	.18946	.18652	.13327	.34660	.01613	.50278	.27365

Analysis Report 03/28/12 02:40:39 PM page 11

#1	12.495	.48375	.48251	.47477	2.6119	.48531	.50139
#2	12.462	.48248	.48160	.47245	2.6125	.48187	.50333

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49768	4.8948	.48583	.51063	.52110	12.989	.92844
SDev	.00681	.0035	.00095	.00072	.00291	.020	.00179
%RSD	1.3685	.07127	.19553	.14169	.55759	.15324	.19272
#1	.49286	4.8973	.48650	.51011	.52316	13.003	.92971
#2	.50249	4.8924	.48516	.51114	.51905	12.975	.92718

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24736	12.779	12.387	.26255	.54667	.49916	.50731
SDev	.00031	.141	.110	.00042	.00591	.00102	.00107
%RSD	.12649	1.1070	.88581	.16128	1.0810	.20356	.21134
#1	.24758	12.879	12.464	.26285	.54249	.49844	.50807
#2	.24713	12.679	12.309	.26225	.55085	.49988	.50655

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49092	.52875	.46882	.51913	.46631	.51342
SDev	.00024	.00106	.00374	.00019	.00679	.00682
%RSD	.04985	.20113	.79830	.03675	1.4551	1.3290
#1	.49109	.52950	.46617	.51899	.46151	.50859
#2	.49075	.52799	.47147	.51926	.47110	.51824

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38751	--	--	--	--	--	--
SDev	203.6468	--	--	--	--	--	--
%RSD	.5255265	--	--	--	--	--	--
#1	38895	--	--	--	--	--	--
#2	38607	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 14:40:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07283	.00461	.00468	.00031	-.00074	-.00344	-.00010
SDev	.00187	.00248	.00104	.00007	.00004	.00098	.00002
%RSD	2.5626	53.890	22.168	22.676	5.5630	28.444	23.480
#1	.07415	.00636	.00395	.00036	-.00071	-.00275	-.00011

#2	.07151	.00285	.00541	.00026	-.00077	-.00413	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00812	.00117	-.00019	-.00138	.00329	.00066	.00091
SDev	.00259	.00040	.00008	.00024	.00072	.00005	.00072
%RSD	31.885	34.305	43.369	17.509	21.782	8.0334	78.349
#1	-.00994	.00146	-.00013	-.00121	.00380	.00070	.00041
#2	-.00629	.00089	-.00025	-.00155	.00278	.00063	.00142

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00253	.04246	.00019	.00199	-.00030	.32690	-.00406
SDev	.00123	.00447	.00006	.00087	.00003	.03304	.00300
%RSD	48.726	10.531	30.787	43.599	11.545	10.106	73.862
#1	.00340	.04563	.00024	.00260	-.00033	.35026	-.00194
#2	.00166	.03930	.00015	.00138	-.00028	.30354	-.00618

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	-.04468	.02499	.00011	.00255	.00092	.00065
SDev	.00017	.02267	.00243	.00000	.00142	.00049	.00013
%RSD	80.511	50.738	9.7080	3.3038	55.783	52.769	20.230
#1	-.00034	-.02865	.02671	.00011	.00355	.00127	.00074
#2	-.00009	-.06071	.02328	.00011	.00154	.00058	.00055

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	.00059	-.00261	.00267	-.00561	.00660
SDev	.00028	.00005	.00077	.00069	.00556	.00093
%RSD	16.930	8.4148	29.549	25.793	99.252	14.139
#1	.00182	.00062	-.00315	.00219	-.00167	.00594
#2	.00143	.00055	-.00206	.00316	-.00954	.00726

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38444	--	--	--	--	--	--
SDev	106.7731	--	--	--	--	--	--
%RSD	.2777404	--	--	--	--	--	--
#1	38368	--	--	--	--	--	--
#2	38519	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52643-a-1-a@10 Operator: DCL
Run Time: 03/28/12 14:44:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13406	-.00065	.00437	.05743	-.00079	-.00547	-.00019
SDev	.00207	.00277	.00063	.00017	.00000	.00106	.00024

Analysis Report 03/28/12 02:48:22 PM page 13

%RSD	1.5412	423.92	14.414	.29898	.44853	19.336	121.62
#1	.13260	-.00261	.00481	.05755	-.00079	-.00622	-.00036
#2	.13552	.00130	.00392	.05731	-.00079	-.00472	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45193	.00041	-.00019	.01405	.15198	.00041	.00140
SDev	.00144	.00013	.00022	.00005	.01916	.00002	.00029
%RSD	.31867	31.067	116.50	.37068	12.607	5.2771	20.739
#1	.45294	.00032	-.00034	.01401	.13843	.00042	.00160
#2	.45091	.00050	-.00003	.01409	.16553	.00039	.00119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00225	1.2635	.01256	.00076	-.00008	.04748	.15275
SDev	.00260	.0023	.00007	.00045	.00034	.00504	.00072
%RSD	115.41	.17861	.59845	58.723	416.77	10.603	.47034
#1	.00409	1.2650	.01261	.00108	-.00032	.05104	.15326
#2	.00041	1.2619	.01251	.00045	.00016	.04392	.15224

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.07568	.02180	.00131	-.00451	.00394	.00031
SDev	.00031	.21923	.00106	.00001	.00038	.00006	.00019
%RSD	1082.1	289.69	4.8594	.92263	8.5311	1.6596	60.484
#1	-.00025	-.23070	.02255	.00130	-.00424	.00398	.00018
#2	.00019	.07934	.02105	.00132	-.00478	.00389	.00044

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.01694	.00106	.00157	-.00033	.00354
SDev	.00025	.00013	.00139	.00026	.00080	.00349
%RSD	29.213	.78567	131.89	16.663	241.87	98.732
#1	.00067	.01685	.00204	.00138	.00023	.00601
#2	.00102	.01703	.00007	.00175	-.00090	.00107

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39906	--	--	--	--	--	--
SDev	117.3797	--	--	--	--	--	--
%RSD	.2941406	--	--	--	--	--	--
#1	39823	--	--	--	--	--	--
#2	39989	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52643-a-2-a@10 Operator: DCL
Run Time: 03/28/12 14:48:25
Comment: TRACE 61E

Analysis Report 03/28/12 02:52:13 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12840	-.00081	.00483	.00276	-.00078	-.00517	-.00019
SDev	.00043	.00058	.00003	.00010	.00001	.00006	.00011
%RSD	.33656	71.548	.65431	3.6722	1.1872	1.2380	55.049
#1	.12809	-.00040	.00485	.00269	-.00079	-.00522	-.00027
#2	.12870	-.00122	.00481	.00283	-.00077	-.00513	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49594	.00034	-.00024	.00615	.21158	.00045	.00167
SDev	.00142	.00000	.00030	.00028	.01219	.00002	.00047
%RSD	.28569	.00291	122.57	4.4772	5.7627	5.4001	27.808
#1	.49694	.00034	-.00046	.00596	.20296	.00043	.00134
#2	.49494	.00034	-.00003	.00635	.22020	.00046	.00200

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00530	1.4524	.01229	.00063	-.00027	.03476	.13835
SDev	.00142	.0059	.00000	.00072	.00048	.01001	.00010
%RSD	26.866	.40607	.00975	115.22	177.10	28.792	.07422
#1	.00630	1.4566	.01229	.00114	-.00062	.02768	.13828
#2	.00429	1.4482	.01229	.00012	.00007	.04183	.13843

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	-.10398	.01497	.00041	-.00415	.00367	.00027
SDev	.00061	.14113	.00118	.00001	.00170	.00022	.00017
%RSD	128.54	135.72	7.9078	1.1594	40.952	5.9515	65.574
#1	-.00091	-.20377	.01414	.00041	-.00536	.00383	.00014
#2	-.00004	-.00419	.01581	.00041	-.00295	.00352	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.05352	.00214	.00144	.00026	.00781
SDev	.00024	.00008	.00001	.00070	.00087	.00170
%RSD	29.083	.14979	.46306	48.846	333.79	21.722
#1	.00067	.05347	.00215	.00094	.00088	.00901
#2	.00102	.05358	.00213	.00193	-.00036	.00661

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40060	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0088257	--	--	--	--	--	--
#1	40062	--	--	--	--	--	--
#2	40057	--	--	--	--	--	--

Analysis Report 03/28/12 02:52:13 PM page 15

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--------------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-52643-a-3-a@10     Operator: DCL
Run Time: 03/28/12 14:52:16
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .14204    .00130    .00459    .02089    -.00079   -.00638   -.00018
 SDev    .00050    .00076    .00018    .00011     .00000    .00052    .00005
 %RSD    .35501    58.068    4.0338    .50138    .03541    8.1176    26.106

 #1      .14239    .00077    .00446    .02097    -.00079   -.00675   -.00014
 #2      .14168    .00184    .00472    .02082    -.00079   -.00602   -.00021

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .25598    .00044    -.00006   .00018    .18380    .00031    .00131
 SDev    .00059    .00013     .00008   .00001    .00627    .00002    .00074
 %RSD    .22931    29.749    146.09    4.1084    3.4093    7.5493    56.674

 #1      .25639    .00053    .00000    .00017    .18823    .00033    .00078
 #2      .25556    .00034    -.00011   .00018    .17937    .00030    .00183

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00309    1.6093    .00221    -.00027   -.00011   .06829    .16341
 SDev    .00084     .0060    .00001     .00045    .00003   .01405    .00167
 %RSD    27.237    .37232    .32286    169.49    25.626    20.579    1.0221

 #1      .00249    1.6136    .00221    -.00059   -.00012   .07823    .16459
 #2      .00368    1.6051    .00220    .00005    -.00009   .05836    .16223

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00030   -.01208   .01320    .00082    -.00304   .00543    .00031
 SDev     .00007    .09295   .00133    .00002     .00253   .00042    .00004
 %RSD    24.590    769.27    10.041    1.9944    83.274    7.7737    11.606

 #1      -.00035   .05364    .01414    .00083    -.00125   .00573    .00028
 #2      -.00025   -.07781   .01227    .00081    -.00483   .00513    .00033

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00080    .01260    .00181    .00105    .00081    .00423
 SDev    .00032    .00006    .00205    .00009    .00360    .00054
 %RSD    39.629    .45151    112.76    8.4038    442.40    12.690

 #1      .00102    .01256    .00037    .00099    -.00173   .00461
 #2      .00057    .01264    .00326    .00112    .00336    .00385


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    39762     --        --        --        --        --        --

Analysis Report                          03/28/12 02:56:04 PM        page 16


 SDev    129.4005  --        --        --        --        --        --
 %RSD    .3254336  --        --        --        --        --        --
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#1	39671	--	--	--	--	--	--
#2	39854	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52643-a-4-a@10 Operator: DCL
Run Time: 03/28/12 14:56:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11604	.00072	.00519	.00773	-.00079	-.00561	-.00023
SDev	.00008	.00229	.00267	.00002	.00001	.00056	.00001
%RSD	.07011	319.45	51.454	.25982	.96984	9.9293	5.6082
#1	.11598	.00234	.00708	.00774	-.00079	-.00521	-.00024
#2	.11610	-.00090	.00330	.00772	-.00080	-.00600	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19503	.00050	-.00013	-.00082	.17653	.00045	.00028
SDev	.00029	.00016	.00014	.00025	.00157	.00002	.00005
%RSD	.15011	31.901	104.94	30.156	.88825	4.1997	15.774
#1	.19524	.00062	-.00003	-.00100	.17764	.00047	.00025
#2	.19483	.00039	-.00023	-.00065	.17543	.00044	.00032

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00375	1.3582	.00389	.00022	-.00014	.07152	.15707
SDev	.00238	.0043	.00006	.00130	.00044	.00171	.00232
%RSD	63.490	.31747	1.4388	590.55	306.46	2.3882	1.4744
#1	.00543	1.3613	.00393	.00114	-.00046	.07273	.15870
#2	.00207	1.3552	.00385	-.00070	.00017	.07031	.15543

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00915	.02409	.00053	-.00335	.00724	.00032
SDev	.00014	.00857	.00053	.00000	.00117	.00082	.00007
%RSD	320.18	93.673	2.1817	.30076	34.875	11.264	20.500
#1	.00006	.01521	.02446	.00053	-.00418	.00667	.00037
#2	-.00014	.00309	.02372	.00053	-.00253	.00782	.00028

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.01211	.00143	-.00029	.00108	.00508
SDev	.00001	.00009	.00031	.00009	.00091	.00402
%RSD	1.6382	.76234	21.896	30.915	83.941	79.143
#1	.00076	.01205	.00121	-.00023	.00044	.00793
#2	.00074	.01218	.00165	-.00035	.00172	.00224

Analysis Report 03/28/12 02:59:55 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	39959	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.0318524	--	--	--	--	--	--
#1	39968	--	--	--	--	--	--
#2	39950	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52658-a-1-d Operator: DCL
Run Time: 03/28/12 14:59:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	144.89	.00623	.06501	2.3170	.01031	.03897	-.00213
SDev	.08	.00207	.00135	.0006	.00001	.00019	.00011
%RSD	.05809	33.198	2.0816	.02443	.09003	.48576	5.0666
#1	144.83	.00477	.06405	2.3174	.01031	.03884	-.00206
#2	144.95	.00769	.06597	2.3166	.01030	.03911	-.00221

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	337.06	.24120	.09241	.38477	181.74	.10232	.22707
SDev	.18	.00019	.00033	.00012	.10	.00007	.00123
%RSD	.05235	.07881	.35884	.03094	.05617	.06782	.54316
#1	336.94	.24133	.09265	.38485	181.67	.10227	.22620
#2	337.19	.24106	.09218	.38468	181.82	.10237	.22794

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00731	38.017	3.7328	.01765	.19059	15.243	3.4076
SDev	.00144	.016	.0014	.00008	.00092	.009	.0055
%RSD	19.680	.04079	.03819	.47751	.48203	.05703	.16264
#1	-.00629	38.006	3.7318	.01771	.19124	15.249	3.4036
#2	-.00832	38.028	3.7338	.01759	.18994	15.237	3.4115

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	7.0596	7.3444	.62868	.00634	.03264	.30863
SDev	.00092	.0638	.0028	.00050	.00063	.00023	.00016
%RSD	46.562	.90402	.03879	.07936	9.8527	.70927	.05333
#1	-.00132	7.1047	7.3424	.62903	.00678	.03280	.30851
#2	-.00262	7.0145	7.3464	.62833	.00590	.03248	.30875

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36528	.91349	.20661	.23730	-.01686	-.00253
SDev	.00007	.00101	.00135	.00252	.00390	.00021
%RSD	.02066	.11037	.65161	1.0633	23.115	8.2434

Analysis Report 03/28/12 03:03:46 PM page 18

#1	.36523	.91278	.20756	.23551	-.01410	-.00238
#2	.36534	.91420	.20566	.23908	-.01961	-.00268

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41161	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.1305608	--	--	--	--	--	--
#1	41123	--	--	--	--	--	--
#2	41199	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52658-a-2-d Operator: DCL
Run Time: 03/28/12 15:03:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	118.16	.00575	.05277	2.4291	.01030	.02449	-.00424
SDev	.08	.00135	.00151	.0018	.00002	.00073	.00015
%RSD	.07079	23.386	2.8546	.07468	.17990	2.9783	3.4372
#1	118.10	.00480	.05171	2.4278	.01029	.02398	-.00414
#2	118.22	.00671	.05384	2.4304	.01031	.02501	-.00434

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	199.13	.15950	.08918	.19890	155.02	.09125	.18654
SDev	.34	.00004	.00047	.00067	.25	.00009	.00045
%RSD	.16835	.02452	.53202	.33565	.16111	.09709	.24287
#1	198.89	.15948	.08884	.19937	154.84	.09118	.18622
#2	199.36	.15953	.08951	.19843	155.20	.09131	.18686

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00453	35.396	2.8469	.00700	.15454	13.168	2.7771
SDev	.00162	.056	.0040	.00021	.00042	.001	.0008
%RSD	35.852	.15836	.13987	2.9598	.27207	.00982	.02839
#1	-.00568	35.357	2.8441	.00715	.15425	13.167	2.7765
#2	-.00338	35.436	2.8497	.00686	.15484	13.169	2.7776

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00192	10.246	10.410	.56221	.00710	.03017	.24904
SDev	.00034	.095	.002	.00045	.00040	.00019	.00010
%RSD	17.773	.92647	.01979	.07999	5.6255	.62672	.04169
#1	-.00216	10.179	10.411	.56190	.00682	.03030	.24897
#2	-.00168	10.313	10.408	.56253	.00738	.03003	.24912

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 03/28/12 03:07:38 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34946	1.0230	.16801	.19581	-.00942	-.00208
SDev	.00000	.0011	.00013	.00074	.00006	.00240
%RSD	.00105	.10816	.07703	.38012	.65700	115.42
#1	.34946	1.0222	.16810	.19528	-.00946	-.00378
#2	.34945	1.0238	.16792	.19634	-.00937	-.00038

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41776	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0524704	--	--	--	--	--	--
#1	41761	--	--	--	--	--	--
#2	41792	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52694-a-1-a@10 Operator: DCL
Run Time: 03/28/12 15:07:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59215	.01416	.02426	.01537	.00030	-.00422	.00290
SDev	.00825	.00057	.00043	.00018	.00000	.00024	.00013
%RSD	1.3935	4.0044	1.7850	1.1683	.71274	5.7500	4.6189
#1	.59799	.01456	.02457	.01550	.00030	-.00440	.00300
#2	.58632	.01376	.02395	.01525	.00030	-.00405	.00281

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2125	.04615	.00217	502.41	17.346	.00097	.70580
SDev	.0465	.00021	.00037	1.91	.122	.00001	.00591
%RSD	.89134	.44973	17.110	.38046	.70576	.48857	.83685
#1	5.2454	.04630	.00243	503.76	17.432	.00097	.70997
#2	5.1797	.04601	.00191	501.06	17.259	.00097	.70162

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	2.7111	.13901	.01100	.14336	.46487	.26378
SDev	.00016	.0234	.00115	.00035	.00080	.00756	.00311
%RSD	25.443	.86356	.82515	3.2038	.55892	1.6266	1.1806
#1	-.00051	2.7277	.13982	.01125	.14393	.47022	.26599
#2	-.00074	2.6946	.13820	.01075	.14280	.45953	.26158

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05591	17.415	.14384	.00297	-.00111	.45018	.03350
SDev	.00072	.011	.00183	.00003	.00175	.00514	.00019
%RSD	1.2960	.06037	1.2704	1.0988	157.37	1.1421	.57404

#1	.05643	17.423	.14514	.00300	.00013	.45381	.03364
#2	.05540	17.408	.14255	.00295	-.00234	.44654	.03336

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00459	50.323	.65742	.72999	-.00782	.00297
SDev	.00012	.135	.00565	.00603	.00483	.00265
%RSD	2.6087	.26749	.85991	.82647	61.807	89.276
#1	.00450	50.418	.66141	.73425	-.01123	.00485

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 #2      .00467    50.228    .65342    .72572    -.00440   .00110

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    38502     --        --        --        --        --        --
 SDev    76.36753  --        --        --        --        --        --
 %RSD    .1983469  --        --        --        --        --        --

 #1      38448     --        --        --        --        --        --
 #2      38556     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-52694-a-2-a@10     Operator: DCL
Run Time: 03/28/12 15:11:32
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .07940    .00163    .00246    .00080    -.00082   .02414    -.00024
 SDev    .00122    .00079    .00106    .00002     .00002   .00022     .00005
 %RSD    1.5360    48.309    43.126    2.3390    2.0774    .92350    19.197

 #1      .08026    .00219    .00171    .00081    -.00083   .02398    -.00028
 #2      .07854    .00108    .00321    .00078    -.00081   .02430    -.00021

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .04804    .00059    -.00042   .07085    .03096    .00113    .00134
 SDev    .00028    .00002     .00020   .03906    .00142    .00003    .00033
 %RSD    .57258    2.6721    47.028    55.134    4.5760    2.2254    24.561

 #1      .04824    .00058    -.00056   .09847    .02996    .00115    .00158
 #2      .04785    .00060    -.00028   .04323    .03197    .00112    .00111

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00259    .02365    .00037    .00061    -.00029   .19056    -.00559
 SDev    .00208    .00374    .00004    .00050     .00006   .01452     .00171
 %RSD    80.216    15.820    10.658    81.799    19.815    7.6202    30.598

 #1      .00406    .02630    .00040    .00097    -.00025   .20083    -.00438
 #2      .00112    .02101    .00034    .00026    -.00033   .18029    -.00679

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm

Analysis Report                          03/28/12 03:15:20 PM        page 21


 Avge    -.00039   .00987    .03116    .00021    -.00333   .00403    .00017
 SDev     .00024   .01201    .00146    .00002     .00009   .00091    .00015
 %RSD    61.665    121.63    4.6955    8.1148    2.5720    22.715    88.191

 #1      -.00057   .00138    .03220    .00022    -.00327   .00338    .00028
 #2      -.00022   .01837    .03013    .00020    -.00339   .00467    .00007

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00058    .03975    .00198    .00102    -.00430   .00604
 SDev    .00039    .01600    .00106    .00102     .00050   .00287
 %RSD    67.375    40.269    53.292    99.913    11.514    47.542
```

#1	.00086	.05106	.00124	.00175	-.00395	.00807	
#2	.00031	.02843	.00273	.00030	-.00465	.00401	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39140	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.1752388	--	--	--	--	--	--
#1	39092	--	--	--	--	--	--
#2	39189	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52645-c-4-a Operator: DCL
Run Time: 03/28/12 15:15:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	173.55	.98505	1.0840	2.2932	.44253	1.0641	.47853
SDev	.23	.00378	.0017	.0004	.00051	.0001	.00053
%RSD	.13331	.38360	.15626	.01759	.11624	.01077	.11030
#1	173.71	.98238	1.0828	2.2929	.44216	1.0641	.47815
#2	173.38	.98773	1.0852	2.2935	.44289	1.0640	.47890

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.589	1.1454	.91690	1.0008	388.04	1.0782	1.1577
SDev	.024	.0006	.00103	.0007	.03	.0011	.0013
%RSD	.07731	.05054	.11256	.06974	.00718	.10430	.11457
#1	30.572	1.1450	.91763	1.0013	388.02	1.0790	1.1567
#2	30.605	1.1458	.91617	1.0003	388.06	1.0774	1.1586

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89261	14.509	1.5696	.95581	1.0176	16.818	3.6087
SDev	.00228	.009	.0012	.00569	.0021	.002	.0036
%RSD	.25539	.06084	.07870	.59538	.20823	.01457	.10038
#1	.89422	14.503	1.5688	.95179	1.0191	16.816	3.6112

#2	.89100	14.515	1.5705	.95984	1.0161	16.819	3.6061

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47084	48.932	47.071	1.3114	1.0285	.95537	1.3824
SDev	.00060	.229	.099	.0004	.0025	.00661	.0010
%RSD	.12644	.46823	.21048	.02758	.24778	.69230	.06993
#1	.47126	49.094	47.141	1.3111	1.0267	.96004	1.3817
#2	.47042	48.770	47.001	1.3116	1.0303	.95069	1.3831

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5563	1.0782	1.0735	1.1998	.84351	.91716

SDev	.0014	.0007	.0028	.0034	.00078	.00303	
%RSD	.09208	.06376	.26300	.28348	.09271	.33020	
#1	1.5553	1.0777	1.0755	1.1974	.84406	.91930	
#2	1.5573	1.0787	1.0715	1.2022	.84295	.91502	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39812	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0603879	--	--	--	--	--	--
#1	39829	--	--	--	--	--	--
#2	39795	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52645-c-4-a@5 Operator: DCL
Run Time: 03/28/12 15:19:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.006	.00268	.03292	.27643	.00125	.01890	-.00301
SDev	.159	.00031	.00186	.00082	.00001	.00068	.00013
%RSD	.45339	11.436	5.6405	.29809	.37651	3.6218	4.3766
#1	35.118	.00247	.03161	.27701	.00125	.01939	-.00311
#2	34.893	.00290	.03423	.27584	.00124	.01842	-.00292

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6396	.05265	.00430	.01773	79.103	.01512	.04761
SDev	.0133	.00013	.00017	.00035	.173	.00011	.00034
%RSD	.28579	.23795	3.9513	1.9611	.21825	.72961	.72403
#1	4.6490	.05273	.00418	.01798	79.225	.01520	.04785
#2	4.6302	.05256	.00442	.01749	78.981	.01504	.04737

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	1.2597	.14152	.00358	.00912	1.2930	.58775

SDev	.00208	.0033	.00040	.00183	.00014	.0029	.00260
%RSD	1144.8	.26498	.27891	51.229	1.5404	.22367	.44191
#1	.00165	1.2620	.14180	.00488	.00902	1.2951	.58959
#2	-.00129	1.2573	.14124	.00228	.00922	1.2910	.58591

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	7.5305	7.1353	.16988	.00509	.00604	.09435
SDev	.00020	.0157	.0425	.00043	.00254	.00055	.00029
%RSD	25.452	.20896	.59597	.25073	49.950	9.0704	.30613
#1	-.00091	7.5194	7.1654	.17018	.00689	.00643	.09456
#2	-.00063	7.5417	7.1053	.16958	.00329	.00565	.09415

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14002	.02851	.04154	.05064	-.01281	.00668
SDev	.00059	.00042	.00108	.00106	.00055	.00284
%RSD	.41934	1.4678	2.6044	2.0891	4.3242	42.561
#1	.14043	.02881	.04078	.05139	-.01242	.00869
#2	.13960	.02821	.04231	.04990	-.01321	.00467

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38547	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0146752	--	--	--	--	--	--
#1	38551	--	--	--	--	--	--
#2	38543	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 15:23:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4792	.52510	.51132	.52980	.47011	.51086	.53999
SDev	.0075	.00114	.00403	.00208	.00192	.00006	.00136
%RSD	.30449	.21791	.78882	.39190	.40877	.01170	.25088
#1	2.4846	.52591	.51417	.53127	.47147	.51091	.54095
#2	2.4739	.52429	.50847	.52834	.46876	.51082	.53903

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.493	.48219	.48211	.47477	2.6247	.49128	.50432
SDev	.045	.00167	.00157	.00096	.0072	.00124	.00087
%RSD	.35884	.34534	.32622	.20185	.27361	.25279	.17190
#1	12.524	.48336	.48323	.47544	2.6196	.49216	.50494

#2	12.461	.48101	.48100	.47409	2.6298	.49040	.50371

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49890	4.8727	.48734	.51387	.52288	13.125	.93294
SDev	.00081	.0203	.00158	.00169	.00194	.065	.00083
%RSD	.16238	.41727	.32456	.32786	.37187	.49905	.08944
#1	.49833	4.8871	.48846	.51268	.52425	13.171	.93353
#2	.49947	4.8584	.48622	.51506	.52150	13.078	.93235

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24793	12.818	12.586	.26616	.55412	.50063	.50960
SDev	.00006	.122	.015	.00099	.00077	.00256	.00154
%RSD	.02504	.95019	.11948	.37153	.13840	.51185	.30234
#1	.24789	12.732	12.596	.26686	.55358	.50244	.51069

#2	.24797	12.904	12.575	.26546	.55466	.49882	.50851

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49034	.52858	.46946	.52175	.47152	.51264
SDev	.00178	.00085	.00027	.00144	.00087	.00078
%RSD	.36244	.16080	.05796	.27531	.18417	.15230
#1	.49159	.52918	.46927	.52277	.47091	.51209
#2	.48908	.52798	.46966	.52074	.47214	.51319

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38370	--	--	--	--	--	--
SDev	204.3539	--	--	--	--	--	--
%RSD	.5325946	--	--	--	--	--	--
#1	38225	--	--	--	--	--	--
#2	38514	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 15:26:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08430	.00330	.00284	.00023	-.00085	-.00526	-.00013
SDev	.00516	.00153	.00015	.00002	.00003	.00008	.00022
%RSD	6.1240	46.313	5.3050	7.7490	3.2161	1.4908	163.32
#1	.08795	.00438	.00273	.00024	-.00087	-.00520	-.00029
#2	.08065	.00222	.00295	.00022	-.00083	-.00532	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01234	.00097	-.00040	-.00119	-.01409	.00059	.00064
SDev	.00010	.00017	.00014	.00008	.00919	.00025	.00108
%RSD	.80471	17.531	33.569	6.7960	65.202	43.002	169.03
#1	-.01227	.00109	-.00050	-.00113	-.02058	.00077	.00140
#2	-.01241	.00085	-.00031	-.00124	-.00759	.00041	-.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.03843	.00016	.00210	-.00049	.27430	-.00512
SDev	.00022	.02015	.00002	.00109	.00001	.14284	.00083
%RSD	40.242	52.441	9.4869	52.092	2.1549	52.075	16.299
#1	.00070	.05267	.00015	.00287	-.00048	.37530	-.00453
#2	.00039	.02418	.00018	.00133	-.00050	.17329	-.00571

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	-.12320	.02233	.00012	.00209	-.00141	.00047
SDev	.00022	.11307	.01018	.00001	.00020	.00011	.00017

%RSD	56.270	91.775	45.563	4.1351	9.7292	8.0421	36.000
#1	-.00024	-.20315	.02953	.00011	.00223	-.00149	.00059
#2	-.00055	-.04325	.01514	.00012	.00194	-.00133	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.00193	.00010	.00090	-.00638	.00401
SDev	.00003	.00001	.00049	.00136	.00109	.00088
%RSD	2.9866	.70163	493.69	151.07	17.100	21.820
#1	.00108	.00192	.00045	.00187	-.00715	.00463
#2	.00104	.00194	-.00025	-.00006	-.00561	.00339

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38864	--	--	--	--	--	--
SDev	1116.522	--	--	--	--	--	--
%RSD	2.872857	--	--	--	--	--	--
#1	38075	--	--	--	--	--	--
#2	39654	--	--	--	--	--	--

Analysis Report 03/28/12 05:35:49 PM page 1

Method: 20076010 Sample Name: 600-52143-b-2-e msd Operator: DCL
Run Time: 03/28/12 17:32:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.620	1.1674	1.1267	2.0865	.42971	1.3124	.57513
SDev	.082	.0004	.0012	.0140	.00018	.0039	.00170
%RSD	.70568	.03365	.10997	.67111	.04308	.29378	.29614
#1	11.678	1.1676	1.1259	2.0964	.42958	1.3152	.57392
#2	11.562	1.1671	1.1276	2.0766	.42984	1.3097	.57633

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2175.7	.90975	.93383	3.3627	32.956	.84310	.96188
SDev	24.3	.00039	.00038	.0279	.019	.00830	.01000
%RSD	1.1149	.04245	.04044	.83105	.05691	.98392	1.0399
#1	2158.6	.90948	.93409	3.3825	32.969	.84897	.95481
#2	2192.9	.91002	.93356	3.3430	32.942	.83724	.96895

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0319	1067.0	31.528	1.0370	.97285	42.442	12.877
SDev	.0148	4.5	.029	.0072	.00474	.109	.044
%RSD	1.4298	.42602	.09321	.69709	.48761	.25598	.33850
#1	1.0214	1063.8	31.507	1.0319	.97621	42.519	12.908
#2	1.0423	1070.3	31.548	1.0421	.96950	42.365	12.846

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.60387	2181.8	916.82	33.497	1.0878	1.0044	.98985
SDev	.00424	21.5	9.43	.035	.0077	.0002	.00388
%RSD	.70233	.98469	1.0290	.10539	.70682	.01688	.39168
#1	.60687	2197.0	923.49	33.472	1.0824	1.0043	.99259
#2	.60087	2166.6	910.15	33.522	1.0932	1.0046	.98711

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96865	1.1032	.90658	.98953	.99093	1.0523
SDev	.00079	.0008	.00843	.01079	.00831	.0180
%RSD	.08116	.06899	.92993	1.0902	.83909	1.7079
#1	.96920	1.1037	.90062	.98190	.98505	1.0396
#2	.96809	1.1026	.91254	.99716	.99681	1.0650

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30858	--	--	--	--	--	--
SDev	294.1564	--	--	--	--	--	--
%RSD	.9532582	--	--	--	--	--	--

#1	31066	--	--	--	--	--	--
#2	30650	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52143-b-2-b Operator: DCL
Run Time: 03/28/12 17:35:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.459	1.1559	1.1178	2.0799	.42161	1.3042	.57337
SDev	.099	.0095	.0075	.0171	.00277	.0114	.00447
%RSD	.86570	.82483	.67137	.82050	.65803	.87687	.78049
#1	11.530	1.1626	1.1231	2.0920	.42357	1.3123	.57654
#2	11.389	1.1492	1.1124	2.0679	.41965	1.2962	.57021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2196.0	.90512	.91791	3.3496	32.992	1.5065	.96406
SDev	15.1	.00620	.00706	.0280	.292	.0141	.01702
%RSD	.68824	.68455	.76898	.83726	.88431	.93626	1.7652
#1	2206.7	.90951	.92290	3.3694	33.198	1.5165	.97609
#2	2185.3	.90074	.91292	3.3298	32.786	1.4965	.95202

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0267	1080.7	31.696	1.0068	.95071	42.156	12.937
SDev	.0158	7.8	.235	.0073	.00855	.364	.102
%RSD	1.5362	.72453	.74250	.72691	.89951	.86398	.79139
#1	1.0379	1086.3	31.862	1.0119	.95676	42.414	13.009
#2	1.0156	1075.2	31.529	1.0016	.94466	41.899	12.865

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59033	2188.3	913.39	33.534	1.0595	.98606	.97210
SDev	.00502	18.0	8.15	.258	.0061	.00797	.00731
%RSD	.84982	.82451	.89186	.76832	.57325	.80832	.75220
#1	.59388	2201.1	919.15	33.716	1.0638	.99170	.97727
#2	.58678	2175.6	907.63	33.352	1.0552	.98043	.96693

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95156	1.0963	.91684	.98767	.99850	1.0408
SDev	.00788	.0081	.00403	.02351	.01365	.0168
%RSD	.82829	.73568	.43927	2.3807	1.3667	1.6174
#1	.95714	1.1020	.91968	1.0043	1.0081	1.0527
#2	.94599	1.0906	.91399	.97104	.98885	1.0289

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 05:39:40 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	30666	--	--	--	--	--	--
SDev	238.2950	--	--	--	--	--	--
%RSD	.7770784	--	--	--	--	--	--
#1	30497	--	--	--	--	--	--
#2	30834	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52143-b-2-b Operator: DCL
Run Time: 03/28/12 17:39:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09687	-.00019	.00542	.19713	-.00095	.03194	.02190
SDev	.00149	.00133	.00170	.00164	.00001	.00170	.00002
%RSD	1.5359	708.00	31.433	.83011	.83446	5.3384	.06895
#1	.09792	-.00113	.00421	.19829	-.00095	.03315	.02191
#2	.09582	.00075	.00662	.19597	-.00094	.03074	.02189

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	768.47	.00045	.00431	.42928	5.1713	.03600	.00138
SDev	6.63	.00038	.00040	.00377	.0346	.00041	.00026
%RSD	.86249	84.599	9.1670	.87809	.66931	1.1308	18.741
#1	773.15	.00072	.00403	.43194	5.1958	.03629	.00119
#2	763.78	.00018	.00459	.42661	5.1469	.03571	.00156

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	216.77	6.8751	.00357	.00395	3.1437	2.2378
SDev	.00253	1.95	.0546	.00193	.00089	.0638	.0166
%RSD	313.04	.89973	.79360	54.176	22.392	2.0308	.74144

#1	-.00260	218.15	6.9136	.00493	.00333	3.1888	2.2495
#2	.00098	215.39	6.8365	.00220	.00458	3.0985	2.2261
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	386.05	282.95	5.0746	.00693	-.00131	-.00625
SDev	.00030	1.89	.90	.0319	.00105	.00028	.00012
%RSD	40.300	.48848	.31809	.62877	15.130	21.280	1.8520
#1	-.00096	387.38	283.59	5.0972	.00767	-.00151	-.00617
#2	-.00053	384.71	282.31	5.0521	.00619	-.00112	-.00633
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	-.00036	.00397	-.00045	.00229	-.00441	.00099	
SDev	.00001	.00010	.00152	.00038	.00452	.00154	
%RSD	3.5036	2.5320	336.35	16.367	102.45	155.35	
#1	-.00035	.00404	-.00153	.00256	-.00761	-.00010	

#2	-.00037	.00390	.00062	.00203	-.00122	.00208	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35708	--	--	--	--	--	--
SDev	294.1564	--	--	--	--	--	--
%RSD	.8237830	--	--	--	--	--	--
#1	35500	--	--	--	--	--	--
#2	35916	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52330-c-1-a Operator: DCL
Run Time: 03/28/12 17:43:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36205	.00261	.00462	.10373	-.00080	.04782	.00018
SDev	.00039	.00136	.00045	.00032	.00000	.00067	.00007
%RSD	.10650	51.917	9.8289	.31330	.27647	1.4011	38.418
#1	.36232	.00165	.00430	.10396	-.00080	.04829	.00013
#2	.36177	.00357	.00494	.10350	-.00080	.04735	.00022
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.1601	.00375	.00053	.01092	.30619	.00681	.00187
SDev	.0820	.00033	.00003	.00037	.00551	.00009	.00051
%RSD	.89478	8.8037	5.4462	3.4122	1.8009	1.2450	27.370
#1	9.2181	.00399	.00055	.01118	.31009	.00687	.00151
#2	9.1021	.00352	.00051	.01065	.30229	.00675	.00224
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	1.2034	.01941	.00369	.00537	11.537	1.2546

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 SDev     .00048    .0199    .00048    .00030    .00032      .028     .0021
 %RSD    14132.    1.6571    2.4924    8.1995    5.9202    .24086    .16885

 #1      -.00035   1.2175    .01975    .00347    .00559    11.557    1.2561
 #2      .00034    1.1893    .01907    .00390    .00515    11.518    1.2531

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00039   14.041    12.931    .03011    .00097    -.00126   .00833
 SDev     .00007     .200      .010    .00036    .00093     .00024   .00000
 %RSD    18.210    1.4236    .08119    1.1890    94.956    19.107    .00622

 #1      -.00034   14.182    12.938    .03036    .00032    -.00109   .00833
 #2      -.00045   13.900    12.923    .02986    .00163    -.00143   .00833

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00474    .32714    .00081    .00240    -.00589   .00294

Analysis Report                          03/28/12 05:47:23 PM         page 5


 SDev    .00041    .00110    .00171    .00009     .00213   .00034
 %RSD    8.6298    .33730    210.80    3.5849    36.157    11.524

 #1      .00503    .32793    -.00040   .00247    -.00740   .00318
 #2      .00445    .32636    .00202    .00234    -.00439   .00270

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    38193     --        --        --        --        --        --
 SDev    127.2792  --        --        --        --        --        --
 %RSD    .3332528  --        --        --        --        --        --

 #1      38103     --        --        --        --        --        --
 #2      38283     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-52378-c-1-a        Operator: DCL
Run Time: 03/28/12 17:47:26
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    2.9121    .00330    .00239    .05216    -.00097   .15357    -.00014
 SDev     .0004    .00106    .00082    .00005     .00000   .00140     .00007
 %RSD    .01533    32.290    34.148    .08700    .17163    .91020    51.338

 #1      2.9124    .00254    .00297    .05219    -.00097   .15455    -.00019
 #2      2.9118    .00405    .00181    .05213    -.00097   .15258    -.00009

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    137.45    .00133    .00078    .00360    .47908    .00911    .00960
 SDev       .19    .00036    .00043    .00051    .00632    .00008    .00078
 %RSD    .13736    27.305    55.393    14.121    1.3191    .91603    8.0888

 #1      137.59    .00159    .00047    .00396    .47461    .00905    .00905
 #2      137.32    .00107    .00108    .00324    .48355    .00917    .01014

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
```

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	28.585	.11639	.00680	.01250	22.753	4.7066
SDev	.00145	.021	.00009	.00047	.00032	.007	.0011
%RSD	364.76	.07332	.08057	6.8458	2.5793	.03191	.02355
#1	-.00143	28.600	.11646	.00713	.01228	22.758	4.7074
#2	.00063	28.571	.11633	.00647	.01273	22.748	4.7058

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	2017.0	903.65	.33671	.00216	.00371	.00425
SDev	.00062	6.0	11.29	.00029	.00083	.00049	.00009
%RSD	77.817	.29830	1.2489	.08633	38.605	13.122	2.0498
#1	-.00123	2021.3	911.63	.33692	.00275	.00405	.00419
#2	-.00036	2012.8	895.67	.33651	.00157	.00337	.00431

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00360	.09726	.00847	.01016	-.00063	-.00028
SDev	.00028	.00001	.00110	.00061	.00167	.00135
%RSD	7.6898	.00993	12.971	6.0548	265.83	473.85
#1	.00340	.09727	.00769	.00973	-.00181	-.00124
#2	.00379	.09725	.00924	.01060	.00055	.00067

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35403	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1358169	--	--	--	--	--	--
#1	35369	--	--	--	--	--	--
#2	35437	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52381-b-1-a Operator: DCL
Run Time: 03/28/12 17:51:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7111	.00167	.00366	.05075	-.00069	.01944	-.00031
SDev	.0098	.00010	.00059	.00018	.00001	.00067	.00016
%RSD	.36148	6.1240	16.172	.35088	1.7197	3.4229	52.230
#1	2.7180	.00160	.00407	.05062	-.00068	.01897	-.00019
#2	2.7041	.00174	.00324	.05087	-.00070	.01991	-.00042

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.280	.00501	.00055	.00609	1.7532	.00322	.00272
SDev	.096	.00023	.00011	.00007	.0142	.00000	.00038
%RSD	.47389	4.5622	20.681	1.1148	.80720	.09230	13.794
#1	20.212	.00485	.00063	.00604	1.7431	.00322	.00246
#2	20.348	.00518	.00047	.00614	1.7632	.00323	.00299

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00339	3.0145	.03639	.00944	.00582	4.5151	8.4497
SDev	.00074	.0178	.00020	.00011	.00027	.0331	.0270
%RSD	21.814	.58982	.56057	1.1377	4.5662	.73296	.31945
#1	.00286	3.0019	.03624	.00951	.00563	4.4917	8.4688
#2	.00391	3.0270	.03653	.00936	.00601	4.5385	8.4306

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	7.0657	6.7516	.10288	-.00154	.00097	.11335
SDev	.00025	.0411	.1062	.00024	.00309	.00048	.00125

%RSD	3238.7	.58163	1.5723	.23430	200.37	49.901	1.0983
#1	-.00017	7.0366	6.8267	.10271	.00064	.00063	.11247
#2	.00018	7.0947	6.6766	.10305	-.00373	.00131	.11423

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00640	.15750	.00353	.00232	-.00214	.00615
SDev	.00016	.00825	.00153	.00020	.00498	.00138
%RSD	2.5841	5.2345	43.326	8.7375	233.06	22.521
#1	.00628	.15167	.00245	.00246	-.00566	.00713
#2	.00652	.16333	.00462	.00217	.00139	.00517

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38078	--	--	--	--	--	--
SDev	213.5462	--	--	--	--	--	--
%RSD	.5608127	--	--	--	--	--	--
#1	38229	--	--	--	--	--	--
#2	37927	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52381-b-2-a Operator: DCL
Run Time: 03/28/12 17:55:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6727	.00389	.00385	.03110	-.00071	.02613	-.00017
SDev	.0258	.00126	.00161	.00019	.00000	.00166	.00002
%RSD	1.5446	32.263	41.754	.60266	.14023	6.3428	9.5961
#1	1.6910	.00478	.00272	.03124	-.00071	.02730	-.00016
#2	1.6544	.00300	.00499	.03097	-.00071	.02495	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.189	.00358	.00073	.00461	1.1033	.00271	.00245
SDev	.099	.00018	.00014	.00044	.0152	.00009	.00073
%RSD	.39315	5.0073	19.638	9.5173	1.3818	3.4743	29.971

#1	25.259	.00370	.00083	.00492	1.1141	.00277	.00297
#2	25.118	.00345	.00063	.00430	1.0925	.00264	.00193

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	3.4366	.02241	.01369	.00934	5.8006	6.2319
SDev	.00124	.0221	.00010	.00080	.00002	.0344	.0615
%RSD	331.23	.64269	.42535	5.8732	.24612	.59354	.98653

#1	-.00050	3.4522	.02247	.01313	.00933	5.8250	6.2754
#2	.00125	3.4210	.02234	.01426	.00936	5.7763	6.1885

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	8.4526	8.1446	.08176	-.00276	-.00049	.36426
SDev	.00059	.0750	.0219	.00035	.00007	.00126	.00622
%RSD	616.28	.88754	.26880	.42440	2.4364	258.32	1.7072

#1	.00032	8.5057	8.1600	.08200	-.00271	.00040	.36865
#2	-.00052	8.3996	8.1291	.08151	-.00280	-.00138	.35986

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00465	.15554	.00240	.00248	-.00419	.00265
SDev	.00013	.00008	.00032	.00094	.00069	.00152
%RSD	2.7095	.04887	13.554	37.907	16.370	57.146

#1	.00456	.15559	.00263	.00314	-.00467	.00158
#2	.00474	.15548	.00217	.00181	-.00370	.00373

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38162	--	--	--	--	--	--
SDev	128.6934	--	--	--	--	--	--
%RSD	.3372293	--	--	--	--	--	--

#1	38071	--	--	--	--	--	--
#2	38253	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52381-b-3-a Operator: DCL
Run Time: 03/28/12 17:59:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0562	.00244	.00526	.03968	-.00073	.01498	-.00021
SDev	.0184	.00030	.00237	.00010	.00001	.00059	.00006
%RSD	1.7424	12.445	45.111	.26118	.78348	3.9060	27.525

#1	1.0692	.00266	.00358	.03976	-.00073	.01539	-.00017
#2	1.0432	.00223	.00694	.03961	-.00072	.01456	-.00025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.056	.00213	-.00005	.00456	.59445	.00192	.00191
SDev	.057	.00013	.00023	.00017	.00154	.00006	.00039

%RSD	.28552	6.2729	445.98	3.6337	.25909	3.3040	20.358
#1	20.097	.00223	-.00021	.00444	.59554	.00196	.00164
#2	20.016	.00204	.00011	.00468	.59336	.00187	.00219
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	2.4092	.01406	.00639	.00164	4.4752	6.0383
SDev	.00003	.0056	.00007	.00081	.00040	.0196	.0669
%RSD	2.2147	.23421	.46934	12.749	24.616	.43752	1.1085

#1	.00124	2.4132	.01411	.00582	.00135	4.4891	6.0856
#2	.00120	2.4053	.01401	.00697	.00193	4.4614	5.9909
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	3.8198	3.5500	.06698	.00231	-.00101	.04822
SDev	.00027	.0100	.0070	.00025	.00066	.00008	.00028
%RSD	51.307	.26294	.19631	.37210	28.550	7.9544	.58708
#1	-.00072	3.8127	3.5549	.06716	.00278	-.00107	.04842
#2	-.00034	3.8269	3.5451	.06681	.00185	-.00095	.04802

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00342	.08676	.00065	.00255	-.00620	.00493
SDev	.00014	.00037	.00105	.00006	.00538	.00265
%RSD	4.0155	.42926	162.79	2.3032	86.790	53.741
#1	.00333	.08702	-.00010	.00251	-.00239	.00306
#2	.00352	.08650	.00139	.00259	-.01000	.00680

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38539	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0477043	--	--	--	--	--	--
#1	38526	--	--	--	--	--	--
#2	38552	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52381-b-4-a Operator: DCL
Run Time: 03/28/12 18:02:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44874	.00121	.00307	.02109	-.00075	.00428	-.00015
SDev	.00003	.00072	.00010	.00002	.00001	.00023	.00009
%RSD	.00567	59.346	3.2814	.08193	1.3899	5.3933	64.051
#1	.44872	.00172	.00299	.02110	-.00074	.00444	-.00022
#2	.44875	.00071	.00314	.02108	-.00076	.00411	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	8.7462	.00886	-.00015	.00258	.36177	.00207	.00190
SDev	.0200	.00023	.00003	.00032	.00399	.00005	.00028
%RSD	.22833	2.5682	18.351	12.405	1.1032	2.4787	14.501
#1	8.7604	.00870	-.00013	.00281	.36459	.00211	.00170
#2	8.7321	.00902	-.00017	.00235	.35895	.00204	.00209

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 03/28/12 06:06:40 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	1.1093	.03069	.00257	.00441	2.1030	1.5641
SDev	.00010	.0030	.00008	.00026	.00002	.0155	.0124
%RSD	12.882	.26752	.26196	10.301	.51611	.73878	.79582
#1	.00083	1.1114	.03075	.00238	.00442	2.1139	1.5729
#2	.00070	1.1072	.03063	.00276	.00439	2.0920	1.5553

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	8.5502	7.8992	.03890	-.00109	.00024	.03105
SDev	.00002	.1351	.0082	.00006	.00456	.00072	.00127
%RSD	13.414	1.5805	.10436	.16196	416.17	301.45	4.0749
#1	-.00016	8.6458	7.9051	.03894	-.00432	-.00027	.03016
#2	-.00020	8.4546	7.8934	.03885	.00213	.00075	.03194

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	.12945	.00145	.00212	-.00545	.00387
SDev	.00013	.00027	.00021	.00031	.00049	.00040
%RSD	6.3438	.20956	14.198	14.605	9.0859	10.211
#1	.00200	.12965	.00131	.00190	-.00580	.00415
#2	.00219	.12926	.00160	.00234	-.00510	.00359

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38426	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.0680857	--	--	--	--	--	--
#1	38408	--	--	--	--	--	--
#2	38445	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-1-a Operator: DCL
Run Time: 03/28/12 18:06:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61988	.00181	.00326	.03003	-.00058	.02274	-.00010
SDev	.00280	.00260	.00152	.00015	.00000	.00080	.00003
%RSD	.45235	143.62	46.644	.49507	.03890	3.5043	30.524
#1	.62187	-.00003	.00433	.03013	-.00058	.02331	-.00008
#2	.61790	.00365	.00218	.02992	-.00058	.02218	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	112.03	.00173	.03668	.00811	.39285	.00352	.00220
SDev	.34	.00034	.00021	.00040	.00787	.00001	.00076
%RSD	.30586	19.634	.58403	4.9687	2.0044	.33444	34.599

#1	112.27	.00197	.03653	.00839	.38728	.00353	.00166
#2	111.79	.00149	.03683	.00782	.39842	.00352	.00274

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	2.1603	.03170	.52904	.02884	3.1444	1.8414
SDev	.00072	.0040	.00020	.00047	.00016	.0190	.0104
%RSD	71.878	.18291	.64240	.08931	.57207	.60344	.56678

#1	-.00151	2.1631	.03184	.52870	.02873	3.1578	1.8487
#2	-.00049	2.1575	.03155	.52937	.02896	3.1309	1.8340

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	5.9692	5.6078	.14935	.00115	-.00062	.00813
SDev	.00030	.0441	.0203	.00053	.00066	.00050	.00052
%RSD	92.438	.73874	.36279	.35323	56.859	80.606	6.3597

#1	.00011	6.0004	5.6221	.14972	.00162	-.00098	.00849
#2	.00053	5.9380	5.5934	.14897	.00069	-.00027	.00776

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00358	.12262	.00174	.00244	-.00333	.00017
SDev	.00001	.00015	.00246	.00008	.00288	.00036
%RSD	.22557	.12542	141.45	3.4666	86.361	217.17

#1	.00358	.12273	-.00000	.00250	-.00537	.00042
#2	.00359	.12251	.00347	.00238	-.00130	-.00009

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37994	--	--	--	--	--	--
SDev	75.66042	--	--	--	--	--	--
%RSD	.1991352	--	--	--	--	--	--

#1	37941	--	--	--	--	--	--
#2	38048	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 18:10:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4831	.52589	.50802	.52600	.46959	.50656	.53644
SDev	.0018	.00498	.00349	.00382	.00500	.00366	.00600
%RSD	.07257	.94623	.68788	.72700	1.0657	.72287	1.1178

#1	2.4844	.52941	.51049	.52871	.47313	.50915	.54068
#2	2.4818	.52238	.50555	.52330	.46605	.50397	.53220

Analysis Report 03/28/12 06:14:22 PM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.456	.48319	.48635	.47753	2.6156	.48697	.50586
SDev	.127	.00447	.00510	.00165	.0431	.00248	.00828
%RSD	1.0177	.92561	1.0492	.34567	1.6493	.50921	1.6377
#1	12.546	.48635	.48996	.47869	2.6461	.48872	.51172
#2	12.367	.48003	.48274	.47636	2.5851	.48522	.50000

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50111	4.8738	.48875	.51138	.53389	12.919	.93750
SDev	.00604	.0624	.00435	.00231	.00770	.151	.00736
%RSD	1.2043	1.2799	.89058	.45182	1.4429	1.1702	.78500
#1	.50538	4.9179	.49183	.51301	.53933	13.026	.94271
#2	.49684	4.8297	.48568	.50974	.52844	12.812	.93230

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24762	12.756	12.529	.26482	.55306	.50345	.50727
SDev	.00274	.146	.005	.00224	.00356	.00687	.00462
%RSD	1.1081	1.1472	.03693	.84751	.64433	1.3640	.91116
#1	.24956	12.860	12.532	.26640	.55054	.50830	.51053
#2	.24568	12.653	12.525	.26323	.55558	.49859	.50400

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49163	.52751	.48003	.51877	.47959	.51193
SDev	.00490	.00485	.00777	.00854	.00628	.00592
%RSD	.99686	.91929	1.6178	1.6469	1.3086	1.1554
#1	.49509	.53094	.48552	.52482	.48403	.51611
#2	.48816	.52408	.47454	.51273	.47515	.50774

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38525	--	--	--	--	--	--
SDev	469.5189	--	--	--	--	--	--
%RSD	1.218738	--	--	--	--	--	--
#1	38193	--	--	--	--	--	--
#2	38857	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 18:14:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.06949	.00157	.00322	.00009	-.00070	-.00780	-.00029
SDev	.00165	.00121	.00067	.00010	.00002	.00015	.00018

%RSD	2.3791	77.163	20.849	109.88	2.9985	1.9817	63.228
#1	.07066	.00242	.00275	.00015	-.00068	-.00769	-.00016
#2	.06832	.00071	.00370	.00002	-.00071	-.00790	-.00042
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01022	.00031	-.00083	-.00244	-.02814	.00050	-.00033
SDev	.00086	.00048	.00039	.00035	.02343	.00013	.00038
%RSD	8.4054	152.54	46.283	14.455	83.241	25.886	114.13
#1	-.00961	.00065	-.00056	-.00219	-.01158	.00059	-.00006
#2	-.01083	-.00002	-.00111	-.00269	-.04471	.00041	-.00060
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.02435	.00008	.00259	-.00064	.19359	-.00758
SDev	.00073	.00715	.00006	.00099	.00040	.04679	.00015
%RSD	137.76	29.373	71.853	38.238	61.415	24.167	1.9594
#1	.00001	.02941	.00012	.00329	-.00036	.22667	-.00748
#2	.00104	.01929	.00004	.00189	-.00092	.16051	-.00769
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00105	-.23474	.03274	.00004	.00073	-.00103	.00026
SDev	.00038	.14012	.00534	.00003	.00237	.00107	.00013
%RSD	36.542	59.694	16.321	82.610	324.36	103.51	50.916
#1	-.00078	-.13565	.03652	.00006	.00240	-.00028	.00035
#2	-.00132	-.33382	.02897	.00002	-.00094	-.00179	.00016
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00033	.00028	-.00014	-.00042	-.00300	.00229	
SDev	.00014	.00002	.00262	.00187	.00166	.00026	
%RSD	42.433	7.5886	1848.4	441.85	55.524	11.185	
#1	.00043	.00027	-.00199	.00090	-.00418	.00211	
#2	.00023	.00030	.00171	-.00175	-.00182	.00247	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39004	--	--	--	--	--	--
SDev	152.0280	--	--	--	--	--	--
%RSD	.3897803	--	--	--	--	--	--
#1	38896	--	--	--	--	--	--
#2	39111	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-1-b du Operator: DCL
Run Time: 03/28/12 18:18:16
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76277	.00176	.00364	.03142	-.00052	.02348	-.00018
SDev	.00566	.00085	.00020	.00001	.00001	.00028	.00005
%RSD	.74268	48.568	5.3989	.04342	1.9139	1.1740	29.017
#1	.76677	.00115	.00378	.03142	-.00051	.02329	-.00022
#2	.75876	.00236	.00350	.03141	-.00053	.02368	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	114.02	.00178	.03706	.01424	.46625	.00359	.00225
SDev	.09	.00011	.00022	.00064	.01019	.00001	.00076
%RSD	.08255	5.9209	.58151	4.4641	2.1849	.40161	33.837
#1	113.95	.00170	.03691	.01469	.47345	.00358	.00279
#2	114.08	.00185	.03721	.01379	.45904	.00360	.00172

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	2.2020	.03252	.54293	.02938	3.1900	2.1294
SDev	.00252	.0025	.00007	.00172	.00040	.0025	.0096
%RSD	657.99	.11570	.21576	.31731	1.3690	.07856	.45022
#1	.00217	2.2002	.03257	.54171	.02910	3.1882	2.1362
#2	-.00140	2.2038	.03247	.54415	.02966	3.1917	2.1226

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	5.9605	5.6942	.15198	-.00057	-.00125	.01346
SDev	.00020	.1237	.0220	.00013	.00316	.00039	.00002
%RSD	52.926	2.0761	.38693	.08397	557.39	31.182	.16631
#1	-.00024	6.0480	5.7097	.15189	.00167	-.00153	.01344
#2	-.00052	5.8730	5.6786	.15207	-.00280	-.00098	.01347

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00349	.12877	.00284	.00196	-.00345	.00230
SDev	.00006	.00008	.00002	.00115	.00143	.00307
%RSD	1.5876	.06431	.77145	58.887	41.555	133.39
#1	.00353	.12871	.00282	.00278	-.00244	.00447
#2	.00345	.12883	.00286	.00115	-.00446	.00013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38108	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.2764781	--	--	--	--	--	--
#1	38182	--	--	--	--	--	--
#2	38033	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-1-c ms Operator: DCL
Run Time: 03/28/12 18:22:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.072	1.1199	1.0782	1.1404	.49388	1.1370	.55110
SDev	.043	.0048	.0014	.0035	.00108	.0015	.00155
%RSD	.38907	.42954	.12880	.31068	.21860	.12944	.28201
#1	11.102	1.1233	1.0792	1.1429	.49464	1.1380	.55220
#2	11.041	1.1165	1.0772	1.1379	.49311	1.1360	.55001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	121.64	1.0112	1.0611	1.0127	11.289	.54182	1.0514
SDev	.37	.0028	.0034	.0032	.028	.00247	.0028
%RSD	.30049	.27806	.31686	.31837	.25151	.45587	.26805
#1	121.90	1.0132	1.0635	1.0150	11.309	.54356	1.0534
#2	121.39	1.0092	1.0588	1.0104	11.269	.54007	1.0494

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0328	12.366	1.0718	1.6304	1.1405	14.740	3.2773
SDev	.0020	.028	.0029	.0006	.0054	.086	.0200
%RSD	.19295	.22947	.27396	.03390	.47251	.58240	.61037
#1	1.0343	12.386	1.0739	1.6308	1.1443	14.800	3.2914
#2	1.0314	12.346	1.0697	1.6300	1.1366	14.679	3.2631

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52895	16.729	17.022	.70763	1.1504	1.0540	1.0732
SDev	.00142	.127	.090	.00248	.0009	.0035	.0043
%RSD	.26868	.75704	.52786	.35057	.08020	.33593	.39733
#1	.52995	16.819	17.086	.70939	1.1510	1.0565	1.0763
#2	.52794	16.640	16.958	.70588	1.1497	1.0515	1.0702

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0391	1.2214	.99922	1.0775	.99628	1.0511
SDev	.0029	.0034	.00258	.0029	.00853	.0013
%RSD	.28311	.27663	.25822	.27260	.85659	.12154
#1	1.0412	1.2238	1.0010	1.0796	1.0023	1.0502
#2	1.0371	1.2191	.99739	1.0754	.99024	1.0520

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37752	--	--	--	--	--	--

Analysis Report 03/28/12 06:25:55 PM page 16

SDev	187.3833	--	--	--	--	--	--
%RSD	.4963599	--	--	--	--	--	--
#1	37619	--	--	--	--	--	--
#2	37884	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-1-d msd Operator: DCL
Run Time: 03/28/12 18:25:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.993	1.1064	1.0723	1.1302	.49086	1.1213	.54591
SDev	.067	.0062	.0040	.0045	.00166	.0040	.00205
%RSD	.60607	.56218	.37151	.39570	.33710	.35881	.37534
#1	11.040	1.1108	1.0751	1.1334	.49203	1.1241	.54736
#2	10.946	1.1020	1.0695	1.1270	.48969	1.1184	.54446

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	120.29	1.0023	1.0517	1.0048	11.180	.53684	1.0454
SDev	.48	.0030	.0053	.0037	.055	.00239	.0038
%RSD	.39593	.30291	.50351	.36765	.49521	.44543	.36709
#1	120.62	1.0044	1.0555	1.0074	11.219	.53853	1.0481
#2	119.95	1.0001	1.0480	1.0022	11.141	.53515	1.0427

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0309	12.242	1.0618	1.6117	1.1231	14.596	3.2895
SDev	.0010	.055	.0041	.0091	.0025	.071	.0310
%RSD	.09444	.45202	.38658	.56340	.22582	.48959	.94239
#1	1.0316	12.281	1.0647	1.6182	1.1249	14.647	3.3114
#2	1.0302	12.203	1.0589	1.6053	1.1213	14.545	3.2676

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52463	16.606	16.856	.69977	1.1479	1.0403	1.0620
SDev	.00230	.133	.097	.00221	.0022	.0042	.0046
%RSD	.43768	.80127	.57619	.31527	.18733	.40267	.42874
#1	.52625	16.700	16.925	.70133	1.1463	1.0433	1.0653
#2	.52300	16.511	16.788	.69821	1.1494	1.0373	1.0588

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0293	1.2105	.99073	1.0727	.98907	1.0519
SDev	.0037	.0047	.00151	.0050	.00011	.0015
%RSD	.36346	.38687	.15234	.46625	.01060	.14383
#1	1.0320	1.2138	.99180	1.0763	.98900	1.0529
#2	1.0267	1.2071	.98966	1.0692	.98915	1.0508

Analysis Report 03/28/12 06:29:46 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37998	--	--	--	--	--	--
SDev	67.17515	--	--	--	--	--	--
%RSD	.1767883	--	--	--	--	--	--
#1	37950	--	--	--	--	--	--
#2	38045	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52391-b-2-a Operator: DCL
Run Time: 03/28/12 18:29:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3534	.00223	.01493	.03946	-.00047	.07722	.00027
SDev	.0253	.00086	.00237	.00036	.00001	.00158	.00006
%RSD	1.0745	38.469	15.862	.91518	1.3024	2.0503	20.147
#1	2.3713	.00284	.01661	.03972	-.00047	.07834	.00031
#2	2.3356	.00162	.01326	.03921	-.00048	.07610	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	108.80	.00276	.02619	.00827	.67434	.01013	.00332
SDev	.62	.00006	.00015	.00050	.00491	.00011	.00054
%RSD	.57192	2.0607	.57928	6.0136	.72812	1.1162	16.150
#1	109.24	.00280	.02629	.00862	.67782	.01021	.00370
#2	108.36	.00272	.02608	.00792	.67087	.01005	.00294

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00353	2.1132	.02509	.86572	.02326	2.9685	4.2323
SDev	.00068	.0151	.00018	.00517	.00012	.0305	.0461
%RSD	19.335	.71662	.73413	.59696	.49642	1.0273	1.0899
#1	.00401	2.1239	.02522	.86937	.02318	2.9901	4.2649
#2	.00305	2.1025	.02496	.86206	.02335	2.9470	4.1997

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	43.798	40.346	.17407	.00675	-.00102	.05014
SDev	.00012	.215	.221	.00097	.00178	.00015	.00141
%RSD	42.095	.49186	.54881	.55502	26.390	14.453	2.8141
#1	-.00020	43.951	40.503	.17475	.00801	-.00092	.05114
#2	-.00038	43.646	40.190	.17339	.00549	-.00113	.04914

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00517	.69206	.00303	.00347	-.00488	.00773
SDev	.00024	.00382	.00094	.00128	.00257	.00026
%RSD	4.6347	.55158	31.176	36.829	52.668	3.3664

#1	.00534	.69476	.00236	.00437	-.00306	.00755
#2	.00500	.68936	.00370	.00256	-.00669	.00792

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38092	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.2561712	--	--	--	--	--	--
#1	38023	--	--	--	--	--	--
#2	38161	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52437-b-1-a Operator: DCL
Run Time: 03/28/12 18:33:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86829	.00006	.00473	.00929	-.00069	.00310	-.00020
SDev	.00699	.00194	.00137	.00002	.00001	.00063	.00001
%RSD	.80468	3460.8	29.003	.18364	1.3764	20.444	4.5312
#1	.87323	.00143	.00376	.00928	-.00069	.00354	-.00019
#2	.86335	-.00131	.00570	.00930	-.00070	.00265	-.00021

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0553	.00128	.00001	.00262	.62034	.00160	.00523
SDev	.0135	.00002	.00014	.00051	.00257	.00003	.00121
%RSD	.26613	1.3244	1867.7	19.538	.41486	1.6387	23.158
#1	5.0648	.00127	.00011	.00298	.62216	.00162	.00609
#2	5.0458	.00129	-.00009	.00226	.61852	.00158	.00437

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.44806	.01969	.00413	.00067	1.6346	1.7830
SDev	.00275	.00034	.00003	.00171	.00006	.0124	.0136
%RSD	214.92	.07505	.12674	41.400	8.9987	.76160	.76340
#1	-.00066	.44830	.01967	.00533	.00062	1.6434	1.7927
#2	.00322	.44782	.01971	.00292	.00071	1.6258	1.7734

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	4.6440	4.3443	.01201	.00102	.00012	.01164
SDev	.00002	.0453	.0085	.00001	.00111	.00050	.00076
%RSD	9.8730	.97586	.19468	.10156	109.02	421.77	6.5717
#1	-.00023	4.6120	4.3503	.01202	.00181	.00047	.01218
#2	-.00027	4.6761	4.3383	.01200	.00023	-.00023	.01110

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00244	.08493	.00471	.00549	-.00583	.00483
SDev	.00018	.00017	.00060	.00152	.00071	.00377
%RSD	7.4547	.20181	12.619	27.682	12.232	77.870
#1	.00231	.08481	.00513	.00656	-.00634	.00217

#2	.00257	.08505	.00429	.00441	-.00533	.00750

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38389	--	--	--	--	--	--
SDev	9.899495	--	--	--	--	--	--
%RSD	.0257873	--	--	--	--	--	--
#1	38396	--	--	--	--	--	--
#2	38382	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52530-a-2-a Operator: DCL
Run Time: 03/28/12 18:37:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9355	.00560	.00512	.08629	-.00064	.24168	.00016
SDev	.0053	.00031	.00112	.00007	.00001	.00154	.00018
%RSD	.17953	5.5089	21.928	.07982	2.2483	.63866	115.38
#1	2.9392	.00581	.00433	.08633	-.00063	.24277	.00003
#2	2.9318	.00538	.00592	.08624	-.00065	.24058	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.912	.00884	.00181	.03256	3.6933	.01689	.08668
SDev	.130	.00006	.00050	.00019	.0102	.00010	.00062
%RSD	.23270	.64198	27.672	.57038	.27551	.58838	.71463
#1	56.004	.00880	.00145	.03243	3.6862	.01696	.08624
#2	55.820	.00888	.00216	.03269	3.7005	.01682	.08712

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	2.3568	.10867	.00877	.00926	21.084	7.7779
SDev	.00444	.0033	.00009	.00001	.00089	.057	.0107
%RSD	246.60	.14169	.08522	.09549	9.5844	.27000	.13734
#1	.00494	2.3592	.10874	.00878	.00863	21.124	7.7854
#2	-.00134	2.3545	.10861	.00877	.00988	21.044	7.7703

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	33.520	31.223	.15776	.00092	.00947	.05695
SDev	.00070	.038	.084	.00021	.00218	.00007	.00006
%RSD	206.92	.11362	.26769	.13620	237.74	.72593	.10094

Analysis Report 03/28/12 06:41:19 PM page 20

#1	-.00016	33.493	31.282	.15791	.00245	.00943	.05691
#2	.00084	33.547	31.164	.15760	-.00062	.00952	.05699

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00876	.47193	.08327	.08839	-.00378	.00459
SDev	.00020	.00043	.00168	.00009	.00290	.00521
%RSD	2.3156	.09178	2.0202	.09966	76.775	113.36

#1	.00891	.47223	.08208	.08833	-.00173	.00827	
#2	.00862	.47162	.08446	.08845	-.00584	.00091	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39044	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1032312	--	--	--	--	--	--
#1	39015	--	--	--	--	--	--
#2	39072	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52550-d-1-a@50 Operator: DCL
Run Time: 03/28/12 18:41:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07280	.00154	.00260	.00135	-.00072	-.00600	-.00019
SDev	.00358	.00095	.00059	.00006	.00000	.00051	.00015
%RSD	4.9112	61.316	22.687	4.8578	.10429	8.5054	80.119
#1	.07027	.00087	.00218	.00130	-.00072	-.00636	-.00008
#2	.07533	.00221	.00301	.00139	-.00072	-.00564	-.00030

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1419	.00030	.00009	-.00219	.07954	.00072	.00088
SDev	.0080	.00047	.00003	.00040	.00703	.00001	.00015
%RSD	.70383	154.78	31.506	18.370	8.8325	1.7894	17.392
#1	1.1476	-.00003	.00007	-.00247	.08451	.00071	.00077
#2	1.1362	.00063	.00011	-.00190	.07458	.00073	.00099

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.16518	.00187	.00089	-.00007	11.046	.06068
SDev	.00145	.00002	.00006	.00113	.00024	.061	.00216
%RSD	144.54	.01336	3.2552	126.50	336.06	.55368	3.5643
#1	.00203	.16517	.00183	.00169	.00010	11.089	.05916
#2	-.00002	.16520	.00192	.00009	-.00024	11.003	.06221

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 03/28/12 06:45:10 PM page 21

Avge	.00005	40.735	36.948	.00683	.00036	.00020	.00028
SDev	.00025	.155	.243	.00001	.00143	.00064	.00016
%RSD	535.82	.37938	.65894	.18774	396.88	320.39	55.429
#1	.00022	40.844	37.120	.00682	-.00065	.00065	.00017
#2	-.00013	40.625	36.776	.00684	.00137	-.00025	.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00649	.00265	.00000	-.00408	.00355

SDev	.00051	.00013	.00399	.00176	.00278	.00357	
%RSD	235.19	2.0404	150.71	103070.	68.202	100.64	
#1	-.00014	.00640	-.00017	.00125	-.00605	.00608	
#2	.00058	.00659	.00546	-.00124	-.00211	.00102	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38504	--	--	--	--	--	--
SDev	31.81980	--	--	--	--	--	--
%RSD	.0826413	--	--	--	--	--	--
#1	38526	--	--	--	--	--	--
#2	38481	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52554-c-12-a Operator: DCL
Run Time: 03/28/12 18:45:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1286	.00226	.00745	.02641	-.00060	.01824	-.00015
SDev	.0163	.00165	.00014	.00014	.00000	.00071	.00014
%RSD	1.4473	73.026	1.8375	.54084	.13243	3.9120	92.595
#1	1.1401	.00343	.00755	.02651	-.00060	.01875	-.00025
#2	1.1170	.00109	.00736	.02631	-.00060	.01774	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.901	.00309	.00019	.01248	.66435	.00217	.00145
SDev	.086	.00019	.00023	.00022	.00785	.00003	.00059
%RSD	.41121	6.0712	121.83	1.7704	1.1815	1.5100	40.195
#1	20.962	.00322	.00035	.01263	.66990	.00220	.00187
#2	20.841	.00296	.00003	.01232	.65880	.00215	.00104

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	1.8824	.02658	.01674	.00362	3.0976	3.9239
SDev	.00099	.0108	.00011	.00021	.00064	.0218	.0230
%RSD	44.577	.57405	.40536	1.2307	17.828	.70481	.58709
#1	.00291	1.8901	.02666	.01660	.00316	3.1131	3.9402

#2	.00152	1.8748	.02651	.01689	.00408	3.0822	3.9076

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	6.1783	5.6762	.05523	-.00053	-.00009	.02302
SDev	.00012	.0323	.0310	.00029	.00099	.00047	.00236
%RSD	1161.7	.52211	.54557	.53252	187.53	539.06	10.259
#1	-.00010	6.1555	5.6981	.05544	.00017	.00025	.02469
#2	.00008	6.2011	5.6543	.05502	-.00123	-.00042	.02135

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01356	.11745	.00096	.00170	-.00655	.00659
SDev	.00012	.00004	.00061	.00057	.00051	.00122
%RSD	.88829	.03669	63.660	33.598	7.8184	18.572
#1	.01348	.11748	.00139	.00211	-.00618	.00746
#2	.01365	.11742	.00053	.00130	-.00691	.00573

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38192	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1055314	--	--	--	--	--	--
#1	38164	--	--	--	--	--	--
#2	38221	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52554-d-13-a Operator: DCL
Run Time: 03/28/12 18:49:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53078	.00512	.02128	.15258	-.00078	.33059	.00068
SDev	.00217	.00062	.00322	.00031	.00000	.00111	.00006
%RSD	.40951	12.028	15.108	.20368	.33071	.33469	9.1852
#1	.53231	.00556	.02356	.15236	-.00078	.32981	.00064
#2	.52924	.00468	.01901	.15280	-.00078	.33138	.00073

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.79	.01287	.00064	.02806	.81198	.02554	.00632
SDev	.13	.00012	.00012	.00066	.00218	.00009	.00035
%RSD	.11411	.89958	18.545	2.3654	.26892	.34579	5.6115
#1	113.70	.01278	.00055	.02853	.81352	.02548	.00657
#2	113.88	.01295	.00072	.02759	.81043	.02561	.00607

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	11.731	.03728	.01591	.04316	29.318	6.8429

SDev	.00212	.023	.00024	.00104	.00011	.015	.0124
%RSD	92.141	.19854	.64425	6.5377	.26245	.04970	.18153
#1	.00381	11.715	.03711	.01518	.04308	29.328	6.8341
#2	.00080	11.748	.03745	.01665	.04324	29.308	6.8517

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	782.22	473.18	.88830	.00081	-.00039	.00984
SDev	.00023	1.01	3.16	.00074	.00083	.00079	.00070
%RSD	375.80	.12863	.66831	.08331	103.30	202.12	7.1028
#1	-.00023	781.51	475.42	.88778	.00022	.00017	.01033
#2	.00010	782.93	470.95	.88882	.00139	-.00095	.00934

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01782	.79405	.00584	.00656	-.00201	.00446
SDev	.00030	.00098	.00049	.00078	.00292	.00172
%RSD	1.6786	.12314	8.4389	11.866	145.06	38.628
#1	.01803	.79336	.00549	.00711	.00005	.00568
#2	.01761	.79474	.00618	.00601	-.00408	.00324

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36640	--	--	--	--	--	--
SDev	70.00357	--	--	--	--	--	--
%RSD	.1910552	--	--	--	--	--	--
#1	36591	--	--	--	--	--	--
#2	36690	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52562-b-2-a Operator: DCL
Run Time: 03/28/12 18:52:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72350	.00882	.00469	.17267	-.00087	.31750	.00044
SDev	.00275	.00141	.00272	.00028	.00001	.00092	.00006
%RSD	.38014	15.975	58.116	.16236	1.3790	.28894	12.830
#1	.72545	.00982	.00662	.17287	-.00088	.31815	.00048
#2	.72156	.00783	.00276	.17247	-.00086	.31685	.00040

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	471.91	.41354	.00075	.00332	.05283	.02760	.00085
SDev	1.21	.00115	.00009	.00022	.00881	.00001	.00054
%RSD	.25572	.27871	12.236	6.6139	16.674	.04665	63.275
#1	472.77	.41436	.00082	.00316	.05905	.02761	.00123

#2	471.06	.41273	.00069	.00347	.04660	.02759	.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00472	2.9077	.01683	1.4070	.05649	140.90	6.5865
SDev	.00027	.0090	.00007	.0023	.00016	.39	.0132
%RSD	5.7168	.30879	.39181	.16596	.28976	.27681	.20105
#1	.00492	2.9141	.01688	1.4054	.05660	141.18	6.5959
#2	.00453	2.9014	.01678	1.4087	.05637	140.62	6.5772

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	600.61	392.76	1.4021	.00348	.00097	-.00274
SDev	.00010	1.85	1.42	.0026	.00426	.00013	.00001
%RSD	64.613	.30880	.36191	.18444	122.43	13.835	.44210

#1	-.00009	601.93	393.76	1.4039	.00649	.00106	-.00273
#2	-.00023	599.30	391.75	1.4002	.00047	.00087	-.00274

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00577	.33272	.00070	.00092	.00102	.00657
SDev	.00017	.00037	.00230	.00035	.00083	.00001
%RSD	2.9026	.11153	326.99	37.914	80.937	.19057
#1	.00589	.33298	.00233	.00067	.00160	.00656
#2	.00565	.33246	-.00092	.00116	.00044	.00658

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35900	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.2659074	--	--	--	--	--	--
#1	35832	--	--	--	--	--	--
#2	35967	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 18:56:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4780	.52463	.50537	.52377	.47304	.50581	.53336
SDev	.0200	.00050	.00277	.00204	.00045	.00194	.00065
%RSD	.80870	.09507	.54801	.39004	.09598	.38277	.12123
#1	2.4922	.52499	.50733	.52521	.47336	.50717	.53381
#2	2.4638	.52428	.50342	.52232	.47272	.50444	.53290

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.486	.48409	.48762	.48112	2.6164	.48428	.50520
SDev	.040	.00115	.00209	.00287	.0087	.00316	.00058
%RSD	.32260	.23823	.42770	.59560	.33138	.65319	.11466
#1	12.515	.48491	.48910	.48314	2.6226	.48652	.50561
#2	12.458	.48327	.48615	.47909	2.6103	.48204	.50479

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50211	4.8759	.48946	.51314	.53156	12.833	.93595
SDev	.00125	.0018	.00151	.00225	.00136	.006	.00736
%RSD	.24793	.03664	.30781	.43868	.25519	.04811	.78605
#1	.50299	4.8772	.49052	.51473	.53252	12.837	.94115
#2	.50123	4.8747	.48839	.51154	.53060	12.829	.93075

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.24838	12.911	12.512	.26353	.54752	.50602	.50671
SDev	.00151	.209	.157	.00088	.00685	.00025	.00153
%RSD	.60591	1.6156	1.2567	.33348	1.2501	.04911	.30286
#1	.24945	13.058	12.623	.26416	.54268	.50585	.50780
#2	.24732	12.763	12.401	.26291	.55236	.50620	.50563

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49233	.52638	.47996	.51782	.48147	.51249
SDev	.00098	.00137	.00195	.00011	.00467	.00047
%RSD	.19815	.26089	.40677	.02071	.97085	.09166
#1	.49302	.52735	.48134	.51774	.48478	.51215
#2	.49164	.52540	.47858	.51789	.47817	.51282

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38846	--	--	--	--	--	--
SDev	271.5290	--	--	--	--	--	--
%RSD	.6989883	--	--	--	--	--	--
#1	39038	--	--	--	--	--	--
#2	38654	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 19:00:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05976	-.00015	.00279	.00005	-.00065	-.00782	-.00020
SDev	.00582	.00385	.00136	.00017	.00004	.00151	.00003
%RSD	9.7387	2515.3	48.720	354.42	5.8417	19.253	13.240

#1	.06388	.00257	.00375	.00017	-.00063	-.00676	-.00022
#2	.05565	-.00287	.00183	-.00007	-.00068	-.00889	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00722	.00015	-.00038	-.00250	-.01252	.00073	.00071
SDev	.00170	.00056	.00023	.00070	.00815	.00004	.00005
%RSD	23.539	381.29	61.293	28.057	65.073	5.5718	7.1896
#1	-.00842	.00054	-.00022	-.00200	-.00676	.00075	.00074
#2	-.00602	-.00025	-.00054	-.00300	-.01828	.00070	.00067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.03693	.00010	.00233	-.00035	.30659	-.00848
SDev	.00031	.00209	.00008	.00178	.00022	.00178	.00289
%RSD	54.498	5.6534	82.074	76.422	63.272	.58003	34.111
#1	.00079	.03545	.00015	.00359	-.00020	.30785	-.00643
#2	.00035	.03841	.00004	.00107	-.00051	.30534	-.01052

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	-.18613	.05253	.00003	.00137	-.00194	.00020
SDev	.00035	.10327	.00279	.00005	.00029	.00082	.00030
%RSD	92.653	55.482	5.3125	200.90	21.100	42.283	150.22
#1	-.00013	-.11311	.05450	.00006	.00117	-.00136	.00041
#2	-.00063	-.25916	.05056	-.00001	.00158	-.00251	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00056	.00036	.00088	-.00469	.00320
SDev	.00081	.00021	.00515	.00265	.00589	.00341
%RSD	1561.6	37.976	1418.8	302.61	125.52	106.60
#1	.00052	.00071	-.00328	.00275	-.00885	.00561
#2	-.00063	.00041	.00401	-.00100	-.00053	.00079

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38116	--	--	--	--	--	--
SDev	200.8183	--	--	--	--	--	--
%RSD	.5268609	--	--	--	--	--	--
#1	38258	--	--	--	--	--	--
#2	37974	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52562-b-3-a Operator: DCL
Run Time: 03/28/12 19:04:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.72169	.00933	.00359	.16475	-.00085	.30393	-.00017
SDev	.00179	.00233	.00046	.00012	.00000	.00042	.00006
%RSD	.24873	25.015	12.762	.07071	.41269	.13918	34.359
#1	.72296	.00768	.00327	.16484	-.00085	.30363	-.00021
#2	.72042	.01098	.00392	.16467	-.00085	.30422	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	493.42	.41154	.00086	.00195	.04216	.02688	.00004
SDev	.87	.00085	.00000	.00046	.01009	.00001	.00106
%RSD	.17615	.20659	.05102	23.326	23.930	.04815	2618.6
#1	494.04	.41214	.00086	.00163	.04929	.02689	.00079
#2	492.81	.41094	.00086	.00227	.03502	.02687	-.00071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00420	2.7358	.01704	1.4711	.06148	148.33	6.1913
SDev	.00362	.0076	.00000	.0048	.00001	.20	.0128
%RSD	86.151	.27845	.02512	.32718	.01916	.13274	.20637

#1	.00675	2.7412	.01703	1.4677	.06148	148.47	6.2004
#2	.00164	2.7304	.01704	1.4745	.06147	148.19	6.1823

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	598.10	395.72	1.4546	.00671	.00110	-.00303
SDev	.00019	1.06	1.65	.0025	.00036	.00133	.00002
%RSD	121.03	.17649	.41608	.17367	5.4231	121.72	.69463

#1	.00029	598.85	396.89	1.4564	.00645	.00015	-.00301
#2	.00002	597.35	394.56	1.4528	.00697	.00204	-.00304

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00595	.32940	-.00176	.00094	.00165	.00547
SDev	.00006	.00051	.00207	.00056	.00369	.00358
%RSD	.91931	.15374	117.94	59.537	223.13	65.433

#1	.00591	.32976	-.00029	.00133	.00426	.00800
#2	.00599	.32905	-.00322	.00054	-.00096	.00294

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35532	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.1014943	--	--	--	--	--	--

#1	35506	--	--	--	--	--	--
#2	35557	--	--	--	--	--	--

03/28/12 07:12:09 PM page 28

Method: 20076010 Sample Name: 600-52562-b-4-a Operator: DCL
Run Time: 03/28/12 19:08:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60808	.00795	.00420	.17726	-.00089	.31431	-.00008
SDev	.00102	.00136	.00084	.00057	.00000	.00058	.00004
%RSD	.16789	17.065	20.071	.32295	.24442	.18386	53.444

#1	.60880	.00699	.00479	.17767	-.00089	.31472	-.00005
#2	.60736	.00891	.00360	.17686	-.00088	.31390	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	402.16	.29944	.00097	.00520	.06151	.02580	.00000
SDev	1.07	.00092	.00046	.00012	.00112	.00001	.00073
%RSD	.26642	.30669	47.343	2.3939	1.8253	.03825	24570.

#1	402.91	.30009	.00129	.00511	.06230	.02581	.00052
#2	401.40	.29879	.00064	.00528	.06072	.02580	-.00051

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00281	2.8325	.01631	.89569	.07577	132.69	6.6593

SDev	.00238	.0056	.00000	.00176	.00017	.47	.0146
%RSD	84.726	.19854	.00257	.19595	.22976	.35648	.21916
#1	.00113	2.8365	.01631	.89445	.07589	133.02	6.6696
#2	.00450	2.8285	.01631	.89693	.07565	132.35	6.6490
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	528.25	356.18	1.1628	.00381	.00196	-.00229
SDev	.00032	1.27	1.66	.0034	.00094	.00130	.00017
%RSD	1293.4	.24034	.46605	.29070	24.545	66.455	7.6302
#1	.00025	529.15	357.35	1.1652	.00447	.00289	-.00217
#2	-.00020	527.35	355.00	1.1604	.00315	.00104	-.00242
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00479	.30254	-.00048	.00024	-.00251	.00548	
SDev	.00003	.00090	.00083	.00068	.00330	.00192	
%RSD	.57295	.29616	172.96	280.50	131.74	35.141	
#1	.00477	.30317	.00011	.00073	-.00485	.00411	
#2	.00481	.30191	-.00106	-.00024	-.00017	.00684	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35762	--	--	--	--	--	--
SDev	92.63099	--	--	--	--	--	--
%RSD	.2590244	--	--	--	--	--	--

#1	35696	--	--	--	--	--	--
#2	35827	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/28/12 19:12:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4978	.52941	.51457	.52825	.48081	.50950	.53872
SDev	.0446	.00816	.00172	.00662	.00473	.00758	.00644
%RSD	1.7864	1.5405	.33510	1.2541	.98457	1.4877	1.1955
#1	2.5294	.53517	.51579	.53293	.48416	.51485	.54328
#2	2.4663	.52364	.51335	.52356	.47746	.50414	.53417
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.634	.49095	.49456	.48671	2.6420	.48733	.51104
SDev	.152	.00604	.00563	.00671	.0391	.00705	.00631
%RSD	1.2009	1.2300	1.1376	1.3778	1.4807	1.4477	1.2351
#1	12.741	.49522	.49854	.49145	2.6697	.49232	.51550
#2	12.526	.48668	.49059	.48197	2.6144	.48234	.50658

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50875	4.9527	.49545	.52181	.53303	12.986	.94384
SDev	.00394	.0631	.00559	.00627	.00645	.160	.01741
%RSD	.77349	1.2738	1.1283	1.2013	1.2103	1.2333	1.8448
#1	.51153	4.9973	.49941	.52624	.53759	13.099	.95615
#2	.50597	4.9081	.49150	.51738	.52847	12.872	.93152

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25105	12.866	12.554	.26602	.54751	.51239	.51263
SDev	.00354	.302	.203	.00317	.00300	.00432	.00649
%RSD	1.4112	2.3485	1.6188	1.1922	.54888	.84357	1.2662
#1	.25355	13.080	12.697	.26826	.54538	.51544	.51722
#2	.24854	12.652	12.410	.26378	.54963	.50933	.50804

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49873	.53285	.49007	.52152	.48744	.51946
SDev	.00591	.00561	.00421	.00736	.00710	.00235
%RSD	1.1855	1.0528	.85917	1.4117	1.4559	.45336
#1	.50291	.53681	.49305	.52673	.49246	.52113
#2	.49455	.52888	.48710	.51632	.48242	.51780

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/28/12 07:16:00 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38328	--	--	--	--	--	--
SDev	183.1407	--	--	--	--	--	--
%RSD	.4778185	--	--	--	--	--	--
#1	38199	--	--	--	--	--	--
#2	38458	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/28/12 19:16:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06655	.00359	.00500	.00023	-.00065	-.00714	-.00009
SDev	.00123	.00131	.00215	.00005	.00000	.00020	.00001
%RSD	1.8467	36.559	43.040	20.301	.05151	2.8110	13.570
#1	.06568	.00452	.00348	.00020	-.00065	-.00729	-.00010
#2	.06742	.00266	.00652	.00027	-.00065	-.00700	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00662	.00111	.00014	-.00148	.00830	.00080	.00083
SDev	.00270	.00027	.00000	.00029	.00245	.00004	.00046
%RSD	40.737	24.234	.06228	19.474	29.543	4.7015	55.758

#1	-.00852	.00092	.00014	-.00168	.00656	.00083	.00116
#2	-.00471	.00130	.00014	-.00127	.01003	.00078	.00050

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	.04433	.00021	.00307	.00000	.36196	-.00422
SDev	.00012	.00041	.00004	.00126	.00014	.01661	.00011
%RSD	6.6302	.92539	19.003	40.970	3159.0	4.5886	2.6469

#1	.00182	.04404	.00018	.00396	-.00010	.37370	-.00430
#2	.00166	.04462	.00024	.00218	.00010	.35021	-.00414

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.06371	.05656	.00012	.00307	-.00086	.00056
SDev	.00003	.07465	.00248	.00003	.00079	.00049	.00006
%RSD	103.35	117.17	4.3819	25.922	25.676	56.742	10.677

#1	.00004	-.11649	.05831	.00010	.00251	-.00052	.00060
#2	.00001	-.01092	.05481	.00014	.00363	-.00121	.00052

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.00068	-.00054	.00152	-.00608	.00565
SDev	.00005	.00007	.00031	.00054	.00304	.00169
%RSD	4.7938	10.056	57.708	35.636	49.920	29.918

#1	.00109	.00064	-.00032	.00190	-.00823	.00685

#2	.00117	.00073	-.00076	.00113	-.00393	.00446

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37930	--	--	--	--	--	--
SDev	12.02082	--	--	--	--	--	--
%RSD	.0316925	--	--	--	--	--	--

#1	37921	--	--	--	--	--	--
#2	37938	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 03/28/12 19:19:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	495.76	.00328	.00207	.00187	-.00088	-.00962	-.00678
SDev	.36	.00285	.00370	.00005	.00001	.00084	.00001
%RSD	.07229	86.999	178.74	2.6957	1.2466	8.6807	.12624

#1	496.01	.00126	.00469	.00184	-.00088	-.00903	-.00678
#2	495.50	.00529	-.00055	.00191	-.00089	-.01021	-.00677

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.09	.00180	-.00076	.01112	199.96	.00508	.00651
SDev	.05	.00010	.00000	.00052	.02	.00002	.00010

%RSD	.01134	5.3059	.37371	4.6569	.01210	.33074	1.4519
#1	453.06	.00187	-.00077	.01148	199.94	.00509	.00658
#2	453.13	.00174	-.00076	.01075	199.98	.00507	.00644
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01220	508.59	-.00735	.00194	-.00004	.40301	.00565
SDev	.00206	.59	.00001	.00103	.00028	.00661	.00063
%RSD	16.852	.11566	.07060	53.130	783.50	1.6407	11.204
#1	-.01366	508.18	-.00735	.00267	.00016	.40768	.00609
#2	-.01075	509.01	-.00734	.00121	-.00023	.39833	.00520
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	.04238	.25510	-.00875	.01046	-.00399	-.00340
SDev	.00011	.11084	.00370	.00000	.00635	.00286	.00001
%RSD	14.113	261.54	1.4515	.01699	60.721	71.700	.35341
#1	-.00068	-.03600	.25772	-.00876	.00597	-.00197	-.00339
#2	-.00083	.12076	.25249	-.00875	.01496	-.00602	-.00341
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00442	-.00274	-.01369	.01661	-.01150	-.01255	

SDev	.00013	.00016	.00018	.00023	.00420	.00098	
%RSD	2.8338	5.7095	1.2978	1.3884	36.519	7.8416	
#1	.00433	-.00285	-.01382	.01678	-.01447	-.01325	
#2	.00451	-.00263	-.01357	.01645	-.00853	-.01186	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34861	--	--	--	--	--	--
SDev	83.43860	--	--	--	--	--	--
%RSD	.2393465	--	--	--	--	--	--
#1	34802	--	--	--	--	--	--
#2	34920	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 03/28/12 19:23:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	504.49	1.1107	1.0628	1.1087	.47716	1.0873	.50666
SDev	2.43	.0086	.0019	.0048	.00143	.0037	.00282
%RSD	.48079	.77228	.17895	.42876	.29891	.33785	.55628
#1	506.20	1.1168	1.0642	1.1121	.47817	1.0899	.50866
#2	502.77	1.1047	1.0615	1.1053	.47616	1.0847	.50467
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	460.69	.97295	.94728	1.0576	209.87	1.2431	1.0195
SDev	1.70	.00347	.00412	.0054	.92	.0072	.0086
%RSD	.36846	.35679	.43523	.51396	.43711	.57755	.84255
#1	461.89	.97541	.95019	1.0614	210.52	1.2482	1.0256
#2	459.49	.97050	.94436	1.0537	209.22	1.2380	1.0134
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0205	519.35	.99074	1.0354	1.0053	15.191	1.0195
SDev	.0072	2.08	.00407	.0048	.0063	.063	.0079
%RSD	.70786	.40037	.41029	.46220	.62917	.41350	.77948
#1	1.0256	520.82	.99361	1.0388	1.0097	15.235	1.0251
#2	1.0154	517.88	.98786	1.0320	1.0008	15.146	1.0139
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55294	12.114	13.986	.53731	1.1044	1.0167	1.0295
SDev	.00353	.066	.081	.00242	.0057	.0043	.0039
%RSD	.63930	.54162	.58089	.44978	.51166	.42236	.37416
#1	.55544	12.160	14.043	.53902	1.1004	1.0197	1.0323
#2	.55044	12.068	13.928	.53560	1.1084	1.0136	1.0268

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99619	1.0741	.95147	1.0535	.99063	1.0354
SDev	.00396	.0056	.00392	.0109	.00128	.0102
%RSD	.39716	.52584	.41186	1.0370	.12876	.98486
#1	.99899	1.0781	.95424	1.0612	.99153	1.0426
#2	.99340	1.0701	.94870	1.0458	.98973	1.0282

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34920	--	--	--	--	--	--
SDev	69.29646	--	--	--	--	--	--
%RSD	.1984435	--	--	--	--	--	--
#1	34871	--	--	--	--	--	--
#2	34969	--	--	--	--	--	--

Metals Worksheet

Batch Number: 600-75902
Method: 245.1
Analyst: Patel, Silen R

Date Open: Mar 28 2012 4:43PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0312S1_00022	MER0312S2_00019
S0						
S0.2						
S0.5						
S1.0						
S2.0						
S5.0						
S10.0						
ICV~600-75902/8		7470A		50 mL		1.5 mL
ICB~600-75902/9		7470A				
CRA~600-75902/10		7470A		50 mL	.1 mL	
CCV~600-75902/11		7470A		50 mL		1.5 mL
CCB~600-75902/12		7470A				
MB~600-75815/7-A		7470A				
LCS~600-75815/8-A		7470A				
LB~600-75710/1-E		7470A				
600-52295-A-1-F		7470A	P			
600-52295-A-1-G~DU		7470A	P			
600-52295-A-1-H~MS		7470A	P			
600-52295-A-2-F		7470A	P			
600-52295-A-4-H		7470A	P			
600-52295-A-5-F		7470A	P			
600-52295-A-6-H		7470A	P			
CCV~600-75902/23		7470A		50 mL		1.5 mL
CCB~600-75902/24		7470A				
600-52117-B-1-D		7470A	P			

Metals Worksheet

Batch Number: 600-75902
Method: 245.1
Analyst: Patel, Silen R

Date Open: Mar 28 2012 4:43PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0312S1_00022	MER0312S2_00019
600-52258-D-1-E		7470A	P			
600-52432-C-1-G		7470A	P			
600-52207-G-1-F		7470A	P			
600-52208-G-1-H		7470A	P			
600-52208-G-1-I~DU		7470A	P			
600-52208-G-1-J~MS		7470A	P			
600-52209-G-1-F		7470A	P			
600-52210-G-1-H		7470A	P			
600-52212-G-1-F		7470A	P			
CCV~600-75902/35		7470A		50 mL		1.5 mL
CCB~600-75902/36		7470A				
600-52215-G-1-G		7470A	P			
600-52350-A-1-F		7470A	P			
600-52295-A-3-F		7470A	P			
LB~600-75712/1-D		7470A				
600-52214-G-1-G		7470A	P			
LB~600-75739/1-E		7470A				
600-52256-F-1-H		7470A	P			
600-52256-G-2-G		7470A	P			
600-52258-B-2-G		7470A	P			
600-51958-B-1-B		7470A	T			
CCV~600-75902/47		7470A		50 mL		1.5 mL
CCB~600-75902/48		7470A				
600-51958-B-2-B		7470A	T			
600-51958-B-3-B		7470A	T			

Metals Worksheet

Batch Number: 600-75902
Method: 245.1
Analyst: Patel, Silen R

Date Open: Mar 28 2012 4:43PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0312S1_00022	MER0312S2_00019
600-51958-A-3-C~MS		7470A	T			
600-51958-A-3-D~MSD		7470A	T			
600-51958-A-4-B		7470A	T			
600-52344-B-1-B		7470A	T			
600-52295-A-1-F~SD		7470A	P			
600-51958-B-3-B~SD		7470A	T			
CCV~600-75902/57		7470A		50 mL		1.5 mL
CCB~600-75902/58		7470A				

Analysis Begun

Logged In Analyst: houston_wetchem_inst Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 75815
Results Data Set: FW032812
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Method Loaded
Method Name: Mercury Soil & Water Method Last Saved: 9/1/2011 15:23:28
Method Description: Mercury Analysis

Sequence No.: 1 Autosampler Location: 2
Sample ID: S0 Date Collected: 3/28/2012 16:43:53
Analyst: Data Type: Original

Replicate Data: S0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0006	0.0011	0.0006	16:44:59	Yes
2		[0.00]	0.0005	-0.0001	0.0005	16:45:41	Yes
Mean:		[0.00]	0.0005				
SD:		0.00	0.0001				
%RSD:		0.00	16.33				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 3
Sample ID: S0.2 Date Collected: 3/28/2012 16:45:43
Analyst: Data Type: Original

Replicate Data: S0.2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0015	0.0089	0.0020	16:46:48	Yes
2		[0.2]	0.0016	0.0083	0.0021	16:47:30	Yes
Mean:		[0.2]	0.0015				
SD:		0.0	0.0000				
%RSD:		0.0	1.08				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.00769 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 4
Sample ID: S0.5 Date Collected: 3/28/2012 16:47:32
Analyst: Data Type: Original

Replicate Data: S0.5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0039	0.0228	0.0044	16:48:37	Yes
2		[0.5]	0.0038	0.0199	0.0043	16:49:19	Yes
Mean:		[0.5]	0.0039				
SD:		0.0	0.0001				
%RSD:		0.0	2.42				

Standard number 2 applied. [0.5]
Correlation Coef.: 1.000000 Slope: 0.00771 Intercept: -0.00000

Sequence No.: 4 Autosampler Location: 5
Sample ID: S1.0 Date Collected: 3/28/2012 16:49:21
Analyst: Data Type: Original

Replicate Data: S1.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.0]	0.0078	0.0422	0.0083	16:50:26	Yes
2		[1.0]	0.0078	0.0433	0.0083	16:51:13	Yes
Mean:		[1.0]	0.0078				
SD:		0.0	0.0000				
%RSD:		0.0	0.48				

Standard number 3 applied. [1.0]
Correlation Coef.: 0.999978 Slope: 0.00781 Intercept: -0.00002

Sequence No.: 5 Autosampler Location: 6
Sample ID: S2.0 Date Collected: 3/28/2012 16:51:15
Analyst: Data Type: Original

Replicate Data: S2.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.0]	0.0156	0.0852	0.0161	16:52:21	Yes
2		[2.0]	0.0155	0.0846	0.0160	16:53:03	Yes
Mean:		[2.0]	0.0156				
SD:		0.0	0.0001				
%RSD:		0.0	0.41				

Standard number 4 applied. [2.0]
Correlation Coef.: 0.999994 Slope: 0.00779 Intercept: -0.00001

Sequence No.: 6 Autosampler Location: 7
Sample ID: S5.0 Date Collected: 3/28/2012 16:53:05
Analyst: Data Type: Original

Replicate Data: S5.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.0]	0.0392	0.2126	0.0398	16:54:11	Yes
2		[5.0]	0.0393	0.2123	0.0399	16:54:53	Yes
Mean:		[5.0]	0.0393				
SD:		0.0	0.0001				
%RSD:		0.0	0.19				

Standard number 5 applied. [5.0]
Correlation Coef.: 0.999991 Slope: 0.00786 Intercept: -0.00006

Sequence No.: 7 Autosampler Location: 8
Sample ID: S10.0 Date Collected: 3/28/2012 16:55:40
Analyst: Data Type: Original

Replicate Data: S10.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10.0]	0.0807	0.4345	0.0812	16:56:46	Yes
2		[10.0]	0.0813	0.4425	0.0818	16:57:27	Yes
Mean:		[10.0]	0.0810				
SD:		0.0	0.0004				
%RSD:		0.0	0.48				

Standard number 6 applied. [10.0]
Correlation Coef.: 0.999891 Slope: 0.00809 Intercept: -0.00030

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
S0	0.0000	0	0.038	0.00	16.3
S0.2	0.0015	0.2	0.228	0.00	1.1
S0.5	0.0039	0.5	0.514	0.00	2.4
S1.0	0.0078	1.0	1.003	0.00	0.5

S2.0	0.0156	2.0	1.962	0.00	0.4
S5.0	0.0393	5.0	4.898	0.00	0.2
S10.0	0.0810	10.0	10.057	0.00	0.5

Correlation Coef.: 0.999891 Slope: 0.00809 Intercept: -0.00030

Sequence No.: 8 — **Autosampler Location: 1**
Sample ID: ICV — **Date Collected: 3/28/2012 16:58:19**
Analyst: — **Data Type: Original**

Replicate Data: ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.023	3.023	0.0241	0.1309	0.0246	16:59:24	Yes
2	3.060	3.060	0.0244	0.1321	0.0249	17:00:07	Yes
Mean:	3.042	3.042	0.0243				
SD:	0.026	0.026	0.0002				
%RSD:	0.860	0.860	0.87				

QC value within limits for Hg 253.7 Recovery = 101.38%
All analyte(s) passed QC.

Sequence No.: 9 — **Autosampler Location: 2**
Sample ID: ICB — **Date Collected: 3/28/2012 17:00:53**
Analyst: — **Data Type: Original**

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.041	0.041	0.0000	0.0020	0.0005	17:01:59	Yes
2	0.038	0.038	-0.0000	0.0018	0.0005	17:02:41	Yes
Mean:	0.039	0.039	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	6.258	6.258	153.14				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 10 — **Autosampler Location: 3**
Sample ID: CRA — **Date Collected: 3/28/2012 17:02:43**
Analyst: — **Data Type: Original**

Replicate Data: CRA

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.234	0.234	0.0016	0.0103	0.0021	17:03:48	Yes
2	0.232	0.232	0.0016	0.0097	0.0021	17:04:30	Yes
Mean:	0.233	0.233	0.0016				
SD:	0.001	0.001	0.0000				
%RSD:	0.608	0.608	0.72				

QC value within limits for Hg 253.7 Recovery = 116.44%
All analyte(s) passed QC.

Sequence No.: 11 — **Autosampler Location: 1**
Sample ID: CCV — **Date Collected: 3/28/2012 17:04:32**
Analyst: — **Data Type: Original**

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.009	3.009	0.0240	0.1309	0.0245	17:05:38	Yes
2	3.003	3.003	0.0240	0.1305	0.0245	17:06:20	Yes
Mean:	3.006	3.006	0.0240				
SD:	0.004	0.004	0.0000				
%RSD:	0.144	0.144	0.15				

QC value within limits for Hg 253.7 Recovery = 100.20%
All analyte(s) passed QC.

Sequence No.: 12 Autosampler Location: 2
Sample ID: CCB Date Collected: 3/28/2012 17:07:11
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.037	0.037	-0.0000	0.0020	0.0005	17:08:16	Yes
2	0.039	0.039	0.0000	0.0030	0.0005	17:08:58	Yes
Mean:	0.038	0.038	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	4.080	4.080	438.63				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 13 Autosampler Location: 38
Sample ID: mb 600-75815/7-a Date Collected: 3/28/2012 17:09:00
Analyst: SRP Data Type: Original

Replicate Data: mb 600-75815/7-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.044	0.044	0.0001	0.0027	0.0006	17:10:06	Yes
2	0.037	0.037	-0.0000	0.0021	0.0005	17:10:48	Yes
Mean:	0.040	0.040	0.0000				
SD:	0.005	0.005	0.0000				
%RSD:	13.19	13.19	193.99				

Sequence No.: 14 Autosampler Location: 39
Sample ID: lcs 600-75815/8-a Date Collected: 3/28/2012 17:10:50
Analyst: SRP Data Type: Original

Replicate Data: lcs 600-75815/8-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.005	3.005	0.0240	0.1315	0.0245	17:11:55	Yes
2	3.025	3.025	0.0241	0.1325	0.0247	17:12:37	Yes
Mean:	3.015	3.015	0.0241				
SD:	0.014	0.014	0.0001				
%RSD:	0.457	0.457	0.46				

Sequence No.: 15 Autosampler Location: 40
Sample ID: lb 600-75710/1-e Date Collected: 3/28/2012 17:13:24
Analyst: SRP Data Type: Original

Replicate Data: lb 600-75710/1-e

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.040	0.040	0.0000	0.0028	0.0005	17:14:30	Yes
2	0.045	0.045	0.0001	0.0029	0.0006	17:15:12	Yes
Mean:	0.042	0.042	0.0000				
SD:	0.003	0.003	0.0000				
%RSD:	7.224	7.224	64.49				

Sequence No.: 16 Autosampler Location: 41
Sample ID: 600-52295-a-1-f Date Collected: 3/28/2012 17:15:14
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.057	0.057	0.0002	0.0030	0.0007	17:16:19	Yes
2	0.059	0.059	0.0002	0.0033	0.0007	17:17:05	Yes
Mean:	0.058	0.058	0.0002				
SD:	0.001	0.001	0.0000				
%RSD:	2.399	2.399	6.84				

Sequence No.: 17 Autosampler Location: 42
Sample ID: 600-52295-a-1-g du Date Collected: 3/28/2012 17:17:07
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-1-g du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.043	0.043	0.0000	0.0028	0.0006	17:18:12	Yes
2	0.042	0.042	0.0000	0.0026	0.0005	17:18:54	Yes
Mean:	0.043	0.043	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	2.491	2.491	21.18				

Sequence No.: 18 Autosampler Location: 43
Sample ID: 600-52295-a-1-h ms Date Collected: 3/28/2012 17:18:55
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-1-h ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.921	2.921	0.0233	0.1284	0.0238	17:20:00	Yes
2	2.904	2.904	0.0232	0.1275	0.0237	17:20:42	Yes
Mean:	2.913	2.913	0.0232				
SD:	0.012	0.012	0.0001				
%RSD:	0.408	0.408	0.41				

Sequence No.: 19 Autosampler Location: 44
Sample ID: 600-52295-a-2-f Date Collected: 3/28/2012 17:20:43
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-2-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.051	0.051	0.0001	0.0031	0.0006	17:21:48	Yes
2	0.054	0.054	0.0001	0.0035	0.0006	17:22:30	Yes
Mean:	0.052	0.052	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	4.010	4.010	14.27				

Sequence No.: 20 Autosampler Location: 45
Sample ID: 600-52295-a-4-h Date Collected: 3/28/2012 17:22:32
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-4-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.053	0.053	0.0001	0.0038	0.0006	17:23:37	Yes
2	0.044	0.044	0.0001	0.0031	0.0006	17:24:19	Yes
Mean:	0.049	0.049	0.0001				
SD:	0.006	0.006	0.0001				
%RSD:	13.34	13.34	59.01				

Sequence No.: 21 Autosampler Location: 46
Sample ID: 600-52295-a-5-f Date Collected: 3/28/2012 17:24:21
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-5-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.041	0.041	0.0000	0.0030	0.0005	17:25:26	Yes
2	0.048	0.048	0.0001	0.0036	0.0006	17:26:12	Yes
Mean:	0.045	0.045	0.0001				
SD:	0.005	0.005	0.0000				
%RSD:	10.74	10.74	69.39				

Sequence No.: 22 Autosampler Location: 47
Sample ID: 600-52295-a-6-h Date Collected: 3/28/2012 17:26:14
Analyst: SRP Data Type: Original

Replicate Data: 600-52295-a-6-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.047	0.047	0.0001	0.0032	0.0006	17:27:19	Yes
2	0.047	0.047	0.0001	0.0030	0.0006	17:28:01	Yes
Mean:	0.047	0.047	0.0001				
SD:	0.000	0.000	0.0000				
%RSD:	0.583	0.583	2.98				

Sequence No.: 23 Autosampler Location: 1
Sample ID: CCV Date Collected: 3/28/2012 17:28:03
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.046	3.046	0.0243	0.1316	0.0248	17:29:09	Yes
2	3.046	3.046	0.0243	0.1322	0.0248	17:29:50	Yes
Mean:	3.046	3.046	0.0243				
SD:	0.000	0.000	0.0000				
%RSD:	0.004	0.004	0.00				

QC value within limits for Hg 253.7 Recovery = 101.52%
All analyte(s) passed QC.

Sequence No.: 24 Autosampler Location: 2
Sample ID: CCB Date Collected: 3/28/2012 17:30:37
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.047	0.047	0.0001	0.0028	0.0006	17:31:43	Yes
2	0.045	0.045	0.0001	0.0029	0.0006	17:32:25	Yes
Mean:	0.046	0.046	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	2.094	2.094	11.74				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 25 Autosampler Location: 48
Sample ID: 600-52117-b-1-d Date Collected: 3/28/2012 17:32:27
Analyst: SRP Data Type: Original

Replicate Data: 600-52117-b-1-d

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.034	0.034	-0.0000	0.0027	0.0005	17:33:33	Yes
2	0.036	0.036	-0.0000	0.0033	0.0005	17:34:14	Yes
Mean:	0.035	0.035	-0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	4.657	4.657	62.34				

Sequence No.: 26 Autosampler Location: 49
Sample ID: 600-52258-d-1-e Date Collected: 3/28/2012 17:34:20
Analyst: SRP Data Type: Original

Replicate Data: 600-52258-d-1-e

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.016	0.016	-0.0002	0.0027	0.0003	17:35:25	Yes
2	0.025	0.025	-0.0001	0.0027	0.0004	17:36:06	Yes
Mean:	0.021	0.021	-0.0001				
SD:	0.006	0.006	0.0000				
%RSD:	29.07	29.07	35.68				

Sequence No.: 27 Autosampler Location: 50
Sample ID: 600-52432-c-1-g Date Collected: 3/28/2012 17:36:08
Analyst: SRP Data Type: Original

Replicate Data: 600-52432-c-1-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.045	0.045	0.0001	0.0031	0.0006	17:37:15	Yes
2	0.053	0.053	0.0001	0.0032	0.0006	17:37:57	Yes
Mean:	0.049	0.049	0.0001				
SD:	0.006	0.006	0.0000				
%RSD:	12.49	12.49	53.64				

Sequence No.: 28 Autosampler Location: 51
Sample ID: 600-52207-g-1-f Date Collected: 3/28/2012 17:38:03
Analyst: SRP Data Type: Original

Replicate Data: 600-52207-g-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.039	0.039	0.0000	0.0022	0.0005	17:39:16	Yes
2	0.057	0.057	0.0002	0.0044	0.0007	17:39:57	Yes
Mean:	0.048	0.048	0.0001				
SD:	0.013	0.013	0.0001				
%RSD:	25.99	25.99	118.73				

Sequence No.: 29 Autosampler Location: 52
Sample ID: 600-52208-g-1-h Date Collected: 3/28/2012 17:39:59
Analyst: SRP Data Type: Original

Replicate Data: 600-52208-g-1-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.044	0.044	0.0000	0.0034	0.0006	17:41:04	Yes
2	0.046	0.046	0.0001	0.0032	0.0006	17:41:46	Yes
Mean:	0.045	0.045	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	3.559	3.559	22.68				

Sequence No.: 30 Autosampler Location: 53
Sample ID: 600-52208-g-1-i du Date Collected: 3/28/2012 17:41:48
Analyst: SRP Data Type: Original

Replicate Data: 600-52208-g-1-i du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0038	0.0006	17:42:52	Yes
2	0.045	0.045	0.0001	0.0036	0.0006	17:43:34	Yes

Mean:	0.047	0.047	0.0001
SD:	0.003	0.003	0.0000
%RSD:	6.660	6.660	33.80

Sequence No.: 31 Autosampler Location: 54
Sample ID: 600-52208-g-1-j ms Date Collected: 3/28/2012 17:43:40
Analyst: SRP Data Type: Original

Replicate Data: 600-52208-g-1-j ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.212	2.212	0.0176	0.0983	0.0181	17:44:45	Yes
2	2.206	2.206	0.0175	0.0973	0.0180	17:45:27	Yes
Mean:	2.209	2.209	0.0176				
SD:	0.004	0.004	0.0000				
%RSD:	0.190	0.190	0.19				

Sequence No.: 32 Autosampler Location: 55
Sample ID: 600-52209-g-1-f Date Collected: 3/28/2012 17:45:29
Analyst: SRP Data Type: Original

Replicate Data: 600-52209-g-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.043	0.043	0.0000	0.0033	0.0006	17:46:34	Yes
2	0.039	0.039	0.0000	0.0026	0.0005	17:47:16	Yes
Mean:	0.041	0.041	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	5.933	5.933	69.12				

Sequence No.: 33 Autosampler Location: 56
Sample ID: 600-52210-g-1-h Date Collected: 3/28/2012 17:47:18
Analyst: SRP Data Type: Original

Replicate Data: 600-52210-g-1-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0033	0.0006	17:48:23	Yes
2	0.060	0.060	0.0002	0.0042	0.0007	17:49:05	Yes
Mean:	0.054	0.054	0.0001				
SD:	0.008	0.008	0.0001				
%RSD:	14.83	14.83	48.13				

Sequence No.: 34 Autosampler Location: 57
Sample ID: 600-52212-g-1-f Date Collected: 3/28/2012 17:49:06
Analyst: SRP Data Type: Original

Replicate Data: 600-52212-g-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0032	0.0006	17:50:12	Yes
2	0.057	0.057	0.0002	0.0037	0.0007	17:50:53	Yes
Mean:	0.053	0.053	0.0001				
SD:	0.005	0.005	0.0000				
%RSD:	9.800	9.800	33.87				

Sequence No.: 35 Autosampler Location: 1
Sample ID: CCV Date Collected: 3/28/2012 17:50:55
Analyst: Data Type: Original

Replicate Data: CCV

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	ug/L	ug/L	Signal	Area	Height		Stored
1	3.103	3.103	0.0248	0.1344	0.0253	17:52:01	Yes
2	3.116	3.116	0.0249	0.1342	0.0254	17:52:47	Yes
Mean:	3.110	3.110	0.0248				
SD:	0.010	0.010	0.0001				
%RSD:	0.313	0.313	0.32				

QC value within limits for Hg 253.7 Recovery = 103.65%
All analyte(s) passed QC.

Sequence No.: 36
Sample ID: CCB
Analyst:

Autosampler Location: 2
Date Collected: 3/28/2012 17:53:34
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.040	0.040	0.0000	0.0014	0.0005	17:54:40	Yes
2	0.062	0.062	0.0002	0.0047	0.0007	17:55:22	Yes
Mean:	0.051	0.051	0.0001				
SD:	0.016	0.016	0.0001				
%RSD:	31.03	31.03	119.08				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 37
Sample ID: 600-52215-g-1-g
Analyst: SRP

Autosampler Location: 58
Date Collected: 3/28/2012 17:55:24
Data Type: Original

Replicate Data: 600-52215-g-1-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.051	0.051	0.0001	0.0037	0.0006	17:56:29	Yes
2	0.044	0.044	0.0001	0.0025	0.0006	17:57:11	Yes
Mean:	0.048	0.048	0.0001				
SD:	0.005	0.005	0.0000				
%RSD:	9.527	9.527	46.07				

Sequence No.: 38
Sample ID: 600-52350-a-1-f
Analyst: SRP

Autosampler Location: 59
Date Collected: 3/28/2012 17:57:13
Data Type: Original

Replicate Data: 600-52350-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.047	0.047	0.0001	0.0032	0.0006	17:58:18	Yes
2	0.023	0.023	-0.0001	0.0018	0.0004	17:59:00	Yes
Mean:	0.035	0.035	-0.0000				
SD:	0.017	0.017	0.0001				
%RSD:	49.68	49.68	585.69				

Sequence No.: 39
Sample ID: 600-52295-a-3-f
Analyst: SRP

Autosampler Location: 60
Date Collected: 3/28/2012 17:59:02
Data Type: Original

Replicate Data: 600-52295-a-3-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.061	0.061	0.0002	0.0039	0.0007	18:00:07	Yes
2	0.046	0.046	0.0001	0.0041	0.0006	18:00:49	Yes
Mean:	0.054	0.054	0.0001				
SD:	0.011	0.011	0.0001				
%RSD:	19.83	19.83	66.16				

Sequence No.: 40 Autosampler Location: 61
Sample ID: lb 600-75712/1-d Date Collected: 3/28/2012 18:00:51
Analyst: SRP Data Type: Original

Replicate Data: lb 600-75712/1-d

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0033	0.0006	18:02:00	Yes
2	0.025	0.025	-0.0001	0.0016	0.0004	18:02:42	Yes
Mean:	0.037	0.037	-0.0000				
SD:	0.017	0.017	0.0001				
%RSD:	45.90	45.90	>999.9%				

Sequence No.: 41 Autosampler Location: 62
Sample ID: 600-52214-g-1-g Date Collected: 3/28/2012 18:02:44
Analyst: SRP Data Type: Original

Replicate Data: 600-52214-g-1-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.061	0.061	0.0002	0.0032	0.0007	18:03:51	Yes
2	0.032	0.032	-0.0000	0.0015	0.0005	18:04:33	Yes
Mean:	0.047	0.047	0.0001				
SD:	0.020	0.020	0.0002				
%RSD:	43.77	43.77	229.67				

Sequence No.: 42 Autosampler Location: 63
Sample ID: lb 600-75739/1-e Date Collected: 3/28/2012 18:04:35
Analyst: SRP Data Type: Original

Replicate Data: lb 600-75739/1-e

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.061	0.061	0.0002	0.0035	0.0007	18:05:40	Yes
2	0.047	0.047	0.0001	0.0023	0.0006	18:06:22	Yes
Mean:	0.054	0.054	0.0001				
SD:	0.010	0.010	0.0001				
%RSD:	18.25	18.25	60.23				

Sequence No.: 43 Autosampler Location: 64
Sample ID: 600-52256-f-1-h Date Collected: 3/28/2012 18:06:23
Analyst: SRP Data Type: Original

Replicate Data: 600-52256-f-1-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.039	0.039	0.0000	0.0022	0.0005	18:07:29	Yes
2	0.030	0.030	-0.0001	0.0026	0.0005	18:08:11	Yes
Mean:	0.035	0.035	-0.0000				
SD:	0.006	0.006	0.0000				
%RSD:	17.63	17.63	214.02				

Sequence No.: 44 Autosampler Location: 65
Sample ID: 600-52256-g-2-g Date Collected: 3/28/2012 18:08:12
Analyst: SRP Data Type: Original

Replicate Data: 600-52256-g-2-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.052	0.052	0.0001	0.0041	0.0006	18:09:17	Yes
2	0.056	0.056	0.0001	0.0034	0.0007	18:09:59	Yes
Mean:	0.054	0.054	0.0001				
SD:	0.003	0.003	0.0000				

%RSD: 4.879 4.879 16.33

Sequence No.: 45 Autosampler Location: 66
Sample ID: 600-52258-b-2-g Date Collected: 3/28/2012 18:10:05
Analyst: SRP Data Type: Original

Replicate Data: 600-52258-b-2-g

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	-0.0003	-0.0007	0.0002	18:11:10	Yes
2	0.025	0.025	-0.0001	0.0033	0.0004	18:11:52	Yes
Mean:	0.013	0.013	-0.0002				
SD:	0.016	0.016	0.0001				
%RSD:	117.0	117.0	64.85				

Sequence No.: 46 Autosampler Location: 67
Sample ID: 600-51958-b-1-b Date Collected: 3/28/2012 18:11:54
Analyst: SRP Data Type: Original

Replicate Data: 600-51958-b-1-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.050	0.050	0.0001	0.0048	0.0006	18:12:59	Yes
2	0.054	0.054	0.0001	0.0039	0.0006	18:13:41	Yes
Mean:	0.052	0.052	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	5.416	5.416	19.24				

Sequence No.: 47 Autosampler Location: 1
Sample ID: CCV Date Collected: 3/28/2012 18:13:43
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.885	2.885	0.0230	0.1242	0.0235	18:14:50	Yes
2	2.879	2.879	0.0230	0.1264	0.0235	18:15:32	Yes
Mean:	2.882	2.882	0.0230				
SD:	0.004	0.004	0.0000				
%RSD:	0.153	0.153	0.16				

QC value within limits for Hg 253.7 Recovery = 96.07%
All analyte(s) passed QC.

Sequence No.: 48 Autosampler Location: 2
Sample ID: CCB Date Collected: 3/28/2012 18:15:33
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.033	0.033	-0.0000	0.0013	0.0005	18:16:39	Yes
2	0.039	0.039	0.0000	0.0028	0.0005	18:17:21	Yes
Mean:	0.036	0.036	-0.0000				
SD:	0.004	0.004	0.0000				
%RSD:	11.20	11.20	268.54				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 49 Autosampler Location: 68
Sample ID: 600-51958-b-2-b Date Collected: 3/28/2012 18:17:22
Analyst: SRP Data Type: Original

Replicate Data: 600-51958-b-2-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.049	0.049	0.0001	0.0030	0.0006	18:18:29	Yes
2	0.027	0.027	-0.0001	0.0023	0.0004	18:19:15	Yes
Mean:	0.038	0.038	-0.0000				
SD:	0.016	0.016	0.0001				
%RSD:	41.32	41.32	>999.9%				

Sequence No.: 50
Sample ID: 600-51958-b-3-b
Analyst: SRP
Autosampler Location: 69
Date Collected: 3/28/2012 18:19:16
Data Type: Original

Replicate Data: 600-51958-b-3-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.030	0.030	-0.0001	0.0020	0.0004	18:20:22	Yes
2	0.048	0.048	0.0001	0.0025	0.0006	18:21:04	Yes
Mean:	0.039	0.039	0.0000				
SD:	0.013	0.013	0.0001				
%RSD:	33.54	33.54	>999.9%				

Sequence No.: 51
Sample ID: 600-51958-a-3-c ms
Analyst: SRP
Autosampler Location: 70
Date Collected: 3/28/2012 18:21:05
Data Type: Original

Replicate Data: 600-51958-a-3-c ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.647	1.647	0.0130	0.0841	0.0135	18:22:10	Yes
2	1.652	1.652	0.0131	0.0839	0.0136	18:22:52	Yes
Mean:	1.650	1.650	0.0130				
SD:	0.003	0.003	0.0000				
%RSD:	0.204	0.204	0.21				

Sequence No.: 52
Sample ID: 600-51958-a-3-d msd
Analyst: SRP
Autosampler Location: 71
Date Collected: 3/28/2012 18:22:54
Data Type: Original

Replicate Data: 600-51958-a-3-d msd

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.532	1.532	0.0121	0.0824	0.0126	18:23:59	Yes
2	1.547	1.547	0.0122	0.0825	0.0127	18:24:41	Yes
Mean:	1.539	1.539	0.0121				
SD:	0.011	0.011	0.0001				
%RSD:	0.698	0.698	0.72				

Sequence No.: 53
Sample ID: 600-51958-a-4-b
Analyst: SRP
Autosampler Location: 72
Date Collected: 3/28/2012 18:24:43
Data Type: Original

Replicate Data: 600-51958-a-4-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.014	-0.014	-0.0004	-0.0022	0.0001	18:25:48	Yes
2	0.077	0.077	0.0003	0.0040	0.0008	18:26:30	Yes
Mean:	0.032	0.032	-0.0000				
SD:	0.064	0.064	0.0005				
%RSD:	203.3	203.3	>999.9%				

Sequence No.: 54
Sample ID: 600-52344-b-1-b
Autosampler Location: 73
Date Collected: 3/28/2012 18:26:32

Analyst: SRP Data Type: Original

Replicate Data: 600-52344-b-1-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.067	0.067	0.0002	0.0033	0.0008	18:27:41	Yes
2	0.091	0.091	0.0004	0.0061	0.0009	18:28:22	Yes
Mean:	0.079	0.079	0.0003				
SD:	0.017	0.017	0.0001				
%RSD:	21.21	21.21	40.55				

Sequence No.: 55 Autosampler Location: 74
Sample ID: SD-600-52295-a-1-f Date Collected: 3/28/2012 18:28:24
Analyst: SRP Data Type: Original

Replicate Data: SD-600-52295-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.090	0.090	0.0004	0.0062	0.0009	18:29:31	Yes
2	0.082	0.082	0.0004	0.0036	0.0009	18:30:13	Yes
Mean:	0.086	0.086	0.0004				
SD:	0.005	0.005	0.0000				
%RSD:	6.048	6.048	10.75				

Sequence No.: 56 Autosampler Location: 75
Sample ID: SD-600-51958-b-3-b Date Collected: 3/28/2012 18:30:15
Analyst: SRP Data Type: Original

Replicate Data: SD-600-51958-b-3-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.029	0.029	-0.0001	0.0000	0.0004	18:31:19	Yes
2	0.065	0.065	0.0002	0.0044	0.0007	18:32:01	Yes
Mean:	0.047	0.047	0.0001				
SD:	0.025	0.025	0.0002				
%RSD:	53.59	53.59	274.06				

Sequence No.: 57 Autosampler Location: 1
Sample ID: CCV Date Collected: 3/28/2012 18:32:03
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.959	2.959	0.0236	0.1325	0.0241	18:33:09	Yes
2	2.911	2.911	0.0232	0.1259	0.0237	18:33:51	Yes
Mean:	2.935	2.935	0.0234				
SD:	0.034	0.034	0.0003				
%RSD:	1.160	1.160	1.18				

QC value within limits for Hg 253.7 Recovery = 97.83%
All analyte(s) passed QC.

Sequence No.: 58 Autosampler Location: 2
Sample ID: CCB Date Collected: 3/28/2012 18:33:52
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.102	0.102	0.0005	0.0079	0.0010	18:34:57	Yes
2	0.056	0.056	0.0002	0.0026	0.0007	18:35:39	Yes
Mean:	0.079	0.079	0.0003				
SD:	0.032	0.032	0.0003				

%RSD: 40.56 40.56 77.48
QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Analysis Begun

Logged In Analyst: houston_wetchem_inst
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 75815
Results Data Set: FW032812
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Method Loaded
Method Name: Mercury Soil & Water
Method Last Saved: 9/1/2011 15:23:28
Method Description: Mercury Analysis

Sequence No.: 1
Autosampler Location: 76
Sample ID: PDS-600-51958-b-3-b
Date Collected: 3/28/2012 18:38:43
Analyst: SRP
Data Type: Original
FIMS-100: Lamp energy too low.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75042 Batch Start Date: 03/19/12 11:36 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00027	METSPIKEA 00011
MB 600-75042/1		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	
LCS 600-75042/2		3010A, 6010B			50 mL	50 mL	2.5 mL	2.5 mL	250 uL
600-52117-C-1	IDW 3	3010A, 6010B	T	<2	50 mL	50 mL	2.5 mL	2.5 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSPIKEB 00012					
MB 600-75042/1		3010A, 6010B							
LCS 600-75042/2		3010A, 6010B		250 uL					
600-52117-C-1	IDW 3	3010A, 6010B	T						

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95
ID number of the thermometer	517

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75754 Batch Start Date: 03/27/12 14:15 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00027	METSPIKEA 00011	METSPIKEB 00012
MB 600-75754/1		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-75754/2		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL
LB 600-75710/1-A		3010A, 6010B		5 mL	50 mL	2.5 mL	2.5 mL		
600-52117-B-1-A	IDW 3	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL		
600-52117-B-1-A MS	IDW 3	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 04
Temperature	95
ID number of the thermometer	555

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75815 Batch Start Date: 03/28/12 08:49 Batch Analyst: Patel, Silen R

Batch Method: 7470A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MER0312HS 00002	MER0312KM 00004	MER0312PP 00001	MER0312S2 00019
MB 600-75815/7		7470A, 7470A		40 mL	40 mL	3 mL	6 mL	3.2 mL	
LCS 600-75815/8		7470A, 7470A		50 mL	50 mL	3 mL	6 mL	3.2 mL	1.5 mL
LB 600-75710/1-A		7470A, 7470A		40 mL	40 mL	3 mL	6 mL	3.2 mL	
600-52117-B-1-A	IDW 3	7470A, 7470A	P	40 mL	40 mL	3 mL	6 mL	3.2 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	MERSUL 00025	METHNO3 00027				
MB 600-75815/7		7470A, 7470A		2 mL	1 mL				
LCS 600-75815/8		7470A, 7470A		2 mL	1 mL				
LB 600-75710/1-A		7470A, 7470A		2 mL	1 mL				
600-52117-B-1-A	IDW 3	7470A, 7470A	P	2 mL	1 mL				

Batch Notes	

Basis	Basis Description
P	TCLP

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
IDW 3	600-52117-1

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 3 Lab Sample ID: 600-52117-1

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG ID.:

Matrix: Water Date Sampled: 03/15/2012 12:10

Reporting Basis: WET Date Received: 03/16/2012 09:09

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	0.0397	0.250	0.0397	mg/L	U		1	9012
	Sulfide, Reactive	1.40	50.0	1.40	mg/L	U		1	7.4.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW 3 Lab Sample ID: 600-52117-1

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG ID.:

Matrix: Water Date Sampled: 03/15/2012 12:10

Reporting Basis: WET Date Received: 03/16/2012 09:09

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	pH	7.47	0.0100		SU		H	1	9040B
	Flashpoint	>186	1.00		Degrees F			1	SW846 Ch. 7

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Analyst: MB Batch Start Date: 03/26/2012

Reporting Units: SU Analytical Batch No.: 75619

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
13	CCV	09:20	pH	7.030	7.00	100	99-101		WETRPH7BUF_00015
25	CCV	09:20	pH	7.010	7.00	100	99-101		WETRPH7BUF_00015

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Analyst: SUP Batch Start Date: 03/22/2012

Reporting Units: Degrees F Analytical Batch No.: 75477

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
9	CCV	16:00	Flashpoint	82.18	81.0	101	96.91-103.09		WETRPXYLEN_00005

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 77293	Date: 04/16/2012 16:36	Prep Batch: 77259	Date: 04/16/2012 13:19				
7.4.4	MB 600-77259/1-A	Sulfide, Reactive	1.40	U	mg/L	50.0	1
Batch ID: 75896	Date: 03/27/2012 17:00	Prep Batch: 75813	Date: 03/27/2012 17:00				
9012	MB 600-75813/1-A	Cyanide, Reactive	0.0397	U	mg/L	0.250	1
Batch ID: 75477	Date: 03/22/2012 16:00						
SW846 Ch. 7	MB 600-75477/1	Flashpoint	>186		Degrees F	1.00	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 77293	Date: 04/16/2012 17:39		Prep Batch: 77259		Date: 04/16/2012 13:19						
7.4.4	600-52117-1	Sulfide, Reactive	1.40	U	mg/L						
7.4.4	600-52117-1 MS	Sulfide, Reactive	1.40	U	mg/L	2260	0	0-100			
Batch ID: 75896	Date: 03/27/2012 17:00		Prep Batch: 75826		Date: 03/28/2012 09:29						
9012	600-52117-1	Cyanide, Reactive	0.0397	U	mg/L						
9012	600-52117-1 MS	Cyanide, Reactive	91.13		mg/L	1000000	0.009	0-100			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 75896	Date: 03/27/2012 17:00		Prep Batch: 75826	Date: 03/28/2012 09:29				
9012	IDW 3	600-52117-1	Cyanide, Reactive	0.0397	mg/L			U
9012	IDW 3	600-52117-1 DU	Cyanide, Reactive	0.0397	mg/L	NC	20	U
Batch ID: 75477	Date: 03/22/2012 16:00							
SW846 Ch. 7	IDW 3	600-52117-1	Flashpoint	>186	Degrees F			
SW846 Ch. 7	IDW 3	600-52117-1 DU	Flashpoint	>186	Degrees F	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 77293	Date: 04/16/2012 16:36		Prep Batch: 77259			Date: 04/16/2012 13:19					
						LCS Source: SULFTSLCS_00506					
7.4.4	LCS 600-77259/2-A	Sulfide, Reactive	1.40	U	mg/L	2260	0	0-100			
Batch ID: 75896	Date: 03/27/2012 17:00		Prep Batch: 75813			Date: 03/27/2012 17:00					
						LCS Source: WETRCYANID_00016					
9012	LCS 600-75813/2-A	Cyanide, Reactive	62.65		mg/L	1000000	0.006	0-100			
Batch ID: 75619	Date: 03/26/2012 09:20										
						LCS Source: WETRPH7BUF_00015					
9040B	LCS 600-75619/1	pH	6.980		SU	7.00	100	99-101			
Batch ID: 75477	Date: 03/22/2012 16:00										
						LCS Source: WETRPXYLEN_00005					
SW846 Ch. 7	LCS 600-75477/2	Flashpoint	82.18		Degrees F	81.0	101	96.91-103.09			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9012 XMDL Date: 04/01/2011 13:46

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Cyanide, Reactive		10	1.589

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9012 MDL Date: 04/01/2011 13:46

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Cyanide, Reactive		250	39.725

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 7.4.4 MDL Date: 06/13/2008 17:51

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Sulfide, Reactive		50	1.399

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 7.4.4 XMDL Date: 06/13/2008 17:57

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide, Reactive		50	1.399

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9040B RL Date: 07/03/2008 13:54

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.01	

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9040B XRL Date: 07/03/2008 13:54

Analyte	Wavelength/ Mass	XRL (SU)	
pH		0.01	

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SW846 Ch. 7 RL Date: 11/09/2005 14:49

Analyte	Wavelength/ Mass	RL (Degrees	
Flashpoint		1	

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52117-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SW846 Ch. 7 XRL Date: 06/09/2008 16:47

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-75813/1-A	03/27/2012 17:00	75813	10		250
LCS 600-75813/2-A	03/27/2012 17:00	75813	10		250

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
600-52117-1	03/28/2012 09:29	75826	10		250
600-52117-1 DU	03/28/2012 09:29	75826	10		250
600-52117-1 MS	03/28/2012 09:29	75826	10		250

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Prep Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77259/1-A	04/16/2012 13:19	77259		10	250
LCS 600-77259/2-A	04/16/2012 13:19	77259		10	250
600-52117-1	04/16/2012 13:19	77259		10	250
600-52117-1 MS	04/16/2012 13:19	77259		10	250

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: NOEQUIP Method: 9012

Start Date: 03/27/2012 17:00 End Date: 03/27/2012 17:00

Lab Sample ID	D/F	Type	Time	Analytes																				
				CNReac																				
MB 600-75813/1-A	1	T	17:00	X																				
LCS 600-75813/2-A	20	T	17:00	X																				
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
600-52117-1	1	T	17:00	X																				
600-52117-1 DU	1	T	17:00	X																				
600-52117-1 MS	20	T	17:00	X																				
ZZZZZZ			17:00																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: NOEQUIP Method: 7.4.4

Start Date: 04/16/2012 16:36 End Date: 04/16/2012 17:39

Lab Sample ID	D/F	Type	Time	Analytes																				
				S2Reac																				
MB 600-77259/1-A	1	T	16:36	X																				
LCS 600-77259/2-A	1	T	16:36	X																				
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
ZZZZZZ			16:36																					
600-52117-1	1	T	16:36	X																				
600-52117-1 MS	1	T	17:39	X																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: NOEQUIP Method: 9040B

Start Date: 03/26/2012 09:20 End Date: 03/26/2012 09:20

Lab Sample ID	D/F	Type	Time	Analytes																				
				pH																				
LCS 600-75619/1	1	T	09:20	X																				
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
CCV 600-75619/13	1		09:20	X																				
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
600-52117-1	1	T	09:20	X																				
ZZZZZZ			09:20																					
CCV 600-75619/25	1		09:20	X																				
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
ZZZZZZ			09:20																					
CCV 600-75619/32			09:20																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Instrument ID: NOEQUIP Method: SW846 Ch. 7

Start Date: 03/22/2012 16:00 End Date: 03/22/2012 16:00

Lab Sample ID	D / F	Type	Time	Analytes																				
				FP																				
MB 600-75477/1	1	T	16:00	X																				
LCS 600-75477/2	1	T	16:00	X																				
600-52117-1	1	T	16:00	X																				
600-52117-1 DU	1	T	16:00	X																				
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
CCV 600-75477/9	1		16:00	X																				

Prep Types

T = Total/NA

335-75888
335.1-75893
Polrkn- 75894

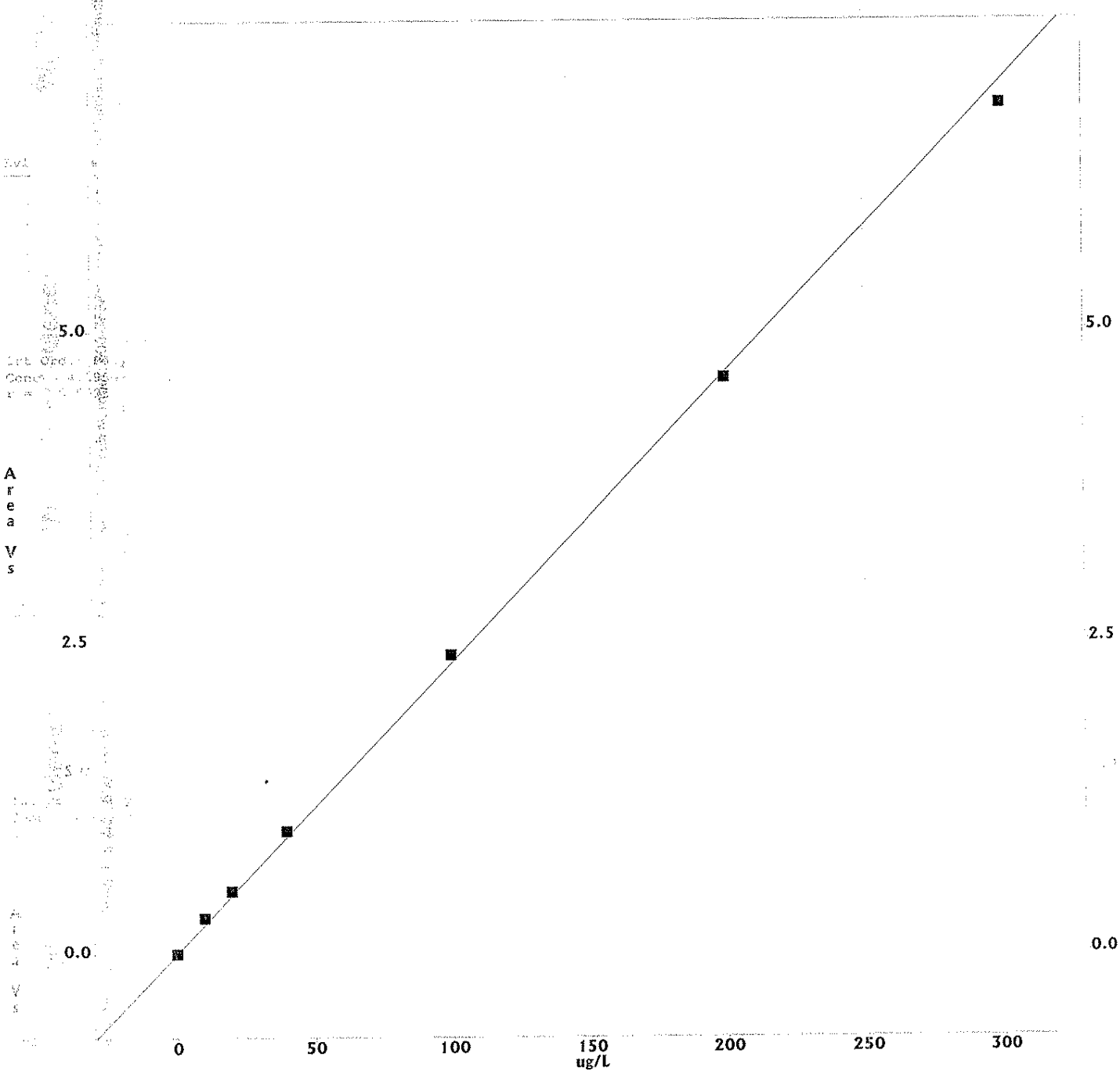
cyanide

Lvl	Area	ug/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	6806823	300	6806823					0.0	0.0	2.5
2	4620199	200	4620199					0.0	0.0	0.8
3	2397517	100	2397517					0.0	0.0	-3.0
4	983450	40	983450					0.0	0.0	-5.6
5	502029	20	502029					0.0	0.0	-7.8
6	287821	10	287821					0.0	0.0	-23.6
7	0	0	0					0.0	0.0	

1st Order Poly
Conc = 4.295e-005 Area - 1.340e-005
r = 0.9995

3/20/12

Scaling: None - Weighting: 1/X



Printed: Wednesday, March 28, 2012 - 04:44 PM

OPERATOR:	gcw
ACQ. TIME:	Mar 28, 2012 15:59:23
DATA FILENAME:	C:\OMNION\DATA\CYANIDE\032812CA.FDT
METHOD FILENAME:	C:\OMNION\METHODS\CYANIDE\CYANIDE.MET
TRAY FILENAME:	

METHOD: EPA 335.3/FIA #1

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:

Created:	Oct 7, 2003 14:14:00
Modified:	Mar 26, 2012 17:37:03

cyanide

ANALYTE DATA:

Analyte Name:	cyanide
Concentration Units:	ug/L
Chemistry:	Direct
Inject to Peak Start (s):	25.0
Peak Base Width (s):	42.000
% Width Tolerance:	50.000
Threshold:	5000.000
Autodilution Trigger:	Off
QuikChem Method:	

CALIBRATION DATA:

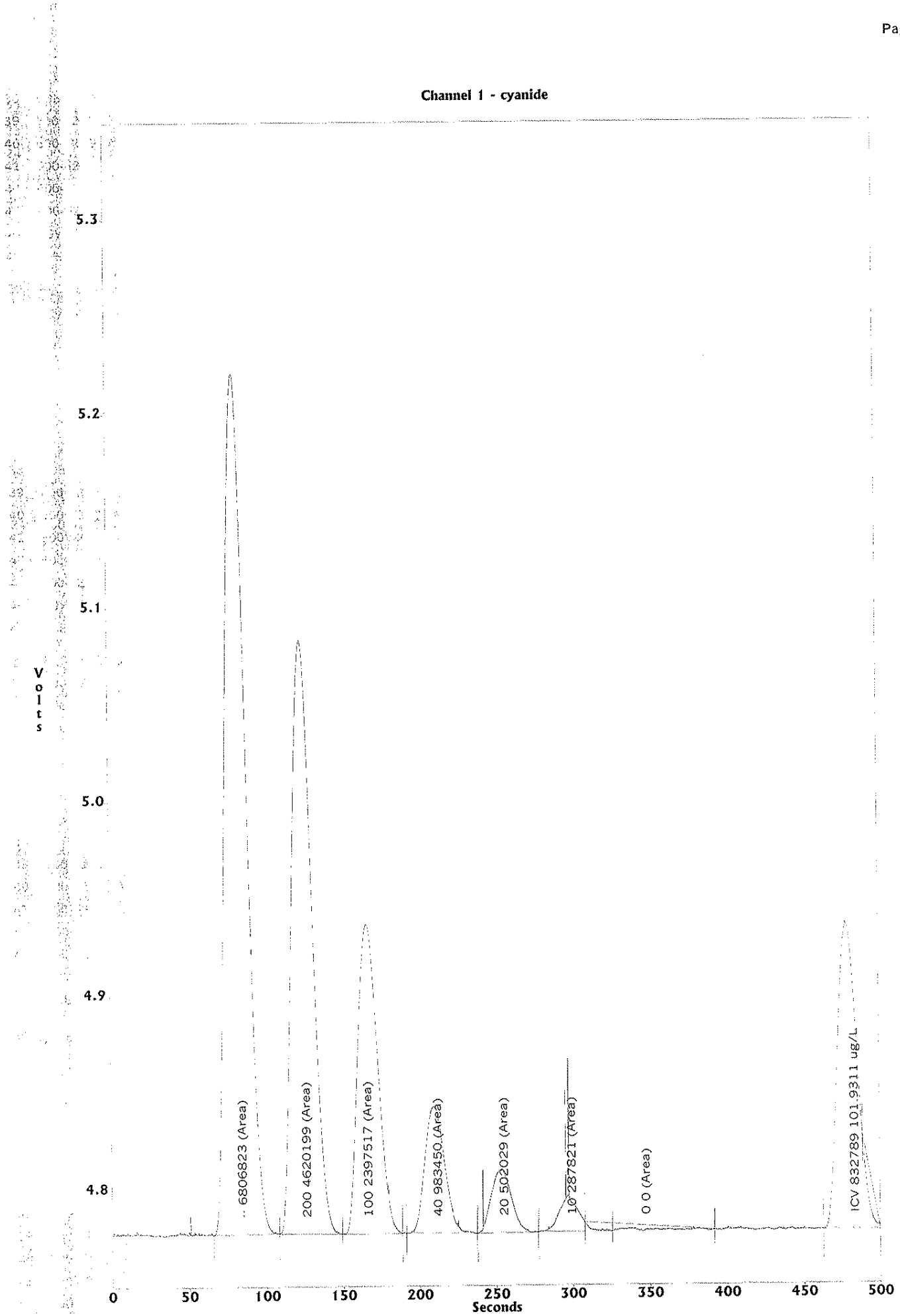
Levels:

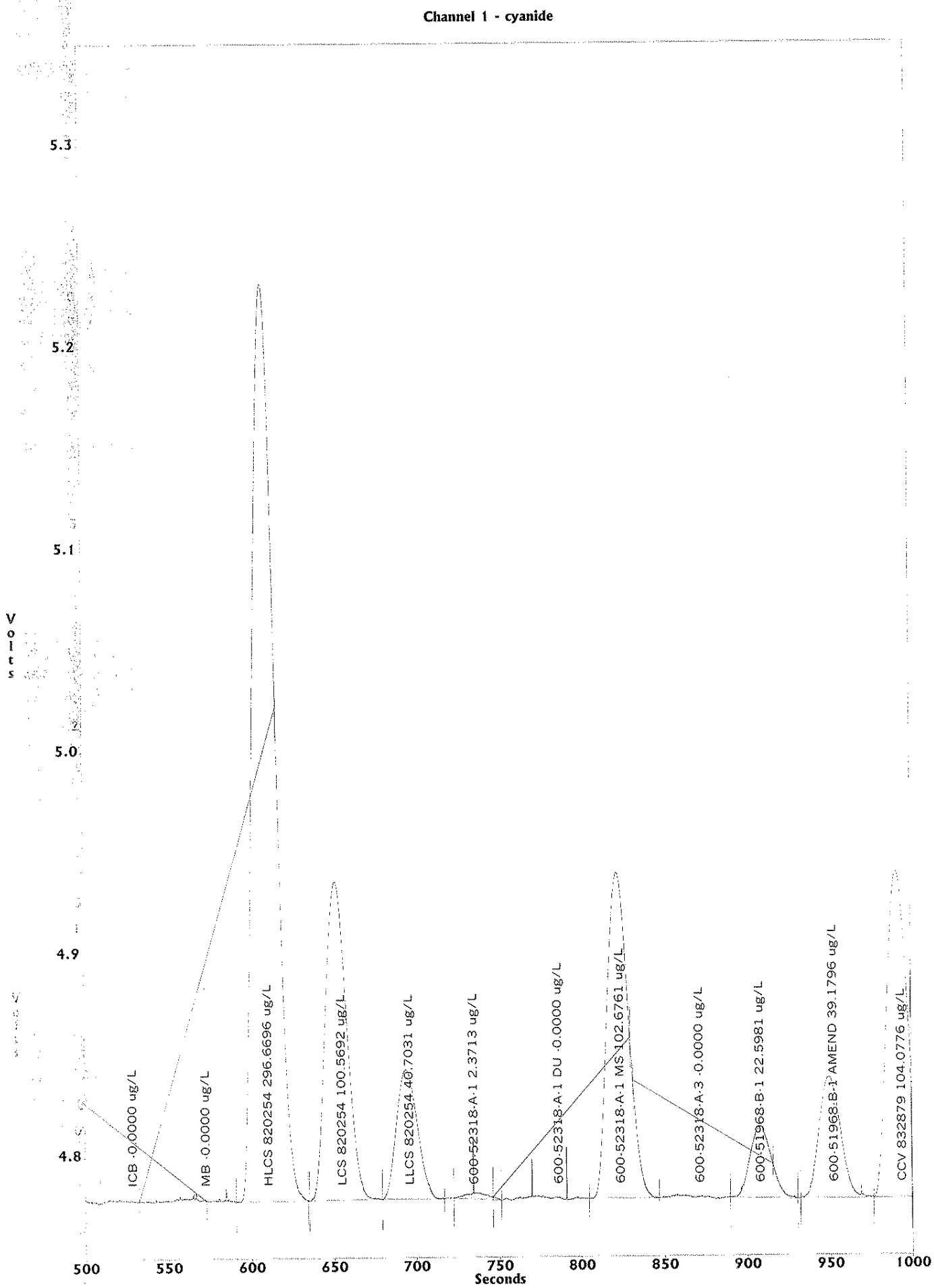
1 : 300.000 2 : 200.000 3 : 100.000 4 : 40.000
5 : 20.000 6 : 10.000 7 : 0.000

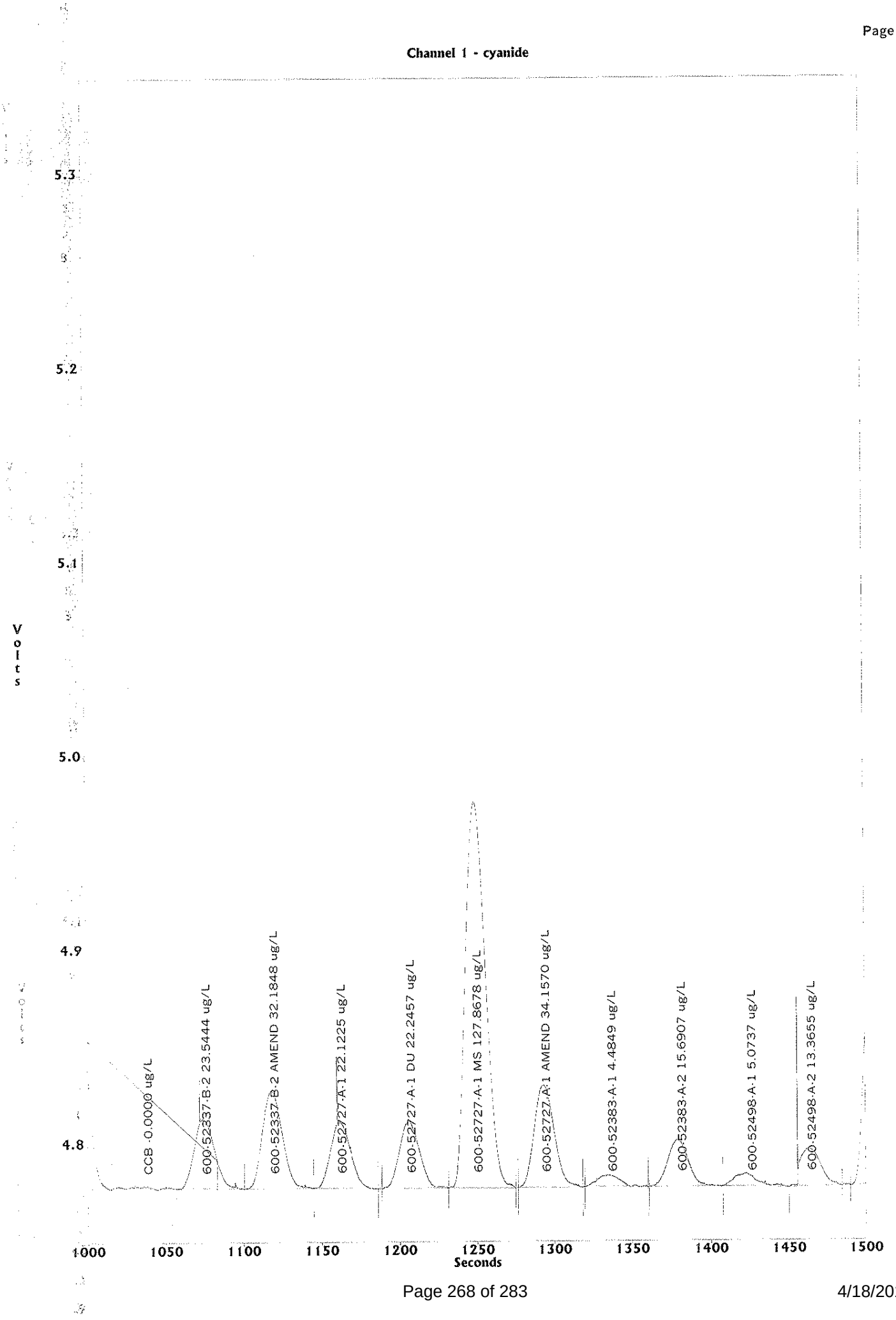
Calibration Rep Handling:	Replace
Calibration Fit Type:	1st Order Poly
Force Though Zero:	No
Weighting Method:	1/X
Concentration Scaling:	None

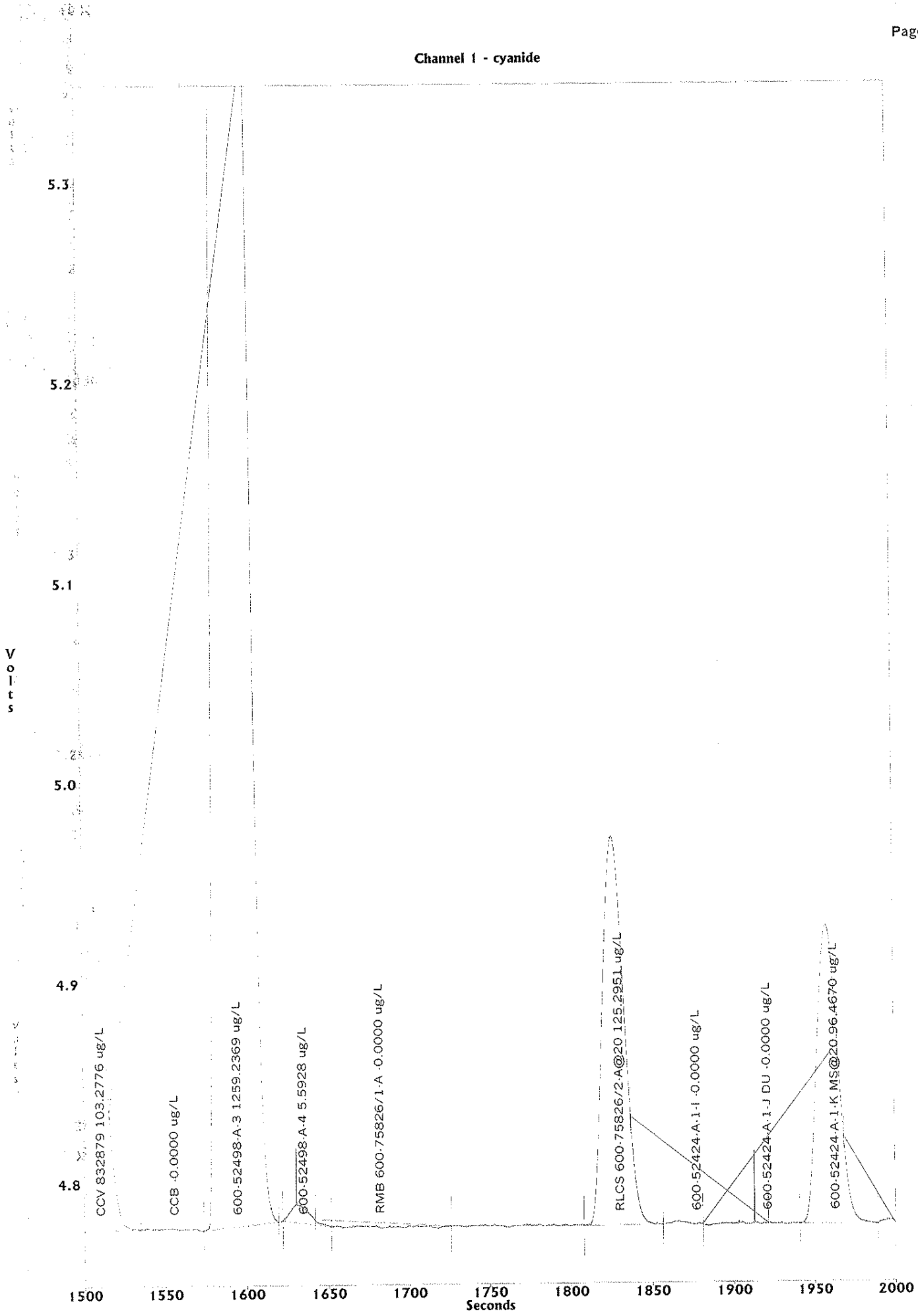
Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 1 -- Cup Range: 1 to 50

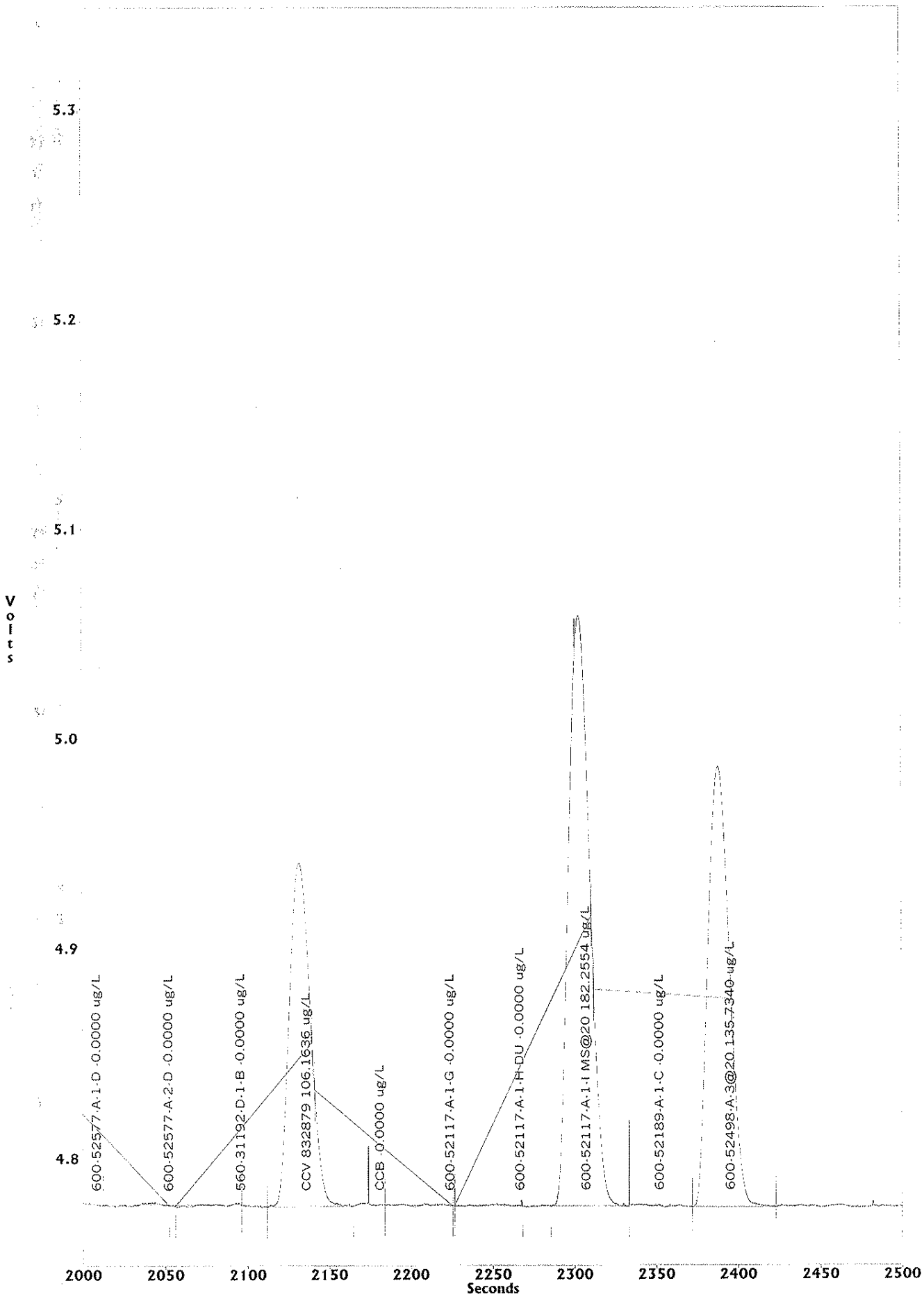
Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (ug/L)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	ICV 832789	28 Mar 2012	16:06:02	1	101.93108	1.0	1.00	1.00000	
2	ICB	28 Mar 2012	16:06:46	1	-0.00001	1.0	1.00	1.00000	
3	MB	28 Mar 2012	16:07:30	1	-0.00001	1.0	1.00	1.00000	
4	HLCS 820254	28 Mar 2012	16:08:12	1	296.66959	1.0	1.00	1.00000	
5	LCS 820254	28 Mar 2012	16:08:55	1	100.56921	1.0	1.00	1.00000	
6	LLCS 820254	28 Mar 2012	16:09:38	1	40.70315	1.0	1.00	1.00000	
7	600-52318-A-1	28 Mar 2012	16:10:20	1	2.37134	1.0	1.00	1.00000	
8	600-52318-A-1 DU	28 Mar 2012	16:11:03	1	-0.00001	1.0	1.00	1.00000	
9	600-52318-A-1 MS	28 Mar 2012	16:11:46	1	102.67609	1.0	1.00	1.00000	
10	600-52318-A-3	28 Mar 2012	16:12:29	1	-0.00001	1.0	1.00	1.00000	
11	600-51968-B-1 3 3	28 Mar 2012	16:13:11	1	22.59814	1.0	1.00	1.00000	
12	600-51968-B-1 AMEND	28 Mar 2012	16:13:53	1	39.17959	1.0	1.00	1.00000	
13	CCV 832879	28 Mar 2012	16:14:35	1	104.07757	1.0	1.00	1.00000	
14	CCB	28 Mar 2012	16:15:16	1	-0.00001	1.0	1.00	1.00000	
15	600-52337-B-2	28 Mar 2012	16:15:58	1	23.54439	1.0	1.00	1.00000	
16	600-52337-B-2 AMEND	28 Mar 2012	16:16:42	1	32.18481	1.0	1.00	1.00000	
17	600-52727-A-1	28 Mar 2012	16:17:26	1	22.12255	1.0	1.00	1.00000	
18	600-52727-A-1 DU	28 Mar 2012	16:18:09	1	22.24570	1.0	1.00	1.00000	
19	600-52727-A-1 MS	28 Mar 2012	16:18:53	1	127.86776	1.0	1.00	1.00000	
20	600-52727-A-1 AMEND	28 Mar 2012	16:19:37	1	34.15698	1.0	1.00	1.00000	
21	600-52383-A-1	28 Mar 2012	16:20:20	1	4.48488	1.0	1.00	1.00000	
22	600-52383-A-2	28 Mar 2012	16:21:02	1	15.69073	1.0	1.00	1.00000	
23	600-52498-A-1	28 Mar 2012	16:21:45	1	5.07371	1.0	1.00	1.00000	
24	600-52498-A-2	28 Mar 2012	16:22:28	1	13.36555	1.0	1.00	1.00000	
25	CCV 832879	28 Mar 2012	16:23:10	1	103.27758	1.0	1.00	1.00000	
26	CCB	28 Mar 2012	16:23:53	1	-0.00001	1.0	1.00	1.00000	
27	600-52498-A-3	28 Mar 2012	16:24:36	1	1259.23694	1.0	1.00	1.00000	
28	600-52498-A-4	28 Mar 2012	16:25:17	1	5.59277	1.0	1.00	1.00000	
29	RMB 600-75826/1-A	28 Mar 2012	16:25:59	1	-0.00001	1.0	1.00	1.00000	
30	RLCS 600-75826/2-A@20	28 Mar 2012	16:28:31	1	125.29512	1.0	1.00	1.00000	
31	600-52424-A-1-I	28 Mar 2012	16:29:14	1	-0.00001	1.0	1.00	1.00000	
32	600-52424-A-1-J DU	28 Mar 2012	16:29:58	1	-0.00001	1.0	1.00	1.00000	
33	600-52424-A-1-K MS@20	28 Mar 2012	16:30:42	1	96.46699	1.0	1.00	1.00000	
34	600-52577-A-1-D	28 Mar 2012	16:31:26	1	-0.00001	1.0	1.00	1.00000	
35	600-52577-A-2-D	28 Mar 2012	16:32:09	1	-0.00001	1.0	1.00	1.00000	
36	560-31192-D-1-B	28 Mar 2012	16:32:53	1	-0.00001	1.0	1.00	1.00000	
37	CCV 832879	28 Mar 2012	16:33:36	1	106.16362	1.0	1.00	1.00000	
38	CCB	28 Mar 2012	16:34:19	1	-0.00001	1.0	1.00	1.00000	
39	600-52117-A-1-G	28 Mar 2012	16:35:01	1	-0.00001	1.0	1.00	1.00000	
40	600-52117-A-1-H DU	28 Mar 2012	16:35:44	1	-0.00001	1.0	1.00	1.00000	
41	600-52117-A-1-I MS@20	28 Mar 2012	16:36:27	1	182.25539	1.0	1.00	1.00000	
42	600-52189-A-1-C	28 Mar 2012	16:37:09	1	-0.00001	1.0	1.00	1.00000	
43	600-52498-A-3@20	28 Mar 2012	16:37:52	1	135.73401	1.0	1.00	1.00000	
44	CCV 832879	28 Mar 2012	16:40:12	1	104.51468	1.0	1.00	1.00000	
45	CCB	28 Mar 2012	16:40:54	1	-0.00001	1.0	1.00	1.00000	


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
6806823 (Area)
200 4620199 (Area)
100 2397517 (Area)
40 983450 (Area)
20 502029 (Area)
10 287821 (Area)
0 0 (Area)
ICV 832789 101.9311 ug/L
0
50
100
150
200
250
300
350
400
450
500
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
ICB 0.0000 ug/L
MB 0.0000 ug/L
HLCS 820254 296.6696 ug/L
LCS 820254 100.5692 ug/L
LLCS 820254 40.7031 ug/L
600-52318-A-1 2.3713 ug/L
600-52318-A-1 DU 0.0000 ug/L
600-52318-A-1 MS 102.6761 ug/L
600-52318-A-3 0.0000 ug/L
600-51968-B-1 22.5981 ug/L
600-51968-B-1 AMEND 39.1796 ug/L
CCV 832879 104.0776 ug/L
500
550
600
650
700
750
800
850
900
950
1000
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
CCB -0.0000 ug/L
600-52337-B-2 23.5444 ug/L
600-52337-B-2 AMEND 32.1848 ug/L
600-52727-A-1 22.1225 ug/L
600-52727-A-1 DU 22.2457 ug/L
600-52727-A-1 MS 127.8678 ug/L
600-52727-A-1 AMEND 34.1570 ug/L
600-52383-A-1 4.4849 ug/L
600-52383-A-2 15.6907 ug/L
600-52498-A-1 5.0737 ug/L
600-52498-A-2 13.3655 ug/L
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
CCV 832879 103.2776 ug/L
CCB -0.0000 ug/L
600-52498-A-3 1259.2369 ug/L
600-52498-A-4 5.5928 ug/L
RMB 600-75826/1-A -0.0000 ug/L
RLCS 600-75826/2-A@20 125.2951 ug/L
600-52424-A-1-I -0.0000 ug/L
600-52424-A-1-J DU -0.0000 ug/L
600-52424-A-1-K MS@20 96.4670 ug/L
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
Seconds


Channel 1 - cyanide
Volts
5.3
5.2
5.1
5.0
4.9
4.8
600-52577-A-1-D 0.0000 ug/L
600-52577-A-2-D 0.0000 ug/L
560-31192-D-1-B 0.0000 ug/L
CCV 832879 106.1636 ug/L
CCB 0.0000 ug/L
600-52117-A-1-G 0.0000 ug/L
600-52117-A-1-H-DU 0.0000 ug/L
600-52117-A-1-I MS@20 182.2554 ug/L
600-52189-A-1-C 0.0000 ug/L
600-52498-A-3@20 135.7340 ug/L
2000
2050
2100
2150
2200
2250
2300
2350
2400
2450
2500
Seconds

Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
CCV 832879 104.5147 ug/L
CCB -0.0000 ug/L
2500
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
Seconds

TestAmerica HOUSTON

pH / Corrosivity

EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: 3/26/12 0920 Analyst: MB Slope: 96.67 Balance ID: B2

Buffer ID: 4.00; 581321 7.00; 697130 10.00; 633478 LCS/ICV/CCV ID: 632813

1.00; 651512, 13.00; 586735 Batch #: 75619

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00	4.00	21.8	
Calibrate 7.00	7.00	21.9	
Calibrate 10.00	10.00	22.1	
LCS/ICV	6.98	21.3	TV= 7.00 std. units
52223 - A1	6.89	21.5	WATER
Duplicate ↓ A1	6.89	21.5	↓
52224 A1	7.52	21.4	
52225 A1	8.01	21.6	
52256 H1	8.04	21.8	
52256 G2	7.28	21.7	
52381 A1	7.44	21.6	
↓ A2	7.34	21.7	
↓ A3	7.40	21.8	
52380 A1	7.53	21.8	
52306 B1	7.48	21.7	↓
CCV	7.03	21.9	TV= 7.00 std. units
52486 A1	7.72	21.8	WATER
Duplicate ↓ A1	7.72	21.8	↓
52448 B1	7.44	22.0	
51958 A1	7.42	22.2	
↓ A2	7.37	21.9	
↓ A3	7.87	21.9	
52027 A2	6.91	21.8	
↓ A1	4.48	22.3	
52508 B1	7.34	21.7	
52117 A1	7.47	24.0	
52505 A1	5.61	21.9	↓
CCV	7.01	22.1	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: MC **Date:** 3/26/12

SCANNED

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: _____ Analyst: _____ Slope: 96.67 Balance ID: B2

Buffer ID: 4.00; 7.00; 10.00; LCS/ICV/CCV ID: _____

1.00; _____, 13.00; _____ Batch #: 75619

CONT'D

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00			
Calibrate 7.00			
Calibrate 10.00			
LCS/ICV	7.04	22.2	TV= 7.00 std. units
52390 A1	8.42	23.0	WASTE
Duplicate ↓ A1	8.42	23.0	↓
52392 A1	5.40	24.8	
394 A1	7.80	22.8	
399 A1	10.08	22.5	
	3/20/12	MB	
CCV	7.03	22.2	TV=7.00 std. units
Duplicate			
CCV			TV= _____ std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: _____ Date: 3/20/12

SCANNED

TESTAMERICA HOUSTON

Flashpoint / Ignitability by Closed or Open Cup

Date/Time: 3/22/12 16:00 Analyst: SP Barometric Reading (mm Hg): 757

Thermometer ID: 540 Batch #: 75477

LCS True Value: 81 LCS ID: 570596 (closed cup) (open cup)

Bottle ID	Sample ID	Thermometer Temp. (°F)	Corrected Temp. (°F)	Comment (Note Procedure Used)
	MB	>186	>186	
	LCS	82.0	82.18	
823174	52117-A1	>186	>186	1010
	DU	>186	>186	
824068	52189-A1	>186	>186	
825239	52256-I1	>186	>186	
↓ 249	H2	>186	>186	
827721	52399-A1	>186	>186	
	CCV	82.0	82.18	

SP 3/22/12

Flashpoint Barometric Pressure Correction Formula:

Corrected Flashpoint = F + 0.06 (760-P)

Where: F = Observed Flashpoint Temperature (°F)

P = Ambient Barometric Pressure (mm Hg)

Reviewed By: [signature] Date: 3/23/12

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75813 Batch Start Date: 03/27/12 17:00 Batch Analyst: Sineva, Ekaterina

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00491	WETRCYANID 00016		
MB 600-75813/1		7.3.4, 9012		10 g	250 mL				
LCS 600-75813/2		7.3.4, 9012		10 g	250 mL	10 mL	10 mL		

Batch Notes	

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75826 Batch Start Date: 03/28/12 09:29 Batch Analyst: Walker, Gerald (Gerry) C

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
600-52117-A-1	IDW 3	7.3.4, 9012	T	10 g	250 mL				
600-52117-A-1 DU	IDW 3	7.3.4, 9012	T	10 g	250 mL				
600-52117-A-1 MS	IDW 3	7.3.4, 9012	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75896 Batch Start Date: 03/28/12 16:25 Batch Analyst: Walker, Gerald (Gerry) C

Batch Method: 9012 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WETRCYANID 00016			
MB 600-75813/1-A		9012		5 mL	5 mL				
LCS 600-75813/2-A		9012		5 mL	5 mL	10 mL			
600-52117-A-1-G	IDW 3	9012	T	5 mL	5 mL				
600-52117-A-1-H DU	IDW 3	9012	T	5 mL	5 mL				
600-52117-A-1-I MS	IDW 3	9012	T	5 mL	5 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 77259 Batch Start Date: 04/16/12 13:19 Batch Analyst: Stephney, Amy

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00506	WETRCYANID 00016		
MB 600-77259/1		7.3.4, 7.4.4		10 mL	250 mL				
LCS 600-77259/2		7.3.4, 7.4.4		10 mL	250 mL	10 mL	10 mL		
600-52117-A-1	IDW 3	7.3.4, 7.4.4	T	10 mL	250 mL				
600-52117-A-1 MS	IDW 3	7.3.4, 7.4.4	T	10 mL	250 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 77293 Batch Start Date: 04/16/12 16:36 Batch Analyst: Sineva, Ekaterina

Batch Method: 7.4.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 600-77259/1-A		7.4.4		100 mL	100 mL				
LCS 600-77259/2-A		7.4.4		100 mL	100 mL				
600-52117-A-1-J	IDW 3	7.4.4	T	100 mL	100 mL				
600-52117-A-1-K MS	IDW 3	7.4.4	T	100 mL	100 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75619 Batch Start Date: 03/26/12 09:20 Batch Analyst: Boza, Michael

Batch Method: 9040B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SampleTemp	pHread1	CalcMsg	WETRPH7BUF 00015	
LCS 600-75619/1		9040B		50 mL	21.3 Celsius	6.98 SU	pH = Read 1	50 mL	
CCV 600-75619/13		9040B		50 mL	21.9 Celsius	7.03 SU	pH = Read 1	50 mL	
600-52117-A-1	IDW 3	9040B	T	50 mL	24.0 Celsius	7.47 SU	pH = Read 1		
CCV 600-75619/25		9040B		50 mL	22.1 Celsius	7.01 SU	pH = Read 1	50 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52117-1

SDG No.:

Batch Number: 75477 Batch Start Date: 03/22/12 16:00 Batch Analyst: Puranik, Surendra U

Batch Method: SW846 Ch. 7 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WETRPXYLEN 00005				
LCS 600-75477/2		SW846 Ch. 7		60 mL	60 mL				
CCV 600-75477/9		SW846 Ch. 7		60 mL	60 mL				

Batch Notes	

Basis	Basis Description

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

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TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
PBW, LLC	Chris Moore, chris.moore@pbwllc.com	3/15/2012	205033
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 **of** 1
2201 Double Creek Dr, Ste 4004	(512) 671-3434 / (512) 671-3446		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Round Rock / TX / 78664	Chris Moore	Sachin K	
Project Name and Location (State)	**Carrier/Waybill Number**		
Exide Frisco Recycling Center			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Total Pb	TCLP RCRA8	RCS	Special Instructions/ Conditions of Receipt
IDW 3	3/15/12	1210		X									X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/15/12	1528	1. Received By	3/16/12	909
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52117-1

Login Number: 52117

List Source: TestAmerica Houston

List Number: 1

Creator: Trenery, Michael J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Tel: (713)690-4444

TestAmerica Job ID: 600-52584-1
Client Project/Site: Exide Recycling Center, Frisco TX Projec
Revision: 1

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, Texas 78664

Attn: Mr. Chris Moore

Authorized for release by:
6/11/2012 10:56:11 AM
Cathy Upton
LAN Analyst
cathy.upton@testamericainc.com

Designee for

Sachin Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
TRRP Cover Page 3
TRRP Checklists & DCSs 4
Case Narrative 9
Method Summary 10
Sample Summary 11
Client Sample Results 12
Definitions/Glossary 13
QC Sample Results 14
Default Detection Limits 16
QC Association Summary 17
Lab Chronicle 19
Certification Summary 20
Raw Data 21
Chain of Custody 334
Receipt Checklists 336

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-52584-1rev

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		06/11/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 06/08/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52584rev
Reviewer Name: TWR	Prep Batch Number(s): 600-75853(SPLP), 75633(Soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for Soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all Soil and sediment samples?	X				
		Were bulk Soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				2
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 06/08/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52584rev
Reviewer Name: TWR	Prep Batch Number(s): 600-75853(SPLP), 75633(Soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			3
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 06/08/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52584rev
Reviewer Name: TWR	Prep Batch Number(s): 600-75853(SPLP), 75633(Soil)- ICP

ER #[1]	DESCRIPTION
1	The cadmium recoveries in soil samples 52584-1 MS and MSD were outside acceptance limits, but were not flagged due to the background sample result being greater than four times the spike added concentration. Method performance is demonstrated by acceptable LCS recoveries.
2	The cadmium SDL was elevated in soil sample 52584-1 due to the dilution necessary to bring this analyte to within linear dynamic range.
3	The PDS recoveries for soil sample 52584-1 could not be calculated due to the background sample result being greater than four times the spike added concentration. The SD for soil sample 52584-1 confirms the evidence of matrix interference. The laboratory selected a sample from another client to perform as the SPLP PDS/SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALS Batches:	75833
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.315	25
Antimony	0.231553	0.45	0.485	2.5
Arsenic	0.217923	0.5	0.43	1
Barium	0.011322	0.03	0.02	1
Beryllium	0.014513	0.02	0.02	0.25
Boron	0.385535	0.6	0.755	20
Cadmium	0.025642	0.05	0.045	0.25
Calcium	0.86399	1.5	2.88	100
Chromium	0.050606	0.1	0.1	0.5
Cobalt	0.067622	0.1	0.095	0.5
Copper	0.173703	0.5	0.43	0.5
Iron	2.534007	4	3.77	20
Lithium	0.007932	0.01	0.04	10
Lead	0.104832	0.2	0.2	0.5
Selenium	0.258884	0.5	0.555	2
Manganese	0.038111	0.05	0.065	1.5
Molybdenum	0.136448	0.35	0.345	0.5
Nickel	0.116599	0.15	0.145	1
Silver	0.118848	0.2	0.19	0.5
Sodium	0.885548	2.4	2.215	100
Strontium	0.00252	0.005	0.965	0.25
Thallium	0.276988	0.7	0.595	1.5
Tin	0.08729	0.15	0.14	1
Titanium	0.014529	0.03	0.045	0.5
Vanadium	0.079068	0.15	0.195	0.5
Zinc	0.108432	0.2	0.34	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALs Batches:	75833
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.008	0.5
Antimony	0.0063	0.01	0.0095	0.05
Arsenic	0.0033	0.01	0.0079	0.01
Barium	0.0022	0.005	0.0049	0.02
Beryllium	0.00134	0.002	0.0042	0.005
Boron	0.0077	0.02	0.0204	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.0589	1
Chromium	0.0016	0.002	0.0043	0.01
Cobalt	0.00063	0.001	0.0011	0.01
Copper	0.0014	0.002	0.0014	0.01
Iron	0.087	0.1	0.1005	0.4
Lithium	0.0024	0.005	0.0054	0.2
Lead	0.0029	0.005	0.0054	0.01
Selenium	0.0042	0.01	0.0084	0.04
Manganese	0.00084	0.002	0.002	0.01
Molybdenum	0.0027	0.005	0.005	0.01
Nickel	0.00179	0.005	0.0049	0.01
Silver	0.0012	0.0025	0.0025	0.01
Sodium	0.02	0.05	0.0559	1
Strontium	0.0005	0.001	0.0011	0.005
Thallium	0.0078	0.02	0.0195	0.03
Tin	0.0028	0.005	0.0048	0.01
Titanium	0.0011	0.002	0.0018	0.01
Vanadium	0.0017	0.002	0.0048	0.01
Zinc	0.0022	0.005	0.0064	0.01

Job ID: 600-52584-1

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-52584-1

Comments
The report was revised on 06/11/12 to make corrections to the final report--see attached email.

Receipt
The samples were received on 3/24/2012 9:52 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.2º C.

Method Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52584-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL HOU
Moisture	Percent Moisture	EPA	TAL HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52584-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-52584-1	2012-BSA-3A(0-2)	Solid	03/23/12 08:38	03/24/12 09:52
600-52584-2	2012-BSA-1A(0-2)	Solid	03/23/12 09:27	03/24/12 09:52

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52584-1

Client Sample ID: 2012-BSA-3A(0-2)

Lab Sample ID: 600-52584-1

Date Collected: 03/23/12 08:38
Matrix: Solid
Date Received: 03/24/12 09:52
Percent Solids: 79.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	935		3.03	0.311	mg/Kg	☼	03/26/12 13:13	03/27/12 15:24	10

Method: 6010B - Metals (ICP) - SPLP West

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0125		0.00500	0.000350	mg/L		03/28/12 13:31	03/29/12 11:04	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21		1.0	1.0	%			03/26/12 18:46	1
Percent Solids	79		1.0	1.0	%			03/26/12 18:46	1

Client Sample ID: 2012-BSA-1A(0-2)

Lab Sample ID: 600-52584-2

Date Collected: 03/23/12 09:27
Matrix: Solid
Date Received: 03/24/12 09:52
Percent Solids: 80.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	96.8		0.601	0.126	mg/Kg	☼	03/26/12 13:13	03/26/12 19:19	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		1.0	1.0	%			03/26/12 18:46	1
Percent Solids	80		1.0	1.0	%			03/26/12 18:46	1

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-75633/1-A
Matrix: Solid
Analysis Batch: 75695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75633

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0256	U	0.250	0.0256	mg/Kg		03/26/12 13:13	03/26/12 18:32	1
Lead	0.105	U	0.500	0.105	mg/Kg		03/26/12 13:13	03/26/12 18:32	1

Lab Sample ID: LCS 600-75633/2-A
Matrix: Solid
Analysis Batch: 75695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	71.0	69.41		mg/Kg		98	81 - 119
Lead	144	135.8		mg/Kg		94	79 - 121

Lab Sample ID: 600-52584-1 MS
Matrix: Solid
Analysis Batch: 75753

Client Sample ID: 2012-BSA-3A(0-2)
Prep Type: Total/NA
Prep Batch: 75633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	935		30.3	773.7	4	mg/Kg	☼	-532	75 - 125

Lab Sample ID: 600-52584-1 MSD
Matrix: Solid
Analysis Batch: 75753

Client Sample ID: 2012-BSA-3A(0-2)
Prep Type: Total/NA
Prep Batch: 75633

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	935		30.1	659.9	4	mg/Kg	☼	-916	75 - 125	15.9	20

Lab Sample ID: 600-52584-1 DU
Matrix: Solid
Analysis Batch: 75753

Client Sample ID: 2012-BSA-3A(0-2)
Prep Type: Total/NA
Prep Batch: 75633

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cadmium	935		986.8		mg/Kg	☼	5.00	20

Lab Sample ID: MB 600-75853/1-A
Matrix: Solid
Analysis Batch: 75938

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75853

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.000350	U	0.00500	0.000350	mg/L		03/28/12 13:31	03/29/12 09:47	1

Lab Sample ID: LCS 600-75853/2-A
Matrix: Solid
Analysis Batch: 75938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75853

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.500	0.5248		mg/L		105	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LB 600-75838/1-B LB
Matrix: Solid
Analysis Batch: 75938

Client Sample ID: Method Blank
Prep Type: SPLP West
Prep Batch: 75853

Analyte	LB Result	LB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.000350	U	0.00500	0.000350	mg/L		03/28/12 13:31	03/29/12 11:00	1

Lab Sample ID: 600-52584-1 MS
Matrix: Solid
Analysis Batch: 75938

Client Sample ID: 2012-BSA-3A(0-2)
Prep Type: SPLP West
Prep Batch: 75853

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cadmium	0.0125		0.500	0.5329		mg/L		104	75 - 125		

Lab Sample ID: 600-52584-1 MSD
Matrix: Solid
Analysis Batch: 75938

Client Sample ID: 2012-BSA-3A(0-2)
Prep Type: SPLP West
Prep Batch: 75853

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	0.0125		0.500	0.5383		mg/L		105	75 - 125	1.00	20

Lab Sample ID: 600-52584-1 DU
Matrix: Solid
Analysis Batch: 75938

Client Sample ID: 2012-BSA-3A(0-2)
Prep Type: SPLP West
Prep Batch: 75853

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cadmium	0.0125			0.01219		mg/L				2.00	20

Method: Moisture - Percent Moisture

Lab Sample ID: 600-52584-1 DU
Matrix: Solid
Analysis Batch: 75687

Client Sample ID: 2012-BSA-3A(0-2)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	21			19		%				9.00	
Percent Solids	79			81		%				2.00	

Unadjusted Detection Limits

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52584-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Cadmium	0.250	0.0256	mg/Kg	6010B
Lead	0.500	0.105	mg/Kg	6010B

Method: 6010B - Metals (ICP) - SPLP West

Analyte	MQL	MDL	Units	Method
Cadmium	0.00500	0.000350	mg/L	6010B

General Chemistry

Analyte	MQL	MDL	Units	Method
Percent Moisture	1.0	1.0	%	Moisture
Percent Solids	1.0	1.0	%	Moisture

Metals

Prep Batch: 75633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52584-1	2012-BSA-3A(0-2)	Total/NA	Solid	3050B	
600-52584-1 DU	2012-BSA-3A(0-2)	Total/NA	Solid	3050B	
600-52584-1 MS	2012-BSA-3A(0-2)	Total/NA	Solid	3050B	
600-52584-1 MSD	2012-BSA-3A(0-2)	Total/NA	Solid	3050B	
600-52584-2	2012-BSA-1A(0-2)	Total/NA	Solid	3050B	
LCS 600-75633/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 600-75633/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 75695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52584-2	2012-BSA-1A(0-2)	Total/NA	Solid	6010B	75633
LCS 600-75633/2-A	Lab Control Sample	Total/NA	Solid	6010B	75633
MB 600-75633/1-A	Method Blank	Total/NA	Solid	6010B	75633

Analysis Batch: 75753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52584-1	2012-BSA-3A(0-2)	Total/NA	Solid	6010B	75633
600-52584-1 DU	2012-BSA-3A(0-2)	Total/NA	Solid	6010B	75633
600-52584-1 MS	2012-BSA-3A(0-2)	Total/NA	Solid	6010B	75633
600-52584-1 MSD	2012-BSA-3A(0-2)	Total/NA	Solid	6010B	75633

Leach Batch: 75838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52584-1	2012-BSA-3A(0-2)	SPLP West	Solid	1312	
600-52584-1 DU	2012-BSA-3A(0-2)	SPLP West	Solid	1312	
600-52584-1 MS	2012-BSA-3A(0-2)	SPLP West	Solid	1312	
600-52584-1 MSD	2012-BSA-3A(0-2)	SPLP West	Solid	1312	
LB 600-75838/1-B LB	Method Blank	SPLP West	Solid	1312	

Prep Batch: 75853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52584-1	2012-BSA-3A(0-2)	SPLP West	Solid	3010A	75838
600-52584-1 DU	2012-BSA-3A(0-2)	SPLP West	Solid	3010A	75838
600-52584-1 MS	2012-BSA-3A(0-2)	SPLP West	Solid	3010A	75838
600-52584-1 MSD	2012-BSA-3A(0-2)	SPLP West	Solid	3010A	75838
LB 600-75838/1-B LB	Method Blank	SPLP West	Solid	3010A	75838
LCS 600-75853/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 600-75853/1-A	Method Blank	Total/NA	Solid	3010A	

Analysis Batch: 75938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52584-1	2012-BSA-3A(0-2)	SPLP West	Solid	6010B	75853
600-52584-1 DU	2012-BSA-3A(0-2)	SPLP West	Solid	6010B	75853
600-52584-1 MS	2012-BSA-3A(0-2)	SPLP West	Solid	6010B	75853
600-52584-1 MSD	2012-BSA-3A(0-2)	SPLP West	Solid	6010B	75853
LB 600-75838/1-B LB	Method Blank	SPLP West	Solid	6010B	75853
LCS 600-75853/2-A	Lab Control Sample	Total/NA	Solid	6010B	75853
MB 600-75853/1-A	Method Blank	Total/NA	Solid	6010B	75853

QC Association Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52584-1

General Chemistry

Analysis Batch: 75687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52584-1	2012-BSA-3A(0-2)	Total/NA	Solid	Moisture	
600-52584-1 DU	2012-BSA-3A(0-2)	Total/NA	Solid	Moisture	
600-52584-2	2012-BSA-1A(0-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52584-1

Client Sample ID: 2012-BSA-3A(0-2)

Lab Sample ID: 600-52584-1

Date Collected: 03/23/12 08:38

Matrix: Solid

Date Received: 03/24/12 09:52

Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			75633	03/26/12 13:13	NER	TAL HOU
Total/NA	Analysis	6010B		10	75753	03/27/12 15:24	DCL	TAL HOU
SPLP West	Leach	1312			75838	03/27/12 18:45	TWR	TAL HOU
SPLP West	Prep	3010A			75853	03/28/12 13:31	NER	TAL HOU
SPLP West	Analysis	6010B		1	75938	03/29/12 11:04	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	75687	03/26/12 18:46	SUP	TAL HOU

Client Sample ID: 2012-BSA-1A(0-2)

Lab Sample ID: 600-52584-2

Date Collected: 03/23/12 09:27

Matrix: Solid

Date Received: 03/24/12 09:52

Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			75633	03/26/12 13:13	NER	TAL HOU
Total/NA	Analysis	6010B		1	75695	03/26/12 19:19	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	75687	03/26/12 18:46	SUP	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Certification Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52584-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Houston	Arkansas DEQ	State Program	6	88-0759
TestAmerica Houston	Louisiana	NELAC	6	30643
TestAmerica Houston	Oklahoma	State Program	6	9503
TestAmerica Houston	Texas	NELAC	6	T104704223-10-6-TX
TestAmerica Houston	USDA	Federal		P330-08-00217
TestAmerica Houston	Utah	NELAC	8	GULF

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-BSA-3A(0-2)	600-52584-1
2012-BSA-1A(0-2)	600-52584-2

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BSA-3A(0-2) Lab Sample ID: 600-52584-1

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG ID.:

Matrix: Solid Date Sampled: 03/23/2012 08:38

Reporting Basis: DRY Date Received: 03/24/2012 09:52

% Solids: 79.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	935	3.03	0.311	mg/Kg			10	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - SPLP WEST

Client Sample ID: 2012-BSA-3A(0-2)
Lab Sample ID: 600-52584-1
Lab Name: TestAmerica Houston
Job No.: 600-52584-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/23/2012 08:38
Reporting Basis: WET
Date Received: 03/24/2012 09:52

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0125	0.00500	0.000350	mg/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BSA-1A(0-2) Lab Sample ID: 600-52584-2

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG ID.:

Matrix: Solid Date Sampled: 03/23/2012 09:27

Reporting Basis: DRY Date Received: 03/24/2012 09:52

% Solids: 80.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	96.8	0.601	0.126	mg/Kg			1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

ICV Source: MET0312CCV_00006 Concentration Units: mg/L

CCV Source: MET0312CCV_00006

Analyte	ICV 600-75753/9 03/27/2012 13:02				CCV 600-75753/40 03/27/2012 14:55				CCV 600-75753/53 03/27/2012 15:29			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4870		0.500	97	0.4711		0.500	94	0.4717		0.500	94

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

ICV Source: MET0312CCV_00006 Concentration Units: mg/L

CCV Source: MET0312CCV_00006

Analyte	CCV 600-75753/58 03/27/2012 15:42											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4774		0.500	95								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	ICV 600-75695/4 03/26/2012 16:50				CCV 600-75695/21 03/26/2012 17:55				CCV 600-75695/33 03/26/2012 18:44			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5017		0.500	100	0.5035		0.500	101	0.4945		0.500	99
Lead	0.5001		0.500	100	0.5035		0.500	101	0.5002		0.500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	CCV 600-75695/45 03/26/2012 19:30				CCV 600-75695/48 03/26/2012 19:42							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.4924		0.500	98	0.4887		0.500	98				
Lead	0.5055		0.500	101	0.5017		0.500	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00005

Analyte	ICV 600-75938/4 03/29/2012 08:54				CCV 600-75938/9 03/29/2012 09:13							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5069		0.500	101	0.5068		0.500	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00007

Analyte	ICV 600-75938/4 03/29/2012 08:54				CCV 600-75938/21 03/29/2012 10:06				CCV 600-75938/33 03/29/2012 10:52			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5069		0.500	101	0.5087		0.500	102	0.5126		0.500	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

ICV Source: MET0312CCV_00005 Concentration Units: mg/L

CCV Source: MET0312CCV_00007

Analyte	CCV 600-75938/43 03/29/2012 11:31											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	0.5162		0.500	103								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-75695/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.009590	J	96	0-500

Lab Sample ID: CRI 600-75938/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005290		106	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-75753/11 03/27/2012 13:07		CCB 600-75753/42 03/27/2012 15:00		CCB 600-75753/55 03/27/2012 15:34		CCB 600-75753/60 03/27/2012 15:47	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-75695/5 03/26/2012 16:54		CCB 600-75695/22 03/26/2012 17:59		CCB 600-75695/34 03/26/2012 18:48		CCB 600-75695/46 03/26/2012 19:34	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-75695/49 03/26/2012 19:46							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000730	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-75938/5 03/29/2012 08:58		CCB 600-75938/10 03/29/2012 09:17		CCB 600-75938/22 03/29/2012 10:10		CCB 600-75938/34 03/29/2012 10:56	
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-75938/44 03/29/2012 11:34							
		Found	C	Found	C	Found	C	Found	C
Cadmium	0.00500	0.000350	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-75633/1-A

Instrument Code: TJA1 Batch No.: 75695

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.105	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-75853/1-A

Instrument Code: TJA1 Batch No.: 75938

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B

FORM III-IN

3-IN
METHOD BLANK
METALS - SPLP WEST

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 600-75838/1-B

Instrument Code: TJA1 Batch No.: 75938

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.000350	U		6010B

FORM III-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSA 600-75753/12 Instrument ID: Thermo6500

Lab File ID: A032712.asc ICS Source: METISA_00071

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0003**	
Aluminum	*500*	*510*	*102*
Antimony		*-0.0088*	
Arsenic		*-0.0006*	
Barium		*0.0004*	
Beryllium		*0.0002*	
Boron		*-0.0025*	
Calcium	*500*	*485*	*97*
Chromium		*0.0017*	
Cobalt		*0.0005*	
Copper		*0.0016*	
Iron	*200*	*193*	*96*
Lead		*0.0032*	
Lithium		*0.0137*	
Magnesium	*500*	*475*	*95*
Manganese		*-0.0042*	
Molybdenum		*0.0001*	
Nickel		*0.0050*	
Potassium		*-0.0231*	
Selenium		*0.0027*	
Silicon		*-0.0011*	
Silver		*0.0001*	
Sodium		*0.0234*	
Strontium		*0.0021*	
Thallium		*-0.0053*	
Tin		*0.0004*	
Titanium		*0.0026*	
Vanadium		*-0.0062*	
Zinc		*0.0039*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSAB 600-75753/13 Instrument ID: Thermo6500

Lab File ID: A032712.asc ICS Source: METISB_00073

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.495**	**99**
Aluminum	*510*	*530*	*104*
Antimony	*1.00*	*0.933*	*93*
Arsenic	*1.00*	*0.973*	*97*
Barium	*1.00*	*0.981*	*98*
Beryllium	*0.500*	*0.484*	*97*
Boron	*1.00*	*0.976*	*98*
Calcium	*510*	*502*	*98*
Chromium	*1.00*	*0.949*	*95*
Cobalt	*1.00*	*1.00*	*100*
Copper	*1.00*	*1.02*	*102*
Iron	*210*	*202*	*96*
Lead	*1.00*	*0.980*	*98*
Lithium	*1.00*	*1.03*	*103*
Magnesium	*510*	*498*	*98*
Manganese	*1.00*	*0.937*	*94*
Molybdenum	*1.00*	*0.910*	*91*
Nickel	*1.00*	*0.992*	*99*
Potassium	*10.0*	*10.2*	*102*
Selenium	*1.00*	*0.962*	*96*
Silicon	*1.00*	*0.945*	*95*
Silver	*0.500*	*0.530*	*106*
Sodium	*10.0*	*10.1*	*101*
Strontium	*0.500*	*0.490*	*98*
Thallium	*1.00*	*0.911*	*91*
Tin	*1.00*	*0.997*	*100*
Titanium	*1.00*	*0.981*	*98*
Vanadium	*1.00*	*0.960*	*96*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSA 600-75753/61 Instrument ID: Thermo6500

Lab File ID: A032712.asc ICS Source: METISA_00071

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**0.0002**	
Aluminum	*500*	*516*	*103*
Antimony		*-0.0090*	
Arsenic		*0.0004*	
Barium		*0.0006*	
Beryllium		*-0.0001*	
Boron		*0.0006*	
Calcium	*500*	*463*	*93*
Chromium		*0.0022*	
Cobalt		*0.0000*	
Copper		*0.0016*	
Iron	*200*	*192*	*96*
Lead		*0.0044*	
Lithium		*0.0154*	
Magnesium	*500*	*486*	*97*
Manganese		*-0.0043*	
Molybdenum		*0.0003*	
Nickel		*0.0067*	
Potassium		*-0.0285*	
Selenium		*-0.0009*	
Silicon		*0.0050*	
Silver		*-0.0010*	
Sodium		*0.0395*	
Strontium		*0.0021*	
Thallium		*-0.0029*	
Tin		*0.0024*	
Titanium		*0.0037*	
Vanadium		*-0.0056*	
Zinc		*0.0041*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSAB 600-75753/62 Instrument ID: Thermo6500

Lab File ID: A032712.asc ICS Source: METISB_00073

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.476**	**95**
Aluminum	*510*	*524*	*103*
Antimony	*1.00*	*0.853*	*85*
Arsenic	*1.00*	*0.880*	*88*
Barium	*1.00*	*0.959*	*96*
Beryllium	*0.500*	*0.475*	*95*
Boron	*1.00*	*0.965*	*96*
Calcium	*510*	*469*	*92*
Chromium	*1.00*	*1.01*	*101*
Cobalt	*1.00*	*1.02*	*102*
Copper	*1.00*	*1.07*	*107*
Iron	*210*	*197*	*94*
Lead	*1.00*	*0.944*	*94*
Lithium	*1.00*	*0.980*	*98*
Magnesium	*510*	*498*	*98*
Manganese	*1.00*	*0.980*	*98*
Molybdenum	*1.00*	*0.801*	*80*
Nickel	*1.00*	*0.940*	*94*
Potassium	*10.0*	*10.2*	*102*
Selenium	*1.00*	*0.846*	*85*
Silicon	*1.00*	*0.858*	*86*
Silver	*0.500*	*0.549*	*110*
Sodium	*10.0*	*9.91*	*99*
Strontium	*0.500*	*0.453*	*91*
Thallium	*1.00*	*0.962*	*96*
Tin	*1.00*	*1.06*	*106*
Titanium	*1.00*	*1.13*	*113*
Vanadium	*1.00*	*1.09*	*109*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSA 600-75695/7 Instrument ID: TJA1

Lab File ID: B032612 ICS Source: METISA_00070

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Cadmium		**-0.0091**	
Lead		**0.0185**	
Aluminum	*500*	*514*	*103*
Antimony		*0.0021*	
Arsenic		*-0.0010*	
Barium		*0.0017*	
Beryllium		*-0.0003*	
Boron		*-0.0003*	
Calcium	*500*	*466*	*93*
Chromium		*0.0015*	
Cobalt		*-0.0007*	
Copper		*0.0126*	
Iron	*200*	*197*	*98*
Lithium		*0.0044*	
Magnesium	*500*	*530*	*106*
Manganese		*-0.0076*	
Molybdenum		*-0.0004*	
Nickel		*0.0007*	
Potassium		*0.178*	
Selenium		*-0.0209*	
Silicon		*0.0134*	
Silver		*-0.0013*	
Sodium		*0.197*	
Strontium		*-0.0092*	
Thallium		*0.0197*	
Tin		*-0.0066*	
Titanium		*-0.0037*	
Vanadium		*0.0052*	
Zinc		*-0.0060*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSAB 600-75695/8 Instrument ID: TJA1

Lab File ID: B032612 ICS Source: METISB_00072

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.475**	**95**
Lead	**1.00**	**1.02**	**102**
Aluminum	*510*	*522*	*102*
Antimony	*1.00*	*1.05*	*105*
Arsenic	*1.00*	*1.04*	*104*
Barium	*1.00*	*1.05*	*105*
Beryllium	*0.500*	*0.507*	*101*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*471*	*92*
Chromium	*1.00*	*1.00*	*100*
Cobalt	*1.00*	*0.972*	*97*
Copper	*1.00*	*1.10*	*110*
Iron	*210*	*206*	*98*
Lithium	*1.00*	*1.18*	*118*
Magnesium	*510*	*538*	*105*
Manganese	*1.00*	*0.997*	*100*
Molybdenum	*1.00*	*1.02*	*102*
Nickel	*1.00*	*0.961*	*96*
Potassium	*10.0*	*14.2*	*142*
Selenium	*1.00*	*1.02*	*102*
Silicon	*1.00*	*1.05*	*105*
Silver	*0.500*	*0.551*	*110*
Sodium	*10.0*	*13.3*	*133*
Strontium	*0.500*	*0.505*	*101*
Thallium	*1.00*	*1.03*	*103*
Tin	*1.00*	*1.02*	*102*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.02*	*102*
Zinc	*1.00*	*1.03*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSA 600-75695/50 Instrument ID: TJA1

Lab File ID: B032612 ICS Source: METISA_00070

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Cadmium		**-0.0081**	
Lead		**0.0178**	
Aluminum	*500*	*519*	*104*
Antimony		*0.0071*	
Arsenic		*0.0026*	
Barium		*0.0018*	
Beryllium		*0.0003*	
Boron		*-0.0010*	
Calcium	*500*	*465*	*93*
Chromium		*0.0016*	
Cobalt		*-0.0007*	
Copper		*0.0140*	
Iron	*200*	*195*	*97*
Lithium		*0.0039*	
Magnesium	*500*	*536*	*107*
Manganese		*-0.0077*	
Molybdenum		*-0.0006*	
Nickel		*0.0006*	
Potassium		*-0.0560*	
Selenium		*-0.0203*	
Silicon		*0.0153*	
Silver		*-0.0011*	
Sodium		*0.173*	
Strontium		*-0.0091*	
Thallium		*0.0173*	
Tin		*-0.0044*	
Titanium		*-0.0034*	
Vanadium		*0.0047*	
Zinc		*-0.0048*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSAB 600-75695/51 Instrument ID: TJA1

Lab File ID: B032612 ICS Source: METISB_00072

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.462**	**92**
Lead	**1.00**	**1.02**	**102**
Aluminum	*510*	*527*	*103*
Antimony	*1.00*	*1.03*	*103*
Arsenic	*1.00*	*1.03*	*103*
Barium	*1.00*	*1.03*	*103*
Beryllium	*0.500*	*0.524*	*105*
Boron	*1.00*	*1.04*	*104*
Calcium	*510*	*471*	*92*
Chromium	*1.00*	*1.04*	*104*
Cobalt	*1.00*	*0.993*	*99*
Copper	*1.00*	*1.13*	*113*
Iron	*210*	*204*	*97*
Lithium	*1.00*	*1.14*	*114*
Magnesium	*510*	*545*	*107*
Manganese	*1.00*	*0.998*	*100*
Molybdenum	*1.00*	*1.03*	*103*
Nickel	*1.00*	*0.950*	*95*
Potassium	*10.0*	*13.5*	*135*
Selenium	*1.00*	*1.02*	*102*
Silicon	*1.00*	*1.06*	*106*
Silver	*0.500*	*0.557*	*111*
Sodium	*10.0*	*12.9*	*129*
Strontium	*0.500*	*0.497*	*99*
Thallium	*1.00*	*0.989*	*99*
Tin	*1.00*	*1.03*	*103*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.04*	*104*
Zinc	*1.00*	*1.03*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSA 600-75938/7 Instrument ID: TJA1

Lab File ID: A032912 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Cadmium		**-0.0039**	
Aluminum	*500*	*486*	*97*
Antimony		*0.0002*	
Arsenic		*0.0042*	
Barium		*0.0015*	
Beryllium		*-0.0001*	
Boron		*-0.0023*	
Calcium	*500*	*441*	*88*
Chromium		*0.0013*	
Cobalt		*-0.0002*	
Copper		*0.0126*	
Iron	*200*	*189*	*94*
Lead		*0.0039*	
Lithium		*0.0040*	
Magnesium	*500*	*503*	*101*
Manganese		*-0.0076*	
Molybdenum		*0.0007*	
Nickel		*0.0004*	
Potassium		*0.0250*	
Selenium		*-0.0059*	
Silicon		*0.0091*	
Silver		*0.0000*	
Sodium		*0.178*	
Strontium		*-0.0088*	
Thallium		*-0.0061*	
Tin		*0.0016*	
Titanium		*-0.0035*	
Vanadium		*0.0028*	
Zinc		*-0.0036*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSAB 600-75938/8 Instrument ID: TJA1

Lab File ID: A032912 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Cadmium	**0.500**	**0.477**	**95**
Aluminum	*510*	*510*	*100*
Antimony	*1.00*	*1.05*	*105*
Arsenic	*1.00*	*1.04*	*104*
Barium	*1.00*	*1.03*	*103*
Beryllium	*0.500*	*0.502*	*100*
Boron	*1.00*	*1.05*	*105*
Calcium	*510*	*462*	*91*
Chromium	*1.00*	*0.989*	*99*
Cobalt	*1.00*	*0.960*	*96*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*204*	*97*
Lead	*1.00*	*0.995*	*100*
Lithium	*1.00*	*1.17*	*117*
Magnesium	*510*	*529*	*104*
Manganese	*1.00*	*0.984*	*98*
Molybdenum	*1.00*	*1.01*	*101*
Nickel	*1.00*	*0.974*	*97*
Potassium	*10.0*	*14.2*	*142*
Selenium	*1.00*	*1.02*	*102*
Silicon	*1.00*	*1.02*	*102*
Silver	*0.500*	*0.546*	*109*
Sodium	*10.0*	*13.2*	*132*
Strontium	*0.500*	*0.499*	*100*
Thallium	*1.00*	*0.992*	*99*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*1.01*	*101*
Vanadium	*1.00*	*1.00*	*100*
Zinc	*1.00*	*1.03*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSA 600-75938/116 Instrument ID: TJA1

Lab File ID: A032912 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Cadmium		**-0.0071**	
Aluminum	*500*	*476*	*95*
Antimony		*0.0037*	
Arsenic		*0.0012*	
Barium		*0.0018*	
Beryllium		*-0.0017*	
Boron		*-0.0023*	
Calcium	*500*	*437*	*87*
Chromium		*0.0012*	
Cobalt		*-0.0004*	
Copper		*0.0085*	
Iron	*200*	*196*	*98*
Lead		*0.0025*	
Lithium		*0.0054*	
Magnesium	*500*	*472*	*94*
Manganese		*-0.0067*	
Molybdenum		*-0.0026*	
Nickel		*0.0000*	
Potassium		*0.455*	
Selenium		*-0.0179*	
Silicon		*-0.0017*	
Silver		*-0.0009*	
Sodium		*0.207*	
Sodium		*0.221*	
Strontium		*-0.0084*	
Thallium		*0.0318*	
Tin		*-0.0060*	
Titanium		*-0.0037*	
Vanadium		*0.0056*	
Zinc		*-0.0074*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Lab Sample ID: ICSAB 600-75938/117 Instrument ID: TJA1

Lab File ID: A032912 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Cadmium	**0.500**	**0.529**	**106**
Aluminum	*510*	*493*	*97*
Antimony	*1.00*	*1.16*	*116*
Arsenic	*1.00*	*1.08*	*108*
Barium	*1.00*	*1.15*	*115*
Beryllium	*0.500*	*0.433*	*87*
Boron	*1.00*	*1.14*	*114*
Calcium	*510*	*450*	*88*
Chromium	*1.00*	*0.914*	*91*
Cobalt	*1.00*	*0.882*	*88*
Copper	*1.00*	*0.975*	*98*
Iron	*210*	*210*	*100*
Lead	*1.00*	*1.01*	*101*
Lithium	*1.00*	*1.36*	*136*
Magnesium	*510*	*490*	*96*
Manganese	*1.00*	*0.959*	*96*
Molybdenum	*1.00*	*1.02*	*102*
Nickel	*1.00*	*1.01*	*101*
Potassium	*10.0*	*16.6*	*166*
Selenium	*1.00*	*0.992*	*99*
Silicon	*1.00*	*0.999*	*100*
Silver	*0.500*	*0.539*	*108*
Sodium	*10.0*	*12.5*	*125*
Sodium	*10.0*	*15.1*	*151*
Strontium	*0.500*	*0.556*	*111*
Thallium	*1.00*	*1.19*	*119*
Tin	*1.00*	*0.987*	*99*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*0.949*	*95*
Zinc	*1.00*	*1.08*	*108*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-BSA-3A(0-2) MS
Lab ID: 600-52584-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-52584-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 79.2

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	773.7		935		30.3	-532	75-125	4	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - SPLP WEST

Client ID: 2012-BSA-3A(0-2) MS Lab ID: 600-52584-1 MS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Matrix: Solid Concentration Units: mg/L

% Solids:

Analyte	SSR C		Sample Result (SR) C		Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	0.5329		0.0125		0.500	104	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-BSA-3A(0-2) MSD
Lab ID: 600-52584-1 MSD
Lab Name: TestAmerica Houston
Job No.: 600-52584-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 79.2

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	659.9		30.1	-916	75-125	15.9	20	4	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - SPLP WEST

Client ID: 2012-BSA-3A(0-2) MSD Lab ID: 600-52584-1 MSD

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Matrix: Solid Concentration Units: mg/L

% Solids:

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	0.5383		0.500	105	75-125	1.00	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-BSA-3A(0-2) PDS Lab ID: 600-52584-1 PDS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	734.3		935		30.3	NC	75-125		6010B
Lead	1396		1640		60.7	NC	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 2012-BSA-3A(0-2) DU Lab ID: 600-52584-1 DU

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

% Solids for Sample: 79.2 % Solids for Duplicate: 79.2

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	3.09	935		986.8		5.00		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - SPLP WEST

Client ID: 2012-BSA-3A(0-2) DU Lab ID: 600-52584-1 DU

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.00500	0.0125		0.01219		2.00		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-75633/2-A

Lab Name: TestAmerica Houston Job No.: 600-52584-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	69.41		98	81	119		6010B
Lead	144	135.8		94	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-75853/2-A

Lab Name: TestAmerica Houston Job No.: 600-52584-1

Sample Matrix: Water LCS Source: METSPIKEA_00011

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	0.500	0.5248		105	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-52584-1

SDG No:

Lab Name: TestAmerica Houston Job No: 600-52584-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	935		866.5		7.3		6010B
Lead	1640		1576		4.1		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG Number:

Matrix: Solid Instrument ID: Thermo6500

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00073

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.01	0.0029

FORM IX - IN

9-IN
DETECTION LIMITS
METALS - SPLP WEST

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Leach Method: 1312

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Cadmium		0.005	0.00035

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - SPLP WEST

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cadmium		0.005	0.00035

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Li
Aluminum															
Antimony											0.016762				
Arsenic											0.000730				
Barium															
Beryllium															
Boron															
Cadmium				0.006606											
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead			0.000130					-0.000003		-0.000716		0.00005	-0.000008		
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium										0.001769	0.00014				
Tin															
Titanium											0.000212				
Vanadium															
Zinc											-0.000077				

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
Aluminum				0.024544											-0.023029
Antimony															
Arsenic				0.000336											
Barium															
Beryllium															0.000109
Boron															
Cadmium															0.000051
Calcium															
Chromium															
Cobalt						0.000428							0.001761		
Copper				0.000349											-0.000072
Iron															
Lead				-0.001741		0.000053				0.000127					
Lithium															
Magnesium															
Manganese		0.000013													
Molybdenum															
Nickel				0.000181										0.000158	
Potassium															
Selenium															
Silicon				0.005820											
Silver				0.024544											0.000094
Sodium															
Strontium															
Thallium			0.00095												0.000309
Tin															
Titanium				0.000352											
Vanadium				-0.001293											
Zinc				0.000669											

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG No.:

ICP-AES Instrument ID: Thermo6500 Date: 10/14/2011

Analyte	Wave Length	Zn													
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Boron															
Cadmium															
Calcium															
Chromium															
Cobalt															
Copper															
Iron															
Lead															
Lithium															
Magnesium															
Manganese															
Molybdenum															
Nickel															
Potassium															
Selenium															
Silicon															
Silver															
Sodium															
Strontium															
Thallium															
Tin															
Titanium															
Vanadium															
Zinc															

X-IN

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-52584-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B

FORM XI - IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-75633/1-A	03/26/2012 13:13	75633	1.00		50
LCS 600-75633/2-A	03/26/2012 13:13	75633	0.50		50
600-52584-1	03/26/2012 13:13	75633	1.04		50
600-52584-1 DU	03/26/2012 13:13	75633	1.02		50
600-52584-1 MS	03/26/2012 13:13	75633	1.04		50
600-52584-1 MSD	03/26/2012 13:13	75633	1.05		50
600-52584-2	03/26/2012 13:13	75633	1.04		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-75853/1-A	03/28/2012 13:31	75853		50	50
LCS 600-75853/2-A	03/28/2012 13:31	75853		50	50
LB 600-75838/1-B	03/28/2012 13:31	75853		50	50
600-52584-1	03/28/2012 13:31	75853		50	50
600-52584-1 DU	03/28/2012 13:31	75853		50	50
600-52584-1 MS	03/28/2012 13:31	75853		50	50
600-52584-1 MSD	03/28/2012 13:31	75853		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 03/27/2012 12:42 End Date: 03/27/2012 18:40

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd																				
RINSE 600-75753/1			12:42																					
RINSE 600-75753/2			12:45																					
ZZZZZZ			12:48																					
ZZZZZZ			12:50																					
CALIBSTD 600-75753/5 IC			12:53	X																				
CALIBSTD 600-75753/6 IC			12:55	X																				
CALIBSTD 600-75753/7 IC			12:58	X																				
CALIBSTD 600-75753/8 IC			13:00	X																				
ICV 600-75753/9	1		13:02	X																				
ZZZZZZ			13:05																					
ICB 600-75753/11	1		13:07	X																				
ICSA 600-75753/12	1		13:10	X																				
ICSAB 600-75753/13	1		13:13	X																				
CCV 600-75753/14			13:15																					
ZZZZZZ			13:17																					
CCB 600-75753/16			13:20																					
ZZZZZZ			13:36																					
ZZZZZZ			13:38																					
ZZZZZZ			13:41																					
ZZZZZZ			13:43																					
ZZZZZZ			13:46																					
ZZZZZZ			13:48																					
ZZZZZZ			13:51																					
ZZZZZZ			13:54																					
ZZZZZZ			13:56																					
ZZZZZZ			13:59																					
CCV 600-75753/27			14:01																					
ZZZZZZ			14:04																					
CCB 600-75753/29			14:06																					
ZZZZZZ			14:29																					
ZZZZZZ			14:32																					
ZZZZZZ			14:35																					
ZZZZZZ			14:37																					
ZZZZZZ			14:40																					
ZZZZZZ			14:42																					
ZZZZZZ			14:45																					
ZZZZZZ			14:48																					
ZZZZZZ			14:50																					
ZZZZZZ			14:53																					
CCV 600-75753/40	1		14:55	X																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Instrument ID: Thermo6500 Method: 6010B

Start Date: 03/27/2012 12:42 End Date: 03/27/2012 18:40

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd																				
ZZZZZZ			14:58																					
CCB 600-75753/42	1		15:00	X																				
ZZZZZZ			15:03																					
ZZZZZZ			15:06																					
ZZZZZZ			15:08																					
ZZZZZZ			15:11																					
ZZZZZZ			15:14																					
ZZZZZZ			15:16																					
ZZZZZZ			15:19																					
ZZZZZZ			15:22																					
600-52584-1	10	T	15:24	X																				
600-52584-1 DU	10	T	15:27	X																				
CCV 600-75753/53	1		15:29	X																				
ZZZZZZ			15:32																					
CCB 600-75753/55	1		15:34	X																				
600-52584-1 MS	10	T	15:37	X																				
600-52584-1 MSD	10	T	15:39	X																				
CCV 600-75753/58	1		15:42	X																				
ZZZZZZ			15:44																					
CCB 600-75753/60	1		15:47	X																				
ICSA 600-75753/61	1		18:33	X																				
ICSAB 600-75753/62	1		18:35	X																				
RINSE 600-75753/63			18:38																					
RINSE 600-75753/64			18:40																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/26/2012 16:28 End Date: 03/26/2012 19:53

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			16:28																					
STD 600-75695/2 IC			16:32	X	X																			
ZZZZZZ			16:46																					
ICV 600-75695/4	1		16:50	X	X																			
ICB 600-75695/5	1		16:54	X	X																			
CRI 600-75695/6	1		16:57		X																			
ICSA 600-75695/7	1		17:01	X	X																			
ICSAB 600-75695/8	1		17:05	X	X																			
CCV 600-75695/9			17:09																					
CCB 600-75695/10			17:13																					
ZZZZZZ			17:17																					
ZZZZZZ			17:20																					
ZZZZZZ			17:24																					
ZZZZZZ			17:28																					
ZZZZZZ			17:32																					
ZZZZZZ			17:36																					
ZZZZZZ			17:40																					
ZZZZZZ			17:44																					
ZZZZZZ			17:47																					
ZZZZZZ			17:51																					
CCV 600-75695/21	1		17:55	X	X																			
CCB 600-75695/22	1		17:59	X	X																			
ZZZZZZ			18:03																					
ZZZZZZ			18:09																					
ZZZZZZ			18:13																					
ZZZZZZ			18:17																					
ZZZZZZ			18:21																					
ZZZZZZ			18:25																					
ZZZZZZ			18:29																					
MB 600-75633/1-A	1	T	18:32	X	X																			
LCS 600-75633/2-A	1	T	18:36	X	X																			
ZZZZZZ			18:40																					
CCV 600-75695/33	1		18:44	X	X																			
CCB 600-75695/34	1		18:48	X	X																			
ZZZZZZ			18:52																					
ZZZZZZ			18:56																					
ZZZZZZ			18:59																					
ZZZZZZ			19:03																					
ZZZZZZ			19:07																					
ZZZZZZ			19:11																					
ZZZZZZ			19:15																					
600-52584-2	1	T	19:19		X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/26/2012 16:28 End Date: 03/26/2012 19:53

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd	Pb																			
ZZZZZZ			19:22																					
600-52584-1 PDS	1	T	19:26	X	X																			
CCV 600-75695/45	1		19:30	X	X																			
CCB 600-75695/46	1		19:34	X	X																			
600-52584-1 SD	5	T	19:38	X	X																			
CCV 600-75695/48	1		19:42	X	X																			
CCB 600-75695/49	1		19:46	X	X																			
ICSA 600-75695/50	1		19:49	X	X																			
ICSAB 600-75695/51	1		19:53	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/29/2012 08:41 End Date: 03/29/2012 18:07

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd																				
ZZZZZZ			08:41																					
STD 600-75938/2 IC			08:45	X																				
ZZZZZZ			08:50																					
ICV 600-75938/4	1		08:54	X																				
ICB 600-75938/5	1		08:58	X																				
CRI 600-75938/6	1		09:02	X																				
ICSA 600-75938/7	1		09:06	X																				
ICSAB 600-75938/8	1		09:09	X																				
CCV 600-75938/9	1		09:13	X																				
CCB 600-75938/10	1		09:17	X																				
ZZZZZZ			09:27																					
ZZZZZZ			09:31																					
ZZZZZZ			09:35																					
ZZZZZZ			09:39																					
ZZZZZZ			09:43																					
MB 600-75853/1-A	1	T	09:47	X																				
LCS 600-75853/2-A	1	T	09:50	X																				
ZZZZZZ			09:54																					
ZZZZZZ			09:58																					
ZZZZZZ			10:02																					
CCV 600-75938/21	1		10:06	X																				
CCB 600-75938/22	1		10:10	X																				
ZZZZZZ			10:14																					
ZZZZZZ			10:17																					
ZZZZZZ			10:21																					
ZZZZZZ			10:25																					
ZZZZZZ			10:29																					
ZZZZZZ			10:33																					
ZZZZZZ			10:37																					
ZZZZZZ			10:40																					
ZZZZZZ			10:44																					
ZZZZZZ			10:48																					
CCV 600-75938/33	1		10:52	X																				
CCB 600-75938/34	1		10:56	X																				
LB 600-75838/1-B	1	W	11:00	X																				
600-52584-1	1	W	11:04	X																				
600-52584-1 DU	1	W	11:07	X																				
600-52584-1 MS	1	W	11:11	X																				
600-52584-1 MSD	1	W	11:15	X																				
ZZZZZZ			11:19																					
ZZZZZZ			11:23																					
ZZZZZZ			11:27																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/29/2012 08:41 End Date: 03/29/2012 18:07

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd																				
CCV 600-75938/43	1		11:31	X																				
CCB 600-75938/44	1		11:34	X																				
ZZZZZZ			12:13																					
ZZZZZZ			12:17																					
ZZZZZZ			12:21																					
ZZZZZZ			12:25																					
ZZZZZZ			12:28																					
ZZZZZZ			12:32																					
ZZZZZZ			12:36																					
ZZZZZZ			12:40																					
ZZZZZZ			12:44																					
ZZZZZZ			12:48																					
CCV 600-75938/55			12:51																					
CCB 600-75938/56			12:55																					
ZZZZZZ			12:59																					
ZZZZZZ			13:03																					
ZZZZZZ			13:07																					
ZZZZZZ			13:11																					
ZZZZZZ			13:15																					
ZZZZZZ			13:18																					
ZZZZZZ			13:22																					
CCV 600-75938/64			13:26																					
CCB 600-75938/65			13:30																					
ZZZZZZ			13:40																					
ZZZZZZ			13:44																					
ZZZZZZ			13:48																					
ZZZZZZ			13:52																					
ZZZZZZ			13:56																					
ZZZZZZ			13:59																					
ZZZZZZ			14:03																					
ZZZZZZ			14:07																					
ZZZZZZ			14:11																					
ZZZZZZ			14:15																					
CCV 600-75938/76			14:19																					
CCB 600-75938/77			14:22																					
ZZZZZZ			14:26																					
ZZZZZZ			14:30																					
ZZZZZZ			14:34																					
ZZZZZZ			14:38																					
ZZZZZZ			14:42																					
ZZZZZZ			14:46																					
ZZZZZZ			14:49																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 03/29/2012 08:41 End Date: 03/29/2012 18:07

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cd																				
ZZZZZZ			14:53																					
ZZZZZZ			14:57																					
ZZZZZZ			15:01																					
CCV 600-75938/88			15:05																					
CCB 600-75938/89			15:09																					
ZZZZZZ			15:13																					
ZZZZZZ			15:16																					
ZZZZZZ			15:20																					
ZZZZZZ			15:24																					
ZZZZZZ			15:28																					
ZZZZZZ			15:32																					
ZZZZZZ			15:36																					
ZZZZZZ			15:39																					
ZZZZZZ			15:43																					
ZZZZZZ			15:47																					
CCV 600-75938/100			15:51																					
CCB 600-75938/101			15:55																					
ZZZZZZ			15:59																					
CCV 600-75938/103			16:03																					
CCB 600-75938/104			16:06																					
ZZZZZZ			16:57																					
ZZZZZZ			17:01																					
ZZZZZZ			17:05																					
ZZZZZZ			17:09																					
ZZZZZZ			17:13																					
ZZZZZZ			17:17																					
ZZZZZZ			17:20																					
ZZZZZZ			17:24																					
ZZZZZZ			17:28																					
CCV 600-75938/114			17:32																					
CCB 600-75938/115			17:36																					
ICSA 600-75938/116	1		18:03	X																				
ICSAB 600-75938/117	1		18:07	X																				

Prep Types

T = Total/NA

W = SPLP West

```
[Sample Header]
Method=ICP6500Metals_TRY3(v769)
SampleName=Rinse
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/27/2012 12:42:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0003,.0001,47.17, -.0004, -.0002
Al3082,308.215 {109},In2306,ppm, .0097,.0366,379.5, .0356, -.0163
As1890,189.042 {478},Y_2243,ppm, -.0006,.0009,155.9, -.0012, .0001
B_2496,249.678 {135},Y_3710,ppm,s .0052,.0048,92.53, .0018,s .0086
Ba4554,455.403 { 74},Y_3710,ppm,s .0007,.0005,67.18, .0004,s .0010
Be3130,313.042 {108},Y_3710,ppm,s .0000,.0001,320.5, .0000,s -.0001
Ca3158,315.887 {107},In2306,ppm, -.0071,.0001,1.715, -.0070, -.0072
Ca3181,318.128 {106},In2306,ppm, .0143,.0251,175.9, -.0035, .0320
Cd2288,228.802 {447},Y_2243,ppm, .0000,.0001,613.7, -.0001, .0000
Co2286,228.616 {447},In2306,ppm, .0000,.0001,397.0, .0001, .0000
Cr2677,267.716 {126},Y_3600,ppm, .0001,.0002,229.4, .0003, -.0001
Cu3247,324.754 {104},Y_3600,ppm, -.0015,.0002,13.40, -.0016, -.0013
Fe2404,240.488 {140},In2306,ppm, -.0023,.0041,173.9, .0005, -.0052
K_7664,766.490 { 44},Y_3710,ppm,s .0552,.0065,11.69, .0506,s .0598
K_7698,769.896 { 44},Y_3710,ppm,s .1635,.1636,100.1, .0478,s .2792
Li6707,670.784 { 50},Y_3710,ppm,s .0018,.0023,128.5, .0002,s .0034
Mg2790,279.079 {121},Y_3710,ppm,s .0109,.0191,175.4, .0244,s -.0026
Mn2576,257.610 {131},Y_3600,ppm,k .0000,.0000,276.4, .0000,k .0000
Mn2576-2,257.610 {131}2,Y_3710,ppm,s -.0002,.0001,46.74, -.0001,s -.0003
Mo2020,202.030 {467},Y_2243,ppm, -.0001,.0000,11.95, -.0001, -.0001
Na5895,589.592 { 57},Y_3710,ppm,s .0043,.0105,243.7, -.0031,s .0117
Na8183,818.326 { 41},Y_3710,ppm,s .0192,.3937,2050., .2976,s -.2592
Ni2316,231.604 {445},In2306,ppm,k .0001,.0002,299.4, .0002,k -.0001
P_1782,178.284 {489},In2306,ppm, -.0007,.0009,117.8, -.0013, -.0001
Pb2203,220.353 {453},In2306,ppm,k .0007,.0001,13.75, .0008,k .0006
S_1820,182.034 {485},Y_2243,ppm, 1.918,.8965,46.74, 1.284, 2.552
Sb2068,206.833 {463},Y_2243,ppm, -.0018,.0013,75.49, -.0008, -.0027
Se1960,196.090 {472},Y_2243,ppm, .0040,.0003,7.070, .0042, .0038
Si2516,251.611 {134},Y_3710,ppm,s .0059,.0195,328.9, -.0079,s .0197
Sn1899,189.989 {477},In2306,ppm, .0007,.0001,15.51, .0008, .0007
Sr4215,421.552 { 80},Y_3710,ppm,s .0000,.0001,674.5, .0001,s -.0001
Ti3349,334.904 {101},Y_3600,ppm, -.0003,.0000,.2388, -.0003, -.0003
Tl1908,190.856 {477},In2306,ppm,k -.0019,.0016,86.65, -.0030,k -.0007
V_2924,292.402 {115},Y_3600,ppm, -.0002,.0003,181.4, -.0004, .0000
Zn2062,206.200 {463},In2306,ppm, .0000,.0001,378.7, .0000, -.0001

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 420.27,7.9859,1.9002,425.92,414.62
In2306,230.606 {446},Cts/S, 15487.,43.083,.27819,15456.,15517.
Y_2243,224.306 {450},Cts/S, 19938.,44.308,.22223,19906.,19969.
Y_3600,360.073 { 94},Cts/S, 165790.,1883.9,1.1363,164460.,167120.
Y_3710,371.030 { 91},Cts/S,^ *****,-----,-----,19539.,^-----

[Sample Header]
Method=ICP6500Metals_TRY3(v769)
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SampleName=Rinse
Username=admin
Comment=
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Custom ID2=
Custom ID3=
Run Time=3/27/2012 12:45:33
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0006,.0012,179.3, -.0015, .0002
Al3082,308.215 {109},In2306,ppm, .0061,.0170,279.5, .0181, -.0059
As1890,189.042 {478},Y_2243,ppm, -.0006,.0006,105.8, -.0001, -.0010
B_2496,249.678 {135},Y_3710,ppm, .0058,.0009,15.09, .0065, .0052
Ba4554,455.403 { 74},Y_3710,ppm, .0000,.0000,132.1, .0000, .0000
Be3130,313.042 {108},Y_3710,ppm, .0000,.0001,3772., -.0001, .0001
Ca3158,315.887 {107},In2306,ppm, -.0049,.0020,41.39, -.0035, -.0063
Ca3181,318.128 {106},In2306,ppm, .0187,.0051,27.25, .0151, .0223
Cd2288,228.802 {447},Y_2243,ppm, .0000,.0001,364.4, .0000, .0001
Co2286,228.616 {447},In2306,ppm, .0000,.0000,292.6, .0000, .0000
Cr2677,267.716 {126},Y_3600,ppm, -.0001,.0003,177.1, .0000, -.0003
Cu3247,324.754 {104},Y_3600,ppm, .0002,.0007,287.9, .0007, -.0002
Fe2404,240.488 {140},In2306,ppm, .0052,.0041,77.62, .0024, .0081
K_7664,766.490 { 44},Y_3710,ppm, .0325,.0559,172.1, -.0070, .0720
K_7698,769.896 { 44},Y_3710,ppm, -.0028,.0108,383.1, -.0104, .0048
Li6707,670.784 { 50},Y_3710,ppm, .0007,.0004,50.97, .0005, .0010
Mg2790,279.079 {121},Y_3710,ppm, .0032,.0196,607.9, .0171, -.0107
Mn2576,257.610 {131},Y_3600,ppm, .0001,.0000,38.86, .0001, .0001
Mn2576-2,257.610 {131}2,Y_3710,ppm, -.0005,.0002,46.21, -.0006, -.0003
Mo2020,202.030 {467},Y_2243,ppm, -.0001,.0000,2.721, -.0001, -.0001
Na5895,589.592 { 57},Y_3710,ppm, -.0077,.0049,63.54, -.0042, -.0111
Na8183,818.326 { 41},Y_3710,ppm, .1738,.0770,44.31, .1194, .2283
Ni2316,231.604 {445},In2306,ppm, .0004,.0001,20.01, .0004, .0003
P_1782,178.284 {489},In2306,ppm, -.0024,.0001,4.192, -.0024, -.0025
Pb2203,220.353 {453},In2306,ppm, .0000,.0004,2726., -.0003, .0003
S_1820,182.034 {485},Y_2243,ppm, -1.465,2.737,186.8, .4705, -3.401
Sb2068,206.833 {463},Y_2243,ppm, -.0012,.0005,44.73, -.0008, -.0016
Se1960,196.090 {472},Y_2243,ppm, .0025,.0016,66.42, .0013, .0036
Si2516,251.611 {134},Y_3710,ppm, -.0086,.0159,184.1, -.0199, .0026
Sn1899,189.989 {477},In2306,ppm, .0004,.0001,16.65, .0004, .0005
Sr4215,421.552 { 80},Y_3710,ppm, .0000,.0001,186.9, .0001, .0000
Ti3349,334.904 {101},Y_3600,ppm, -.0004,.0001,19.46, -.0004, -.0005
Tl1908,190.856 {477},In2306,ppm, -.0016,.0003,16.93, -.0014, -.0018
V_2924,292.402 {115},Y_3600,ppm, .0002,.0001,49.48, .0001, .0003
Zn2062,206.200 {463},In2306,ppm, .0000,.0001,152.5, .0001, .0000

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 419.53,2.6611,.63431,417.65,421.42
In2306,230.606 {446},Cts/S, 15510.,248.17,1.6001,15685.,15334.
Y_2243,224.306 {450},Cts/S, 20006.,328.71,1.6431,20238.,19773.
Y_3600,360.073 { 94},Cts/S, 168990.,408.56,.24177,169280.,168700.
Y_3710,371.030 { 91},Cts/S, 19850.,88.299,.44482,19913.,19788.

[Sample Header]
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SampleName=Blank
Username=admin
Comment=

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Custom ID2=
Custom ID3=
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Mode=IR
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,Cts/S, .0001,.0000,27.36, .0001, .0001
Al3082,308.215 {109},In2306,Cts/S, .0276,.0015,5.272, .0286, .0265
As1890,189.042 {478},Y_2243,Cts/S, .0000,.0000,294.3, .0000, .0000
B_2496,249.678 {135},Y_3710,Cts/S, .0001,.0000,20.67, .0001, .0001
Ba4554,455.403 { 74},Y_3710,Cts/S, .0031,.0001,4.485, .0030, .0032
Be3130,313.042 {108},Y_3710,Cts/S, -.0002,.0001,48.62, -.0001, -.0003
Ca3158,315.887 {107},In2306,Cts/S, -.0140,.0045,32.22, -.0108, -.0172
Ca3181,318.128 {106},In2306,Cts/S, -.0137,.0011,7.696, -.0145, -.0130
Cd2288,228.802 {447},Y_2243,Cts/S, .0003,.0000,8.065, .0003, .0003
Co2286,228.616 {447},In2306,Cts/S, -.0002,.0001,48.43, -.0003, -.0002
Cr2677,267.716 {126},Y_3600,Cts/S, .0000,.0000,22.11, .0000, .0000
Cu3247,324.754 {104},Y_3600,Cts/S, .0056,.0001,1.950, .0057, .0055
Fe2404,240.488 {140},In2306,Cts/S, .0036,.0031,85.61, .0058, .0014
K_7664,766.490 { 44},Y_3710,Cts/S, .0011,.0000,.7560, .0011, .0011
K_7698,769.896 { 44},Y_3710,Cts/S, .0064,.0015,24.13, .0053, .0075
Li6707,670.784 { 50},Y_3710,Cts/S, .0015,.0005,33.87, .0018, .0011
Mg2790,279.079 {121},Y_3710,Cts/S, .0000,.0001,270.8, -.0001, .0000
Mn2576,257.610 {131},Y_3600,Cts/S, .0001,.0000,79.01, .0001, .0000
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .0000,.0001,492.4, .0000, .0000
Mo2020,202.030 {467},Y_2243,Cts/S, .0001,.0000,29.15, .0001, .0001
Na5895,589.592 { 57},Y_3710,Cts/S, .0007,.0007,107.5, .0012, .0002
Na8183,818.326 { 41},Y_3710,Cts/S, -.0013,.0003,20.18, -.0011, -.0015
Ni2316,231.604 {445},In2306,Cts/S, -.0002,.0000,22.79, -.0001, -.0002
P_1782,178.284 {489},In2306,Cts/S, .0001,.0000,24.08, .0002, .0001
Pb2203,220.353 {453},In2306,Cts/S, -.0001,.0000,16.00, -.0001, -.0001
S_1820,182.034 {485},Y_2243,Cts/S, -.0008,.0000,1.481, -.0008, -.0008
Sb2068,206.833 {463},Y_2243,Cts/S, .0000,.0000,70.17, .0000, -.0001
Se1960,196.090 {472},Y_2243,Cts/S, .0000,.0000,39.10, .0000, .0000
Si2516,251.611 {134},Y_3710,Cts/S, .0003,.0001,27.11, .0004, .0002
Sn1899,189.989 {477},In2306,Cts/S, .0000,.0000,28.71, .0000, .0000
Sr4215,421.552 { 80},Y_3710,Cts/S, -.0005,.0001,10.77, -.0006, -.0005
Ti3349,334.904 {101},Y_3600,Cts/S, .0000,.0000,185.2, .0000, .0000
Tl1908,190.856 {477},In2306,Cts/S, -.0001,.0000,3.045, -.0001, -.0001
V_2924,292.402 {115},Y_3600,Cts/S, .0000,.0000,128.1, .0000, -.0001
Zn2062,206.200 {463},In2306,Cts/S, .0004,.0000,7.479, .0004, .0004

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 415.17,4.4238,1.0656,412.04,418.29
In2306,230.606 {446},Cts/S, 15302.,332.77,2.1747,15067.,15538.
Y_2243,224.306 {450},Cts/S, 19795.,413.36,2.0882,19503.,20087.
Y_3600,360.073 { 94},Cts/S, 166970.,1800.0,1.0780,168240.,165700.
Y_3710,371.030 { 91},Cts/S, 19675.,41.831,.21260,19646.,19705.

[Sample Header]
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SampleName=CalibStd-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
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Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,Cts/S, .0074,.0000,.1842, .0074, .0074
Al3082,308.215 {109},In2306,Cts/S, .3468,.0050,1.438, .3433, .3503
As1890,189.042 {478},Y_2243,Cts/S, .0052,.0000,.8148, .0052, .0053
B_2496,249.678 {135},Y_3710,Cts/S, .0028,.0001,4.578, .0029, .0027
Ba4554,455.403 { 74},Y_3710,Cts/S, .2409,.0012,.4952, .2418, .2401
Be3130,313.042 {108},Y_3710,Cts/S, .1145,.0007,.5968, .1150, .1140
Ca3158,315.887 {107},In2306,Cts/S, 1.199,.0028,.2337, 1.201, 1.197
Ca3181,318.128 {106},In2306,Cts/S, .2701,.0008,.2946, .2695, .2707
Cd2288,228.802 {447},Y_2243,Cts/S, .0525,.0004,.8145, .0522, .0528
Co2286,228.616 {447},In2306,Cts/S, .0874,.0002,.2168, .0873, .0875
Cr2677,267.716 {126},Y_3600,Cts/S, .0117,.0002,1.320, .0118, .0116
Cu3247,324.754 {104},Y_3600,Cts/S, .0290,.0000,.1605, .0290, .0291
Fe2404,240.488 {140},In2306,Cts/S, 1.198,.0102,.8545, 1.205, 1.191
K_7664,766.490 { 44},Y_3710,Cts/S, .0349,.0003,.9140, .0347, .0351
K_7698,769.896 { 44},Y_3710,Cts/S, .0210,.0004,1.908, .0207, .0213
Li6707,670.784 { 50},Y_3710,Cts/S, .0768,.0002,.2935, .0766, .0769
Mg2790,279.079 {121},Y_3710,Cts/S, .0064,.0002,3.064, .0065, .0062
Mn2576,257.610 {131},Y_3600,Cts/S, .0756,.0002,.2428, .0757, .0755
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .0285,.0001,.3087, .0285, .0286
Mo2020,202.030 {467},Y_2243,Cts/S, .0289,.0000,.0081, .0289, .0289
Na5895,589.592 { 57},Y_3710,Cts/S, .0943,.0001,.1512, .0942, .0944
Na8183,818.326 { 41},Y_3710,Cts/S, .0037,.0004,12.23, .0040, .0033
Ni2316,231.604 {445},In2306,Cts/S, .0482,.0000,.0849, .0482, .0482
P_1782,178.284 {489},In2306,Cts/S, .0049,.0001,1.019, .0049, .0050
Pb2203,220.353 {453},In2306,Cts/S, .0152,.0000,.1596, .0152, .0152
S_1820,182.034 {485},Y_2243,Cts/S, -.0006,.0000,6.705, -.0006, -.0007
Sb2068,206.833 {463},Y_2243,Cts/S, .0046,.0001,1.994, .0046, .0045
Se1960,196.090 {472},Y_2243,Cts/S, .0034,.0000,1.164, .0033, .0034
Si2516,251.611 {134},Y_3710,Cts/S, .0021,.0001,5.587, .0020, .0022
Sn1899,189.989 {477},In2306,Cts/S, .0182,.0000,.0690, .0182, .0182
Sr4215,421.552 { 80},Y_3710,Cts/S, .1599,.0009,.5430, .1605, .1593
Ti3349,334.904 {101},Y_3600,Cts/S, .0191,.0000,.0536, .0191, .0191
Tl1908,190.856 {477},In2306,Cts/S, .0057,.0000,.1255, .0057, .0057
V_2924,292.402 {115},Y_3600,Cts/S, .0174,.0002,.8880, .0175, .0173
Zn2062,206.200 {463},In2306,Cts/S, .1060,.0002,.1710, .1059, .1061

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 418.42,.31976,.07642,418.19,418.64
In2306,230.606 {446},Cts/S, 15113.,42.799,.28319,15144.,15083.
Y_2243,224.306 {450},Cts/S, 19920.,58.935,.29585,19962.,19879.
Y_3600,360.073 { 94},Cts/S, 168960.,649.58,.38447,168500.,169410.
Y_3710,371.030 { 91},Cts/S, 20159.,63.727,.31612,20114.,20204.

[Sample Header]
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Mode=IR

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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,Cts/S, .0147,.0002,1.508, .0148, .0145
Al3082,308.215 {109},In2306,Cts/S, .6862,.0028,.4094, .6842, .6882
As1890,189.042 {478},Y_2243,Cts/S, .0102,.0000,.2871, .0102, .0102
B_2496,249.678 {135},Y_3710,Cts/S, .0058,.0001,.9283, .0058, .0057
Ba4554,455.403 { 74},Y_3710,Cts/S, .4849,.0018,.3692, .4836, .4862
Be3130,313.042 {108},Y_3710,Cts/S, .2361,.0002,.0816, .2363, .2360
Ca3158,315.887 {107},In2306,Cts/S, 2.421,.0180,.7416, 2.409, 2.434
Ca3181,318.128 {106},In2306,Cts/S, .5349,.0001,.0144, .5349, .5350
Cd2288,228.802 {447},Y_2243,Cts/S, .1036,.0009,.8856, .1043, .1030
Co2286,228.616 {447},In2306,Cts/S, .1739,.0009,.4965, .1745, .1733
Cr2677,267.716 {126},Y_3600,Cts/S, .0233,.0003,1.077, .0235, .0231
Cu3247,324.754 {104},Y_3600,Cts/S, .0518,.0002,.3296, .0519, .0517
Fe2404,240.488 {140},In2306,Cts/S, 2.399,.0018,.0764, 2.398, 2.400
K_7664,766.490 { 44},Y_3710,Cts/S, .0712,.0007,1.003, .0707, .0717
K_7698,769.896 { 44},Y_3710,Cts/S, .0368,.0006,1.662, .0372, .0363
Li6707,670.784 { 50},Y_3710,Cts/S, .1545,.0003,.2021, .1543, .1547
Mg2790,279.079 {121},Y_3710,Cts/S, .0129,.0001,.9856, .0129, .0128
Mn2576,257.610 {131},Y_3600,Cts/S, .1482,.0018,1.196, .1494, .1469
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .0578,.0000,.0716, .0578, .0579
Mo2020,202.030 {467},Y_2243,Cts/S, .0573,.0005,.8740, .0577, .0570
Na5895,589.592 { 57},Y_3710,Cts/S, .1933,.0001,.0772, .1932, .1934
Na8183,818.326 { 41},Y_3710,Cts/S, .0087,.0007,8.470, .0093, .0082
Ni2316,231.604 {445},In2306,Cts/S, .0949,.0007,.7663, .0954, .0944
P_1782,178.284 {489},In2306,Cts/S, .0096,.0000,.2645, .0096, .0096
Pb2203,220.353 {453},In2306,Cts/S, .0299,.0000,.0988, .0299, .0299
S_1820,182.034 {485},Y_2243,Cts/S, -.0008,.0000,3.530, -.0008, -.0008
Sb2068,206.833 {463},Y_2243,Cts/S, .0090,.0001,.7432, .0091, .0090
Se1960,196.090 {472},Y_2243,Cts/S, .0065,.0000,.5198, .0066, .0065
Si2516,251.611 {134},Y_3710,Cts/S, .0038,.0000,.8548, .0038, .0039
Sn1899,189.989 {477},In2306,Cts/S, .0366,.0002,.6040, .0368, .0365
Sr4215,421.552 { 80},Y_3710,Cts/S, .3246,.0003,.0845, .3244, .3248
Ti3349,334.904 {101},Y_3600,Cts/S, .0388,.0008,2.025, .0394, .0383
Tl1908,190.856 {477},In2306,Cts/S, .0117,.0001,1.199, .0118, .0116
V_2924,292.402 {115},Y_3600,Cts/S, .0350,.0003,.7768, .0352, .0348
Zn2062,206.200 {463},In2306,Cts/S, .2085,.0016,.7533, .2096, .2074

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 414.75,1.4267,.34398,413.75,415.76
In2306,230.606 {446},Cts/S, 15088.,59.410,.39376,15046.,15130.
Y_2243,224.306 {450},Cts/S, 20090.,101.20,.50370,20019.,20162.
Y_3600,360.073 { 94},Cts/S, 168830.,2211.2,1.3097,167270.,170390.
Y_3710,371.030 { 91},Cts/S, 19770.,28.276,.14303,19750.,19790.

[Sample Header]
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Custom ID1=
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Custom ID3=
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Mode=IR
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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,Cts/S, .0298,.0003,.9865, .0296, .0300
Al3082,308.215 {109},In2306,Cts/S, 1.342,.0083,.6168, 1.348, 1.336
As1890,189.042 {478},Y_2243,Cts/S, .0204,.0002,1.074, .0206, .0203
B_2496,249.678 {135},Y_3710,Cts/S, .0114,.0001,.5224, .0114, .0113
Ba4554,455.403 { 74},Y_3710,Cts/S, .9631,.0061,.6300, .9674, .9588
Be3130,313.042 {108},Y_3710,Cts/S, .4726,.0022,.4651, .4742, .4711
Ca3158,315.887 {107},In2306,Cts/S, 4.882,.0160,.3276, 4.893, 4.871
Ca3181,318.128 {106},In2306,Cts/S, 1.084,.0081,.7473, 1.090, 1.078
Cd2288,228.802 {447},Y_2243,Cts/S, .2060,.0002,.0898, .2061, .2058
Co2286,228.616 {447},In2306,Cts/S, .3502,.0004,.1190, .3499, .3505
Cr2677,267.716 {126},Y_3600,Cts/S, .0476,.0002,.5056, .0475, .0478
Cu3247,324.754 {104},Y_3600,Cts/S, .1006,.0010,.9864, .0999, .1013
Fe2404,240.488 {140},In2306,Cts/S, 4.781,.0374,.7819, 4.808, 4.755
K_7664,766.490 { 44},Y_3710,Cts/S, .1412,.0005,.3368, .1415, .1409
K_7698,769.896 { 44},Y_3710,Cts/S, .0673,.0004,.6635, .0677, .0670
Li6707,670.784 { 50},Y_3710,Cts/S, .3059,.0020,.6440, .3073, .3045
Mg2790,279.079 {121},Y_3710,Cts/S, .0258,.0003,1.036, .0260, .0257
Mn2576,257.610 {131},Y_3600,Cts/S, .3019,.0006,.2080, .3014, .3023
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .1155,.0001,.0502, .1154, .1155
Mo2020,202.030 {467},Y_2243,Cts/S, .1137,.0005,.4642, .1134, .1141
Na5895,589.592 { 57},Y_3710,Cts/S, .3840,.0015,.4001, .3851, .3830
Na8183,818.326 { 41},Y_3710,Cts/S, .0180,.0011,5.847, .0187, .0172
Ni2316,231.604 {445},In2306,Cts/S, .1913,.0004,.2058, .1915, .1910
P_1782,178.284 {489},In2306,Cts/S, .0195,.0000,.2078, .0195, .0195
Pb2203,220.353 {453},In2306,Cts/S, .0603,.0003,.4294, .0605, .0601
S_1820,182.034 {485},Y_2243,Cts/S, -.0008,.0000,.7145, -.0008, -.0008
Sb2068,206.833 {463},Y_2243,Cts/S, .0182,.0002,.8550, .0183, .0181
Se1960,196.090 {472},Y_2243,Cts/S, .0130,.0000,.0171, .0130, .0130
Si2516,251.611 {134},Y_3710,Cts/S, .0073,.0001,.7647, .0072, .0073
Sn1899,189.989 {477},In2306,Cts/S, .0737,.0001,.0734, .0736, .0737
Sr4215,421.552 { 80},Y_3710,Cts/S, .6482,.0025,.3878, .6500, .6464
Ti3349,334.904 {101},Y_3600,Cts/S, .0800,.0004,.4801, .0797, .0803
Tl1908,190.856 {477},In2306,Cts/S, .0238,.0001,.4089, .0238, .0237
V_2924,292.402 {115},Y_3600,Cts/S, .0719,.0003,.4530, .0717, .0721
Zn2062,206.200 {463},In2306,Cts/S, .4210,.0003,.0730, .4208, .4212

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 415.50,.21071,.05071,415.35,415.64
In2306,230.606 {446},Cts/S, 14846.,38.896,.26200,14874.,14819.
Y_2243,224.306 {450},Cts/S, 20137.,5.6391,.02800,20133.,20141.
Y_3600,360.073 { 94},Cts/S, 165250.,183.66,.11114,165380.,165120.
Y_3710,371.030 { 91},Cts/S, 19757.,13.614,.06890,19767.,19748.

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[Results]
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Ag3280,328.068 {103},Y_3600,Cts/S, .0589,.0004,.5994, .0591, .0586
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Al3082,308.215 {109},In2306,Cts/S, 2.653,.0991,3.734, 2.723, 2.583
As1890,189.042 {478},Y_2243,Cts/S, .0411,.0004,1.019, .0414, .0408
B_2496,249.678 {135},Y_3710,Cts/S, .0224,.0010,4.354, .0230, .0217
Ba4554,455.403 { 74},Y_3710,Cts/S, 1.898,.0694,3.658, 1.947, 1.849
Be3130,313.042 {108},Y_3710,Cts/S, .9292,.0343,3.688, .9535, .9050
Ca3158,315.887 {107},In2306,Cts/S, 9.661,.3667,3.796, 9.920, 9.402
Ca3181,318.128 {106},In2306,Cts/S, 2.173,.0717,3.299, 2.224, 2.123
Cd2288,228.802 {447},Y_2243,Cts/S, .4126,.0007,.1577, .4130, .4121
Co2286,228.616 {447},In2306,Cts/S, .7117,.0047,.6615, .7150, .7084
Cr2677,267.716 {126},Y_3600,Cts/S, .0949,.0006,.6033, .0953, .0945
Cu3247,324.754 {104},Y_3600,Cts/S, .1947,.0007,.3453, .1952, .1943
Fe2404,240.488 {140},In2306,Cts/S, 9.543,.3538,3.708, 9.793, 9.293
K_7664,766.490 { 44},Y_3710,Cts/S, .2780,.0104,3.740, .2854, .2707
K_7698,769.896 { 44},Y_3710,Cts/S, .1253,.0037,2.949, .1279, .1227
Li6707,670.784 { 50},Y_3710,Cts/S, .5955,.0204,3.426, .6099, .5810
Mg2790,279.079 {121},Y_3710,Cts/S, .0509,.0019,3.663, .0522, .0495
Mn2576,257.610 {131},Y_3600,Cts/S, .6008,.0022,.3659, .6023, .5992
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .2255,.0088,3.902, .2317, .2192
Mo2020,202.030 {467},Y_2243,Cts/S, .2244,.0009,.4152, .2251, .2237
Na5895,589.592 { 57},Y_3710,Cts/S, .7499,.0277,3.693, .7695, .7304
Na8183,818.326 { 41},Y_3710,Cts/S, .0377,.0016,4.165, .0388, .0366
Ni2316,231.604 {445},In2306,Cts/S, .3858,.0025,.6411, .3875, .3840
P_1782,178.284 {489},In2306,Cts/S, .0402,.0003,.7951, .0404, .0399
Pb2203,220.353 {453},In2306,Cts/S, .1217,.0003,.2270, .1219, .1216
S_1820,182.034 {485},Y_2243,Cts/S, -.0009,.0000,.9268, -.0009, -.0009
Sb2068,206.833 {463},Y_2243,Cts/S, .0365,.0002,.5396, .0366, .0363
Se1960,196.090 {472},Y_2243,Cts/S, .0260,.0001,.3718, .0261, .0259
Si2516,251.611 {134},Y_3710,Cts/S, .0142,.0003,1.948, .0144, .0140
Sn1899,189.989 {477},In2306,Cts/S, .1495,.0019,1.252, .1508, .1482
Sr4215,421.552 { 80},Y_3710,Cts/S, 1.267,.0449,3.543, 1.299, 1.235
Ti3349,334.904 {101},Y_3600,Cts/S, .1606,.0006,.3831, .1611, .1602
Tl1908,190.856 {477},In2306,Cts/S, .0482,.0004,.8518, .0485, .0480
V_2924,292.402 {115},Y_3600,Cts/S, .1450,.0005,.3543, .1454, .1447
Zn2062,206.200 {463},In2306,Cts/S, .8594,.0057,.6610, .8635, .8554

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 409.04,15.102,3.6919,398.37,419.72
In2306,230.606 {446},Cts/S, 14426.,54.583,.37838,14387.,14464.
Y_2243,224.306 {450},Cts/S, 19999.,55.046,.27524,19960.,20038.
Y_3600,360.073 { 94},Cts/S, 163260.,906.19,.55506,162620.,163900.
Y_3710,371.030 { 91},Cts/S, 19784.,769.75,3.8907,19240.,20329.

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[Results]
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Al3082,308.215 {109},In2306,Cts/S, 5.392,.0549,1.018, 5.353, 5.431
As1890,189.042 {478},Y_2243,Cts/S, .0805,.0011,1.313, .0813, .0798
B_2496,249.678 {135},Y_3710,Cts/S, .0453,.0001,.1282, .0453, .0452
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Ba4554,455.403 { 74},Y_3710,Cts/S, 3.832,.0064,.1672, 3.836, 3.827
Be3130,313.042 {108},Y_3710,Cts/S, 1.879,.0060,.3174, 1.883, 1.875
Ca3158,315.887 {107},In2306,Cts/S, 19.71,.0184,.0936, 19.72, 19.69
Ca3181,318.128 {106},In2306,Cts/S, 4.370,.0226,.5179, 4.354, 4.386
Cd2288,228.802 {447},Y_2243,Cts/S, .8152,.0092,1.123, .8217, .8087
Co2286,228.616 {447},In2306,Cts/S, 1.422,.0124,.8710, 1.430, 1.413
Cr2677,267.716 {126},Y_3600,Cts/S, .1881,.0027,1.432, .1900, .1862
Cu3247,324.754 {104},Y_3600,Cts/S, .3842,.0037,.9693, .3869, .3816
Fe2404,240.488 {140},In2306,Cts/S, 19.02,.0065,.0341, 19.01, 19.02
K_7664,766.490 { 44},Y_3710,Cts/S, .5614,.0002,.0385, .5615, .5612
K_7698,769.896 { 44},Y_3710,Cts/S, .2493,.0002,.0818, .2494, .2491
Li6707,670.784 { 50},Y_3710,Cts/S, 1.195,.0039,.3299, 1.197, 1.192
Mg2790,279.079 {121},Y_3710,Cts/S, .1023,.0003,.2810, .1025, .1021
Mn2576,257.610 {131},Y_3600,Cts/S, 1.186,.0204,1.720, 1.201, 1.172
Mn2576-2,257.610 {131}2,Y_3710,Cts/S, .4502,.0005,.1084, .4505, .4498
Mo2020,202.030 {467},Y_2243,Cts/S, .4396,.0061,1.381, .4439, .4353
Na5895,589.592 { 57},Y_3710,Cts/S, 1.519,.0013,.0831, 1.520, 1.518
Na8183,818.326 { 41},Y_3710,Cts/S, .0756,.0004,.4776, .0754, .0759
Ni2316,231.604 {445},In2306,Cts/S, .7648,.0093,1.210, .7713, .7582
P_1782,178.284 {489},In2306,Cts/S, .0818,.0008,.9657, .0823, .0812
Pb2203,220.353 {453},In2306,Cts/S, .2419,.0025,1.033, .2437, .2402
Sb2068,206.833 {463},Y_2243,Cts/S, .0721,.0010,1.373, .0728, .0714
Se1960,196.090 {472},Y_2243,Cts/S, .0513,.0007,1.425, .0518, .0508
Si2516,251.611 {134},Y_3710,Cts/S, .0294,.0006,1.901, .0290, .0298
Sn1899,189.989 {477},In2306,Cts/S, .3001,.0019,.6357, .3014, .2987
Sr4215,421.552 { 80},Y_3710,Cts/S, 2.551,.0053,.2076, 2.555, 2.548
Ti3349,334.904 {101},Y_3600,Cts/S, .3226,.0045,1.396, .3258, .3194
Tl1908,190.856 {477},In2306,Cts/S, .0961,.0007,.6920, .0965, .0956
V_2924,292.402 {115},Y_3600,Cts/S, .2915,.0037,1.279, .2941, .2888
Zn2062,206.200 {463},In2306,Cts/S, 1.726,.0151,.8770, 1.737, 1.716

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 401.77,.32792,.08162,402.00,401.54
In2306,230.606 {446},Cts/S, 14022.,108.33,.77256,13945.,14099.
Y_2243,224.306 {450},Cts/S, 19988.,203.56,1.0184,19844.,20132.
Y_3600,360.073 { 94},Cts/S, 159930.,2098.2,1.3119,158450.,161420.
Y_3710,371.030 { 91},Cts/S, 19413.,30.451,.15686,19391.,19434.

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[Results]
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Al3082,308.215 {109},In2306,ppm, 2.411,.0034,.1427, 2.408, 2.413
As1890,189.042 {478},Y_2243,ppm, .4928,.0020,.4155, .4942, .4914
B_2496,249.678 {135},Y_3710,ppm, .4916,.0023,.4601, .4900, .4932
Ba4554,455.403 { 74},Y_3710,ppm, .4815,.0007,.1413, .4820, .4811
Be3130,313.042 {108},Y_3710,ppm, .4915,.0012,.2365, .4923, .4907
Ca3158,315.887 {107},In2306,ppm, 12.09,.0268,.2214, 12.11, 12.07
Ca3181,318.128 {106},In2306,ppm, 12.17,.0414,.3405, 12.14, 12.20
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Cd2288,228.802 {447},Y_2243,ppm, .4870,.0010,.2052, .4877, .4863
Co2286,228.616 {447},In2306,ppm, .4885,.0002,.0493, .4887, .4884
Cr2677,267.716 {126},Y_3600,ppm, .4894,.0091,1.859, .4959, .4830
Cu3247,324.754 {104},Y_3600,ppm, .4882,.0048,.9899, .4916, .4848
Fe2404,240.488 {140},In2306,ppm, 2.436,.0049,.2028, 2.433, 2.440
K_7664,766.490 { 44},Y_3710,ppm, 12.22,.0572,.4685, 12.26, 12.18
K_7698,769.896 { 44},Y_3710,ppm, 12.22,.0111,.0910, 12.23, 12.21
Li6707,670.784 { 50},Y_3710,ppm, .4885,.0027,.5576, .4905, .4866
Mg2790,279.079 {121},Y_3710,ppm, 4.860,.0046,.0945, 4.863, 4.857
Mn2576,257.610 {131},Y_3600,ppm, .4874,.0063,1.284, .4918, .4830
Mn2576-2,257.610 {131}2,Y_3710,ppm, .4759,.0030,.6236, .4780, .4738
Mo2020,202.030 {467},Y_2243,ppm, .5003,.0013,.2679, .5012, .4993
Na5895,589.592 { 57},Y_3710,ppm, 12.16,.0766,.6302, 12.21, 12.10
Na8183,818.326 { 41},Y_3710,ppm, 12.10,.3202,2.646, 12.33, 11.88
Ni2316,231.604 {445},In2306,ppm, .4840,.0003,.0673, .4838, .4843
P_1782,178.284 {489},In2306,ppm, -.0003,.0015,474.1, .0007, -.0013
Pb2203,220.353 {453},In2306,ppm, .4854,.0013,.2580, .4863, .4845
S_1820,182.034 {485},Y_2243,ppm, 121.1,.3812,.3148, 121.4, 120.8
Sb2068,206.833 {463},Y_2243,ppm, .4948,.0037,.7390, .4974, .4922
Se1960,196.090 {472},Y_2243,ppm, .4971,.0008,.1707, .4965, .4977
Si2516,251.611 {134},Y_3710,ppm, .9048,.0021,.2292, .9033, .9062
Sn1899,189.989 {477},In2306,ppm, .4994,.0001,.0123, .4994, .4995
Sr4215,421.552 { 80},Y_3710,ppm, .2449,.0015,.6169, .2460, .2438
Ti3349,334.904 {101},Y_3600,ppm, .5062,.0098,1.937, .5131, .4992
Tl1908,190.856 {477},In2306,ppm, .4964,.0013,.2595, .4973, .4955
V_2924,292.402 {115},Y_3600,ppm, .4961,.0080,1.604, .5017, .4905
Zn2062,206.200 {463},In2306,ppm, .4822,.0006,.1252, .4818, .4826

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 410.85,.60377,.14696,411.28,410.42
In2306,230.606 {446},Cts/S, 14568.,15.938,.10940,14580.,14557.
Y_2243,224.306 {450},Cts/S, 19968.,8.9190,.04467,19961.,19974.
Y_3600,360.073 { 94},Cts/S, 160640.,2249.4,1.4003,159050.,162230.
Y_3710,371.030 { 91},Cts/S, 19710.,42.210,.21416,19680.,19739.

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[Results]
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Al3082,308.215 {109},In2306,ppm, .1036,.0141,13.60, .1136, .0937
As1890,189.042 {478},Y_2243,ppm, .0095,.0010,10.06, .0101, .0088
B_2496,249.678 {135},Y_3710,ppm, .0082,.0056,68.20, .0043, .0122
Ba4554,455.403 { 74},Y_3710,ppm, .0096,.0004,4.608, .0100, .0093
Be3130,313.042 {108},Y_3710,ppm, .0048,.0001,2.485, .0049, .0047
Ca3158,315.887 {107},In2306,ppm, .0948,.0049,5.151, .0982, .0913
Ca3181,318.128 {106},In2306,ppm, .1404,.0067,4.771, .1357, .1452
Cd2288,228.802 {447},Y_2243,ppm, .0050,.0001,1.715, .0049, .0051
Co2286,228.616 {447},In2306,ppm, .0096,.0001,.5516, .0096, .0096
Cr2677,267.716 {126},Y_3600,ppm, .0101,.0000,.2199, .0101, .0102
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Cu3247,324.754 {104},Y_3600,ppm, .0093,.0001,1.116, .0092, .0094
Fe2404,240.488 {140},In2306,ppm, .0975,.0047,4.786, .1008, .0942
K_7664,766.490 { 44},Y_3710,ppm, .5918,.0385,6.503, .6190, .5646
K_7698,769.896 { 44},Y_3710,ppm, .5590,.0179,3.205, .5717, .5464
Li6707,670.784 { 50},Y_3710,ppm, .0115,.0007,5.666, .0110, .0120
Mg2790,279.079 {121},Y_3710,ppm, .0806,.0208,25.77, .0952, .0659
Mn2576,257.610 {131},Y_3600,ppm, .0103,.0003,2.500, .0101, .0105
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0103,.0000,.4044, .0103, .0103
Mo2020,202.030 {467},Y_2243,ppm, .0112,.0002,1.694, .0110, .0113
Na5895,589.592 { 57},Y_3710,ppm, .5951,.0207,3.482, .6098, .5805
Na8183,818.326 { 41},Y_3710,ppm, .5695,.0117,2.062, .5778, .5612
Ni2316,231.604 {445},In2306,ppm, .0100,.0002,1.648, .0099, .0102
P_1782,178.284 {489},In2306,ppm, .0081,.0002,2.278, .0083, .0080
Pb2203,220.353 {453},In2306,ppm, .0102,.0001,1.355, .0103, .0101
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Sb2068,206.833 {463},Y_2243,ppm, .0139,.0012,8.446, .0147, .0131
Se1960,196.090 {472},Y_2243,ppm, .0073,.0001,.8413, .0072, .0073
Si2516,251.611 {134},Y_3710,ppm, .0033,.0005,14.88, .0036, .0029
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Sr4215,421.552 { 80},Y_3710,ppm, .0049,.0001,1.589, .0050, .0049
Ti3349,334.904 {101},Y_3600,ppm, .0099,.0004,3.890, .0096, .0102
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V_2924,292.402 {115},Y_3600,ppm, .0097,.0004,4.529, .0100, .0094
Zn2062,206.200 {463},In2306,ppm, .0093,.0001,.7843, .0094, .0093

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 422.88,15.596,3.6879,411.85,433.91
In2306,230.606 {446},Cts/S, 15519.,158.82,1.0234,15407.,15631.
Y_2243,224.306 {450},Cts/S, 20441.,247.90,1.2128,20266.,20616.
Y_3600,360.073 { 94},Cts/S, 162310.,3886.8,2.3947,165060.,159560.
Y_3710,371.030 { 91},Cts/S, 20123.,739.87,3.6768,19600.,20646.

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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0009,.0010,119.7, -.0016, -.0001
Al3082,308.215 {109},In2306,ppm, .0110,.0034,31.06, .0134, .0086
As1890,189.042 {478},Y_2243,ppm, -.0004,.0013,319.7, .0005, -.0013
B_2496,249.678 {135},Y_3710,ppm, -.0018,.0012,63.68, -.0026, -.0010
Ba4554,455.403 { 74},Y_3710,ppm, -.0002,.0000,9.755, -.0002, -.0002
Be3130,313.042 {108},Y_3710,ppm, .0002,.0001,39.79, .0001, .0002
Ca3158,315.887 {107},In2306,ppm, -.0087,.0017,20.02, -.0074, -.0099
Ca3181,318.128 {106},In2306,ppm, .0150,.0059,39.01, .0192, .0109
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0001,157.3, .0000, .0002
Co2286,228.616 {447},In2306,ppm, .0001,.0001,97.21, .0000, .0001
Cr2677,267.716 {126},Y_3600,ppm, -.0005,.0004,73.88, -.0002, -.0008
Cu3247,324.754 {104},Y_3600,ppm, -.0021,.0009,40.31, -.0027, -.0015
Fe2404,240.488 {140},In2306,ppm, .0001,.0046,4615., .0033, -.0031
K_7664,766.490 { 44},Y_3710,ppm, .0375,.0474,126.7, .0710, .0039
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K_7698,769.896 { 44},Y_3710,ppm, -.0450,.0307,68.16, -.0233, -.0666
Li6707,670.784 { 50},Y_3710,ppm, .0014,.0007,49.40, .0009, .0019
Mg2790,279.079 {121},Y_3710,ppm, -.0163,.0220,135.5, -.0319, -.0007
Mn2576,257.610 {131},Y_3600,ppm, .0000,.0000,1102., .0000, .0000
Mn2576-2,257.610 {131}2,Y_3710,ppm, -.0002,.0002,126.3, .0000, -.0003
Mo2020,202.030 {467},Y_2243,ppm, .0001,.0004,243.7, .0004, -.0001
Na5895,589.592 { 57},Y_3710,ppm, .0013,.0088,675.1, .0075, -.0049
Na8183,818.326 { 41},Y_3710,ppm, .1687,.1464,86.82, .2722, .0651
Ni2316,231.604 {445},In2306,ppm, .0002,.0002,97.45, .0004, .0001
P_1782,178.284 {489},In2306,ppm, -.0025,.0005,21.90, -.0029, -.0021
Pb2203,220.353 {453},In2306,ppm, .0000,.0001,124.8, -.0001, .0000
S_1820,182.034 {485},Y_2243,ppm, .1666,.4145,248.8, -.1265, .4597
Sb2068,206.833 {463},Y_2243,ppm, .0008,.0000,1.733, .0008, .0008
Se1960,196.090 {472},Y_2243,ppm, -.0004,.0001,40.21, -.0005, -.0003
Si2516,251.611 {134},Y_3710,ppm, -.0006,.0015,266.8, -.0016, .0005
Sn1899,189.989 {477},In2306,ppm, .0001,.0006,396.2, -.0003, .0006
Sr4215,421.552 { 80},Y_3710,ppm, .0000,.0001,249.3, .0001, .0000
Ti3349,334.904 {101},Y_3600,ppm, -.0002,.0000,8.727, -.0002, -.0002
Tl1908,190.856 {477},In2306,ppm, -.0009,.0004,40.45, -.0006, -.0012
V_2924,292.402 {115},Y_3600,ppm, -.0001,.0001,103.4, -.0002, .0000
Zn2062,206.200 {463},In2306,ppm, -.0002,.0000,5.722, -.0002, -.0002

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 426.36,6.9116,1.6211,421.48,431.25
In2306,230.606 {446},Cts/S, 15247.,186.62,1.2240,15115.,15379.
Y_2243,224.306 {450},Cts/S, 19984.,198.68,.99418,19843.,20124.
Y_3600,360.073 { 94},Cts/S, 166610.,4722.2,2.8343,163270.,169950.
Y_3710,371.030 { 91},Cts/S, 19988.,215.35,1.0774,19836.,20140.

[Sample Header]
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Custom ID3=
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[Results]
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Ag3280,328.068 {103},Y_3600,ppm, .0001,.0003,319.0, .0003, -.0001
Al3082,308.215 {109},In2306,ppm, 510.0,11.60,2.275, 501.8, 518.2
As1890,189.042 {478},Y_2243,ppm, -.0006,.0017,295.8, -.0018, .0006
B_2496,249.678 {135},Y_3710,ppm, -.0025,.0018,71.59, -.0037, -.0012
Ba4554,455.403 { 74},Y_3710,ppm, .0004,.0000,7.804, .0004, .0004
Be3130,313.042 {108},Y_3710,ppm, .0002,.0001,42.02, .0001, .0002
Ca3158,315.887 {107},In2306,ppm, 484.6,10.31,2.127, 477.3, 491.9
Ca3181,318.128 {106},In2306,ppm, 487.5,9.959,2.043, 480.5, 494.5
Cd2288,228.802 {447},Y_2243,ppm, .0003,.0000,7.884, .0003, .0003
Co2286,228.616 {447},In2306,ppm, .0005,.0002,47.44, .0006, .0003
Cr2677,267.716 {126},Y_3600,ppm, .0017,.0006,37.14, .0022, .0013
Cu3247,324.754 {104},Y_3600,ppm, .0016,.0003,15.80, .0014, .0018
Fe2404,240.488 {140},In2306,ppm, 192.5,3.932,2.042, 189.8, 195.3
K_7664,766.490 { 44},Y_3710,ppm, -.0231,.0115,49.60, -.0312, -.0150
K_7698,769.896 { 44},Y_3710,ppm, -.2722,.0075,2.754, -.2775, -.2669
Li6707,670.784 { 50},Y_3710,ppm, .0137,.0001,.8464, .0136, .0138
Mg2790,279.079 {121},Y_3710,ppm, 474.6,11.99,2.527, 466.1, 483.1

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Mn2576,257.610 {131},Y_3600,ppm, -.0042,.0002,4.906, -.0040, -.0043
Mn2576-2,257.610 {131}2,Y_3710,ppm, -.0058,.0003,5.144, -.0056, -.0060
Mo2020,202.030 {467},Y_2243,ppm, .0001,.0001,51.67, .0002, .0001
Na5895,589.592 { 57},Y_3710,ppm, .0234,.0031,13.30, .0212, .0256
Na8183,818.326 { 41},Y_3710,ppm, .0382,.0887,232.3, .1009, -.0245
Ni2316,231.604 {445},In2306,ppm, .0050,.0001,2.382, .0049, .0050
P_1782,178.284 {489},In2306,ppm, .0002,.0011,498.2, -.0006, .0010
Pb2203,220.353 {453},In2306,ppm, .0032,.0014,43.26, .0022, .0042
S_1820,182.034 {485},Y_2243,ppm, -30.52,.2482,.8134, -30.69, -30.34
Sb2068,206.833 {463},Y_2243,ppm, -.0088,.0024,27.24, -.0071, -.0105
Se1960,196.090 {472},Y_2243,ppm, .0027,.0001,4.215, .0028, .0026
Si2516,251.611 {134},Y_3710,ppm, -.0011,.0060,564.2, .0032, -.0053
Sn1899,189.989 {477},In2306,ppm, .0004,.0004,99.59, .0007, .0001
Sr4215,421.552 { 80},Y_3710,ppm, .0021,.0001,3.712, .0020, .0021
Ti3349,334.904 {101},Y_3600,ppm, .0026,.0006,21.41, .0031, .0022
Tl1908,190.856 {477},In2306,ppm, -.0053,.0041,77.85, -.0082, -.0024
V_2924,292.402 {115},Y_3600,ppm, -.0062,.0001,2.043, -.0063, -.0061
Zn2062,206.200 {463},In2306,ppm, .0039,.0004,9.414, .0042, .0037

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 371.46,7.5256,2.0259,376.79,366.14
In2306,230.606 {446},Cts/S, 11338.,11.041,.09738,11330.,11346.
Y_2243,224.306 {450},Cts/S, 18107.,15.479,.08549,18096.,18118.
Y_3600,360.073 { 94},Cts/S, 143100.,1260.0,.88052,142210.,143990.
Y_3710,371.030 { 91},Cts/S, 19360.,486.45,2.5126,19704.,19017.

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Custom ID3=
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Mode=CONC
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Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .5304,.0047,.8905, .5270, .5337
Al3082,308.215 {109},In2306,ppm, 529.7,1.324,.2499, 528.8, 530.7
As1890,189.042 {478},Y_2243,ppm, .9733,.0002,.0212, .9734, .9731
B_2496,249.678 {135},Y_3710,ppm, .9757,.0064,.6610, .9711, .9802
Ba4554,455.403 { 74},Y_3710,ppm, .9810,.0030,.3053, .9788, .9831
Be3130,313.042 {108},Y_3710,ppm, .4844,.0022,.4530, .4829, .4860
Ca3158,315.887 {107},In2306,ppm, 501.8,1.700,.3388, 500.6, 503.0
Ca3181,318.128 {106},In2306,ppm, 496.2,.2781,.0560, 496.0, 496.4
Cd2288,228.802 {447},Y_2243,ppm, .4954,.0007,.1426, .4959, .4949
Co2286,228.616 {447},In2306,ppm, 1.001,.0033,.3312, 1.003, .9987
Cr2677,267.716 {126},Y_3600,ppm, .9487,.0048,.5033, .9454, .9521
Cu3247,324.754 {104},Y_3600,ppm, 1.023,.0145,1.415, 1.013, 1.033
Fe2404,240.488 {140},In2306,ppm, 202.1,.3271,.1618, 201.9, 202.4
K_7664,766.490 { 44},Y_3710,ppm, 10.23,.0084,.0826, 10.23, 10.24
K_7698,769.896 { 44},Y_3710,ppm, 9.958,.0214,.2146, 9.943, 9.973
Li6707,670.784 { 50},Y_3710,ppm, 1.030,.0061,.5969, 1.026, 1.034
Mg2790,279.079 {121},Y_3710,ppm, 498.0,1.529,.3071, 496.9, 499.0
Mn2576,257.610 {131},Y_3600,ppm, .9374,.0086,.9227, .9312, .9435
Mn2576-2,257.610 {131}2,Y_3710,ppm, .9225,.0061,.6568, .9182, .9267
Mo2020,202.030 {467},Y_2243,ppm, .9099,.0009,.0941, .9105, .9092
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Na5895,589.592 { 57},Y_3710,ppm, 10.14,.0363,.3578, 10.11, 10.16
Na8183,818.326 { 41},Y_3710,ppm, 9.677,.0537,.5548, 9.715, 9.639
Ni2316,231.604 {445},In2306,ppm, .9918,.0004,.0435, .9915, .9921
P_1782,178.284 {489},In2306,ppm, 1.093,.0055,.5034, 1.097, 1.090
Pb2203,220.353 {453},In2306,ppm, .9802,.0036,.3690, .9828, .9777
S_1820,182.034 {485},Y_2243,ppm, -30.69,1.060,3.456, -31.44, -29.94
Sb2068,206.833 {463},Y_2243,ppm, .9334,.0053,.5688, .9372, .9297
Se1960,196.090 {472},Y_2243,ppm, .9617,.0024,.2509, .9600, .9634
Si2516,251.611 {134},Y_3710,ppm, .9453,.0002,.0173, .9455, .9452
Sn1899,189.989 {477},In2306,ppm, .9972,.0018,.1781, .9985, .9960
Sr4215,421.552 { 80},Y_3710,ppm, .4900,.0033,.6737, .4877, .4924
Ti3349,334.904 {101},Y_3600,ppm, .9807,.0069,.7058, .9758, .9856
Tl1908,190.856 {477},In2306,ppm, .9105,.0119,1.310, .9189, .9020
V_2924,292.402 {115},Y_3600,ppm, .9603,.0077,.8039, .9549, .9658
Zn2062,206.200 {463},In2306,ppm, 1.018,.0013,.1264, 1.019, 1.018

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 368.90,.81981,.22223,369.48,368.32
In2306,230.606 {446},Cts/S, 11293.,19.283,.17076,11279.,11307.
Y_2243,224.306 {450},Cts/S, 18104.,31.682,.17500,18081.,18126.
Y_3600,360.073 { 94},Cts/S, 141540.,751.93,.53124,142070.,141010.
Y_3710,371.030 { 91},Cts/S, 18810.,60.843,.32345,18853.,18767.

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SampleName=CCV 829923
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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .2440,.0001,.0318, .2439, .2440
Al3082,308.215 {109},In2306,ppm, 2.675,.1010,3.778, 2.746, 2.603
As1890,189.042 {478},Y_2243,ppm, .4826,.0107,2.217, .4902, .4750
B_2496,249.678 {135},Y_3710,ppm, .4829,.0072,1.494, .4778, .4880
Ba4554,455.403 { 74},Y_3710,ppm, .4724,.0013,.2654, .4715, .4733
Be3130,313.042 {108},Y_3710,ppm, .4849,.0005,.1067, .4845, .4853
Ca3158,315.887 {107},In2306,ppm, 12.09,.1708,1.413, 12.21, 11.97
Ca3181,318.128 {106},In2306,ppm, 12.21,.1523,1.247, 12.32, 12.11
Cd2288,228.802 {447},Y_2243,ppm, .4809,.0071,1.477, .4859, .4759
Co2286,228.616 {447},In2306,ppm, .4821,.0053,1.098, .4859, .4784
Cr2677,267.716 {126},Y_3600,ppm, .4937,.0007,.1442, .4942, .4932
Cu3247,324.754 {104},Y_3600,ppm, .4878,.0006,.1256, .4883, .4874
Fe2404,240.488 {140},In2306,ppm, 2.517,.0650,2.580, 2.563, 2.471
K_7664,766.490 { 44},Y_3710,ppm, 12.13,.0081,.0667, 12.12, 12.14
K_7698,769.896 { 44},Y_3710,ppm, 12.06,.0530,.4392, 12.02, 12.10
Li6707,670.784 { 50},Y_3710,ppm, .4803,.0009,.1959, .4797, .4810
Mg2790,279.079 {121},Y_3710,ppm, 5.159,.0915,1.774, 5.224, 5.094
Mn2576,257.610 {131},Y_3600,ppm, .4814,.0013,.2608, .4823, .4805
Mn2576-2,257.610 {131}2,Y_3710,ppm, .4669,.0007,.1477, .4664, .4673
Mo2020,202.030 {467},Y_2243,ppm, .4893,.0070,1.423, .4943, .4844
Na5895,589.592 { 57},Y_3710,ppm, 11.97,.0215,.1799, 11.96, 11.99
Na8183,818.326 { 41},Y_3710,ppm, 11.77,.2013,1.711, 11.91, 11.62
Ni2316,231.604 {445},In2306,ppm, .4751,.0065,1.377, .4797, .4704
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P_1782,178.284 {489},In2306,ppm, -.0013,.0002,19.17, -.0015, -.0011
Pb2203,220.353 {453},In2306,ppm, .4764,.0041,.8587, .4793, .4735
S_1820,182.034 {485},Y_2243,ppm, 118.5,1.508,1.273, 119.6, 117.4
Sb2068,206.833 {463},Y_2243,ppm, .4906,.0100,2.036, .4976, .4835
Se1960,196.090 {472},Y_2243,ppm, .4846,.0064,1.330, .4892, .4800
Si2516,251.611 {134},Y_3710,ppm, .8794,.0053,.6002, .8756, .8831
Sn1899,189.989 {477},In2306,ppm, .4921,.0067,1.359, .4968, .4874
Sr4215,421.552 { 80},Y_3710,ppm, .2402,.0012,.5146, .2393, .2411
Ti3349,334.904 {101},Y_3600,ppm, .5051,.0016,.3222, .5063, .5040
Tl1908,190.856 {477},In2306,ppm, .4937,.0069,1.406, .4986, .4888
V_2924,292.402 {115},Y_3600,ppm, .5004,.0011,.2243, .5012, .4996
Zn2062,206.200 {463},In2306,ppm, .4756,.0059,1.237, .4798, .4715

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 417.90,2.8653,.68564,415.87,419.92
In2306,230.606 {446},Cts/S, 14622.,144.30,.98682,14520.,14724.
Y_2243,224.306 {450},Cts/S, 20098.,226.27,1.1259,19938.,20258.
Y_3600,360.073 { 94},Cts/S, 160160.,344.81,.21529,159920.,160400.
Y_3710,371.030 { 91},Cts/S, 19904.,56.675,.28473,19944.,19864.

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Custom ID3=
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[Results]
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Ag3280,328.068 {103},Y_3600,ppm, .0051,.0004,7.304, .0048, .0054
Al3082,308.215 {109},In2306,ppm, .1173,.0243,20.68, .1345, .1002
As1890,189.042 {478},Y_2243,ppm, .0113,.0003,3.026, .0116, .0111
B_2496,249.678 {135},Y_3710,ppm, .0096,.0052,54.45, .0133, .0059
Ba4554,455.403 { 74},Y_3710,ppm, .0099,.0003,3.131, .0101, .0096
Be3130,313.042 {108},Y_3710,ppm, .0049,.0002,4.913, .0051, .0048
Ca3158,315.887 {107},In2306,ppm, .1133,.0005,.4141, .1130, .1136
Ca3181,318.128 {106},In2306,ppm, .1494,.0017,1.143, .1506, .1481
Cd2288,228.802 {447},Y_2243,ppm, .0051,.0004,7.889, .0048, .0054
Co2286,228.616 {447},In2306,ppm, .0097,.0003,2.779, .0095, .0099
Cr2677,267.716 {126},Y_3600,ppm, .0098,.0000,.3015, .0098, .0098
Cu3247,324.754 {104},Y_3600,ppm, .0101,.0004,3.655, .0103, .0098
Fe2404,240.488 {140},In2306,ppm, .1046,.0004,.3455, .1043, .1048
K_7664,766.490 { 44},Y_3710,ppm, .5923,.0093,1.569, .5857, .5988
K_7698,769.896 { 44},Y_3710,ppm, .5538,.0031,.5638, .5516, .5560
Li6707,670.784 { 50},Y_3710,ppm, .0110,.0011,9.573, .0118, .0103
Mg2790,279.079 {121},Y_3710,ppm, .1151,.0059,5.149, .1193, .1110
Mn2576,257.610 {131},Y_3600,ppm, .0104,.0001,.9208, .0105, .0103
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0100,.0003,2.730, .0098, .0101
Mo2020,202.030 {467},Y_2243,ppm, .0112,.0009,8.019, .0106, .0118
Na5895,589.592 { 57},Y_3710,ppm, .6078,.0085,1.397, .6138, .6017
Na8183,818.326 { 41},Y_3710,ppm, .6894,.2239,32.48, .5311, .8477
Ni2316,231.604 {445},In2306,ppm, .0101,.0004,4.452, .0097, .0104
P_1782,178.284 {489},In2306,ppm, .0077,.0010,13.03, .0085, .0070
Pb2203,220.353 {453},In2306,ppm, .0106,.0002,1.439, .0107, .0105
S_1820,182.034 {485},Y_2243,ppm, .6372,.2389,37.49, .8061, .4683
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Sb2068,206.833 {463},Y_2243,ppm, .0180,.0004,2.097, .0178, .0183
Se1960,196.090 {472},Y_2243,ppm, .0085,.0006,6.702, .0089, .0081
Si2516,251.611 {134},Y_3710,ppm, -.0009,.0151,1622., -.0116, .0097
Sn1899,189.989 {477},In2306,ppm, .0107,.0004,3.589, .0104, .0110
Sr4215,421.552 { 80},Y_3710,ppm, .0050,.0001,2.643, .0051, .0049
Ti3349,334.904 {101},Y_3600,ppm, .0100,.0000,.0227, .0100, .0100
Tl1908,190.856 {477},In2306,ppm, .0118,.0019,16.23, .0105, .0132
V_2924,292.402 {115},Y_3600,ppm, .0100,.0003,3.132, .0102, .0098
Zn2062,206.200 {463},In2306,ppm, .0094,.0003,2.796, .0092, .0096

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 414.77,6.7184,1.6198,410.02,419.52
In2306,230.606 {446},Cts/S, 15399.,56.341,.36588,15439.,15359.
Y_2243,224.306 {450},Cts/S, 20300.,91.514,.45080,20365.,20236.
Y_3600,360.073 { 94},Cts/S, 162320.,1304.1,.80341,161400.,163240.
Y_3710,371.030 { 91},Cts/S, 19648.,279.60,1.4230,19451.,19846.

[Sample Header]
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Custom ID2=
Custom ID3=
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Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0001,.0001,63.83, -.0002, -.0001
Al3082,308.215 {109},In2306,ppm, .0437,.0260,59.44, .0621, .0253
As1890,189.042 {478},Y_2243,ppm, .0004,.0015,346.1, .0015, -.0006
B_2496,249.678 {135},Y_3710,ppm, .0036,.0004,10.90, .0033, .0039
Ba4554,455.403 { 74},Y_3710,ppm, .0000,.0000,80.34, .0000, .0000
Be3130,313.042 {108},Y_3710,ppm, .0000,.0001,492.0, .0001, -.0001
Ca3158,315.887 {107},In2306,ppm, .0374,.0128,34.18, .0464, .0283
Ca3181,318.128 {106},In2306,ppm, .0776,.0007,.9019, .0771, .0781
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0000,53.06, .0001, .0001
Co2286,228.616 {447},In2306,ppm, -.0001,.0001,60.13, .0000, -.0001
Cr2677,267.716 {126},Y_3600,ppm, -.0003,.0001,54.32, -.0004, -.0002
Cu3247,324.754 {104},Y_3600,ppm, .0000,.0003,2037., -.0002, .0002
Fe2404,240.488 {140},In2306,ppm, .0191,.0004,2.044, .0194, .0189
K_7664,766.490 { 44},Y_3710,ppm, .0038,.0278,730.5, -.0159, .0235
K_7698,769.896 { 44},Y_3710,ppm, -.0981,.0159,16.17, -.0869, -.1093
Li6707,670.784 { 50},Y_3710,ppm, .0015,.0001,8.466, .0014, .0016
Mg2790,279.079 {121},Y_3710,ppm, .0161,.0053,32.59, .0124, .0198
Mn2576,257.610 {131},Y_3600,ppm, .0000,.0001,144.0, .0001, .0000
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0002,.0004,220.7, .0004, -.0001
Mo2020,202.030 {467},Y_2243,ppm, .0001,.0001,55.02, .0001, .0002
Na5895,589.592 { 57},Y_3710,ppm, .0112,.0081,72.34, .0169, .0055
Na8183,818.326 { 41},Y_3710,ppm, .0353,.1932,547.7, .1719, -.1013
Ni2316,231.604 {445},In2306,ppm, .0003,.0001,21.24, .0003, .0002
P_1782,178.284 {489},In2306,ppm, -.0013,.0006,48.42, -.0008, -.0017
Pb2203,220.353 {453},In2306,ppm, -.0004,.0002,45.68, -.0003, -.0006
S_1820,182.034 {485},Y_2243,ppm, .0761,.0073,9.566, .0812, .0709
Sb2068,206.833 {463},Y_2243,ppm, .0017,.0006,36.70, .0021, .0012
Se1960,196.090 {472},Y_2243,ppm, -.0007,.0017,263.9, -.0019, .0006
Si2516,251.611 {134},Y_3710,ppm, .0000,.0137,59650., -.0097, .0097
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Sn1899,189.989 {477},In2306,ppm, .0003,.0002,50.02, .0002, .0004
Sr4215,421.552 { 80},Y_3710,ppm, .0001,.0001,86.51, .0000, .0001
Ti3349,334.904 {101},Y_3600,ppm, -.0002,.0003,194.0, -.0004, .0001
Tl1908,190.856 {477},In2306,ppm, .0002,.0006,387.5, .0006, -.0003
V_2924,292.402 {115},Y_3600,ppm, -.0001,.0002,370.5, .0001, -.0002
Zn2062,206.200 {463},In2306,ppm, -.0002,.0000,7.985, -.0002, -.0002

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 416.49,3.4126,.81938,418.90,414.07
In2306,230.606 {446},Cts/S, 15520.,16.085,.10364,15531.,15508.
Y_2243,224.306 {450},Cts/S, 20305.,.12164,.00060,20305.,20305.
Y_3600,360.073 { 94},Cts/S, 163690.,137.39,.08393,163790.,163590.
Y_3710,371.030 { 91},Cts/S, 19791.,246.32,1.2446,19965.,19617.

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Ag3280,328.068 {103},Y_3600,ppm, -.0012,.0002,20.42, -.0014, -.0010
Al3082,308.215 {109},In2306,ppm, .0274,.0269,98.09, .0084, .0464
As1890,189.042 {478},Y_2243,ppm, .0006,.0004,66.36, .0009, .0003
B_2496,249.678 {135},Y_3710,ppm, .0010,.0036,373.0, .0035, -.0016
Ba4554,455.403 { 74},Y_3710,ppm, .0076,.0001,.8144, .0077, .0076
Be3130,313.042 {108},Y_3710,ppm, .0000,.0001,437.3, -.0001, .0001
Ca3158,315.887 {107},In2306,ppm, .3693,.0069,1.865, .3644, .3742
Ca3181,318.128 {106},In2306,ppm, .3983,.0208,5.213, .4130, .3836
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0000,28.20, .0001, .0001
Co2286,228.616 {447},In2306,ppm, -.0002,.0000,11.12, -.0002, -.0002
Cr2677,267.716 {126},Y_3600,ppm, .0000,.0000,66.11, .0000, -.0001
Cu3247,324.754 {104},Y_3600,ppm, -.0004,.0003,63.22, -.0006, -.0002
Fe2404,240.488 {140},In2306,ppm, .0089,.0007,8.222, .0084, .0095
K_7664,766.490 { 44},Y_3710,ppm, .0182,.0073,39.97, .0130, .0233
K_7698,769.896 { 44},Y_3710,ppm, -.1059,.0347,32.72, -.0814, -.1304
Li6707,670.784 { 50},Y_3710,ppm, .0006,.0005,78.44, .0009, .0003
Mg2790,279.079 {121},Y_3710,ppm, -.0028,.0307,1101., -.0245, .0189
Mn2576,257.610 {131},Y_3600,ppm, .0004,.0001,13.59, .0004, .0004
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0007,.0001,22.01, .0006, .0008
Mo2020,202.030 {467},Y_2243,ppm, .0002,.0001,32.00, .0002, .0003
Na5895,589.592 { 57},Y_3710,ppm, .0642,.0042,6.501, .0613, .0672
Na8183,818.326 { 41},Y_3710,ppm, .1441,.1169,81.14, .2268, .0614
Ni2316,231.604 {445},In2306,ppm, .0005,.0001,22.96, .0005, .0006
P_1782,178.284 {489},In2306,ppm, .0361,.0007,1.965, .0366, .0356
Pb2203,220.353 {453},In2306,ppm, .0003,.0003,111.6, .0005, .0001
S_1820,182.034 {485},Y_2243,ppm, 4.097,.4955,12.10, 4.447, 3.746
Sb2068,206.833 {463},Y_2243,ppm, .0030,.0017,55.78, .0018, .0042
Se1960,196.090 {472},Y_2243,ppm, -.0019,.0004,21.02, -.0016, -.0022
Si2516,251.611 {134},Y_3710,ppm, .0095,.0010,10.28, .0088, .0102
Sn1899,189.989 {477},In2306,ppm, .0293,.0006,1.980, .0289, .0297
Sr4215,421.552 { 80},Y_3710,ppm, .0007,.0000,2.776, .0007, .0007
Ti3349,334.904 {101},Y_3600,ppm, -.0004,.0000,11.44, -.0003, -.0004
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Tl1908,190.856 {477},In2306,ppm, -.0017,.0012,67.14, -.0009, -.0025
V_2924,292.402 {115},Y_3600,ppm, .0001,.0002,264.8, -.0001, .0002
Zn2062,206.200 {463},In2306,ppm, .0088,.0001,1.296, .0087, .0089

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 420.69,2.4145,.57393,422.40,418.98
In2306,230.606 {446},Cts/S, 15418.,187.09,1.2135,15550.,15285.
Y_2243,224.306 {450},Cts/S, 20248.,222.33,1.0980,20405.,20091.
Y_3600,360.073 { 94},Cts/S, 163590.,6821.1,4.1697,158760.,168410.
Y_3710,371.030 { 91},Cts/S, 20046.,295.38,1.4735,20255.,19837.

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[Results]
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Ag3280,328.068 {103},Y_3600,ppm, .4667,.0024,.5081, .4650, .4683
Al3082,308.215 {109},In2306,ppm, 90.46,.7982,.8824, 89.90, 91.03
As1890,189.042 {478},Y_2243,ppm, 1.390,.0157,1.131, 1.401, 1.379
B_2496,249.678 {135},Y_3710,ppm, .8878,.0013,.1420, .8869, .8887
Ba4554,455.403 { 74},Y_3710,ppm, 2.562,.0158,.6161, 2.551, 2.573
Be3130,313.042 {108},Y_3710,ppm, 1.532,.0009,.0579, 1.533, 1.532
Ca3158,315.887 {107},In2306,ppm, 101.7,.7578,.7453, 101.1, 102.2
Ca3181,318.128 {106},In2306,ppm, 103.1,1.149,1.114, 102.3, 103.9
Cd2288,228.802 {447},Y_2243,ppm, .7216,.0089,1.233, .7278, .7153
Co2286,228.616 {447},In2306,ppm, 1.549,.0209,1.349, 1.564, 1.534
Cr2677,267.716 {126},Y_3600,ppm, 1.011,.0050,.4945, 1.007, 1.014
Cu3247,324.754 {104},Y_3600,ppm, 1.123,.0005,.0441, 1.123, 1.123
Fe2404,240.488 {140},In2306,ppm, 181.4,2.177,1.200, 179.8, 182.9
K_7664,766.490 { 44},Y_3710,ppm, 46.54,.1142,.2455, 46.46, 46.62
K_7698,769.896 { 44},Y_3710,ppm, 46.46,.0739,.1591, 46.51, 46.41
Li6707,670.784 { 50},Y_3710,ppm, .0882,.0004,.4078, .0885, .0880
Mg2790,279.079 {121},Y_3710,ppm, 40.73,.2281,.5601, 40.57, 40.89
Mn2576,257.610 {131},Y_3600,ppm, 5.097,.1621,3.179, 4.983, 5.212
Mn2576-2,257.610 {131}2,Y_3710,ppm, 5.134,.0288,.5609, 5.114, 5.155
Mo2020,202.030 {467},Y_2243,ppm, .9421,.0124,1.319, .9509, .9333
Na5895,589.592 { 57},Y_3710,ppm, 6.189,.0175,.2830, 6.177, 6.201
Na8183,818.326 { 41},Y_3710,ppm, 6.623,.1099,1.660, 6.701, 6.545
Ni2316,231.604 {445},In2306,ppm, 1.418,.0197,1.391, 1.432, 1.404
P_1782,178.284 {489},In2306,ppm, 8.922,.1319,1.478, 9.015, 8.829
Pb2203,220.353 {453},In2306,ppm, 1.492,.0173,1.159, 1.504, 1.480
S_1820,182.034 {485},Y_2243,ppm, 515.4,8.106,1.573, 521.1, 509.6
Sb2068,206.833 {463},Y_2243,ppm, .6593,.0086,1.303, .6654, .6533
Se1960,196.090 {472},Y_2243,ppm, 2.046,.0119,.5820, 2.054, 2.038
Si2516,251.611 {134},Y_3710,ppm, 24.94,.1096,.4394, 24.86, 25.02
Sn1899,189.989 {477},In2306,ppm, 1.771,.0264,1.493, 1.790, 1.753
Sr4215,421.552 { 80},Y_3710,ppm, 2.399,.0151,.6293, 2.388, 2.410
Ti3349,334.904 {101},Y_3600,ppm, 4.320,.0074,.1719, 4.314, 4.325
Tl1908,190.856 {477},In2306,ppm, 1.692,.0174,1.031, 1.704, 1.680
V_2924,292.402 {115},Y_3600,ppm, .6243,.0027,.4326, .6262, .6223
Zn2062,206.200 {463},In2306,ppm, 2.396,.0354,1.479, 2.421, 2.371

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 397.94,3.2659,.82070,400.25,395.63
In2306,230.606 {446},Cts/S, 13025.,134.91,1.0358,12930.,13121.
Y_2243,224.306 {450},Cts/S, 20011.,181.71,.90806,19882.,20139.
Y_3600,360.073 { 94},Cts/S, 160880.,1075.8,.66868,161650.,160120.
Y_3710,371.030 { 91},Cts/S, 20850.,58.389,.28005,20891.,20808.

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Al3082,308.215 {109},In2306,ppm, 357.6,1.353,.3784, 356.7, 358.6
As1890,189.042 {478},Y_2243,ppm, .1192,.0022,1.869, .1177, .1208
B_2496,249.678 {135},Y_3710,ppm, .2368,.0012,.5092, .2376, .2359
Ba4554,455.403 { 74},Y_3710,ppm, 2.749,.0199,.7248, 2.735, 2.763
Be3130,313.042 {108},Y_3710,ppm, .0162,.0001,.6993, .0161, .0163
Ca3158,315.887 {107},In2306,ppm, 1426.,12.98,.9100, 1436., 1417.
Ca3181,318.128 {106},In2306,ppm, 1500.,1.873,.1249, 1498., 1501.
Cd2288,228.802 {447},Y_2243,ppm, .0067,.0017,26.06, .0054, .0079
Co2286,228.616 {447},In2306,ppm, .1983,.0035,1.744, .1958, .2007
Cr2677,267.716 {126},Y_3600,ppm, .2509,.0001,.0293, .2508, .2509
Cu3247,324.754 {104},Y_3600,ppm, .2468,.0002,.0689, .2469, .2467
Fe2404,240.488 {140},In2306,ppm, 266.5,.4688,.1759, 266.2, 266.9
K_7664,766.490 { 44},Y_3710,ppm, 22.89,.2630,1.149, 22.70, 23.08
K_7698,769.896 { 44},Y_3710,ppm, 22.74,.3821,1.681, 22.47, 23.01
Li6707,670.784 { 50},Y_3710,ppm, .1578,.0023,1.444, .1562, .1594
Mg2790,279.079 {121},Y_3710,ppm, 36.67,.4231,1.154, 36.37, 36.97
Mn2576,257.610 {131},Y_3600,ppm, 14.30,.1652,1.155, 14.42, 14.18
Mn2576-2,257.610 {131}2,Y_3710,ppm, 14.82,.1278,.8622, 14.73, 14.91
Mo2020,202.030 {467},Y_2243,ppm, .0029,.0033,113.4, .0006, .0052
Na5895,589.592 { 57},Y_3710,ppm, 2.464,.0172,.6990, 2.452, 2.476
Na8183,818.326 { 41},Y_3710,ppm, 2.701,.2875,10.64, 2.498, 2.905
Ni2316,231.604 {445},In2306,ppm, .3928,.0019,.4728, .3915, .3942
P_1782,178.284 {489},In2306,ppm, 5.498,.0127,.2313, 5.507, 5.489
Pb2203,220.353 {453},In2306,ppm, .2697,.0009,.3421, .2690, .2703
S_1820,182.034 {485},Y_2243,ppm, 281.4,.4781,.1699, 281.7, 281.1
Sb2068,206.833 {463},Y_2243,ppm, -.0052,.0014,28.00, -.0062, -.0041
Se1960,196.090 {472},Y_2243,ppm, .0140,.0035,24.94, .0115, .0165
Si2516,251.611 {134},Y_3710,ppm, 31.80,.1645,.5172, 31.68, 31.91
Sn1899,189.989 {477},In2306,ppm, .0469,.0070,14.85, .0420, .0519
Sr4215,421.552 { 80},Y_3710,ppm, 2.995,.0214,.7158, 2.980, 3.010
Ti3349,334.904 {101},Y_3600,ppm, .4044,.0007,.1671, .4039, .4048
Tl1908,190.856 {477},In2306,ppm, -.0167,.0075,44.86, -.0220, -.0114
V_2924,292.402 {115},Y_3600,ppm, .6234,.0024,.3829, .6251, .6217
Zn2062,206.200 {463},In2306,ppm, .8116,.0002,.0185, .8114, .8117

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2

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In2306,230.606 {146},Cts/S, 366.07,2.9880,.81624,368.19,363.96
In2306,230.606 {446},Cts/S, 11082.,39.213,.35383,11055.,11110.
Y_2243,224.306 {450},Cts/S, 21157.,43.249,.20442,21126.,21187.
Y_3600,360.073 { 94},Cts/S, 163600.,1045.6,.63915,162860.,164340.
Y_3710,371.030 { 91},Cts/S, 22725.,382.27,1.6821,22995.,22455.

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Al3082,308.215 {109},In2306,ppm, 347.1,9.190,2.648, 353.6, 340.6
As1890,189.042 {478},Y_2243,ppm, .1224,.0016,1.334, .1236, .1213
B_2496,249.678 {135},Y_3710,ppm, .2225,.0052,2.356, .2262, .2188
Ba4554,455.403 { 74},Y_3710,ppm, 2.352,.0693,2.945, 2.401, 2.303
Be3130,313.042 {108},Y_3710,ppm, .0159,.0008,4.882, .0165, .0154
Ca3158,315.887 {107},In2306,ppm, 1333.,69.03,5.180, 1382., 1284.
Ca3181,318.128 {106},In2306,ppm, 1442.,32.44,2.249, 1465., 1420.
Cd2288,228.802 {447},Y_2243,ppm, .0050,.0001,1.626, .0049, .0050
Co2286,228.616 {447},In2306,ppm, .1664,.0013,.8041, .1673, .1654
Cr2677,267.716 {126},Y_3600,ppm, .2523,.0073,2.881, .2574, .2472
Cu3247,324.754 {104},Y_3600,ppm, .2158,.0067,3.100, .2206, .2111
Fe2404,240.488 {140},In2306,ppm, 264.9,6.540,2.469, 269.5, 260.2
K_7664,766.490 { 44},Y_3710,ppm, 22.28,.7045,3.162, 22.78, 21.79
K_7698,769.896 { 44},Y_3710,ppm, 22.18,.8653,3.902, 22.79, 21.57
Li6707,670.784 { 50},Y_3710,ppm, .1518,.0048,3.173, .1552, .1484
Mg2790,279.079 {121},Y_3710,ppm, 35.17,1.169,3.323, 36.00, 34.34
Mn2576,257.610 {131},Y_3600,ppm, 11.19,.1239,1.107, 11.28, 11.10
Mn2576-2,257.610 {131}2,Y_3710,ppm, 11.16,.3806,3.411, 11.42, 10.89
Mo2020,202.030 {467},Y_2243,ppm, -.0004,.0002,59.42, -.0002, -.0005
Na5895,589.592 { 57},Y_3710,ppm, 2.253,.0782,3.470, 2.308, 2.198
Na8183,818.326 { 41},Y_3710,ppm, 2.331,.0771,3.305, 2.277, 2.386
Ni2316,231.604 {445},In2306,ppm, .3477,.0041,1.175, .3506, .3448
P_1782,178.284 {489},In2306,ppm, 5.494,.0502,.9145, 5.530, 5.459
Pb2203,220.353 {453},In2306,ppm, .2701,.0024,.8974, .2718, .2684
S_1820,182.034 {485},Y_2243,ppm, 261.1,3.250,1.245, 263.4, 258.8
Sb2068,206.833 {463},Y_2243,ppm, -.0082,.0004,4.649, -.0079, -.0084
Se1960,196.090 {472},Y_2243,ppm, .0142,.0015,10.26, .0152, .0131
Si2516,251.611 {134},Y_3710,ppm, 28.93,1.046,3.616, 29.67, 28.19
Sn1899,189.989 {477},In2306,ppm, .0420,.0007,1.708, .0415, .0425
Sr4215,421.552 { 80},Y_3710,ppm, 2.873,.0904,3.146, 2.937, 2.809
Ti3349,334.904 {101},Y_3600,ppm, .3984,.0130,3.272, .4076, .3892
Tl1908,190.856 {477},In2306,ppm, -.0239,.0018,7.347, -.0227, -.0252
V_2924,292.402 {115},Y_3600,ppm, .6248,.0194,3.108, .6385, .6110
Zn2062,206.200 {463},In2306,ppm, .8301,.0059,.7133, .8343, .8259

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 369.85,8.6912,2.3499,363.71,376.00
In2306,230.606 {446},Cts/S, 10983.,66.791,.60813,10936.,11030.
Y_2243,224.306 {450},Cts/S, 20951.,133.56,.63747,20856.,21045.
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Y_3600,360.073 { 94},Cts/S, 161370.,3692.0,2.2880,158750.,163980.
Y_3710,371.030 { 91},Cts/S, 22906.,772.12,3.3708,22360.,23452.

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Al3082,308.215 {109},In2306,ppm, 441.4,2.555,.5790, 439.6, 443.2
As1890,189.042 {478},Y_2243,ppm, .9501,.0040,.4213, .9529, .9472
B_2496,249.678 {135},Y_3710,ppm, 1.222,.0036,.2974, 1.224, 1.219
Ba4554,455.403 { 74},Y_3710,ppm, 3.084,.0138,.4482, 3.074, 3.093
Be3130,313.042 {108},Y_3710,ppm, .4487,.0006,.1377, .4483, .4492
Ca3158,315.887 {107},In2306,ppm, 1296.,9.928,.7662, 1289., 1303.
Ca3181,318.128 {106},In2306,ppm, 1355.,11.50,.8492, 1346., 1363.
Cd2288,228.802 {447},Y_2243,ppm, .4432,.0021,.4668, .4446, .4417
Co2286,228.616 {447},In2306,ppm, 1.203,.0015,.1248, 1.204, 1.202
Cr2677,267.716 {126},Y_3600,ppm, 1.133,.0045,.4004, 1.130, 1.136
Cu3247,324.754 {104},Y_3600,ppm, 1.160,.0008,.0659, 1.159, 1.160
Fe2404,240.488 {140},In2306,ppm, 295.9,2.557,.8643, 294.1, 297.7
K_7664,766.490 { 44},Y_3710,ppm, 37.43,.0148,.0396, 37.42, 37.44
K_7698,769.896 { 44},Y_3710,ppm, 37.32,.0490,.1314, 37.36, 37.29
Li6707,670.784 { 50},Y_3710,ppm, .6243,.0010,.1569, .6236, .6250
Mg2790,279.079 {121},Y_3710,ppm, 49.78,.1743,.3502, 49.65, 49.90
Mn2576,257.610 {131},Y_3600,ppm, 9.339,.0516,.5527, 9.303, 9.376
Mn2576-2,257.610 {131}2,Y_3710,ppm, 9.368,.0333,.3555, 9.345, 9.392
Mo2020,202.030 {467},Y_2243,ppm, .6030,.0021,.3486, .6045, .6015
Na5895,589.592 { 57},Y_3710,ppm, 11.39,.0102,.0893, 11.39, 11.38
Na8183,818.326 { 41},Y_3710,ppm, 12.02,.0686,.5706, 11.97, 12.07
Ni2316,231.604 {445},In2306,ppm, 1.361,.0034,.2508, 1.364, 1.359
P_1782,178.284 {489},In2306,ppm, 5.098,.0187,.3675, 5.111, 5.085
Pb2203,220.353 {453},In2306,ppm, 1.230,.0006,.0486, 1.230, 1.229
S_1820,182.034 {485},Y_2243,ppm, 222.9,.4241,.1903, 222.6, 223.2
Sb2068,206.833 {463},Y_2243,ppm, .1014,.0050,4.952, .1049, .0978
Se1960,196.090 {472},Y_2243,ppm, .8120,.0068,.8344, .8168, .8072
Si2516,251.611 {134},Y_3710,ppm, 28.16,.0054,.0192, 28.16, 28.16
Sn1899,189.989 {477},In2306,ppm, .9830,.0021,.2116, .9844, .9815
Sr4215,421.552 { 80},Y_3710,ppm, 2.991,.0081,.2697, 2.986, 2.997
Ti3349,334.904 {101},Y_3600,ppm, .6380,.0000,.0019, .6380, .6380
Tl1908,190.856 {477},In2306,ppm, .9280,.0106,1.141, .9355, .9205
V_2924,292.402 {115},Y_3600,ppm, 1.507,.0061,.4056, 1.503, 1.512
Zn2062,206.200 {463},In2306,ppm, 1.957,.0004,.0204, 1.957, 1.957

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 368.91,4.1713,1.1307,371.86,365.96
In2306,230.606 {446},Cts/S, 10979.,8.0323,.07316,10973.,10985.
Y_2243,224.306 {450},Cts/S, 20732.,26.963,.13005,20713.,20751.
Y_3600,360.073 { 94},Cts/S, 160060.,542.54,.33896,160440.,159680.
Y_3710,371.030 { 91},Cts/S, 22054.,164.35,.74522,22170.,21937.

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[Results]
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Ag3280,328.068 {103},Y_3600,ppm, .4821,.0099,2.051, .4751, .4891
Al3082,308.215 {109},In2306,ppm, 445.9,.1176,.0264, 445.9, 445.8
As1890,189.042 {478},Y_2243,ppm, .9164,.0175,1.912, .9041, .9288
B_2496,249.678 {135},Y_3710,ppm, 1.045,.0002,.0186, 1.045, 1.044
Ba4554,455.403 { 74},Y_3710,ppm, 2.997,.0066,.2210, 2.992, 3.001
Be3130,313.042 {108},Y_3710,ppm, .4446,.0001,.0212, .4446, .4447
Ca3158,315.887 {107},In2306,ppm, 1198.,12.72,1.062, 1207., 1189.
Ca3181,318.128 {106},In2306,ppm, 1257.,2.309,.1838, 1258., 1255.
Cd2288,228.802 {447},Y_2243,ppm, .4405,.0075,1.702, .4352, .4458
Co2286,228.616 {447},In2306,ppm, 1.170,.0225,1.922, 1.154, 1.186
Cr2677,267.716 {126},Y_3600,ppm, 1.147,.0272,2.369, 1.127, 1.166
Cu3247,324.754 {104},Y_3600,ppm, 1.169,.0271,2.316, 1.150, 1.188
Fe2404,240.488 {140},In2306,ppm, 291.5,.2098,.0720, 291.6, 291.3
K_7664,766.490 { 44},Y_3710,ppm, 36.87,.0300,.0813, 36.85, 36.89
K_7698,769.896 { 44},Y_3710,ppm, 36.78,.0393,.1067, 36.81, 36.75
Li6707,670.784 { 50},Y_3710,ppm, .6126,.0016,.2578, .6137, .6115
Mg2790,279.079 {121},Y_3710,ppm, 50.59,.0781,.1545, 50.53, 50.64
Mn2576,257.610 {131},Y_3600,ppm, 9.822,.1113,1.133, 9.743, 9.900
Mn2576-2,257.610 {131}2,Y_3710,ppm, 9.748,.0161,.1653, 9.737, 9.760
Mo2020,202.030 {467},Y_2243,ppm, .5908,.0096,1.625, .5840, .5976
Na5895,589.592 { 57},Y_3710,ppm, 11.25,.0346,.3073, 11.22, 11.27
Na8183,818.326 { 41},Y_3710,ppm, 11.79,.2997,2.542, 11.58, 12.00
Ni2316,231.604 {445},In2306,ppm, 1.355,.0218,1.607, 1.340, 1.371
P_1782,178.284 {489},In2306,ppm, 5.153,.0911,1.768, 5.089, 5.217
Pb2203,220.353 {453},In2306,ppm, 1.197,.0236,1.974, 1.180, 1.214
S_1820,182.034 {485},Y_2243,ppm, 229.4,4.549,1.983, 226.2, 232.6
Sb2068,206.833 {463},Y_2243,ppm, .1188,.0068,5.755, .1139, .1236
Se1960,196.090 {472},Y_2243,ppm, .8012,.0159,1.988, .7899, .8125
Si2516,251.611 {134},Y_3710,ppm, 24.76,.0062,.0251, 24.76, 24.76
Sn1899,189.989 {477},In2306,ppm, .9737,.0205,2.109, .9591, .9882
Sr4215,421.552 { 80},Y_3710,ppm, 2.932,.0035,.1180, 2.929, 2.934
Ti3349,334.904 {101},Y_3600,ppm, .6396,.0135,2.110, .6301, .6492
Tl1908,190.856 {477},In2306,ppm, .9265,.0181,1.955, .9137, .9394
V_2924,292.402 {115},Y_3600,ppm, 1.466,.0338,2.304, 1.443, 1.490
Zn2062,206.200 {463},In2306,ppm, 1.975,.0390,1.973, 1.947, 2.002

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 365.21,2.2415,.61377,363.62,366.79
In2306,230.606 {446},Cts/S, 10939.,185.72,1.6979,11070.,10807.
Y_2243,224.306 {450},Cts/S, 20627.,308.49,1.4955,20845.,20409.
Y_3600,360.073 { 94},Cts/S, 158020.,2443.9,1.5466,159750.,156290.
Y_3710,371.030 { 91},Cts/S, 22085.,83.149,.37649,22026.,22144.

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[Results]
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Ag3280,328.068 {103},Y_3600,ppm, -.0019,.0010,54.16, -.0026, -.0012
Al3082,308.215 {109},In2306,ppm, 314.0,.2991,.0953, 314.2, 313.8
As1890,189.042 {478},Y_2243,ppm, .1022,.0011,1.113, .1014, .1030
B_2496,249.678 {135},Y_3710,ppm, .1274,.0010,.7579, .1281, .1267
Ba4554,455.403 { 74},Y_3710,ppm, 1.948,.0040,.2046, 1.950, 1.945
Be3130,313.042 {108},Y_3710,ppm, .0143,.0001,.4297, .0143, .0142
Ca3158,315.887 {107},In2306,ppm, 2025.,5.665,.2797, 2029., 2021.
Ca3181,318.128 {106},In2306,ppm, 2183.,.4201,.0192, 2184., 2183.
Cd2288,228.802 {447},Y_2243,ppm, .0053,.0002,4.738, .0051, .0054
Co2286,228.616 {447},In2306,ppm, .1349,.0011,.8508, .1341, .1357
Cr2677,267.716 {126},Y_3600,ppm, .2219,.0097,4.370, .2287, .2150
Cu3247,324.754 {104},Y_3600,ppm, .1582,.0065,4.101, .1628, .1536
Fe2404,240.488 {140},In2306,ppm, 228.9,.0939,.0410, 229.0, 228.9
K_7664,766.490 { 44},Y_3710,ppm, 22.61,.0885,.3915, 22.67, 22.55
K_7698,769.896 { 44},Y_3710,ppm, 22.40,.0331,.1479, 22.42, 22.38
Li6707,670.784 { 50},Y_3710,ppm, .1637,.0006,.3376, .1641, .1633
Mg2790,279.079 {121},Y_3710,ppm, 35.03,.0442,.1263, 35.06, 34.99
Mn2576,257.610 {131},Y_3600,ppm, 7.486,.0349,.4658, 7.462, 7.511
Mn2576-2,257.610 {131}2,Y_3710,ppm, 7.581,.0136,.1796, 7.590, 7.571
Mo2020,202.030 {467},Y_2243,ppm, .0019,.0006,29.21, .0015, .0023
Na5895,589.592 { 57},Y_3710,ppm, 13.82,.0222,.1605, 13.83, 13.80
Na8183,818.326 { 41},Y_3710,ppm, 13.91,.0838,.6023, 13.97, 13.85
Ni2316,231.604 {445},In2306,ppm, .2650,.0021,.8073, .2635, .2665
P_1782,178.284 {489},In2306,ppm, 5.496,.0034,.0615, 5.494, 5.498
Pb2203,220.353 {453},In2306,ppm, .2227,.0000,.0176, .2227, .2228
S_1820,182.034 {485},Y_2243,ppm, 222.3,.0615,.0277, 222.4, 222.3
Sb2068,206.833 {463},Y_2243,ppm, -.0072,.0005,6.562, -.0075, -.0068
Se1960,196.090 {472},Y_2243,ppm, .0107,.0000,.2607, .0107, .0107
Si2516,251.611 {134},Y_3710,ppm, 29.86,.0084,.0283, 29.86, 29.85
Sn1899,189.989 {477},In2306,ppm, .0446,.0015,3.338, .0435, .0457
Sr4215,421.552 { 80},Y_3710,ppm, 3.896,.0036,.0926, 3.898, 3.893
Ti3349,334.904 {101},Y_3600,ppm, .3274,.0140,4.267, .3373, .3175
Tl1908,190.856 {477},In2306,ppm, -.0110,.0002,2.039, -.0111, -.0108
V_2924,292.402 {115},Y_3600,ppm, .5551,.0251,4.529, .5729, .5374
Zn2062,206.200 {463},In2306,ppm, .7079,.0031,.4315, .7057, .7100

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 356.82,.67326,.18868,357.30,356.34
In2306,230.606 {446},Cts/S, 10536.,20.830,.19770,10551.,10522.
Y_2243,224.306 {450},Cts/S, 20271.,32.948,.16253,20295.,20248.
Y_3600,360.073 { 94},Cts/S, 152820.,5695.2,3.7268,148790.,156840.
Y_3710,371.030 { 91},Cts/S, 21472.,4.4987,.02095,21476.,21469.

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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
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Al3082,308.215 {109},In2306,ppm, 356.7,4.843,1.358, 353.3, 360.1
As1890,189.042 {478},Y_2243,ppm, .9504,.0053,.5566, .9467, .9541
B_2496,249.678 {135},Y_3710,ppm, 1.027,.0131,1.275, 1.018, 1.036
Ba4554,455.403 { 74},Y_3710,ppm, 3.473,.0375,1.081, 3.446, 3.499
Be3130,313.042 {108},Y_3710,ppm, .4120,.0035,.8479, .4095, .4144
Ca3158,315.887 {107},In2306,ppm, 1365.,31.59,2.315, 1342., 1387.
Ca3181,318.128 {106},In2306,ppm, 1453.,20.55,1.414, 1439., 1468.
Cd2288,228.802 {447},Y_2243,ppm, .4239,.0034,.8078, .4215, .4263
Co2286,228.616 {447},In2306,ppm, 1.204,.0141,1.175, 1.194, 1.214
Cr2677,267.716 {126},Y_3600,ppm, 1.067,.0159,1.491, 1.078, 1.055
Cu3247,324.754 {104},Y_3600,ppm, 1.131,.0236,2.084, 1.148, 1.115
Fe2404,240.488 {140},In2306,ppm, 266.3,3.833,1.439, 263.6, 269.1
K_7664,766.490 { 44},Y_3710,ppm, 30.61,.2524,.8245, 30.43, 30.79
K_7698,769.896 { 44},Y_3710,ppm, 30.43,.2780,.9138, 30.23, 30.62
Li6707,670.784 { 50},Y_3710,ppm, .9711,.0064,.6580, .9666, .9756
Mg2790,279.079 {121},Y_3710,ppm, 43.17,.5918,1.371, 42.75, 43.59
Mn2576,257.610 {131},Y_3600,ppm, 15.01,.0034,.0226, 15.02, 15.01
Mn2576-2,257.610 {131}2,Y_3710,ppm, 15.11,.1333,.8824, 15.01, 15.20
Mo2020,202.030 {467},Y_2243,ppm, .7604,.0058,.7575, .7564, .7645
Na5895,589.592 { 57},Y_3710,ppm, 10.61,.0860,.8098, 10.55, 10.67
Na8183,818.326 { 41},Y_3710,ppm, 11.13,.2518,2.263, 10.95, 11.31
Ni2316,231.604 {445},In2306,ppm, 1.370,.0136,.9892, 1.361, 1.380
P_1782,178.284 {489},In2306,ppm, 6.616,.0494,.7464, 6.581, 6.651
Pb2203,220.353 {453},In2306,ppm, 1.221,.0073,.5952, 1.216, 1.226
S_1820,182.034 {485},Y_2243,ppm, 274.7,1.546,.5629, 273.6, 275.8
Sb2068,206.833 {463},Y_2243,ppm, .7950,.0093,1.169, .7884, .8015
Se1960,196.090 {472},Y_2243,ppm, .8212,.0095,1.155, .8145, .8279
Si2516,251.611 {134},Y_3710,ppm, 31.71,.0792,.2497, 31.65, 31.76
Sn1899,189.989 {477},In2306,ppm, 1.048,.0077,.7392, 1.042, 1.053
Sr4215,421.552 { 80},Y_3710,ppm, 3.299,.0295,.8931, 3.278, 3.320
Ti3349,334.904 {101},Y_3600,ppm, 1.280,.0277,2.163, 1.300, 1.261
Tl1908,190.856 {477},In2306,ppm, .8955,.0071,.7901, .8905, .9005
V_2924,292.402 {115},Y_3600,ppm, 1.493,.0259,1.736, 1.511, 1.475
Zn2062,206.200 {463},In2306,ppm, 1.824,.0219,1.198, 1.809, 1.840

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 368.52,4.6252,1.2551,371.79,365.24
In2306,230.606 {446},Cts/S, 10866.,82.797,.76201,10924.,10807.
Y_2243,224.306 {450},Cts/S, 20900.,101.22,.48430,20971.,20828.
Y_3600,360.073 { 94},Cts/S, 157770.,2002.2,1.2690,156360.,159190.
Y_3710,371.030 { 91},Cts/S, 22721.,211.26,.92978,22871.,22572.

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Al3082,308.215 {109},In2306,ppm, 68.22,.4538,.6652, 68.54, 67.90
As1890,189.042 {478},Y_2243,ppm, .0289,.0010,3.394, .0282, .0296
B_2496,249.678 {135},Y_3710,ppm, .0566,.0033,5.825, .0543, .0589
Ba4554,455.403 { 74},Y_3710,ppm, .6278,.0009,.1355, .6284, .6272
Be3130,313.042 {108},Y_3710,ppm, .0041,.0003,7.739, .0043, .0038
Ca3158,315.887 {107},In2306,ppm, 289.8,2.421,.8356, 291.5, 288.1
Ca3181,318.128 {106},In2306,ppm, 288.1,2.008,.6970, 289.5, 286.7
Cd2288,228.802 {447},Y_2243,ppm, .0014,.0004,25.86, .0012, .0017
Co2286,228.616 {447},In2306,ppm, .0393,.0014,3.632, .0383, .0404
Cr2677,267.716 {126},Y_3600,ppm, .0619,.0007,1.142, .0614, .0624
Cu3247,324.754 {104},Y_3600,ppm, .0561,.0008,1.460, .0566, .0555
Fe2404,240.488 {140},In2306,ppm, 52.57,.4255,.8093, 52.87, 52.27
K_7664,766.490 { 44},Y_3710,ppm, 5.389,.0330,.6129, 5.412, 5.365
K_7698,769.896 { 44},Y_3710,ppm, 5.411,.0103,.1913, 5.419, 5.404
Li6707,670.784 { 50},Y_3710,ppm, .0366,.0002,.4119, .0367, .0365
Mg2790,279.079 {121},Y_3710,ppm, 9.013,.0254,.2816, 9.031, 8.995
Mn2576,257.610 {131},Y_3600,ppm, 3.608,.0260,.7195, 3.589, 3.626
Mn2576-2,257.610 {131}2,Y_3710,ppm, 3.550,.0210,.5920, 3.565, 3.535
Mo2020,202.030 {467},Y_2243,ppm, .0021,.0008,39.24, .0015, .0027
Na5895,589.592 { 57},Y_3710,ppm, .5863,.0113,1.933, .5783, .5943
Na8183,818.326 { 41},Y_3710,ppm, .8374,.3356,40.07, 1.075, .6001
Ni2316,231.604 {445},In2306,ppm, .0776,.0012,1.584, .0767, .0785
P_1782,178.284 {489},In2306,ppm, 1.014,.0128,1.262, 1.005, 1.023
Pb2203,220.353 {453},In2306,ppm, .0537,.0001,.1091, .0537, .0538
S_1820,182.034 {485},Y_2243,ppm, 60.92,.1309,.2149, 60.82, 61.01
Sb2068,206.833 {463},Y_2243,ppm, .0024,.0040,165.1, -.0004, .0052
Se1960,196.090 {472},Y_2243,ppm, .0040,.0008,20.22, .0034, .0046
Si2516,251.611 {134},Y_3710,ppm, 7.459,.0266,.3565, 7.478, 7.440
Sn1899,189.989 {477},In2306,ppm, .0098,.0016,16.04, .0087, .0109
Sr4215,421.552 { 80},Y_3710,ppm, .6867,.0020,.2928, .6881, .6853
Ti3349,334.904 {101},Y_3600,ppm, .0934,.0022,2.404, .0950, .0918
Tl1908,190.856 {477},In2306,ppm, -.0046,.0006,12.81, -.0042, -.0050
V_2924,292.402 {115},Y_3600,ppm, .1503,.0016,1.050, .1492, .1514
Zn2062,206.200 {463},In2306,ppm, .1657,.0025,1.511, .1639, .1675

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 390.07,6.6495,1.7047,385.37,394.77
In2306,230.606 {446},Cts/S, 13049.,99.970,.76613,13119.,12978.
Y_2243,224.306 {450},Cts/S, 20390.,154.68,.75861,20499.,20280.
Y_3600,360.073 { 94},Cts/S, 155360.,1447.4,.93163,156380.,154340.
Y_3710,371.030 { 91},Cts/S, 19658.,243.43,1.2383,19486.,19830.

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As1890,189.042 {478},Y_2243,ppm, .0038,.0016,43.10, .0026, .0049
B_2496,249.678 {135},Y_3710,ppm, .0280,.0076,27.24, .0334, .0226
Ba4554,455.403 { 74},Y_3710,ppm, .0514,.0004,.7407, .0516, .0511
Be3130,313.042 {108},Y_3710,ppm, -.0001,.0001,90.15, .0000, -.0002
Ca3158,315.887 {107},In2306,ppm, 4.061,.0981,2.416, 4.130, 3.992
Ca3181,318.128 {106},In2306,ppm, 4.186,.0584,1.395, 4.227, 4.145
Cd2288,228.802 {447},Y_2243,ppm, .0030,.0001,2.662, .0031, .0030
Co2286,228.616 {447},In2306,ppm, .0112,.0000,.2334, .0112, .0112
Cr2677,267.716 {126},Y_3600,ppm, 9.953,.0435,.4371, 9.983, 9.922
Cu3247,324.754 {104},Y_3600,ppm, .4100,.0023,.5689, .4116, .4083
Fe2404,240.488 {140},In2306,ppm, 73.34,.1248,.1702, 73.25, 73.42
K_7664,766.490 { 44},Y_3710,ppm, .7453,.0033,.4408, .7430, .7476
K_7698,769.896 { 44},Y_3710,ppm, .7225,.0896,12.40, .7858, .6591
Li6707,670.784 { 50},Y_3710,ppm, .0025,.0002,9.407, .0027, .0024
Mg2790,279.079 {121},Y_3710,ppm, .5550,.0311,5.605, .5770, .5330
Mn2576,257.610 {131},Y_3600,ppm, .7920,.0081,1.020, .7977, .7863
Mn2576-2,257.610 {131}2,Y_3710,ppm, .7636,.0006,.0750, .7632, .7640
Mo2020,202.030 {467},Y_2243,ppm, .5874,.0033,.5640, .5897, .5850
Na5895,589.592 { 57},Y_3710,ppm, .7532,.0047,.6250, .7498, .7565
Na8183,818.326 { 41},Y_3710,ppm, 1.090,.1965,18.02, .9514, 1.229
Ni2316,231.604 {445},In2306,ppm, 4.039,.0128,.3163, 4.048, 4.030
P_1782,178.284 {489},In2306,ppm, .5212,.0007,.1301, .5207, .5216
Pb2203,220.353 {453},In2306,ppm, .0247,.0001,.2377, .0248, .0247
S_1820,182.034 {485},Y_2243,ppm, 770.3,2.014,.2615, 771.8, 768.9
Sb2068,206.833 {463},Y_2243,ppm, -.0494,.0012,2.343, -.0503, -.0486
Se1960,196.090 {472},Y_2243,ppm, .0010,.0016,159.7, -.0001, .0021
Si2516,251.611 {134},Y_3710,ppm, .5336,.0046,.8548, .5368, .5304
Sn1899,189.989 {477},In2306,ppm, .0168,.0001,.3578, .0169, .0168
Sr4215,421.552 { 80},Y_3710,ppm, .0305,.0005,1.598, .0309, .0302
Ti3349,334.904 {101},Y_3600,ppm, .0482,.0003,.5760, .0484, .0480
Tl1908,190.856 {477},In2306,ppm, -.0012,.0006,49.71, -.0016, -.0008
V_2924,292.402 {115},Y_3600,ppm, .0511,.0005,.9327, .0514, .0507
Zn2062,206.200 {463},In2306,ppm, 3.842,.0085,.2207, 3.848, 3.836

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 405.30,1.5843,.39088,406.42,404.18
In2306,230.606 {446},Cts/S, 14907.,17.739,.11899,14895.,14920.
Y_2243,224.306 {450},Cts/S, 20319.,36.309,.17869,20294.,20345.
Y_3600,360.073 { 94},Cts/S, 158710.,1525.9,.96145,157630.,159790.
Y_3710,371.030 { 91},Cts/S, 19472.,42.306,.21727,19442.,19502.

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[Results]
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Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .2490,.0007,.2718, .2485, .2494
Al3082,308.215 {109},In2306,ppm, 2.398,.0067,.2774, 2.393, 2.403
As1890,189.042 {478},Y_2243,ppm, .4688,.0008,.1668, .4682, .4693
B_2496,249.678 {135},Y_3710,ppm, .4901,.0020,.3991, .4887, .4915
Ba4554,455.403 { 74},Y_3710,ppm, .4769,.0004,.0872, .4766, .4772
Be3130,313.042 {108},Y_3710,ppm, .4852,.0019,.3957, .4839, .4866
Ca3158,315.887 {107},In2306,ppm, 11.77,.0344,.2919, 11.74, 11.79
Ca3181,318.128 {106},In2306,ppm, 12.18,.0101,.0833, 12.17, 12.19
Cd2288,228.802 {447},Y_2243,ppm, .4777,.0025,.5236, .4759, .4795
Co2286,228.616 {447},In2306,ppm, .4836,.0018,.3702, .4824, .4849
Cr2677,267.716 {126},Y_3600,ppm, .4963,.0005,.1057, .4966, .4959
Cu3247,324.754 {104},Y_3600,ppm, .4888,.0021,.4235, .4903, .4874
Fe2404,240.488 {140},In2306,ppm, 2.462,.0032,.1315, 2.460, 2.464
K_7664,766.490 { 44},Y_3710,ppm, 12.08,.0228,.1885, 12.06, 12.10
K_7698,769.896 { 44},Y_3710,ppm, 12.07,.0144,.1194, 12.06, 12.08
Li6707,670.784 { 50},Y_3710,ppm, .4767,.0016,.3413, .4778, .4755
Mg2790,279.079 {121},Y_3710,ppm, 4.936,.0271,.5492, 4.955, 4.916
Mn2576,257.610 {131},Y_3600,ppm, .4893,.0008,.1547, .4899, .4888
Mn2576-2,257.610 {131}2,Y_3710,ppm, .4664,.0026,.5623, .4645, .4682
Mo2020,202.030 {467},Y_2243,ppm, .4737,.0007,.1413, .4742, .4732
Na5895,589.592 { 57},Y_3710,ppm, 11.99,.0482,.4016, 11.96, 12.03
Na8183,818.326 { 41},Y_3710,ppm, 12.01,.0881,.7337, 11.95, 12.07
Ni2316,231.604 {445},In2306,ppm, .4693,.0017,.3587, .4681, .4704
P_1782,178.284 {489},In2306,ppm, -.0003,.0001,40.19, -.0004, -.0002
Pb2203,220.353 {453},In2306,ppm, .4719,.0021,.4534, .4704, .4734
S_1820,182.034 {485},Y_2243,ppm, 115.5,.1997,.1729, 115.3, 115.6
Sb2068,206.833 {463},Y_2243,ppm, .4665,.0028,.6018, .4685, .4645
Se1960,196.090 {472},Y_2243,ppm, .4702,.0004,.0918, .4699, .4705
Si2516,251.611 {134},Y_3710,ppm, .9230,.0186,2.015, .9099, .9362
Sn1899,189.989 {477},In2306,ppm, .4971,.0019,.3823, .4958, .4984
Sr4215,421.552 { 80},Y_3710,ppm, .2399,.0012,.4924, .2391, .2407
Ti3349,334.904 {101},Y_3600,ppm, .5149,.0008,.1567, .5154, .5143
Tl1908,190.856 {477},In2306,ppm, .4907,.0056,1.134, .4868, .4947
V_2924,292.402 {115},Y_3600,ppm, .5068,.0002,.0411, .5070, .5067
Zn2062,206.200 {463},In2306,ppm, .4733,.0038,.7983, .4706, .4760

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 401.34,2.6790,.66751,399.44,403.23
In2306,230.606 {446},Cts/S, 14615.,68.809,.47082,14663.,14566.
Y_2243,224.306 {450},Cts/S, 20296.,69.151,.34071,20345.,20247.
Y_3600,360.073 { 94},Cts/S, 156330.,807.55,.51658,155760.,156900.
Y_3710,371.030 { 91},Cts/S, 19387.,141.55,.73016,19286.,19487.

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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0041,.0009,22.84, .0047, .0034
Al3082,308.215 {109},In2306,ppm, .1017,.0107,10.49, .1092, .0941
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As1890,189.042 {478},Y_2243,ppm, .0094,.0002,2.277, .0093, .0096
B_2496,249.678 {135},Y_3710,ppm, .0119,.0020,17.20, .0133, .0105
Ba4554,455.403 { 74},Y_3710,ppm, .0098,.0006,6.497, .0103, .0094
Be3130,313.042 {108},Y_3710,ppm, .0049,.0005,9.828, .0052, .0045
Ca3158,315.887 {107},In2306,ppm, .1565,.0138,8.820, .1663, .1468
Ca3181,318.128 {106},In2306,ppm, .1922,.0399,20.75, .2204, .1640
Cd2288,228.802 {447},Y_2243,ppm, .0051,.0003,5.180, .0049, .0053
Co2286,228.616 {447},In2306,ppm, .0096,.0004,4.341, .0093, .0099
Cr2677,267.716 {126},Y_3600,ppm, .0102,.0002,1.770, .0103, .0100
Cu3247,324.754 {104},Y_3600,ppm, .0082,.0004,4.424, .0085, .0080
Fe2404,240.488 {140},In2306,ppm, .1195,.0048,4.041, .1229, .1161
K_7664,766.490 { 44},Y_3710,ppm, .6248,.0882,14.12, .6872, .5624
K_7698,769.896 { 44},Y_3710,ppm, .5101,.0163,3.201, .4985, .5216
Li6707,670.784 { 50},Y_3710,ppm, .0109,.0025,22.55, .0126, .0092
Mg2790,279.079 {121},Y_3710,ppm, .0979,.0038,3.918, .1006, .0951
Mn2576,257.610 {131},Y_3600,ppm, .0107,.0001,.9746, .0107, .0106
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0108,.0009,7.869, .0115, .0102
Mo2020,202.030 {467},Y_2243,ppm, .0109,.0006,5.349, .0105, .0114
Na5895,589.592 { 57},Y_3710,ppm, .5986,.0257,4.292, .6167, .5804
Na8183,818.326 { 41},Y_3710,ppm, .7256,.1089,15.01, .8026, .6485
Ni2316,231.604 {445},In2306,ppm, .0098,.0004,4.314, .0095, .0101
P_1782,178.284 {489},In2306,ppm, .0083,.0006,7.753, .0079, .0088
Pb2203,220.353 {453},In2306,ppm, .0096,.0015,15.76, .0106, .0085
S_1820,182.034 {485},Y_2243,ppm, .6651,.2911,43.77, .8710, .4593
Sb2068,206.833 {463},Y_2243,ppm, .0143,.0004,2.553, .0141, .0146
Se1960,196.090 {472},Y_2243,ppm, .0083,.0005,6.166, .0079, .0086
Si2516,251.611 {134},Y_3710,ppm, .0185,.0066,35.62, .0138, .0231
Sn1899,189.989 {477},In2306,ppm, .0102,.0002,1.932, .0101, .0104
Sr4215,421.552 { 80},Y_3710,ppm, .0049,.0002,4.654, .0051, .0048
Ti3349,334.904 {101},Y_3600,ppm, .0101,.0001,1.152, .0101, .0100
Tl1908,190.856 {477},In2306,ppm, .0125,.0004,3.370, .0122, .0128
V_2924,292.402 {115},Y_3600,ppm, .0106,.0000,.4210, .0106, .0105
Zn2062,206.200 {463},In2306,ppm, .0094,.0001,1.394, .0093, .0094

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 418.64,3.4011,.81242,416.24,421.05
In2306,230.606 {446},Cts/S, 15436.,29.528,.19129,15416.,15457.
Y_2243,224.306 {450},Cts/S, 20575.,12.227,.05943,20583.,20566.
Y_3600,360.073 { 94},Cts/S, 159350.,390.84,.24528,159620.,159070.
Y_3710,371.030 { 91},Cts/S, 19726.,346.32,1.7556,19481.,19971.

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[Results]
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Al3082,308.215 {109},In2306,ppm, .0219,.0109,49.98, .0142, .0296
As1890,189.042 {478},Y_2243,ppm, .0002,.0003,133.8, .0004, .0000
B_2496,249.678 {135},Y_3710,ppm, .0006,.0004,57.53, .0004, .0009
Ba4554,455.403 { 74},Y_3710,ppm, -.0001,.0001,65.11, -.0001, -.0002

Be3130,313.042 {108},Y_3710,ppm, -.0001,.0001,70.57, -.0001, -.0002
Ca3158,315.887 {107},In2306,ppm, -.0059,.0002,3.727, -.0060, -.0057
Ca3181,318.128 {106},In2306,ppm, .0220,.0012,5.314, .0228, .0212
Cd2288,228.802 {447},Y_2243,ppm, .0000,.0001,219.1, -.0001, .0000
Co2286,228.616 {447},In2306,ppm, .0000,.0001,867.6, -.0001, .0001
Cr2677,267.716 {126},Y_3600,ppm, -.0002,.0002,90.67, -.0001, -.0003
Cu3247,324.754 {104},Y_3600,ppm, -.0005,.0005,115.3, -.0001, -.0008
Fe2404,240.488 {140},In2306,ppm, .0043,.0018,41.66, .0030, .0056
K_7664,766.490 { 44},Y_3710,ppm, -.0199,.0046,22.82, -.0232, -.0167
K_7698,769.896 { 44},Y_3710,ppm, -.0339,.0633,186.7, .0109, -.0787
Li6707,670.784 { 50},Y_3710,ppm, .0027,.0008,28.27, .0022, .0032
Mg2790,279.079 {121},Y_3710,ppm, -.0212,.0101,47.66, -.0141, -.0284
Mn2576,257.610 {131},Y_3600,ppm, .0001,.0000,6.344, .0001, .0001
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0006,.0002,28.26, .0005, .0007
Mo2020,202.030 {467},Y_2243,ppm, .0004,.0002,55.63, .0006, .0003
Na5895,589.592 { 57},Y_3710,ppm, .0065,.0029,44.41, .0085, .0044
Na8183,818.326 { 41},Y_3710,ppm, -.6130,.0577,9.406, -.5722, -.6538
Ni2316,231.604 {445},In2306,ppm, .0004,.0003,64.76, .0006, .0002
P_1782,178.284 {489},In2306,ppm, -.0010,.0002,21.93, -.0012, -.0008
Pb2203,220.353 {453},In2306,ppm, -.0003,.0006,215.8, -.0007, .0001
S_1820,182.034 {485},Y_2243,ppm, .5715,.2440,42.69, .7440, .3989
Sb2068,206.833 {463},Y_2243,ppm, .0036,.0001,1.592, .0035, .0036
Se1960,196.090 {472},Y_2243,ppm, -.0015,.0000,2.900, -.0014, -.0015
Si2516,251.611 {134},Y_3710,ppm, .0088,.0126,143.5, -.0001, .0177
Sn1899,189.989 {477},In2306,ppm, .0003,.0002,62.82, .0004, .0002
Sr4215,421.552 { 80},Y_3710,ppm, .0000,.0001,636.1, .0000, .0001
Ti3349,334.904 {101},Y_3600,ppm, -.0007,.0000,.4967, -.0007, -.0007
Tl1908,190.856 {477},In2306,ppm, -.0015,.0004,24.86, -.0012, -.0017
V_2924,292.402 {115},Y_3600,ppm, .0000,.0001,266.0, .0001, .0000
Zn2062,206.200 {463},In2306,ppm, -.0002,.0001,32.91, -.0002, -.0003

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 404.50,3.2178,.79548,402.23,406.78
In2306,230.606 {446},Cts/S, 15547.,125.90,.80978,15458.,15636.
Y_2243,224.306 {450},Cts/S, 20622.,143.49,.69580,20520.,20723.
Y_3600,360.073 { 94},Cts/S, 158610.,168.33,.10613,158720.,158490.
Y_3710,371.030 { 91},Cts/S, 19438.,210.11,1.0809,19289.,19586.

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Al3082,308.215 {109},In2306,ppm, 3.088,.0277,.8960, 3.068, 3.108
As1890,189.042 {478},Y_2243,ppm, .0012,.0017,143.9, .0024, .0000
B_2496,249.678 {135},Y_3710,ppm, -.0033,.0015,44.44, -.0023, -.0044
Ba4554,455.403 { 74},Y_3710,ppm, .0023,.0002,9.738, .0021, .0024
Be3130,313.042 {108},Y_3710,ppm, .0016,.0000,.3728, .0016, .0016
Ca3158,315.887 {107},In2306,ppm, 3.797,.0147,.3864, 3.787, 3.807

Ca3181,318.128 {106},In2306,ppm, 4.032,.0039,.0969, 4.029, 4.035
Cd2288,228.802 {447},Y_2243,ppm, .0002,.0000,20.67, .0002, .0002
Co2286,228.616 {447},In2306,ppm, .0193,.0002,.9113, .0191, .0194
Cr2677,267.716 {126},Y_3600,ppm, .0036,.0003,8.278, .0038, .0034
Cu3247,324.754 {104},Y_3600,ppm, .0005,.0002,45.39, .0003, .0007
Fe2404,240.488 {140},In2306,ppm, 7.456,.0405,.5428, 7.427, 7.484
K_7664,766.490 { 44},Y_3710,ppm, 4.155,.0075,.1809, 4.149, 4.160
K_7698,769.896 { 44},Y_3710,ppm, 4.094,.0509,1.243, 4.058, 4.130
Li6707,670.784 { 50},Y_3710,ppm, .0108,.0005,4.535, .0112, .0105
Mg2790,279.079 {121},Y_3710,ppm, 1.119,.0188,1.683, 1.132, 1.105
Mn2576,257.610 {131},Y_3600,ppm, 35.13,.1806,.5140, 35.26, 35.00
Mn2576-2,257.610 {131}2,Y_3710,ppm, 39.28,.1965,.5002, 39.14, 39.42
Mo2020,202.030 {467},Y_2243,ppm, -.0004,.0001,12.31, -.0005, -.0004
Na5895,589.592 { 57},Y_3710,ppm, 20.43,.0842,.4123, 20.37, 20.49
Na8183,818.326 { 41},Y_3710,ppm, 20.52,.0775,.3777, 20.46, 20.57
Ni2316,231.604 {445},In2306,ppm, .0054,.0002,4.373, .0053, .0056
P_1782,178.284 {489},In2306,ppm, .0474,.0001,.2858, .0473, .0475
Pb2203,220.353 {453},In2306,ppm, .0039,.0004,11.06, .0042, .0036
S_1820,182.034 {485},Y_2243,ppm, 6923.,29.25,.4226, 6902., 6944.
Sb2068,206.833 {463},Y_2243,ppm, -.0028,.0012,43.30, -.0037, -.0020
Se1960,196.090 {472},Y_2243,ppm, .0170,.0003,1.843, .0168, .0172
Si2516,251.611 {134},Y_3710,ppm, 2.253,.0195,.8657, 2.239, 2.267
Sn1899,189.989 {477},In2306,ppm, .0002,.0001,35.93, .0003, .0002
Sr4215,421.552 { 80},Y_3710,ppm, .0221,.0000,.0360, .0221, .0221
Ti3349,334.904 {101},Y_3600,ppm, -.0005,.0006,121.3, -.0009, -.0001
Tl1908,190.856 {477},In2306,ppm, -.0054,.0010,17.66, -.0061, -.0047
V_2924,292.402 {115},Y_3600,ppm, .0002,.0000,16.34, .0002, .0002
Zn2062,206.200 {463},In2306,ppm, .0059,.0001,1.086, .0060, .0059

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 399.43,1.4421,.36105,400.45,398.41
In2306,230.606 {446},Cts/S, 14669.,57.803,.39405,14710.,14628.
Y_2243,224.306 {450},Cts/S, 20453.,86.518,.42302,20514.,20392.
Y_3600,360.073 { 94},Cts/S, 154970.,802.07,.51757,154400.,155540.
Y_3710,371.030 { 91},Cts/S, 19651.,24.028,.12227,19668.,19634.

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[Results]
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Al3082,308.215 {109},In2306,ppm, 1.916,.0055,.2882, 1.920, 1.912
As1890,189.042 {478},Y_2243,ppm, .0004,.0006,141.1, .0000, .0009
B_2496,249.678 {135},Y_3710,ppm, .0027,.0040,148.6, -.0001, .0056
Ba4554,455.403 { 74},Y_3710,ppm, .0084,.0003,3.169, .0086, .0082
Be3130,313.042 {108},Y_3710,ppm, .0002,.0001,54.78, .0003, .0001
Ca3158,315.887 {107},In2306,ppm, 5.219,.0010,.0189, 5.218, 5.219
Ca3181,318.128 {106},In2306,ppm, 5.439,.0119,.2186, 5.447, 5.431
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0000,38.66, .0001, .0001
Co2286,228.616 {447},In2306,ppm, .0013,.0000,1.910, .0013, .0013

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Cu3247,324.754 {104},Y_3600,ppm, .0012,.0000,1.694, .0011, .0012
Fe2404,240.488 {140},In2306,ppm, .7180,.0005,.0759, .7176, .7184
K_7664,766.490 { 44},Y_3710,ppm, 3.089,.0170,.5489, 3.077, 3.101
K_7698,769.896 { 44},Y_3710,ppm, 3.070,.0009,.0292, 3.069, 3.070
Li6707,670.784 { 50},Y_3710,ppm, .0023,.0004,16.55, .0020, .0026
Mg2790,279.079 {121},Y_3710,ppm, .7147,.0174,2.436, .7024, .7270
Mn2576,257.610 {131},Y_3600,ppm, 14.05,.2809,1.999, 14.25, 13.85
Mn2576-2,257.610 {131}2,Y_3710,ppm, 14.07,.0132,.0941, 14.06, 14.08
Mo2020,202.030 {467},Y_2243,ppm, .0000,.0001,545.8, -.0001, .0001
Na5895,589.592 { 57},Y_3710,ppm, 78.17,.0879,.1125, 78.11, 78.23
Na8183,818.326 { 41},Y_3710,ppm, 78.14,.3530,.4518, 77.89, 78.39
Ni2316,231.604 {445},In2306,ppm, .0007,.0002,22.79, .0006, .0008
P_1782,178.284 {489},In2306,ppm, 1.167,.0120,1.028, 1.176, 1.159
Pb2203,220.353 {453},In2306,ppm, .0056,.0002,2.811, .0055, .0058
S_1820,182.034 {485},Y_2243,ppm, 7926.,72.56,.9155, 7977., 7875.
Sb2068,206.833 {463},Y_2243,ppm, -.0016,.0000,2.877, -.0016, -.0016
Se1960,196.090 {472},Y_2243,ppm, .0064,.0010,16.20, .0071, .0056
Si2516,251.611 {134},Y_3710,ppm, .9398,.0074,.7851, .9451, .9346
Sn1899,189.989 {477},In2306,ppm, .0001,.0002,310.5, -.0001, .0002
Sr4215,421.552 { 80},Y_3710,ppm, .0189,.0002,.8197, .0188, .0190
Ti3349,334.904 {101},Y_3600,ppm, .0071,.0008,10.80, .0077, .0066
Tl1908,190.856 {477},In2306,ppm, -.0055,.0004,6.650, -.0058, -.0052
V_2924,292.402 {115},Y_3600,ppm, .0146,.0006,3.864, .0150, .0142
Zn2062,206.200 {463},In2306,ppm, .0422,.0004,1.058, .0425, .0419

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 403.03,3.0531,.75754,400.87,405.19
In2306,230.606 {446},Cts/S, 14158.,59.902,.42310,14115.,14200.
Y_2243,224.306 {450},Cts/S, 20200.,99.572,.49294,20129.,20270.
Y_3600,360.073 { 94},Cts/S, 151070.,3092.5,2.0471,148880.,153250.
Y_3710,371.030 { 91},Cts/S, 19404.,24.778,.12769,19387.,19422.

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[Results]
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Ag3280,328.068 {103},Y_3600,ppm, .0000,.0003,926.2, .0002, -.0002
Al3082,308.215 {109},In2306,ppm, 1.005,.0115,1.141, 1.013, .9972
As1890,189.042 {478},Y_2243,ppm, .0008,.0001,10.98, .0007, .0009
B_2496,249.678 {135},Y_3710,ppm, -.0009,.0011,123.8, -.0017, -.0001
Ba4554,455.403 { 74},Y_3710,ppm, .0029,.0001,4.075, .0030, .0028
Be3130,313.042 {108},Y_3710,ppm, .0006,.0001,20.43, .0007, .0005
Ca3158,315.887 {107},In2306,ppm, 2.448,.0069,.2807, 2.453, 2.443
Ca3181,318.128 {106},In2306,ppm, 2.599,.0478,1.840, 2.633, 2.565
Cd2288,228.802 {447},Y_2243,ppm, .0000,.0000,134.4, -.0001, .0000
Co2286,228.616 {447},In2306,ppm, .0133,.0001,.6988, .0134, .0132
Cr2677,267.716 {126},Y_3600,ppm, .0004,.0003,65.78, .0006, .0002
Cu3247,324.754 {104},Y_3600,ppm, .0006,.0002,34.88, .0004, .0007
Fe2404,240.488 {140},In2306,ppm, 1.708,.0178,1.045, 1.721, 1.695
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K_7664,766.490 { 44},Y_3710,ppm, 1.684,.0099,.5883, 1.677, 1.691
K_7698,769.896 { 44},Y_3710,ppm, 1.606,.0052,.3224, 1.602, 1.610
Li6707,670.784 { 50},Y_3710,ppm, .0064,.0013,20.24, .0073, .0055
Mg2790,279.079 {121},Y_3710,ppm, .4285,.0214,5.003, .4133, .4436
Mn2576,257.610 {131},Y_3600,ppm, 7.615,.0317,.4160, 7.638, 7.593
Mn2576-2,257.610 {131}2,Y_3710,ppm, 7.310,.0168,.2298, 7.322, 7.298
Mo2020,202.030 {467},Y_2243,ppm, -.0002,.0001,29.38, -.0002, -.0003
Na5895,589.592 { 57},Y_3710,ppm, 7.495,.0236,.3152, 7.512, 7.478
Na8183,818.326 { 41},Y_3710,ppm, 7.571,.1060,1.399, 7.646, 7.496
Ni2316,231.604 {445},In2306,ppm, .0038,.0002,5.768, .0039, .0036
P_1782,178.284 {489},In2306,ppm, .0538,.0017,3.171, .0526, .0550
Pb2203,220.353 {453},In2306,ppm, .0021,.0006,29.40, .0017, .0026
S_1820,182.034 {485},Y_2243,ppm, 2141.,4.414,.2062, 2144., 2137.
Sb2068,206.833 {463},Y_2243,ppm, -.0005,.0015,303.3, -.0015, .0006
Se1960,196.090 {472},Y_2243,ppm, .0022,.0003,12.80, .0020, .0024
Si2516,251.611 {134},Y_3710,ppm, 1.125,.0016,.1440, 1.124, 1.127
Sn1899,189.989 {477},In2306,ppm, .0003,.0003,103.7, .0001, .0005
Sr4215,421.552 { 80},Y_3710,ppm, .0123,.0001,.5295, .0122, .0123
Ti3349,334.904 {101},Y_3600,ppm, .0000,.0001,422.9, .0000, -.0001
Tl1908,190.856 {477},In2306,ppm, -.0061,.0015,25.49, -.0050, -.0072
V_2924,292.402 {115},Y_3600,ppm, .0026,.0006,25.09, .0021, .0030
Zn2062,206.200 {463},In2306,ppm, .0056,.0000,.3835, .0056, .0056

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 403.59,4.7782,1.1839,400.21,406.96
In2306,230.606 {446},Cts/S, 15071.,44.962,.29833,15103.,15039.
Y_2243,224.306 {450},Cts/S, 20670.,18.013,.08714,20683.,20657.
Y_3600,360.073 { 94},Cts/S, 155570.,880.85,.56622,154940.,156190.
Y_3710,371.030 { 91},Cts/S, 19568.,160.17,.81853,19455.,19681.

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Ag3280,328.068 {103},Y_3600,ppm, -.0020,.0004,17.92, -.0018, -.0023
Al3082,308.215 {109},In2306,ppm, 8.162,.0569,.6969, 8.202, 8.122
As1890,189.042 {478},Y_2243,ppm, .0020,.0002,10.69, .0022, .0019
B_2496,249.678 {135},Y_3710,ppm, .0001,.0011,1824., -.0007, .0008
Ba4554,455.403 { 74},Y_3710,ppm, .0014,.0002,14.39, .0013, .0016
Be3130,313.042 {108},Y_3710,ppm, .0054,.0001,1.991, .0055, .0054
Ca3158,315.887 {107},In2306,ppm, 3.853,.0033,.0844, 3.855, 3.851
Ca3181,318.128 {106},In2306,ppm, 4.091,.0406,.9921, 4.062, 4.119
Cd2288,228.802 {447},Y_2243,ppm, .0052,.0001,1.417, .0051, .0052
Co2286,228.616 {447},In2306,ppm, .2371,.0010,.4395, .2363, .2378
Cr2677,267.716 {126},Y_3600,ppm, .0031,.0001,4.024, .0032, .0030
Cu3247,324.754 {104},Y_3600,ppm, .0141,.0001,.8608, .0140, .0142
Fe2404,240.488 {140},In2306,ppm, .8204,.0075,.9089, .8151, .8256
K_7664,766.490 { 44},Y_3710,ppm, 1.928,.0195,1.009, 1.942, 1.914
K_7698,769.896 { 44},Y_3710,ppm, 1.815,.0050,.2743, 1.811, 1.818
Li6707,670.784 { 50},Y_3710,ppm, .0154,.0000,.0627, .0154, .0155
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Mg2790,279.079 {121},Y_3710,ppm, 1.409,.0125,.8859, 1.418, 1.400
Mn2576,257.610 {131},Y_3600,ppm, 10.99,.0431,.3919, 11.02, 10.96
Mn2576-2,257.610 {131}2,Y_3710,ppm, 10.83,.0028,.0260, 10.83, 10.84
Mo2020,202.030 {467},Y_2243,ppm, -.0003,.0001,34.10, -.0004, -.0002
Na5895,589.592 { 57},Y_3710,ppm, 17.11,.0321,.1877, 17.14, 17.09
Na8183,818.326 { 41},Y_3710,ppm, 17.26,.0578,.3348, 17.22, 17.30
Ni2316,231.604 {445},In2306,ppm, .0355,.0006,1.803, .0351, .0360
P_1782,178.284 {489},In2306,ppm, .0308,.0014,4.553, .0318, .0299
Pb2203,220.353 {453},In2306,ppm, .0070,.0000,.1305, .0070, .0070
S_1820,182.034 {485},Y_2243,ppm, 4650.,23.74,.5106, 4633., 4667.
Sb2068,206.833 {463},Y_2243,ppm, -.0020,.0014,69.31, -.0031, -.0010
Se1960,196.090 {472},Y_2243,ppm, .0028,.0009,33.08, .0035, .0022
Si2516,251.611 {134},Y_3710,ppm, 2.852,.0039,.1358, 2.855, 2.849
Sn1899,189.989 {477},In2306,ppm, .0001,.0003,444.5, -.0002, .0003
Sr4215,421.552 { 80},Y_3710,ppm, .0200,.0001,.6868, .0201, .0199
Ti3349,334.904 {101},Y_3600,ppm, -.0004,.0003,87.73, -.0006, -.0001
Tl1908,190.856 {477},In2306,ppm, -.0080,.0015,18.32, -.0070, -.0091
V_2924,292.402 {115},Y_3600,ppm, .0052,.0004,8.468, .0049, .0055
Zn2062,206.200 {463},In2306,ppm, 3.516,.0165,.4696, 3.504, 3.527

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 398.12,.72638,.18245,398.64,397.61
In2306,230.606 {446},Cts/S, 14983.,52.785,.35229,15021.,14946.
Y_2243,224.306 {450},Cts/S, 21378.,45.634,.21347,21410.,21345.
Y_3600,360.073 { 94},Cts/S, 158430.,68.346,.04314,158470.,158380.
Y_3710,371.030 { 91},Cts/S, 19982.,126.27,.63195,19892.,20071.

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Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0014,.0008,53.78, .0019, .0009
Al3082,308.215 {109},In2306,ppm, 3.072,.0390,1.271, 3.044, 3.099
As1890,189.042 {478},Y_2243,ppm, .0006,.0004,77.55, .0003, .0009
B_2496,249.678 {135},Y_3710,ppm, .0032,.0062,196.3, -.0012, .0075
Ba4554,455.403 { 74},Y_3710,ppm, .0022,.0001,4.587, .0023, .0021
Be3130,313.042 {108},Y_3710,ppm, .0017,.0001,5.562, .0017, .0016
Ca3158,315.887 {107},In2306,ppm, 3.767,.0625,1.659, 3.723, 3.811
Ca3181,318.128 {106},In2306,ppm, 4.043,.0734,1.817, 3.991, 4.094
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0000,8.987, .0001, .0001
Co2286,228.616 {447},In2306,ppm, .0196,.0001,.6972, .0195, .0197
Cr2677,267.716 {126},Y_3600,ppm, .0034,.0006,18.68, .0030, .0039
Cu3247,324.754 {104},Y_3600,ppm, .0013,.0000,3.155, .0013, .0013
Fe2404,240.488 {140},In2306,ppm, 7.524,.1201,1.597, 7.439, 7.609
K_7664,766.490 { 44},Y_3710,ppm, 4.224,.0522,1.237, 4.187, 4.261
K_7698,769.896 { 44},Y_3710,ppm, 4.170,.0293,.7031, 4.149, 4.190
Li6707,670.784 { 50},Y_3710,ppm, .0088,.0002,2.766, .0086, .0090
Mg2790,279.079 {121},Y_3710,ppm, 1.101,.0302,2.742, 1.079, 1.122
Mn2576,257.610 {131},Y_3600,ppm, 35.13,.5905,1.681, 34.72, 35.55
Mn2576-2,257.610 {131}2,Y_3710,ppm, 38.98,.2554,.6552, 38.79, 39.16
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Mo2020,202.030 {467},Y_2243,ppm, -.0005,.0001,24.48, -.0006, -.0004
Na5895,589.592 { 57},Y_3710,ppm, 20.50,.1299,.6335, 20.41, 20.59
Na8183,818.326 { 41},Y_3710,ppm, 20.61,.0597,.2896, 20.57, 20.65
Ni2316,231.604 {445},In2306,ppm, .0053,.0001,1.580, .0054, .0053
P_1782,178.284 {489},In2306,ppm, .0483,.0001,.1236, .0482, .0483
Pb2203,220.353 {453},In2306,ppm, .0035,.0006,17.64, .0030, .0039
S_1820,182.034 {485},Y_2243,ppm, 6893.,55.35,.8030, 6932., 6854.
Sb2068,206.833 {463},Y_2243,ppm, -.0027,.0003,9.530, -.0029, -.0025
Se1960,196.090 {472},Y_2243,ppm, .0192,.0001,.7689, .0193, .0191
Si2516,251.611 {134},Y_3710,ppm, 2.205,.0381,1.730, 2.178, 2.232
Sn1899,189.989 {477},In2306,ppm, -.0002,.0004,169.5, -.0005, .0000
Sr4215,421.552 { 80},Y_3710,ppm, .0217,.0001,.2455, .0217, .0218
Ti3349,334.904 {101},Y_3600,ppm, -.0004,.0001,26.28, -.0004, -.0003
Tl1908,190.856 {477},In2306,ppm, -.0044,.0014,32.02, -.0034, -.0054
V_2924,292.402 {115},Y_3600,ppm, .0004,.0006,138.9, .0008, .0000
Zn2062,206.200 {463},In2306,ppm, .0076,.0021,27.27, .0061, .0090

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 402.68,7.4908,1.8602,407.98,397.38
In2306,230.606 {446},Cts/S, 14667.,34.413,.23463,14643.,14691.
Y_2243,224.306 {450},Cts/S, 20672.,73.765,.35684,20620.,20724.
Y_3600,360.073 { 94},Cts/S, 154500.,1449.1,.93792,155530.,153480.
Y_3710,371.030 { 91},Cts/S, 19958.,232.89,1.1669,20123.,19793.

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Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0001,.0004,394.0, .0004, -.0002
Al3082,308.215 {109},In2306,ppm, .0121,.0236,194.7, .0288, -.0046
As1890,189.042 {478},Y_2243,ppm, .0004,.0003,71.36, .0002, .0005
B_2496,249.678 {135},Y_3710,ppm, .0019,.0001,3.456, .0019, .0020
Ba4554,455.403 { 74},Y_3710,ppm, .0012,.0000,2.769, .0012, .0012
Be3130,313.042 {108},Y_3710,ppm, .0001,.0001,96.80, .0002, .0000
Ca3158,315.887 {107},In2306,ppm, .0098,.0067,68.77, .0145, .0050
Ca3181,318.128 {106},In2306,ppm, .0525,.0006,1.184, .0521, .0530
Cd2288,228.802 {447},Y_2243,ppm, .0000,.0000,208.6, .0000, .0000
Co2286,228.616 {447},In2306,ppm, .0000,.0000,10.93, -.0001, .0000
Cr2677,267.716 {126},Y_3600,ppm, -.0002,.0000,24.62, -.0002, -.0002
Cu3247,324.754 {104},Y_3600,ppm, .0016,.0012,74.35, .0007, .0024
Fe2404,240.488 {140},In2306,ppm, .0107,.0020,18.66, .0121, .0093
K_7664,766.490 { 44},Y_3710,ppm, -.0014,.0252,1778., -.0192, .0164
K_7698,769.896 { 44},Y_3710,ppm, -.0697,.0486,69.73, -.0353, -.1041
Li6707,670.784 { 50},Y_3710,ppm, .0021,.0006,29.70, .0025, .0016
Mg2790,279.079 {121},Y_3710,ppm, -.0154,.0011,6.864, -.0147, -.0162
Mn2576,257.610 {131},Y_3600,ppm, .0014,.0002,17.13, .0016, .0012
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0017,.0002,14.77, .0015, .0018
Mo2020,202.030 {467},Y_2243,ppm, -.0001,.0001,97.51, .0000, -.0002
Na5895,589.592 { 57},Y_3710,ppm, .0342,.0042,12.33, .0372, .0312
Na8183,818.326 { 41},Y_3710,ppm, .1284,.0239,18.64, .1453, .1115
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Ni2316,231.604 {445},In2306,ppm, .0005,.0002,45.52, .0007, .0004
P_1782,178.284 {489},In2306,ppm, -.0008,.0002,24.86, -.0007, -.0010
Pb2203,220.353 {453},In2306,ppm, .0006,.0000,3.282, .0007, .0006
S_1820,182.034 {485},Y_2243,ppm, 9.005,7.960,88.40, 3.376, 14.63
Sb2068,206.833 {463},Y_2243,ppm, -.0011,.0008,75.92, -.0017, -.0005
Se1960,196.090 {472},Y_2243,ppm, -.0015,.0003,16.39, -.0014, -.0017
Si2516,251.611 {134},Y_3710,ppm, .0044,.0043,96.76, .0014, .0074
Sn1899,189.989 {477},In2306,ppm, .0003,.0000,13.12, .0003, .0003
Sr4215,421.552 { 80},Y_3710,ppm, .0001,.0000,9.678, .0001, .0001
Ti3349,334.904 {101},Y_3600,ppm, -.0006,.0003,43.46, -.0004, -.0008
Tl1908,190.856 {477},In2306,ppm, -.0019,.0004,20.69, -.0022, -.0016
V_2924,292.402 {115},Y_3600,ppm, .0003,.0003,91.50, .0005, .0001
Zn2062,206.200 {463},In2306,ppm, .0025,.0000,1.505, .0025, .0026

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 425.27,22.226,5.2263,409.55,440.98
In2306,230.606 {446},Cts/S, 15485.,4.8999,.03164,15482.,15489.
Y_2243,224.306 {450},Cts/S, 20796.,2.4705,.01188,20794.,20797.
Y_3600,360.073 { 94},Cts/S, 151990.,12642.,8.3179,143050.,160930.
Y_3710,371.030 { 91},Cts/S, 20433.,877.99,4.2970,19812.,21054.

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Al3082,308.215 {109},In2306,ppm, .0111,.0131,117.5, .0019, .0204
As1890,189.042 {478},Y_2243,ppm, -.0012,.0010,81.34, -.0005, -.0019
B_2496,249.678 {135},Y_3710,ppm, .0311,.0007,2.350, .0305, .0316
Ba4554,455.403 { 74},Y_3710,ppm, .0117,.0001,.4580, .0117, .0117
Be3130,313.042 {108},Y_3710,ppm, -.0001,.0001,49.00, -.0001, -.0002
Ca3158,315.887 {107},In2306,ppm, 26.45,.0537,.2030, 26.49, 26.41
Ca3181,318.128 {106},In2306,ppm, 27.77,.1061,.3821, 27.70, 27.85
Cd2288,228.802 {447},Y_2243,ppm, .0002,.0000,1.878, .0002, .0002
Co2286,228.616 {447},In2306,ppm, .0004,.0000,5.985, .0003, .0004
Cr2677,267.716 {126},Y_3600,ppm, -.0001,.0000,26.88, -.0001, -.0001
Cu3247,324.754 {104},Y_3600,ppm, .0018,.0006,36.85, .0022, .0013
Fe2404,240.488 {140},In2306,ppm, .3517,.0085,2.414, .3457, .3577
K_7664,766.490 { 44},Y_3710,ppm, .0507,.0249,49.21, .0683, .0331
K_7698,769.896 { 44},Y_3710,ppm, -.0791,.0686,86.70, -.1275, -.0306
Li6707,670.784 { 50},Y_3710,ppm, .0039,.0019,48.76, .0053, .0026
Mg2790,279.079 {121},Y_3710,ppm, 4.269,.0274,.6424, 4.250, 4.289
Mn2576,257.610 {131},Y_3600,ppm, .1836,.0054,2.916, .1798, .1873
Mn2576-2,257.610 {131}2,Y_3710,ppm, .1741,.0005,.2803, .1737, .1744
Mo2020,202.030 {467},Y_2243,ppm, .0002,.0001,42.41, .0001, .0002
Na5895,589.592 { 57},Y_3710,ppm, 7.689,.0058,.0752, 7.685, 7.693
Na8183,818.326 { 41},Y_3710,ppm, 7.616,.0746,.9796, 7.668, 7.563
Ni2316,231.604 {445},In2306,ppm, .0003,.0001,48.29, .0002, .0004
P_1782,178.284 {489},In2306,ppm, -.0001,.0004,311.1, .0002, -.0005
Pb2203,220.353 {453},In2306,ppm, .0002,.0005,275.9, .0005, -.0002

S_1820,182.034 {485},Y_2243,ppm, 25.85,.0172,.0665, 25.84, 25.86
Sb2068,206.833 {463},Y_2243,ppm, .0006,.0009,154.7, -.0001, .0013
Se1960,196.090 {472},Y_2243,ppm, -.0009,.0002,18.15, -.0008, -.0010
Si2516,251.611 {134},Y_3710,ppm, .0949,.0045,4.737, .0917, .0981
Sn1899,189.989 {477},In2306,ppm, .0001,.0005,423.7, -.0002, .0005
Sr4215,421.552 { 80},Y_3710,ppm, .1084,.0001,.1318, .1085, .1083
Ti3349,334.904 {101},Y_3600,ppm, -.0004,.0001,18.33, -.0004, -.0003
Tl1908,190.856 {477},In2306,ppm, -.0002,.0013,593.4, .0007, -.0011
V_2924,292.402 {115},Y_3600,ppm, -.0001,.0002,173.9, .0000, -.0003
Zn2062,206.200 {463},In2306,ppm, .0049,.0001,2.706, .0050, .0048

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 401.44,.58235,.14507,401.03,401.85
In2306,230.606 {446},Cts/S, 14822.,135.62,.91503,14726.,14918.
Y_2243,224.306 {450},Cts/S, 20529.,186.44,.90822,20397.,20660.
Y_3600,360.073 { 94},Cts/S, 154200.,2879.9,1.8676,156240.,152160.
Y_3710,371.030 { 91},Cts/S, 19505.,6.3446,.03253,19501.,19510.

[Sample Header]
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Custom ID2=
Custom ID3=
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Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0001,.0004,289.3, .0004, -.0001
Al3082,308.215 {109},In2306,ppm, .0064,.0166,261.7, .0181, -.0054
As1890,189.042 {478},Y_2243,ppm, .0004,.0008,194.9, .0009, -.0002
B_2496,249.678 {135},Y_3710,ppm, .0228,.0015,6.369, .0218, .0239
Ba4554,455.403 { 74},Y_3710,ppm, .0114,.0003,2.695, .0112, .0117
Be3130,313.042 {108},Y_3710,ppm, .0001,.0000,6.269, .0001, .0001
Ca3158,315.887 {107},In2306,ppm, 26.18,.2274,.8685, 26.02, 26.34
Ca3181,318.128 {106},In2306,ppm, 27.09,.2340,.8637, 26.92, 27.25
Cd2288,228.802 {447},Y_2243,ppm, .0002,.0000,6.006, .0002, .0002
Co2286,228.616 {447},In2306,ppm, .0004,.0001,16.86, .0004, .0003
Cr2677,267.716 {126},Y_3600,ppm, .0003,.0000,11.63, .0004, .0003
Cu3247,324.754 {104},Y_3600,ppm, .0012,.0006,49.70, .0008, .0017
Fe2404,240.488 {140},In2306,ppm, .3389,.0047,1.373, .3357, .3422
K_7664,766.490 { 44},Y_3710,ppm, .0960,.0092,9.618, .1026, .0895
K_7698,769.896 { 44},Y_3710,ppm, -.0200,.0151,75.26, -.0307, -.0094
Li6707,670.784 { 50},Y_3710,ppm, .0020,.0014,70.47, .0030, .0010
Mg2790,279.079 {121},Y_3710,ppm, 4.308,.0101,.2356, 4.315, 4.300
Mn2576,257.610 {131},Y_3600,ppm, .1914,.0113,5.886, .1993, .1834
Mn2576-2,257.610 {131}2,Y_3710,ppm, .1711,.0012,.6836, .1719, .1702
Mo2020,202.030 {467},Y_2243,ppm, -.0001,.0000,58.78, -.0001, .0000
Na5895,589.592 { 57},Y_3710,ppm, 7.733,.0230,.2969, 7.749, 7.717
Na8183,818.326 { 41},Y_3710,ppm, 7.727,.1742,2.255, 7.604, 7.850
Ni2316,231.604 {445},In2306,ppm, .0004,.0003,70.65, .0002, .0006
P_1782,178.284 {489},In2306,ppm, -.0007,.0014,210.3, -.0017, .0003
Pb2203,220.353 {453},In2306,ppm, .0000,.0006,1768., .0004, -.0005
S_1820,182.034 {485},Y_2243,ppm, 25.48,.4567,1.792, 25.81, 25.16
Sb2068,206.833 {463},Y_2243,ppm, -.0009,.0002,27.81, -.0007, -.0011
Se1960,196.090 {472},Y_2243,ppm, -.0020,.0009,46.53, -.0027, -.0014

Si2516,251.611 {134},Y_3710,ppm, .0948,.0036,3.781, .0973, .0922
Sn1899,189.989 {477},In2306,ppm, .0001,.0002,387.7, -.0001, .0002
Sr4215,421.552 { 80},Y_3710,ppm, .1078,.0002,.1885, .1080, .1077
Ti3349,334.904 {101},Y_3600,ppm, -.0003,.0004,137.1, -.0006, .0000
Tl1908,190.856 {477},In2306,ppm, -.0020,.0002,8.013, -.0019, -.0021
V_2924,292.402 {115},Y_3600,ppm, .0001,.0001,63.46, .0002, .0001
Zn2062,206.200 {463},In2306,ppm, .0047,.0000,.5734, .0047, .0047

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 402.78,2.7599,.68522,404.73,400.83
In2306,230.606 {446},Cts/S, 14747.,18.937,.12841,14761.,14734.
Y_2243,224.306 {450},Cts/S, 20420.,5.8999,.02889,20424.,20416.
Y_3600,360.073 { 94},Cts/S, 148330.,6814.9,4.5943,143520.,153150.
Y_3710,371.030 { 91},Cts/S, 19140.,35.028,.18301,19115.,19164.

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Custom ID2=
Custom ID3=
Run Time=3/27/2012 14:50:47
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
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Ag3280,328.068 {103},Y_3600,ppm, .0052,.0000,.5854, .0052, .0052
Al3082,308.215 {109},In2306,ppm, .0874,.0032,3.637, .0896, .0851
As1890,189.042 {478},Y_2243,ppm, .0109,.0007,6.175, .0105, .0114
B_2496,249.678 {135},Y_3710,ppm, .0372,.0040,10.68, .0400, .0344
Ba4554,455.403 { 74},Y_3710,ppm, .0217,.0001,.5106, .0216, .0218
Be3130,313.042 {108},Y_3710,ppm, .0052,.0002,3.765, .0051, .0054
Ca3158,315.887 {107},In2306,ppm, 26.09,.1368,.5244, 26.18, 25.99
Ca3181,318.128 {106},In2306,ppm, 27.40,.1779,.6492, 27.52, 27.27
Cd2288,228.802 {447},Y_2243,ppm, .0053,.0001,2.310, .0052, .0054
Co2286,228.616 {447},In2306,ppm, .0108,.0002,1.625, .0106, .0109
Cr2677,267.716 {126},Y_3600,ppm, .0112,.0004,3.663, .0115, .0109
Cu3247,324.754 {104},Y_3600,ppm, .0121,.0009,7.689, .0128, .0115
Fe2404,240.488 {140},In2306,ppm, .4486,.0027,.5992, .4505, .4467
K_7664,766.490 { 44},Y_3710,ppm, .1632,.0043,2.657, .1601, .1663
K_7698,769.896 { 44},Y_3710,ppm, .0946,.0153,16.20, .1055, .0838
Li6707,670.784 { 50},Y_3710,ppm, .0089,.0006,6.690, .0084, .0093
Mg2790,279.079 {121},Y_3710,ppm, 4.369,.0219,.5018, 4.354, 4.385
Mn2576,257.610 {131},Y_3600,ppm, .1966,.0010,.4921, .1973, .1959
Mn2576-2,257.610 {131}2,Y_3710,ppm, .1811,.0005,.2931, .1814, .1807
Mo2020,202.030 {467},Y_2243,ppm, .0102,.0002,1.790, .0101, .0103
Na5895,589.592 { 57},Y_3710,ppm, 7.771,.0228,.2936, 7.755, 7.787
Na8183,818.326 { 41},Y_3710,ppm, 7.671,.0930,1.212, 7.605, 7.737
Ni2316,231.604 {445},In2306,ppm, .0103,.0002,2.199, .0105, .0102
P_1782,178.284 {489},In2306,ppm, -.0012,.0005,38.84, -.0016, -.0009
Pb2203,220.353 {453},In2306,ppm, .0099,.0012,12.36, .0108, .0090
S_1820,182.034 {485},Y_2243,ppm, 25.49,.1924,.7549, 25.62, 25.35
Sb2068,206.833 {463},Y_2243,ppm, .0118,.0008,6.798, .0123, .0112
Se1960,196.090 {472},Y_2243,ppm, .0092,.0002,1.897, .0091, .0093
Si2516,251.611 {134},Y_3710,ppm, .1098,.0021,1.919, .1083, .1113
Sn1899,189.989 {477},In2306,ppm, .0109,.0002,1.516, .0110, .0108
Sr4215,421.552 { 80},Y_3710,ppm, .1131,.0001,.0610, .1132, .1131

Ti3349,334.904 {101},Y_3600,ppm, .0109,.0001,1.350, .0108, .0110
Tl1908,190.856 {477},In2306,ppm, .0104,.0007,6.451, .0100, .0109
V_2924,292.402 {115},Y_3600,ppm, .0114,.0007,5.996, .0109, .0119
Zn2062,206.200 {463},In2306,ppm, .0147,.0001,.7414, .0146, .0147

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 406.30,3.8360,.94412,403.59,409.01
In2306,230.606 {446},Cts/S, 14743.,12.329,.08362,14734.,14752.
Y_2243,224.306 {450},Cts/S, 20425.,5.8653,.02872,20430.,20421.
Y_3600,360.073 { 94},Cts/S, 152330.,45.223,.02969,152360.,152300.
Y_3710,371.030 { 91},Cts/S, 19478.,47.229,.24248,19445.,19511.

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0044,.0009,20.69, .0050, .0037
Al3082,308.215 {109},In2306,ppm, .1115,.0009,.7898, .1122, .1109
As1890,189.042 {478},Y_2243,ppm, .0111,.0002,1.949, .0109, .0112
B_2496,249.678 {135},Y_3710,ppm, .0413,.0018,4.431, .0400, .0426
Ba4554,455.403 { 74},Y_3710,ppm, .0220,.0001,.4174, .0221, .0219
Be3130,313.042 {108},Y_3710,ppm, .0052,.0000,.2092, .0052, .0052
Ca3158,315.887 {107},In2306,ppm, 26.24,.0693,.2642, 26.19, 26.29
Ca3181,318.128 {106},In2306,ppm, 27.47,.1069,.3893, 27.55, 27.40
Cd2288,228.802 {447},Y_2243,ppm, .0053,.0001,1.410, .0052, .0053
Co2286,228.616 {447},In2306,ppm, .0108,.0002,1.649, .0106, .0109
Cr2677,267.716 {126},Y_3600,ppm, .0110,.0000,.2741, .0110, .0111
Cu3247,324.754 {104},Y_3600,ppm, .0131,.0000,.1516, .0131, .0131
Fe2404,240.488 {140},In2306,ppm, .4424,.0016,.3538, .4435, .4413
K_7664,766.490 { 44},Y_3710,ppm, .1910,.0027,1.416, .1891, .1929
K_7698,769.896 { 44},Y_3710,ppm, .1470,.0335,22.80, .1233, .1707
Li6707,670.784 { 50},Y_3710,ppm, .0081,.0006,7.012, .0086, .0077
Mg2790,279.079 {121},Y_3710,ppm, 4.427,.0147,.3331, 4.438, 4.417
Mn2576,257.610 {131},Y_3600,ppm, .1974,.0009,.4535, .1968, .1980
Mn2576-2,257.610 {131}2,Y_3710,ppm, .1813,.0004,.2114, .1816, .1810
Mo2020,202.030 {467},Y_2243,ppm, .0100,.0000,.3593, .0100, .0101
Na5895,589.592 { 57},Y_3710,ppm, 7.896,.0166,.2098, 7.884, 7.907
Na8183,818.326 { 41},Y_3710,ppm, 7.877,.1584,2.010, 7.765, 7.989
Ni2316,231.604 {445},In2306,ppm, .0103,.0000,.2691, .0103, .0103
P_1782,178.284 {489},In2306,ppm, -.0013,.0007,57.26, -.0007, -.0018
Pb2203,220.353 {453},In2306,ppm, .0099,.0001,.9549, .0099, .0098
S_1820,182.034 {485},Y_2243,ppm, 24.90,.1953,.7846, 25.03, 24.76
Sb2068,206.833 {463},Y_2243,ppm, .0107,.0002,1.769, .0109, .0106
Se1960,196.090 {472},Y_2243,ppm, .0086,.0007,8.156, .0091, .0081
Si2516,251.611 {134},Y_3710,ppm, .1057,.0010,.9411, .1064, .1050
Sn1899,189.989 {477},In2306,ppm, .0110,.0002,1.464, .0109, .0111
Sr4215,421.552 { 80},Y_3710,ppm, .1136,.0004,.3250, .1134, .1139
Ti3349,334.904 {101},Y_3600,ppm, .0114,.0001,.7505, .0114, .0113
Tl1908,190.856 {477},In2306,ppm, .0090,.0003,3.257, .0088, .0092
V_2924,292.402 {115},Y_3600,ppm, .0112,.0002,2.003, .0114, .0111

Zn2062,206.200 {463},In2306,ppm, .0147,.0001,.5993, .0146, .0147

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 404.85,1.8238,.45050,403.56,406.14
In2306,230.606 {446},Cts/S, 14758.,61.218,.41481,14801.,14715.
Y_2243,224.306 {450},Cts/S, 20470.,65.499,.31998,20516.,20424.
Y_3600,360.073 { 94},Cts/S, 151320.,591.95,.39119,151740.,150900.
Y_3710,371.030 { 91},Cts/S, 19334.,9.3526,.04837,19327.,19340.

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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .2525,.0012,.4848, .2534, .2516
Al3082,308.215 {109},In2306,ppm, 2.374,.0059,.2471, 2.378, 2.369
As1890,189.042 {478},Y_2243,ppm, .4608,.0049,1.064, .4642, .4573
B_2496,249.678 {135},Y_3710,ppm, .4850,.0011,.2263, .4858, .4843
Ba4554,455.403 { 74},Y_3710,ppm, .4738,.0004,.0929, .4741, .4735
Be3130,313.042 {108},Y_3710,ppm, .4835,.0016,.3221, .4846, .4824
Ca3158,315.887 {107},In2306,ppm, 11.54,.0306,.2649, 11.56, 11.52
Ca3181,318.128 {106},In2306,ppm, 12.19,.0088,.0719, 12.20, 12.19
Cd2288,228.802 {447},Y_2243,ppm, .4711,.0014,.3058, .4721, .4701
Co2286,228.616 {447},In2306,ppm, .4844,.0022,.4532, .4859, .4828
Cr2677,267.716 {126},Y_3600,ppm, .5062,.0002,.0406, .5063, .5060
Cu3247,324.754 {104},Y_3600,ppm, .4970,.0006,.1149, .4974, .4966
Fe2404,240.488 {140},In2306,ppm, 2.422,.0006,.0228, 2.422, 2.422
K_7664,766.490 { 44},Y_3710,ppm, 12.16,.0299,.2455, 12.18, 12.14
K_7698,769.896 { 44},Y_3710,ppm, 12.01,.0619,.5153, 12.06, 11.97
Li6707,670.784 { 50},Y_3710,ppm, .4715,.0002,.0455, .4717, .4714
Mg2790,279.079 {121},Y_3710,ppm, 4.874,.0136,.2786, 4.865, 4.884
Mn2576,257.610 {131},Y_3600,ppm, .4956,.0023,.4675, .4973, .4940
Mn2576-2,257.610 {131}2,Y_3710,ppm, .4538,.0006,.1277, .4542, .4534
Mo2020,202.030 {467},Y_2243,ppm, .4579,.0041,.8960, .4608, .4550
Na5895,589.592 { 57},Y_3710,ppm, 11.94,.0140,.1172, 11.93, 11.95
Na8183,818.326 { 41},Y_3710,ppm, 11.89,.1328,1.117, 11.79, 11.98
Ni2316,231.604 {445},In2306,ppm, .4610,.0022,.4684, .4625, .4595
P_1782,178.284 {489},In2306,ppm, -.0016,.0003,15.83, -.0018, -.0014
Pb2203,220.353 {453},In2306,ppm, .4683,.0027,.5700, .4702, .4665
S_1820,182.034 {485},Y_2243,ppm, 110.5,1.058,.9580, 111.2, 109.7
Sb2068,206.833 {463},Y_2243,ppm, .4530,.0070,1.546, .4580, .4481
Se1960,196.090 {472},Y_2243,ppm, .4567,.0037,.8203, .4593, .4540
Si2516,251.611 {134},Y_3710,ppm, .8525,.0138,1.621, .8428, .8623
Sn1899,189.989 {477},In2306,ppm, .5033,.0019,.3729, .5047, .5020
Sr4215,421.552 { 80},Y_3710,ppm, .2343,.0010,.4453, .2351, .2336
Ti3349,334.904 {101},Y_3600,ppm, .5414,.0037,.6799, .5440, .5388
Tl1908,190.856 {477},In2306,ppm, .4970,.0056,1.134, .5010, .4930
V_2924,292.402 {115},Y_3600,ppm, .5271,.0015,.2775, .5281, .5261
Zn2062,206.200 {463},In2306,ppm, .4746,.0016,.3419, .4757, .4734

[Internal Standards]

```
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 401.98,.80224,.19957,402.55,401.41
In2306,230.606 {446},Cts/S, 14599.,12.266,.08402,14591.,14608.
Y_2243,224.306 {450},Cts/S, 20575.,29.826,.14497,20554.,20596.
Y_3600,360.073 { 94},Cts/S, 151490.,265.30,.17512,151300.,151680.
Y_3710,371.030 { 91},Cts/S, 19569.,21.612,.11044,19584.,19553.

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[Results]
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Al3082,308.215 {109},In2306,ppm, .1149,.0115,10.02, .1068, .1231
As1890,189.042 {478},Y_2243,ppm, .0096,.0001,1.398, .0097, .0095
B_2496,249.678 {135},Y_3710,ppm, .0067,.0059,87.46, .0108, .0026
Ba4554,455.403 { 74},Y_3710,ppm, .0102,.0001,1.026, .0103, .0101
Be3130,313.042 {108},Y_3710,ppm, .0050,.0001,1.522, .0051, .0050
Ca3158,315.887 {107},In2306,ppm, .0967,.0005,.5674, .0971, .0963
Ca3181,318.128 {106},In2306,ppm, .1365,.0036,2.601, .1390, .1340
Cd2288,228.802 {447},Y_2243,ppm, .0052,.0002,4.156, .0050, .0053
Co2286,228.616 {447},In2306,ppm, .0099,.0004,3.914, .0096, .0101
Cr2677,267.716 {126},Y_3600,ppm, .0099,.0002,2.514, .0100, .0097
Cu3247,324.754 {104},Y_3600,ppm, .0098,.0002,1.809, .0099, .0097
Fe2404,240.488 {140},In2306,ppm, .0997,.0064,6.422, .1042, .0952
K_7664,766.490 { 44},Y_3710,ppm, .6178,.0290,4.691, .6382, .5973
K_7698,769.896 { 44},Y_3710,ppm, .5016,.0306,6.095, .4800, .5232
Li6707,670.784 { 50},Y_3710,ppm, .0117,.0004,3.678, .0120, .0114
Mg2790,279.079 {121},Y_3710,ppm, .0793,.0085,10.78, .0732, .0853
Mn2576,257.610 {131},Y_3600,ppm, .0108,.0000,.0057, .0108, .0108
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0105,.0006,5.573, .0101, .0109
Mo2020,202.030 {467},Y_2243,ppm, .0108,.0003,2.590, .0106, .0110
Na5895,589.592 { 57},Y_3710,ppm, .6138,.0006,.1022, .6142, .6133
Na8183,818.326 { 41},Y_3710,ppm, .5248,.0945,18.00, .5916, .4580
Ni2316,231.604 {445},In2306,ppm, .0100,.0006,5.649, .0096, .0104
P_1782,178.284 {489},In2306,ppm, .0076,.0013,17.29, .0067, .0085
Pb2203,220.353 {453},In2306,ppm, .0101,.0007,6.556, .0096, .0106
S_1820,182.034 {485},Y_2243,ppm, .0560,.0247,44.10, .0735, .0386
Sb2068,206.833 {463},Y_2243,ppm, .0134,.0000,.3008, .0134, .0134
Se1960,196.090 {472},Y_2243,ppm, .0083,.0027,32.17, .0064, .0102
Si2516,251.611 {134},Y_3710,ppm, .0120,.0026,21.56, .0102, .0138
Sn1899,189.989 {477},In2306,ppm, .0109,.0009,8.072, .0103, .0115
Sr4215,421.552 { 80},Y_3710,ppm, .0050,.0001,2.570, .0051, .0049
Ti3349,334.904 {101},Y_3600,ppm, .0113,.0002,1.557, .0114, .0111
Tl1908,190.856 {477},In2306,ppm, .0123,.0014,11.47, .0113, .0133
V_2924,292.402 {115},Y_3600,ppm, .0111,.0002,1.598, .0110, .0112
Zn2062,206.200 {463},In2306,ppm, .0097,.0002,2.281, .0095, .0098

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 408.89,3.8251,.93549,406.18,411.59
In2306,230.606 {446},Cts/S, 15084.,63.580,.42150,15129.,15039.
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Y_2243,224.306 {450},Cts/S, 20409.,59.344,.29078,20451.,20367.
Y_3600,360.073 { 94},Cts/S, 152500.,140.77,.09231,152400.,152600.
Y_3710,371.030 { 91},Cts/S, 19481.,205.21,1.0534,19336.,19626.

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Mode=CONC
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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0001,.0005,675.2, -.0004, .0003
Al3082,308.215 {109},In2306,ppm, .0028,.0063,223.0, .0073, -.0016
As1890,189.042 {478},Y_2243,ppm, .0000,.0008,1636., -.0006, .0005
B_2496,249.678 {135},Y_3710,ppm, -.0051,.0024,48.07, -.0033, -.0068
Ba4554,455.403 { 74},Y_3710,ppm, .0002,.0001,32.24, .0002, .0001
Be3130,313.042 {108},Y_3710,ppm, .0000,.0000,22.18, .0000, -.0001
Ca3158,315.887 {107},In2306,ppm, -.0127,.0045,35.76, -.0159, -.0095
Ca3181,318.128 {106},In2306,ppm, .0355,.0010,2.923, .0362, .0347
Cd2288,228.802 {447},Y_2243,ppm, .0000,.0000,76.86, .0000, .0000
Co2286,228.616 {447},In2306,ppm, -.0001,.0002,261.2, .0001, -.0002
Cr2677,267.716 {126},Y_3600,ppm, -.0002,.0000,17.12, -.0002, -.0002
Cu3247,324.754 {104},Y_3600,ppm, -.0021,.0004,17.66, -.0018, -.0024
Fe2404,240.488 {140},In2306,ppm, -.0020,.0037,186.5, -.0046, .0006
K_7664,766.490 { 44},Y_3710,ppm, .0044,.0294,665.5, -.0164, .0252
K_7698,769.896 { 44},Y_3710,ppm, -.0558,.0309,55.42, -.0777, -.0339
Li6707,670.784 { 50},Y_3710,ppm, .0029,.0015,52.70, .0039, .0018
Mg2790,279.079 {121},Y_3710,ppm, -.0368,.0196,53.09, -.0230, -.0507
Mn2576,257.610 {131},Y_3600,ppm, .0001,.0000,46.80, .0001, .0001
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0008,.0006,73.22, .0012, .0004
Mo2020,202.030 {467},Y_2243,ppm, .0003,.0001,53.56, .0004, .0002
Na5895,589.592 { 57},Y_3710,ppm, .0221,.0051,23.13, .0185, .0257
Na8183,818.326 { 41},Y_3710,ppm, .0694,.0139,20.09, .0793, .0595
Ni2316,231.604 {445},In2306,ppm, .0003,.0001,35.90, .0004, .0002
P_1782,178.284 {489},In2306,ppm, -.0011,.0008,74.03, -.0016, -.0005
Pb2203,220.353 {453},In2306,ppm, .0008,.0004,45.52, .0005, .0010
S_1820,182.034 {485},Y_2243,ppm, .9638,.1686,17.49, 1.083, .8446
Sb2068,206.833 {463},Y_2243,ppm, .0011,.0012,107.2, .0019, .0003
Se1960,196.090 {472},Y_2243,ppm, -.0024,.0002,8.238, -.0022, -.0025
Si2516,251.611 {134},Y_3710,ppm, -.0024,.0083,340.8, -.0083, .0034
Sn1899,189.989 {477},In2306,ppm, -.0001,.0002,317.7, -.0002, .0001
Sr4215,421.552 { 80},Y_3710,ppm, .0001,.0000,16.06, .0001, .0001
Ti3349,334.904 {101},Y_3600,ppm, -.0006,.0001,22.68, -.0005, -.0007
Tl1908,190.856 {477},In2306,ppm, -.0016,.0006,38.05, -.0020, -.0011
V_2924,292.402 {115},Y_3600,ppm, -.0002,.0000,8.778, -.0002, -.0002
Zn2062,206.200 {463},In2306,ppm, -.0002,.0000,12.02, -.0002, -.0002

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 411.67,1.5486,.37618,412.76,410.57
In2306,230.606 {446},Cts/S, 15385.,26.898,.17483,15366.,15404.
Y_2243,224.306 {450},Cts/S, 20778.,62.459,.30059,20734.,20823.
Y_3600,360.073 { 94},Cts/S, 151900.,601.53,.39602,152320.,151470.
Y_3710,371.030 { 91},Cts/S, 19440.,52.546,.27030,19477.,19403.
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Custom ID3=
Run Time=3/27/2012 15:03:38
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0015,.0001,6.874, .0015, .0014
Al3082,308.215 {109},In2306,ppm, .0168,.0010,6.035, .0161, .0176
As1890,189.042 {478},Y_2243,ppm, -.0002,.0010,444.2, -.0009, .0005
B_2496,249.678 {135},Y_3710,ppm, .0088,.0025,27.79, .0071, .0106
Ba4554,455.403 { 74},Y_3710,ppm, .0165,.0001,.7318, .0166, .0164
Be3130,313.042 {108},Y_3710,ppm, .0001,.0001,64.84, .0002, .0001
Ca3158,315.887 {107},In2306,ppm, 48.79,.3898,.7989, 48.51, 49.06
Ca3181,318.128 {106},In2306,ppm, 51.20,.3937,.7690, 50.92, 51.48
Cd2288,228.802 {447},Y_2243,ppm, .0018,.0001,4.789, .0017, .0018
Co2286,228.616 {447},In2306,ppm, .0010,.0001,12.00, .0011, .0009
Cr2677,267.716 {126},Y_3600,ppm, .0002,.0000,15.32, .0003, .0002
Cu3247,324.754 {104},Y_3600,ppm, .0961,.0001,.0762, .0961, .0962
Fe2404,240.488 {140},In2306,ppm, .1558,.0067,4.288, .1511, .1605
K_7664,766.490 { 44},Y_3710,ppm, .1053,.0019,1.808, .1066, .1039
K_7698,769.896 { 44},Y_3710,ppm, .0475,.0102,21.42, .0547, .0403
Li6707,670.784 { 50},Y_3710,ppm, .0051,.0001,1.282, .0051, .0051
Mg2790,279.079 {121},Y_3710,ppm, 10.18,.0236,.2321, 10.19, 10.16
Mn2576,257.610 {131},Y_3600,ppm, .6026,.0017,.2753, .6014, .6037
Mn2576-2,257.610 {131}2,Y_3710,ppm, .5567,.0030,.5461, .5588, .5545
Mo2020,202.030 {467},Y_2243,ppm, .0001,.0001,79.88, .0002, .0000
Na5895,589.592 { 57},Y_3710,ppm, 18.30,.0662,.3618, 18.35, 18.25
Na8183,818.326 { 41},Y_3710,ppm, 17.92,.1687,.9414, 18.04, 17.80
Ni2316,231.604 {445},In2306,ppm, .0007,.0001,8.169, .0007, .0007
P_1782,178.284 {489},In2306,ppm, -.0004,.0001,35.64, -.0003, -.0004
Pb2203,220.353 {453},In2306,ppm, -.0006,.0004,60.77, -.0009, -.0004
S_1820,182.034 {485},Y_2243,ppm, 46.08,.0484,.1051, 46.04, 46.11
Sb2068,206.833 {463},Y_2243,ppm, .0000,.0002,2484., .0002, -.0001
Se1960,196.090 {472},Y_2243,ppm, -.0018,.0008,46.07, -.0012, -.0024
Si2516,251.611 {134},Y_3710,ppm, .1036,.0079,7.582, .1092, .0981
Sn1899,189.989 {477},In2306,ppm, .0004,.0001,33.22, .0005, .0003
Sr4215,421.552 { 80},Y_3710,ppm, .2036,.0000,.0027, .2036, .2036
Ti3349,334.904 {101},Y_3600,ppm, .0002,.0002,143.0, .0000, .0003
Tl1908,190.856 {477},In2306,ppm, -.0030,.0001,4.927, -.0029, -.0031
V_2924,292.402 {115},Y_3600,ppm, -.0003,.0001,16.46, -.0004, -.0003
Zn2062,206.200 {463},In2306,ppm, .0032,.0000,1.544, .0031, .0032

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 394.52,1.4287,.36213,395.53,393.51
In2306,230.606 {446},Cts/S, 14265.,31.390,.22004,14288.,14243.
Y_2243,224.306 {450},Cts/S, 20380.,37.899,.18596,20407.,20353.
Y_3600,360.073 { 94},Cts/S, 147890.,828.73,.56036,148480.,147310.
Y_3710,371.030 { 91},Cts/S, 18969.,145.05,.76467,18867.,19072.

[Sample Header]
Method=ICP6500Metals_TRY3(v769)
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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0001,.0002,262.5, -.0002, .0001
Al3082,308.215 {109},In2306,ppm, .0285,.0074,25.76, .0233, .0337
As1890,189.042 {478},Y_2243,ppm, -.0005,.0006,109.1, -.0010, -.0001
B_2496,249.678 {135},Y_3710,ppm, .0023,.0065,285.5, -.0023, .0069
Ba4554,455.403 { 74},Y_3710,ppm, .0016,.0001,5.725, .0017, .0016
Be3130,313.042 {108},Y_3710,ppm, .0001,.0000,1.596, .0001, .0001
Ca3158,315.887 {107},In2306,ppm, 10.79,.0482,.4470, 10.75, 10.82
Ca3181,318.128 {106},In2306,ppm, 11.30,.0417,.3688, 11.27, 11.33
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0001,99.35, .0001, .0000
Co2286,228.616 {447},In2306,ppm, -.0001,.0000,2.100, -.0001, -.0001
Cr2677,267.716 {126},Y_3600,ppm, -.0001,.0004,358.5, -.0003, .0002
Cu3247,324.754 {104},Y_3600,ppm, -.0021,.0007,35.21, -.0016, -.0026
Fe2404,240.488 {140},In2306,ppm, .0159,.0008,4.863, .0165, .0154
K_7664,766.490 { 44},Y_3710,ppm, .0667,.0069,10.38, .0716, .0618
K_7698,769.896 { 44},Y_3710,ppm, .1017,.0271,26.60, .0826, .1209
Li6707,670.784 { 50},Y_3710,ppm, .0027,.0012,43.71, .0019, .0035
Mg2790,279.079 {121},Y_3710,ppm, 6.632,.0445,.6714, 6.600, 6.663
Mn2576,257.610 {131},Y_3600,ppm, .0305,.0002,.7331, .0307, .0304
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0285,.0012,4.068, .0276, .0293
Mo2020,202.030 {467},Y_2243,ppm, -.0001,.0001,252.2, -.0002, .0000
Na5895,589.592 { 57},Y_3710,ppm, 14.00,.0040,.0286, 14.00, 14.01
Na8183,818.326 { 41},Y_3710,ppm, 13.78,.0101,.0734, 13.78, 13.77
Ni2316,231.604 {445},In2306,ppm, .0002,.0000,18.19, .0002, .0003
P_1782,178.284 {489},In2306,ppm, -.0003,.0012,393.0, .0006, -.0012
Pb2203,220.353 {453},In2306,ppm, -.0002,.0000,12.92, -.0003, -.0002
S_1820,182.034 {485},Y_2243,ppm, 58.03,.5938,1.023, 58.45, 57.61
Sb2068,206.833 {463},Y_2243,ppm, .0018,.0011,60.57, .0026, .0011
Se1960,196.090 {472},Y_2243,ppm, -.0012,.0004,29.86, -.0014, -.0009
Si2516,251.611 {134},Y_3710,ppm, .0812,.0105,12.88, .0738, .0886
Sn1899,189.989 {477},In2306,ppm, .0005,.0002,29.71, .0004, .0006
Sr4215,421.552 { 80},Y_3710,ppm, .0836,.0001,.1718, .0835, .0837
Ti3349,334.904 {101},Y_3600,ppm, .0000,.0003,909.4, -.0002, .0003
Tl1908,190.856 {477},In2306,ppm, -.0004,.0012,323.4, .0005, -.0012
V_2924,292.402 {115},Y_3600,ppm, .0002,.0001,78.95, .0001, .0002
Zn2062,206.200 {463},In2306,ppm, .0031,.0000,.5761, .0031, .0030

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 401.22,1.9824,.49408,402.63,399.82
In2306,230.606 {446},Cts/S, 14760.,49.638,.33630,14795.,14725.
Y_2243,224.306 {450},Cts/S, 20631.,59.336,.28760,20673.,20589.
Y_3600,360.073 { 94},Cts/S, 149580.,736.78,.49256,149060.,150100.
Y_3710,371.030 { 91},Cts/S, 19199.,35.909,.18704,19173.,19224.

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[Results]
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Ag3280,328.068 {103},Y_3600,ppm, -.0006,.0000,4.576, -.0005, -.0006
Al3082,308.215 {109},In2306,ppm, .0246,.0245,99.75, .0072, .0419
As1890,189.042 {478},Y_2243,ppm, .0001,.0002,331.5, .0002, -.0001
B_2496,249.678 {135},Y_3710,ppm, .0031,.0021,67.34, .0016, .0046
Ba4554,455.403 { 74},Y_3710,ppm, .0019,.0002,11.66, .0017, .0020
Be3130,313.042 {108},Y_3710,ppm, .0001,.0001,119.8, .0002, .0000
Ca3158,315.887 {107},In2306,ppm, 10.72,.3024,2.820, 10.51, 10.94
Ca3181,318.128 {106},In2306,ppm, 11.32,.3256,2.876, 11.09, 11.55
Cd2288,228.802 {447},Y_2243,ppm, .0000,.0001,668.9, -.0001, .0001
Co2286,228.616 {447},In2306,ppm, .0000,.0001,217.0, .0001, .0000
Cr2677,267.716 {126},Y_3600,ppm, .0001,.0002,283.1, -.0001, .0002
Cu3247,324.754 {104},Y_3600,ppm, -.0006,.0000,7.239, -.0006, -.0006
Fe2404,240.488 {140},In2306,ppm, .0140,.0015,10.71, .0129, .0150
K_7664,766.490 { 44},Y_3710,ppm, .0780,.0047,6.006, .0747, .0814
K_7698,769.896 { 44},Y_3710,ppm, -.0139,.0214,154.4, .0013, -.0290
Li6707,670.784 { 50},Y_3710,ppm, .0038,.0013,34.21, .0047, .0029
Mg2790,279.079 {121},Y_3710,ppm, 6.635,.2543,3.833, 6.455, 6.815
Mn2576,257.610 {131},Y_3600,ppm, .0303,.0001,.2065, .0303, .0302
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0277,.0008,3.041, .0271, .0283
Mo2020,202.030 {467},Y_2243,ppm, .0000,.0002,531.5, -.0001, .0002
Na5895,589.592 { 57},Y_3710,ppm, 13.88,.3832,2.760, 13.61, 14.15
Na8183,818.326 { 41},Y_3710,ppm, 13.95,.3316,2.377, 13.72, 14.19
Ni2316,231.604 {445},In2306,ppm, .0003,.0000,9.112, .0004, .0003
P_1782,178.284 {489},In2306,ppm, .0001,.0008,552.5, .0007, -.0004
Pb2203,220.353 {453},In2306,ppm, .0007,.0004,61.54, .0010, .0004
S_1820,182.034 {485},Y_2243,ppm, 57.34,.6800,1.186, 56.86, 57.82
Sb2068,206.833 {463},Y_2243,ppm, -.0004,.0018,505.9, .0009, -.0016
Se1960,196.090 {472},Y_2243,ppm, -.0012,.0004,33.86, -.0009, -.0014
Si2516,251.611 {134},Y_3710,ppm, .0830,.0002,.2662, .0832, .0829
Sn1899,189.989 {477},In2306,ppm, .0003,.0004,132.0, .0006, .0000
Sr4215,421.552 { 80},Y_3710,ppm, .0834,.0024,2.890, .0817, .0851
Ti3349,334.904 {101},Y_3600,ppm, .0001,.0001,80.33, .0002, .0001
Tl1908,190.856 {477},In2306,ppm, .0004,.0002,37.41, .0003, .0005
V_2924,292.402 {115},Y_3600,ppm, .0001,.0001,44.28, .0002, .0001
Zn2062,206.200 {463},In2306,ppm, .0031,.0001,3.463, .0030, .0031

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 396.23,9.7665,2.4648,403.14,389.33
In2306,230.606 {446},Cts/S, 14710.,100.67,.68439,14781.,14638.
Y_2243,224.306 {450},Cts/S, 20598.,110.19,.53493,20676.,20521.
Y_3600,360.073 { 94},Cts/S, 149030.,624.79,.41923,148590.,149470.
Y_3710,371.030 { 91},Cts/S, 19107.,481.97,2.5225,19448.,18766.

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[Results]
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Ag3280,328.068 {103},Y_3600,ppm, .0046,.0005,11.05, .0050, .0043
Al3082,308.215 {109},In2306,ppm, .1183,.0039,3.335, .1211, .1155
As1890,189.042 {478},Y_2243,ppm, .0105,.0004,4.217, .0108, .0101
B_2496,249.678 {135},Y_3710,ppm, .0127,.0059,46.84, .0085, .0169
Ba4554,455.403 { 74},Y_3710,ppm, .0122,.0001,.6736, .0123, .0122
Be3130,313.042 {108},Y_3710,ppm, .0054,.0001,2.376, .0055, .0053
Ca3158,315.887 {107},In2306,ppm, 10.84,.1220,1.126, 10.92, 10.75
Ca3181,318.128 {106},In2306,ppm, 11.41,.0204,.1791, 11.43, 11.40
Cd2288,228.802 {447},Y_2243,ppm, .0051,.0000,.1492, .0051, .0051
Co2286,228.616 {447},In2306,ppm, .0105,.0001,1.002, .0105, .0104
Cr2677,267.716 {126},Y_3600,ppm, .0107,.0003,2.809, .0109, .0105
Cu3247,324.754 {104},Y_3600,ppm, .0089,.0004,4.342, .0092, .0087
Fe2404,240.488 {140},In2306,ppm, .1176,.0058,4.922, .1217, .1135
K_7664,766.490 { 44},Y_3710,ppm, .2168,.0056,2.582, .2129, .2208
K_7698,769.896 { 44},Y_3710,ppm, .1467,.0427,29.12, .1769, .1165
Li6707,670.784 { 50},Y_3710,ppm, .0071,.0006,8.755, .0076, .0067
Mg2790,279.079 {121},Y_3710,ppm, 6.757,.0553,.8178, 6.718, 6.796
Mn2576,257.610 {131},Y_3600,ppm, .0416,.0002,.4097, .0417, .0415
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0381,.0007,1.848, .0386, .0376
Mo2020,202.030 {467},Y_2243,ppm, .0101,.0000,.2387, .0101, .0100
Na5895,589.592 { 57},Y_3710,ppm, 14.16,.1180,.8334, 14.24, 14.07
Na8183,818.326 { 41},Y_3710,ppm, 14.04,.1555,1.107, 13.93, 14.15
Ni2316,231.604 {445},In2306,ppm, .0102,.0002,1.861, .0101, .0104
P_1782,178.284 {489},In2306,ppm, .0003,.0006,171.9, -.0001, .0007
Pb2203,220.353 {453},In2306,ppm, .0105,.0002,2.059, .0103, .0106
S_1820,182.034 {485},Y_2243,ppm, 58.24,.6824,1.172, 58.72, 57.76
Sb2068,206.833 {463},Y_2243,ppm, .0124,.0002,1.834, .0126, .0123
Se1960,196.090 {472},Y_2243,ppm, .0088,.0003,3.102, .0086, .0090
Si2516,251.611 {134},Y_3710,ppm, .0924,.0051,5.484, .0889, .0960
Sn1899,189.989 {477},In2306,ppm, .0106,.0002,2.083, .0108, .0105
Sr4215,421.552 { 80},Y_3710,ppm, .0884,.0007,.8265, .0889, .0879
Ti3349,334.904 {101},Y_3600,ppm, .0119,.0003,2.821, .0121, .0116
Tl1908,190.856 {477},In2306,ppm, .0110,.0007,6.703, .0105, .0115
V_2924,292.402 {115},Y_3600,ppm, .0118,.0005,3.983, .0121, .0115
Zn2062,206.200 {463},In2306,ppm, .0130,.0001,1.122, .0131, .0129

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 402.37,1.8480,.45928,401.06,403.68
In2306,230.606 {446},Cts/S, 14695.,28.352,.19293,14675.,14715.
Y_2243,224.306 {450},Cts/S, 20547.,37.710,.18353,20520.,20574.
Y_3600,360.073 { 94},Cts/S, 148410.,366.92,.24723,148150.,148670.
Y_3710,371.030 { 91},Cts/S, 19248.,79.098,.41095,19192.,19304.

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Custom ID3=
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Mode=CONC
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CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0050,.0006,11.13, .0046, .0054
Al3082,308.215 {109},In2306,ppm, .1131,.0198,17.52, .0991, .1271
As1890,189.042 {478},Y_2243,ppm, .0086,.0015,17.00, .0096, .0076
B_2496,249.678 {135},Y_3710,ppm, .0110,.0041,37.18, .0139, .0081
Ba4554,455.403 { 74},Y_3710,ppm, .0121,.0001,1.146, .0122, .0120
Be3130,313.042 {108},Y_3710,ppm, .0052,.0000,.5700, .0052, .0052
Ca3158,315.887 {107},In2306,ppm, 10.73,.0341,.3182, 10.75, 10.70
Ca3181,318.128 {106},In2306,ppm, 11.36,.0019,.0166, 11.36, 11.36
Cd2288,228.802 {447},Y_2243,ppm, .0051,.0001,.9970, .0051, .0052
Co2286,228.616 {447},In2306,ppm, .0102,.0001,1.273, .0102, .0101
Cr2677,267.716 {126},Y_3600,ppm, .0105,.0002,1.776, .0106, .0104
Cu3247,324.754 {104},Y_3600,ppm, .0098,.0003,2.565, .0096, .0100
Fe2404,240.488 {140},In2306,ppm, .1199,.0081,6.733, .1142, .1256
K_7664,766.490 { 44},Y_3710,ppm, .1626,.0022,1.331, .1610, .1641
K_7698,769.896 { 44},Y_3710,ppm, .1686,.0282,16.70, .1486, .1885
Li6707,670.784 { 50},Y_3710,ppm, .0086,.0011,13.30, .0094, .0077
Mg2790,279.079 {121},Y_3710,ppm, 6.738,.0603,.8944, 6.696, 6.781
Mn2576,257.610 {131},Y_3600,ppm, .0413,.0001,.3333, .0414, .0412
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0371,.0004,1.160, .0368, .0374
Mo2020,202.030 {467},Y_2243,ppm, .0098,.0000,.3861, .0098, .0098
Na5895,589.592 { 57},Y_3710,ppm, 13.95,.0379,.2715, 13.92, 13.98
Na8183,818.326 { 41},Y_3710,ppm, 14.23,.0012,.0083, 14.23, 14.23
Ni2316,231.604 {445},In2306,ppm, .0102,.0000,.3656, .0102, .0102
P_1782,178.284 {489},In2306,ppm, .0011,.0002,19.48, .0009, .0012
Pb2203,220.353 {453},In2306,ppm, .0103,.0000,.3414, .0103, .0103
S_1820,182.034 {485},Y_2243,ppm, 57.80,.0480,.0831, 57.83, 57.76
Sb2068,206.833 {463},Y_2243,ppm, .0084,.0023,27.18, .0068, .0100
Se1960,196.090 {472},Y_2243,ppm, .0080,.0008,10.10, .0085, .0074
Si2516,251.611 {134},Y_3710,ppm, .0948,.0009,.9995, .0955, .0942
Sn1899,189.989 {477},In2306,ppm, .0107,.0005,4.379, .0111, .0104
Sr4215,421.552 { 80},Y_3710,ppm, .0877,.0003,.2876, .0875, .0878
Ti3349,334.904 {101},Y_3600,ppm, .0114,.0001,.6342, .0114, .0115
Tl1908,190.856 {477},In2306,ppm, .0089,.0001,1.038, .0090, .0089
V_2924,292.402 {115},Y_3600,ppm, .0114,.0000,.1901, .0114, .0114
Zn2062,206.200 {463},In2306,ppm, .0132,.0000,.1217, .0132, .0132

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 400.50,4.6612,1.1638,397.21,403.80
In2306,230.606 {446},Cts/S, 14656.,5.6716,.03870,14652.,14660.
Y_2243,224.306 {450},Cts/S, 20496.,11.604,.05662,20487.,20504.
Y_3600,360.073 { 94},Cts/S, 148570.,221.50,.14910,148410.,148720.
Y_3710,371.030 { 91},Cts/S, 19238.,115.02,.59788,19157.,19320.

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Custom ID3=
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CorrFactor=1.000
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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0004,.0007,194.0, .0001, -.0009
Al3082,308.215 {109},In2306,ppm, .0376,.0029,7.746, .0397, .0356
As1890,189.042 {478},Y_2243,ppm, .0017,.0008,45.32, .0012, .0023
B_2496,249.678 {135},Y_3710,ppm, .2192,.0044,2.020, .2223, .2161
Ba4554,455.403 { 74},Y_3710,ppm, .1766,.0045,2.556, .1798, .1734
Be3130,313.042 {108},Y_3710,ppm, .0001,.0001,89.56, .0002, .0000
Ca3158,315.887 {107},In2306,ppm, 889.5,4.381,.4926, 886.4, 892.6
Ca3181,318.128 {106},In2306,ppm, 954.9,11.87,1.243, 963.3, 946.5
Cd2288,228.802 {447},Y_2243,ppm, .0007,.0001,16.54, .0006, .0007
Co2286,228.616 {447},In2306,ppm, .0008,.0001,8.327, .0009, .0008
Cr2677,267.716 {126},Y_3600,ppm, .0022,.0001,3.948, .0023, .0022
Cu3247,324.754 {104},Y_3600,ppm, -.0012,.0012,97.36, -.0020, -.0004
Fe2404,240.488 {140},In2306,ppm, .0733,.0003,.3469, .0732, .0735
K_7664,766.490 { 44},Y_3710,ppm, 4.687,.1346,2.872, 4.783, 4.592
K_7698,769.896 { 44},Y_3710,ppm, 4.434,.0769,1.734, 4.488, 4.379
Li6707,670.784 { 50},Y_3710,ppm, .0913,.0028,3.039, .0933, .0894
Mg2790,279.079 {121},Y_3710,ppm, 357.5,9.728,2.721, 364.4, 350.6
Mn2576,257.610 {131},Y_3600,ppm, 2.290,.0174,.7578, 2.303, 2.278
Mn2576-2,257.610 {131}2,Y_3710,ppm, 2.004,.0507,2.531, 2.040, 1.968
Mo2020,202.030 {467},Y_2243,ppm, .0000,.0000,5.968, .0000, .0000
Na5895,589.592 { 57},Y_3710,ppm, 395.1,11.78,2.981, 403.4, 386.7
Na8183,818.326 { 41},Y_3710,ppm, 424.8,10.61,2.499, 432.3, 417.3
Ni2316,231.604 {445},In2306,ppm, .0022,.0001,4.639, .0023, .0021
P_1782,178.284 {489},In2306,ppm, .0314,.0027,8.717, .0333, .0294
Pb2203,220.353 {453},In2306,ppm, .0022,.0014,65.17, .0012, .0031
S_1820,182.034 {485},Y_2243,ppm, 5101.,2.139,.0419, 5100., 5103.
Sb2068,206.833 {463},Y_2243,ppm, -.0038,.0002,5.416, -.0036, -.0039
Se1960,196.090 {472},Y_2243,ppm, .0092,.0011,12.50, .0084, .0100
Si2516,251.611 {134},Y_3710,ppm, 8.580,.1670,1.947, 8.698, 8.462
Sn1899,189.989 {477},In2306,ppm, .0004,.0006,151.2, .0000, .0008
Sr4215,421.552 { 80},Y_3710,ppm, 6.314,.0910,1.441, 6.378, 6.249
Ti3349,334.904 {101},Y_3600,ppm, .0068,.0000,.3514, .0068, .0068
Tl1908,190.856 {477},In2306,ppm, -.0046,.0003,5.904, -.0048, -.0044
V_2924,292.402 {115},Y_3600,ppm, -.0034,.0003,9.717, -.0032, -.0037
Zn2062,206.200 {463},In2306,ppm, .0067,.0001,1.093, .0068, .0067

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 361.00,2.7512,.76209,359.06,362.95
In2306,230.606 {446},Cts/S, 10821.,7.1786,.06634,10815.,10826.
Y_2243,224.306 {450},Cts/S, 17403.,13.157,.07560,17393.,17412.
Y_3600,360.073 { 94},Cts/S, 124930.,914.87,.73230,124280.,125580.
Y_3710,371.030 { 91},Cts/S, 18499.,378.25,2.0447,18232.,18767.

[Sample Header]
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Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0002,.0007,443.3, .0003, -.0007
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Al3082,308.215 {109},In2306,ppm, .0143,.0318,222.3, -.0082, .0368
As1890,189.042 {478},Y_2243,ppm, .0000,.0007,2054., -.0005, .0005
B_2496,249.678 {135},Y_3710,ppm, -.0018,.0004,21.29, -.0020, -.0015
Ba4554,455.403 { 74},Y_3710,ppm, .0003,.0002,59.37, .0005, .0002
Be3130,313.042 {108},Y_3710,ppm, .0001,.0000,35.42, .0001, .0002
Ca3158,315.887 {107},In2306,ppm, 1.180,.0447,3.789, 1.148, 1.211
Ca3181,318.128 {106},In2306,ppm, 1.287,.0454,3.530, 1.255, 1.319
Cd2288,228.802 {447},Y_2243,ppm, .0000,.0000,85.60, .0000, .0000
Co2286,228.616 {447},In2306,ppm, -.0001,.0002,117.8, -.0003, .0000
Cr2677,267.716 {126},Y_3600,ppm, -.0004,.0001,23.95, -.0004, -.0003
Cu3247,324.754 {104},Y_3600,ppm, -.0017,.0000,1.438, -.0017, -.0018
Fe2404,240.488 {140},In2306,ppm, .0010,.0031,322.0, .0032, -.0012
K_7664,766.490 { 44},Y_3710,ppm, .1805,.0125,6.926, .1894, .1717
K_7698,769.896 { 44},Y_3710,ppm, .0574,.0023,4.088, .0591, .0558
Li6707,670.784 { 50},Y_3710,ppm, .0024,.0017,69.74, .0012, .0036
Mg2790,279.079 {121},Y_3710,ppm, .4892,.0044,.8976, .4861, .4923
Mn2576,257.610 {131},Y_3600,ppm, .0031,.0002,6.168, .0033, .0030
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0030,.0005,17.85, .0034, .0026
Mo2020,202.030 {467},Y_2243,ppm, .0001,.0002,188.8, .0003, .0000
Na5895,589.592 { 57},Y_3710,ppm, .7987,.0308,3.858, .8205, .7769
Na8183,818.326 { 41},Y_3710,ppm, .7418,.0653,8.807, .7880, .6956
Ni2316,231.604 {445},In2306,ppm, .0005,.0002,36.44, .0004, .0006
P_1782,178.284 {489},In2306,ppm, -.0006,.0005,92.88, -.0010, -.0002
Pb2203,220.353 {453},In2306,ppm, .0001,.0002,185.1, .0002, .0000
S_1820,182.034 {485},Y_2243,ppm, 7.460,1.719,23.04, 6.245, 8.676
Sb2068,206.833 {463},Y_2243,ppm, .0024,.0010,39.62, .0031, .0017
Se1960,196.090 {472},Y_2243,ppm, -.0015,.0010,66.23, -.0008, -.0023
Si2516,251.611 {134},Y_3710,ppm, .0148,.0076,51.53, .0201, .0094
Sn1899,189.989 {477},In2306,ppm, .0003,.0002,49.52, .0002, .0004
Sr4215,421.552 { 80},Y_3710,ppm, .0087,.0002,2.831, .0085, .0088
Ti3349,334.904 {101},Y_3600,ppm, -.0008,.0004,46.58, -.0011, -.0005
Tl1908,190.856 {477},In2306,ppm, -.0017,.0002,14.29, -.0015, -.0018
V_2924,292.402 {115},Y_3600,ppm, -.0001,.0000,8.448, -.0001, -.0001
Zn2062,206.200 {463},In2306,ppm, .0028,.0000,1.745, .0029, .0028

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 411.21,2.8534,.69391,413.22,409.19
In2306,230.606 {446},Cts/S, 15044.,185.82,1.2352,15175.,14913.
Y_2243,224.306 {450},Cts/S, 20499.,252.20,1.2303,20678.,20321.
Y_3600,360.073 { 94},Cts/S, 149740.,625.72,.41788,150180.,149290.
Y_3710,371.030 { 91},Cts/S, 19573.,205.31,1.0489,19428.,19718.

[Sample Header]
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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0005,.0007,137.7, .0000, -.0010
Al3082,308.215 {109},In2306,ppm, .0342,.0044,12.90, .0374, .0311
As1890,189.042 {478},Y_2243,ppm, -.0001,.0012,835.2, -.0010, .0007
B_2496,249.678 {135},Y_3710,ppm, .0033,.0009,26.11, .0039, .0027
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Ba4554,455.403 { 74},Y_3710,ppm, .0052,.0001,1.130, .0052, .0052
Be3130,313.042 {108},Y_3710,ppm, -.0002,.0000,20.29, -.0001, -.0002
Ca3158,315.887 {107},In2306,ppm, 23.30,.1376,.5906, 23.20, 23.40
Ca3181,318.128 {106},In2306,ppm, 24.66,.1081,.4383, 24.58, 24.73
Cd2288,228.802 {447},Y_2243,ppm, .0009,.0000,2.118, .0009, .0009
Co2286,228.616 {447},In2306,ppm, .0000,.0001,339.4, .0000, .0001
Cr2677,267.716 {126},Y_3600,ppm, .0000,.0002,606.3, .0002, -.0001
Cu3247,324.754 {104},Y_3600,ppm, .0221,.0006,2.812, .0217, .0225
Fe2404,240.488 {140},In2306,ppm, .0005,.0068,1443., -.0043, .0053
K_7664,766.490 { 44},Y_3710,ppm, .1388,.0095,6.875, .1456, .1321
K_7698,769.896 { 44},Y_3710,ppm, .0542,.0418,77.16, .0246, .0838
Li6707,670.784 { 50},Y_3710,ppm, .0038,.0008,19.89, .0043, .0032
Mg2790,279.079 {121},Y_3710,ppm, 6.458,.0317,.4902, 6.481, 6.436
Mn2576,257.610 {131},Y_3600,ppm, .4185,.0009,.2206, .4178, .4191
Mn2576-2,257.610 {131}2,Y_3710,ppm, .3770,.0007,.1889, .3765, .3775
Mo2020,202.030 {467},Y_2243,ppm, -.0001,.0001,107.5, -.0001, .0000
Na5895,589.592 { 57},Y_3710,ppm, 9.062,.0042,.0466, 9.065, 9.059
Na8183,818.326 { 41},Y_3710,ppm, 8.909,.0884,.9925, 8.972, 8.847
Ni2316,231.604 {445},In2306,ppm, .0006,.0001,16.97, .0007, .0005
P_1782,178.284 {489},In2306,ppm, -.0014,.0006,44.50, -.0010, -.0019
Pb2203,220.353 {453},In2306,ppm, -.0003,.0002,83.76, -.0005, -.0001
S_1820,182.034 {485},Y_2243,ppm, 42.74,.2172,.5083, 42.58, 42.89
Sb2068,206.833 {463},Y_2243,ppm, .0015,.0001,5.028, .0015, .0014
Se1960,196.090 {472},Y_2243,ppm, -.0020,.0014,70.41, -.0029, -.0010
Si2516,251.611 {134},Y_3710,ppm, .0926,.0020,2.211, .0940, .0911
Sn1899,189.989 {477},In2306,ppm, .0002,.0003,161.4, .0004, .0000
Sr4215,421.552 { 80},Y_3710,ppm, .1269,.0001,.0811, .1270, .1268
Ti3349,334.904 {101},Y_3600,ppm, .0000,.0002,1043., .0002, -.0001
Tl1908,190.856 {477},In2306,ppm, -.0016,.0006,35.42, -.0012, -.0020
V_2924,292.402 {115},Y_3600,ppm, .0000,.0004,866.2, -.0002, .0003
Zn2062,206.200 {463},In2306,ppm, .0029,.0000,1.281, .0028, .0029

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 396.83,.50241,.12660,397.19,396.48
In2306,230.606 {446},Cts/S, 14694.,5.1366,.03496,14697.,14690.
Y_2243,224.306 {450},Cts/S, 20647.,1.6298,.00789,20646.,20648.
Y_3600,360.073 { 94},Cts/S, 146510.,3.8088,.00260,146510.,146510.
Y_3710,371.030 { 91},Cts/S, 19038.,75.816,.39823,18985.,19092.

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Mode=CONC
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Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0000,.0004,3538., -.0003, .0003
Al3082,308.215 {109},In2306,ppm, 25.84,.9529,3.688, 26.51, 25.16
As1890,189.042 {478},Y_2243,ppm, .0225,.0021,9.151, .0239, .0210
B_2496,249.678 {135},Y_3710,ppm, .0016,.0052,327.9, -.0021, .0053
Ba4554,455.403 { 74},Y_3710,ppm, .3954,.0130,3.279, .4046, .3863
Be3130,313.042 {108},Y_3710,ppm, .0017,.0001,4.036, .0018, .0017
Ca3158,315.887 {107},In2306,ppm, 249.7,9.621,3.853, 256.5, 242.9
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Ca3181,318.128 {106},In2306,ppm, 263.6,9.202,3.491, 270.1, 257.1
Cd2288,228.802 {447},Y_2243,ppm, 1.541,.0103,.6680, 1.548, 1.534
Co2286,228.616 {447},In2306,ppm, .0120,.0001,1.215, .0121, .0119
Cr2677,267.716 {126},Y_3600,ppm, .0340,.0019,5.579, .0353, .0326
Cu3247,324.754 {104},Y_3600,ppm, .0339,.0016,4.781, .0351, .0328
Fe2404,240.488 {140},In2306,ppm, 25.79,.9026,3.500, 26.43, 25.15
K_7664,766.490 { 44},Y_3710,ppm, 2.594,.1104,4.256, 2.672, 2.516
K_7698,769.896 { 44},Y_3710,ppm, 2.550,.0555,2.175, 2.589, 2.511
Li6707,670.784 { 50},Y_3710,ppm, .0200,.0014,6.921, .0210, .0190
Mg2790,279.079 {121},Y_3710,ppm, 3.965,.1766,4.453, 4.090, 3.841
Mn2576,257.610 {131},Y_3600,ppm, 1.385,.0448,3.234, 1.417, 1.354
Mn2576-2,257.610 {131}2,Y_3710,ppm, 1.173,.0412,3.509, 1.202, 1.144
Mo2020,202.030 {467},Y_2243,ppm, .0008,.0004,56.35, .0011, .0005
Na5895,589.592 { 57},Y_3710,ppm, .6862,.0267,3.894, .7051, .6673
Na8183,818.326 { 41},Y_3710,ppm, .7477,.0325,4.340, .7707, .7248
Ni2316,231.604 {445},In2306,ppm, .0423,.0004,1.040, .0426, .0420
P_1782,178.284 {489},In2306,ppm, 1.016,.0076,.7495, 1.021, 1.010
Pb2203,220.353 {453},In2306,ppm, 2.708,.0183,.6746, 2.721, 2.695
S_1820,182.034 {485},Y_2243,ppm, 73.96,.5847,.7906, 74.37, 73.55
Sb2068,206.833 {463},Y_2243,ppm, .0017,.0000,.7963, .0017, .0017
Se1960,196.090 {472},Y_2243,ppm, .0048,.0011,22.75, .0041, .0056
Si2516,251.611 {134},Y_3710,ppm, 1.213,.0460,3.792, 1.246, 1.181
Sn1899,189.989 {477},In2306,ppm, .0097,.0003,3.144, .0095, .0099
Sr4215,421.552 { 80},Y_3710,ppm, .5019,.0176,3.511, .5144, .4895
Ti3349,334.904 {101},Y_3600,ppm, .0326,.0012,3.753, .0334, .0317
Tl1908,190.856 {477},In2306,ppm, -.0024,.0002,8.890, -.0022, -.0025
V_2924,292.402 {115},Y_3600,ppm, .1140,.0043,3.776, .1170, .1109
Zn2062,206.200 {463},In2306,ppm, .0899,.0005,.5862, .0903, .0896

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 390.24,11.853,3.0373,381.86,398.62
In2306,230.606 {446},Cts/S, 13356.,49.762,.37259,13321.,13391.
Y_2243,224.306 {450},Cts/S, 20652.,91.072,.44099,20587.,20716.
Y_3600,360.073 { 94},Cts/S, 140000.,3184.7,2.2748,137750.,142250.
Y_3710,371.030 { 91},Cts/S, 19746.,601.48,3.0461,19320.,20171.

[Sample Header]
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Custom ID2=
Custom ID3=
Run Time=3/27/2012 15:27:06
Sample Type=Unk
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CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0004,.0000,7.663, -.0004, -.0004
Al3082,308.215 {109},In2306,ppm, 25.26,.0550,.2177, 25.30, 25.23
As1890,189.042 {478},Y_2243,ppm, .0345,.0000,.1128, .0344, .0345
B_2496,249.678 {135},Y_3710,ppm, .0054,.0034,63.50, .0078, .0030
Ba4554,455.403 { 74},Y_3710,ppm, .6413,.0005,.0724, .6417, .6410
Be3130,313.042 {108},Y_3710,ppm, .0020,.0001,6.266, .0021, .0019
Ca3158,315.887 {107},In2306,ppm, 219.7,.8249,.3754, 219.1, 220.3
Ca3181,318.128 {106},In2306,ppm, 229.6,.2891,.1259, 229.4, 229.8
Cd2288,228.802 {447},Y_2243,ppm, 1.595,.0235,1.471, 1.612, 1.578
Co2286,228.616 {447},In2306,ppm, .0250,.0002,.7068, .0252, .0249

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Cr2677,267.716 {126},Y_3600,ppm, .0333,.0006,1.922, .0337, .0328
Cu3247,324.754 {104},Y_3600,ppm, .1284,.0003,.2022, .1285, .1282
Fe2404,240.488 {140},In2306,ppm, 29.66,.0628,.2116, 29.71, 29.62
K_7664,766.490 { 44},Y_3710,ppm, 2.868,.0093,.3226, 2.861, 2.874
K_7698,769.896 { 44},Y_3710,ppm, 2.788,.0005,.0183, 2.787, 2.788
Li6707,670.784 { 50},Y_3710,ppm, .0192,.0005,2.836, .0196, .0188
Mg2790,279.079 {121},Y_3710,ppm, 4.626,.0055,.1199, 4.622, 4.630
Mn2576,257.610 {131},Y_3600,ppm, 4.377,.0205,.4672, 4.363, 4.392
Mn2576-2,257.610 {131}2,Y_3710,ppm, 4.037,.0119,.2937, 4.046, 4.029
Mo2020,202.030 {467},Y_2243,ppm, .0015,.0002,14.94, .0014, .0017
Na5895,589.592 { 57},Y_3710,ppm, .7484,.0059,.7876, .7525, .7442
Na8183,818.326 { 41},Y_3710,ppm, .7981,.1278,16.01, .7077, .8884
Ni2316,231.604 {445},In2306,ppm, .0903,.0014,1.598, .0913, .0893
P_1782,178.284 {489},In2306,ppm, 1.023,.0133,1.300, 1.032, 1.013
Pb2203,220.353 {453},In2306,ppm, 8.914,.1225,1.374, 9.000, 8.827
S_1820,182.034 {485},Y_2243,ppm, 103.2,.9753,.9454, 103.8, 102.5
Sb2068,206.833 {463},Y_2243,ppm, .0192,.0035,18.14, .0168, .0217
Se1960,196.090 {472},Y_2243,ppm, .0108,.0002,1.826, .0110, .0107
Si2516,251.611 {134},Y_3710,ppm, 1.095,.0010,.0950, 1.096, 1.094
Sn1899,189.989 {477},In2306,ppm, .0415,.0003,.6899, .0417, .0413
Sr4215,421.552 { 80},Y_3710,ppm, .5013,.0002,.0437, .5014, .5011
Ti3349,334.904 {101},Y_3600,ppm, .0319,.0001,.3134, .0318, .0319
Tl1908,190.856 {477},In2306,ppm, -.0016,.0011,66.08, -.0009, -.0024
V_2924,292.402 {115},Y_3600,ppm, .1349,.0003,.2193, .1347, .1351
Zn2062,206.200 {463},In2306,ppm, .1367,.0023,1.680, .1383, .1351

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 387.40,3.0233,.78041,385.26,389.53
In2306,230.606 {446},Cts/S, 13432.,151.47,1.1277,13325.,13539.
Y_2243,224.306 {450},Cts/S, 20680.,226.81,1.0968,20519.,20840.
Y_3600,360.073 { 94},Cts/S, 143950.,135.13,.09387,143860.,144050.
Y_3710,371.030 { 91},Cts/S, 19197.,229.67,1.1964,19034.,19359.

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[Results]
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Al3082,308.215 {109},In2306,ppm, 2.420,.0558,2.308, 2.459, 2.380
As1890,189.042 {478},Y_2243,ppm, .4515,.0015,.3240, .4526, .4505
B_2496,249.678 {135},Y_3710,ppm, .4962,.0022,.4534, .4978, .4947
Ba4554,455.403 { 74},Y_3710,ppm, .4769,.0003,.0616, .4767, .4771
Be3130,313.042 {108},Y_3710,ppm, .4886,.0007,.1342, .4891, .4881
Ca3158,315.887 {107},In2306,ppm, 11.53,.0477,.4140, 11.56, 11.50
Ca3181,318.128 {106},In2306,ppm, 12.23,.0266,.2172, 12.25, 12.21
Cd2288,228.802 {447},Y_2243,ppm, .4717,.0013,.2736, .4726, .4708
Co2286,228.616 {447},In2306,ppm, .4878,.0011,.2247, .4886, .4870
Cr2677,267.716 {126},Y_3600,ppm, .5201,.0002,.0399, .5200, .5203
Cu3247,324.754 {104},Y_3600,ppm, .5071,.0020,.4003, .5057, .5086
Fe2404,240.488 {140},In2306,ppm, 2.427,.0175,.7192, 2.439, 2.414
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K_7664,766.490 { 44},Y_3710,ppm, 12.42,.0554,.4463, 12.46, 12.38
K_7698,769.896 { 44},Y_3710,ppm, 12.30,.0244,.1987, 12.28, 12.32
Li6707,670.784 { 50},Y_3710,ppm, .4732,.0030,.6290, .4753, .4710
Mg2790,279.079 {121},Y_3710,ppm, 4.945,.0110,.2216, 4.937, 4.953
Mn2576,257.610 {131},Y_3600,ppm, .5056,.0014,.2690, .5065, .5046
Mn2576-2,257.610 {131}2,Y_3710,ppm, .4525,.0014,.3130, .4535, .4515
Mo2020,202.030 {467},Y_2243,ppm, .4457,.0042,.9470, .4487, .4428
Na5895,589.592 { 57},Y_3710,ppm, 12.08,.0241,.1995, 12.10, 12.07
Na8183,818.326 { 41},Y_3710,ppm, 11.99,.2768,2.309, 11.79, 12.18
Ni2316,231.604 {445},In2306,ppm, .4547,.0016,.3608, .4558, .4535
P_1782,178.284 {489},In2306,ppm, -.0006,.0005,86.60, -.0010, -.0002
Pb2203,220.353 {453},In2306,ppm, .4690,.0009,.1941, .4683, .4696
S_1820,182.034 {485},Y_2243,ppm, 107.5,.9033,.8407, 108.1, 106.8
Sb2068,206.833 {463},Y_2243,ppm, .4474,.0049,1.102, .4509, .4439
Se1960,196.090 {472},Y_2243,ppm, .4430,.0018,.4050, .4443, .4418
Si2516,251.611 {134},Y_3710,ppm, .8259,.0070,.8512, .8308, .8209
Sn1899,189.989 {477},In2306,ppm, .5114,.0042,.8289, .5144, .5084
Sr4215,421.552 { 80},Y_3710,ppm, .2330,.0002,.0657, .2329, .2331
Ti3349,334.904 {101},Y_3600,ppm, .5624,.0012,.2098, .5632, .5615
Tl1908,190.856 {477},In2306,ppm, .5061,.0050,.9866, .5096, .5025
V_2924,292.402 {115},Y_3600,ppm, .5517,.0009,.1655, .5511, .5523
Zn2062,206.200 {463},In2306,ppm, .4757,.0030,.6391, .4778, .4735

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 395.57,2.5307,.63975,393.78,397.36
In2306,230.606 {446},Cts/S, 14493.,17.305,.11940,14481.,14506.
Y_2243,224.306 {450},Cts/S, 20674.,57.129,.27633,20634.,20714.
Y_3600,360.073 { 94},Cts/S, 145510.,688.85,.47341,145020.,146000.
Y_3710,371.030 { 91},Cts/S, 19152.,77.468,.40449,19097.,19207.

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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0042,.0006,13.78, .0046, .0038
Al3082,308.215 {109},In2306,ppm, .1023,.0107,10.50, .1099, .0947
As1890,189.042 {478},Y_2243,ppm, .0098,.0009,8.871, .0092, .0104
B_2496,249.678 {135},Y_3710,ppm, .0104,.0028,26.95, .0084, .0123
Ba4554,455.403 { 74},Y_3710,ppm, .0103,.0001,.9524, .0103, .0104
Be3130,313.042 {108},Y_3710,ppm, .0050,.0000,.2535, .0050, .0050
Ca3158,315.887 {107},In2306,ppm, .1243,.0058,4.640, .1202, .1284
Ca3181,318.128 {106},In2306,ppm, .1722,.0000,.0112, .1722, .1722
Cd2288,228.802 {447},Y_2243,ppm, .0051,.0004,7.044, .0048, .0053
Co2286,228.616 {447},In2306,ppm, .0096,.0003,2.713, .0094, .0098
Cr2677,267.716 {126},Y_3600,ppm, .0099,.0002,1.807, .0098, .0100
Cu3247,324.754 {104},Y_3600,ppm, .0092,.0003,3.315, .0095, .0090
Fe2404,240.488 {140},In2306,ppm, .1049,.0041,3.954, .1020, .1079
K_7664,766.490 { 44},Y_3710,ppm, .6488,.0072,1.109, .6437, .6539
K_7698,769.896 { 44},Y_3710,ppm, .6521,.0307,4.707, .6738, .6304
Li6707,670.784 { 50},Y_3710,ppm, .0121,.0011,8.653, .0114, .0129
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Mg2790,279.079 {121},Y_3710,ppm, .0963,.0088,9.121, .0901, .1025
Mn2576,257.610 {131},Y_3600,ppm, .0111,.0004,3.164, .0114, .0109
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0106,.0001,.8818, .0107, .0105
Mo2020,202.030 {467},Y_2243,ppm, .0102,.0004,3.442, .0099, .0104
Na5895,589.592 { 57},Y_3710,ppm, .6273,.0083,1.330, .6214, .6333
Na8183,818.326 { 41},Y_3710,ppm, .5593,.0541,9.676, .5976, .5211
Ni2316,231.604 {445},In2306,ppm, .0096,.0002,2.552, .0094, .0098
P_1782,178.284 {489},In2306,ppm, .0084,.0011,12.48, .0077, .0092
Pb2203,220.353 {453},In2306,ppm, .0102,.0010,9.676, .0095, .0109
S_1820,182.034 {485},Y_2243,ppm, .8155,.2931,35.94, 1.023, .6082
Sb2068,206.833 {463},Y_2243,ppm, .0140,.0002,1.338, .0138, .0141
Se1960,196.090 {472},Y_2243,ppm, .0075,.0002,2.136, .0074, .0076
Si2516,251.611 {134},Y_3710,ppm, .0023,.0052,229.5, -.0014, .0059
Sn1899,189.989 {477},In2306,ppm, .0111,.0002,2.148, .0109, .0112
Sr4215,421.552 { 80},Y_3710,ppm, .0048,.0001,2.065, .0049, .0048
Ti3349,334.904 {101},Y_3600,ppm, .0106,.0002,1.415, .0107, .0105
Tl1908,190.856 {477},In2306,ppm, .0124,.0020,15.87, .0111, .0138
V_2924,292.402 {115},Y_3600,ppm, .0107,.0006,5.131, .0111, .0104
Zn2062,206.200 {463},In2306,ppm, .0094,.0003,3.259, .0092, .0096

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 402.11,.02080,.00517,402.12,402.09
In2306,230.606 {446},Cts/S, 15428.,.04037,.00026,15428.,15428.
Y_2243,224.306 {450},Cts/S, 21089.,9.3123,.04416,21082.,21095.
Y_3600,360.073 { 94},Cts/S, 151520.,2033.0,1.3417,150080.,152960.
Y_3710,371.030 { 91},Cts/S, 19072.,43.921,.23029,19103.,19041.

[Sample Header]
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[Results]
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Al3082,308.215 {109},In2306,ppm, .0081,.0011,13.69, .0073, .0089
As1890,189.042 {478},Y_2243,ppm, .0003,.0013,464.9, -.0006, .0012
B_2496,249.678 {135},Y_3710,ppm, .0007,.0034,472.0, .0031, -.0017
Ba4554,455.403 { 74},Y_3710,ppm, .0001,.0002,238.0, .0002, -.0001
Be3130,313.042 {108},Y_3710,ppm, -.0002,.0000,7.297, -.0002, -.0002
Ca3158,315.887 {107},In2306,ppm, .0052,.0020,39.35, .0066, .0037
Ca3181,318.128 {106},In2306,ppm, .0586,.0101,17.19, .0657, .0514
Cd2288,228.802 {447},Y_2243,ppm, .0001,.0001,110.6, .0001, .0000
Co2286,228.616 {447},In2306,ppm, -.0001,.0000,25.13, -.0002, -.0001
Cr2677,267.716 {126},Y_3600,ppm, -.0001,.0004,569.1, .0002, -.0003
Cu3247,324.754 {104},Y_3600,ppm, -.0014,.0001,10.16, -.0013, -.0016
Fe2404,240.488 {140},In2306,ppm, .0015,.0036,243.1, -.0011, .0041
K_7664,766.490 { 44},Y_3710,ppm, .0328,.0095,28.84, .0261, .0395
K_7698,769.896 { 44},Y_3710,ppm, -.0278,.0481,173.2, -.0618, .0062
Li6707,670.784 { 50},Y_3710,ppm, .0013,.0002,15.31, .0015, .0012
Mg2790,279.079 {121},Y_3710,ppm, -.0139,.0039,28.11, -.0111, -.0166
Mn2576,257.610 {131},Y_3600,ppm, .0001,.0001,89.63, .0000, .0001
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0004,.0005,133.5, .0000, .0007
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Mo2020,202.030 {467},Y_2243,ppm, .0002,.0001,44.20, .0002, .0003
Na5895,589.592 { 57},Y_3710,ppm, .0250,.0099,39.75, .0320, .0180
Na8183,818.326 { 41},Y_3710,ppm, .1417,.0959,67.70, .2095, .0739
Ni2316,231.604 {445},In2306,ppm, .0003,.0003,78.80, .0002, .0005
P_1782,178.284 {489},In2306,ppm, -.0013,.0005,40.11, -.0017, -.0009
Pb2203,220.353 {453},In2306,ppm, .0010,.0001,13.34, .0011, .0009
S_1820,182.034 {485},Y_2243,ppm, .2214,.0283,12.78, .2014, .2414
Sb2068,206.833 {463},Y_2243,ppm, .0012,.0011,94.74, .0020, .0004
Se1960,196.090 {472},Y_2243,ppm, -.0009,.0003,35.39, -.0007, -.0011
Si2516,251.611 {134},Y_3710,ppm, .0073,.0058,79.57, .0114, .0032
Sn1899,189.989 {477},In2306,ppm, .0002,.0006,339.1, -.0002, .0006
Sr4215,421.552 { 80},Y_3710,ppm, .0000,.0002,568.6, -.0002, .0001
Ti3349,334.904 {101},Y_3600,ppm, -.0007,.0002,23.32, -.0008, -.0005
Tl1908,190.856 {477},In2306,ppm, -.0015,.0011,70.11, -.0023, -.0008
V_2924,292.402 {115},Y_3600,ppm, .0001,.0001,60.80, .0001, .0002
Zn2062,206.200 {463},In2306,ppm, -.0003,.0000,11.11, -.0002, -.0003

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 407.82,7.0856,1.7374,412.83,402.81
In2306,230.606 {446},Cts/S, 15671.,501.50,3.2002,15316.,16025.
Y_2243,224.306 {450},Cts/S, 21354.,699.16,3.2741,20860.,21848.
Y_3600,360.073 { 94},Cts/S, 144390.,6190.6,4.2873,148770.,140020.
Y_3710,371.030 { 91},Cts/S, 19333.,122.01,.63111,19419.,19247.

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Al3082,308.215 {109},In2306,ppm, 31.45,.2449,.7786, 31.28, 31.62
As1890,189.042 {478},Y_2243,ppm, .1439,.0028,1.960, .1459, .1419
B_2496,249.678 {135},Y_3710,ppm, .0706,.0051,7.296, .0669, .0742
Ba4554,455.403 { 74},Y_3710,ppm, .5001,.0043,.8532, .4971, .5031
Be3130,313.042 {108},Y_3710,ppm, .0539,.0004,.7757, .0536, .0542
Ca3158,315.887 {107},In2306,ppm, 232.6,2.958,1.272, 230.5, 234.7
Ca3181,318.128 {106},In2306,ppm, 244.8,3.304,1.350, 242.5, 247.2
Cd2288,228.802 {447},Y_2243,ppm, 1.275,.0086,.6771, 1.281, 1.269
Co2286,228.616 {447},In2306,ppm, .1281,.0008,.6327, .1286, .1275
Cr2677,267.716 {126},Y_3600,ppm, .1434,.0029,1.990, .1414, .1454
Cu3247,324.754 {104},Y_3600,ppm, .2380,.0064,2.691, .2335, .2426
Fe2404,240.488 {140},In2306,ppm, 37.21,.4994,1.342, 36.86, 37.56
K_7664,766.490 { 44},Y_3710,ppm, 4.264,.0341,.7992, 4.240, 4.288
K_7698,769.896 { 44},Y_3710,ppm, 4.087,.1586,3.880, 3.975, 4.199
Li6707,670.784 { 50},Y_3710,ppm, .0705,.0020,2.827, .0691, .0719
Mg2790,279.079 {121},Y_3710,ppm, 6.790,.0191,.2811, 6.776, 6.803
Mn2576,257.610 {131},Y_3600,ppm, 2.376,.0588,2.473, 2.335, 2.418
Mn2576-2,257.610 {131}2,Y_3710,ppm, 2.159,.0203,.9397, 2.144, 2.173
Mo2020,202.030 {467},Y_2243,ppm, .0789,.0006,.7972, .0793, .0785
Na5895,589.592 { 57},Y_3710,ppm, 1.717,.0183,1.063, 1.704, 1.730
Na8183,818.326 { 41},Y_3710,ppm, 2.227,.4490,20.16, 2.545, 1.910
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Ni2316,231.604 {445},In2306,ppm, .1761,.0016,.9169, .1772, .1749
P_1782,178.284 {489},In2306,ppm, 1.163,.0116,.9990, 1.172, 1.155
Pb2203,220.353 {453},In2306,ppm, 9.709,.0903,.9303, 9.773, 9.645
S_1820,182.034 {485},Y_2243,ppm, 97.73,1.140,1.166, 98.54, 96.92
Sb2068,206.833 {463},Y_2243,ppm, .0566,.0025,4.436, .0584, .0548
Se1960,196.090 {472},Y_2243,ppm, .0991,.0010,1.034, .0999, .0984
Si2516,251.611 {134},Y_3710,ppm, 1.210,.0009,.0705, 1.209, 1.210
Sn1899,189.989 {477},In2306,ppm, .1458,.0010,.6574, .1465, .1451
Sr4215,421.552 { 80},Y_3710,ppm, .5419,.0040,.7293, .5391, .5447
Ti3349,334.904 {101},Y_3600,ppm, .0742,.0016,2.207, .0730, .0753
Tl1908,190.856 {477},In2306,ppm, .1032,.0013,1.293, .1041, .1023
V_2924,292.402 {115},Y_3600,ppm, .2777,.0055,1.998, .2738, .2816
Zn2062,206.200 {463},In2306,ppm, .2615,.0023,.8681, .2631, .2599

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 387.44,4.8435,1.2501,390.86,384.01
In2306,230.606 {446},Cts/S, 13243.,81.816,.61782,13185.,13300.
Y_2243,224.306 {450},Cts/S, 20596.,135.22,.65652,20500.,20691.
Y_3600,360.073 { 94},Cts/S, 144040.,2765.6,1.9200,146000.,142090.
Y_3710,371.030 { 91},Cts/S, 19249.,165.61,.86034,19366.,19132.

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Al3082,308.215 {109},In2306,ppm, 34.52,.0052,.0151, 34.51, 34.52
As1890,189.042 {478},Y_2243,ppm, .1458,.0009,.6095, .1452, .1465
B_2496,249.678 {135},Y_3710,ppm, .0750,.0077,10.26, .0804, .0695
Ba4554,455.403 { 74},Y_3710,ppm, .3568,.0010,.2914, .3561, .3575
Be3130,313.042 {108},Y_3710,ppm, .0551,.0002,.3735, .0553, .0550
Ca3158,315.887 {107},In2306,ppm, 226.6,.3313,.1462, 226.9, 226.4
Ca3181,318.128 {106},In2306,ppm, 236.7,.0028,.0012, 236.7, 236.7
Cd2288,228.802 {447},Y_2243,ppm, 1.098,.0021,.1906, 1.096, 1.099
Co2286,228.616 {447},In2306,ppm, .1231,.0003,.2820, .1228, .1233
Cr2677,267.716 {126},Y_3600,ppm, .1562,.0008,.5116, .1556, .1568
Cu3247,324.754 {104},Y_3600,ppm, .4302,.0004,.0945, .4299, .4305
Fe2404,240.488 {140},In2306,ppm, 32.05,.0537,.1676, 32.01, 32.09
K_7664,766.490 { 44},Y_3710,ppm, 4.800,.0289,.6017, 4.820, 4.779
K_7698,769.896 { 44},Y_3710,ppm, 4.701,.0242,.5143, 4.718, 4.684
Li6707,670.784 { 50},Y_3710,ppm, .0729,.0009,1.262, .0723, .0736
Mg2790,279.079 {121},Y_3710,ppm, 7.020,.0178,.2534, 7.033, 7.007
Mn2576,257.610 {131},Y_3600,ppm, 1.500,.0029,.1949, 1.498, 1.502
Mn2576-2,257.610 {131}2,Y_3710,ppm, 1.341,.0016,.1172, 1.342, 1.340
Mo2020,202.030 {467},Y_2243,ppm, .0788,.0001,.1249, .0789, .0788
Na5895,589.592 { 57},Y_3710,ppm, 1.921,.0005,.0236, 1.921, 1.921
Na8183,818.326 { 41},Y_3710,ppm, 1.994,.0845,4.240, 1.934, 2.054
Ni2316,231.604 {445},In2306,ppm, .2137,.0015,.7007, .2126, .2147
P_1782,178.284 {489},In2306,ppm, 1.374,.0018,.1323, 1.373, 1.375
Pb2203,220.353 {453},In2306,ppm, 17.09,.0573,.3354, 17.05, 17.13
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S_1820,182.034 {485},Y_2243,ppm, 110.3,.3395,.3078, 110.5, 110.0
Sb2068,206.833 {463},Y_2243,ppm, .0979,.0016,1.596, .0990, .0968
Se1960,196.090 {472},Y_2243,ppm, .1084,.0000,.0190, .1084, .1084
Si2516,251.611 {134},Y_3710,ppm, 1.531,.0039,.2528, 1.528, 1.533
Sn1899,189.989 {477},In2306,ppm, .2550,.0002,.0855, .2552, .2549
Sr4215,421.552 { 80},Y_3710,ppm, .5867,.0005,.0806, .5870, .5864
Ti3349,334.904 {101},Y_3600,ppm, .0783,.0003,.3721, .0781, .0785
Tl1908,190.856 {477},In2306,ppm, .1100,.0018,1.595, .1087, .1112
V_2924,292.402 {115},Y_3600,ppm, .2390,.0006,.2326, .2386, .2393
Zn2062,206.200 {463},In2306,ppm, .3656,.0011,.3068, .3648, .3664

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 385.83,1.8757,.48614,384.50,387.16
In2306,230.606 {446},Cts/S, 13212.,48.215,.36492,13247.,13178.
Y_2243,224.306 {450},Cts/S, 20590.,63.369,.30776,20635.,20546.
Y_3600,360.073 { 94},Cts/S, 141680.,188.84,.13328,141550.,141820.
Y_3710,371.030 { 91},Cts/S, 19204.,111.03,.57817,19126.,19283.

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[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .2543,.0009,.3558, .2549, .2537
Al3082,308.215 {109},In2306,ppm, 2.391,.0304,1.272, 2.369, 2.412
As1890,189.042 {478},Y_2243,ppm, .4558,.0136,2.987, .4462, .4654
B_2496,249.678 {135},Y_3710,ppm, .4879,.0120,2.462, .4794, .4964
Ba4554,455.403 { 74},Y_3710,ppm, .4720,.0033,.7096, .4696, .4743
Be3130,313.042 {108},Y_3710,ppm, .4817,.0042,.8794, .4787, .4847
Ca3158,315.887 {107},In2306,ppm, 11.34,.1314,1.159, 11.24, 11.43
Ca3181,318.128 {106},In2306,ppm, 12.15,.1681,1.384, 12.03, 12.27
Cd2288,228.802 {447},Y_2243,ppm, .4774,.0144,3.006, .4673, .4876
Co2286,228.616 {447},In2306,ppm, .4979,.0140,2.806, .4881, .5078
Cr2677,267.716 {126},Y_3600,ppm, .5117,.0003,.0641, .5119, .5115
Cu3247,324.754 {104},Y_3600,ppm, .5022,.0006,.1261, .5027, .5018
Fe2404,240.488 {140},In2306,ppm, 2.387,.0249,1.042, 2.369, 2.404
K_7664,766.490 { 44},Y_3710,ppm, 12.22,.0598,.4894, 12.18, 12.26
K_7698,769.896 { 44},Y_3710,ppm, 12.02,.1305,1.085, 11.93, 12.11
Li6707,670.784 { 50},Y_3710,ppm, .4670,.0015,.3250, .4660, .4681
Mg2790,279.079 {121},Y_3710,ppm, 4.872,.0280,.5752, 4.853, 4.892
Mn2576,257.610 {131},Y_3600,ppm, .4994,.0017,.3413, .5006, .4982
Mn2576-2,257.610 {131}2,Y_3710,ppm, .4434,.0017,.3849, .4422, .4446
Mo2020,202.030 {467},Y_2243,ppm, .4518,.0127,2.816, .4428, .4608
Na5895,589.592 { 57},Y_3710,ppm, 11.91,.0667,.5595, 11.87, 11.96
Na8183,818.326 { 41},Y_3710,ppm, 11.86,.0370,.3118, 11.83, 11.88
Ni2316,231.604 {445},In2306,ppm, .4617,.0124,2.683, .4529, .4704
P_1782,178.284 {489},In2306,ppm, -.0013,.0007,54.35, -.0018, -.0008
Pb2203,220.353 {453},In2306,ppm, .4750,.0169,3.568, .4631, .4870
S_1820,182.034 {485},Y_2243,ppm, 108.5,2.463,2.270, 106.7, 110.2
Sb2068,206.833 {463},Y_2243,ppm, .4583,.0100,2.176, .4512, .4654
Se1960,196.090 {472},Y_2243,ppm, .4481,.0120,2.683, .4396, .4566
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Si2516,251.611 {134},Y_3710,ppm, .8119,.0166,2.039, .8002, .8236
Sn1899,189.989 {477},In2306,ppm, .5236,.0147,2.808, .5132, .5340
Sr4215,421.552 { 80},Y_3710,ppm, .2289,.0008,.3368, .2283, .2294
Ti3349,334.904 {101},Y_3600,ppm, .5576,.0005,.0866, .5579, .5572
Tl1908,190.856 {477},In2306,ppm, .5168,.0149,2.876, .5063, .5273
V_2924,292.402 {115},Y_3600,ppm, .5450,.0006,.1176, .5455, .5446
Zn2062,206.200 {463},In2306,ppm, .4860,.0144,2.954, .4758, .4961

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 396.40,3.4820,.87841,398.87,393.94
In2306,230.606 {446},Cts/S, 14263.,301.46,2.1137,14476.,14049.
Y_2243,224.306 {450},Cts/S, 20414.,454.79,2.2278,20735.,20092.
Y_3600,360.073 { 94},Cts/S, 146780.,509.77,.34730,146420.,147140.
Y_3710,371.030 { 91},Cts/S, 19285.,12.730,.06601,19294.,19276.

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Al3082,308.215 {109},In2306,ppm, .1274,.0119,9.353, .1358, .1190
As1890,189.042 {478},Y_2243,ppm, .0098,.0003,2.890, .0096, .0100
B_2496,249.678 {135},Y_3710,ppm, .0110,.0058,53.15, .0151, .0069
Ba4554,455.403 { 74},Y_3710,ppm, .0103,.0003,2.444, .0105, .0101
Be3130,313.042 {108},Y_3710,ppm, .0051,.0001,2.040, .0052, .0050
Ca3158,315.887 {107},In2306,ppm, .1141,.0079,6.893, .1197, .1085
Ca3181,318.128 {106},In2306,ppm, .1570,.0137,8.712, .1473, .1667
Cd2288,228.802 {447},Y_2243,ppm, .0051,.0003,6.559, .0049, .0053
Co2286,228.616 {447},In2306,ppm, .0098,.0004,4.502, .0095, .0101
Cr2677,267.716 {126},Y_3600,ppm, .0108,.0002,1.864, .0110, .0107
Cu3247,324.754 {104},Y_3600,ppm, .0081,.0000,.5279, .0081, .0082
Fe2404,240.488 {140},In2306,ppm, .1034,.0044,4.279, .1003, .1065
K_7664,766.490 { 44},Y_3710,ppm, .6477,.0082,1.260, .6419, .6534
K_7698,769.896 { 44},Y_3710,ppm, .6125,.0718,11.72, .5617, .6633
Li6707,670.784 { 50},Y_3710,ppm, .0113,.0005,4.039, .0117, .0110
Mg2790,279.079 {121},Y_3710,ppm, .0916,.0260,28.41, .1101, .0732
Mn2576,257.610 {131},Y_3600,ppm, .0109,.0000,.3225, .0110, .0109
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0099,.0001,.7765, .0099, .0100
Mo2020,202.030 {467},Y_2243,ppm, .0103,.0009,9.195, .0096, .0110
Na5895,589.592 { 57},Y_3710,ppm, .6305,.0025,.3967, .6287, .6323
Na8183,818.326 { 41},Y_3710,ppm, .7704,.2442,31.70, .5976, .9431
Ni2316,231.604 {445},In2306,ppm, .0097,.0002,2.354, .0096, .0099
P_1782,178.284 {489},In2306,ppm, .0088,.0001,1.410, .0087, .0088
Pb2203,220.353 {453},In2306,ppm, .0105,.0003,2.928, .0107, .0102
S_1820,182.034 {485},Y_2243,ppm, .3925,.0361,9.209, .4181, .3670
Sb2068,206.833 {463},Y_2243,ppm, .0129,.0015,11.55, .0119, .0140
Se1960,196.090 {472},Y_2243,ppm, .0079,.0004,4.930, .0076, .0081
Si2516,251.611 {134},Y_3710,ppm, .0110,.0024,22.27, .0127, .0093
Sn1899,189.989 {477},In2306,ppm, .0110,.0004,3.972, .0107, .0114
Sr4215,421.552 { 80},Y_3710,ppm, .0048,.0000,.8216, .0048, .0047
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Ti3349,334.904 {101},Y_3600,ppm, .0103,.0003,2.975, .0105, .0101
Tl1908,190.856 {477},In2306,ppm, .0130,.0025,19.22, .0113, .0148
V_2924,292.402 {115},Y_3600,ppm, .0116,.0003,2.397, .0118, .0114
Zn2062,206.200 {463},In2306,ppm, .0094,.0004,4.329, .0091, .0096

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 398.69,1.1618,.29139,397.87,399.51
In2306,230.606 {446},Cts/S, 15272.,6.5444,.04285,15277.,15267.
Y_2243,224.306 {450},Cts/S, 20945.,1.0148,.00485,20945.,20946.
Y_3600,360.073 { 94},Cts/S, 147180.,484.82,.32941,146840.,147520.
Y_3710,371.030 { 91},Cts/S, 19003.,48.276,.25405,18968.,19037.

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Al3082,308.215 {109},In2306,ppm, .0119,.0166,139.7, .0001, .0237
As1890,189.042 {478},Y_2243,ppm, .0001,.0006,723.9, -.0003, .0005
B_2496,249.678 {135},Y_3710,ppm, .0069,.0009,12.31, .0075, .0063
Ba4554,455.403 { 74},Y_3710,ppm, .0002,.0001,26.77, .0002, .0002
Be3130,313.042 {108},Y_3710,ppm, -.0002,.0002,103.7, .0000, -.0003
Ca3158,315.887 {107},In2306,ppm, .0040,.0068,169.1, -.0008, .0089
Ca3181,318.128 {106},In2306,ppm, .0581,.0135,23.25, .0485, .0676
Cd2288,228.802 {447},Y_2243,ppm, -.0001,.0001,81.25, .0000, -.0001
Co2286,228.616 {447},In2306,ppm, .0000,.0000,20.82, .0000, .0000
Cr2677,267.716 {126},Y_3600,ppm, .0000,.0004,5845., .0003, -.0003
Cu3247,324.754 {104},Y_3600,ppm, -.0012,.0001,6.462, -.0011, -.0012
Fe2404,240.488 {140},In2306,ppm, .0035,.0030,86.12, .0056, .0014
K_7664,766.490 { 44},Y_3710,ppm, .0356,.0063,17.66, .0400, .0312
K_7698,769.896 { 44},Y_3710,ppm, .0123,.0193,156.6, -.0013, .0259
Li6707,670.784 { 50},Y_3710,ppm, .0019,.0016,87.10, .0030, .0007
Mg2790,279.079 {121},Y_3710,ppm, -.0139,.0114,81.72, -.0059, -.0220
Mn2576,257.610 {131},Y_3600,ppm, .0000,.0000,37.25, .0000, .0000
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0009,.0005,53.81, .0012, .0005
Mo2020,202.030 {467},Y_2243,ppm, .0001,.0000,32.66, .0001, .0001
Na5895,589.592 { 57},Y_3710,ppm, .0365,.0072,19.71, .0314, .0415
Na8183,818.326 { 41},Y_3710,ppm, .1270,.0585,46.02, .1684, .0857
Ni2316,231.604 {445},In2306,ppm, .0003,.0001,30.92, .0003, .0004
P_1782,178.284 {489},In2306,ppm, -.0004,.0009,246.7, .0003, -.0010
Pb2203,220.353 {453},In2306,ppm, .0006,.0002,39.49, .0008, .0004
S_1820,182.034 {485},Y_2243,ppm, .4850,.2197,45.29, .6404, .3297
Sb2068,206.833 {463},Y_2243,ppm, .0007,.0006,87.06, .0003, .0011
Se1960,196.090 {472},Y_2243,ppm, -.0015,.0001,9.486, -.0016, -.0014
Si2516,251.611 {134},Y_3710,ppm, -.0096,.0041,43.12, -.0125, -.0067
Sn1899,189.989 {477},In2306,ppm, .0001,.0002,136.3, .0000, .0002
Sr4215,421.552 { 80},Y_3710,ppm, .0001,.0000,62.43, .0001, .0000
Ti3349,334.904 {101},Y_3600,ppm, -.0008,.0004,48.13, -.0010, -.0005
Tl1908,190.856 {477},In2306,ppm, -.0011,.0003,32.36, -.0013, -.0008
V_2924,292.402 {115},Y_3600,ppm, .0000,.0002,683.5, -.0001, .0001

Zn2062,206.200 {463},In2306,ppm, -.0002,.0000,13.37, -.0002, -.0002

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 388.55,13.569,3.4922,398.15,378.96
In2306,230.606 {446},Cts/S, 15386.,.61676,.00401,15386.,15385.
Y_2243,224.306 {450},Cts/S, 21002.,1.7640,.00840,21004.,21001.
Y_3600,360.073 { 94},Cts/S, 147220.,354.31,.24067,146970.,147470.
Y_3710,371.030 { 91},Cts/S, 18801.,679.39,3.6136,19281.,18320.

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As1890,189.042 {478},Y_2243,ppm, .0004,.0020,529.1, -.0010, .0018
B_2496,249.678 {135},Y_3710,ppm, .0006,.0029,518.6, -.0015, .0026
Ba4554,455.403 { 74},Y_3710,ppm, .0006,.0001,12.87, .0006, .0005
Be3130,313.042 {108},Y_3710,ppm, -.0001,.0000,31.81, -.0001, -.0001
Ca3158,315.887 {107},In2306,ppm, 462.6,3.212,.6942, 460.4, 464.9
Ca3181,318.128 {106},In2306,ppm, 499.6,2.452,.4907, 497.8, 501.3
Cd2288,228.802 {447},Y_2243,ppm, .0002,.0001,44.83, .0002, .0003
Co2286,228.616 {447},In2306,ppm, .0000,.0002,812.0, .0001, -.0001
Cr2677,267.716 {126},Y_3600,ppm, .0022,.0008,35.38, .0016, .0027
Cu3247,324.754 {104},Y_3600,ppm, .0016,.0000,1.111, .0016, .0016
Fe2404,240.488 {140},In2306,ppm, 192.3,1.102,.5732, 191.5, 193.1
K_7664,766.490 { 44},Y_3710,ppm, -.0285,.0208,73.12, -.0432, -.0137
K_7698,769.896 { 44},Y_3710,ppm, -.2359,.0432,18.32, -.2665, -.2053
Li6707,670.784 { 50},Y_3710,ppm, .0154,.0001,.3363, .0154, .0155
Mg2790,279.079 {121},Y_3710,ppm, 486.1,.5659,.1164, 485.7, 486.5
Mn2576,257.610 {131},Y_3600,ppm, -.0043,.0001,2.445, -.0042, -.0044
Mn2576-2,257.610 {131}2,Y_3710,ppm, -.0061,.0003,4.998, -.0063, -.0059
Mo2020,202.030 {467},Y_2243,ppm, .0003,.0007,284.9, -.0003, .0008
Na5895,589.592 { 57},Y_3710,ppm, .0395,.0188,47.50, .0528, .0262
Na8183,818.326 { 41},Y_3710,ppm, .5331,.0782,14.67, .5884, .4778
Ni2316,231.604 {445},In2306,ppm, .0067,.0003,4.424, .0065, .0069
P_1782,178.284 {489},In2306,ppm, .0030,.0011,37.96, .0038, .0022
Pb2203,220.353 {453},In2306,ppm, .0044,.0016,36.83, .0056, .0033
S_1820,182.034 {485},Y_2243,ppm, -28.22,.2158,.7645, -28.07, -28.38
Sb2068,206.833 {463},Y_2243,ppm, -.0090,.0026,28.64, -.0072, -.0109
Se1960,196.090 {472},Y_2243,ppm, -.0009,.0015,172.0, -.0020, .0002
Si2516,251.611 {134},Y_3710,ppm, .0050,.0050,101.8, .0085, .0014
Sn1899,189.989 {477},In2306,ppm, .0024,.0005,21.61, .0020, .0027
Sr4215,421.552 { 80},Y_3710,ppm, .0021,.0000,1.576, .0021, .0021
Ti3349,334.904 {101},Y_3600,ppm, .0037,.0001,3.814, .0036, .0038
Tl1908,190.856 {477},In2306,ppm, -.0029,.0005,17.33, -.0033, -.0026
V_2924,292.402 {115},Y_3600,ppm, -.0056,.0002,3.785, -.0054, -.0057
Zn2062,206.200 {463},In2306,ppm, .0041,.0003,7.629, .0039, .0043

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[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 350.28,1.8835,.53771,351.61,348.95
In2306,230.606 {446},Cts/S, 11228.,75.738,.67454,11282.,11175.
Y_2243,224.306 {450},Cts/S, 18886.,115.37,.61088,18968.,18805.
Y_3600,360.073 { 94},Cts/S, 126060.,367.49,.29152,125800.,126320.
Y_3710,371.030 { 91},Cts/S, 18532.,39.079,.21088,18559.,18504.

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Al3082,308.215 {109},In2306,ppm, 523.6,1.637,.3127, 522.4, 524.8
As1890,189.042 {478},Y_2243,ppm, .8800,.0101,1.153, .8871, .8728
B_2496,249.678 {135},Y_3710,ppm, .9645,.0090,.9343, .9581, .9708
Ba4554,455.403 { 74},Y_3710,ppm, .9586,.0012,.1297, .9595, .9577
Be3130,313.042 {108},Y_3710,ppm, .4747,.0013,.2743, .4757, .4738
Ca3158,315.887 {107},In2306,ppm, 469.0,.4627,.0987, 468.6, 469.3
Ca3181,318.128 {106},In2306,ppm, 498.7,2.160,.4332, 497.2, 500.2
Cd2288,228.802 {447},Y_2243,ppm, .4764,.0016,.3420, .4775, .4752
Co2286,228.616 {447},In2306,ppm, 1.020,.0010,.0955, 1.021, 1.020
Cr2677,267.716 {126},Y_3600,ppm, 1.010,.0098,.9661, 1.003, 1.017
Cu3247,324.754 {104},Y_3600,ppm, 1.072,.0106,.9874, 1.065, 1.080
Fe2404,240.488 {140},In2306,ppm, 197.2,.8526,.4324, 196.6, 197.8
K_7664,766.490 { 44},Y_3710,ppm, 10.16,.0351,.3453, 10.19, 10.14
K_7698,769.896 { 44},Y_3710,ppm, 9.710,.0545,.5614, 9.748, 9.671
Li6707,670.784 { 50},Y_3710,ppm, .9795,.0020,.2044, .9810, .9781
Mg2790,279.079 {121},Y_3710,ppm, 497.9,.8603,.1728, 498.5, 497.3
Mn2576,257.610 {131},Y_3600,ppm, .9798,.0084,.8552, .9739, .9858
Mn2576-2,257.610 {131}2,Y_3710,ppm, .8483,.0003,.0359, .8481, .8485
Mo2020,202.030 {467},Y_2243,ppm, .8014,.0006,.0759, .8019, .8010
Na5895,589.592 { 57},Y_3710,ppm, 9.907,.0135,.1363, 9.916, 9.897
Na8183,818.326 { 41},Y_3710,ppm, 10.09,.0904,.8952, 10.03, 10.16
Ni2316,231.604 {445},In2306,ppm, .9398,.0016,.1755, .9410, .9387
P_1782,178.284 {489},In2306,ppm, 1.106,.0074,.6702, 1.111, 1.101
Pb2203,220.353 {453},In2306,ppm, .9435,.0035,.3669, .9411, .9460
S_1820,182.034 {485},Y_2243,ppm, -29.07,.3898,1.341, -29.35, -28.80
Sb2068,206.833 {463},Y_2243,ppm, .8528,.0046,.5421, .8561, .8495
Se1960,196.090 {472},Y_2243,ppm, .8455,.0003,.0306, .8457, .8454
Si2516,251.611 {134},Y_3710,ppm, .8577,.0149,1.735, .8472, .8682
Sn1899,189.989 {477},In2306,ppm, 1.057,.0026,.2444, 1.059, 1.056
Sr4215,421.552 { 80},Y_3710,ppm, .4533,.0010,.2274, .4540, .4526
Ti3349,334.904 {101},Y_3600,ppm, 1.128,.0099,.8771, 1.121, 1.135
Tl1908,190.856 {477},In2306,ppm, .9621,.0034,.3515, .9645, .9597
V_2924,292.402 {115},Y_3600,ppm, 1.091,.0081,.7410, 1.085, 1.097
Zn2062,206.200 {463},In2306,ppm, 1.020,.0000,.0032, 1.020, 1.020

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 352.73,3.0229,.85702,354.87,350.59
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In2306,230.606 {446},Cts/S, 11179.,11.746,.10507,11171.,11188.
Y_2243,224.306 {450},Cts/S, 18943.,25.255,.13332,18925.,18960.
Y_3600,360.073 { 94},Cts/S, 126010.,907.12,.71987,126650.,125370.
Y_3710,371.030 { 91},Cts/S, 18273.,55.478,.30361,18312.,18234.

[Sample Header]
Method=ICP6500Metals_TRY3(v769)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/27/2012 18:38:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, -.0004,.0002,51.13, -.0005, -.0002
Al3082,308.215 {109},In2306,ppm, .4880,.0574,11.77, .5286, .4474
As1890,189.042 {478},Y_2243,ppm, .0005,.0011,230.4, -.0003, .0013
B_2496,249.678 {135},Y_3710,ppm, -.0011,.0004,38.19, -.0014, -.0008
Ba4554,455.403 { 74},Y_3710,ppm, .0013,.0004,30.42, .0016, .0010
Be3130,313.042 {108},Y_3710,ppm, .0005,.0001,23.78, .0006, .0004
Ca3158,315.887 {107},In2306,ppm, .4190,.0301,7.177, .4403, .3978
Ca3181,318.128 {106},In2306,ppm, .5052,.0155,3.076, .5162, .4942
Cd2288,228.802 {447},Y_2243,ppm, .0000,.0002,598.4, -.0002, .0001
Co2286,228.616 {447},In2306,ppm, .0004,.0003,73.91, .0002, .0007
Cr2677,267.716 {126},Y_3600,ppm, .0001,.0001,192.8, .0002, .0000
Cu3247,324.754 {104},Y_3600,ppm, .0009,.0002,23.89, .0007, .0010
Fe2404,240.488 {140},In2306,ppm, .1998,.0208,10.43, .2146, .1851
K_7664,766.490 { 44},Y_3710,ppm, -.0200,.0130,65.22, -.0292, -.0108
K_7698,769.896 { 44},Y_3710,ppm, -.2602,.0250,9.609, -.2778, -.2425
Li6707,670.784 { 50},Y_3710,ppm, .0015,.0011,73.58, .0007, .0023
Mg2790,279.079 {121},Y_3710,ppm, .5106,.0413,8.084, .5398, .4814
Mn2576,257.610 {131},Y_3600,ppm, .0005,.0002,37.31, .0006, .0004
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0014,.0006,40.16, .0018, .0010
Mo2020,202.030 {467},Y_2243,ppm, .0003,.0002,60.47, .0002, .0005
Na5895,589.592 { 57},Y_3710,ppm, .0105,.0069,65.65, .0154, .0056
Na8183,818.326 { 41},Y_3710,ppm, .3020,.0836,27.70, .3611, .2428
Ni2316,231.604 {445},In2306,ppm, .0009,.0004,42.60, .0006, .0012
P_1782,178.284 {489},In2306,ppm, -.0018,.0003,18.29, -.0020, -.0015
Pb2203,220.353 {453},In2306,ppm, .0011,.0002,20.50, .0013, .0010
S_1820,182.034 {485},Y_2243,ppm, -.0417,.0940,225.5, -.1081, .0248
Sb2068,206.833 {463},Y_2243,ppm, -.0006,.0001,16.45, -.0005, -.0006
Se1960,196.090 {472},Y_2243,ppm, -.0009,.0009,103.5, -.0016, -.0002
Si2516,251.611 {134},Y_3710,ppm, .0190,.0055,28.96, .0151, .0229
Sn1899,189.989 {477},In2306,ppm, -.0001,.0001,146.3, .0000, -.0002
Sr4215,421.552 { 80},Y_3710,ppm, .0004,.0001,32.44, .0005, .0003
Ti3349,334.904 {101},Y_3600,ppm, .0002,.0005,307.7, .0006, -.0002
Tl1908,190.856 {477},In2306,ppm, .0001,.0008,822.6, -.0005, .0007
V_2924,292.402 {115},Y_3600,ppm, .0010,.0001,14.87, .0011, .0009
Zn2062,206.200 {463},In2306,ppm, .0014,.0004,31.51, .0011, .0017

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 399.52,2.5152,.62956,397.74,401.30
In2306,230.606 {446},Cts/S, 15902.,162.32,1.0208,16017.,15787.
Y_2243,224.306 {450},Cts/S, 21691.,161.95,.74659,21806.,21577.
Y_3600,360.073 { 94},Cts/S, 146310.,158.05,.10802,146420.,146190.
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Y_3710,371.030 { 91},Cts/S, 18946.,3.8272,.02020,18948.,18943.

[Sample Header]
Method=ICP6500Metals_TRY3(v769)
SampleName=RINSE
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=3/27/2012 18:40:49
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=2

[Results]
Elem,WL,ISRef,Units,Avg,Stddev,RSD,Rep1,Rep2
Ag3280,328.068 {103},Y_3600,ppm, .0000,.0001,138.0, -.0001, .0000
Al3082,308.215 {109},In2306,ppm, .0576,.0031,5.352, .0554, .0597
As1890,189.042 {478},Y_2243,ppm, -.0003,.0004,127.9, -.0006, .0000
B_2496,249.678 {135},Y_3710,ppm, .0009,.0049,541.7, -.0026, .0044
Ba4554,455.403 { 74},Y_3710,ppm, .0003,.0001,46.10, .0002, .0004
Be3130,313.042 {108},Y_3710,ppm, -.0002,.0001,44.02, -.0001, -.0003
Ca3158,315.887 {107},In2306,ppm, .0128,.0048,37.01, .0095, .0162
Ca3181,318.128 {106},In2306,ppm, .0625,.0245,39.18, .0798, .0452
Cd2288,228.802 {447},Y_2243,ppm, -.0001,.0000,28.48, -.0001, -.0001
Co2286,228.616 {447},In2306,ppm, .0000,.0001,326.4, .0001, .0000
Cr2677,267.716 {126},Y_3600,ppm, -.0003,.0000,13.74, -.0003, -.0003
Cu3247,324.754 {104},Y_3600,ppm, -.0006,.0002,39.53, -.0004, -.0008
Fe2404,240.488 {140},In2306,ppm, .0124,.0022,17.63, .0108, .0139
K_7664,766.490 { 44},Y_3710,ppm, -.0187,.0426,227.6, .0114, -.0489
K_7698,769.896 { 44},Y_3710,ppm, -.3082,.0952,30.87, -.3755, -.2409
Li6707,670.784 { 50},Y_3710,ppm, .0021,.0001,5.330, .0022, .0020
Mg2790,279.079 {121},Y_3710,ppm, .0153,.0154,100.4, .0262, .0044
Mn2576,257.610 {131},Y_3600,ppm, .0001,.0001,129.7, .0001, .0000
Mn2576-2,257.610 {131}2,Y_3710,ppm, .0004,.0000,7.024, .0004, .0004
Mo2020,202.030 {467},Y_2243,ppm, .0002,.0001,48.42, .0001, .0003
Na5895,589.592 { 57},Y_3710,ppm, .0043,.0060,138.6, .0086, .0001
Na8183,818.326 { 41},Y_3710,ppm, .0349,.1087,312.0, .1117, -.0420
Ni2316,231.604 {445},In2306,ppm, .0004,.0000,12.75, .0004, .0003
P_1782,178.284 {489},In2306,ppm, -.0015,.0007,47.29, -.0010, -.0020
Pb2203,220.353 {453},In2306,ppm, .0005,.0006,106.9, .0001, .0010
S_1820,182.034 {485},Y_2243,ppm, .2602,.1601,61.55, .3734, .1469
Sb2068,206.833 {463},Y_2243,ppm, -.0021,.0015,72.02, -.0011, -.0032
Se1960,196.090 {472},Y_2243,ppm, -.0010,.0002,24.45, -.0012, -.0008
Si2516,251.611 {134},Y_3710,ppm, .0015,.0041,266.4, -.0014, .0044
Sn1899,189.989 {477},In2306,ppm, -.0005,.0004,86.58, -.0002, -.0008
Sr4215,421.552 { 80},Y_3710,ppm, .0000,.0000,142.7, .0000, .0000
Ti3349,334.904 {101},Y_3600,ppm, -.0014,.0000,2.787, -.0014, -.0015
Tl1908,190.856 {477},In2306,ppm, -.0007,.0003,43.43, -.0005, -.0009
V_2924,292.402 {115},Y_3600,ppm, .0002,.0001,37.96, .0002, .0001
Zn2062,206.200 {463},In2306,ppm, .0007,.0000,6.426, .0007, .0007

[Internal Standards]
Elem,WL,Units,Avg,Stddev,RSD,Rep1,Rep2
In2306,230.606 {146},Cts/S, 402.48,4.6772,1.1621,405.79,399.17
In2306,230.606 {446},Cts/S, 15864.,60.051,.37853,15822.,15907.
Y_2243,224.306 {450},Cts/S, 21598.,47.456,.21973,21564.,21632.
Y_3600,360.073 { 94},Cts/S, 143620.,525.02,.36556,143990.,143250.
Y_3710,371.030 { 91},Cts/S, 18750.,160.74,.85727,18864.,18637.

Method: 20076010 03/26/12 04:26:54 PM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : B032612	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 03/26/12 04:32:11 PM page 1

Method: 20076010 Standard: S0
Run Time: 03/26/12 16:28:48

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.01101	.00169	-.00046	.00046	-.04945	.00312	-.00098
SDev	.00007	.00023	.00012	.00058	.00066	.00214	.00119
%RSD	.67891	13.707	24.977	124.78	1.3420	68.533	121.78
#1	.01106	.00153	-.00038	.00087	-.04992	.00463	-.00014
#2	.01095	.00185	-.00054	.00005	-.04899	.00161	-.00183

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00368	.00015	-.00054	.00188	.00063	.07762	.04085
SDev	.00008	.00037	.00023	.00027	.00331	.00027	.00007
%RSD	2.1163	244.32	42.407	14.326	528.52	.35104	.16266
#1	.00362	.00041	-.00071	.00207	-.00172	.07781	.04080
#2	.00373	-.00011	-.00038	.00169	.00297	.07743	.04089

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00005	-.00007	-.00202	.49757	.02776	-.00029	-.00185
SDev	.00004	.00002	.00019	.00128	.00073	.00029	.00062
%RSD	70.695	28.305	9.5766	.25753	2.6157	101.00	33.256
#1	.00008	-.00005	-.00188	.49847	.02827	-.00049	-.00229
#2	.00003	-.00008	-.00215	.49666	.02724	-.00008	-.00142

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.24684	-.00719	-.00219	.00063	-.00296	-.00001	.00050
SDev	.00119	.00073	.00052	.00166	.00048	.00006	.00025
%RSD	.48159	10.199	23.696	264.34	16.314	424.09	49.707
#1	.24600	-.00667	-.00256	-.00054	-.00261	.00003	.00033
#2	.24768	-.00771	-.00183	.00180	-.00330	-.00005	.00068

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.01369	-.00531	-.00400	.00225

SDev	.00541	.01017	.00019	.00210
%RSD	39.561	191.45	4.7891	93.412
#1	.00986	.00188	-.00414	.00373
#2	.01752	-.01251	-.00387	.00076

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36710	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0211879	--	--	--	--	--	--
#1	36716	--	--	--	--	--	--
#2	36705	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 03/26/12 16:32:58

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.80391	.98577	1.0536	12.712	18.994	6.5731	14.229
SDev	.00337	.00385	.0005	.045	.063	.0169	.050
%RSD	.41955	.39060	.05101	.35508	.33303	.25722	.35308
#1	.80629	.98849	1.0540	12.744	19.039	6.5850	14.265
#2	.80152	.98305	1.0532	12.680	18.950	6.5611	14.194

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.7166	1.9683	1.1474	1.1251	4.8131	18.918	1.1494
SDev	.0079	.0077	.0048	.0050	.0197	.065	.0043
%RSD	.29092	.38875	.42062	.44164	.40850	.34427	.37828
#1	2.7222	1.9737	1.1508	1.1286	4.8270	18.964	1.1525
#2	2.7110	1.9629	1.1440	1.1216	4.7992	18.872	1.1464

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.7254	1.5369	5.6398	2.6454	.80347	.70385	.12335
SDev	.0067	.0017	.0279	.0067	.00399	.00226	.00056
%RSD	.38553	.10778	.49527	.25435	.49680	.32140	.45730
#1	1.7301	1.5358	5.6595	2.6502	.80629	.70545	.12375
#2	1.7207	1.5381	5.6200	2.6406	.80065	.70225	.12295

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	15.648	42.484	.34931	2.4792	10.682	.49645	3.1560
SDev	.053	.151	.00056	.0071	.038	.00190	.0123
%RSD	.33893	.35425	.16055	.28697	.35852	.38226	.38958
#1	15.686	42.591	.34970	2.4842	10.709	.49779	3.1647
#2	15.611	42.378	.34891	2.4742	10.655	.49510	3.1473

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.3416	7.9116	.96480	.96595
SDev	.0201	.0258	.00328	.00018
%RSD	.60123	.32642	.34000	.01896
#1	3.3558	7.9298	.96712	.96608
#2	3.3274	7.8933	.96248	.96582

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36486	--	--	--	--	--	--
SDev	115.2584	--	--	--	--	--	--
%RSD	.3158933	--	--	--	--	--	--
#1	36405	--	--	--	--	--	--
#2	36568	--	--	--	--	--	--

03/26/12 04:37:53 PM page 3

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	25.2239	-.277589	03/26/12 04:32:58
Sb2068	206.838	STD	S0	2.03912	-.003444	03/26/12 04:32:58
As1890	189.042	STD	S0	1.87908	.000870	03/26/12 04:32:58
Ba4934	493.409	STD	S0	.157334	-.000073	03/26/12 04:32:58
Be3130	313.042	STD	S0	.052544	.002599	03/26/12 04:32:58
B_2496	249.678	STD	S0	.304416	-.000949	03/26/12 04:32:58
Cd2265	226.502	STD	S0	.070413	.000069	03/26/12 04:32:58
Ca3179	317.933	STD	S0	7.37214	-.027111	03/26/12 04:32:58
Cr2677	267.716	STD	S0	1.01617	-.000152	03/26/12 04:32:58
Co2286	228.616	STD	S0	1.74222	.000949	03/26/12 04:32:58
Cu3247	324.753	STD	S0	1.77970	-.003345	03/26/12 04:32:58
Fe2714	271.441	STD	S0	3.98379	-.002497	03/26/12 04:32:58
Li6707	670.784	STD	S0	.106154	-.008240	03/26/12 04:32:58
Pb2203	220.353		NONE	.000000	.000000	*03/26/12 04:32:58
Se1960	196.026		NONE	.000000	.000000	*03/26/12 04:32:58
Mg2790	279.078	STD	S0	18.0410	-.736915	03/26/12 04:32:58
Mn2576	257.610	STD	S0	1.15943	-.000063	03/26/12 04:32:58
Mo2020	202.030	STD	S0	1.30122	.000089	03/26/12 04:32:58
Ni2316	231.604	STD	S0	.354497	.000715	03/26/12 04:32:58
K_7664	766.491	STD	S0	9.31172	-4.63322	03/26/12 04:32:58
Si2881	288.158	STD	S0	2.55455	-.070908	03/26/12 04:32:58
Ag3280	328.068	STD	S0	1.42056	.000406	03/26/12 04:32:58
Na3302	330.232	STD	S0	159.744	.295889	03/26/12 04:32:58
Na5889	588.995	STD	S0	1.29857	-.320536	03/26/12 04:32:58
Sr4215	421.552	STD	S0	.023546	.000169	03/26/12 04:32:58
Tl1908	190.864	STD	S0	5.70821	.012517	03/26/12 04:32:58
Sn1899	189.989	STD	S0	.806911	-.000506	03/26/12 04:32:58
Ti3349	334.941	STD	S0	.187179	.000553	03/26/12 04:32:58
V_2924	292.402	STD	S0	3.98992	.000054	03/26/12 04:32:58
Zn2138	213.856	STD	S0	.634585	-.000320	03/26/12 04:32:58
2203/1	220.351	STD	S0	.604481	-.008275	03/26/12 04:32:58
2203/2	220.352	STD	S0	.251679	.001337	03/26/12 04:32:58
1960/1	196.021	STD	S0	2.06699	.008277	03/26/12 04:32:58
1960/2	196.022	STD	S0	2.07102	-.004654	03/26/12 04:32:58

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	.000000	-.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	-.000000	.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 03/26/12 04:37:53 PM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 03/26/12 04:37:53 PM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	-.000000	.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 03/26/12 04:50:08 PM page 1

Method: 20076010 Sample Name: S2 met0312cal_00001 Operator: DCL
Run Time: 03/26/12 16:46:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.831	1.9956	1.9862	1.9882	1.0012	1.9908	1.0005

SDev	.096	.0104	.0100	.0119	.0053	.0091	.0065
%RSD	.48451	.52333	.50555	.60070	.52911	.45941	.64500
#1	19.899	2.0029	1.9933	1.9966	1.0050	1.9973	1.0051
#2	19.763	1.9882	1.9791	1.9797	.99746	1.9844	.99594
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.991	2.0014	1.9996	1.9844	19.996	1.9802	2.0054
SDev	.122	.0111	.0108	.0125	.106	.0122	.0097
%RSD	.61019	.55411	.53874	.63116	.53025	.61831	.48596
#1	20.077	2.0092	2.0072	1.9933	20.071	1.9888	2.0123
#2	19.905	1.9935	1.9919	1.9756	19.921	1.9715	1.9985
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9904	20.019	1.9989	1.9929	2.0087	19.924	1.9853
SDev	.0109	.112	.0119	.0045	.0156	.105	.0104
%RSD	.54960	.56087	.59453	.22609	.77713	.52869	.52604
#1	1.9981	20.098	2.0073	1.9961	2.0197	19.998	1.9927
#2	1.9827	19.940	1.9905	1.9897	1.9976	19.849	1.9780
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99757	19.874	19.746	.99500	1.9931	2.0025	1.9962
SDev	.00567	.128	.109	.00610	.0080	.0154	.0108
%RSD	.56824	.64225	.54995	.61338	.40048	.77024	.54349
#1	1.0016	19.965	19.823	.99932	1.9875	2.0134	2.0039
#2	.99356	19.784	19.670	.99069	1.9987	1.9916	1.9885
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.9961	1.9969	2.0003	2.0079	1.9758	1.9977	
SDev	.0104	.0119	.0077	.0108	.0064	.0132	
%RSD	.52176	.59349	.38436	.53657	.32353	.66141	
#1	2.0035	2.0053	2.0057	2.0156	1.9804	2.0070	
#2	1.9887	1.9885	1.9949	2.0003	1.9713	1.9884	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35488	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0179325	--	--	--	--	--	--

#1	35484	--	--	--	--	--	--
#2	35493	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV met0312ccv_00005 Operator: DCL
Run Time: 03/26/12 16:50:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4778	.49544	.49625	.49463	.50625	.49575	.50166
SDev	.0056	.00411	.00135	.00208	.00266	.00206	.00227
%RSD	.22594	.82867	.27131	.42102	.52539	.41589	.45232
#1	2.4818	.49834	.49530	.49610	.50813	.49720	.50326
#2	2.4738	.49254	.49721	.49315	.50437	.49429	.50005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.541	.49930	.50240	.49920	2.5620	.45884	.50010
SDev	.067	.00263	.00288	.00176	.0230	.00199	.00152
%RSD	.53686	.52567	.57253	.35152	.89742	.43377	.30374
#1	12.589	.50116	.50444	.50044	2.5783	.46025	.50117
#2	12.494	.49745	.50037	.49796	2.5458	.45743	.49902

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50631	5.0147	.49302	.50819	.50171	12.009	.94687
SDev	.00302	.0328	.00220	.00341	.00117	.052	.00310
%RSD	.59680	.65500	.44598	.67118	.23284	.43236	.32697
#1	.50845	5.0379	.49457	.51060	.50088	12.045	.94905
#2	.50417	4.9914	.49146	.50578	.50253	11.972	.94468

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24751	12.550	11.799	.24740	.50643	.50722	.50308
SDev	.00067	.040	.029	.00096	.00515	.00119	.00269
%RSD	.27013	.31490	.24187	.38942	1.0173	.23407	.53533
#1	.24798	12.522	11.819	.24808	.51008	.50806	.50499
#2	.24704	12.578	11.778	.24671	.50279	.50638	.50118

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50391	.50797	.49690	.50170	.50155	.50875
SDev	.00244	.00234	.00136	.00296	.00401	.00253
%RSD	.48389	.46027	.27420	.58995	.79925	.49699
#1	.50563	.50962	.49593	.50379	.50439	.51053
#2	.50219	.50631	.49786	.49960	.49872	.50696

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/26/12 04:54:00 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35926	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.2932624	--	--	--	--	--	--
#1	35852	--	--	--	--	--	--
#2	36001	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: DCL
Run Time: 03/26/12 16:54:03

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	.00242	.00035	-.00003	.00003	.00185	.00002
SDev	.00127	.00270	.00177	.00005	.00002	.00003	.00012
%RSD	44.743	111.66	501.91	147.94	67.216	1.5747	565.48
#1	.00374	.00433	.00160	.00000	.00001	.00183	-.00006
#2	.00194	.00051	-.00090	-.00007	.00004	.00187	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	-.00025	-.00011	-.00043	.00308	.00028	-.00077
SDev	.00075	.00038	.00014	.00036	.00727	.00005	.00019
%RSD	38.188	151.25	124.24	83.546	235.68	16.233	24.138
#1	-.00251	.00002	-.00021	-.00018	-.00206	.00031	-.00064
#2	-.00144	-.00052	-.00001	-.00069	.00823	.00024	-.00090

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00304	.01586	.00002	.00301	-.00004	.10282	-.00076
SDev	.00248	.00553	.00002	.00073	.00059	.03751	.00217
%RSD	81.702	34.876	135.62	24.150	1538.9	36.483	287.77
#1	.00479	.01977	.00003	.00353	-.00046	.12934	.00078
#2	.00128	.01195	.00000	.00250	.00038	.07629	-.00229

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.05226	.00610	.00000	.00168	.00036	.00010
SDev	.00034	.01989	.00339	.00002	.00073	.00218	.00015
%RSD	127.73	38.065	55.550	730.41	43.774	602.21	141.79
#1	-.00050	.03819	.00850	.00001	.00220	-.00118	.00020
#2	-.00003	.06633	.00370	-.00001	.00116	.00190	-.00000

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.00003	-.00526	.00148	.00087	.00412
SDev	.00024	.00011	.00372	.00214	.00522	.00633
%RSD	173.92	364.22	70.711	144.95	598.29	153.75
#1	.00031	-.00011	-.00789	.00299	-.00282	.00859

#2	-.00003	.00005	-.00263	-.00004	.00456	-.00036

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36070	--	--	--	--	--	--
SDev	163.3417	--	--	--	--	--	--
%RSD	.4528526	--	--	--	--	--	--
#1	35954	--	--	--	--	--	--
#2	36185	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI met0212low_00003 Operator: DCL
Run Time: 03/26/12 16:57:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09509	.01106	.01086	.00960	.00523	.01047	.00540
SDev	.00424	.00086	.00091	.00002	.00002	.00012	.00006
%RSD	4.4575	7.8117	8.3564	.21112	.36589	1.1385	1.0351
#1	.09209	.01045	.01022	.00959	.00525	.01055	.00536
#2	.09808	.01167	.01150	.00961	.00522	.01038	.00544

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10549	.01029	.01007	.00970	.10193	.00787	.00959
SDev	.00044	.00038	.00005	.00055	.00830	.00003	.00059
%RSD	.42087	3.6940	.48794	5.6771	8.1390	.33698	6.1857
#1	.10581	.01002	.01010	.00931	.09607	.00789	.00917
#2	.10518	.01056	.01003	.01009	.10780	.00785	.01001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01106	.11419	.00963	.01085	.00985	.69009	.01288
SDev	.00340	.00214	.00003	.00010	.00009	.00568	.00118
%RSD	30.773	1.8711	.26092	.91267	.93278	.82360	9.1575
#1	.01346	.11268	.00965	.01078	.00992	.68607	.01204
#2	.00865	.11570	.00961	.01092	.00979	.69411	.01371

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00532	.75606	.56310	.00432	.01059	.00972	.00978
SDev	.00029	.08230	.00148	.00002	.00135	.00097	.00012
%RSD	5.4199	10.885	.26277	.44976	12.710	10.025	1.1721
#1	.00512	.69787	.56415	.00433	.01154	.01041	.00970
#2	.00553	.81425	.56206	.00430	.00963	.00903	.00986

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00983	.01024	.00770	.01054	.00923	.01197

SDev	.00006	.00008	.00119	.00148	.00874	.00073
%RSD	.57931	.81344	15.441	14.084	94.713	6.1270
#1	.00987	.01018	.00854	.00949	.01541	.01249
#2	.00979	.01030	.00686	.01159	.00305	.01145

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36110	--	--	--	--	--	--
SDev	75.66042	--	--	--	--	--	--
%RSD	.2095305	--	--	--	--	--	--
#1	36163	--	--	--	--	--	--

#2	36056	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00070 Operator: DCL
Run Time: 03/26/12 17:01:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	513.57	.00213	-.00099	.00172	-.00025	-.00029	-.00910
SDev	1.14	.00020	.00001	.00005	.00004	.00024	.00005
%RSD	.22165	9.3465	.61154	2.8769	15.641	81.656	.51185
#1	514.37	.00199	-.00099	.00175	-.00028	-.00046	-.00913
#2	512.76	.00227	-.00099	.00168	-.00022	-.00012	-.00907

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	466.49	.00151	-.00066	.01261	196.99	.00442	.01854
SDev	1.29	.00001	.00027	.00023	.48	.00009	.00100
%RSD	.27578	.35052	40.447	1.8505	.24551	2.0394	5.4106
#1	467.40	.00151	-.00084	.01277	197.33	.00449	.01783
#2	465.58	.00150	-.00047	.01244	196.65	.00436	.01925

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02089	530.14	-.00758	-.00040	.00070	.17790	.01339
SDev	.00295	.95	.00001	.00025	.00027	.01810	.00039
%RSD	14.105	.17832	.12959	62.438	38.708	10.175	2.8869
#1	-.01880	530.81	-.00759	-.00058	.00090	.19070	.01312
#2	-.02297	529.48	-.00757	-.00023	.00051	.16510	.01366

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00133	.01354	.19687	-.00919	.01974	-.00664	-.00365
SDev	.00002	.00251	.00342	.00001	.00095	.00204	.00011
%RSD	1.8602	18.574	1.7385	.10814	4.8215	30.668	2.9165
#1	-.00132	.01531	.19929	-.00920	.01907	-.00808	-.00358
#2	-.00135	.01176	.19445	-.00918	.02042	-.00520	-.00373

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00523	-.00599	.00635	.02464	-.00766	-.02750
SDev	.00018	.00003	.00130	.00215	.00021	.00431
%RSD	3.5261	.45859	20.497	8.7479	2.7875	15.682
#1	.00537	-.00601	.00727	.02311	-.00751	-.02445
#2	.00510	-.00597	.00543	.02616	-.00781	-.03055

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33096	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.3183385	--	--	--	--	--	--

#1	33022	--	--	--	--	--	--
#2	33171	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00072 Operator: DCL
Run Time: 03/26/12 17:05:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	521.61	1.0532	1.0425	1.0496	.50747	1.0585	.47450
SDev	1.41	.0076	.0032	.0026	.00122	.0036	.00185
%RSD	.27099	.72461	.30458	.24579	.24118	.33543	.38943
#1	522.61	1.0586	1.0448	1.0514	.50833	1.0610	.47581
#2	520.61	1.0478	1.0403	1.0478	.50660	1.0560	.47319

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	471.18	1.0005	.97217	1.0965	205.88	1.1765	1.0209
SDev	1.43	.0025	.00173	.0039	.51	.0033	.0048
%RSD	.30312	.24978	.17838	.35756	.24690	.27829	.46973
#1	472.19	1.0023	.97340	1.0993	206.24	1.1788	1.0243
#2	470.17	.99874	.97094	1.0938	205.52	1.1742	1.0175

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0186	537.99	.99731	1.0204	.96116	14.190	1.0475
SDev	.0031	1.45	.00257	.0033	.00354	.062	.0021
%RSD	.30359	.27040	.25733	.32190	.36885	.43518	.19644
#1	1.0164	539.02	.99913	1.0227	.96367	14.233	1.0490
#2	1.0208	536.96	.99550	1.0181	.95865	14.146	1.0460

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55063	12.062	13.265	.50457	1.0269	1.0173	1.0203
SDev	.00129	.050	.045	.00157	.0030	.0016	.0027

%RSD	.23363	.41612	.33612	.31084	.28803	.15316	.26248
#1	.55154	12.097	13.296	.50568	1.0290	1.0184	1.0221
#2	.54972	12.026	13.233	.50346	1.0248	1.0162	1.0184

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0179	1.0335	1.0114	1.0256	1.0245	1.0156
SDev	.0026	.0023	.0108	.0018	.0086	.0090
%RSD	.25575	.22610	1.0714	.17304	.84434	.88260
#1	1.0197	1.0351	1.0191	1.0269	1.0306	1.0093
#2	1.0161	1.0318	1.0038	1.0244	1.0184	1.0220

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33101	--	--	--	--	--	--

SDev	179.6051	--	--	--	--	--	--
%RSD	.5425973	--	--	--	--	--	--
#1	32974	--	--	--	--	--	--
#2	33228	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/26/12 17:09:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5158	.49519	.50213	.49562	.50791	.49513	.50239
SDev	.0294	.00798	.00432	.00240	.00279	.00250	.00283
%RSD	1.1686	1.6114	.86013	.48339	.54911	.50497	.56384
#1	2.5366	.50083	.50519	.49731	.50988	.49690	.50439
#2	2.4951	.48955	.49908	.49393	.50594	.49337	.50039

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.566	.50097	.50429	.50196	2.5873	.45993	.50124
SDev	.082	.00266	.00317	.00273	.0333	.00202	.00365
%RSD	.65203	.53176	.62905	.54426	1.2866	.43912	.72808
#1	12.624	.50285	.50654	.50389	2.6109	.46136	.50382
#2	12.508	.49908	.50205	.50003	2.5638	.45850	.49866

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51158	5.0677	.49450	.50595	.50798	12.006	.94956
SDev	.00083	.0517	.00273	.00232	.00159	.066	.00574
%RSD	.16298	1.0194	.55131	.45914	.31364	.54567	.60474
#1	.51099	5.1042	.49643	.50759	.50911	12.052	.95362
#2	.51217	5.0311	.49257	.50431	.50685	11.960	.94549

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24892	12.769	11.831	.24830	.50484	.51411	.50443
SDev	.00192	.095	.042	.00118	.00048	.00287	.00274
%RSD	.77079	.74126	.35581	.47691	.09578	.55901	.54360
#1	.25027	12.835	11.861	.24914	.50518	.51614	.50637
#2	.24756	12.702	11.802	.24747	.50449	.51208	.50249

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50600	.50888	.49847	.50263	.50752	.51367
SDev	.00280	.00376	.00257	.00419	.00025	.00113
%RSD	.55285	.73785	.51564	.83342	.04906	.21918
#1	.50798	.51154	.50029	.50559	.50734	.51287
#2	.50403	.50623	.49665	.49967	.50770	.51446

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	36169	--	--	--	--	--	--
SDev	93.33810	--	--	--	--	--	--
%RSD	.2580610	--	--	--	--	--	--
#1	36103	--	--	--	--	--	--
#2	36235	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/26/12 17:13:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00208	-.00043	.00071	.00003	.00003	.00056	.00007
SDev	.00068	.00044	.00140	.00001	.00002	.00003	.00004
%RSD	32.511	102.42	195.45	31.792	68.022	5.0007	54.051
#1	.00255	-.00012	-.00027	.00002	.00005	.00058	.00010
#2	.00160	-.00074	.00170	.00004	.00002	.00054	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00018	.00037	-.00049	.00438	.00012	-.00054
SDev	.00017	.00008	.00014	.00028	.00414	.00001	.00033
%RSD	57.246	44.069	36.898	56.097	94.624	7.7514	61.441
#1	.00018	-.00024	.00047	-.00030	.00731	.00013	-.00077
#2	.00043	-.00012	.00027	-.00069	.00145	.00011	-.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00658	-.00002	.00176	-.00012	.04601	-.00053
SDev	.00075	.00259	.00002	.00043	.00019	.00649	.00027
%RSD	999.98	39.421	148.97	24.448	152.22	14.104	51.392

#1	.00060	.00474	.00000	.00207	.00001	.04142	-.00033
#2	-.00045	.00841	-.00003	.00146	-.00026	.05060	-.00072

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.05292	-.00059	.00001	.00415	-.00128	.00005
SDev	.00008	.07523	.00101	.00001	.00068	.00147	.00002
%RSD	40.821	142.14	171.36	221.31	16.347	115.03	35.047
#1	-.00026	.10612	.00013	.00002	.00463	-.00024	.00007
#2	-.00014	-.00027	-.00131	-.00000	.00367	-.00231	.00004

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00021	-.00211	.00025	-.00289	.00156
SDev	.00008	.00010	.00044	.00072	.00318	.00271
%RSD	87.315	48.687	20.935	289.54	109.87	173.66
#1	-.00004	.00014	-.00180	-.00026	-.00514	.00347
#2	-.00015	.00028	-.00242	.00075	-.00065	-.00036

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36168	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1114401	--	--	--	--	--	--
#1	36196	--	--	--	--	--	--
#2	36139	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-75591/1-a Operator: DCL
Run Time: 03/26/12 17:17:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.00027	-.00078	.00118	.00004	.00061	.00003
SDev	.00644	.00181	.00010	.00007	.00001	.00043	.00014
%RSD	760.06	681.81	13.138	5.7948	19.059	69.587	523.62
#1	-.00371	-.00102	-.00085	.00113	.00005	.00031	-.00007
#2	.00540	.00155	-.00071	.00123	.00004	.00092	.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00712	.00061	.00017	.00014	.01140	-.00003	-.00114
SDev	.00042	.00014	.00003	.00042	.00859	.00003	.00054
%RSD	5.8950	23.004	17.992	312.30	75.321	108.13	47.388
#1	.00682	.00051	.00015	-.00016	.00533	-.00005	-.00076
#2	.00742	.00071	.00019	.00044	.01747	-.00001	-.00152

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.00330	.00036	.00067	-.00037	-.02132	.00173
SDev	.00363	.00397	.00002	.00027	.00018	.02003	.00127
%RSD	1859.5	120.16	6.5983	40.607	48.768	93.956	73.705
#1	.00237	-.00611	.00035	.00086	-.00049	-.03548	.00083
#2	-.00276	-.00050	.00038	.00048	-.00024	-.00715	.00263

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.02478	-.00061	.00010	.00166	.00049	.00042
SDev	.00076	.15821	.00133	.00001	.00180	.00035	.00036
%RSD	4603.5	638.36	219.07	12.387	108.12	71.831	84.740
#1	-.00056	-.13666	-.00154	.00009	.00293	.00074	.00017
#2	.00052	.08709	.00033	.00011	.00039	.00024	.00067

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00197	-.00404	.00031	.00227	-.00143
SDev	.00007	.00014	.00343	.00091	.00082	.00503
%RSD	33.405	7.0090	85.008	294.28	36.037	352.75
#1	.00017	.00207	-.00161	-.00033	.00285	.00213
#2	.00028	.00187	-.00647	.00095	.00169	-.00499

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36827	--	--	--	--	--	--
SDev	147.0782	--	--	--	--	--	--
%RSD	.3993760	--	--	--	--	--	--
#1	36931	--	--	--	--	--	--
#2	36723	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-75591/2-a Operator: DCL
Run Time: 03/26/12 17:20:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.005	.99841	1.0070	1.0026	.51383	1.0007	.50608
SDev	.518	.05349	.0539	.0524	.02699	.0506	.02630
%RSD	5.1771	5.3573	5.3494	5.2305	5.2535	5.0591	5.1968
#1	10.371	1.0362	1.0451	1.0397	.53292	1.0365	.52467
#2	9.6386	.96059	.96890	.96549	.49475	.96488	.48748

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.115	1.0147	1.0243	1.0147	10.168	.46530	1.0131
SDev	.527	.0535	.0532	.0511	.553	.02321	.0441
%RSD	5.2137	5.2735	5.1977	5.0349	5.4426	4.9874	4.3505

#1	10.488	1.0526	1.0619	1.0508	10.560	.48171	1.0443
#2	9.7422	.97688	.98661	.97855	9.7771	.44889	.98194

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0158	10.168	1.0114	1.0340	1.0304	9.6574	.95512
SDev	.0379	.573	.0530	.0518	.0559	.6093	.05070
%RSD	3.7265	5.6373	5.2422	5.0077	5.4287	6.3088	5.3082
#1	1.0426	10.573	1.0489	1.0706	1.0700	10.088	.99098
#2	.98904	9.7628	.97394	.99739	.99089	9.2266	.91927

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50789	9.7425	9.6560	.50294	1.0089	1.0180	1.0090
SDev	.02693	.5545	.4541	.02607	.0476	.0516	.0522
%RSD	5.3019	5.6917	4.7030	5.1843	4.7140	5.0704	5.1782
#1	.52693	10.135	9.9771	.52138	1.0425	1.0545	1.0460
#2	.48885	9.3504	9.3348	.48450	.97528	.98150	.97207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0203	1.0204	1.0165	1.0114	1.0138	1.0168
SDev	.0534	.0525	.0405	.0459	.0407	.0365
%RSD	5.2336	5.1476	3.9826	4.5354	4.0096	3.5854

#1	1.0580	1.0576	1.0451	1.0438	1.0426	1.0426
#2	.98250	.98327	.98787	.97897	.98509	.99101

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37613	--	--	--	--	--	--
SDev	1598.061	--	--	--	--	--	--
%RSD	4.248694	--	--	--	--	--	--
#1	36483	--	--	--	--	--	--
#2	38743	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52548-a-1-a Operator: DCL
Run Time: 03/26/12 17:24:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6037	.00143	.02238	.02253	.00045	.18640	.00186
SDev	.0144	.00181	.00019	.00016	.00001	.00087	.00011
%RSD	.21876	126.54	.85613	.72942	2.2055	.46519	5.9884
#1	6.6139	.00271	.02252	.02264	.00046	.18701	.00194
#2	6.5935	.00015	.02225	.02241	.00044	.18579	.00178

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	321.47	.00297	.00919	.00403	1.1650	.02822	.00036
SDev	1.88	.00005	.00009	.00008	.0043	.00011	.00025
%RSD	.58613	1.8012	.95216	1.9328	.36832	.39209	68.366
#1	322.80	.00301	.00925	.00408	1.1680	.02830	.00053
#2	320.13	.00293	.00913	.00397	1.1619	.02814	.00019

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00401	37.009	1.0931	.00441	.03804	42.257	26.469
SDev	.00125	.205	.0060	.00125	.00018	.126	.101
%RSD	31.274	.55362	.55007	28.241	.46312	.29881	.38270
#1	.00489	37.154	1.0974	.00529	.03817	42.346	26.540
#2	.00312	36.865	1.0889	.00353	.03792	42.168	26.397

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	390.96	275.65	2.2696	.00810	.00172	.01284
SDev	.00030	.61	1.21	.0106	.00098	.00054	.00005
%RSD	56.259	.15647	.43870	.46814	12.160	31.513	.35625
#1	-.00032	391.40	276.50	2.2771	.00880	.00134	.01281
#2	-.00075	390.53	274.79	2.2621	.00741	.00210	.01288

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00552	.14422	-.00316	.00212	.00293	.00454
SDev	.00025	.00086	.00106	.00090	.00001	.00188
%RSD	4.5317	.59972	33.375	42.276	.29089	41.449
#1	.00534	.14483	-.00391	.00275	.00292	.00588
#2	.00570	.14360	-.00242	.00149	.00294	.00321

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35296	--	--	--	--	--	--
SDev	374.7666	--	--	--	--	--	--
%RSD	1.061782	--	--	--	--	--	--
#1	35031	--	--	--	--	--	--
#2	35561	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52574-d-3-a Operator: DCL
Run Time: 03/26/12 17:28:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.822	.00280	.01106	.65969	.00106	.24626	-.00067
SDev	.101	.00371	.00037	.00312	.00003	.00124	.00004

%RSD	.56731	132.15	3.3751	.47219	3.0031	.50416	6.6247
#1	17.894	.00018	.01133	.66189	.00108	.24714	-.00070
#2	17.751	.00542	.01080	.65748	.00103	.24539	-.00063

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	223.03	.01875	.00671	.01587	16.001	.04693	.01412
SDev	.25	.00018	.00045	.00005	.033	.00034	.00111
%RSD	.11112	.94292	6.7093	.31587	.20875	.72763	7.8474
#1	223.21	.01887	.00703	.01590	16.025	.04718	.01333
#2	222.86	.01862	.00640	.01583	15.977	.04669	.01490

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	41.041	.52970	.00418	.01474	5.1789	45.934
SDev	.00181	.064	.00118	.00002	.00002	.0028	.186
%RSD	107.19	.15519	.22302	.43317	.11898	.05365	.40513
#1	.00297	41.086	.53053	.00417	.01473	5.1769	46.066
#2	.00041	40.996	.52886	.00419	.01475	5.1809	45.802

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	251.86	191.31	.76409	.00532	.00133	.12208
SDev	.00020	2.08	1.44	.00334	.00208	.00020	.00037
%RSD	65.062	.82656	.75362	.43732	39.109	15.214	.30268
#1	.00044	253.33	192.33	.76646	.00679	.00147	.12235
#2	.00016	250.38	190.29	.76173	.00385	.00118	.12182

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04292	.12612	.01069	.01583	.00153	.00176
SDev	.00009	.00006	.00081	.00125	.00059	.00242
%RSD	.21097	.04720	7.6167	7.9253	38.594	136.93
#1	.04298	.12607	.01012	.01494	.00195	.00347
#2	.04286	.12616	.01127	.01671	.00111	.00006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36101	--	--	--	--	--	--
SDev	384.6661	--	--	--	--	--	--
%RSD	1.065528	--	--	--	--	--	--
#1	36373	--	--	--	--	--	--
#2	35829	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52574-c-6-a Operator: DCL
Run Time: 03/26/12 17:32:32
Comment: TRACE 61E

Analysis Report 03/26/12 05:36:20 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8756	-.00042	.00153	.40020	.00091	.29929	.00098
SDev	.0238	.00029	.00040	.00237	.00002	.00114	.00008
%RSD	1.2696	70.278	26.397	.59131	2.5888	.37966	7.7764
#1	1.8925	-.00021	.00124	.40187	.00089	.30009	.00104
#2	1.8588	-.00063	.00182	.39852	.00092	.29849	.00093

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.766	.00100	.00413	.03555	1.2967	.02750	.00506
SDev	.410	.00015	.00028	.00017	.0041	.00017	.00014
%RSD	.51407	15.496	6.8712	.47948	.31769	.61953	2.7824
#1	80.056	.00089	.00434	.03567	1.2996	.02762	.00496
#2	79.476	.00111	.00393	.03543	1.2938	.02737	.00516

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	32.071	.39524	.00099	.00560	1.3602	15.870
SDev	.00310	.176	.00222	.00036	.00014	.0247	.116
%RSD	1055.9	.54731	.56103	36.347	2.5479	1.8180	.72888
#1	-.00248	32.195	.39680	.00124	.00550	1.3776	15.952
#2	.00190	31.947	.39367	.00074	.00570	1.3427	15.789

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	181.99	143.14	.55611	.00144	.00025	.01092
SDev	.00003	1.30	.86	.00287	.00060	.00029	.00100
%RSD	33.740	.71431	.59864	.51569	41.620	112.70	9.1277

#1	-.00011	182.91	143.75	.55814	.00101	.00046	.01162
#2	-.00007	181.07	142.53	.55408	.00186	.00005	.01022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01476	.01693	.00252	.00633	.00153	-.00121
SDev	.00037	.00021	.00012	.00027	.00220	.00575
%RSD	2.4879	1.2352	4.9150	4.3131	143.90	476.96
#1	.01502	.01707	.00261	.00614	.00309	-.00527
#2	.01450	.01678	.00243	.00653	-.00003	.00286

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36099	--	--	--	--	--	--
SDev	125.8650	--	--	--	--	--	--
%RSD	.3486662	--	--	--	--	--	--
#1	36010	--	--	--	--	--	--
#2	36188	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52574-c-8-a Operator: DCL
Run Time: 03/26/12 17:36:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3379	.00144	.00090	.28550	.00173	.12829	.00008
SDev	.0132	.00234	.00187	.00231	.00003	.00041	.00013
%RSD	.98528	162.32	207.28	.80859	2.0261	.32281	154.52
#1	1.3472	-.00021	.00223	.28713	.00175	.12859	-.00001
#2	1.3285	.00310	-.00042	.28387	.00170	.12800	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.298	.01953	.00517	.00853	3.4139	.00411	.02369
SDev	.465	.00016	.00037	.00047	.0242	.00004	.00119
%RSD	.64269	.80586	7.0866	5.5560	.70814	.96817	5.0215
#1	72.627	.01964	.00491	.00820	3.4310	.00413	.02453
#2	71.970	.01942	.00543	.00887	3.3968	.00408	.02284

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	20.235	1.9742	.01214	.00723	1.0344	8.8630
SDev	.00017	.129	.0135	.00072	.00020	.0087	.0656
%RSD	20.713	.63750	.68237	5.9530	2.8238	.84449	.73962
#1	-.00072	20.327	1.9837	.01266	.00737	1.0406	8.9093
#2	-.00097	20.144	1.9646	.01163	.00708	1.0283	8.8166

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00021	10.574	9.5457	.42891	.00060	-.00035	.00427
SDev	.00016	.051	.0880	.00317	.00163	.00080	.00048
%RSD	77.782	.48195	.92220	.73827	271.91	227.41	11.154
#1	-.00033	10.538	9.6080	.43114	.00175	-.00092	.00461
#2	-.00009	10.610	9.4835	.42667	-.00055	.00021	.00394

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00816	.09817	.02019	.02543	-.00336	.00041
SDev	.00016	.00030	.00338	.00009	.00449	.00198
%RSD	1.9654	.30247	16.748	.36568	133.78	478.68
#1	.00827	.09838	.02258	.02550	-.00018	-.00099
#2	.00804	.09796	.01780	.02537	-.00653	.00182

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36966	--	--	--	--	--	--

SDev	3.535534	--	--	--	--	--	--
%RSD	.0095642	--	--	--	--	--	--
#1	36964	--	--	--	--	--	--
#2	36969	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52574-c-3-a Operator: DCL
Run Time: 03/26/12 17:40:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09059	.00105	.00086	.45274	-.00002	.23417	-.00006
SDev	.00295	.00005	.00226	.00376	.00004	.00220	.00006
%RSD	3.2615	4.9250	262.30	.83058	205.72	.94021	94.552
#1	.08850	.00101	.00245	.45008	.00001	.23261	-.00010
#2	.09267	.00108	-.00073	.45540	-.00004	.23573	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.770	.00000	.00134	.00217	.26473	.03328	.00066
SDev	.623	.00042	.00014	.00040	.01012	.00036	.00027
%RSD	.81144	12871.	10.052	18.545	3.8221	1.0813	40.665
#1	76.330	.00030	.00144	.00245	.25757	.03303	.00085
#2	77.211	-.00030	.00125	.00188	.27188	.03354	.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	34.668	.26793	.00262	.00087	1.5760	12.189
SDev	.00156	.291	.00228	.00013	.00023	.0562	.095
%RSD	1761.7	.84019	.85222	4.9993	27.006	3.5669	.78183
#1	.00102	34.462	.26631	.00253	.00070	1.5362	12.122
#2	-.00119	34.874	.26954	.00272	.00104	1.6157	12.257

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	244.92	185.14	.58877	.00133	.00095	.00069
SDev	.00013	1.80	1.23	.00499	.00227	.00008	.00004
%RSD	24.573	.73485	.66389	.84810	170.63	8.4104	5.7136
#1	-.00063	243.64	184.27	.58524	-.00028	.00090	.00072
#2	-.00044	246.19	186.01	.59230	.00294	.00101	.00067

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00267	.00596	-.00174	.00186	.00203	-.00115
SDev	.00013	.00021	.00024	.00028	.00510	.00021
%RSD	4.8762	3.5495	14.088	15.065	251.50	17.917
#1	.00276	.00611	-.00157	.00206	.00563	-.00129
#2	.00258	.00581	-.00191	.00166	-.00158	-.00100

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35422	--	--	--	--	--	--
SDev	381.1306	--	--	--	--	--	--
%RSD	1.075986	--	--	--	--	--	--
#1	35691	--	--	--	--	--	--
#2	35152	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52574-d-6-a Operator: DCL
Run Time: 03/26/12 17:44:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0334	.00079	.00215	.21089	.00016	.30075	.00004
SDev	.0273	.00018	.00093	.00255	.00002	.00276	.00005
%RSD	2.6453	23.268	43.072	1.2074	11.120	.91709	127.67
#1	1.0528	.00092	.00280	.21270	.00015	.30270	.00000
#2	1.0141	.00066	.00149	.20909	.00018	.29880	.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.623	.00052	.00179	.00458	.52598	.02503	.00123
SDev	.844	.00012	.00023	.00033	.01718	.00033	.00090
%RSD	1.1781	23.689	12.977	7.2164	3.2659	1.3326	73.357
#1	72.219	.00061	.00162	.00481	.53813	.02526	.00059
#2	71.026	.00043	.00195	.00435	.51383	.02479	.00187

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	29.648	.32635	.00233	.00266	1.0976	13.901
SDev	.00296	.363	.00407	.00045	.00042	.0379	.212
%RSD	696.63	1.2236	1.2482	19.125	15.864	3.4489	1.5251

#1	.00167	29.905	.32923	.00265	.00236	1.1244	14.051
#2	-.00252	29.392	.32347	.00202	.00296	1.0708	13.751

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	180.08	141.46	.50238	.00218	.00105	.01593
SDev	.00030	2.47	1.57	.00641	.00085	.00262	.00136
%RSD	68.748	1.3734	1.1114	1.2767	38.943	248.31	8.5602

#1	-.00022	181.83	142.57	.50692	.00158	-.00080	.01689
#2	-.00065	178.33	140.35	.49785	.00278	.00290	.01496

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00294	.00461	-.00222	.00295	-.00147	.00010
SDev	.00018	.00004	.00128	.00071	.00192	.00540
%RSD	6.0849	.95329	57.664	24.173	130.65	5566.5

#1	.00306	.00458	-.00312	.00245	-.00283	.00392
#2	.00281	.00465	-.00131	.00346	-.00011	-.00372

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36288	--	--	--	--	--	--
SDev	239.7092	--	--	--	--	--	--
%RSD	.6605652	--	--	--	--	--	--

#1	36119	--	--	--	--	--	--
#2	36458	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52574-d-8-a Operator: DCL
Run Time: 03/26/12 17:47:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06944	.00208	.00021	.15728	.00009	.12847	-.00000
SDev	.00404	.00016	.00007	.00064	.00000	.00088	.00002
%RSD	5.8144	7.8817	36.208	.40559	3.9882	.68346	1228.0

#1	.06659	.00197	.00015	.15683	.00009	.12785	.00002
#2	.07230	.00220	.00026	.15773	.00010	.12909	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.018	.00036	.00288	.00164	.47349	.00363	.00028
SDev	.284	.00038	.00003	.00003	.01103	.00002	.00079
%RSD	.43725	103.18	1.0531	1.5401	2.3288	.63446	284.58

#1	64.817	.00010	.00291	.00165	.46569	.00361	-.00028
#2	65.219	.00063	.00286	.00162	.48129	.00364	.00084

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00105	18.868	1.7248	.00701	.00297	.91259	7.0879

SDev	.00062	.100	.0075	.00019	.00014	.01358	.0240
%RSD	59.492	.53028	.43594	2.7048	4.5391	1.4884	.33844
#1	-.00149	18.797	1.7195	.00715	.00287	.90299	7.0709
#2	-.00061	18.939	1.7302	.00688	.00306	.92220	7.1049

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	10.448	9.4279	.38754	.00284	.00070	.00143
SDev	.00080	.046	.0234	.00130	.00053	.00002	.00010
%RSD	225.94	.43846	.24853	.33486	18.772	2.5376	6.7292
#1	-.00092	10.415	9.4114	.38662	.00247	.00069	.00150
#2	.00021	10.480	9.4445	.38846	.00322	.00071	.00137

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.00917	-.00279	.00181	-.00379	.00032
SDev	.00008	.00011	.00044	.00096	.00170	.00009
%RSD	8.1723	1.2392	15.823	53.261	44.831	27.950
#1	.00089	.00909	-.00310	.00113	-.00499	.00025
#2	.00100	.00925	-.00247	.00249	-.00259	.00038

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36452	--	--	--	--	--	--
SDev	64.34672	--	--	--	--	--	--
%RSD	.1765269	--	--	--	--	--	--
#1	36497	--	--	--	--	--	--
#2	36406	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52321-d-2-a Operator: DCL
Run Time: 03/26/12 17:51:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09096	.01091	.01061	.17736	-.00004	.48221	.00008
SDev	.00007	.00188	.00127	.00075	.00005	.00142	.00008
%RSD	.07494	17.236	11.925	.42478	126.79	.29347	109.40
#1	.09101	.01224	.00971	.17789	-.00008	.48321	.00002
#2	.09091	.00958	.01150	.17683	-.00000	.48121	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.354	.00116	.00023	.00576	.16534	.02979	-.00036
SDev	.440	.00038	.00018	.00027	.00909	.00006	.00041
%RSD	.51563	32.802	76.503	4.6821	5.4984	.18824	113.02
#1	85.665	.00089	.00011	.00557	.15891	.02983	-.00065
#2	85.043	.00142	.00036	.00595	.17177	.02975	-.00007

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11819	35.106	.01644	.03714	.00771	23.678	10.859
SDev	.00591	.206	.00005	.00044	.00023	.104	.040
%RSD	4.9976	.58780	.27929	1.1967	2.9840	.43814	.37059
#1	.12236	35.252	.01641	.03745	.00755	23.752	10.888
#2	.11401	34.960	.01647	.03682	.00787	23.605	10.831

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	1026.9	568.55	.74565	.00418	.00074	.00127
SDev	.00006	3.0	4.83	.00327	.00108	.00009	.00014
%RSD	25.189	.28926	.85004	.43875	25.729	11.873	10.590

#1	-.00028	1029.0	571.97	.74797	.00342	.00080	.00118
#2	-.00020	1024.8	565.13	.74334	.00494	.00068	.00137

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02041	.12200	-.00499	.00195	.11511	.11972
SDev	.00004	.00036	.00132	.00005	.00387	.00692
%RSD	.20682	.29841	26.522	2.5171	3.3663	5.7818
#1	.02038	.12226	-.00593	.00199	.11785	.12462
#2	.02044	.12175	-.00406	.00192	.11237	.11483

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35316	--	--	--	--	--	--
SDev	200.1112	--	--	--	--	--	--
%RSD	.5666385	--	--	--	--	--	--
#1	35174	--	--	--	--	--	--
#2	35457	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/26/12 17:55:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4860	.49516	.50041	.49565	.51432	.49547	.50351
SDev	.0102	.00491	.00339	.00207	.00171	.00154	.00231
%RSD	.41111	.99121	.67726	.41729	.33234	.31183	.45816
#1	2.4933	.49863	.50280	.49711	.51553	.49656	.50514
#2	2.4788	.49168	.49801	.49419	.51311	.49437	.50188

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.638	.50616	.51055	.50955	2.5912	.45712	.50354
SDev	.044	.00185	.00296	.00239	.0190	.00231	.00191
%RSD	.34479	.36478	.58047	.46873	.73230	.50612	.37986
#1	12.669	.50746	.51265	.51124	2.6046	.45875	.50489
#2	12.607	.50485	.50845	.50786	2.5778	.45548	.50218

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51447	5.0593	.49815	.50980	.50514	11.852	.97056
SDev	.00342	.0200	.00211	.00181	.00334	.059	.00794
%RSD	.66417	.39556	.42423	.35452	.66224	.50012	.81777
#1	.51688	5.0734	.49964	.51108	.50751	11.894	.97617
#2	.51205	5.0451	.49665	.50852	.50278	11.811	.96495

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.25039	12.819	11.806	.24845	.50200	.51386	.50677
SDev	.00177	.178	.075	.00094	.00291	.00152	.00131
%RSD	.70718	1.3895	.63516	.37886	.57872	.29507	.25865
#1	.25164	12.945	11.859	.24911	.49994	.51493	.50769
#2	.24914	12.693	11.753	.24778	.50405	.51279	.50584

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51112	.51091	.50302	.50380	.51523	.51415
SDev	.00140	.00160	.00192	.00191	.00776	.00125
%RSD	.27336	.31254	.38076	.37942	1.5060	.24232
#1	.51211	.51204	.50437	.50515	.52071	.51503
#2	.51013	.50978	.50167	.50244	.50974	.51327

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36818	--	--	--	--	--	--
SDev	44.54773	--	--	--	--	--	--
%RSD	.1209928	--	--	--	--	--	--
#1	36850	--	--	--	--	--	--
#2	36787	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/26/12 17:59:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00510	-.00008	-.00180	.00006	.00009	.00149	-.00012
SDev	.00999	.00343	.00025	.00005	.00009	.00086	.00009
%RSD	195.98	4406.8	13.670	82.113	96.491	57.641	75.537
#1	-.01216	-.00250	-.00163	.00003	.00016	.00088	-.00006
#2	.00197	.00234	-.00198	.00010	.00003	.00210	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00019	-.00024	.00033	-.00865	.00019	-.00101
SDev	.00070	.00076	.00047	.00089	.01693	.00017	.00068
%RSD	2884.1	392.50	200.58	272.67	195.72	86.792	67.586

#1	-.00052	-.00035	.00010	-.00030	.00332	.00007	-.00053
#2	.00047	.00073	-.00057	.00096	-.02062	.00031	-.00149

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00010	.00008	.00149	.00007	.02447	.00771
SDev	.00073	.01128	.00007	.00162	.00003	.08224	.00488
%RSD	408.30	11621.	87.299	108.63	36.144	336.03	63.296

#1	.00069	-.00788	.00003	.00263	.00005	-.03368	.00426

#2	-.00034	.00807	.00013	.00034	.00009	.08262	.01116

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00074	-.12415	.02592	.00004	.00373	-.00058	.00023
SDev	.00086	.07323	.00405	.00002	.00279	.00011	.00006
%RSD	116.06	58.987	15.625	36.170	74.725	18.603	26.468

#1	-.00013	-.07237	.02306	.00003	.00570	-.00066	.00019
#2	-.00135	-.17593	.02878	.00005	.00176	-.00051	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00046	-.00689	.00193	-.00468	.00261
SDev	.00039	.00024	.00616	.00206	.00667	.00225
%RSD	67.940	53.810	89.475	106.58	142.51	86.102

#1	.00030	.00028	-.00253	.00048	.00004	.00102
#2	.00084	.00063	-.01125	.00339	-.00940	.00420

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36211	--	--	--	--	--	--
SDev	934.7952	--	--	--	--	--	--
%RSD	2.581523	--	--	--	--	--	--

#1	36872	--	--	--	--	--	--
#2	35550	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52481-i-1-a Operator: DCL
Run Time: 03/26/12 18:03:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00998	.00120	.00324	.34050	-.00002	.45953	-.00005
SDev	.00393	.00089	.00159	.00184	.00001	.00237	.00001
%RSD	39.403	74.155	49.068	.53963	39.015	.51588	22.008

#1	.01277	.00057	.00211	.34180	-.00003	.46121	-.00005
#2	.00720	.00183	.00436	.33920	-.00002	.45785	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	204.99	-.00046	.00117	.00144	1.1325	.05718	-.00054
SDev	1.28	.00018	.00004	.00001	.0089	.00031	.00003

%RSD	.62396	40.196	3.1011	.90653	.78998	.54757	4.9935
#1	205.90	-.00033	.00120	.00143	1.1388	.05740	-.00056
#2	204.09	-.00059	.00115	.00145	1.1261	.05696	-.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	153.01	.52024	.00283	.00147	7.1785	8.8322

Analysis Report 03/26/12 06:07:09 PM page 23

SDev	.00243	.91	.00310	.00030	.00064	.0590	.0533
%RSD	223.69	.59402	.59553	10.712	43.265	.82171	.60389
#1	.00280	153.65	.52243	.00305	.00102	7.2202	8.8699
#2	-.00063	152.36	.51805	.00262	.00192	7.1368	8.7945

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	363.69	260.12	2.5761	.00458	-.00018	-.00140
SDev	.00034	1.83	1.51	.0154	.00108	.00075	.00002
%RSD	69.792	.50405	.57986	.59663	23.568	409.40	1.5079
#1	-.00025	364.98	261.19	2.5870	.00382	-.00071	-.00138
#2	-.00073	362.39	259.05	2.5652	.00535	.00035	-.00141

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00066	.00388	-.00313	.00076	.00573	-.00124
SDev	.00024	.00008	.00058	.00025	.00632	.00048
%RSD	36.586	2.1592	18.460	32.912	110.20	38.620
#1	-.00049	.00382	-.00354	.00093	.01020	-.00090
#2	-.00083	.00394	-.00272	.00058	.00127	-.00158

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34867	--	--	--	--	--	--
SDev	166.8772	--	--	--	--	--	--
%RSD	.4786107	--	--	--	--	--	--
#1	34749	--	--	--	--	--	--
#2	34985	--	--	--	--	--	--

Analysis Report 03/26/12 06:13:37 PM page 1

Method: 20076010 Sample Name: 600-52459-d-2-a Operator: DCL
Run Time: 03/26/12 18:09:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01416	.00220	.00368	.08052	.00008	.53970	-.00003
SDev	.00314	.00030	.00171	.00069	.00002	.00374	.00003
%RSD	22.195	13.696	46.367	.85215	23.915	.69344	85.327
#1	.01638	.00199	.00489	.08100	.00007	.54234	-.00001
#2	.01194	.00241	.00247	.08003	.00010	.53705	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.610	.00052	-.00006	.02100	.04927	.02218	-.00055
SDev	.194	.00039	.00006	.00022	.00294	.00021	.00029
%RSD	.75735	75.252	99.086	1.0538	5.9728	.95672	51.726
#1	25.747	.00024	-.00002	.02115	.05136	.02233	-.00035
#2	25.473	.00079	-.00010	.02084	.04719	.02203	-.00076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	6.4162	.00538	.00303	.00097	14.416	7.3918
SDev	.00119	.0660	.00000	.00028	.00076	.159	.0584
%RSD	242.32	1.0293	.07567	9.2495	78.438	1.0997	.78980
#1	.00134	6.4629	.00538	.00323	.00151	14.528	7.4330
#2	-.00035	6.3695	.00537	.00283	.00043	14.304	7.3505

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	178.11	139.24	.41106	.00454	-.00144	.00022
SDev	.00031	1.55	1.52	.00307	.00486	.00155	.00019
%RSD	65.608	.87025	1.0947	.74707	106.92	107.25	88.886
#1	-.00070	179.20	140.32	.41323	.00111	-.00035	.00008
#2	-.00026	177.01	138.16	.40889	.00798	-.00254	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.06931	-.00319	.00076	-.00382	.00265
SDev	.00014	.00001	.00168	.00041	.00148	.00253
%RSD	13.413	.01985	52.797	53.964	38.763	95.557
#1	.00097	.06932	-.00200	.00047	-.00486	.00444
#2	.00117	.06930	-.00438	.00105	-.00277	.00086

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36271	--	--	--	--	--	--
SDev	329.5118	--	--	--	--	--	--
%RSD	.9084716	--	--	--	--	--	--

Analysis Report 03/26/12 06:13:37 PM page 2

#1	36038	--	--	--	--	--	--
#2	36504	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52459-d-2-b du Operator: DCL
Run Time: 03/26/12 18:13:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00922	.00089	.00333	.07939	.00014	.53521	.00009
SDev	.00164	.00022	.00028	.00040	.00002	.00420	.00008
%RSD	17.775	24.474	8.5268	.50443	14.957	.78506	91.197

#1	.00806	.00074	.00313	.07911	.00016	.53223	.00003
#2	.01038	.00105	.00353	.07968	.00013	.53818	.00015
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.486	.00030	.00001	.02068	.04571	.02185	.00073
SDev	.162	.00021	.00008	.00058	.00358	.00021	.00001
%RSD	.63465	69.355	732.64	2.7830	7.8290	.95926	1.3276
#1	25.372	.00044	.00007	.02027	.04318	.02170	.00073
#2	25.601	.00015	-.00005	.02109	.04824	.02200	.00074
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	6.3742	.00565	.00271	.00084	14.252	7.3456
SDev	.00235	.0500	.00008	.00160	.00020	.067	.0381
%RSD	145.10	.78462	1.4373	58.953	23.375	.47344	.51906
#1	-.00004	6.3388	.00559	.00158	.00071	14.204	7.3186
#2	.00329	6.4096	.00571	.00384	.00098	14.300	7.3726
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	176.79	138.02	.40818	.00167	.00169	.00037
SDev	.00004	.59	.45	.00211	.00113	.00009	.00038
%RSD	9.7174	.33457	.32966	.51796	67.473	5.4517	102.03
#1	-.00046	176.37	137.69	.40668	.00247	.00175	.00010
#2	-.00040	177.20	138.34	.40967	.00088	.00162	.00064
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00089	.06966	-.00271	.00246	.00055	.00216	
SDev	.00005	.00071	.00191	.00097	.00204	.00455	
%RSD	5.5684	1.0159	70.610	39.531	369.17	210.80	
#1	.00092	.06915	-.00136	.00177	.00199	-.00106	
#2	.00085	.07016	-.00406	.00314	-.00089	.00538	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/26/12 06:17:28 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37159	--	--	--	--	--	--
SDev	523.2590	--	--	--	--	--	--
%RSD	1.408162	--	--	--	--	--	--
#1	37529	--	--	--	--	--	--
#2	36789	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52459-d-2-c ms Operator: DCL
Run Time: 03/26/12 18:17:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	10.581	1.0265	1.0388	1.1018	.52984	1.5493	.50356
SDev	.046	.0001	.0020	.0023	.00072	.0022	.00084
%RSD	.43674	.00867	.19716	.20797	.13624	.14167	.16612
#1	10.614	1.0264	1.0403	1.1034	.53035	1.5508	.50415
#2	10.548	1.0266	1.0374	1.1002	.52933	1.5477	.50297
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.002	1.0373	1.0505	1.0867	10.328	.54705	1.0225
SDev	.096	.0021	.0009	.0039	.010	.00261	.0009
%RSD	.27468	.20203	.08220	.35997	.10139	.47621	.08947
#1	35.070	1.0388	1.0512	1.0894	10.320	.54889	1.0231
#2	34.934	1.0358	1.0499	1.0839	10.335	.54520	1.0218
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0445	16.543	1.0357	1.0612	1.0235	25.703	8.4939
SDev	.0087	.039	.0024	.0003	.0026	.116	.0314
%RSD	.83713	.23291	.23450	.03100	.25075	.45192	.36924
#1	1.0383	16.570	1.0375	1.0610	1.0253	25.785	8.5160
#2	1.0507	16.516	1.0340	1.0614	1.0217	25.621	8.4717
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52382	188.21	147.25	.91881	1.0380	1.0494	1.0327
SDev	.00033	.94	.79	.00209	.0103	.0014	.0017
%RSD	.06297	.49984	.53364	.22746	.99513	.13584	.16869
#1	.52359	188.87	147.81	.92028	1.0307	1.0484	1.0339
#2	.52405	187.54	146.70	.91733	1.0453	1.0504	1.0315
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.0511	1.1106	1.0290	1.0192	1.0442	1.0446	
SDev	.0025	.0018	.0013	.0020	.0127	.0067	
%RSD	.23318	.16600	.12721	.19885	1.2208	.64535	
#1	1.0528	1.1119	1.0281	1.0207	1.0352	1.0399	

#2	1.0494	1.1093	1.0300	1.0178	1.0532	1.0494	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37385	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0037828	--	--	--	--	--	--
#1	37384	--	--	--	--	--	--
#2	37386	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52459-d-2-d msd Operator: DCL
Run Time: 03/26/12 18:21:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.774	1.0534	1.0601	1.1196	.54233	1.5843	.51386
SDev	.011	.0052	.0124	.0012	.00388	.0093	.00417
%RSD	.10571	.49453	1.1663	.10344	.71512	.58972	.81239
#1	10.766	1.0571	1.0688	1.1204	.54507	1.5909	.51681
#2	10.783	1.0497	1.0513	1.1188	.53959	1.5777	.51091

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.827	1.0596	1.0732	1.1060	10.552	.55666	1.0437
SDev	.233	.0065	.0062	.0016	.072	.00198	.0055
%RSD	.64947	.61409	.57688	.14922	.68147	.35561	.52991
#1	35.992	1.0642	1.0776	1.1072	10.603	.55526	1.0476
#2	35.663	1.0550	1.0689	1.1048	10.501	.55806	1.0398

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0707	16.936	1.0569	1.0909	1.0360	26.187	8.6839
SDev	.0014	.134	.0061	.0064	.0085	.058	.0277
%RSD	.12712	.78967	.57847	.58304	.81662	.22310	.31855
#1	1.0717	17.031	1.0612	1.0954	1.0420	26.146	8.7035
#2	1.0697	16.842	1.0525	1.0864	1.0300	26.228	8.6644

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53462	192.77	150.32	.93582	1.0610	1.0775	1.0551
SDev	.00216	.56	.51	.00181	.0034	.0059	.0040
%RSD	.40443	.28909	.33924	.19391	.31570	.55037	.37465
#1	.53615	192.38	149.95	.93710	1.0634	1.0817	1.0579
#2	.53309	193.17	150.68	.93454	1.0586	1.0733	1.0523

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0719	1.1319	1.0567	1.0372	1.0778	1.0672

SDev	.0065	.0074	.0021	.0072	.0025	.0008
%RSD	.60518	.65420	.19851	.69872	.22898	.07567
#1	1.0765	1.1372	1.0582	1.0423	1.0795	1.0677
#2	1.0673	1.1267	1.0552	1.0321	1.0760	1.0666

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37142	--	--	--	--	--	--
SDev	368.4026	--	--	--	--	--	--
%RSD	.9918895	--	--	--	--	--	--
#1	36881	--	--	--	--	--	--
#2	37402	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52459-d-2-a Operator: DCL
Run Time: 03/26/12 18:25:13
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.322	.99839	1.0190	1.0816	.51636	1.5356	.49656
SDev	.046	.00317	.0081	.0039	.00132	.0042	.00117
%RSD	.44865	.31763	.79258	.35719	.25555	.27105	.23581
#1	10.354	.99614	1.0247	1.0844	.51730	1.5385	.49739
#2	10.289	1.0006	1.0133	1.0789	.51543	1.5326	.49573

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.151	1.0218	1.0242	1.0637	10.078	1.0641	1.0100
SDev	.104	.0032	.0025	.0043	.017	.0059	.0024
%RSD	.29446	.31707	.23981	.40236	.16642	.55703	.23325
#1	35.224	1.0241	1.0260	1.0667	10.090	1.0683	1.0116
#2	35.078	1.0195	1.0225	1.0607	10.066	1.0599	1.0083

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0241	16.393	1.0202	1.0276	.99455	25.400	8.5578
SDev	.0010	.045	.0034	.0023	.00231	.151	.0304
%RSD	.10038	.27406	.33133	.22449	.23266	.59416	.35567
#1	1.0248	16.425	1.0226	1.0293	.99618	25.506	8.5793
#2	1.0233	16.361	1.0178	1.0260	.99291	25.293	8.5362

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51030	188.82	147.33	.90525	1.0205	1.0336	1.0116
SDev	.00115	1.19	.87	.00295	.0010	.0007	.0027
%RSD	.22618	.63257	.59386	.32598	.09932	.06975	.26379
#1	.51112	189.66	147.95	.90733	1.0198	1.0341	1.0134
#2	.50949	187.97	146.71	.90316	1.0212	1.0331	1.0097

Analysis Report 03/26/12 06:29:00 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0232	1.0969	1.0244	1.0027	1.0335	1.0193
SDev	.0029	.0032	.0006	.0033	.0038	.0034
%RSD	.28151	.29602	.05525	.32418	.36694	.33730
#1	1.0253	1.0992	1.0248	1.0050	1.0308	1.0218
#2	1.0212	1.0946	1.0240	1.0004	1.0362	1.0169

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37053	--	--	--	--	--	--
SDev	7.071068	--	--	--	--	--	--
%RSD	.0190837	--	--	--	--	--	--
#1	37048	--	--	--	--	--	--
#2	37058	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52459-d-2-a@5 Operator: DCL

Run Time: 03/26/12 18:29:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00726	.00436	.00145	.01604	.00021	.10723	.00013
SDev	.00495	.00378	.00097	.00036	.00006	.00318	.00006
%RSD	68.164	86.698	66.425	2.2165	28.104	2.9698	41.552
#1	-.00376	.00704	.00077	.01629	.00017	.10949	.00009
#2	-.01077	.00169	.00213	.01579	.00025	.10498	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1227	.00024	.00005	.00452	.00754	.00405	.00045
SDev	.1291	.00032	.00055	.00040	.00392	.00027	.00039
%RSD	2.5206	132.54	1195.5	8.8992	51.983	6.5675	86.156
#1	5.2140	.00002	-.00034	.00424	.00477	.00424	.00073
#2	5.0314	.00047	.00044	.00481	.01032	.00386	.00018

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	1.2610	.00122	.00443	-.00010	2.3781	1.4451
SDev	.00116	.0452	.00000	.00170	.00053	.1461	.0409
%RSD	96.382	3.5885	.06660	38.432	542.19	6.1443	2.8303
#1	.00202	1.2930	.00122	.00563	-.00047	2.4815	1.4740
#2	.00038	1.2290	.00122	.00322	.00028	2.2748	1.4162

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	30.834	26.919	.08117	.00455	.00038	.00028
SDev	.00037	.728	.671	.00204	.00150	.00015	.00009

%RSD	118.45	2.3609	2.4915	2.5175	32.888	40.601	32.164
#1	-.00057	31.348	27.393	.08262	.00561	.00027	.00022
#2	-.00005	30.319	26.445	.07973	.00350	.00049	.00035

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.01791	-.00146	.00140	-.00003	.00181
SDev	.00013	.00037	.00327	.00222	.00400	.00373
%RSD	16.765	2.0708	224.99	158.09	12549.	205.72
#1	.00066	.01817	-.00377	.00297	-.00286	.00445
#2	.00083	.01765	.00086	-.00017	.00280	-.00082

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36864	--	--	--	--	--	--
SDev	675.2870	--	--	--	--	--	--
%RSD	1.831858	--	--	--	--	--	--
#1	36386	--	--	--	--	--	--
#2	37341	--	--	--	--	--	--

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Method: 20076010   Sample Name: mb 600-75633/1-a       Operator: DCL
Run Time: 03/26/12 18:32:54
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.01322   .00472    .00075    .00417    .00020    .00170    .00010
 SDev     .00124   .00109    .00154    .00002    .00002    .00000    .00011
 %RSD    9.3842    23.061    205.30    .55991    9.6393    .00228    111.75

 #1      -.01410   .00549    .00184    .00415    .00019    .00170    .00018
 #2      -.01235   .00395    -.00034   .00418    .00022    .00169    .00002

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .72160    .00020    -.00027   .00042    .02442    -.00014   .00100
 SDev    .00428    .00035     .00001   .00036    .00018     .00002   .00039
 %RSD    .59364    170.76    1.9731    84.068    .75046    13.548    39.200

 #1      .72463    -.00004   -.00028   .00017    .02455    -.00013   .00073
 #2      .71857    .00045    -.00027   .00068    .02429    -.00016   .00128

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00054    -.02120   .00072    .00067    -.00003   -.07059   .00686
 SDev    .00192     .00419   .00000    .00038     .00009    .01638   .00146
 %RSD    355.46    19.744    .46805    56.066    293.25    23.199    21.328

 #1      -.00082   -.01824   .00072    .00093    .00003    -.05901   .00583
 #2      .00190    -.02416   .00072    .00040    -.00010   -.08216   .00790


Analysis Report                          03/26/12 06:36:42 PM         page 8


 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00019   .05896    .06345    .00067    .00196    .03168    .00009
 SDev     .00019   .04162    .00657    .00002    .00233    .00025    .00006
 %RSD    102.17    70.593    10.357    2.5489    118.88    .78782    68.909

 #1      -.00032   .08838    .06810    .00066    .00031    .03186    .00005
 #2      -.00005   .02953    .05881    .00068    .00361    .03150    .00014

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00017    .03214    .00087    .00107    -.00422   .00292
 SDev    .00030    .00026    .00002    .00058     .00163   .00206
 %RSD    179.07    .82171    1.9273    54.343    38.693    70.602

 #1      -.00004   .03232    .00086    .00066    -.00537   .00146
 #2      .00038    .03195    .00088    .00148    -.00306   .00438

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    37068     --        --        --        --        --        --
 SDev    163.3417  --        --        --        --        --        --
 %RSD    .4406601  --        --        --        --        --        --
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#1	36952	--	--	--	--	--	--
#2	37183	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-75633/2-a Operator: DCL
Run Time: 03/26/12 18:36:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.104	.91853	1.3139	2.4887	1.5699	.85858	.69409
SDev	.174	.01185	.0024	.0058	.0016	.00105	.00100
%RSD	.22284	1.2897	.18109	.23468	.10427	.12207	.14451
#1	78.227	.91015	1.3156	2.4928	1.5710	.85932	.69480
#2	77.981	.92690	1.3122	2.4846	1.5687	.85784	.69338

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.014	1.0396	1.4489	1.1361	154.32	.07531	1.3577
SDev	.170	.0017	.0023	.0030	.39	.00019	.0012
%RSD	.18858	.16352	.15902	.26081	.25432	.25357	.09062
#1	90.134	1.0408	1.4506	1.1382	154.60	.07544	1.3585
#2	89.894	1.0384	1.4473	1.1340	154.05	.07517	1.3568

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9080	39.087	5.2176	.96606	1.3252	43.354	3.6787
SDev	.0059	.055	.0100	.00159	.0069	.074	.0066
%RSD	.30877	.14195	.19219	.16496	.52125	.17108	.18033

#1	1.9122	39.126	5.2247	.96719	1.3301	43.407	3.6834
#2	1.9038	39.048	5.2105	.96493	1.3204	43.302	3.6740

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45857	3.2920	6.1700	2.4389	1.5932	1.6485	3.6134
SDev	.00017	.1040	.0121	.0054	.0022	.0051	.0057
%RSD	.03816	3.1595	.19641	.22279	.13835	.30697	.15736
#1	.45845	3.3655	6.1786	2.4427	1.5947	1.6520	3.6174
#2	.45869	3.2184	6.1615	2.4350	1.5916	1.6449	3.6094

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61893	2.1247	1.3787	1.3471	1.9244	1.8998
SDev	.00053	.0033	.0044	.0004	.0183	.0003
%RSD	.08639	.15397	.31998	.02676	.94886	.01542
#1	.61931	2.1270	1.3818	1.3469	1.9373	1.8996
#2	.61855	2.1224	1.3756	1.3474	1.9115	1.9000

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39083	--	--	--	--	--	--
SDev	74.95332	--	--	--	--	--	--

%RSD	.1917799	--	--	--	--	--	--
#1	39030	--	--	--	--	--	--
#2	39136	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52398-a-1-f Operator: DCL
Run Time: 03/26/12 18:40:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.134	-.19677	.05865	.48858	-.00131	.23617	-.00521
SDev	.027	.00398	.01321	.00153	.00001	.00137	.00004
%RSD	.06642	2.0235	22.528	.31317	.94205	.58058	.68875
#1	41.115	-.19396	.04931	.48966	-.00130	.23714	-.00519
#2	41.153	-.19959	.06799	.48750	-.00132	.23520	-.00524

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.179	95.552	.11208	4.0988	750.78	.00430	.22709
SDev	.164	.065	.00128	.0048	3.61	.00012	.00083
%RSD	.46735	.06806	1.1436	.11628	.48078	2.6708	.36390
#1	35.295	95.598	.11299	4.1021	753.33	.00439	.22651
#2	35.063	95.506	.11117	4.0954	748.23	.00422	.22768

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01994	5.0068	7.2625	5.7784	36.092	6.8417	4.7084
SDev	.00178	.0367	.0362	.0322	.490	.0486	.0001
%RSD	8.9089	.73213	.49816	.55792	1.3578	.71067	.00155
#1	-.01868	5.0327	7.2881	5.8012	36.439	6.8761	4.7083
#2	-.02120	4.9809	7.2369	5.7556	35.746	6.8073	4.7084

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00227	8.8842	6.8263	.28167	.03711	.16159	.46127
SDev	.00049	.2255	.0293	.00094	.00413	.00294	.00215
%RSD	21.385	2.5387	.42902	.33532	11.117	1.8178	.46582
#1	-.00261	8.7247	6.8056	.28234	.04003	.16366	.46279
#2	-.00193	9.0437	6.8470	.28100	.03420	.15951	.45975

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52509	27.514	.26358	.20885	-.01671	-.02156
SDev	.00134	.246	.00216	.00016	.00271	.00402
%RSD	.25432	.89518	.81795	.07739	16.245	18.655
#1	.52604	27.688	.26205	.20873	-.01863	-.01871
#2	.52415	27.340	.26510	.20896	-.01479	-.02440

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	37966	--	--	--	--	--	--
SDev	515.4808	--	--	--	--	--	--
%RSD	1.357761	--	--	--	--	--	--
#1	37601	--	--	--	--	--	--
#2	38330	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/26/12 18:44:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4959	.49738	.49737	.49362	.51548	.49014	.49454
SDev	.0076	.00377	.00082	.00138	.00160	.00081	.00163
%RSD	.30593	.75863	.16495	.27901	.30991	.16581	.33002
#1	2.5013	.50005	.49795	.49459	.51661	.48956	.49569
#2	2.4905	.49471	.49679	.49264	.51435	.49071	.49338

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.560	.51967	.51025	.51443	2.5739	.45754	.50024
SDev	.044	.00499	.00098	.00234	.0294	.00119	.00379
%RSD	.34638	.95958	.19272	.45498	1.1437	.26037	.75832

#1	12.591	.52320	.51094	.51609	2.5947	.45838	.50292
#2	12.529	.51614	.50955	.51278	2.5531	.45670	.49756

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51127	4.9732	.49458	.50910	.48585	11.673	.97248
SDev	.00012	.0198	.00177	.00165	.00242	.038	.00734
%RSD	.02373	.39812	.35862	.32398	.49849	.32367	.75457
#1	.51136	4.9872	.49584	.51027	.48414	11.699	.97767
#2	.51119	4.9592	.49333	.50794	.48756	11.646	.96729

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25036	12.868	11.928	.24694	.50076	.51360	.50557
SDev	.00068	.080	.024	.00056	.00404	.00337	.00180
%RSD	.27071	.61880	.20242	.22507	.80768	.65699	.35634
#1	.25084	12.924	11.945	.24733	.50362	.51598	.50684
#2	.24988	12.812	11.911	.24655	.49790	.51121	.50429

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50986	.50618	.50780	.49646	.51556	.50919
SDev	.00177	.00307	.00443	.00347	.00069	.00016
%RSD	.34648	.60660	.87308	.69963	.13348	.03178
#1	.51111	.50835	.51093	.49892	.51605	.50907
#2	.50861	.50400	.50466	.49401	.51508	.50930

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38380	--	--	--	--	--	--
SDev	144.2498	--	--	--	--	--	--
%RSD	.3758462	--	--	--	--	--	--
#1	38278	--	--	--	--	--	--
#2	38482	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/26/12 18:48:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02771	.00225	.00024	-.00004	.00032	.00126	.00009
SDev	.00280	.00381	.00216	.00005	.00002	.00057	.00012
%RSD	10.106	169.60	892.71	109.38	5.3561	45.524	134.20
#1	-.02573	.00494	.00177	-.00001	.00033	.00167	.00017
#2	-.02970	-.00045	-.00129	-.00008	.00031	.00086	.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00063	-.00014	.00032	-.00007	.00422	-.00019	-.00146
SDev	.00097	.00002	.00043	.00061	.02342	.00002	.00026
%RSD	152.58	13.837	133.24	918.09	555.06	10.420	17.894
#1	.00005	-.00013	.00062	.00036	.02078	-.00018	-.00164
#2	-.00132	-.00015	.00002	-.00049	-.01234	-.00021	-.00127

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	-.03215	-.00000	.00193	-.00047	-.14519	.00494
SDev	.00110	.00052	.00004	.00147	.00037	.00021	.00297
%RSD	154.74	1.6223	6855.8	76.359	77.822	.14731	60.188
#1	.00149	-.03178	.00003	.00297	-.00021	-.14504	.00704
#2	-.00007	-.03252	-.00003	.00089	-.00073	-.14534	.00284

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.18711	-.00339	.00001	.00657	.00029	-.00003
SDev	.00027	.12369	.00172	.00006	.00345	.00018	.00023
%RSD	215.00	66.104	50.665	656.32	52.483	62.774	790.90
#1	.00006	.27457	-.00218	.00006	.00901	.00016	.00013
#2	-.00031	.09965	-.00461	-.00004	.00413	.00042	-.00019

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00085	-.00486	.00025	.00237	-.00012
SDev	.00062	.00019	.00173	.00047	.00343	.00337
%RSD	249.92	22.221	35.522	192.12	144.75	2843.6
#1	.00019	.00098	-.00608	.00058	-.00006	.00226

#2	-.00068	.00072	-.00364	-.00009	.00480	-.00250	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37451	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0226570	--	--	--	--	--	--
#1	37457	--	--	--	--	--	--
#2	37445	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52572-a-1-a@10 Operator: DCL
Run Time: 03/26/12 18:52:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62008	.00474	.01243	6.3886	.00047	.00422	-.00076
SDev	.00766	.00102	.00092	.0450	.00001	.00028	.00003

%RSD	1.2350	21.449	7.4286	.70479	1.6636	6.6578	4.3337
#1	.62549	.00402	.01308	6.4204	.00046	.00402	-.00073
#2	.61466	.00545	.01177	6.3568	.00047	.00441	-.00078

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1588	.00401	.00385	.01934	21.331	.00067	.01202
SDev	.0294	.00009	.00033	.00017	.134	.00001	.00077
%RSD	.56950	2.3491	8.5546	.89930	.62956	1.0299	6.4010
#1	5.1796	.00408	.00409	.01922	21.426	.00067	.01147
#2	5.1380	.00395	.00362	.01947	21.236	.00068	.01256

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00356	7.1820	.15621	.00130	.00316	.00856	.27330
SDev	.00114	.0471	.00088	.00047	.00009	.00451	.00375
%RSD	31.946	.65563	.56516	36.327	2.7306	52.671	1.3704
#1	.00437	7.2153	.15684	.00096	.00322	.00537	.27595
#2	.00276	7.1487	.15559	.00163	.00310	.01174	.27065

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	.07896	.04823	5.1609	.00146	.00573	.01949
SDev	.00013	.03961	.00044	.0354	.00120	.00118	.00015
%RSD	32.377	50.158	.90946	.68629	81.825	20.550	.78628
#1	-.00051	.10696	.04854	5.1859	.00231	.00656	.01960
#2	-.00032	.05095	.04792	5.1358	.00062	.00490	.01938

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00538	.23415	.01014	.01296	.00320	.00375
SDev	.00008	.00134	.00024	.00103	.00264	.00039

%RSD	1.5491	.57105	2.4156	7.9602	82.481	10.392
#1	.00532	.23510	.00997	.01223	.00506	.00402
#2	.00544	.23321	.01031	.01369	.00133	.00347

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37190	--	--	--	--	--	--
SDev	20.50610	--	--	--	--	--	--
%RSD	.0551395	--	--	--	--	--	--
#1	37204	--	--	--	--	--	--
#2	37175	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52572-a-2-a@10 Operator: DCL
Run Time: 03/26/12 18:56:02
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7295	.00147	.00365	.02586	.00030	.00275	-.00029
SDev	.0090	.00082	.00070	.00017	.00000	.00004	.00006
%RSD	.32823	56.055	19.301	.66082	1.4535	1.3565	21.266
#1	2.7359	.00205	.00315	.02598	.00030	.00273	-.00024
#2	2.7232	.00089	.00415	.02574	.00030	.00278	-.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6447	.00159	.00218	.00129	8.8972	.00045	.00055
SDev	.0028	.00004	.00029	.00029	.0160	.00002	.00000
%RSD	.17053	2.6785	13.447	22.646	.18029	5.3895	.66063
#1	1.6467	.00162	.00198	.00108	8.9085	.00047	.00055
#2	1.6427	.00156	.00239	.00150	8.8858	.00044	.00055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	5.4316	.05464	-.00009	.00379	-.15875	.25203
SDev	.00181	.0107	.00011	.00044	.00050	.01419	.00021
%RSD	167.54	.19720	.19469	516.13	13.290	8.9381	.08275
#1	.00237	5.4391	.05471	-.00040	.00414	-.14872	.25188
#2	-.00020	5.4240	.05456	.00023	.00343	-.16879	.25218

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	-.21045	.06799	.00511	-.00151	.00604	.29422
SDev	.00005	.09483	.00121	.00012	.00381	.00243	.00043
%RSD	12.042	45.061	1.7733	2.2845	252.53	40.198	.14742
#1	-.00039	-.27750	.06884	.00519	-.00420	.00775	.29453
#2	-.00047	-.14339	.06714	.00502	.00119	.00432	.29391

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00384	.01128	-.00226	.00196	-.00029	.00177
SDev	.00007	.00012	.00140	.00070	.00315	.00115
%RSD	1.8435	1.0302	62.036	35.564	1080.0	64.920
#1	.00379	.01120	-.00326	.00245	.00193	.00258
#2	.00389	.01136	-.00127	.00147	-.00252	.00096

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37394	--	--	--	--	--	--
SDev	87.68124	--	--	--	--	--	--
%RSD	.2344794	--	--	--	--	--	--
#1	37332	--	--	--	--	--	--
#2	37456	--	--	--	--	--	--

Analysis Report 03/26/12 06:59:50 PM page 15

Method: 20076010 Sample Name: 600-52572-a-3-a@10 Operator: DCL
Run Time: 03/26/12 18:59:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44911	.00285	.00717	2.6710	.00031	.00094	-.00193
SDev	.00096	.00290	.00107	.0049	.00002	.00030	.00002
%RSD	.21326	101.71	14.953	.18207	6.8831	32.017	.84543
#1	.44979	.00490	.00793	2.6744	.00032	.00115	-.00194
#2	.44843	.00080	.00641	2.6675	.00029	.00073	-.00191

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9575	.02710	.00385	.02957	44.932	.00060	.01269
SDev	.0053	.00023	.00033	.00013	.056	.00000	.00073
%RSD	.13440	.85415	8.5929	.44695	.12549	.33571	5.7653
#1	3.9612	.02727	.00408	.02948	44.972	.00060	.01321
#2	3.9537	.02694	.00362	.02966	44.892	.00060	.01218

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	4.6797	.15065	.00136	.00745	-.11637	.21310
SDev	.00110	.0075	.00035	.00022	.00039	.00743	.00058
%RSD	8469.4	.16102	.23370	16.303	5.2373	6.3807	.27212
#1	-.00077	4.6850	.15089	.00152	.00773	-.12162	.21269
#2	.00079	4.6743	.15040	.00121	.00718	-.11112	.21351

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	.09859	.04251	13.883	.00289	.00702	.00446
SDev	.00019	.00607	.00017	.074	.00065	.00069	.00001
%RSD	35.683	6.1526	.40592	.53224	22.398	9.8161	.31849
#1	-.00066	.09430	.04239	13.935	.00335	.00654	.00447

#2	-.00040	.10288	.04264	13.831	.00243	.00751	.00445

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00510	.19794	.01018	.01395	-.00030	.00017
SDev	.00045	.00029	.00010	.00115	.00184	.00073
%RSD	8.8658	.14873	.95391	8.2162	608.72	427.86
#1	.00478	.19815	.01011	.01476	-.00161	-.00035
#2	.00542	.19773	.01025	.01314	.00100	.00069

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37244	--	--	--	--	--	--

SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	37244	--	--	--	--	--	--
#2	37244	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52584-a-1-a Operator: DCL
Run Time: 03/26/12 19:03:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.30	.04427	.20395	3.4091	.01492	.04512	11.843
SDev	.37	.00026	.00064	.0054	.00001	.00048	.027
%RSD	.17256	.57554	.31172	.15826	.03290	1.0654	.22715
#1	217.57	.04409	.20440	3.4129	.01493	.04546	11.862
#2	217.04	.04445	.20350	3.4053	.01492	.04478	11.824

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1415.7	.24984	.09641	.29847	203.37	.11740	22.343
SDev	3.6	.00034	.00032	.00118	.27	.00028	.024
%RSD	.25496	.13781	.33100	.39376	.13421	.23684	.10608
#1	1418.3	.24959	.09663	.29930	203.57	.11759	22.360
#2	1413.2	.25008	.09618	.29763	203.18	.11720	22.327

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00746	32.244	10.114	.00687	.33533	29.656	6.0778
SDev	.00139	.026	.012	.00128	.00162	.067	.0056
%RSD	18.604	.08204	.11667	18.649	.48425	.22466	.09250
#1	.00845	32.262	10.122	.00778	.33648	29.703	6.0818
#2	.00648	32.225	10.105	.00597	.33418	29.608	6.0738

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00236	6.4906	6.8747	4.6825	.02455	.06795	.19198
SDev	.00006	.0102	.0147	.0047	.00086	.00078	.00024

%RSD	2.5001	.15728	.21396	.09992	3.5133	1.1467	.12406
#1	-.00240	6.4834	6.8851	4.6858	.02516	.06740	.19215
#2	-.00232	6.4979	6.8643	4.6792	.02394	.06850	.19182

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81952	.69724	22.927	22.052	.00973	.00633
SDev	.00057	.00100	.024	.024	.00443	.00013
%RSD	.07020	.14325	.10483	.10673	45.528	2.0907
#1	.81993	.69795	22.944	22.068	.01287	.00624
#2	.81911	.69654	22.910	22.035	.00660	.00642

Analysis Report 03/26/12 07:07:31 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40189	--	--	--	--	--	--
SDev	134.3503	--	--	--	--	--	--
%RSD	.3342962	--	--	--	--	--	--
#1	40094	--	--	--	--	--	--
#2	40284	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52584-a-1-b du Operator: DCL
Run Time: 03/26/12 19:07:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	214.33	.22795	.32716	5.4842	.01651	.04906	12.271
SDev	.61	.00025	.00043	.0156	.00004	.00013	.035
%RSD	.28491	.11052	.13062	.28480	.23468	.25787	.28490
#1	214.76	.22813	.32686	5.4952	.01653	.04915	12.296
#2	213.89	.22777	.32746	5.4731	.01648	.04897	12.247

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1300.7	.25877	.20329	1.1527	238.39	.11611	74.004
SDev	3.2	.00065	.00023	.0026	.57	.00036	.512
%RSD	.24282	.25003	.11179	.22617	.23977	.30970	.69153
#1	1302.9	.25923	.20345	1.1546	238.79	.11636	74.366
#2	1298.4	.25831	.20313	1.1509	237.98	.11585	73.642

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07089	37.778	31.885	.01444	.73003	32.004	6.2506
SDev	.00038	.098	.093	.00153	.00281	.109	.0184
%RSD	.53738	.25875	.29230	10.560	.38547	.33969	.29395
#1	.07062	37.847	31.950	.01551	.73202	32.081	6.2636
#2	.07116	37.709	31.819	.01336	.72804	31.927	6.2376

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00312	8.6189	9.2904	4.6587	.04739	.32311	.20339
SDev	.00101	.2420	.0336	.0130	.00352	.00031	.00051
%RSD	32.265	2.8078	.36220	.27809	7.4345	.09726	.25002
#1	-.00384	8.4478	9.3142	4.6679	.04490	.32333	.20375
#2	-.00241	8.7901	9.2666	4.6496	.04988	.32288	.20303

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0149	1.1118	75.256	73.378	.06188	.07539
SDev	.0020	.0031	.251	.642	.01230	.00558
%RSD	.19595	.27945	.33373	.87502	19.872	7.3968

#1	1.0163	1.1140	75.434	73.832	.05318	.07934
#2	1.0135	1.1096	75.079	72.924	.07057	.07145

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40227	--	--	--	--	--	--
SDev	106.0660	--	--	--	--	--	--
%RSD	.2636687	--	--	--	--	--	--
#1	40152	--	--	--	--	--	--
#2	40302	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52584-a-1-c ms Operator: DCL
Run Time: 03/26/12 19:11:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	265.94	.62738	1.3653	4.3130	.45333	.61193	9.7802
SDev	.44	.00709	.0016	.0067	.00068	.00172	.0224
%RSD	.16684	1.1295	.12065	.15459	.14908	.28185	.22885
#1	266.26	.62237	1.3665	4.3177	.45381	.61314	9.7961
#2	265.63	.63239	1.3642	4.3083	.45285	.61071	9.7644

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1362.4	1.1538	1.0147	2.1430	302.68	.62242	79.908
SDev	2.8	.0015	.0019	.0037	.58	.00111	.078
%RSD	.20355	.12588	.18641	.17043	.19000	.17797	.09719
#1	1364.4	1.1549	1.0161	2.1456	303.09	.62320	79.853
#2	1360.5	1.1528	1.0134	2.1404	302.27	.62164	79.963

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91540	55.286	18.038	.77082	1.4028	46.652	6.8991
SDev	.00291	.106	.032	.00124	.0044	.094	.0125
%RSD	.31835	.19253	.17526	.16105	.31454	.20071	.18180
#1	.91334	55.361	18.060	.76994	1.4060	46.719	6.9080
#2	.91746	55.211	18.015	.77170	1.3997	46.586	6.8902

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47454	18.097	19.081	5.1158	.86588	1.1453	.50436
SDev	.00051	.015	.038	.0070	.00111	.0043	.00113
%RSD	.10824	.08056	.20154	.13752	.12798	.37627	.22333
#1	.47490	18.107	19.108	5.1208	.86666	1.1483	.50515
#2	.47417	18.087	19.054	5.1108	.86510	1.1422	.50356

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1062	2.0989	81.701	79.011	.93355	.90632
SDev	.0034	.0038	.013	.123	.01398	.00262
%RSD	.16280	.18311	.01572	.15557	1.4976	.28899
#1	2.1086	2.1016	81.710	78.924	.92367	.90817
#2	2.1037	2.0962	81.692	79.098	.94344	.90447

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39853	--	--	--	--	--	--
SDev	70.71068	--	--	--	--	--	--
%RSD	.1774287	--	--	--	--	--	--
#1	39803	--	--	--	--	--	--
#2	39903	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52584-a-1-d msd Operator: DCL
Run Time: 03/26/12 19:15:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	283.81	1.0873	1.3447	3.0321	.45648	.61888	8.3585
SDev	.26	.0033	.0018	.0035	.00044	.00177	.0021
%RSD	.09005	.30373	.13731	.11692	.09662	.28671	.02555
#1	283.99	1.0850	1.3460	3.0346	.45679	.62014	8.3600
#2	283.63	1.0896	1.3434	3.0296	.45617	.61763	8.3570

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1317.0	1.2015	.96039	3.7110	254.41	.63120	138.50
SDev	2.4	.0010	.00091	.0022	.31	.00081	.27
%RSD	.17959	.07967	.09447	.05936	.12232	.12902	.19384
#1	1318.7	1.2022	.96103	3.7125	254.63	.63177	138.69
#2	1315.3	1.2008	.95975	3.7094	254.19	.63062	138.31

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0085	56.520	11.337	.76564	1.6618	51.140	7.4875
SDev	.0028	.073	.015	.00026	.0009	.059	.0051
%RSD	.27330	.12837	.12915	.03405	.05544	.11535	.06775

#1	1.0065	56.571	11.347	.76582	1.6625	51.182	7.4911
#2	1.0104	56.468	11.327	.76546	1.6612	51.098	7.4839

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47871	19.535	20.691	5.5095	.88566	1.9728	.48307
SDev	.00043	.124	.017	.0053	.00696	.0033	.00101
%RSD	.08944	.63514	.08201	.09582	.78609	.16941	.20977

#1	.47902	19.623	20.703	5.5132	.88074	1.9705	.48379
#2	.47841	19.448	20.679	5.5057	.89058	1.9752	.48235

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7505	2.8769	140.40	137.55	1.0192	1.0031
SDev	.0023	.0032	.01	.40	.0085	.0001
%RSD	.12963	.11034	.00846	.28845	.83606	.01261
#1	1.7521	2.8792	140.41	137.83	1.0132	1.0032
#2	1.7489	2.8747	140.39	137.27	1.0253	1.0030

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40336	--	--	--	--	--	--
SDev	107.4802	--	--	--	--	--	--
%RSD	.2664623	--	--	--	--	--	--
#1	40260	--	--	--	--	--	--
#2	40412	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52584-a-2-a Operator: DCL
Run Time: 03/26/12 19:19:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	201.29	.04039	.20492	2.0701	.01395	.03640	.00140
SDev	.55	.00919	.00097	.0047	.00002	.00102	.00056
%RSD	.27484	22.762	.47110	.22502	.15551	2.7897	39.752
#1	201.69	.04689	.20561	2.0734	.01397	.03712	.00179
#2	200.90	.03389	.20424	2.0668	.01394	.03568	.00101

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1602.8	.22870	.11992	.24105	200.15	.10474	1.6096
SDev	2.8	.00004	.00037	.00070	.04	.00048	.0044
%RSD	.17752	.01859	.30503	.28969	.01764	.46220	.27639
#1	1600.8	.22867	.12017	.24154	200.18	.10508	1.6128
#2	1604.9	.22873	.11966	.24055	200.13	.10439	1.6065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01692	29.559	11.039	.01106	.33517	24.618	5.4643
SDev	.00156	.009	.001	.00131	.00093	.109	.0122

%RSD	9.2113	.02980	.01274	11.853	.27733	.44307	.22251
#1	-.01582	29.553	11.040	.01199	.33451	24.695	5.4729
#2	-.01802	29.566	11.038	.01013	.33582	24.540	5.4557
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00303	2.0692	2.1627	5.2194	.01953	.04104	.19163
SDev	.00003	.0767	.0154	.0088	.00161	.00069	.00046
%RSD	.99191	3.7069	.71261	.16800	8.2515	1.6889	.23821
#1	-.00300	2.0150	2.1736	5.2256	.02067	.04153	.19195
#2	-.00305	2.1234	2.1518	5.2132	.01839	.04055	.19130

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80046	.63162	1.6262	1.6013	-.01269	-.01903
SDev	.00030	.00084	.0054	.0040	.00093	.00187
%RSD	.03805	.13318	.33231	.24801	7.3566	9.8296
#1	.80025	.63222	1.6301	1.6041	-.01203	-.01771
#2	.80068	.63103	1.6224	1.5985	-.01335	-.02036

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39548	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.1376755	--	--	--	--	--	--
#1	39586	--	--	--	--	--	--
#2	39509	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52487-a-1-a Operator: DCL
Run Time: 03/26/12 19:22:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01419	-.00261	.01867	.05317	.00036	.00167	.00038
SDev	.00622	.00201	.00047	.00011	.00002	.00019	.00010
%RSD	43.825	76.803	2.5303	.20363	5.5556	11.255	25.937
#1	-.00979	-.00119	.01901	.05325	.00037	.00154	.00045
#2	-.01859	-.00403	.01834	.05309	.00034	.00181	.00031

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54166	.02272	.36188	.00291	.13510	-.00062	.00371
SDev	.12214	.00002	.00008	.00053	.01066	.00005	.00122
%RSD	22.549	.07643	.02252	18.304	7.8935	7.3310	32.804
#1	.62803	.02270	.36193	.00329	.14264	-.00065	.00458
#2	.45530	.02273	.36182	.00253	.12756	-.00058	.00285

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.03276	-.05258	.00309	.00305	.03312	-.28773	.01736
SDev	.00049	.00201	.00052	.00086	.00001	.01346	.00199
%RSD	1.5107	3.8141	16.932	28.236	.01902	4.6792	11.478
#1	.03311	-.05400	.00346	.00244	.03313	-.29725	.01877

Analysis Report 03/26/12 07:26:46 PM page 22

#2	.03241	-.05116	.00272	.00366	.03312	-.27821	.01595

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.20953	.10621	.02311	-.03068	.05929	.00055
SDev	.00061	.08659	.00154	.00022	.00170	.00131	.00010
%RSD	445.27	41.325	1.4458	.95854	5.5564	2.2151	17.768
#1	.00029	.27076	.10730	.02327	-.03189	.06022	.00048
#2	-.00057	.14831	.10512	.02296	-.02947	.05837	.00062

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.04991	.00181	.00466	.05604	.02112
SDev	.00001	.00020	.00132	.00117	.00081	.00115
%RSD	4.6506	.40096	72.641	25.055	1.4471	5.4352
#1	.00018	.04977	.00275	.00549	.05547	.02193
#2	.00019	.05005	.00088	.00384	.05662	.02031

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38016	--	--	--	--	--	--
SDev	185.9691	--	--	--	--	--	--
%RSD	.4891928	--	--	--	--	--	--
#1	38147	--	--	--	--	--	--
#2	37884	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52584-a-1-a Operator: DCL
Run Time: 03/26/12 19:26:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	226.15	.90279	1.0570	4.2298	.43615	.89992	12.100
SDev	.22	.00198	.0056	.0109	.00144	.00266	.057
%RSD	.09849	.21928	.53123	.25847	.33052	.29538	.47101
#1	226.31	.90139	1.0610	4.2375	.43717	.90180	12.140
#2	226.00	.90419	1.0531	4.2221	.43513	.89804	12.060

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1413.3	1.0844	.91168	1.2166	210.37	1.0863	23.008
SDev	11.4	.0034	.00320	.0027	.66	.0001	.038
%RSD	.80764	.31765	.35153	.22135	.31494	.01298	.16666
#1	1421.4	1.0868	.91395	1.2185	210.84	1.0862	23.035
#2	1405.3	1.0820	.90942	1.2147	209.91	1.0864	22.981

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.84707	40.288	10.808	.85440	1.0952	40.608	7.0498

Analysis Report 03/26/12 07:30:37 PM page 23

SDev	.00275	.157	.039	.00092	.0046	.006	.0132
%RSD	.32477	.38847	.36497	.10777	.42226	.01428	.18744
#1	.84513	40.399	10.836	.85505	1.0985	40.604	7.0592
#2	.84902	40.178	10.780	.85375	1.0919	40.612	7.0405

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46297	16.623	18.097	5.1580	.83042	.91657	1.0346
SDev	.00197	.127	.051	.0049	.00126	.00600	.0026
%RSD	.42493	.76687	.28426	.09484	.15217	.65464	.24810
#1	.46436	16.713	18.060	5.1615	.83132	.92081	1.0364
#2	.46158	16.533	18.133	5.1546	.82953	.91233	1.0328

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6584	1.5552	23.774	22.625	.87265	.83429
SDev	.0043	.0059	.160	.023	.01150	.00988
%RSD	.25868	.37656	.67331	.09952	1.3183	1.1841
#1	1.6614	1.5594	23.887	22.610	.88078	.82730
#2	1.6553	1.5511	23.661	22.641	.86451	.84127

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40640	--	--	--	--	--	--
SDev	628.6179	--	--	--	--	--	--
%RSD	1.546815	--	--	--	--	--	--
#1	40195	--	--	--	--	--	--
#2	41084	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/26/12 19:30:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5346	.49055	.49907	.49389	.52440	.48951	.49239
SDev	.0156	.00156	.00247	.00136	.00197	.00170	.00201
%RSD	.61593	.31846	.49557	.27608	.37500	.34770	.40870
#1	2.5456	.49165	.50082	.49485	.52579	.49072	.49382
#2	2.5235	.48944	.49732	.49293	.52301	.48831	.49097

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.800	.52155	.51601	.52330	2.5559	.45738	.50552
SDev	.039	.00196	.00127	.00162	.0065	.00188	.00348
%RSD	.30115	.37493	.24640	.31027	.25286	.41059	.68780

#1	12.828	.52293	.51691	.52445	2.5513	.45870	.50798

#2	12.773	.52017	.51511	.52216	2.5604	.45605	.50307

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50996	5.0362	.49736	.50888	.49680	11.636	.97141
SDev	.00203	.0249	.00174	.00176	.00070	.067	.00598
%RSD	.39803	.49499	.35073	.34642	.14110	.57399	.61532
#1	.51139	5.0538	.49859	.50763	.49729	11.683	.97564
#2	.50852	5.0186	.49612	.51012	.49630	11.589	.96719

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25200	12.965	11.967	.24618	.50138	.51781	.50771
SDev	.00139	.133	.052	.00064	.00218	.00126	.00127
%RSD	.55109	1.0260	.43384	.25982	.43502	.24344	.25053
#1	.25298	13.059	12.004	.24663	.49984	.51870	.50861
#2	.25101	12.871	11.930	.24573	.50293	.51692	.50681

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51581	.50586	.51284	.50187	.51268	.50866
SDev	.00130	.00139	.00134	.00454	.00326	.00142
%RSD	.25209	.27409	.26182	.90545	.63486	.27867
#1	.51673	.50684	.51379	.50508	.51498	.50966
#2	.51490	.50488	.51189	.49865	.51037	.50765

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38748	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.1295652	--	--	--	--	--	--
#1	38713	--	--	--	--	--	--
#2	38784	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/26/12 19:34:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03534	.00226	.00102	.00008	.00044	.00165	.00044
SDev	.00111	.00071	.00007	.00011	.00001	.00007	.00022
%RSD	3.1316	31.311	6.8218	141.00	2.6567	4.1575	49.894
#1	-.03612	.00176	.00097	.00000	.00043	.00160	.00028
#2	-.03456	.00277	.00107	.00015	.00045	.00170	.00059

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.02162	.00032	.00005	.00049	-.00569	-.00046	-.00007
SDev	.01996	.00011	.00019	.00049	.00745	.00001	.00017
%RSD	92.297	34.889	383.23	99.849	130.85	2.9870	256.31
#1	.00751	.00024	-.00008	.00014	-.01096	-.00047	.00005
#2	.03573	.00040	.00018	.00084	-.00043	-.00045	-.00019

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	-.05363	.00019	.00103	-.00057	-.29481	.00553
SDev	.00082	.00382	.00019	.00038	.00009	.01234	.00193
%RSD	101.01	7.1176	99.092	36.862	14.898	4.1844	34.793
#1	-.00023	-.05633	.00006	.00130	-.00051	-.30353	.00417
#2	-.00139	-.05093	.00033	.00076	-.00063	-.28608	.00689

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	-.03194	-.02110	.00011	.00389	-.00144	.00029
SDev	.00039	.11348	.00136	.00007	.00303	.00115	.00002
%RSD	92.715	355.33	6.4382	66.028	77.790	79.643	6.9460
#1	-.00069	-.11218	-.02014	.00006	.00604	-.00063	.00028
#2	-.00014	.04831	-.02206	.00015	.00175	-.00226	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00025	-.00383	.00182	-.00408	.00082
SDev	.00036	.00025	.00136	.00094	.00118	.00064
%RSD	84.922	100.01	35.481	51.623	28.925	77.187
#1	.00017	.00007	-.00479	.00248	-.00324	.00127
#2	.00068	.00043	-.00287	.00115	-.00491	.00037

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38734	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.0766729	--	--	--	--	--	--
#1	38755	--	--	--	--	--	--
#2	38713	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52584-a-1-a@5 Operator: DCL
Run Time: 03/26/12 19:38:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.587	.01160	.04502	.76618	.00378	.01095	2.8560
SDev	.263	.00191	.00235	.00433	.00001	.00049	.0161
%RSD	.54104	16.468	5.2299	.56569	.33168	4.4433	.56422

#1	48.773	.01295	.04335	.76924	.00379	.01130	2.8674
#2	48.401	.01025	.04668	.76311	.00377	.01061	2.8446
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.50	.05863	.02246	.06616	46.980	.02383	5.1931
SDev	2.12	.00036	.00015	.00055	.245	.00014	.0281
%RSD	.46729	.60964	.67718	.82923	.52056	.60566	.54109
#1	455.00	.05888	.02257	.06655	47.153	.02393	5.2129
#2	452.00	.05837	.02236	.06577	46.807	.02373	5.1732
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00445	7.5756	2.4093	.00206	.08069	5.1644	1.3855
SDev	.00086	.0432	.0120	.00009	.00081	.0337	.0089
%RSD	19.309	.57063	.49866	4.5080	.99903	.65272	.64479
#1	.00384	7.6062	2.4178	.00199	.08126	5.1883	1.3918
#2	.00506	7.5450	2.4009	.00212	.08012	5.1406	1.3792
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	1.2917	1.2672	.99600	.00807	.01737	.04505
SDev	.00013	.0514	.0060	.00555	.00291	.00138	.00024
%RSD	16.928	3.9819	.47639	.55740	36.021	7.9270	.52885
#1	-.00068	1.2553	1.2715	.99992	.00602	.01834	.04522
#2	-.00086	1.3280	1.2629	.99207	.01013	.01640	.04488
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.18932	.16486	5.3431	5.1180	.00184	.00575	
SDev	.00137	.00047	.0274	.0285	.00681	.00212	
%RSD	.72517	.28472	.51208	.55623	369.37	36.786	
#1	.19029	.16520	5.3625	5.1382	-.00297	.00725	
#2	.18835	.16453	5.3238	5.0979	.00666	.00426	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37697	--	--	--	--	--	--
SDev	94.75231	--	--	--	--	--	--
%RSD	.2513524	--	--	--	--	--	--
#1	37630	--	--	--	--	--	--
#2	37764	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/26/12 19:42:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2.4673	.48795	.49341	.48904	.52268	.48569	.48872
SDev	.0138	.00016	.00372	.00148	.00090	.00100	.00109
%RSD	.56112	.03389	.75414	.30263	.17147	.20680	.22316
#1	2.4771	.48807	.49078	.49009	.52331	.48640	.48949
#2	2.4575	.48783	.49604	.48800	.52204	.48498	.48795

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.578	.51798	.51302	.51806	2.5356	.44808	.50165
SDev	.022	.00114	.00125	.00158	.0059	.00286	.00149
%RSD	.17250	.22105	.24371	.30525	.23166	.63918	.29667
#1	12.594	.51878	.51390	.51918	2.5315	.45010	.50060
#2	12.563	.51717	.51214	.51695	2.5398	.44605	.50270

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50591	5.0220	.49431	.50623	.50078	11.482	.95758
SDev	.00000	.0057	.00088	.00069	.00106	.054	.00197
%RSD	.00067	.11373	.17755	.13725	.21154	.47290	.20543
#1	.50591	5.0260	.49493	.50574	.50152	11.520	.95897
#2	.50592	5.0180	.49369	.50672	.50003	11.443	.95619

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25043	12.633	11.586	.24446	.49067	.51453	.50428
SDev	.00040	.043	.092	.00075	.00154	.00180	.00147
%RSD	.16172	.34162	.79619	.30797	.31323	.34900	.29173
#1	.25072	12.602	11.651	.24499	.48959	.51580	.50532
#2	.25014	12.663	11.521	.24393	.49176	.51326	.50324

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51344	.50356	.51711	.49392	.51968	.49909
SDev	.00177	.00068	.00358	.00044	.00076	.00038
%RSD	.34497	.13403	.69225	.08959	.14545	.07669
#1	.51469	.50403	.51458	.49361	.52021	.49882
#2	.51218	.50308	.51964	.49423	.51914	.49936

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37758	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.2528157	--	--	--	--	--	--
#1	37826	--	--	--	--	--	--
#2	37691	--	--	--	--	--	--

03/26/12 07:49:54 PM page 28

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/26/12 19:46:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04330	.00070	.00067	-.00003	.00047	.00144	.00014
SDev	.00291	.00135	.00063	.00007	.00000	.00015	.00004
%RSD	6.7168	192.99	92.631	223.47	.23685	10.464	30.487
#1	-.04536	-.00025	.00112	-.00008	.00048	.00155	.00017
#2	-.04124	.00165	.00023	.00002	.00047	.00133	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00595	.00011	.00021	.00069	-.00602	-.00030	-.00027
SDev	.00511	.00064	.00013	.00045	.01686	.00006	.00066
%RSD	85.802	560.87	59.568	64.861	279.94	21.285	242.29
#1	.00234	-.00034	.00030	.00037	.00590	-.00026	.00020
#2	.00956	.00057	.00012	.00101	-.01795	-.00035	-.00074

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	-.03661	.00006	.00170	-.00038	-.17892	.00169
SDev	.00014	.00660	.00000	.00132	.00086	.02689	.00108
%RSD	19.395	18.030	.53769	77.251	226.24	15.028	63.582
#1	-.00083	-.03194	.00006	.00264	.00023	-.15991	.00093
#2	-.00063	-.04128	.00006	.00077	-.00098	-.19794	.00245

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	-.08115	-.01497	.00004	.00311	.00014	.00004
SDev	.00063	.12679	.00369	.00006	.00263	.00211	.00001
%RSD	185.03	156.24	24.618	167.13	84.585	1540.9	19.894
#1	.00011	.00850	-.01237	-.00001	.00496	.00163	.00004
#2	-.00079	-.17081	-.01758	.00008	.00125	-.00136	.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00028	-.00397	.00157	-.00085	-.00067
SDev	.00021	.00026	.00197	.00001	.00263	.00153
%RSD	47.717	91.898	49.596	.67521	307.51	228.25
#1	.00029	.00010	-.00258	.00158	.00100	-.00175
#2	.00059	.00047	-.00536	.00157	-.00271	.00041

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37896	--	--	--	--	--	--
SDev	138.5929	--	--	--	--	--	--
%RSD	.3657191	--	--	--	--	--	--

Analysis Report 03/26/12 07:49:54 PM page 29

#1	37798	--	--	--	--	--	--
#2	37994	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00070 Operator: DCL
Run Time: 03/26/12 19:49:57

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	518.80	.00712	.00262	.00177	.00027	-.00097	-.00806
SDev	1.08	.00255	.00192	.00008	.00000	.00066	.00014
%RSD	.20855	35.882	73.326	4.3698	.10091	68.150	1.7984
#1	519.57	.00892	.00398	.00171	.00027	-.00143	-.00816
#2	518.04	.00531	.00126	.00182	.00027	-.00050	-.00795

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	464.84	.00160	-.00074	.01398	194.95	.00386	.01778
SDev	1.64	.00002	.00060	.00027	.72	.00006	.00198
%RSD	.35174	1.4921	81.724	1.9185	.36679	1.4439	11.109
#1	466.00	.00161	-.00031	.01417	195.46	.00390	.01639
#2	463.69	.00158	-.00116	.01379	194.45	.00382	.01918

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02030	536.12	-.00770	-.00057	.00058	-.05599	.01529
SDev	.00645	1.68	.00003	.00146	.00035	.01784	.00125
%RSD	31.782	.31359	.35726	257.19	59.732	31.873	8.1478
#1	-.02487	537.31	-.00772	.00047	.00083	-.04337	.01617
#2	-.01574	534.93	-.00768	-.00160	.00034	-.06860	.01441

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00111	-.02021	.17275	-.00914	.01732	-.00444	-.00336
SDev	.00017	.13981	.00202	.00005	.00000	.00342	.00018
%RSD	15.410	691.96	1.1718	.55745	.00056	77.029	5.4338
#1	-.00099	.07866	.17418	-.00918	.01732	-.00202	-.00349
#2	-.00123	-.11907	.17132	-.00910	.01732	-.00686	-.00323

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00472	-.00475	-.00895	.03115	-.01256	-.02418
SDev	.00006	.00002	.00294	.00443	.00122	.00907
%RSD	1.2592	.48474	32.848	14.232	9.6932	37.518
#1	.00468	-.00474	-.00687	.02802	-.01342	-.03059
#2	.00476	-.00477	-.01103	.03429	-.01170	-.01776

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/26/12 07:53:45 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34604	--	--	--	--	--	--
SDev	60.10408	--	--	--	--	--	--
%RSD	.1736886	--	--	--	--	--	--
#1	34562	--	--	--	--	--	--
#2	34647	--	--	--	--	--	--

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Method: 20076010   Sample Name: ICSAB metisb_00072     Operator: DCL
Run Time: 03/26/12 19:53:48
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    526.54    1.0346    1.0349    1.0342    .52352    1.0371    .46237
 SDev      2.68     .0001     .0024     .0047    .00214     .0021    .00223
 %RSD    .50942    .01095    .23031    .45568    .40781    .20547    .48146

 #1      528.44    1.0345    1.0366    1.0376    .52503    1.0386    .46394
 #2      524.65    1.0347    1.0332    1.0309    .52201    1.0356    .46079

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    471.40    1.0374    .99318    1.1288    204.03    1.1426    1.0174
 SDev      2.11     .0050    .00520     .0061       .92     .0057     .0040
 %RSD    .44699    .47979    .52324    .53733    .45166    .49907    .39498

 #1      472.89    1.0410    .99686    1.1331    204.68    1.1467    1.0202
 #2      469.91    1.0339    .98951    1.1245    203.38    1.1386    1.0145

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0227    545.42    .99787    1.0289    .95009    13.546    1.0561
 SDev     .0075      2.45    .00425     .0010    .00637      .087     .0064
 %RSD    .73548    .44836    .42628    .09896    .67091    .64191    .60967

 #1      1.0280    547.15    1.0009    1.0297    .95460    13.608    1.0607
 #2      1.0174    543.69    .99486    1.0282    .94559    13.485    1.0516

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .55681    11.929    12.919    .49710    .98915    1.0313    1.0212
 SDev    .00210      .034      .068    .00238    .00050     .0089     .0039
 %RSD    .37760    .28354    .52335    .47794    .05044    .86320    .38531

 #1      .55830    11.952    12.967    .49878    .98879    1.0376    1.0240
 #2      .55533    11.905    12.871    .49542    .98950    1.0250    1.0184

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0351    1.0268    1.0279    1.0121    1.0564    1.0058
 SDev     .0048     .0046     .0013     .0054     .0079     .0073
 %RSD    .46032    .44955    .12158    .53382    .74863    .72857

 #1      1.0385    1.0301    1.0288    1.0159    1.0620    1.0110

Analysis Report                          03/26/12 07:57:36 PM        page 31


 #2      1.0318    1.0235    1.0270    1.0083    1.0508    1.0006

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    34503     --        --        --        --        --        --
 SDev    168.2914  --        --        --        --        --        --
 %RSD    .4877588  --        --        --        --        --        --
```

#1	34384	--	--	--	--	--	--
#2	34622	--	--	--	--	--	--

Method: 20076010 03/29/12 08:28:50 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A032912	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 03/29/12 08:45:09 AM page 1

Method: 20076010 Standard: S0
Run Time: 03/29/12 08:41:45

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.00574	.00154	-.00152	.00045	-.01909	.00550	-.00067
SDev	.00008	.00039	.00023	.00067	.00026	.00223	.00031
%RSD	1.4128	25.610	15.231	149.37	1.3411	40.532	46.347
#1	.00580	.00181	-.00169	.00092	-.01891	.00708	-.00089
#2	.00569	.00126	-.00136	-.00003	-.01927	.00392	-.00045

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00601	.00022	-.00062	.00459	-.00270	.07103	.03730
SDev	.00021	.00038	.00008	.00034	.00610	.00155	.00084
%RSD	3.4871	174.12	13.341	7.3488	225.60	2.1859	2.2542
#1	.00616	.00049	-.00056	.00483	.00161	.07213	.03789
#2	.00586	-.00005	-.00068	.00435	-.00702	.06993	.03670

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00005	.00035	-.00062	.45335	.03433	-.00075	-.00236
SDev	.00004	.00032	.00010	.01013	.00081	.00026	.00110
%RSD	71.533	90.265	15.519	2.2355	2.3539	34.923	46.666
#1	.00008	.00013	-.00069	.46051	.03490	-.00056	-.00158
#2	.00003	.00058	-.00055	.44618	.03376	-.00093	-.00314

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.23354	-.00447	-.00182	-.00029	-.00178	.00008	.00424
SDev	.00476	.00119	.00005	.00326	.00086	.00018	.00102
%RSD	2.0371	26.583	2.8283	1138.5	48.176	233.77	23.935
#1	.23690	-.00363	-.00179	.00202	-.00118	.00020	.00496
#2	.23017	-.00531	-.00186	-.00259	-.00239	-.00005	.00352

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00072	.00056	-.00593	.00559

SDev	.00227	.00159	.00249	.00064
%RSD	313.80	282.95	41.888	11.414
#1	.00233	-.00056	-.00769	.00514
#2	-.00088	.00169	-.00418	.00604

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39446	--	--	--	--	--	--
SDev	434.1636	--	--	--	--	--	--
%RSD	1.100653	--	--	--	--	--	--
#1	39139	--	--	--	--	--	--
#2	39753	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 03/29/12 08:45:55

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.88847	.99797	1.1268	12.940	22.878	6.7741	14.115
SDev	.00163	.00076	.0015	.018	.025	.0156	.037
%RSD	.18373	.07628	.13151	.13789	.10714	.23087	.26319
#1	.88963	.99851	1.1278	12.952	22.895	6.7852	14.141
#2	.88732	.99743	1.1258	12.927	22.860	6.7631	14.088

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.9458	2.2620	1.3428	1.3324	4.9939	18.337	1.2806
SDev	.0057	.0038	.0037	.0027	.0097	.030	.0030
%RSD	.19200	.16998	.27227	.20110	.19472	.16405	.23210
#1	2.9498	2.2647	1.3454	1.3343	5.0008	18.359	1.2827
#2	2.9418	2.2593	1.3402	1.3305	4.9870	18.316	1.2785

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.9014	1.6888	5.8693	2.5640	.88259	.76061	.12552
SDev	.0034	.0017	.0034	.0054	.00165	.00158	.00057
%RSD	.17795	.10213	.05736	.20989	.18702	.20705	.45255
#1	1.9038	1.6876	5.8670	2.5678	.88376	.76173	.12593
#2	1.8990	1.6900	5.8717	2.5602	.88142	.75950	.12512

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	15.030	42.414	.33505	2.8129	11.507	.56821	3.2768
SDev	.024	.065	.00117	.0068	.019	.00122	.0063
%RSD	.16109	.15396	.34944	.24037	.16206	.21455	.19273
#1	15.047	42.461	.33588	2.8177	11.520	.56907	3.2813
#2	15.013	42.368	.33422	2.8081	11.494	.56735	3.2724

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.0717	8.1941	1.1902	1.0485
SDev	.0092	.0368	.0010	.0007
%RSD	.22651	.44862	.08760	.06457
#1	4.0782	8.2201	1.1894	1.0480
#2	4.0651	8.1681	1.1909	1.0490

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39630	--	--	--	--	--	--
SDev	117.3797	--	--	--	--	--	--
%RSD	.2961891	--	--	--	--	--	--
#1	39547	--	--	--	--	--	--
#2	39713	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	22.6570	-.130107	03/29/12 08:45:55
Sb2068	206.838	STD	S0	2.01384	-.003093	03/29/12 08:45:55
As1890	189.042	STD	S0	1.75540	.002672	03/29/12 08:45:55
Ba4934	493.409	STD	S0	.154567	-.000069	03/29/12 08:45:55
Be3130	313.042	STD	S0	.043702	.000834	03/29/12 08:45:55
B_2496	249.678	STD	S0	.295481	-.001625	03/29/12 08:45:55
Cd2265	226.502	STD	S0	.070986	.000048	03/29/12 08:45:55
Ca3179	317.933	STD	S0	6.80331	-.040884	03/29/12 08:45:55
Cr2677	267.716	STD	S0	.884266	-.000192	03/29/12 08:45:55
Co2286	228.616	STD	S0	1.48871	.000924	03/29/12 08:45:55
Cu3247	324.753	STD	S0	1.50548	-.006911	03/29/12 08:45:55
Fe2714	271.441	STD	S0	3.83700	.010377	03/29/12 08:45:55
Li6707	670.784	STD	S0	.109491	-.007777	03/29/12 08:45:55
Pb2203	220.353		NONE	.000000	.000000	*03/29/12 08:45:55
Se1960	196.026		NONE	.000000	.000000	*03/29/12 08:45:55
Mg2790	279.078	STD	S0	16.0862	-.599952	03/29/12 08:45:55
Mn2576	257.610	STD	S0	1.05210	-.000054	03/29/12 08:45:55
Mo2020	202.030	STD	S0	1.18453	-.000418	03/29/12 08:45:55
Ni2316	231.604	STD	S0	.340717	.000212	03/29/12 08:45:55
K_7664	766.491	STD	S0	9.47574	-4.29579	03/29/12 08:45:55
Si2881	288.158	STD	S0	2.33606	-.080197	03/29/12 08:45:55
Ag3280	328.068	STD	S0	1.31380	.000981	03/29/12 08:45:55
Na3302	330.232	STD	S0	156.386	.369737	03/29/12 08:45:55
Na5889	588.995	STD	S0	1.35169	-.315668	03/29/12 08:45:55
Sr4215	421.552	STD	S0	.023586	.000105	03/29/12 08:45:55
Tl1908	190.864	STD	S0	5.95603	.010870	03/29/12 08:45:55
Sn1899	189.989	STD	S0	.710943	.000204	03/29/12 08:45:55
Ti3349	334.941	STD	S0	.173776	.000310	03/29/12 08:45:55
V_2924	292.402	STD	S0	3.48659	-.000269	03/29/12 08:45:55
Zn2138	213.856	STD	S0	.611888	-.002594	03/29/12 08:45:55
2203/1	220.351	STD	S0	.494154	-.000357	03/29/12 08:45:55
2203/2	220.352	STD	S0	.243181	-.000137	03/29/12 08:45:55
1960/1	196.021	STD	S0	1.67421	.009933	03/29/12 08:45:55
1960/2	196.022	STD	S0	1.91367	-.010691	03/29/12 08:45:55

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

```
Sb2068   206.838     S0              .000000         .000000         -.000000
                     STD            2.00000         2.00666         -.006658

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
As1890   189.042     S0              .000000         .000000         -.000000
                     STD            2.00000         1.98066         .019338


                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Ba4934   493.409     S0              .000000        -.000000         .000000

Standardization      Readback Report      03/29/12 08:49:34 AM         page 4


                     STD            2.00000         2.00000         .000000

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Be3130   313.042     S0              .000000         .000000         -.000000
                     STD            1.00000         1.00064         -.000640

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
B_2496   249.678     S0              .000000         .000000         -.000000
                     STD            2.00000         2.00000         .000000

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Cd2265   226.502     S0              .000000         .000000         -.000000
                     STD            1.00000         1.00198         -.001980

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Ca3179   317.933     S0              .000000         .000000         -.000000
                     STD            20.0000         20.0000         .000000

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Cr2677   267.716     S0              .000000         .000000         -.000000
                     STD            2.00000         2.00000         .000000

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Co2286   228.616     S0              .000000         .000000         -.000000
                     STD            2.00000         2.00000         .000000

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Cu3247   324.753     S0              .000000         .000000         -.000000
                     STD            2.00000         1.99894         .001060

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Fe2714   271.441     S0              .000000        -.000000         .000000
                     STD            20.0000         19.1720         .828014

                                      Known         Measured        Residual
Element  Wavelength  Standard     Concentration   Concentration   Concentration
Li6707   670.784     S0              .000000         .000000         -.000000
                     STD            2.00000         2.00000         .000000
```

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 03/29/12 08:49:34 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 03/29/12 08:49:34 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 03/29/12 08:54:24 AM page 1

Method: 20076010 Sample Name: S2 met0312cal_00001 Operator: DCL
Run Time: 03/29/12 08:50:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.865	1.9978	1.9989	1.9966	1.0045	1.9973	1.0007

SDev	.074	.0100	.0082	.0087	.0044	.0061	.0049
%RSD	.37091	.50182	.40933	.43514	.43400	.30459	.48587
#1	19.917	2.0049	2.0047	2.0028	1.0075	2.0016	1.0041
#2	19.813	1.9907	1.9931	1.9905	1.0014	1.9930	.99722
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.001	2.0013	1.9974	1.9895	19.972	1.9905	1.9968
SDev	.089	.0090	.0090	.0088	.115	.0087	.0053
%RSD	.44257	.44799	.45183	.44381	.57736	.43693	.26688
#1	20.064	2.0077	2.0038	1.9957	20.053	1.9967	2.0005
#2	19.938	1.9950	1.9911	1.9832	19.890	1.9844	1.9930
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9993	19.982	1.9966	2.0038	1.9967	19.962	1.9871
SDev	.0038	.102	.0092	.0030	.0067	.118	.0063
%RSD	.19234	.50796	.46077	.14879	.33651	.58910	.31514
#1	2.0020	20.054	2.0031	2.0059	2.0015	20.045	1.9915
#2	1.9965	19.910	1.9901	2.0017	1.9920	19.879	1.9827
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99616	19.650	19.859	.99796	2.0046	1.9986	1.9978
SDev	.00529	.200	.084	.00479	.0055	.0064	.0083
%RSD	.53077	1.0197	.42122	.48000	.27395	.32154	.41603
#1	.99990	19.791	19.918	1.0013	2.0085	2.0031	2.0037
#2	.99242	19.508	19.800	.99457	2.0007	1.9941	1.9919
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.9961	1.9975	1.9978	1.9963	2.0022	1.9978	
SDev	.0088	.0088	.0092	.0034	.0030	.0073	
%RSD	.43955	.43881	.45951	.17049	.14971	.36374	
#1	2.0023	2.0037	2.0043	1.9987	2.0001	2.0029	
#2	1.9899	1.9913	1.9913	1.9939	2.0043	1.9926	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39811	--	--	--	--	--	--
SDev	149.9066	--	--	--	--	--	--
%RSD	.3765458	--	--	--	--	--	--

Analysis Report 03/29/12 08:54:24 AM page 2

#1	39705	--	--	--	--	--	--
#2	39917	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV met0312ccv_00005 Operator: DCL
Run Time: 03/29/12 08:54:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4859	.49896	.50594	.49715	.51063	.50112	.50695
SDev	.0065	.00098	.00039	.00039	.00019	.00052	.00024
%RSD	.26336	.19744	.07623	.07848	.03800	.10379	.04715
#1	2.4813	.49826	.50567	.49687	.51077	.50075	.50678
#2	2.4906	.49965	.50621	.49743	.51049	.50149	.50712

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.640	.50255	.50450	.50363	2.5533	.46018	.50216
SDev	.000	.00044	.00007	.00097	.0049	.00128	.00082
%RSD	.00180	.08725	.01369	.19246	.19059	.27837	.16276
#1	12.640	.50286	.50455	.50294	2.5567	.45928	.50274
#2	12.640	.50224	.50446	.50431	2.5499	.46109	.50158

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50753	5.0249	.49585	.51369	.50613	12.054	.95688
SDev	.00419	.0061	.00011	.00034	.00059	.018	.00138
%RSD	.82545	.12075	.02129	.06610	.11558	.14619	.14396
#1	.51049	5.0292	.49578	.51393	.50572	12.041	.95590
#2	.50457	5.0206	.49593	.51345	.50655	12.066	.95785

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24901	12.574	11.909	.24894	.51411	.51502	.50648
SDev	.00002	.012	.056	.00019	.00043	.00018	.00018
%RSD	.00981	.09862	.47284	.07529	.08392	.03426	.03592
#1	.24899	12.565	11.869	.24881	.51380	.51490	.50635
#2	.24903	12.583	11.949	.24907	.51441	.51515	.50661

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50738	.51059	.50332	.50158	.51124	.50573
SDev	.00046	.00064	.00229	.00237	.00669	.00294
%RSD	.09031	.12612	.45483	.47262	1.3082	.58135
#1	.50770	.51013	.50170	.50325	.51597	.50781
#2	.50705	.51104	.50494	.49990	.50651	.50365

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/29/12 08:58:16 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39896	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.1027977	--	--	--	--	--	--
#1	39867	--	--	--	--	--	--
#2	39925	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: DCL
Run Time: 03/29/12 08:58:19

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00887	.00123	.00325	.00014	.00002	.00297	.00031
SDev	.00193	.00060	.00012	.00005	.00001	.00053	.00013
%RSD	21.768	49.403	3.8098	33.618	58.688	17.757	43.118
#1	.01023	.00165	.00316	.00017	.00003	.00334	.00040
#2	.00750	.00080	.00334	.00011	.00001	.00259	.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02133	.00042	.00068	.00048	.04092	.00005	.00021
SDev	.00202	.00002	.00056	.00002	.03496	.00000	.00030
%RSD	9.4539	3.6728	81.454	5.1271	85.423	1.2081	139.42
#1	.02275	.00043	.00107	.00049	.06564	.00005	.00000
#2	.01990	.00041	.00029	.00046	.01620	.00005	.00043

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00333	-.00247	.00018	.00242	.00010	-.03147	.00121
SDev	.00154	.00120	.00004	.00170	.00071	.01284	.00136
%RSD	46.121	48.378	20.342	70.291	675.15	40.812	112.50
#1	-.00442	-.00332	.00016	.00362	.00060	-.04055	.00218
#2	-.00224	-.00163	.00021	.00122	-.00040	-.02239	.00025

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.30102	.00377	.00010	.00810	.00163	.00021
SDev	.00061	.20256	.00020	.00003	.00792	.00071	.00004
%RSD	41.066	67.291	5.3612	34.840	97.820	43.274	20.573
#1	.00190	.44425	.00392	.00012	.01370	.00213	.00018
#2	.00105	.15779	.00363	.00007	.00250	.00113	.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00069	.00066	-.00001	-.00414	-.00293
SDev	.00014	.00015	.00106	.00008	.00183	.00139
%RSD	133.90	21.213	161.83	1175.6	44.314	47.399
#1	.00020	.00059	-.00009	.00005	-.00543	-.00391

#2	.00001	.00080	.00141	-.00007	-.00284	-.00194	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39860	--	--	--	--	--	--
SDev	22.62742	--	--	--	--	--	--
%RSD	.0567672	--	--	--	--	--	--
#1	39876	--	--	--	--	--	--
#2	39844	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI met0212low_00003 Operator: DCL
Run Time: 03/29/12 09:02:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09319	.00827	.01227	.00953	.00521	.01044	.00530
SDev	.00572	.00122	.00213	.00006	.00001	.00042	.00006
%RSD	6.1365	14.696	17.335	.65705	.21904	4.0560	1.1232
#1	.08915	.00741	.01378	.00948	.00522	.01074	.00534
#2	.09724	.00913	.01077	.00957	.00521	.01014	.00526

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10464	.00943	.00941	.00950	.09210	.00770	.00920
SDev	.00028	.00018	.00012	.00022	.00504	.00002	.00022
%RSD	.26261	1.8785	1.3089	2.3236	5.4754	.20055	2.3527
#1	.10444	.00931	.00932	.00935	.08853	.00769	.00905
#2	.10483	.00956	.00949	.00966	.09566	.00772	.00935

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00624	.10149	.00955	.01013	.00966	.60602	.01050
SDev	.00243	.00012	.00002	.00011	.00004	.00046	.00076
%RSD	38.901	.12012	.18995	1.0656	.37495	.07546	7.2487
#1	.00452	.10158	.00954	.01020	.00964	.60634	.00996
#2	.00796	.10141	.00956	.01005	.00969	.60569	.01103

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00499	.53479	.55582	.00430	.01061	.00831	.00971
SDev	.00023	.01375	.00451	.00003	.00054	.00018	.00002
%RSD	4.5846	2.5712	.81215	.81520	5.0548	2.1836	.24721
#1	.00515	.54451	.55263	.00428	.01099	.00818	.00969
#2	.00483	.52506	.55901	.00433	.01023	.00844	.00972

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00914	.00844	.01108	.00826	.01275	.00298

SDev	.00014	.00009	.00042	.00053	.00069	.00398
%RSD	1.5532	1.0633	3.7633	6.4544	5.3886	133.53
#1	.00904	.00851	.01138	.00788	.01324	.00017
#2	.00924	.00838	.01079	.00864	.01227	.00580

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39318	--	--	--	--	--	--
SDev	74.24622	--	--	--	--	--	--
%RSD	.1888328	--	--	--	--	--	--
#1	39371	--	--	--	--	--	--

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 #2      39266     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: ICSA metisa_00072      Operator: DCL
Run Time: 03/29/12 09:06:01
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    485.86    .00019    .00417    .00145    -.00010   -.00234   -.00393
 SDev      1.16    .00361    .00033    .00003     .00000    .00050    .00042
 %RSD    .23824    1878.6    7.8146    2.1187    .18893    21.376    10.568

 #1      486.68    -.00236   .00394    .00148    -.00010   -.00269   -.00363
 #2      485.04    .00275    .00440    .00143    -.00010   -.00199   -.00422

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    441.10    .00134    -.00021   .01257    188.78    .00400    .00385
 SDev      2.03    .00020     .00005   .00001       .90    .00007    .00028
 %RSD    .45938    14.751    23.555    .05188    .47581    1.8191    7.2059

 #1      442.54    .00148    -.00018   .01257    189.42    .00405    .00405
 #2      439.67    .00120    -.00025   .01258    188.15    .00395    .00366

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00591   503.30    -.00759   .00074    .00036    .02496    .00913
 SDev     .00238     1.67     .00000   .00222    .00103    .03061    .00243
 %RSD    40.193    .33262    .02217    302.27    281.92    122.60    26.626

 #1      -.00423   504.49    -.00759   .00231    .00109    .04661    .01085
 #2      -.00759   502.12    -.00760   -.00084   -.00036   .00332    .00741

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00000   .00385    .17813    -.00877   -.00607   .00160    -.00347
 SDev     .00012   .22067    .00549     .00004    .00471   .00492     .00003
 %RSD    2874.6    5732.0    3.0838    .42713    77.522    308.04    .73513

 #1      .00008    .15989    .18202    -.00880   -.00274   .00507    -.00345
 #2      -.00009   -.15219   .17425    -.00875   -.00940   -.00188   -.00349

Analysis Report                          03/29/12 09:09:49 AM         page 6


 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00278    -.00360   -.02747   .01951    -.00254   -.00760
 SDev    .00009     .00000    .00350   .00133     .00844    .00778
 %RSD    3.3549    .00508    12.730    6.8236    332.08    102.47

 #1      .00271    -.00360   -.02499   .01857    -.00851   -.00209
 #2      .00285    -.00360   -.02994   .02046    .00343    -.01310

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    36686     --        --        --        --        --        --
 SDev    239.7092  --        --        --        --        --        --
 %RSD    .6534167  --        --        --        --        --        --
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#1	36516	--	--	--	--	--	--
#2	36855	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 03/29/12 09:09:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	509.63	1.0474	1.0364	1.0347	.50211	1.0470	.47698
SDev	2.23	.0073	.0025	.0047	.00046	.0016	.00060
%RSD	.43782	.69878	.24285	.45623	.09165	.15074	.12535
#1	511.20	1.0526	1.0382	1.0381	.50243	1.0481	.47740
#2	508.05	1.0422	1.0346	1.0314	.50178	1.0458	.47656

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.69	.98941	.95994	1.0768	203.88	1.1727	.99510
SDev	.38	.00192	.00203	.0044	.42	.0071	.00174
%RSD	.08175	.19389	.21120	.40808	.20545	.60699	.17529
#1	461.96	.99077	.96137	1.0799	204.18	1.1778	.99387
#2	461.43	.98806	.95850	1.0736	203.59	1.1677	.99634

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0194	528.98	.98448	1.0124	.97411	14.163	1.0181
SDev	.0013	.69	.00204	.0002	.00057	.029	.0072
%RSD	.12564	.13101	.20685	.02305	.05876	.20737	.70997
#1	1.0185	529.47	.98592	1.0122	.97452	14.184	1.0232
#2	1.0203	528.49	.98304	1.0125	.97371	14.142	1.0130

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54597	11.777	13.239	.49890	.99248	1.0142	1.0104
SDev	.00225	.124	.104	.00185	.00424	.0064	.0028

%RSD	.41227	1.0566	.78657	.37133	.42678	.62626	.27551
#1	.54756	11.865	13.313	.50021	.98948	1.0187	1.0123
#2	.54438	11.689	13.165	.49759	.99547	1.0098	1.0084

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0037	1.0304	.96186	1.0117	1.0156	1.0213
SDev	.0021	.0039	.00025	.0025	.0118	.0078
%RSD	.20475	.38208	.02576	.24638	1.1582	.76391
#1	1.0052	1.0332	.96168	1.0100	1.0239	1.0158
#2	1.0022	1.0276	.96203	1.0135	1.0073	1.0269

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35910	--	--	--	--	--	--

SDev	141.4214	--	--	--	--	--	--
%RSD	.3938217	--	--	--	--	--	--
#1	36010	--	--	--	--	--	--
#2	35810	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00005 Operator: DCL
Run Time: 03/29/12 09:13:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5055	.49696	.50379	.49420	.50861	.49892	.50682
SDev	.0014	.00228	.00029	.00163	.00196	.00109	.00189
%RSD	.05458	.45882	.05748	.32927	.38611	.21758	.37389
#1	2.5045	.49857	.50359	.49535	.51000	.49968	.50816
#2	2.5064	.49535	.50400	.49305	.50723	.49815	.50548

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.633	.50032	.50291	.50080	2.5616	.46017	.50254
SDev	.049	.00180	.00203	.00121	.0019	.00110	.00139
%RSD	.38696	.35895	.40290	.24114	.07492	.23980	.27660
#1	12.667	.50159	.50434	.50166	2.5629	.46095	.50156
#2	12.598	.49905	.50147	.49995	2.5602	.45939	.50352

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50790	5.0758	.49435	.50882	.51966	12.115	.95353
SDev	.00124	.0241	.00172	.00144	.00084	.050	.00051
%RSD	.24339	.47492	.34833	.28205	.16193	.41077	.05307
#1	.50877	5.0929	.49557	.50983	.52026	12.150	.95389
#2	.50702	5.0588	.49314	.50780	.51907	12.080	.95317

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24911	12.676	11.883	.24810	.51343	.51200	.50486
SDev	.00051	.077	.000	.00077	.00863	.00218	.00144
%RSD	.20489	.60389	.00103	.30893	1.6802	.42511	.28432
#1	.24947	12.730	11.883	.24864	.51953	.51354	.50588
#2	.24875	12.621	11.883	.24756	.50733	.51046	.50385

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50424	.51039	.50273	.50245	.50963	.50709
SDev	.00163	.00116	.00267	.00342	.00000	.00186
%RSD	.32352	.22811	.53151	.68090	.00071	.36606
#1	.50539	.51121	.50462	.50003	.50963	.50840
#2	.50309	.50956	.50084	.50486	.50963	.50578

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	39218	--	--	--	--	--	--
SDev	28.28427	--	--	--	--	--	--
%RSD	.0721206	--	--	--	--	--	--
#1	39198	--	--	--	--	--	--
#2	39238	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 09:17:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00414	-.00044	.00115	-.00011	-.00001	.00141	.00023
SDev	.00721	.00192	.00031	.00013	.00001	.00061	.00021
%RSD	174.26	437.79	27.055	118.90	71.843	43.141	93.586
#1	-.00096	-.00179	.00093	-.00021	-.00002	.00098	.00008
#2	.00924	.00092	.00137	-.00002	-.00001	.00184	.00038

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00172	-.00035	.00034	-.00072	.02385	.00001	.00000
SDev	.00113	.00067	.00088	.00082	.03536	.00019	.00053
%RSD	65.970	191.22	262.46	112.84	148.27	2412.3	11036.
#1	.00092	-.00083	-.00029	-.00130	-.00116	-.00013	-.00037
#2	.00252	.00012	.00096	-.00015	.04885	.00014	.00038

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00253	-.00019	-.00003	.00170	-.00017	-.02903	-.00527
SDev	.00089	.01627	.00007	.00068	.00077	.11513	.00448
%RSD	35.210	8471.6	285.65	40.340	458.78	396.65	85.094

#1	-.00190	-.01169	-.00008	.00218	-.00071	-.11044	-.00844
#2	-.00316	.01131	.00003	.00121	.00038	.05238	-.00210

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.14618	-.00834	-.00004	.00712	.00184	-.00012
SDev	.00135	.33873	.00755	.00007	.00094	.00154	.00016
%RSD	145.10	231.71	90.507	164.23	13.164	83.861	125.53
#1	-.00002	-.09333	-.01368	-.00010	.00778	.00075	-.00023
#2	.00189	.38570	-.00300	.00001	.00646	.00293	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	-.00141	.00479	-.00239	.00371	-.00565
SDev	.00073	.00005	.00034	.00097	.00270	.00269
%RSD	144.20	3.2270	7.0914	40.577	72.933	47.583
#1	-.00102	-.00145	.00503	-.00307	.00180	-.00375
#2	.00001	-.00138	.00455	-.00170	.00562	-.00755

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39856	--	--	--	--	--	--
SDev	948.2302	--	--	--	--	--	--
%RSD	2.379170	--	--	--	--	--	--
#1	40526	--	--	--	--	--	--
#2	39185	--	--	--	--	--	--

Analysis Report 03/29/12 09:31:36 AM page 1

Method: 20076010 Sample Name: 600-52143-b-1-b@100 Operator: DCL
Run Time: 03/29/12 09:27:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02275	.00090	.00250	.00066	-.00007	.00419	.00019
SDev	.00136	.00181	.00105	.00001	.00000	.00041	.00012
%RSD	5.9674	200.94	42.163	.71175	5.5465	9.6744	65.437
#1	.02371	.00218	.00175	.00066	-.00006	.00391	.00028
#2	.02179	-.00038	.00324	.00066	-.00007	.00448	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4817	-.00005	.00052	-.00013	.02876	.00017	.00051
SDev	.0050	.00008	.00000	.00003	.00886	.00003	.00048
%RSD	.20247	159.47	.08243	25.894	30.787	20.137	93.321
#1	2.4852	.00001	.00052	-.00011	.03503	.00019	.00017
#2	2.4781	-.00010	.00052	-.00016	.02250	.00014	.00085

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00374	1.1255	.00702	-.00063	-.00046	-.07332	.10037
SDev	.00075	.0106	.00003	.00046	.00008	.01442	.00085
%RSD	20.020	.94095	.36649	73.526	16.693	19.670	.84469
#1	-.00321	1.1330	.00704	-.00095	-.00041	-.06312	.10097
#2	-.00427	1.1180	.00701	-.00030	-.00052	-.08351	.09977

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	8.4243	7.3816	.01548	.00589	.00111	.00011
SDev	.00032	.0247	.0050	.00001	.00242	.00070	.00006
%RSD	39.685	.29339	.06718	.07610	41.136	63.315	49.776
#1	.00105	8.4068	7.3781	.01549	.00417	.00061	.00015
#2	.00059	8.4418	7.3851	.01547	.00760	.00160	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00228	.00347	-.00096	.00343	-.00732
SDev	.00006	.00000	.00386	.00265	.00298	.00037
%RSD	192.74	.17548	111.32	275.14	86.671	4.9889
#1	.00007	.00228	.00620	-.00284	.00554	-.00758
#2	-.00001	.00228	.00074	.00091	.00133	-.00706

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40094	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.1040550	--	--	--	--	--	--

Analysis Report 03/29/12 09:31:36 AM page 2

#1	40064	--	--	--	--	--	--
#2	40123	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52143-b-2-b@100 Operator: DCL
Run Time: 03/29/12 09:31:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01780	.00344	.00361	.00933	-.00006	.00327	.00130
SDev	.00597	.00414	.00133	.00023	.00002	.00172	.00019
%RSD	33.524	120.42	36.839	2.4566	30.104	52.530	14.737
#1	.02202	.00636	.00456	.00950	-.00004	.00448	.00143
#2	.01358	.00051	.00267	.00917	-.00007	.00206	.00116

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.169	.00053	.00060	.02204	.31720	.00130	.00108
SDev	.264	.00064	.00008	.00105	.01588	.00006	.00068
%RSD	.55978	121.08	13.021	4.7770	5.0070	4.4528	62.635
#1	47.356	.00098	.00066	.02278	.32843	.00134	.00060
#2	46.983	.00008	.00055	.02129	.30597	.00126	.00156

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00373	11.262	.37026	-.00030	.00026	.04035	.11049
SDev	.00073	.074	.00198	.00021	.00009	.03032	.00407
%RSD	19.633	.65538	.53551	70.892	32.500	75.136	3.6865
#1	-.00425	11.315	.37166	-.00045	.00032	.06179	.11338
#2	-.00322	11.210	.36886	-.00015	.00020	.01891	.10761

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	14.379	13.016	.22690	.00228	.00056	-.00015
SDev	.00042	.071	.023	.00129	.00327	.00076	.00032
%RSD	49.881	.49129	.17376	.56714	143.21	135.71	218.01
#1	.00115	14.429	13.032	.22781	.00459	.00002	.00008
#2	.00055	14.329	13.000	.22599	-.00003	.00110	-.00038

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00112	.00324	.00000	-.00115	-.00502
SDev	.00056	.00002	.00125	.00039	.00164	.00028
%RSD	440.86	1.3761	38.667	13253.	142.29	5.5450

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 #1      .00053    .00113    .00236    -.00027   -.00232   -.00522
 #2      -.00027   .00111    .00413    .00028    .00001    -.00483


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED

Analysis Report                          03/29/12 09:35:27 AM         page 3


 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    39450     --        --        --        --        --        --
 SDev    183.1407  --        --        --        --        --        --
 %RSD    .4642408  --        --        --        --        --        --

 #1      39320     --        --        --        --        --        --
 #2      39579     --        --        --        --        --        --
-------------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-52143-b2c du@100   Operator: DCL
Run Time: 03/29/12 09:35:30
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .01563    .00258    .00147    .00951    -.00006   .00356    .00127
 SDev    .00255    .00022    .00076    .00002     .00000   .00043    .00005
 %RSD    16.318    8.4072    51.706    .18690    .56957    12.113    3.7369

 #1      .01383    .00243    .00093    .00950    -.00006   .00326    .00124
 #2      .01743    .00273    .00200    .00952    -.00006   .00387    .00131

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    47.891    .00034    .00056    .02231    .30996    .00154    .00074
 SDev      .228    .00020    .00009    .00045    .00028    .00014    .00005
 %RSD    .47619    58.990    15.580    2.0221    .09189    8.7303    6.8203

 #1      48.052    .00020    .00050    .02199    .30975    .00164    .00078
 #2      47.729    .00049    .00062    .02263    .31016    .00145    .00071

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00292   11.434    .37580    -.00076   -.00035   .17201    .11023
 SDev     .00049     .060    .00149     .00031    .00034   .09063    .00216
 %RSD    16.659    .52296    .39695    40.679    94.479    52.692    1.9623

 #1      -.00257   11.476    .37685    -.00098   -.00012   .23609    .10870
 #2      -.00326   11.392    .37474    -.00054   -.00059   .10792    .11176

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00051    14.313    13.052    .22984    .00179    .00170    -.00022
 SDev    .00052      .008      .011    .00057    .00064    .00096     .00010
 %RSD    102.86    .05551    .08122    .24839    35.770    56.305    43.475

 #1      .00088    14.307    13.044    .23024    .00224    .00102    -.00029
 #2      .00014    14.318    13.059    .22943    .00134    .00237    -.00015

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00008    .00118    .00048    .00087    -.00068   -.00403
```

SDev	.00013	.00013	.00152	.00069	.00737	.00295
%RSD	149.01	10.606	315.57	78.571	1079.7	73.236
#1	-.00000	.00110	.00156	.00039	.00453	-.00612

Analysis Report 03/29/12 09:39:18 AM page 4

#2	.00017	.00127	-.00059	.00136	-.00589	-.00194

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38628	--	--	--	--	--	--
SDev	533.1585	--	--	--	--	--	--
%RSD	1.380238	--	--	--	--	--	--
#1	38251	--	--	--	--	--	--
#2	39005	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52143-b2d ms@100 Operator: DCL
Run Time: 03/29/12 09:39:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11620	.00965	.01212	.01953	.00501	.01245	.00629
SDev	.00123	.00128	.00163	.00006	.00004	.00106	.00016
%RSD	1.0621	13.279	13.419	.31335	.81609	8.5040	2.5572
#1	.11707	.00874	.01327	.01958	.00504	.01320	.00640
#2	.11533	.01055	.01097	.01949	.00498	.01170	.00618

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.710	.01054	.01072	.03183	.40792	.00598	.01072
SDev	.221	.00024	.00014	.00009	.00291	.00007	.00104
%RSD	.47317	2.2825	1.3410	.29300	.71240	1.1481	9.6573
#1	46.866	.01071	.01062	.03189	.40997	.00603	.01146
#2	46.554	.01037	.01082	.03176	.40586	.00594	.00999

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00626	11.215	.37622	.01065	.01023	.13588	.11731
SDev	.00105	.063	.00157	.00028	.00058	.01471	.00084
%RSD	16.838	.56359	.41653	2.6184	5.6730	10.825	.71820
#1	.00552	11.260	.37733	.01046	.01064	.14628	.11791
#2	.00701	11.170	.37512	.01085	.00981	.12548	.11671

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00588	14.342	12.988	.22982	.01169	.00989	.00998
SDev	.00018	.004	.054	.00101	.00492	.00090	.00003
%RSD	3.0657	.02913	.41738	.43965	42.113	9.0735	.32165
#1	.00576	14.345	13.026	.23054	.01517	.01053	.01001
#2	.00601	14.339	12.950	.22911	.00821	.00926	.00996

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01011	.01203	.01405	.00906	.01117	.00381

Analysis Report 03/29/12 09:43:09 AM page 5

SDev	.00002	.00011	.00078	.00116	.00108	.00104
%RSD	.14699	.89355	5.5376	12.853	9.6795	27.346
#1	.01012	.01195	.01460	.00988	.01041	.00307
#2	.01010	.01210	.01350	.00824	.01194	.00454

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39370	--	--	--	--	--	--
SDev	67.17515	--	--	--	--	--	--
%RSD	.1706230	--	--	--	--	--	--
#1	39323	--	--	--	--	--	--
#2	39418	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52143b2e msd@100 Operator: DCL
Run Time: 03/29/12 09:43:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11372	.01299	.01116	.01911	.00491	.01251	.00625
SDev	.00178	.00136	.00021	.00012	.00002	.00114	.00008
%RSD	1.5680	10.505	1.8736	.63966	.31902	9.1098	1.2102
#1	.11499	.01395	.01131	.01919	.00492	.01332	.00630
#2	.11246	.01202	.01101	.01902	.00489	.01170	.00620

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.789	.01006	.01029	.03086	.40669	.00576	.01109
SDev	.144	.00002	.00014	.00013	.00118	.00001	.00017
%RSD	.31394	.22275	1.3462	.41097	.29067	.20242	1.5522
#1	45.891	.01008	.01019	.03095	.40752	.00577	.01121
#2	45.687	.01004	.01039	.03077	.40585	.00575	.01097

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00706	10.983	.36843	.01005	.01016	.04770	.11461
SDev	.00038	.033	.00109	.00041	.00018	.00466	.00340
%RSD	5.3491	.30195	.29648	4.0502	1.7891	9.7657	2.9699
#1	.00733	11.006	.36921	.01034	.01003	.04440	.11702
#2	.00679	10.959	.36766	.00976	.01029	.05099	.11220

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00551	13.886	12.714	.22490	.01033	.01007	.00990
SDev	.00004	.249	.090	.00063	.00230	.00086	.00009
%RSD	.76664	1.7961	.70736	.27890	22.257	8.5101	.90484
#1	.00554	14.062	12.778	.22534	.00871	.00946	.00996
#2	.00548	13.710	12.651	.22445	.01196	.01068	.00983

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00991	.01162	.01248	.01039	.01009	.00555
SDev	.00030	.00001	.00178	.00115	.00085	.00099
%RSD	3.0412	.10779	14.272	11.054	8.4691	17.911
#1	.01012	.01161	.01122	.01121	.00948	.00625
#2	.00970	.01163	.01374	.00958	.01069	.00484

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40281	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.0842609	--	--	--	--	--	--
#1	40305	--	--	--	--	--	--
#2	40257	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-75853/1-a Operator: DCL
Run Time: 03/29/12 09:47:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00931	.00034	.00222	.00184	-.00008	.00070	.00012
SDev	.00201	.00146	.00082	.00006	.00002	.00058	.00007
%RSD	21.619	428.78	37.222	3.5403	22.839	82.709	56.974
#1	.01073	-.00069	.00280	.00189	-.00010	.00029	.00007
#2	.00789	.00138	.00163	.00180	-.00007	.00111	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00804	-.00007	.00035	-.00001	.04499	-.00024	.00095
SDev	.00181	.00017	.00013	.00010	.00878	.00001	.00001
%RSD	22.566	234.03	36.253	1409.9	19.523	4.9550	.67167
#1	.00933	-.00019	.00044	.00006	.05120	-.00023	.00094
#2	.00676	.00005	.00026	-.00008	.03878	-.00024	.00095

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00476	-.01600	.00030	.00005	-.00000	-.12937	.00004
SDev	.00177	.00461	.00002	.00029	.00030	.01281	.00122
%RSD	37.237	28.796	5.8420	577.10	12450.	9.9044	2907.0
#1	-.00351	-.01274	.00029	.00026	.00021	-.12031	-.00082
#2	-.00601	-.01925	.00031	-.00016	-.00022	-.13843	.00091

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.14773	-.01454	.00005	.00226	.00238	.00008
SDev	.00073	.13322	.00163	.00002	.00174	.00139	.00005

%RSD	106.40	90.175	11.240	34.412	77.082	58.332	61.158
#1	.00121	.24193	-.01339	.00004	.00349	.00336	.00004
#2	.00017	.05353	-.01570	.00007	.00103	.00140	.00011

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00085	.00304	-.00010	.00135	-.00782
SDev	.00030	.00001	.00024	.00011	.00229	.00152
%RSD	216.28	1.1247	7.9635	112.98	169.00	19.398
#1	-.00035	.00085	.00286	-.00002	.00297	-.00674
#2	.00007	.00084	.00321	-.00018	-.00026	-.00889

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40467	--	--	--	--	--	--
SDev	124.4508	--	--	--	--	--	--
%RSD	.3075365	--	--	--	--	--	--
#1	40379	--	--	--	--	--	--
#2	40555	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-75853/2-a Operator: DCL
Run Time: 03/29/12 09:50:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.107	1.0299	1.0416	1.0310	.52324	1.0282	.52477
SDev	.042	.0075	.0014	.0039	.00176	.0041	.00262
%RSD	.42004	.72943	.13257	.37539	.33533	.39504	.49829
#1	10.137	1.0352	1.0407	1.0337	.52448	1.0311	.52662
#2	10.077	1.0246	1.0426	1.0283	.52200	1.0253	.52292

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.423	1.0369	1.0398	1.0290	10.513	.47732	1.0358
SDev	.037	.0035	.0035	.0049	.042	.00180	.0062
%RSD	.35866	.33290	.33190	.47216	.39841	.37715	.60115
#1	10.450	1.0393	1.0422	1.0325	10.542	.47859	1.0402
#2	10.397	1.0344	1.0374	1.0256	10.483	.47604	1.0314

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0243	10.406	1.0362	1.0662	1.1197	10.342	.97204
SDev	.0038	.038	.0040	.0019	.0043	.078	.00197
%RSD	.36658	.36380	.38845	.17560	.38226	.75347	.20253
#1	1.0270	10.433	1.0391	1.0675	1.1227	10.397	.97343
#2	1.0216	10.379	1.0334	1.0649	1.1166	10.287	.97065

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51999	9.7083	9.8355	.51963	1.0532	1.0449	1.0408
SDev	.00266	.0045	.0401	.00208	.0046	.0008	.0038
%RSD	.51134	.04599	.40779	.40099	.43973	.07279	.36178
#1	.52187	9.7051	9.8638	.52110	1.0499	1.0454	1.0434
#2	.51811	9.7114	9.8071	.51816	1.0565	1.0443	1.0381

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0451	1.0541	1.0205	1.0434	1.0097	1.0316
SDev	.0040	.0038	.0054	.0066	.0054	.0030
%RSD	.37801	.35765	.52919	.63634	.53073	.28625
#1	1.0479	1.0567	1.0243	1.0481	1.0135	1.0337
#2	1.0423	1.0514	1.0167	1.0387	1.0059	1.0295

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38742	--	--	--	--	--	--
SDev	159.0990	--	--	--	--	--	--
%RSD	.4106576	--	--	--	--	--	--
#1	38630	--	--	--	--	--	--
#2	38855	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-75823/1-b Operator: DCL
Run Time: 03/29/12 09:54:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01523	.00273	.00279	.00242	-.00007	.00821	.00010
SDev	.00118	.00259	.00010	.00004	.00001	.00030	.00008
%RSD	7.7394	94.775	3.4685	1.6314	16.365	3.6423	83.678
#1	.01606	.00090	.00272	.00245	-.00008	.00842	.00004
#2	.01440	.00456	.00286	.00240	-.00006	.00800	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09030	.00021	.00036	-.00001	.01774	.00023	.00086
SDev	.00004	.00026	.00006	.00019	.00495	.00004	.00006
%RSD	.04555	120.05	15.576	1614.2	27.905	16.148	6.8824
#1	.09027	.00003	.00039	.00013	.01424	.00020	.00082
#2	.09033	.00039	.00032	-.00015	.02124	.00025	.00090

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00355	.01857	.00067	.00256	-.00061	.06865	.00124
SDev	.00337	.00048	.00004	.00144	.00004	.01154	.00130
%RSD	94.870	2.5762	5.3251	56.172	6.6439	16.817	104.75

Analysis Report 03/29/12 09:58:35 AM page 9

#1	-.00117	.01823	.00069	.00358	-.00064	.06048	.00216

#2	-.00593	.01891	.00064	.00155	-.00058	.07681	.00032
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	178.18	141.30	.00015	.00457	.00269	.00013
SDev	.00028	.29	.04	.00001	.00270	.00017	.00002
%RSD	37.889	.16067	.03012	4.6839	59.050	6.4671	14.548
#1	.00055	177.98	141.27	.00016	.00648	.00257	.00015
#2	.00095	178.38	141.33	.00015	.00266	.00282	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00135	.00238	.00010	.00226	-.00645
SDev	.00011	.00022	.00130	.00074	.00159	.00426
%RSD	502.32	16.336	54.561	713.32	70.425	65.946
#1	-.00006	.00120	.00330	-.00042	.00338	-.00344
#2	.00010	.00151	.00146	.00063	.00113	-.00946

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39284	--	--	--	--	--	--
SDev	122.3295	--	--	--	--	--	--
%RSD	.3113937	--	--	--	--	--	--
#1	39371	--	--	--	--	--	--
#2	39198	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52262-a-1-f Operator: DCL
Run Time: 03/29/12 09:58:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01407	-.00219	.00260	.00959	-.00013	.00478	.00018
SDev	.00235	.00253	.00048	.00005	.00001	.00014	.00006
%RSD	16.745	115.20	18.612	.48862	9.2235	2.9357	32.823
#1	.01240	-.00398	.00226	.00956	-.00012	.00468	.00014
#2	.01573	-.00041	.00294	.00962	-.00014	.00488	.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.410	-.00012	.00069	-.00047	.05770	.00055	.00106
SDev	.095	.00013	.00055	.00033	.00318	.00001	.00056
%RSD	.15222	106.00	79.389	69.567	5.5164	2.0936	52.709
#1	62.477	-.00003	.00108	-.00070	.05995	.00054	.00066
#2	62.343	-.00022	.00030	-.00024	.05545	.00055	.00145

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	12.882	.02784	.00029	.00028	.20490	.04765
SDev	.00041	.023	.00009	.00017	.00006	.00106	.00060
%RSD	36.618	.17679	.31376	60.046	22.235	.51797	1.2524

#1	-.00142	12.898	.02790	.00042	.00033	.20565	.04723
#2	-.00084	12.866	.02778	.00017	.00024	.20415	.04807

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	183.19	145.84	.07096	.00417	.00676	-.00042
SDev	.00019	.88	.55	.00012	.00177	.00005	.00005
%RSD	24.975	.47958	.37989	.16894	42.332	.68396	10.752

#1	.00091	183.81	146.23	.07104	.00292	.00679	-.00046
#2	.00064	182.57	145.45	.07087	.00542	.00673	-.00039

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00434	.00404	-.00043	.00259	-.00298
SDev	.00000	.00002	.00057	.00112	.00206	.00165
%RSD	1.0162	.41822	14.126	259.68	79.655	55.269

#1	-.00017	.00435	.00444	-.00123	.00404	-.00415
#2	-.00018	.00432	.00364	.00036	.00113	-.00182

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38344	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1051131	--	--	--	--	--	--

#1	38316	--	--	--	--	--	--
#2	38373	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52413-a-1-c Operator: DCL
Run Time: 03/29/12 10:02:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06126	.00665	.00174	.02730	-.00012	.07443	.00004
SDev	.00157	.00024	.00241	.00004	.00001	.00054	.00004
%RSD	2.5662	3.6623	138.32	.14364	5.1931	.72238	103.33

#1	.06015	.00682	.00004	.02733	-.00012	.07405	.00007
#2	.06238	.00648	.00344	.02727	-.00012	.07481	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6029	.00036	.00070	.00069	.51489	.00119	.00162
SDev	.0233	.00018	.00005	.00010	.00613	.00000	.00064
%RSD	.41527	49.079	7.7842	14.383	1.1906	.18882	39.272

Analysis Report 03/29/12 10:06:18 AM page 11

#1	5.6193	.00048	.00066	.00076	.51055	.00119	.00117
#2	5.5864	.00023	.00073	.00062	.51922	.00119	.00207

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00012	.84505	.03163	.00984	.00390	1.6460	.60199
SDev	.00092	.00383	.00017	.00134	.00106	.0163	.00075
%RSD	747.17	.45329	.54498	13.623	27.282	.98822	.12413
#1	.00053	.84776	.03175	.00889	.00315	1.6575	.60252
#2	-.00077	.84234	.03151	.01079	.00466	1.6345	.60146

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	69.148	60.162	.01944	.00067	.00326	.00091
SDev	.00040	.476	.222	.00005	.00153	.00233	.00003
%RSD	64.144	.68787	.36913	.24689	227.85	71.376	3.5949
#1	.00034	69.484	60.319	.01948	-.00041	.00490	.00094
#2	.00091	68.811	60.005	.01941	.00175	.00161	.00089

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.07025	.00260	.00114	.00239	-.00138
SDev	.00014	.00048	.00032	.00112	.00273	.00274
%RSD	76.080	.68627	12.333	98.305	114.59	199.29
#1	.00008	.06991	.00282	.00035	.00045	.00056
#2	.00028	.07059	.00237	.00192	.00432	-.00332

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39247	--	--	--	--	--	--
SDev	96.16652	--	--	--	--	--	--
%RSD	.2450290	--	--	--	--	--	--
#1	39179	--	--	--	--	--	--
#2	39315	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 10:06:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4517	.49894	.50790	.49541	.50369	.49855	.50873
SDev	.0005	.00134	.00586	.00196	.00253	.00219	.00307
%RSD	.02077	.26823	1.1543	.39485	.50287	.43975	.60382
#1	2.4514	.49799	.51205	.49680	.50548	.50010	.51090
#2	2.4521	.49988	.50376	.49403	.50190	.49700	.50655

Analysis Report 03/29/12 10:10:09 AM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.643	.49680	.49871	.49481	2.5587	.46311	.49952
SDev	.059	.00250	.00360	.00168	.0292	.00094	.00400
%RSD	.46850	.50280	.72159	.33978	1.1427	.20237	.79989
#1	12.685	.49857	.50126	.49600	2.5794	.46377	.50234
#2	12.601	.49504	.49617	.49362	2.5380	.46245	.49669

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49805	5.0032	.49298	.50563	.52164	12.273	.94562
SDev	.00605	.0148	.00225	.00003	.00505	.041	.00450
%RSD	1.2154	.29651	.45723	.00699	.96848	.33463	.47569
#1	.50233	5.0137	.49458	.50560	.52521	12.302	.94880
#2	.49377	4.9927	.49139	.50565	.51807	12.244	.94244

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24824	12.479	11.833	.24962	.51354	.51069	.50470
SDev	.00136	.053	.002	.00107	.00172	.00332	.00236
%RSD	.54890	.42083	.02013	.42758	.33558	.64969	.46809
#1	.24920	12.442	11.831	.25038	.51232	.51304	.50637
#2	.24727	12.516	11.834	.24887	.51476	.50834	.50303

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50268	.51227	.48804	.50526	.48643	.50391
SDev	.00223	.00226	.00709	.00245	.00723	.00546
%RSD	.44448	.44069	1.4529	.48453	1.4869	1.0843
#1	.50426	.51386	.49305	.50699	.49154	.50778
#2	.50110	.51067	.48302	.50352	.48132	.50005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39086	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.0832188	--	--	--	--	--	--
#1	39109	--	--	--	--	--	--
#2	39063	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 10:10:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00712	-.00186	-.00020	-.00016	-.00015	.00040	-.00012
SDev	.01315	.00407	.00213	.00031	.00005	.00195	.00030

%RSD	184.83	218.33	1054.6	190.11	33.093	486.82	239.33
#1	.01642	.00101	.00131	.00006	-.00012	.00178	.00009
#2	-.00218	-.00474	-.00171	-.00038	-.00019	-.00098	-.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00752	-.00081	-.00049	-.00161	-.03602	-.00018	.00134
SDev	.00220	.00150	.00141	.00178	.06821	.00026	.00038
%RSD	29.274	185.77	290.53	110.20	189.39	148.62	28.102

#1	-.00596	.00025	.00051	-.00036	.01222	.00001	.00161
#2	-.00907	-.00186	-.00148	-.00287	-.08425	-.00036	.00108

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	-.02157	-.00009	.00079	-.00115	-.13751	-.00815
SDev	.00178	.02069	.00024	.00183	.00133	.13243	.00668
%RSD	90.410	95.920	263.27	232.20	115.73	96.305	82.006

#1	-.00071	-.00694	.00008	.00209	-.00021	-.04387	-.00342
#2	-.00323	-.03621	-.00026	-.00051	-.00208	-.23116	-.01287

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	-.29256	-.00980	-.00008	.00210	-.00094	-.00022
SDev	.00236	.68063	.00955	.00013	.00372	.00311	.00062
%RSD	327.88	232.64	97.400	172.39	177.28	330.89	277.20

#1	.00095	.18872	-.00305	.00002	.00472	.00126	.00021
#2	-.00238	-.77384	-.01655	-.00017	-.00053	-.00314	-.00066

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	-.00156	.00228	.00087	.00394	-.00493
SDev	.00156	.00008	.00080	.00096	.00312	.00112
%RSD	211.80	4.8872	34.786	110.52	79.259	22.642

#1	.00037	-.00150	.00172	.00155	.00614	-.00414
#2	-.00183	-.00161	.00285	.00019	.00173	-.00572

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39972	--	--	--	--	--	--
SDev	328.8047	--	--	--	--	--	--
%RSD	.8225772	--	--	--	--	--	--

#1	39740	--	--	--	--	--	--
#2	40205	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52271-a-1-d Operator: DCL
Run Time: 03/29/12 10:14:03
Comment: TRACE 61E

Analysis Report 03/29/12 10:17:51 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02000	-.00015	.00218	.03930	-.00018	.00886	.00568
SDev	.00228	.00168	.00152	.00028	.00001	.00043	.00006
%RSD	11.412	1105.0	69.912	.72178	3.2845	4.8452	1.0139

#1	.02162	.00103	.00325	.03950	-.00019	.00856	.00572
#2	.01839	-.00134	.00110	.03910	-.00018	.00916	.00564

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	68.050	-.00018	.00125	-.00073	.02852	.00216	.00176
SDev	.297	.00034	.00003	.00025	.00031	.00003	.00032
%RSD	.43698	185.70	2.1278	34.659	1.0810	1.2728	17.968
#1	68.260	-.00042	.00127	-.00091	.02830	.00214	.00199
#2	67.840	.00006	.00123	-.00055	.02873	.00218	.00154

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00262	1.4982	.07312	.00154	.00602	1.7606	2.7401
SDev	.00075	.0004	.00033	.00028	.00057	.0092	.0171
%RSD	28.821	.02956	.45485	17.985	9.4066	.52124	.62525
#1	-.00208	1.4985	.07336	.00173	.00642	1.7541	2.7522
#2	-.00315	1.4979	.07289	.00134	.00562	1.7671	2.7280

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	187.75	147.14	.08661	.00214	.00329	-.00035
SDev	.00007	2.36	1.47	.00044	.00173	.00073	.00013
%RSD	8.2754	1.2582	.99784	.51251	81.017	22.199	35.447
#1	.00091	189.42	148.18	.08692	.00337	.00380	-.00044
#2	.00081	186.08	146.10	.08629	.00091	.00277	-.00026

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	13.964	.00445	.00042	.00188	-.00486
SDev	.00013	.051	.00094	.00001	.00449	.00111
%RSD	66.812	.36423	21.157	1.1192	239.47	22.939
#1	.00028	14.000	.00511	.00042	.00505	-.00565
#2	.00010	13.928	.00378	.00042	-.00130	-.00407

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39092	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1175723	--	--	--	--	--	--
#1	39125	--	--	--	--	--	--
#2	39060	--	--	--	--	--	--

Analysis Report 03/29/12 10:17:51 AM page 15

Method: 20076010 Sample Name: 600-52343-a-1-c Operator: DCL
Run Time: 03/29/12 10:17:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31483	.00005	.00248	.00281	-.00020	.00753	.00007
SDev	.00124	.00131	.00155	.00002	.00000	.00007	.00003
%RSD	.39303	2844.2	62.357	.57815	2.2965	.90074	35.226
#1	.31570	.00098	.00358	.00280	-.00020	.00758	.00009
#2	.31395	-.00088	.00139	.00282	-.00019	.00748	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40829	-.00010	.00015	-.00072	.09844	.00333	.00056
SDev	.00128	.00007	.00000	.00020	.00166	.00007	.00016
%RSD	.31450	65.358	2.9110	27.813	1.6851	2.1858	28.058
#1	.40739	-.00015	.00015	-.00086	.09961	.00328	.00067
#2	.40920	-.00005	.00015	-.00058	.09727	.00338	.00045

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00142	4.0787	.00274	.00009	.00111	.27183	8.0563
SDev	.00165	.0111	.00002	.00028	.00049	.04598	.0471
%RSD	116.33	.27336	.81233	315.11	44.554	16.914	.58451
#1	-.00259	4.0866	.00276	.00029	.00076	.23932	8.0896
#2	-.00025	4.0708	.00272	-.00011	.00146	.30434	8.0230

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	303.92	221.35	.00013	.00041	.00186	.00003
SDev	.00017	2.96	1.24	.00000	.00192	.00032	.00004
%RSD	26.824	.97423	.56149	3.2225	465.77	17.093	123.28
#1	.00050	306.02	222.23	.00012	.00177	.00208	.00000
#2	.00074	301.83	220.47	.00013	-.00095	.00163	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.00171	.00307	-.00070	.00585	-.00506
SDev	.00032	.00069	.00056	.00051	.00319	.00408
%RSD	47.187	40.158	18.144	73.849	54.551	80.590
#1	.00046	.00123	.00268	-.00033	.00811	-.00794
#2	.00091	.00220	.00346	-.00106	.00359	-.00218

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38472	--	--	--	--	--	--

SDev	217.0818	--	--	--	--	--	--
%RSD	.5642665	--	--	--	--	--	--
#1	38625	--	--	--	--	--	--
#2	38318	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52343-a-1-d ms Operator: DCL
Run Time: 03/29/12 10:21:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.586	1.0448	1.0506	1.0230	.51445	1.0547	.51849
SDev	.057	.0057	.0008	.0053	.00288	.0073	.00371
%RSD	.53916	.54959	.07151	.51774	.56051	.69424	.71638

#1	10.626	1.0488	1.0511	1.0267	.51649	1.0598	.52112
#2	10.545	1.0407	1.0501	1.0192	.51241	1.0495	.51586
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.683	1.0166	1.0237	1.0232	10.432	.54313	1.0257
SDev	.065	.0064	.0058	.0050	.061	.00291	.0049
%RSD	.60993	.62562	.56409	.48608	.58383	.53600	.48188
#1	10.729	1.0211	1.0278	1.0268	10.475	.54519	1.0292
#2	10.636	1.0121	1.0196	1.0197	10.389	.54107	1.0222
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0391	14.262	1.0185	1.0745	1.0541	13.697	9.2745
SDev	.0064	.087	.0057	.0001	.0037	.096	.0567
%RSD	.61864	.61191	.55849	.00505	.35106	.70173	.61137
#1	1.0437	14.323	1.0226	1.0745	1.0567	13.765	9.3146
#2	1.0346	14.200	1.0145	1.0744	1.0514	13.629	9.2345
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51963	316.49	230.35	.51211	1.0657	1.0599	1.0383
SDev	.00343	1.83	1.47	.00285	.0034	.0101	.0060
%RSD	.65923	.57805	.63742	.55653	.32149	.95076	.57430
#1	.52205	317.79	231.39	.51412	1.0681	1.0670	1.0425
#2	.51720	315.20	229.31	.51009	1.0632	1.0528	1.0341
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.0264	1.0594	1.0083	1.0343	1.0186	1.0494	
SDev	.0057	.0062	.0072	.0038	.0105	.0044	
%RSD	.55053	.58746	.71734	.36712	1.0320	.41803	
#1	1.0304	1.0638	1.0135	1.0370	1.0261	1.0525	
#2	1.0224	1.0550	1.0032	1.0317	1.0112	1.0463	

Analysis Report 03/29/12 10:25:32 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38320	--	--	--	--	--	--
SDev	65.05383	--	--	--	--	--	--
%RSD	.1697647	--	--	--	--	--	--
#1	38274	--	--	--	--	--	--
#2	38366	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52577-a-1-e Operator: DCL
Run Time: 03/29/12 10:25:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.02090	.00051	.00453	.13278	-.00015	.01292	.00014
SDev	.00127	.00137	.00048	.00031	.00001	.00016	.00005
%RSD	6.0511	268.28	10.642	.23096	8.9440	1.2147	34.662
#1	.02001	-.00046	.00487	.13300	-.00016	.01303	.00011
#2	.02180	.00148	.00419	.13257	-.00014	.01281	.00018
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.116	.00011	.00704	-.00011	.03551	.00106	.00124
SDev	.073	.00049	.00014	.00017	.01042	.00003	.00061
%RSD	.11609	455.19	1.9566	146.18	29.341	2.5417	49.252
#1	63.168	-.00024	.00694	-.00023	.02814	.00104	.00167
#2	63.064	.00045	.00714	.00000	.04288	.00108	.00081
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00292	.99864	.22332	.00290	.00170	.45889	.30939
SDev	.00166	.00196	.00020	.00173	.00042	.00314	.00098
%RSD	56.823	.19618	.08820	59.444	24.768	.68537	.31716
#1	-.00175	1.0000	.22346	.00412	.00140	.46111	.30870
#2	-.00409	.99725	.22318	.00168	.00200	.45666	.31009
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	181.89	144.74	.06012	.00568	.00386	-.00033
SDev	.00029	.23	.28	.00007	.00385	.00165	.00007
%RSD	54.336	.12903	.19170	.11906	67.741	42.833	20.562
#1	.00033	182.06	144.93	.06017	.00840	.00503	-.00037
#2	.00074	181.72	144.54	.06007	.00296	.00269	-.00028
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	-.00015	.00508	.00410	-.00020	-.00010	-.00433	
SDev	.00002	.00029	.00058	.00120	.00293	.00102	
%RSD	11.032	5.7651	14.190	608.20	2888.3	23.580	

Analysis Report 03/29/12 10:29:23 AM page 18

#1	-.00014	.00487	.00369	.00065	.00197	-.00361
#2	-.00016	.00529	.00451	-.00105	-.00218	-.00505

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38334	--	--	--	--	--	--
SDev	2.828427	--	--	--	--	--	--
%RSD	.0073784	--	--	--	--	--	--
#1	38336	--	--	--	--	--	--
#2	38332	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52577-a-2-e Operator: DCL
Run Time: 03/29/12 10:29:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02368	.00000	.00320	.16453	-.00021	.00690	.00015
SDev	.00088	.00004	.00166	.00054	.00000	.00018	.00002
%RSD	3.7265	1152.3	51.821	.32724	2.1721	2.6544	10.218
#1	.02430	.00003	.00203	.16491	-.00021	.00703	.00014
#2	.02306	-.00002	.00437	.16415	-.00021	.00677	.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.859	-.00005	.00141	-.00115	.02270	.00078	.00068
SDev	.242	.00000	.00025	.00011	.01349	.00002	.00018
%RSD	.28820	.07244	17.598	9.9120	59.428	1.8734	26.738
#1	84.030	-.00005	.00159	-.00107	.03224	.00079	.00080
#2	83.688	-.00005	.00124	-.00123	.01316	.00077	.00055

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00357	1.2362	.15851	.00039	-.00005	.26905	.19276
SDev	.00064	.0032	.00038	.00026	.00006	.00197	.00194
%RSD	17.912	.25831	.23688	67.802	133.79	.73269	1.0051
#1	-.00402	1.2385	.15877	.00058	-.00000	.27045	.19413
#2	-.00312	1.2340	.15824	.00020	-.00009	.26766	.19139

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	177.23	142.37	.04539	.00274	.00613	-.00051
SDev	.00017	.67	.66	.00014	.00143	.00121	.00003
%RSD	26.062	.37603	.46613	.29739	52.268	19.751	5.0513
#1	.00077	177.70	142.84	.04548	.00375	.00527	-.00053
#2	.00053	176.76	141.90	.04529	.00173	.00698	-.00050

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00405	.00335	-.00066	.00342	-.00706
SDev	.00000	.00027	.00103	.00078	.00056	.00124
%RSD	28.212	6.7234	30.669	119.05	16.261	17.512
#1	.00001	.00386	.00262	-.00010	.00381	-.00794
#2	.00001	.00424	.00407	-.00121	.00303	-.00619

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38158	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0277969	--	--	--	--	--	--
#1	38150	--	--	--	--	--	--
#2	38165	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52577-a-2-f ms Operator: DCL
Run Time: 03/29/12 10:33:17
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.554	1.0536	1.0824	1.2115	.52895	1.0603	.52757
SDev	.040	.0045	.0037	.0048	.00209	.0013	.00169
%RSD	.37593	.42583	.33817	.39431	.39465	.12678	.32099
#1	10.582	1.0568	1.0850	1.2148	.53043	1.0613	.52876
#2	10.526	1.0505	1.0798	1.2081	.52747	1.0594	.52637

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.302	1.0387	1.0421	1.0492	10.588	.54515	1.0496
SDev	.382	.0039	.0046	.0048	.058	.00230	.0035
%RSD	.39651	.37393	.44471	.45315	.54984	.42146	.32952
#1	96.572	1.0414	1.0454	1.0526	10.629	.54677	1.0520
#2	96.032	1.0359	1.0388	1.0458	10.547	.54352	1.0471

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0622	11.676	1.2003	1.0864	1.0866	13.426	1.2097
SDev	.0013	.045	.0052	.0014	.0077	.075	.0067
%RSD	.11992	.38641	.43058	.13047	.70531	.55770	.55283
#1	1.0613	11.707	1.2039	1.0874	1.0920	13.479	1.2144
#2	1.0631	11.644	1.1966	1.0854	1.0812	13.373	1.2049

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53518	196.92	157.21	.57180	1.0978	1.0550	1.0457
SDev	.00287	.57	.74	.00232	.0004	.0045	.0041
%RSD	.53658	.29067	.46908	.40583	.03223	.42618	.38990

Analysis Report 03/29/12 10:37:05 AM page 20

#1	.53721	197.33	157.73	.57344	1.0975	1.0582	1.0485
#2	.53315	196.52	156.69	.57016	1.0980	1.0519	1.0428

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0602	1.0889	1.0308	1.0590	1.0435	1.0716
SDev	.0045	.0032	.0052	.0026	.0072	.0055
%RSD	.42583	.29121	.50178	.24568	.69452	.51649
#1	1.0633	1.0912	1.0345	1.0608	1.0487	1.0676
#2	1.0570	1.0867	1.0272	1.0571	1.0384	1.0755

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37909	--	--	--	--	--	--
SDev	127.2792	--	--	--	--	--	--
%RSD	.3357494	--	--	--	--	--	--
#1	37819	--	--	--	--	--	--
#2	37999	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52577-a-2-g msd Operator: DCL

Run Time: 03/29/12 10:37:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.184	1.0244	1.0432	1.1695	.51045	1.0352	.50931
SDev	.045	.0091	.0042	.0053	.00296	.0032	.00303
%RSD	.44275	.88409	.40734	.45334	.57967	.30697	.59559
#1	10.216	1.0308	1.0462	1.1733	.51254	1.0375	.51146
#2	10.152	1.0180	1.0402	1.1658	.50835	1.0330	.50717

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	93.538	1.0024	1.0048	1.0110	10.211	.52623	1.0116
SDev	.573	.0056	.0063	.0049	.089	.00246	.0042
%RSD	.61311	.56142	.63034	.48376	.86783	.46830	.41694
#1	93.944	1.0064	1.0092	1.0145	10.274	.52798	1.0146
#2	93.133	.99843	1.0003	1.0076	10.148	.52449	1.0086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0292	11.257	1.1582	1.0591	1.0382	12.917	1.1738
SDev	.0035	.072	.0067	.0066	.0101	.078	.0069
%RSD	.34111	.63548	.57485	.62028	.96819	.60620	.58440
#1	1.0317	11.307	1.1629	1.0637	1.0453	12.972	1.1787
#2	1.0267	11.206	1.1535	1.0544	1.0311	12.862	1.1690

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51658	191.76	153.53	.55222	1.0624	1.0244	1.0175
SDev	.00284	1.10	.58	.00266	.0025	.0073	.0050
%RSD	.55063	.57111	.37885	.48202	.23601	.70792	.49315
#1	.51859	192.53	153.94	.55410	1.0642	1.0295	1.0211
#2	.51457	190.98	153.12	.55034	1.0606	1.0193	1.0140

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0220	1.0552	.98744	1.0237	1.0026	1.0425
SDev	.0061	.0060	.00618	.0032	.0131	.0013
%RSD	.59327	.56752	.62608	.31608	1.3038	.12181
#1	1.0263	1.0594	.99181	1.0260	1.0118	1.0416
#2	1.0178	1.0509	.98307	1.0214	.99334	1.0434

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38434	--	--	--	--	--	--
SDev	84.14571	--	--	--	--	--	--
%RSD	.2189328	--	--	--	--	--	--
#1	38375	--	--	--	--	--	--
#2	38494	--	--	--	--	--	--

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--------------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-52715-a-1-c        Operator: DCL
Run Time: 03/29/12 10:40:59
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .02558    .00023    .00277    .21876    -.00016   .01366    .00029
 SDev    .00011    .00006    .00241    .00171     .00001   .00034    .00020
 %RSD    .44465    28.022    86.825    .78329    9.1626    2.5000    68.004

 #1      .02566    .00019    .00447    .21997    -.00015   .01342    .00043
 #2      .02550    .00028    .00107    .21755    -.00017   .01390    .00015

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    84.352    .00007    .00116    -.00084   .04257    .00101    .00109
 SDev      .655    .00002    .00039     .00013   .00687    .00007    .00038
 %RSD    .77628    23.402    33.371    15.800    16.148    7.3895    34.818

 #1      84.815    .00009    .00143    -.00075   .04743    .00106    .00136
 #2      83.889    .00006    .00089    -.00093   .03771    .00096    .00082

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00242   4.2651    .24636    .00369    .00035    .30587    .25638
 SDev     .00221    .0312    .00182    .00188    .00014    .01628    .00167
 %RSD    91.294    .73267    .73762    50.841    39.027    5.3238    .65200

 #1      -.00398   4.2872    .24764    .00502    .00026    .31738    .25756

Analysis Report                          03/29/12 10:44:47 AM        page 22


 #2      -.00086   4.2430    .24507    .00237    .00045    .29435    .25520

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00043    179.97    144.32    .17869    .00987    .00403    -.00026
 SDev    .00000      1.81      1.17    .00129    .00187    .00137     .00006
 %RSD    .43377    1.0076    .81313    .72408    18.930    33.999    21.243

 #1      .00043    181.25    145.15    .17960    .01120    .00306    -.00022
 #2      .00043    178.69    143.49    .17777    .00855    .00499    -.00030

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00013    .00245    .00247    .00041    .00084    -.00405
 SDev    .00011    .00121    .00059    .00086    .00242     .00210
 %RSD    83.444    49.248    23.750    212.20    287.82    51.931

 #1      .00005    .00160    .00205    .00102    -.00087   -.00553
 #2      .00021    .00331    .00288    -.00020   .00255    -.00256

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    38202     --        --        --        --        --        --
 SDev    130.8148  --        --        --        --        --        --
 %RSD    .3424335  --        --        --        --        --        --
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#1	38109	--	--	--	--	--	--
#2	38294	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52715-a-2-e Operator: DCL
Run Time: 03/29/12 10:44:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02716	.00161	.00318	.18229	-.00023	.00988	.00022
SDev	.00324	.00210	.00111	.00054	.00002	.00008	.00000
%RSD	11.911	129.85	34.815	.29584	7.8621	.77094	1.4670
#1	.02487	.00013	.00396	.18267	-.00022	.00983	.00022
#2	.02944	.00310	.00239	.18191	-.00024	.00994	.00023

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.825	-.00023	.00026	-.00104	.03038	.00085	.00056
SDev	.196	.00015	.00006	.00007	.00318	.00000	.00041
%RSD	.22373	65.010	21.742	7.0110	10.475	.45061	72.685
#1	87.964	-.00033	.00030	-.00099	.03263	.00084	.00027
#2	87.686	-.00012	.00022	-.00109	.02813	.00085	.00085

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00384	2.7621	.05522	.00002	.00012	.41821	.24489

SDev	.00160	.0066	.00013	.00092	.00012	.00857	.00182
%RSD	41.759	.23883	.23810	5766.7	102.11	2.0495	.74438
#1	-.00271	2.7668	.05532	.00067	.00020	.41215	.24618
#2	-.00498	2.7574	.05513	-.00064	.00003	.42427	.24360

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	181.67	145.55	.16050	.00091	.00197	-.00053
SDev	.00032	.93	.39	.00030	.00164	.00200	.00015
%RSD	61.708	.51447	.26767	.18359	179.31	101.41	28.955
#1	.00074	182.33	145.83	.16070	-.00025	.00339	-.00064
#2	.00029	181.00	145.27	.16029	.00207	.00056	-.00042

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00147	.00393	-.00112	.00244	-.00698
SDev	.00007	.00012	.00045	.00039	.00163	.00159
%RSD	23.425	8.3348	11.361	34.837	66.783	22.798
#1	-.00026	.00138	.00362	-.00140	.00359	-.00586
#2	-.00037	.00155	.00425	-.00085	.00129	-.00811

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38107	--	--	--	--	--	--

SDev	70.71068	--	--	--	--	--	--
%RSD	.1855582	--	--	--	--	--	--
#1	38157	--	--	--	--	--	--
#2	38057	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52424-a-1-l Operator: DCL
Run Time: 03/29/12 10:48:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18363	-.00172	.00297	.13962	.00014	.06252	.00008
SDev	.00102	.00218	.00016	.00055	.00001	.00069	.00011
%RSD	.55691	126.55	5.5118	.39418	4.3015	1.1041	128.81
#1	.18435	-.00326	.00285	.14001	.00014	.06301	.00001
#2	.18291	-.00018	.00308	.13923	.00014	.06203	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4409	.00005	.00361	-.00063	.82032	.00068	.00456
SDev	.0289	.00031	.00008	.00008	.00156	.00000	.00082
%RSD	.30579	633.02	2.3166	12.604	.19022	.42940	18.006
#1	9.4613	-.00017	.00367	-.00069	.81921	.00068	.00398

#2	9.4205	.00027	.00355	-.00057	.82142	.00068	.00514

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00389	1.2228	.18011	-.00063	.00207	.38983	.70420
SDev	.00129	.0032	.00077	.00044	.00006	.00430	.00189
%RSD	33.125	.25954	.42548	68.666	2.9684	1.1021	.26823
#1	-.00298	1.2250	.18065	-.00033	.00203	.38679	.70553
#2	-.00480	1.2205	.17956	-.00094	.00211	.39286	.70286

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	170.30	136.14	.03502	.00161	.00282	.00324
SDev	.00015	.79	.52	.00012	.00066	.00090	.00023
%RSD	20.443	.46199	.38028	.35208	41.033	32.043	7.1493
#1	.00081	170.85	136.51	.03511	.00115	.00346	.00340
#2	.00061	169.74	135.77	.03493	.00208	.00218	.00308

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.01576	.00648	.00360	-.00048	-.00560
SDev	.00012	.00012	.00110	.00068	.00028	.00208
%RSD	132.33	.78513	16.879	19.021	58.667	37.094
#1	-.00018	.01585	.00571	.00312	-.00068	-.00413
#2	-.00001	.01567	.00726	.00409	-.00028	-.00707

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38492	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.0606225	--	--	--	--	--	--
#1	38475	--	--	--	--	--	--
#2	38508	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 10:52:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4512	.50096	.50375	.49774	.49800	.50007	.51264
SDev	.0150	.00455	.00562	.00458	.00598	.00406	.00682
%RSD	.61356	.90902	1.1165	.92004	1.2008	.81236	1.3307
#1	2.4619	.50418	.50772	.50098	.50223	.50295	.51746
#2	2.4406	.49774	.49977	.49451	.49377	.49720	.50782

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.595	.49245	.49355	.49052	2.5792	.46480	.49883
SDev	.152	.00560	.00599	.00179	.0599	.00372	.00747
%RSD	1.2046	1.1378	1.2128	.36523	2.3242	.80077	1.4978
#1	12.703	.49641	.49778	.49178	2.6216	.46743	.50411
#2	12.488	.48849	.48932	.48925	2.5368	.46217	.49354

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49909	4.9633	.49026	.50508	.51263	12.273	.94703
SDev	.00745	.0684	.00558	.00459	.00385	.187	.00445
%RSD	1.4917	1.3787	1.1371	.90851	.75207	1.5267	.46972
#1	.50436	5.0117	.49421	.50833	.51536	12.406	.95017
#2	.49383	4.9149	.48632	.50184	.50991	12.141	.94388

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24763	12.444	11.890	.25085	.52032	.50705	.50392
SDev	.00265	.027	.038	.00258	.00172	.00563	.00508
%RSD	1.0699	.21309	.32123	1.0290	.33048	1.1100	1.0087
#1	.24950	12.463	11.917	.25267	.51911	.51103	.50752
#2	.24575	12.425	11.863	.24902	.52154	.50307	.50033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49909	.51335	.48402	.50623	.48567	.50586
SDev	.00528	.00558	.01141	.00550	.01441	.00396
%RSD	1.0583	1.0862	2.3584	1.0863	2.9676	.78314
#1	.50283	.51729	.49209	.51012	.49587	.50866
#2	.49536	.50940	.47595	.50234	.47548	.50306

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39284	--	--	--	--	--	--
SDev	470.9331	--	--	--	--	--	--
%RSD	1.198791	--	--	--	--	--	--
#1	38951	--	--	--	--	--	--
#2	39617	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 10:56:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02172	.00004	.00252	.00004	-.00018	.00187	.00015
SDev	.00257	.00075	.00047	.00000	.00004	.00059	.00013
%RSD	11.838	1755.5	18.514	.32412	21.041	31.718	86.415

#1	.01990	.00057	.00219	.00004	-.00015	.00229	.00024
#2	.02354	-.00048	.00285	.00004	-.00020	.00145	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00377	.00008	-.00008	-.00147	.00311	.00003	.00073
SDev	.00044	.00039	.00005	.00032	.00311	.00008	.00029
%RSD	11.575	468.49	66.336	22.029	100.16	281.03	40.374
#1	-.00346	-.00019	-.00011	-.00170	.00531	.00008	.00052
#2	-.00408	.00036	-.00004	-.00124	.00091	-.00003	.00093

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00314	-.01229	.00008	.00063	-.00069	-.09766	-.00620
SDev	.00244	.00130	.00000	.00094	.00034	.02183	.00062
%RSD	77.520	10.577	.22780	149.16	48.997	22.348	10.069
#1	-.00142	-.01137	.00008	.00129	-.00045	-.08223	-.00664
#2	-.00487	-.01321	.00008	-.00003	-.00093	-.11310	-.00576

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	-.00622	.00999	.00001	.00338	.00070	.00012
SDev	.00009	.03625	.00212	.00000	.00052	.00063	.00005
%RSD	40.215	582.62	21.238	55.540	15.270	89.490	44.632
#1	.00016	.01941	.01149	.00001	.00301	.00114	.00015
#2	.00029	-.03185	.00849	.00000	.00374	.00026	.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	-.00116	.00262	-.00022	-.00150	-.00397
SDev	.00011	.00011	.00183	.00048	.00261	.00235
%RSD	128.40	9.4560	69.746	212.44	174.40	59.269

#1	-.00017	-.00124	.00133	.00011	.00035	-.00231
#2	-.00001	-.00108	.00392	-.00056	-.00334	-.00563

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40143	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1162570	--	--	--	--	--	--
#1	40176	--	--	--	--	--	--
#2	40110	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-75838/1-b Operator: DCL
Run Time: 03/29/12 11:00:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02576	.00109	.00010	.00213	-.00025	.02640	.00020
SDev	.00152	.00237	.00049	.00010	.00001	.00049	.00007
%RSD	5.9124	217.44	498.50	4.5006	2.4035	1.8403	37.361
#1	.02468	.00276	.00045	.00220	-.00025	.02606	.00015
#2	.02684	-.00059	-.00025	.00206	-.00024	.02674	.00025

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18866	-.00012	.00041	-.00138	.02199	-.00013	.00063
SDev	.00046	.00026	.00026	.00011	.00647	.00000	.00029
%RSD	.24341	228.66	64.406	7.8379	29.438	3.3922	46.126
#1	.18898	.00007	.00022	-.00130	.01741	-.00013	.00042
#2	.18833	-.00030	.00059	-.00145	.02657	-.00012	.00083

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00268	-.00228	.00019	-.00007	-.00055	-.12550	.07233
SDev	.00162	.00087	.00002	.00062	.00013	.00266	.00067
%RSD	60.564	38.032	9.5529	953.37	22.621	2.1212	.92498
#1	-.00382	-.00289	.00021	-.00051	-.00047	-.12738	.07186
#2	-.00153	-.00167	.00018	.00038	-.00064	-.12362	.07280

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	3.1681	2.7998	.00019	.00096	.00340	.00005
SDev	.00025	.0235	.0121	.00001	.00125	.00060	.00006
%RSD	39.809	.74141	.43378	7.1259	130.66	17.589	118.43
#1	.00046	3.1515	2.8083	.00020	.00184	.00298	.00001
#2	.00082	3.1847	2.7912	.00018	.00007	.00382	.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	.00129	.00241	-.00027	.00122	-.00463

SDev	.00030	.00008	.00070	.00078	.00009	.00239
%RSD	132.89	6.4542	28.859	294.35	7.5360	51.568
#1	-.00001	.00123	.00291	-.00082	.00116	-.00631
#2	-.00044	.00135	.00192	.00029	.00129	-.00294

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40264	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0439039	--	--	--	--	--	--
#1	40252	--	--	--	--	--	--
#2	40277	--	--	--	--	--	--

03/29/12 11:07:55 AM page 28

Method: 20076010 Sample Name: 600-52584-a-1-f Operator: DCL
Run Time: 03/29/12 11:04:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1308	.00715	.00490	.03123	-.00017	.17158	.01250
SDev	.0750	.00230	.00104	.00026	.00001	.00156	.00017
%RSD	1.8156	32.119	21.262	.82231	3.1132	.91114	1.3941
#1	4.1839	.00553	.00564	.03141	-.00018	.17268	.01262
#2	4.0778	.00878	.00417	.03105	-.00017	.17047	.01237

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.468	.00519	.00090	.00420	2.3733	.00374	.07631
SDev	.048	.00025	.00019	.00044	.0064	.00000	.00090
%RSD	.38162	4.8850	20.887	10.389	.27035	.01043	1.1821
#1	12.501	.00501	.00104	.00389	2.3779	.00374	.07695
#2	12.434	.00537	.00077	.00450	2.3688	.00374	.07568

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.92237	.02362	.00230	.00388	.83824	11.701
SDev	.00094	.00181	.00011	.00020	.00042	.01686	.133
%RSD	70.677	.19677	.48100	8.6925	10.740	2.0112	1.1365
#1	.00067	.92365	.02370	.00216	.00418	.82632	11.795
#2	.00200	.92109	.02354	.00244	.00359	.85016	11.607

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	38.684	34.840	.03285	.00159	.00464	.13851
SDev	.00029	.468	.363	.00016	.00337	.00034	.01166
%RSD	36.865	1.2086	1.0409	.50006	212.29	7.2635	8.4166
#1	.00098	39.015	35.097	.03296	.00397	.00488	.14675
#2	.00057	38.354	34.584	.03273	-.00080	.00440	.13026

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01142	.01052	.07661	.07616	.00654	-.00127
SDev	.00022	.00003	.00383	.00056	.00040	.00162
%RSD	1.9274	.32054	5.0055	.74094	6.1541	127.14
#1	.01126	.01050	.07933	.07576	.00683	-.00241
#2	.01157	.01055	.07390	.07656	.00626	-.00013

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39008	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.2447207	--	--	--	--	--	--

#1	39075	--	--	--	--	--	--
#2	38940	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52584-a-1-g du Operator: DCL
Run Time: 03/29/12 11:07:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1783	.00932	.00576	.03117	-.00016	.17018	.01219
SDev	.0933	.00112	.00011	.00050	.00000	.00135	.00024
%RSD	2.2336	12.000	1.9541	1.6179	1.3605	.79283	2.0012
#1	4.2443	.01011	.00584	.03153	-.00016	.17113	.01237
#2	4.1123	.00853	.00568	.03081	-.00016	.16923	.01202

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.270	.00505	.00058	.00407	2.3363	.00379	.07606
SDev	.146	.00003	.00000	.00028	.0337	.00011	.00006
%RSD	1.1866	.67608	.33952	6.9471	1.4421	2.9043	.07739
#1	12.373	.00502	.00058	.00427	2.3601	.00386	.07610
#2	12.167	.00507	.00058	.00387	2.3124	.00371	.07602

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00270	.91038	.02342	.00259	.00347	.85674	11.753
SDev	.00181	.01741	.00031	.00015	.00007	.03606	.239
%RSD	67.156	1.9124	1.3068	5.9723	2.1355	4.2096	2.0296
#1	.00142	.92269	.02364	.00248	.00341	.88225	11.922
#2	.00398	.89807	.02321	.00270	.00352	.83124	11.585

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	38.054	34.255	.03244	.00190	.00183	.17060
SDev	.00031	.315	.308	.00043	.00114	.00078	.01318
%RSD	80.641	.82853	.90035	1.3279	59.952	42.393	7.7262
#1	.00017	38.277	34.474	.03275	.00270	.00128	.17992

#2	.00061	37.831	34.037	.03214	.00109	.00238	.16128

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01152	.01072	.07439	.07689	.00436	.00186
SDev	.00013	.00004	.00007	.00013	.00392	.00076
%RSD	1.1215	.34736	.09946	.16294	89.853	40.577
#1	.01161	.01070	.07434	.07698	.00159	.00133
#2	.01143	.01075	.07444	.07680	.00713	.00240

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38983	--	--	--	--	--	--
SDev	223.4457	--	--	--	--	--	--
%RSD	.5731877	--	--	--	--	--	--
#1	38825	--	--	--	--	--	--
#2	39141	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52584-a-1-h ms Operator: DCL
Run Time: 03/29/12 11:11:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.470	1.0419	1.0443	1.0612	.51074	1.2146	.53293
SDev	.056	.0058	.0052	.0055	.00184	.0071	.00146
%RSD	.38376	.55581	.50201	.51709	.35970	.58142	.27460
#1	14.431	1.0378	1.0406	1.0574	.50944	1.2096	.53189
#2	14.510	1.0460	1.0480	1.0651	.51203	1.2196	.53396

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.693	1.0168	1.0133	1.0143	12.805	.50215	1.0912
SDev	.066	.0035	.0035	.0051	.043	.00217	.0066
%RSD	.28879	.34089	.34994	.50665	.33277	.43277	.60108
#1	22.647	1.0144	1.0108	1.0106	12.775	.50062	1.0866
#2	22.740	1.0193	1.0158	1.0179	12.835	.50369	1.0959

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0196	11.145	1.0414	1.0637	1.0435	11.910	13.355
SDev	.0135	.034	.0035	.0078	.0030	.042	.027
%RSD	1.3235	.30096	.33975	.72920	.28941	.35033	.20224
#1	1.0101	11.122	1.0389	1.0582	1.0414	11.880	13.336
#2	1.0292	11.169	1.0439	1.0692	1.0456	11.939	13.374

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51577	50.222	46.248	.55124	1.0705	1.0343	1.1969
SDev	.00186	.267	.159	.00262	.0143	.0011	.0028

%RSD	.36082	.53209	.34474	.47470	1.3344	.10207	.23634
#1	.51446	50.033	46.135	.54939	1.0604	1.0336	1.1989
#2	.51709	50.410	46.360	.55309	1.0806	1.0350	1.1949

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0349	1.0655	1.0610	1.1064	.99106	1.0339
SDev	.0041	.0036	.0047	.0075	.00872	.0159
%RSD	.39914	.34160	.44675	.67509	.87974	1.5363
#1	1.0320	1.0629	1.0576	1.1011	.98490	1.0227

#2	1.0379	1.0680	1.0643	1.1116	.99723	1.0451	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38656	--	--	--	--	--	--
SDev	222.7386	--	--	--	--	--	--
%RSD	.5761997	--	--	--	--	--	--
#1	38814	--	--	--	--	--	--
#2	38499	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52584-a-1-i msd Operator: DCL
Run Time: 03/29/12 11:15:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.591	1.0482	1.0549	1.0733	.51547	1.2214	.53826
SDev	.037	.0016	.0052	.0029	.00175	.0026	.00184
%RSD	.25524	.14822	.49145	.26916	.33891	.21558	.34199
#1	14.618	1.0493	1.0513	1.0753	.51670	1.2232	.53956
#2	14.565	1.0471	1.0586	1.0713	.51423	1.2195	.53696

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.841	1.0254	1.0216	1.0232	12.903	.50856	1.1023
SDev	.070	.0036	.0035	.0023	.054	.00139	.0065
%RSD	.30669	.35269	.34656	.22237	.42000	.27343	.59085
#1	22.891	1.0279	1.0241	1.0248	12.942	.50955	1.1069
#2	22.792	1.0228	1.0191	1.0215	12.865	.50758	1.0977

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0289	11.239	1.0507	1.0724	1.0457	12.050	13.397
SDev	.0022	.036	.0035	.0001	.0020	.053	.030
%RSD	.21259	.32044	.32877	.00963	.19353	.43913	.22242
#1	1.0305	11.264	1.0531	1.0724	1.0471	12.088	13.418
#2	1.0274	11.213	1.0483	1.0725	1.0443	12.013	13.376

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.52095	50.486	46.663	.55768	1.0895	1.0372	1.1910
SDev	.00145	.024	.103	.00148	.0080	.0040	.0030
%RSD	.27835	.04825	.22164	.26516	.73519	.38216	.25167
#1	.52198	50.469	46.736	.55872	1.0952	1.0400	1.1931
#2	.51993	50.503	46.589	.55663	1.0838	1.0344	1.1889

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0442	1.0774	1.0671	1.1199	.99473	1.0460

SDev	.0027	.0032	.0083	.0056	.00028	.0031
%RSD	.26074	.29267	.78242	.49958	.02852	.30011
#1	1.0461	1.0796	1.0730	1.1239	.99493	1.0482
#2	1.0422	1.0752	1.0612	1.1160	.99453	1.0438

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38504	--	--	--	--	--	--
SDev	118.0868	--	--	--	--	--	--
%RSD	.3066912	--	--	--	--	--	--
#1	38420	--	--	--	--	--	--
#2	38587	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52584-a-2-c Operator: DCL
Run Time: 03/29/12 11:19:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.4233	.01827	.00734	.05477	-.00003	.13261	.00044
SDev	.0355	.00022	.00009	.00024	.00003	.00104	.00004
%RSD	.42123	1.2330	1.2160	.44090	111.61	.78276	8.9011
#1	8.4484	.01843	.00728	.05494	-.00005	.13335	.00042
#2	8.3982	.01811	.00740	.05460	-.00001	.13188	.00047

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.841	.01082	.00114	.00912	5.9146	.00464	.18114
SDev	.073	.00022	.00035	.00044	.0099	.00002	.00052
%RSD	.33557	2.0615	31.143	4.8238	.16783	.43113	.28586
#1	21.892	.01066	.00089	.00880	5.9217	.00463	.18151
#2	21.789	.01098	.00139	.00943	5.9076	.00466	.18078

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	1.4843	.08609	.00916	.00824	1.2922	19.359
SDev	.00324	.0025	.00036	.00186	.00013	.0057	.082
%RSD	420.98	.16984	.42340	20.294	1.5656	.43990	.42313
#1	.00306	1.4861	.08635	.01047	.00815	1.2881	19.417
#2	-.00152	1.4825	.08584	.00784	.00834	1.2962	19.301

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	33.619	30.606	.05694	.00412	.00329	.06993
SDev	.00046	.033	.163	.00029	.00064	.00047	.00026
%RSD	215.70	.09890	.53201	.51126	15.594	14.380	.36754
#1	-.00011	33.643	30.721	.05715	.00457	.00363	.07011
#2	.00054	33.596	30.491	.05674	.00367	.00296	.06975

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02426	.03851	.17799	.18272	.00303	-.00036
SDev	.00019	.00013	.00172	.00008	.00577	.00198
%RSD	.79934	.33470	.96421	.04454	190.34	547.53
#1	.02412	.03860	.17921	.18266	.00712	.00104
#2	.02440	.03841	.17678	.18277	-.00105	-.00176

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38660	--	--	--	--	--	--
SDev	68.58935	--	--	--	--	--	--
%RSD	.1774192	--	--	--	--	--	--
#1	38611	--	--	--	--	--	--
#2	38708	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52577-a-2-e Operator: DCL
Run Time: 03/29/12 11:23:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.044	.98942	1.0359	1.1634	.49469	1.0303	.50759
SDev	.019	.00571	.0032	.0026	.00162	.0046	.00174
%RSD	.19007	.57672	.31069	.22025	.32796	.45083	.34284
#1	10.057	.98539	1.0381	1.1652	.49583	1.0336	.50882
#2	10.030	.99346	1.0336	1.1616	.49354	1.0271	.50636

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.585	.98813	.97922	.99453	10.061	1.0645	1.0062
SDev	.307	.00307	.00283	.00255	.025	.0019	.0041
%RSD	.33199	.31104	.28889	.25639	.25244	.18228	.40628
#1	92.802	.99030	.98122	.99634	10.079	1.0659	1.0091
#2	92.368	.98596	.97722	.99273	10.043	1.0632	1.0033

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0136	11.053	1.1454	1.0219	1.0029	12.835	1.1852
SDev	.0033	.053	.0036	.0003	.0032	.039	.0088
%RSD	.32454	.47647	.31527	.03374	.31449	.30572	.74588
#1	1.0112	11.090	1.1480	1.0217	1.0052	12.863	1.1914

#2	1.0159	11.015	1.1429	1.0222	1.0007	12.807	1.1789

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50684	189.67	153.04	.54579	1.0521	1.0113	1.0066
SDev	.00181	.35	.40	.00119	.0030	.0031	.0026

%RSD	.35713	.18448	.26138	.21743	.28600	.30820	.25402
#1	.50812	189.91	153.32	.54663	1.0500	1.0135	1.0084
#2	.50556	189.42	152.75	.54496	1.0542	1.0091	1.0048

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99821	1.0479	.97451	1.0220	.98368	1.0285
SDev	.00275	.0036	.00284	.0047	.00141	.0056
%RSD	.27533	.34368	.29119	.46114	.14362	.54842
#1	1.0002	1.0504	.97652	1.0253	.98468	1.0245
#2	.99626	1.0453	.97251	1.0187	.98268	1.0325

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37924	--	--	--	--	--	--
SDev	80.61018	--	--	--	--	--	--
%RSD	.2125572	--	--	--	--	--	--
#1	37867	--	--	--	--	--	--
#2	37981	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52577-a-2-e@5 Operator: DCL
Run Time: 03/29/12 11:27:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03439	.00584	.00434	.03274	-.00032	.00421	.00012
SDev	.00194	.00510	.00016	.00014	.00000	.00069	.00013
%RSD	5.6471	87.231	3.7042	.43093	.43227	16.369	104.41
#1	.03576	.00945	.00423	.03284	-.00031	.00470	.00021
#2	.03301	.00224	.00446	.03264	-.00032	.00373	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.634	-.00011	.00031	-.00145	.00698	.00033	.00064
SDev	.136	.00015	.00012	.00004	.00561	.00023	.00070
%RSD	.81649	131.16	38.324	2.5873	80.413	69.503	109.22
#1	16.730	-.00001	.00023	-.00142	.01095	.00050	.00015
#2	16.538	-.00021	.00039	-.00147	.00301	.00017	.00113

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	.24453	.03078	.00334	-.00062	.06159	.03271
SDev	.00132	.01537	.00027	.00254	.00048	.10727	.00075
%RSD	46.195	6.2875	.87529	76.167	76.539	174.15	2.2997

#1	-.00379	.25540	.03097	.00514	-.00029	.13744	.03325
#2	-.00193	.23366	.03059	.00154	-.00096	-.01426	.03218

Analysis Report 03/29/12 11:31:02 AM page 35

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	30.796	27.820	.00906	.00027	.00098	-.00006
SDev	.00042	.023	.012	.00003	.00018	.00069	.00020
%RSD	111.95	.07603	.04483	.32210	65.678	69.632	321.04
#1	.00067	30.780	27.811	.00908	.00015	.00050	.00008
#2	.00008	30.813	27.829	.00904	.00040	.00147	-.00020

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00211	.00185	.00003	.00385	-.00621
SDev	.00004	.00000	.00153	.00181	.00126	.00135
%RSD	277.13	.03320	82.585	5934.0	32.717	21.743
#1	-.00004	.00211	.00293	-.00125	.00296	-.00717
#2	.00001	.00210	.00077	.00131	.00474	-.00526

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38846	--	--	--	--	--	--
SDev	653.3666	--	--	--	--	--	--
%RSD	1.681941	--	--	--	--	--	--
#1	38384	--	--	--	--	--	--
#2	39308	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 11:31:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4903	.50726	.51232	.50641	.49733	.50721	.51620
SDev	.0130	.00160	.00116	.00237	.00343	.00234	.00384
%RSD	.52368	.31514	.22659	.46727	.69048	.46122	.74318
#1	2.4996	.50839	.51314	.50808	.49976	.50886	.51891
#2	2.4811	.50613	.51149	.50474	.49490	.50555	.51349

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.664	.49389	.49352	.49582	2.5918	.47428	.50013
SDev	.084	.00323	.00357	.00249	.0130	.00237	.00243
%RSD	.66559	.65337	.72241	.50326	.49972	.49907	.48656
#1	12.724	.49617	.49604	.49759	2.6010	.47596	.50185
#2	12.605	.49161	.49100	.49406	2.5827	.47261	.49841

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50179	4.9622	.49267	.51074	.50563	12.452	.95662

SDev	.00378	.0369	.00305	.00167	.00399	.101	.00390
%RSD	.75304	.74432	.61923	.32673	.78931	.81365	.40811

#1	.50446	4.9883	.49482	.51192	.50845	12.524	.95938
#2	.49911	4.9361	.49051	.50956	.50281	12.380	.95386

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25025	12.644	12.191	.25507	.52577	.50523	.50903
SDev	.00191	.124	.045	.00136	.00214	.00383	.00258
%RSD	.76134	.98435	.36716	.53437	.40728	.75782	.50688
#1	.25160	12.732	12.223	.25604	.52426	.50794	.51086
#2	.24890	12.556	12.159	.25411	.52728	.50252	.50721

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50172	.51992	.48418	.50811	.48356	.51096
SDev	.00341	.00317	.00352	.00189	.00477	.00328
%RSD	.67881	.60899	.72726	.37187	.98658	.64252
#1	.50412	.52216	.48667	.50944	.48694	.51328
#2	.49931	.51768	.48169	.50677	.48019	.50863

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39198	--	--	--	--	--	--
SDev	262.3366	--	--	--	--	--	--
%RSD	.6692517	--	--	--	--	--	--
#1	39013	--	--	--	--	--	--
#2	39384	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 11:34:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03386	.00156	.00340	.00007	-.00032	.00161	.00014
SDev	.00045	.00041	.00072	.00006	.00002	.00023	.00016
%RSD	1.3329	26.047	21.154	96.691	6.3843	14.273	118.06
#1	.03354	.00184	.00289	.00002	-.00033	.00145	.00002
#2	.03418	.00127	.00391	.00011	-.00031	.00177	.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01453	-.00027	.00012	-.00177	.00825	.00002	.00101
SDev	.00085	.00014	.00051	.00018	.01734	.00001	.00000
%RSD	5.8509	52.505	435.05	10.054	210.33	61.610	.30388
#1	.01392	-.00037	-.00024	-.00189	-.00402	.00001	.00101
#2	.01513	-.00017	.00047	-.00164	.02051	.00002	.00101

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 03/29/12 11:38:44 AM page 37

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	-.00754	.00008	.00176	-.00027	-.06686	-.00704
SDev	.00199	.00015	.00000	.00051	.00062	.00533	.00001
%RSD	394.20	1.9286	.36764	29.027	229.90	7.9731	.12462
#1	.00090	-.00764	.00008	.00212	-.00071	-.07063	-.00705
#2	-.00191	-.00744	.00008	.00140	.00017	-.06309	-.00703

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00869	.00804	.00003	.00344	.00067	-.00003
SDev	.00073	.20991	.00067	.00000	.00012	.00071	.00014
%RSD	241.94	2415.4	8.3266	12.718	3.5161	105.98	547.40
#1	-.00021	-.13974	.00757	.00003	.00335	.00017	-.00012
#2	.00082	.15712	.00852	.00003	.00352	.00117	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00051	.00448	-.00073	.00451	-.00301
SDev	.00000	.00014	.00293	.00146	.00237	.00417
%RSD	1.9475	28.431	65.387	200.74	52.600	138.63
#1	-.00025	.00040	.00241	.00031	.00283	-.00006
#2	-.00026	.00061	.00655	-.00176	.00618	-.00596

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39658	--	--	--	--	--	--
SDev	86.26703	--	--	--	--	--	--
%RSD	.2175274	--	--	--	--	--	--
#1	39597	--	--	--	--	--	--
#2	39719	--	--	--	--	--	--

Analysis Report 03/29/12 12:17:15 PM page 1

Method: 20076010 Sample Name: mb 600-75908/1-a Operator: DCL
Run Time: 03/29/12 12:13:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04209	.00204	.00422	.00218	-.00044	.00003	.00016
SDev	.00044	.00018	.00044	.00000	.00000	.00011	.00014
%RSD	1.0363	8.8428	10.381	.02016	.57863	326.46	88.894
#1	.04240	.00216	.00391	.00218	-.00044	.00011	.00026
#2	.04178	.00191	.00453	.00218	-.00044	-.00004	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50772	.00041	-.00005	-.00133	.03466	-.00025	.00149
SDev	.01787	.00025	.00074	.00008	.01761	.00001	.00023

%RSD	3.5206	61.662	1528.0	5.8817	50.816	2.4911	15.096
#1	.52036	.00023	.00048	-.00139	.04712	-.00026	.00133
#2	.49508	.00059	-.00057	-.00127	.02221	-.00025	.00165

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00212	-.01655	.00044	-.00076	-.00002	-.09829	-.00507
SDev	.00147	.00154	.00002	.00107	.00059	.00053	.00024
%RSD	69.354	9.3249	4.3043	141.12	2492.7	.53551	4.6710
#1	-.00108	-.01546	.00045	-.00000	.00039	-.09867	-.00523
#2	-.00315	-.01764	.00042	-.00152	-.00044	-.09792	-.00490

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.23028	.04128	.00031	-.00200	.03042	-.00001
SDev	.00054	.24724	.00082	.00003	.00127	.00104	.00000
%RSD	84.650	107.37	1.9836	8.1261	63.254	3.4271	.69494
#1	.00101	.40510	.04070	.00033	-.00111	.02968	-.00001
#2	.00025	.05545	.04186	.00029	-.00289	.03115	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.04012	.00509	-.00030	-.00191	-.00222
SDev	.00005	.00154	.00031	.00049	.00336	.00388
%RSD	90.687	3.8362	6.0263	161.99	176.24	174.97
#1	-.00009	.04120	.00530	-.00065	-.00429	.00053
#2	-.00002	.03903	.00487	.00004	.00047	-.00496

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39802	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0195424	--	--	--	--	--	--

#1	39796	--	--	--	--	--	--
#2	39807	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-75908/2-a Operator: DCL
Run Time: 03/29/12 12:17:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.626	.73240	1.3005	2.4633	1.4498	.85395	.70363
SDev	.038	.01157	.0040	.0020	.0003	.00095	.00008
%RSD	.04766	1.5800	.30989	.08140	.02334	.11085	.01073
#1	79.652	.72422	1.3034	2.4648	1.4501	.85328	.70358
#2	79.599	.74059	1.2977	2.4619	1.4496	.85462	.70368

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.113	.96991	1.3291	1.0493	152.22	.07995	1.3245
SDev	.079	.00075	.0018	.0011	.22	.00001	.0012
%RSD	.08604	.07721	.13386	.10954	.14776	.01549	.09293
#1	92.169	.97044	1.3304	1.0501	152.38	.07996	1.3237
#2	92.057	.96938	1.3278	1.0485	152.06	.07995	1.3254

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8172	37.455	4.9934	.92091	1.3066	45.580	3.9126
SDev	.0040	.025	.0059	.00260	.0030	.052	.0018
%RSD	.22053	.06623	.11879	.28226	.22688	.11358	.04708
#1	1.8200	37.472	4.9976	.91907	1.3087	45.617	3.9139
#2	1.8143	37.437	4.9892	.92275	1.3045	45.544	3.9113

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45040	3.2317	6.3837	2.4037	1.6113	1.4369	3.7324
SDev	.00031	.0520	.0017	.0018	.0092	.0026	.0020
%RSD	.06968	1.6093	.02684	.07533	.57253	.18114	.05382
#1	.45062	3.2684	6.3825	2.4050	1.6048	1.4387	3.7338
#2	.45017	3.1949	6.3850	2.4025	1.6179	1.4351	3.7310

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58506	2.1138	1.2639	1.3548	1.7289	1.8613
SDev	.00056	.0002	.0003	.0017	.0105	.0008
%RSD	.09632	.00750	.02608	.12411	.60604	.04149
#1	.58546	2.1137	1.2636	1.3537	1.7363	1.8618
#2	.58466	2.1140	1.2641	1.3560	1.7215	1.8607

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/29/12 12:21:06 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41530	--	--	--	--	--	--
SDev	136.4716	--	--	--	--	--	--
%RSD	.3286057	--	--	--	--	--	--
#1	41434	--	--	--	--	--	--
#2	41627	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-1-d Operator: DCL
Run Time: 03/29/12 12:21:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	247.55	.01341	.12569	2.2466	.01224	.18367	-.00043
SDev	.73	.00426	.00147	.0049	.00005	.00129	.00005
%RSD	.29331	31.753	1.1662	.21904	.39188	.70138	12.734
#1	248.07	.01642	.12673	2.2501	.01228	.18458	-.00039

#2	247.04	.01040	.12465	2.2431	.01221	.18276	-.00046

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1126.3	.21704	.11558	.17224	185.57	.13239	.18639
SDev	1.0	.00012	.00065	.00091	.35	.00050	.00062
%RSD	.08710	.05490	.56006	.52692	.18758	.37883	.33071
#1	1127.0	.21713	.11603	.17288	185.81	.13274	.18683
#2	1125.6	.21696	.11512	.17160	185.32	.13204	.18596

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01231	37.202	11.683	.00264	.23946	28.039	6.6919
SDev	.00212	.047	.017	.00240	.00016	.088	.0124
%RSD	17.227	.12659	.14130	90.919	.06645	.31403	.18600
#1	-.01081	37.236	11.695	.00434	.23934	28.101	6.7007
#2	-.01381	37.169	11.671	.00094	.23957	27.977	6.6831

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00193	2.8489	3.1285	3.3488	.00184	.03372	.18519
SDev	.00000	.1192	.0229	.0120	.00666	.00278	.00106
%RSD	.15607	4.1846	.73192	.35730	362.61	8.2479	.57118
#1	-.00193	2.9332	3.1447	3.3573	.00655	.03569	.18593
#2	-.00193	2.7646	3.1124	3.3403	-.00287	.03175	.18444

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51380	.56869	.16320	.19799	-.00920	-.01386
SDev	.00093	.00057	.00078	.00053	.00404	.00116
%RSD	.18058	.10026	.47969	.26932	43.889	8.3733
#1	.51446	.56909	.16375	.19837	-.00635	-.01304

#2	.51315	.56829	.16264	.19761	-.01206	-.01468

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43524	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1104753	--	--	--	--	--	--
#1	43558	--	--	--	--	--	--
#2	43490	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-1-e du Operator: DCL
Run Time: 03/29/12 12:25:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	258.77	.00544	.13623	2.2963	.01296	.22960	-.00075
SDev	.40	.00045	.00070	.0028	.00002	.00011	.00030
%RSD	.15278	8.2286	.51526	.11991	.13891	.04645	39.826

#1	259.05	.00512	.13673	2.2982	.01297	.22967	-.00054
#2	258.49	.00575	.13574	2.2943	.01295	.22952	-.00097

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1036.1	.23078	.10962	.18357	199.85	.13662	.21065
SDev	1.2	.00021	.00038	.00040	.47	.00026	.00038
%RSD	.11932	.09326	.34610	.21558	.23655	.19292	.17989

#1	1037.0	.23062	.10989	.18385	200.18	.13680	.21038
#2	1035.2	.23093	.10935	.18329	199.51	.13643	.21092

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01485	37.560	11.646	.00128	.24885	28.866	7.8966
SDev	.00249	.050	.018	.00012	.00054	.037	.0092
%RSD	16.767	.13324	.15170	9.0541	.21695	.12888	.11680

#1	-.01308	37.596	11.658	.00136	.24924	28.892	7.9031
#2	-.01661	37.525	11.633	.00119	.24847	28.840	7.8900

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00141	2.9695	3.2360	3.0084	-.00762	.03162	.19251
SDev	.00015	.0173	.0039	.0043	.00284	.00181	.00021
%RSD	10.355	.58194	.12024	.14329	37.297	5.7164	.10817

#1	-.00130	2.9817	3.2387	3.0114	-.00561	.03290	.19266
#2	-.00151	2.9572	3.2332	3.0053	-.00963	.03035	.19237

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54593	.61361	.18547	.22324	-.01314	-.01570

SDev	.00058	.00030	.00056	.00029	.00081	.00333
%RSD	.10586	.04899	.30087	.12964	6.1283	21.222

#1	.54634	.61382	.18508	.22303	-.01257	-.01334
#2	.54552	.61340	.18586	.22344	-.01371	-.01805

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44034	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.0851094	--	--	--	--	--	--

#1	44007	--	--	--	--	--	--
#2	44060	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-1-f ms Operator: DCL
Run Time: 03/29/12 12:28:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	315.77	.24825	.93093	3.1710	.40441	.71869	.38593

SDev	.95	.00003	.00156	.0098	.00117	.00162	.00124
%RSD	.29938	.01255	.16712	.30765	.28988	.22572	.32072
#1	316.44	.24828	.92983	3.1779	.40524	.71983	.38681
#2	315.10	.24823	.93203	3.1641	.40358	.71754	.38506
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1089.4	1.0236	.86452	1.0170	219.07	.65239	.96909
SDev	2.1	.0025	.00305	.0033	.64	.00231	.00154
%RSD	.18902	.24216	.35327	.32323	.29356	.35333	.15923
#1	1090.8	1.0253	.86668	1.0193	219.52	.65402	.97018
#2	1087.9	1.0218	.86236	1.0147	218.61	.65076	.96800
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75300	49.843	11.065	.66467	1.0131	43.357	8.9622
SDev	.00494	.149	.031	.00074	.0034	.112	.0251
%RSD	.65554	.29870	.27858	.11118	.34058	.25776	.27978
#1	.74951	49.948	11.087	.66519	1.0155	43.436	8.9799
#2	.75649	49.737	11.044	.66415	1.0107	43.278	8.9445
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44276	13.517	14.938	3.8933	.83892	.78256	.38128
SDev	.00066	.113	.061	.0111	.00300	.00400	.00067
%RSD	.14905	.83234	.40984	.28578	.35749	.51142	.17671
#1	.44323	13.597	14.981	3.9012	.84104	.78539	.38176
#2	.44229	13.438	14.895	3.8855	.83680	.77974	.38081

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3099	1.4840	.90476	1.0013	.71608	.77146
SDev	.0042	.0037	.00051	.0021	.00249	.00865
%RSD	.31769	.24662	.05631	.20573	.34826	1.1214
#1	1.3128	1.4866	.90512	1.0027	.71784	.76534
#2	1.3069	1.4814	.90440	.99980	.71431	.77758
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44064	--	--	--	--	--	--
SDev	1.414214	--	--	--	--	--	--
%RSD	.0032094	--	--	--	--	--	--
#1	44065	--	--	--	--	--	--
#2	44063	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-1-g msd Operator: DCL
Run Time: 03/29/12 12:32:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	321.77	.26042	.95914	3.9987	.40318	.75273	.38427
SDev	2.23	.00259	.00586	.0273	.00257	.00466	.00191
%RSD	.69314	.99263	.61051	.68238	.63751	.61968	.49818
#1	320.19	.25860	.95500	3.9794	.40137	.74943	.38291
#2	323.35	.26225	.96328	4.0180	.40500	.75603	.38562

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1087.7	1.0264	.94290	1.0477	234.15	.65475	1.0035
SDev	5.3	.0068	.00499	.0072	1.54	.00472	.0049
%RSD	.48779	.66213	.52925	.68992	.65861	.72092	.49301
#1	1084.0	1.0216	.93937	1.0425	233.06	.65141	1.0000
#2	1091.5	1.0312	.94643	1.0528	235.24	.65808	1.0070

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75107	51.234	17.715	.67766	1.0576	44.325	5.9529
SDev	.00426	.339	.127	.00398	.0045	.320	.0393
%RSD	.56653	.66238	.71961	.58790	.42436	.72249	.66078
#1	.74806	50.994	17.625	.67484	1.0544	44.099	5.9251
#2	.75407	51.474	17.806	.68048	1.0608	44.552	5.9807

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44184	13.462	14.845	4.0582	.83971	.77686	.39964
SDev	.00146	.055	.112	.0289	.00058	.00489	.00317

%RSD	.33084	.40637	.75241	.71201	.06884	.62972	.79365
#1	.44081	13.501	14.766	4.0378	.83930	.77340	.39739
#2	.44288	13.424	14.924	4.0786	.84012	.78031	.40188

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4189	1.5024	.93559	1.0375	.70891	.77215
SDev	.0094	.0102	.00521	.0048	.00847	.00215
%RSD	.65919	.67787	.55674	.46427	1.1952	.27791
#1	1.4123	1.4952	.93191	1.0341	.70291	.77063
#2	1.4255	1.5096	.93927	1.0409	.71490	.77366

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44206	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.1935460	--	--	--	--	--	--
#1	44267	--	--	--	--	--	--
#2	44146	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-2-b Operator: DCL
Run Time: 03/29/12 12:36:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	263.33	.00794	.10073	2.3031	.01309	.22089	-.00046
SDev	.11	.00233	.00176	.0015	.00002	.00085	.00004
%RSD	.04095	29.361	1.7477	.06528	.15858	.38570	8.6045
#1	263.26	.00959	.10197	2.3020	.01310	.22149	-.00043
#2	263.41	.00629	.09948	2.3042	.01307	.22029	-.00049

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1064.6	.22119	.09233	.18469	195.01	.13589	.16672
SDev	.8	.00018	.00003	.00016	.16	.00001	.00035
%RSD	.07854	.08079	.03772	.08621	.08400	.00715	.21019
#1	1065.2	.22132	.09231	.18458	194.89	.13588	.16648
#2	1064.0	.22107	.09236	.18480	195.12	.13589	.16697

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01181	32.418	9.2507	.00109	.22726	26.556	5.8464
SDev	.00077	.018	.0062	.00068	.00071	.030	.0070
%RSD	6.4857	.05626	.06658	62.116	.31296	.11411	.12034
#1	-.01126	32.405	9.2463	.00157	.22776	26.577	5.8414
#2	-.01235	32.431	9.2550	.00061	.22676	26.534	5.8514

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00185	2.3817	2.6283	2.8076	.00169	.03150	.17205
SDev	.00066	.0173	.0002	.0042	.00311	.00057	.00005
%RSD	35.548	.72467	.00696	.14846	183.64	1.8223	.02998
#1	-.00138	2.3939	2.6284	2.8047	.00389	.03110	.17201
#2	-.00231	2.3695	2.6281	2.8106	-.00050	.03191	.17209

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53127	.56785	.14053	.17982	-.01205	-.01168
SDev	.00007	.00089	.00151	.00023	.00394	.00082
%RSD	.01297	.15665	1.0748	.12765	32.700	7.0399
#1	.53122	.56722	.13946	.17998	-.00927	-.01226
#2	.53132	.56848	.14160	.17966	-.01484	-.01110

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44812	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.2445835	--	--	--	--	--	--
#1	44734	--	--	--	--	--	--
#2	44889	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-3-b Operator: DCL
Run Time: 03/29/12 12:40:25

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	262.17	.00788	.13595	2.5820	.01343	.45348	-.00072
SDev	.36	.00055	.00140	.0039	.00001	.00068	.00000
%RSD	.13644	6.9331	1.0324	.15099	.09593	.15093	.49653
#1	262.42	.00749	.13495	2.5848	.01344	.45396	-.00072
#2	261.91	.00826	.13694	2.5792	.01342	.45299	-.00072

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1002.4	.23378	.12622	.24338	200.44	.14100	.20514
SDev	.1	.00006	.00037	.00016	.12	.00017	.00044
%RSD	.01305	.02775	.29515	.06582	.06017	.11743	.21683
#1	1002.5	.23373	.12648	.24349	200.53	.14112	.20482
#2	1002.4	.23382	.12595	.24326	200.36	.14088	.20545

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01561	38.193	13.448	.00188	.26562	27.958	6.9572
SDev	.00235	.020	.011	.00017	.00077	.022	.0037
%RSD	15.025	.05264	.08076	9.0093	.28923	.08000	.05336

#1	-.01727	38.208	13.456	.00200	.26508	27.974	6.9598
#2	-.01395	38.179	13.440	.00176	.26616	27.942	6.9546

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00154	2.3506	2.5447	2.7438	-.00382	.03212	.18452
SDev	.00029	.0599	.0044	.0047	.00236	.00167	.00013
%RSD	18.886	2.5477	.17297	.17234	61.764	5.1879	.07260
#1	-.00134	2.3929	2.5478	2.7471	-.00215	.03094	.18461
#2	-.00175	2.3082	2.5415	2.7404	-.00548	.03330	.18442

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55738	.64383	.17856	.21842	-.01557	-.01563
SDev	.00014	.00012	.00062	.00098	.00081	.00311
%RSD	.02453	.01906	.34675	.44720	5.2156	19.909
#1	.55747	.64374	.17900	.21773	-.01614	-.01783
#2	.55728	.64391	.17812	.21911	-.01499	-.01343

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44528	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0142922	--	--	--	--	--	--
#1	44523	--	--	--	--	--	--
#2	44532	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-4-b Operator: DCL
Run Time: 03/29/12 12:44:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	196.57	.00373	.10560	1.7900	.00981	.22318	.00122
SDev	.18	.00225	.00032	.0007	.00000	.00010	.00008
%RSD	.08970	60.428	.30018	.03949	.01255	.04517	6.2933
#1	196.70	.00532	.10537	1.7905	.00981	.22325	.00128
#2	196.45	.00213	.10582	1.7895	.00981	.22311	.00117

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1382.8	.18306	.09612	.14569	150.18	.11144	.15148
SDev	1.2	.00015	.00015	.00006	.11	.00008	.00011
%RSD	.08338	.08018	.15491	.04291	.07333	.07087	.06959
#1	1383.6	.18295	.09623	.14574	150.26	.11150	.15155
#2	1382.0	.18316	.09601	.14565	150.11	.11138	.15140

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01535	28.303	9.2775	.00178	.19067	22.424	6.9452
SDev	.00259	.023	.0047	.00056	.00008	.019	.0021
%RSD	16.898	.08279	.05052	31.210	.03992	.08569	.02996
#1	-.01352	28.320	9.2808	.00217	.19072	22.438	6.9466
#2	-.01719	28.287	9.2742	.00139	.19061	22.411	6.9437

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00132	2.4484	2.6836	4.5700	.00056	.02840	.16525
SDev	.00009	.1003	.0143	.0018	.00066	.00259	.00135
%RSD	6.5725	4.0956	.53329	.03870	119.00	9.1219	.81610
#1	-.00138	2.5193	2.6937	4.5712	.00103	.03023	.16621
#2	-.00126	2.3775	2.6735	4.5687	.00009	.02657	.16430

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45144	.47596	.13032	.16206	-.00397	-.02105
SDev	.00004	.00036	.00067	.00018	.00481	.00149
%RSD	.00802	.07501	.51222	.10837	121.13	7.0649
#1	.45146	.47621	.13079	.16193	-.00057	-.02000
#2	.45141	.47571	.12985	.16218	-.00737	-.02210

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43975	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1061263	--	--	--	--	--	--

#1	43942	--	--	--	--	--	--
#2	44008	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-5-b Operator: DCL
Run Time: 03/29/12 12:48:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	224.81	.00614	.14494	2.4235	.01182	.14792	.00067
SDev	.33	.00112	.00121	.0023	.00002	.00054	.00026
%RSD	.14580	18.166	.83533	.09557	.13659	.36744	38.602
#1	225.04	.00535	.14580	2.4252	.01183	.14754	.00085
#2	224.57	.00693	.14409	2.4219	.01181	.14831	.00049

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1462.6	.19487	.13573	.23834	193.71	.12935	.20274
SDev	2.7	.00021	.00051	.00006	.19	.00021	.00079
%RSD	.18226	.10568	.37198	.02646	.09817	.16632	.38814

#1	1464.4	.19502	.13609	.23838	193.85	.12950	.20219
#2	1460.7	.19473	.13537	.23830	193.58	.12920	.20330

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02023	34.658	11.938	.00668	.24745	27.914	8.9853
SDev	.00085	.037	.013	.00054	.00032	.057	.0073
%RSD	4.1990	.10583	.11167	8.1204	.12770	.20570	.08074
#1	-.02083	34.684	11.947	.00629	.24767	27.955	8.9905
#2	-.01963	34.632	11.928	.00706	.24722	27.873	8.9802

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00230	4.0557	4.4683	7.0142	-.00125	.02856	.18485
SDev	.00033	.0950	.0095	.0075	.00086	.00209	.00102
%RSD	14.546	2.3415	.21326	.10668	68.599	7.3121	.55211
#1	-.00206	4.1229	4.4750	7.0195	-.00064	.03004	.18413
#2	-.00253	3.9886	4.4615	7.0089	-.00185	.02708	.18557

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55847	.64633	.17440	.21691	-.01553	-.02258
SDev	.00123	.00035	.00024	.00130	.00080	.00167
%RSD	.21989	.05365	.13737	.59940	5.1600	7.4186
#1	.55934	.64657	.17457	.21599	-.01497	-.02376
#2	.55760	.64608	.17423	.21783	-.01610	-.02139

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43489	--	--	--	--	--	--

SDev	100.4092	--	--	--	--	--	--
%RSD	.2308841	--	--	--	--	--	--
#1	43418	--	--	--	--	--	--
#2	43560	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 12:51:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4211	.50408	.50605	.50199	.47844	.50160	.51702
SDev	.0260	.00139	.00017	.00297	.00273	.00097	.00288
%RSD	1.0730	.27661	.03451	.59231	.57083	.19272	.55721
#1	2.4394	.50506	.50593	.50410	.48037	.50228	.51906
#2	2.4027	.50309	.50617	.49989	.47651	.50092	.51498

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.538	.47775	.47788	.47270	2.5700	.46577	.49324
SDev	.249	.00177	.00303	.00213	.0131	.00282	.00011
%RSD	1.9890	.37097	.63480	.45116	.50962	.60616	.02198
#1	12.714	.47900	.48002	.47420	2.5793	.46777	.49317
#2	12.361	.47649	.47573	.47119	2.5608	.46377	.49332

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49397	4.8220	.47853	.50365	.49618	12.232	.93623
SDev	.00117	.0225	.00348	.00100	.00248	.067	.00526
%RSD	.23719	.46605	.72700	.19759	.49908	.54766	.56136
#1	.49480	4.8379	.48099	.50436	.49793	12.280	.93994
#2	.49314	4.8062	.47607	.50295	.49443	12.185	.93251

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24411	12.294	11.841	.25154	.53107	.49439	.49826
SDev	.00078	.048	.064	.00161	.00110	.00300	.00296
%RSD	.31781	.39098	.53755	.63872	.20795	.60593	.59443
#1	.24466	12.260	11.886	.25268	.53029	.49651	.50035
#2	.24356	12.328	11.796	.25040	.53185	.49228	.49616

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48626	.51309	.46730	.50621	.46982	.50610
SDev	.00245	.00256	.00008	.00020	.00529	.00089
%RSD	.50436	.49872	.01803	.04046	1.1251	.17492
#1	.48800	.51489	.46736	.50607	.47355	.50548
#2	.48453	.51128	.46724	.50636	.46608	.50673

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39809	--	--	--	--	--	--
SDev	2.828427	--	--	--	--	--	--
%RSD	.0071050	--	--	--	--	--	--
#1	39811	--	--	--	--	--	--
#2	39807	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 12:55:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06106	.00242	.00134	.00005	-.00064	.00132	.00002
SDev	.00856	.00100	.00027	.00002	.00007	.00015	.00001

%RSD	14.011	41.440	20.106	50.139	11.592	11.324	32.500
#1	.06711	.00171	.00115	.00006	-.00069	.00143	.00002
#2	.05501	.00313	.00153	.00003	-.00058	.00122	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00548	.00008	-.00033	-.00214	-.00970	.00007	.00054
SDev	.00362	.00026	.00005	.00018	.01288	.00051	.00060
%RSD	66.055	327.03	14.414	8.2604	132.81	700.21	111.18
#1	-.00805	.00026	-.00037	-.00201	-.00059	.00043	.00096
#2	-.00292	-.00010	-.00030	-.00226	-.01880	-.00028	.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00398	.00380	.00010	.00097	-.00114	-.01172	-.00241
SDev	.00317	.04065	.00001	.00121	.00001	.27403	.00377
%RSD	79.498	1070.6	11.519	125.00	.56035	2337.5	156.38
#1	-.00174	.03254	.00009	.00183	-.00114	.18205	.00025
#2	-.00622	-.02494	.00010	.00011	-.00115	-.20549	-.00507

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.15061	-.00703	.00000	.00153	.00091	-.00002
SDev	.00022	.18414	.01931	.00001	.00064	.00040	.00001
%RSD	89.704	122.26	274.65	682.78	41.905	44.035	84.605
#1	-.00009	-.02040	.00662	-.00000	.00199	.00063	-.00002
#2	-.00039	-.28082	-.02068	.00001	.00108	.00120	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00144	.00097	.00032	.00137	-.00666
SDev	.00003	.00020	.00186	.00003	.00420	.00685
%RSD	32.276	14.036	191.75	10.079	305.97	102.84
#1	.00013	-.00158	.00229	.00030	-.00160	-.00182
#2	.00008	-.00130	-.00035	.00035	.00434	-.01151

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38512	--	--	--	--	--	--
SDev	2310.118	--	--	--	--	--	--
%RSD	5.998514	--	--	--	--	--	--
#1	36878	--	--	--	--	--	--
#2	40145	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-6-b Operator: DCL
Run Time: 03/29/12 12:59:41
Comment: TRACE 61E

Analysis Report 03/29/12 01:03:29 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	214.63	.00334	.08803	1.9716	.01073	.07174	.00048
SDev	.52	.00419	.00002	.0046	.00002	.00051	.00015
%RSD	.24031	125.53	.02655	.23209	.15011	.71113	31.026
#1	214.99	.00631	.08805	1.9748	.01074	.07210	.00059
#2	214.26	.00038	.08802	1.9684	.01072	.07138	.00038

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1233.0	.18375	.09004	.15583	158.01	.12191	.14910
SDev	.6	.00000	.00049	.00061	.24	.00042	.00115
%RSD	.04534	.00156	.54811	.39001	.15482	.34469	.77176
#1	1232.6	.18374	.09039	.15626	158.19	.12221	.14829
#2	1233.4	.18375	.08969	.15540	157.84	.12162	.14991

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01397	30.574	8.2861	.00042	.20680	24.445	4.9734
SDev	.00082	.023	.0115	.00084	.00111	.052	.0082
%RSD	5.8516	.07617	.13879	200.03	.53765	.21445	.16399
#1	-.01340	30.590	8.2943	.00102	.20759	24.482	4.9791
#2	-.01455	30.557	8.2780	-.00017	.20602	24.408	4.9676

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	3.1856	3.3686	4.6137	.00085	.02638	.13618
SDev	.00043	.0671	.0131	.0104	.00078	.00184	.00039
%RSD	27.116	2.1073	.38916	.22576	91.955	6.9743	.28357
#1	-.00127	3.2331	3.3779	4.6210	.00030	.02768	.13646
#2	-.00187	3.1381	3.3593	4.6063	.00140	.02508	.13591

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41735	.54274	.12519	.16105	-.00642	-.01775
SDev	.00102	.00198	.00106	.00119	.00339	.00292
%RSD	.24513	.36451	.85048	.74117	52.900	16.468

#1	.41807	.54414	.12444	.16021	-.00882	-.01569
#2	.41662	.54134	.12594	.16190	-.00402	-.01982

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43736	--	--	--	--	--	--
SDev	17.67767	--	--	--	--	--	--
%RSD	.0404195	--	--	--	--	--	--
#1	43748	--	--	--	--	--	--
#2	43723	--	--	--	--	--	--

Analysis Report 03/29/12 01:03:29 PM page 15

Method: 20076010 Sample Name: 600-52672-c-7-b Operator: DCL
Run Time: 03/29/12 13:03:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	254.01	.00245	.08914	2.0889	.01253	.14304	-.00042
SDev	.23	.00000	.00180	.0017	.00003	.00039	.00016
%RSD	.09144	.12021	2.0154	.08315	.22534	.27037	37.379
#1	254.18	.00245	.09041	2.0902	.01255	.14332	-.00031
#2	253.85	.00245	.08787	2.0877	.01251	.14277	-.00054

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1072.4	.21521	.08207	.17820	185.31	.13948	.16435
SDev	1.1	.00033	.00012	.00007	.17	.00002	.00153
%RSD	.10118	.15240	.15023	.04211	.09072	.01559	.92990
#1	1073.2	.21498	.08216	.17825	185.43	.13949	.16327
#2	1071.6	.21545	.08198	.17815	185.19	.13946	.16543

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01648	34.539	7.6531	.00053	.21457	26.527	6.6374
SDev	.00051	.015	.0048	.00026	.00051	.013	.0020
%RSD	3.0908	.04420	.06306	49.648	.23961	.04718	.03023
#1	-.01684	34.550	7.6565	.00072	.21494	26.536	6.6388
#2	-.01612	34.529	7.6497	.00034	.21421	26.519	6.6360

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00151	3.8408	4.0834	3.8521	.00216	.03204	.15751
SDev	.00024	.0634	.0086	.0017	.00186	.00015	.00005
%RSD	16.015	1.6503	.20940	.04439	86.300	.46716	.03333
#1	-.00134	3.8856	4.0894	3.8534	.00348	.03193	.15747
#2	-.00168	3.7960	4.0773	3.8509	.00084	.03214	.15754

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46315	.75959	.14082	.17611	-.01497	-.01723

SDev	.00002	.00028	.00085	.00271	.00137	.00145
%RSD	.00425	.03703	.60061	1.5418	9.1712	8.4173
#1	.46314	.75979	.14142	.17419	-.01400	-.01826
#2	.46317	.75939	.14022	.17803	-.01594	-.01621

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44965	--	--	--	--	--	--

SDev	120.2082	--	--	--	--	--	--
%RSD	.2673371	--	--	--	--	--	--
#1	44880	--	--	--	--	--	--
#2	45050	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-8-b Operator: DCL
Run Time: 03/29/12 13:07:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	264.70	.00574	.09671	2.3895	.01313	.05659	-.00073
SDev	.22	.00310	.00177	.0014	.00002	.00042	.00019
%RSD	.08456	54.022	1.8246	.05914	.15205	.74201	25.520
#1	264.54	.00793	.09547	2.3886	.01314	.05689	-.00060
#2	264.86	.00355	.09796	2.3905	.01311	.05630	-.00087

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1038.5	.22585	.07609	.17291	194.03	.14776	.17738
SDev	1.7	.00002	.00018	.00027	.02	.00020	.00082
%RSD	.16328	.00746	.23697	.15427	.00898	.13652	.46469
#1	1039.7	.22584	.07596	.17272	194.04	.14762	.17797
#2	1037.3	.22586	.07622	.17310	194.01	.14790	.17680

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01582	35.443	8.2162	-.00051	.22113	27.791	7.8059
SDev	.00168	.005	.0004	.00042	.00073	.035	.0066
%RSD	10.637	.01349	.00515	83.452	.33104	.12471	.08519
#1	-.01701	35.447	8.2159	-.00021	.22164	27.766	7.8012
#2	-.01463	35.440	8.2165	-.00081	.22061	27.815	7.8106

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00186	4.1375	4.5690	3.8022	.00596	.03069	.15919
SDev	.00050	.0230	.0046	.0023	.00019	.00314	.00111
%RSD	27.181	.55507	.10097	.05993	3.2159	10.226	.69910
#1	-.00150	4.1537	4.5658	3.8006	.00609	.03291	.15998
#2	-.00221	4.1213	4.5723	3.8038	.00582	.02847	.15840

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50361	.61662	.15049	.19083	-.01404	-.01670
SDev	.00024	.00395	.00042	.00103	.00804	.00150
%RSD	.04840	.64083	.27765	.53844	57.232	8.9508
#1	.50344	.61383	.15079	.19156	-.01973	-.01565
#2	.50379	.61942	.15020	.19010	-.00836	-.01776

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45304	--	--	--	--	--	--
SDev	129.4005	--	--	--	--	--	--
%RSD	.2856240	--	--	--	--	--	--
#1	45213	--	--	--	--	--	--
#2	45396	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-9-b Operator: DCL
Run Time: 03/29/12 13:11:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	272.38	.00172	.09328	2.4657	.01319	.11449	-.00051
SDev	.29	.00105	.00031	.0023	.00007	.00090	.00015
%RSD	.10581	60.972	.32950	.09199	.50393	.78818	28.969
#1	272.58	.00246	.09306	2.4673	.01324	.11385	-.00041
#2	272.18	.00098	.09350	2.4641	.01315	.11512	-.00062

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1148.5	.22969	.09349	.16598	195.63	.14816	.16736
SDev	1.4	.00013	.00013	.00024	.09	.00007	.00020
%RSD	.12486	.05442	.13743	.14289	.04847	.04535	.11898
#1	1149.5	.22977	.09340	.16581	195.70	.14820	.16722
#2	1147.5	.22960	.09358	.16614	195.56	.14811	.16750

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01645	36.511	9.6908	.00005	.22505	29.365	8.9610
SDev	.00446	.013	.0071	.00028	.00072	.047	.0137
%RSD	27.143	.03464	.07333	581.72	.31808	.16095	.15278
#1	-.01960	36.520	9.6958	.00025	.22455	29.398	8.9707
#2	-.01329	36.502	9.6857	-.00015	.22556	29.332	8.9514

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00184	3.6963	4.0931	4.2509	.00073	.03073	.16273
SDev	.00016	.0895	.0051	.0031	.00284	.00030	.00069
%RSD	8.7718	2.4211	.12417	.07347	390.05	.99200	.42681

#1	-.00173	3.7595	4.0967	4.2531	.00273	.03094	.16322
#2	-.00195	3.6330	4.0895	4.2487	-.00128	.03051	.16224

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49896	.60678	.14065	.18072	-.01691	-.01622
SDev	.00001	.00120	.00169	.00114	.00242	.00549
%RSD	.00213	.19721	1.2011	.63265	14.289	33.843

#1	.49895	.60763	.14184	.17991	-.01861	-.02010
#2	.49897	.60594	.13945	.18153	-.01520	-.01234

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44404	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.2197566	--	--	--	--	--	--
#1	44335	--	--	--	--	--	--
#2	44473	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52672-c-10-b Operator: DCL
Run Time: 03/29/12 13:15:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	226.97	.00157	.12471	3.2137	.01141	.05811	.00023
SDev	1.14	.00619	.00357	.0149	.00005	.00005	.00025
%RSD	.50383	394.16	2.8590	.46428	.40817	.09303	106.94
#1	226.16	-.00281	.12219	3.2032	.01138	.05815	.00041
#2	227.78	.00594	.12723	3.2243	.01145	.05807	.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1325.0	.19356	.17047	.14715	181.91	.12166	.18163
SDev	1.7	.00092	.00010	.00082	.71	.00068	.00146
%RSD	.12987	.47434	.06088	.55607	.39065	.56154	.80148
#1	1323.8	.19291	.17040	.14657	181.41	.12118	.18060
#2	1326.3	.19420	.17055	.14773	182.41	.12214	.18266

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02053	31.079	17.444	.00118	.26207	24.815	7.9520
SDev	.00251	.118	.065	.00078	.00055	.089	.0366
%RSD	12.205	.37811	.37412	65.960	.21149	.35885	.46021
#1	-.02230	30.996	17.398	.00173	.26168	24.752	7.9261
#2	-.01876	31.162	17.490	.00063	.26247	24.878	7.9779

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00193	2.7049	3.0212	4.2150	.00278	.03132	.18882
SDev	.00034	.0225	.0185	.0228	.00358	.00114	.00153

%RSD	17.493	.83144	.61314	.54023	128.99	3.6408	.80879
#1	-.00169	2.7208	3.0081	4.1989	.00531	.03212	.18774
#2	-.00217	2.6890	3.0343	4.2311	.00024	.03051	.18990

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 03/29/12 01:18:52 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57685	.52263	.15688	.19401	-.01862	-.02149
SDev	.00299	.00182	.00228	.00332	.00150	.00451
%RSD	.51793	.34900	1.4506	1.7120	8.0719	20.988
#1	.57474	.52134	.15849	.19166	-.01755	-.02468
#2	.57896	.52392	.15527	.19636	-.01968	-.01830

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44034	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0048175	--	--	--	--	--	--
#1	44035	--	--	--	--	--	--
#2	44032	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52672-c-1-d Operator: DCL
Run Time: 03/29/12 13:18:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	254.59	.85215	.96053	3.1083	.38236	1.0325	.38074
SDev	.75	.00009	.00058	.0081	.00036	.0014	.00015
%RSD	.29594	.00995	.06021	.25943	.09427	.13374	.03830
#1	255.12	.85209	.96012	3.1140	.38262	1.0335	.38064
#2	254.05	.85221	.96094	3.1026	.38211	1.0315	.38084

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1124.6	.95423	.83807	.97798	193.71	1.1151	.94757
SDev	1.0	.00147	.00184	.00409	.28	.0046	.00287
%RSD	.09237	.15442	.21994	.41861	.14446	.41085	.30336
#1	1123.9	.95527	.83937	.98087	193.91	1.1184	.94553
#2	1125.3	.95319	.83676	.97508	193.51	1.1119	.94960

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77074	44.232	12.256	.81105	.95556	39.463	7.6721
SDev	.00147	.073	.015	.00007	.00367	.099	.0220
%RSD	.19037	.16515	.12346	.00871	.38461	.25096	.28643
#1	.77178	44.284	12.267	.81110	.95816	39.533	7.6877
#2	.76971	44.180	12.246	.81100	.95296	39.393	7.6566

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.42902	11.892	14.083	3.8563	.83194	.80314	.98391
SDev	.00115	.028	.066	.0113	.00019	.00261	.00208
%RSD	.26786	.23814	.46766	.29249	.02255	.32510	.21145

Analysis Report 03/29/12 01:22:43 PM page 20

#1	.42983	11.872	14.129	3.8643	.83207	.80498	.98538
#2	.42821	11.912	14.036	3.8483	.83181	.80129	.98244

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2756	1.4071	.87620	.98325	.73172	.79026
SDev	.0022	.0019	.00019	.00441	.00570	.00065
%RSD	.17133	.13793	.02207	.44835	.77853	.08193
#1	1.2771	1.4085	.87634	.98013	.73575	.78980
#2	1.2740	1.4057	.87607	.98636	.72769	.79071

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43277	--	--	--	--	--	--
SDev	115.9655	--	--	--	--	--	--
%RSD	.2679611	--	--	--	--	--	--
#1	43359	--	--	--	--	--	--
#2	43195	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52672-c-1-d@5 Operator: DCL
Run Time: 03/29/12 13:22:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	59.660	.00055	.03126	.55766	.00243	.04732	-.00037
SDev	.004	.00107	.00002	.00070	.00002	.00116	.00001
%RSD	.00600	196.85	.05013	.12507	.81658	2.4473	1.5055
#1	59.663	.00130	.03125	.55815	.00244	.04814	-.00038
#2	59.658	-.00021	.03127	.55717	.00241	.04650	-.00037

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	366.11	.05421	.02849	.03833	46.477	.02953	.04755
SDev	.75	.00023	.00043	.00019	.052	.00006	.00099
%RSD	.20479	.41841	1.5105	.48507	.11105	.18740	2.0903
#1	366.64	.05437	.02879	.03819	46.513	.02957	.04685
#2	365.58	.05405	.02818	.03846	46.440	.02949	.04825

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00523	9.3098	3.0040	.00206	.05959	5.5628	1.6572
SDev	.00013	.0174	.0035	.00097	.00069	.0219	.0004
%RSD	2.5208	.18721	.11545	47.418	1.1522	.39372	.02338
#1	-.00532	9.3221	3.0065	.00274	.06008	5.5783	1.6575
#2	-.00513	9.2975	3.0016	.00137	.05911	5.5473	1.6569

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 03/29/12 01:26:34 PM page 21

Avge	-.00028	.58810	.61289	.78975	.00279	.00832	.04572
SDev	.00004	.05465	.00015	.00058	.00440	.00064	.00002
%RSD	15.200	9.2925	.02400	.07345	157.58	7.6659	.04073
#1	-.00025	.62674	.61300	.79016	.00590	.00787	.04573
#2	-.00031	.54945	.61279	.78934	-.00032	.00877	.04570

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12662	.14534	.04147	.05059	-.00600	-.00484
SDev	.00013	.00016	.00030	.00164	.00177	.00108
%RSD	.10296	.11236	.71261	3.2393	29.436	22.334
#1	.12653	.14523	.04168	.04943	-.00475	-.00560
#2	.12671	.14546	.04126	.05174	-.00725	-.00408

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39051	--	--	--	--	--	--
SDev	151.3209	--	--	--	--	--	--
%RSD	.3874955	--	--	--	--	--	--
#1	38944	--	--	--	--	--	--
#2	39158	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 13:26:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4871	.52260	.52213	.52086	.48874	.51766	.53641
SDev	.0083	.00352	.00125	.00305	.00340	.00199	.00361
%RSD	.33316	.67344	.23903	.58542	.69565	.38467	.67272
#1	2.4929	.52509	.52302	.52302	.49114	.51907	.53897
#2	2.4812	.52011	.52125	.51870	.48633	.51625	.53386

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.776	.49045	.48791	.48437	2.6533	.48095	.50878
SDev	.056	.00361	.00281	.00373	.0225	.00318	.00607
%RSD	.43783	.73645	.57498	.77066	.84844	.66099	1.1926
#1	12.815	.49300	.48989	.48701	2.6692	.48320	.51307
#2	12.736	.48789	.48592	.48173	2.6374	.47870	.50449

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50949	4.9512	.49052	.52022	.50094	12.704	.96216
SDev	.00458	.0447	.00308	.00206	.00349	.121	.00655
%RSD	.89892	.90304	.62875	.39531	.69754	.95020	.68084
#1	.51273	4.9829	.49270	.52167	.50341	12.789	.96679

Analysis Report 03/29/12 01:30:25 PM page 22

#2	.50625	4.9196	.48834	.51876	.49847	12.619	.95752

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25085	12.565	12.207	.26112	.55227	.50932	.51417
SDev	.00179	.134	.077	.00134	.00127	.00178	.00331
%RSD	.71397	1.0675	.62839	.51442	.22998	.34998	.64406
#1	.25211	12.660	12.261	.26207	.55137	.51058	.51652
#2	.24958	12.470	12.152	.26017	.55316	.50806	.51183

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49983	.53216	.47525	.52554	.47928	.52465
SDev	.00324	.00315	.00623	.00599	.00164	.00605
%RSD	.64722	.59165	1.3108	1.1392	.34259	1.1530
#1	.50212	.53439	.47966	.52978	.48044	.52893
#2	.49754	.52993	.47085	.52131	.47812	.52037

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38844	--	--	--	--	--	--
SDev	282.1356	--	--	--	--	--	--
%RSD	.7263206	--	--	--	--	--	--
#1	38645	--	--	--	--	--	--
#2	39044	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 13:30:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06477	.00215	.00040	-.00000	-.00072	.00103	.00011
SDev	.00110	.00016	.00221	.00000	.00000	.00058	.00010
%RSD	1.6901	7.4222	547.23	211.90	.66121	55.985	90.272
#1	.06400	.00204	.00197	-.00000	-.00071	.00144	.00004
#2	.06555	.00227	-.00116	.00000	-.00072	.00062	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	-.00008	.00025	.00430	.01329	-.00025	.00085
SDev	.01256	.00016	.00042	.00276	.00889	.00004	.00047
%RSD	2025.8	192.82	165.28	64.153	66.883	14.598	55.773
#1	-.00826	-.00019	-.00004	.00625	.00701	-.00028	.00051
#2	.00950	.00003	.00055	.00235	.01958	-.00022	.00118

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00340	-.02275	.00011	.00111	.00389	-.20061	-.00530

Analysis Report 03/29/12 01:34:17 PM page 23

SDev	.00233	.00022	.00011	.00102	.00223	.00937	.00002
%RSD	68.455	.98630	106.84	92.314	57.303	4.6724	.40640
#1	-.00176	-.02259	.00003	.00183	.00547	-.20724	-.00528
#2	-.00505	-.02291	.00018	.00038	.00232	-.19398	-.00531

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00759	-.02072	.00003	.00549	.00125	-.00008
SDev	.00032	.04025	.00012	.00003	.00361	.00022	.00004
%RSD	52.370	530.19	.56141	107.96	65.636	17.481	51.326
#1	.00039	-.02087	-.02080	.00001	.00804	.00109	-.00010
#2	.00085	.03605	-.02063	.00005	.00294	.00140	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	-.00086	.00295	-.00020	-.00056	-.00483
SDev	.00001	.00035	.00103	.00123	.00225	.00462
%RSD	2.9266	40.732	34.878	602.53	397.98	95.720
#1	-.00034	-.00111	.00368	-.00107	-.00215	-.00156
#2	-.00035	-.00061	.00223	.00066	.00102	-.00809

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39936	--	--	--	--	--	--
SDev	142.1285	--	--	--	--	--	--
%RSD	.3558861	--	--	--	--	--	--
#1	40037	--	--	--	--	--	--
#2	39836	--	--	--	--	--	--

Analysis Report 03/29/12 01:44:24 PM page 1

Method: 20076010 Sample Name: mb 600-75916/1-a Operator: DCL
Run Time: 03/29/12 13:40:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06906	.00123	.00162	.00023	-.00075	.00023	.00010
SDev	.00003	.00173	.00302	.00007	.00005	.00001	.00007
%RSD	.04174	140.72	185.68	30.363	6.7182	2.0792	73.884
#1	.06904	.00001	-.00051	.00018	-.00079	.00022	.00015
#2	.06908	.00246	.00376	.00028	-.00071	.00023	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47050	.00028	.00019	-.00218	.05283	-.00053	.00091
SDev	.00702	.00020	.00006	.00029	.00996	.00001	.00041
%RSD	1.4909	71.539	30.040	13.196	18.853	1.1046	44.714
#1	.46554	.00014	.00015	-.00238	.05988	-.00052	.00062
#2	.47546	.00042	.00023	-.00198	.04579	-.00053	.00120

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00071	-.03672	.00036	-.00013	-.00014	-.28023	-.00022
SDev	.00191	.00010	.00000	.00025	.00008	.00015	.00050
%RSD	270.02	.26081	.66742	195.67	54.799	.05223	231.06
#1	.00064	-.03679	.00037	-.00030	-.00008	-.28034	.00014
#2	-.00205	-.03665	.00036	.00005	-.00019	-.28013	-.00058

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.26364	.01394	.00026	.00026	.03257	-.00013
SDev	.00009	.08415	.00037	.00002	.00027	.00073	.00002
%RSD	7.7172	31.918	2.6795	6.4641	102.43	2.2579	14.826
#1	.00127	.32314	.01367	.00025	.00007	.03309	-.00011
#2	.00114	.20414	.01420	.00027	.00045	.03205	-.00014

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.03049	.00588	-.00158	-.00056	-.00078
SDev	.00031	.00040	.00026	.00048	.00131	.00220
%RSD	76.975	1.3016	4.3854	30.481	235.84	282.23
#1	-.00062	.03021	.00570	-.00192	.00037	.00078
#2	-.00018	.03078	.00607	-.00124	-.00149	-.00234

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40442	--	--	--	--	--	--
SDev	235.4666	--	--	--	--	--	--
%RSD	.5822399	--	--	--	--	--	--

Analysis Report 03/29/12 01:44:24 PM page 2

#1	40275	--	--	--	--	--	--
#2	40608	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-75916/2-a Operator: DCL
Run Time: 03/29/12 13:44:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.157	.85900	1.3004	2.4700	1.4161	.89126	.73232
SDev	.761	.01507	.0117	.0248	.0174	.00972	.00826
%RSD	.96085	1.7544	.89907	1.0056	1.2259	1.0912	1.1272
#1	78.619	.84834	1.2921	2.4524	1.4038	.88438	.72649
#2	79.695	.86965	1.3087	2.4875	1.4283	.89813	.73816

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.544	.96482	1.3110	1.0674	156.58	.08054	1.3301
SDev	1.017	.01191	.0150	.0094	1.72	.00096	.0119
%RSD	1.1613	1.2342	1.1447	.88393	1.1001	1.1905	.89744

#1	86.826	.95640	1.3004	1.0607	155.36	.07986	1.3216
#2	88.263	.97324	1.3216	1.0741	157.80	.08122	1.3385

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8299	37.457	4.8256	.95834	1.2994	45.958	4.2427
SDev	.0184	.441	.0529	.01251	.0115	.505	.0467
%RSD	1.0049	1.1775	1.0969	1.3058	.88773	1.0980	1.1017
#1	1.8169	37.145	4.7882	.94949	1.2913	45.601	4.2096
#2	1.8430	37.769	4.8630	.96719	1.3076	46.315	4.2757

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46220	3.0387	6.4664	2.4921	1.6806	1.4710	3.8405
SDev	.00443	.0516	.0629	.0261	.0256	.0122	.0438
%RSD	.95748	1.6992	.97273	1.0463	1.5205	.82778	1.1412
#1	.45908	3.0022	6.4220	2.4737	1.6625	1.4624	3.8095
#2	.46533	3.0752	6.5109	2.5106	1.6986	1.4797	3.8715

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58623	2.1518	1.2320	1.3791	1.6931	1.8983
SDev	.00684	.0231	.0078	.0140	.0108	.0222
%RSD	1.1670	1.0726	.63213	1.0159	.63501	1.1699
#1	.58139	2.1355	1.2265	1.3692	1.6855	1.8826
#2	.59106	2.1681	1.2375	1.3891	1.7007	1.9141

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/29/12 01:48:15 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41752	--	--	--	--	--	--
SDev	434.8707	--	--	--	--	--	--
%RSD	1.041544	--	--	--	--	--	--
#1	42060	--	--	--	--	--	--
#2	41445	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-1-d Operator: DCL
Run Time: 03/29/12 13:48:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	159.09	.01270	.17316	1.7290	.00911	.08519	-.00020
SDev	3.83	.00303	.00494	.0423	.00027	.00244	.00012
%RSD	2.4086	23.823	2.8529	2.4464	2.9837	2.8587	61.998
#1	161.79	.01484	.17665	1.7589	.00930	.08691	-.00011
#2	156.38	.01056	.16966	1.6991	.00892	.08347	-.00029

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1428.4	.14377	.12419	.15599	240.98	.09925	.18724
SDev	28.5	.00322	.00290	.00422	5.55	.00251	.00258
%RSD	1.9937	2.2387	2.3327	2.7044	2.3052	2.5289	1.3791
#1	1448.5	.14605	.12624	.15897	244.90	.10103	.18906
#2	1408.3	.14149	.12214	.15301	237.05	.09748	.18541

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01855	29.059	13.331	.00955	.29744	25.300	6.2844
SDev	.00041	.671	.303	.00155	.00602	.634	.1497
%RSD	2.2226	2.3078	2.2754	16.249	2.0222	2.5052	2.3818
#1	-.01884	29.534	13.545	.01065	.30169	25.749	6.3903
#2	-.01826	28.585	13.116	.00845	.29319	24.852	6.1786

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00170	2.8465	3.1797	5.0359	.00485	.02977	.15548
SDev	.00026	.0242	.0846	.1247	.00503	.00279	.00349
%RSD	15.255	.85017	2.6619	2.4763	103.63	9.3786	2.2455
#1	-.00152	2.8636	3.2395	5.1241	.00841	.03174	.15795
#2	-.00188	2.8294	3.1198	4.9477	.00130	.02779	.15301

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47879	.70545	.16107	.20032	-.01686	-.01939
SDev	.01091	.01662	.00336	.00219	.00808	.00342
%RSD	2.2793	2.3553	2.0853	1.0952	47.917	17.642
#1	.48651	.71720	.16344	.20187	-.02257	-.01697

#2	.47107	.69370	.15869	.19877	-.01115	-.02181

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42182	--	--	--	--	--	--
SDev	769.3321	--	--	--	--	--	--
%RSD	1.823840	--	--	--	--	--	--
#1	41638	--	--	--	--	--	--
#2	42726	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-2-b Operator: DCL
Run Time: 03/29/12 13:52:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	219.25	.00549	.12010	2.1115	.01227	.06984	-.00009
SDev	.16	.00074	.00021	.0012	.00000	.00063	.00011
%RSD	.07302	13.502	.17918	.05896	.01827	.90556	113.39
#1	219.37	.00497	.12025	2.1124	.01227	.07029	-.00002
#2	219.14	.00601	.11995	2.1106	.01227	.06939	-.00017

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1080.3	.21238	.12389	.16725	201.78	.13071	.22894
SDev	.6	.00020	.00054	.00052	.14	.00001	.00018
%RSD	.05780	.09290	.43662	.30784	.07029	.00413	.07901
#1	1080.7	.21252	.12427	.16762	201.88	.13072	.22907
#2	1079.8	.21224	.12351	.16689	201.68	.13071	.22881

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01294	34.218	12.774	.00028	.26486	29.399	7.5493
SDev	.00110	.026	.007	.00002	.00018	.020	.0063
%RSD	8.4990	.07535	.05730	6.7701	.06858	.06723	.08346
#1	-.01371	34.236	12.779	.00026	.26473	29.413	7.5537
#2	-.01216	34.200	12.769	.00029	.26499	29.385	7.5448

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00196	2.2084	2.4429	3.4017	.00084	.03276	.17800
SDev	.00042	.0422	.0067	.0012	.00028	.00092	.00214
%RSD	21.664	1.9114	.27328	.03400	33.702	2.8043	1.2003
#1	-.00166	2.2383	2.4476	3.4025	.00104	.03211	.17951
#2	-.00226	2.1786	2.4382	3.4008	.00064	.03341	.17649

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52908	.78749	.19968	.24357	-.00944	-.01469

SDev	.00051	.00032	.00104	.00079	.00088	.00209
%RSD	.09677	.04023	.52010	.32459	9.3778	14.242
#1	.52944	.78772	.19895	.24413	-.00881	-.01616
#2	.52872	.78727	.20042	.24301	-.01006	-.01321

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43548	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.0860593	--	--	--	--	--	--
#1	43521	--	--	--	--	--	--
#2	43574	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-2-c du Operator: DCL
Run Time: 03/29/12 13:56:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	212.27	.00763	.10639	2.0302	.01134	.06398	.00031
SDev	.65	.00119	.00212	.0081	.00004	.00058	.00002
%RSD	.30796	15.592	1.9933	.39949	.37890	.90406	6.3573
#1	211.81	.00679	.10489	2.0244	.01130	.06357	.00030

#2	212.74	.00848	.10789	2.0359	.01137	.06439	.00033

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1224.3	.18963	.10237	.15115	175.44	.12859	.21245
SDev	1.8	.00042	.00053	.00085	.58	.00060	.00064
%RSD	.14805	.22132	.52011	.56270	.33292	.46892	.29927
#1	1223.0	.18934	.10199	.15055	175.03	.12817	.21290
#2	1225.6	.18993	.10274	.15176	175.85	.12902	.21200

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01218	33.146	11.784	-.00078	.23431	29.698	7.4414
SDev	.00375	.074	.030	.00043	.00124	.129	.0228
%RSD	30.767	.22198	.25786	55.562	.52743	.43363	.30667
#1	-.01483	33.094	11.763	-.00109	.23343	29.607	7.4253
#2	-.00953	33.198	11.805	-.00047	.23518	29.789	7.4575

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00198	2.2977	2.6310	3.8802	-.00168	.03143	.17271
SDev	.00042	.0185	.0116	.0159	.00052	.00042	.00011
%RSD	21.026	.80315	.44253	.40896	31.128	1.3445	.06376
#1	-.00169	2.2847	2.6228	3.8690	-.00131	.03173	.17279
#2	-.00227	2.3108	2.6392	3.8915	-.00205	.03113	.17264

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49181	.70412	.18725	.22505	-.00459	-.01597
SDev	.00157	.00241	.00156	.00173	.00543	.00291
%RSD	.31946	.34165	.83364	.77059	118.17	18.195
#1	.49070	.70242	.18615	.22628	-.00843	-.01803
#2	.49292	.70582	.18835	.22382	-.00076	-.01392

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42462	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.0116568	--	--	--	--	--	--
#1	42466	--	--	--	--	--	--
#2	42459	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-2-d ms Operator: DCL
Run Time: 03/29/12 13:59:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	238.88	.31784	.95760	3.3230	.39085	.62553	.39301
SDev	.33	.00180	.00019	.0039	.00053	.00132	.00021
%RSD	.13898	.56664	.01940	.11793	.13668	.21039	.05465

#1	239.11	.31657	.95747	3.3258	.39123	.62460	.39316
#2	238.64	.31912	.95774	3.3202	.39047	.62646	.39285

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1487.4	.95638	.91526	.98069	190.57	.67746	1.0051
SDev	1.1	.00042	.00095	.00077	.11	.00068	.0007
%RSD	.07479	.04438	.10377	.07901	.06001	.09982	.07276

#1	1488.2	.95668	.91593	.98014	190.65	.67793	1.0056
#2	1486.6	.95608	.91459	.98124	190.49	.67698	1.0045

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77901	46.011	21.525	.70981	1.1747	44.920	5.3586
SDev	.00019	.036	.022	.00164	.0007	.055	.0048
%RSD	.02462	.07772	.10109	.23048	.06305	.12325	.09031

#1	.77888	46.036	21.541	.70865	1.1753	44.960	5.3620
#2	.77915	45.986	21.510	.71096	1.1742	44.881	5.3552

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45460	14.089	16.063	6.3657	.87664	.77468	.37506
SDev	.00090	.054	.021	.0070	.00180	.00419	.00035

%RSD	.19753	.38063	.13237	.10975	.20553	.54026	.09430

#1	.45523	14.052	16.078	6.3706	.87537	.77764	.37531
#2	.45396	14.127	16.048	6.3607	.87792	.77172	.37481

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2962	1.5248	.91752	1.0488	.72028	.80838
SDev	.0025	.0027	.00111	.0017	.00663	.00302
%RSD	.19646	.17887	.12139	.15767	.91995	.37426

#1	1.2980	1.5268	.91673	1.0500	.71560	.81052
#2	1.2944	1.5229	.91831	1.0477	.72497	.80624

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41890	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.0708964	--	--	--	--	--	--

#1	41869	--	--	--	--	--	--
#2	41911	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-2-e msd Operator: DCL
Run Time: 03/29/12 14:03:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	260.88	.31815	1.0386	2.7819	.40818	.61079	.40720

SDev	.27	.00220	.0025	.0024	.00034	.00031	.00015
%RSD	.10273	.69218	.24525	.08738	.08442	.05007	.03625
#1	261.07	.31659	1.0404	2.7836	.40842	.61058	.40710
#2	260.69	.31971	1.0368	2.7802	.40793	.61101	.40731
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1387.1	.99787	.89181	1.0194	240.48	.67550	1.0047
SDev	.2	.00118	.00129	.0010	.05	.00053	.0016
%RSD	.01614	.11820	.14424	.09801	.02244	.07885	.16253
#1	1387.3	.99870	.89272	1.0201	240.52	.67587	1.0035
#2	1387.0	.99703	.89090	1.0186	240.44	.67512	1.0058
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79976	45.598	13.775	.74156	1.0800	46.654	6.0536
SDev	.00095	.014	.008	.00003	.0014	.046	.0021
%RSD	.11834	.02971	.05711	.00412	.12928	.09858	.03465
#1	.79909	45.607	13.781	.74154	1.0790	46.686	6.0550
#2	.80043	45.588	13.770	.74159	1.0810	46.621	6.0521

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46897	13.393	15.165	5.3239	.90556	.80288	.38352
SDev	.00042	.005	.018	.0036	.00040	.00055	.00002
%RSD	.08917	.03969	.11647	.06809	.04362	.06857	.00426
#1	.46926	13.390	15.178	5.3265	.90528	.80249	.38353
#2	.46867	13.397	15.153	5.3214	.90584	.80326	.38351
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.4057	1.7010	.91344	1.0503	.74545	.82691	
SDev	.0007	.0013	.00196	.0015	.00690	.00487	
%RSD	.04716	.07846	.21459	.13988	.92516	.58870	
#1	1.4062	1.7020	.91206	1.0493	.75033	.82347	
#2	1.4052	1.7001	.91483	1.0514	.74058	.83036	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41589	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0204027	--	--	--	--	--	--
#1	41595	--	--	--	--	--	--
#2	41583	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-3-b Operator: DCL
Run Time: 03/29/12 14:07:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	184.24	.00796	.09685	1.7430	.00985	.08153	.00121
SDev	.14	.00640	.00099	.0009	.00001	.00009	.00006
%RSD	.07711	80.421	1.0251	.04927	.07741	.11499	5.0164
#1	184.14	.01248	.09755	1.7424	.00984	.08160	.00125
#2	184.34	.00343	.09615	1.7436	.00985	.08147	.00116

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1366.9	.16341	.09728	.14175	150.70	.11689	.18409
SDev	.1	.00046	.00014	.00022	.12	.00003	.00027
%RSD	.00433	.28167	.14005	.15615	.07760	.02776	.14632
#1	1366.9	.16308	.09718	.14190	150.61	.11687	.18428
#2	1366.8	.16374	.09737	.14159	150.78	.11692	.18390

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01314	34.215	12.159	.00208	.21717	30.427	6.1438
SDev	.00141	.023	.013	.00110	.00021	.010	.0056
%RSD	10.726	.06620	.10441	52.808	.09906	.03238	.09170

#1	-.01214	34.199	12.150	.00285	.21702	30.420	6.1398
#2	-.01413	34.231	12.168	.00130	.21732	30.434	6.1477

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00167	3.1008	3.3827	4.8783	.00350	.02995	.15499
SDev	.00025	.1170	.0015	.0047	.00205	.00208	.00011
%RSD	14.731	3.7735	.04569	.09593	58.551	6.9361	.07195
#1	-.00149	3.1835	3.3816	4.8750	.00495	.03142	.15506
#2	-.00184	3.0180	3.3838	4.8816	.00205	.02848	.15491

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41081	.59975	.15986	.19620	-.00808	-.01566
SDev	.00054	.00031	.00080	.00000	.00878	.00228
%RSD	.13059	.05221	.50015	.00218	108.62	14.535
#1	.41043	.59952	.16043	.19620	-.00187	-.01727
#2	.41119	.59997	.15930	.19620	-.01429	-.01405

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41316	--	--	--	--	--	--
SDev	28.99138	--	--	--	--	--	--
%RSD	.0701707	--	--	--	--	--	--
#1	41295	--	--	--	--	--	--
#2	41336	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-4-b Operator: DCL
Run Time: 03/29/12 14:11:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	158.84	.00309	.07902	1.6388	.00820	.05963	.00100
SDev	.21	.00174	.00343	.0015	.00001	.00005	.00005
%RSD	.12969	56.239	4.3390	.09260	.15093	.08857	5.3299
#1	158.98	.00431	.08145	1.6399	.00819	.05967	.00104
#2	158.69	.00186	.07660	1.6378	.00821	.05960	.00096

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1529.1	.13844	.07647	.12427	124.22	.10184	.14855
SDev	2.5	.00011	.00045	.00016	.08	.00010	.00009
%RSD	.16386	.07890	.59142	.13254	.06435	.09363	.06308
#1	1530.9	.13852	.07679	.12439	124.27	.10191	.14849
#2	1527.3	.13836	.07615	.12415	124.16	.10177	.14862

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01254	33.465	10.067	.00028	.17947	26.093	5.6496
SDev	.00110	.033	.008	.00015	.00084	.026	.0035
%RSD	8.7611	.09732	.08425	53.108	.46547	.09979	.06210
#1	-.01331	33.488	10.073	.00038	.17888	26.112	5.6521
#2	-.01176	33.442	10.061	.00017	.18006	26.075	5.6471

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	3.6095	3.9225	6.7382	.00220	.03046	.14317
SDev	.00013	.0929	.0091	.0047	.00191	.00200	.00124
%RSD	8.5651	2.5729	.23171	.06973	86.877	6.5828	.86579
#1	-.00147	3.6751	3.9289	6.7415	.00085	.03188	.14405
#2	-.00166	3.5438	3.9161	6.7349	.00355	.02904	.14229

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34894	.50994	.12662	.15952	-.00744	-.01509
SDev	.00073	.00071	.00182	.00105	.00394	.00032
%RSD	.20999	.13914	1.4358	.65792	52.956	2.1324
#1	.34842	.50944	.12790	.15878	-.01022	-.01486
#2	.34946	.51044	.12533	.16026	-.00465	-.01531

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39898	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.2144493	--	--	--	--	--	--
#1	39837	--	--	--	--	--	--
#2	39958	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-4-c du Operator: DCL

Run Time: 03/29/12 14:15:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	173.76	.00396	.08762	1.9079	.00936	.05634	.00105
SDev	.33	.00157	.00187	.0033	.00002	.00016	.00006
%RSD	.19239	39.679	2.1356	.17059	.19220	.28075	5.4157
#1	173.52	.00285	.08894	1.9056	.00934	.05645	.00101
#2	173.99	.00507	.08630	1.9102	.00937	.05623	.00109

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1394.9	.15460	.09057	.14549	140.67	.11344	.15614
SDev	2.2	.00020	.00009	.00019	.28	.00027	.00096
%RSD	.15781	.13034	.09489	.12815	.20259	.23869	.61261

#1	1393.3	.15446	.09063	.14562	140.47	.11325	.15546
#2	1396.4	.15475	.09051	.14536	140.88	.11363	.15681

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01581	31.191	11.664	-.00043	.21720	27.755	5.4572
SDev	.00107	.068	.019	.00014	.00005	.050	.0104
%RSD	6.7413	.21849	.16559	32.993	.02130	.17966	.19094
#1	-.01505	31.143	11.650	-.00033	.21717	27.720	5.4498
#2	-.01656	31.240	11.678	-.00053	.21723	27.791	5.4646

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00128	2.6016	2.8424	5.6505	.00359	.02955	.12959
SDev	.00023	.0921	.0010	.0106	.00196	.00060	.00257
%RSD	18.051	3.5392	.03417	.18696	54.675	2.0401	1.9803
#1	-.00112	2.6667	2.8417	5.6430	.00497	.02913	.13141
#2	-.00144	2.5365	2.8431	5.6580	.00220	.02998	.12778

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38818	.54770	.13344	.16749	-.01008	-.01867
SDev	.00055	.00169	.00172	.00229	.00540	.00110
%RSD	.14118	.30907	1.2864	1.3691	53.589	5.8980
#1	.38780	.54650	.13465	.16587	-.00626	-.01945
#2	.38857	.54890	.13222	.16911	-.01389	-.01789

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41058	--	--	--	--	--	--
SDev	89.80256	--	--	--	--	--	--
%RSD	.2187186	--	--	--	--	--	--
#1	41122	--	--	--	--	--	--

#2	40995	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 14:19:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4772	.52515	.52099	.52457	.47895	.52007	.53744
SDev	.0121	.00120	.00192	.00154	.00299	.00201	.00369
%RSD	.48909	.22912	.36768	.29436	.62435	.38666	.68683
#1	2.4857	.52600	.52235	.52566	.48106	.52149	.54005
#2	2.4686	.52429	.51964	.52348	.47683	.51865	.53483

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.742	.48161	.47830	.47649	2.6379	.48562	.50169
SDev	.137	.00264	.00315	.00225	.0212	.00193	.00385
%RSD	1.0738	.54770	.65823	.47213	.80284	.39719	.76808
#1	12.838	.48348	.48053	.47808	2.6529	.48699	.50442
#2	12.645	.47975	.47608	.47490	2.6229	.48426	.49897

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50351	4.8588	.48406	.51679	.50186	12.847	.95833
SDev	.00225	.0388	.00302	.00073	.00403	.076	.00639
%RSD	.44639	.79784	.62382	.14228	.80253	.59278	.66694
#1	.50510	4.8862	.48620	.51731	.50471	12.901	.96285
#2	.50192	4.8313	.48193	.51627	.49902	12.794	.95381

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24902	12.541	12.292	.26288	.55447	.49798	.51202
SDev	.00105	.129	.041	.00106	.00493	.00272	.00218
%RSD	.42026	1.0271	.33704	.40266	.88849	.54591	.42658
#1	.24976	12.450	12.321	.26363	.55796	.49990	.51356
#2	.24828	12.632	12.263	.26213	.55099	.49606	.51047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49277	.52998	.45801	.52354	.46183	.52441
SDev	.00246	.00304	.00651	.00253	.00319	.00178
%RSD	.49841	.57304	1.4208	.48256	.69010	.33908
#1	.49450	.53213	.46261	.52532	.46409	.52566
#2	.49103	.52783	.45341	.52175	.45958	.52315

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38636	--	--	--	--	--	--
SDev	118.0868	--	--	--	--	--	--

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 %RSD    .3056433  --        --        --        --        --        --

 #1      38552     --        --        --        --        --        --
 #2      38719     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: CCB                   Operator: DCL
Run Time: 03/29/12 14:22:58
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .07601    -.00068   .00234    -.00003   -.00085   .00028    .00010
 SDev    .00368     .00283   .00242     .00019    .00001   .00006    .00000
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 %RSD    4.8467    413.65    103.56    641.30    .80280    20.461    .77622

 #1      .07862    .00131    .00405    .00010    -.00085   .00024    .00010
 #2      .07341    -.00268   .00063    -.00016   -.00086   .00032    .00010

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .02877    -.00065   -.00015   -.00342   -.00767   -.00017   .00099
 SDev    .00188     .00039    .00018    .00048    .01109    .00009   .00064
 %RSD    6.5509    60.462    119.66    14.048    144.53    51.018    64.541

 #1      .03010    -.00037   -.00002   -.00308   .00017    -.00011   .00054
 #2      .02744    -.00093   -.00028   -.00376   -.01551   -.00024   .00145

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00317   -.01602   .00015    .00103    -.00071   -.16108   -.00943
 SDev     .00130    .00555   .00010    .00090     .00013    .03981    .00299
 %RSD    40.985    34.659    64.879    87.808    17.925    24.715    31.672

 #1      -.00409   -.01210   .00021    .00166    -.00080   -.13293   -.00732
 #2      -.00225   -.01995   .00008    .00039    -.00062   -.18923   -.01154

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00008   -.07981   -.01157   .00005    .00287    -.00045   -.00036
 SDev     .00028    .07293    .00339   .00007    .00005     .00102    .00026
 %RSD    329.71    91.379    29.302    156.10    1.7130    228.30    73.094

 #1      .00011    -.02824   -.00918   .00010    .00284    -.00117   -.00017
 #2      -.00028   -.13139   -.01397   -.00000   .00291    .00028    -.00054

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00092   -.00003   .00283    .00008    .00247    -.00599
 SDev     .00044    .00013   .00020    .00106    .00602     .00106
 %RSD    48.030    468.83    7.1603    1382.2    243.56    17.712

 #1      -.00061   -.00012   .00297    -.00068   -.00178   -.00524
 #2      -.00123   .00006    .00269    .00083    .00672    -.00674


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
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Wavlen	371.030	--	--	--	--	--	--
Avge	39464	--	--	--	--	--	--
SDev	239.0021	--	--	--	--	--	--
%RSD	.6056206	--	--	--	--	--	--
#1	39295	--	--	--	--	--	--
#2	39633	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-4-d ms Operator: DCL
Run Time: 03/29/12 14:26:49
Comment: TRACE 61E

Analysis Report 03/29/12 02:30:37 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	246.07	.31657	.97420	2.8527	.40204	.61084	.40967
SDev	.58	.01157	.00720	.0068	.00263	.00282	.00248
%RSD	.23370	3.6557	.73925	.23760	.65430	.46236	.60584
#1	245.66	.30839	.96911	2.8479	.40018	.60884	.40791
#2	246.48	.32476	.97929	2.8575	.40390	.61283	.41142

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1284.6	.97172	.86058	.99705	181.21	.67533	.97187
SDev	12.8	.00609	.00513	.00070	1.03	.00060	.00152
%RSD	.99947	.62681	.59610	.07044	.56929	.08936	.15590
#1	1275.5	.96741	.85695	.99655	180.48	.67576	.97080
#2	1293.7	.97603	.86421	.99754	181.94	.67490	.97294

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80451	46.147	13.435	.72342	1.0050	46.184	5.1311
SDev	.00225	.334	.078	.00405	.0079	.159	.0185
%RSD	.27966	.72390	.58159	.55981	.78122	.34365	.35988
#1	.80292	45.911	13.380	.72055	.99947	46.072	5.1181
#2	.80610	46.384	13.490	.72628	1.0106	46.296	5.1442

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46377	13.445	15.171	5.6159	.91291	.79357	.30852
SDev	.00018	.160	.026	.0073	.01175	.00852	.00116
%RSD	.03811	1.1898	.16968	.12959	1.2876	1.0741	.37664
#1	.46365	13.558	15.189	5.6107	.90460	.78754	.30770
#2	.46390	13.332	15.153	5.6210	.92122	.79960	.30935

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2316	1.4793	.88880	1.0134	.75399	.82977
SDev	.0071	.0072	.01597	.0103	.01777	.01226
%RSD	.57774	.48910	1.7969	1.0123	2.3572	1.4777
#1	1.2266	1.4741	.90009	1.0061	.76656	.82110
#2	1.2366	1.4844	.87751	1.0207	.74142	.83844

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41614	--	--	--	--	--	--
SDev	345.0681	--	--	--	--	--	--
%RSD	.8292116	--	--	--	--	--	--
#1	41858	--	--	--	--	--	--
#2	41370	--	--	--	--	--	--

Analysis Report 03/29/12 02:30:37 PM page 15

Method: 20076010 Sample Name: 600-52729-c-4-e msd Operator: DCL
Run Time: 03/29/12 14:30:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	249.79	.32321	.99227	2.8786	.40047	.62747	.40821
SDev	.03	.00104	.00595	.0007	.00007	.00113	.00037
%RSD	.01169	.32108	.60001	.02290	.01714	.17952	.09086
#1	249.81	.32394	.98806	2.8781	.40042	.62667	.40795
#2	249.76	.32247	.99648	2.8790	.40052	.62826	.40847

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1406.6	.97309	.85543	.99438	188.45	.67865	.96974
SDev	.7	.00056	.00039	.00087	.03	.00030	.00061
%RSD	.05019	.05793	.04545	.08718	.01389	.04415	.06309
#1	1406.1	.97269	.85570	.99500	188.43	.67844	.96931
#2	1407.1	.97348	.85515	.99377	188.47	.67886	.97017

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79728	47.941	13.417	.72886	1.0008	47.822	6.2542
SDev	.00300	.030	.004	.00138	.0029	.016	.0034
%RSD	.37589	.06254	.03330	.19002	.28764	.03419	.05456
#1	.79939	47.920	13.414	.72788	.99880	47.834	6.2518
#2	.79516	47.962	13.420	.72984	1.0029	47.811	6.2566

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46470	13.738	15.450	6.3997	.90632	.79683	.32935
SDev	.00009	.072	.007	.0011	.00181	.00069	.00045
%RSD	.01971	.52095	.04411	.01763	.19975	.08620	.13619
#1	.46477	13.688	15.445	6.3990	.90504	.79732	.32967
#2	.46464	13.789	15.455	6.4005	.90760	.79635	.32903

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2407	1.5291	.87342	1.0179	.72917	.83133
SDev	.0007	.0021	.00170	.0001	.00249	.00325
%RSD	.05401	.13775	.19441	.00674	.34137	.39104
#1	1.2403	1.5276	.87222	1.0178	.73093	.83362

#2	1.2412	1.5306	.87463	1.0179	.72741	.82903	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41178	--	--	--	--	--	--

SDev	21.92031	--	--	--	--	--	--
%RSD	.0532337	--	--	--	--	--	--
#1	41193	--	--	--	--	--	--
#2	41162	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-5-b Operator: DCL
Run Time: 03/29/12 14:34:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	183.13	.01134	.09136	1.8736	.00980	.05316	.00123
SDev	.09	.00055	.00267	.0007	.00004	.00037	.00006
%RSD	.04911	4.8644	2.9182	.03869	.40075	.69945	4.6089
#1	183.19	.01095	.09325	1.8741	.00983	.05342	.00127
#2	183.07	.01173	.08948	1.8731	.00978	.05289	.00119

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1203.6	.16252	.09756	.14144	146.89	.11627	.18308
SDev	1.8	.00003	.00019	.00038	.02	.00012	.00078
%RSD	.14624	.02021	.19972	.27054	.01681	.10574	.42454
#1	1202.4	.16255	.09742	.14117	146.87	.11635	.18253
#2	1204.8	.16250	.09770	.14171	146.90	.11618	.18363

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01196	29.906	10.914	.00110	.21662	28.093	5.0312
SDev	.00147	.006	.003	.00135	.00002	.039	.0013
%RSD	12.282	.02108	.02402	122.77	.01079	.13927	.02626
#1	-.01092	29.901	10.912	.00205	.21664	28.065	5.0321
#2	-.01300	29.910	10.916	.00014	.21661	28.120	5.0302

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00155	2.4086	2.6672	4.2141	.00628	.02956	.13570
SDev	.00025	.0183	.0001	.0012	.00349	.00161	.00015
%RSD	16.015	.75906	.00491	.02825	55.594	5.4377	.11033
#1	-.00138	2.3956	2.6673	4.2133	.00875	.03070	.13580
#2	-.00173	2.4215	2.6671	4.2150	.00381	.02842	.13559

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40449	.65247	.15672	.19626	-.00953	-.01317
SDev	.00008	.00026	.00002	.00118	.00501	.00471

%RSD	.01892	.03931	.01112	.59849	52.522	35.740
#1	.40443	.65229	.15673	.19543	-.01308	-.00984
#2	.40454	.65265	.15671	.19709	-.00599	-.01650

Analysis Report 03/29/12 02:38:18 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42150	--	--	--	--	--	--
SDev	106.7731	--	--	--	--	--	--
%RSD	.2533200	--	--	--	--	--	--
#1	42225	--	--	--	--	--	--
#2	42074	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-6-b Operator: DCL
Run Time: 03/29/12 14:38:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	183.96	.00716	.09543	1.9569	.00976	.04511	.00063
SDev	3.19	.00275	.00288	.0342	.00017	.00084	.00004
%RSD	1.7365	38.320	3.0168	1.7482	1.7600	1.8543	7.0273
#1	186.22	.00910	.09746	1.9811	.00988	.04570	.00060
#2	181.70	.00522	.09339	1.9327	.00963	.04452	.00066

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1214.6	.16127	.09615	.13950	147.65	.11758	.16356
SDev	19.9	.00278	.00170	.00237	2.56	.00205	.00366
%RSD	1.6354	1.7208	1.7646	1.7014	1.7363	1.7458	2.2381
#1	1228.7	.16323	.09735	.14118	149.46	.11903	.16615
#2	1200.6	.15930	.09495	.13782	145.84	.11613	.16097

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01319	31.764	9.4502	.00113	.21894	28.177	5.2561
SDev	.00093	.550	.1610	.00034	.00315	.495	.0909
%RSD	7.0290	1.7326	1.7035	30.214	1.4394	1.7556	1.7292
#1	-.01254	32.153	9.5640	.00089	.22117	28.527	5.3203
#2	-.01385	31.375	9.3364	.00138	.21672	27.827	5.1918

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00191	2.4422	2.7543	4.7759	.00567	.03137	.13826
SDev	.00036	.1287	.0496	.0817	.00011	.00015	.00270
%RSD	18.912	5.2685	1.7999	1.7113	1.9677	.47820	1.9512
#1	-.00166	2.5332	2.7893	4.8337	.00575	.03147	.14017
#2	-.00217	2.3513	2.7192	4.7181	.00559	.03126	.13635

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39748	.59265	.13770	.17649	-.01356	-.01301
SDev	.00684	.00974	.00099	.00500	.00028	.00125
%RSD	1.7210	1.6432	.71645	2.8317	2.0816	9.6067

Analysis Report 03/29/12 02:42:09 PM page 18

#1	.40232	.59953	.13840	.18002	-.01336	-.01213
#2	.39265	.58576	.13700	.17295	-.01376	-.01389

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41144	--	--	--	--	--	--
SDev	633.5677	--	--	--	--	--	--
%RSD	1.539879	--	--	--	--	--	--
#1	40696	--	--	--	--	--	--
#2	41592	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-7-b Operator: DCL
Run Time: 03/29/12 14:42:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	206.94	.00411	.09025	1.9134	.01124	.08458	.00064
SDev	.21	.00157	.00156	.0016	.00003	.00032	.00012
%RSD	.10273	38.224	1.7237	.08352	.29778	.38151	19.328
#1	207.09	.00300	.09135	1.9145	.01127	.08481	.00055
#2	206.79	.00522	.08915	1.9123	.01122	.08435	.00072

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1024.8	.18168	.09553	.18070	164.64	.12955	.20798
SDev	.7	.00032	.00034	.00084	.17	.00011	.00040
%RSD	.06779	.17415	.35599	.46227	.10449	.08555	.19393
#1	1024.3	.18191	.09577	.18129	164.76	.12963	.20826
#2	1025.3	.18146	.09529	.18010	164.52	.12948	.20769

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01511	32.930	8.9870	.00026	.23358	28.784	5.2493
SDev	.00135	.005	.0034	.00173	.00118	.004	.0046
%RSD	8.9159	.01601	.03807	679.84	.50672	.01453	.08759
#1	-.01606	32.934	8.9895	.00148	.23274	28.781	5.2526
#2	-.01416	32.927	8.9846	-.00097	.23441	28.787	5.2461

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00179	2.2390	2.4819	3.2479	.00429	.03035	.14683
SDev	.00012	.1281	.0050	.0012	.00029	.00023	.00062
%RSD	6.5154	5.7218	.20074	.03765	6.6737	.76797	.42503
#1	-.00171	2.3296	2.4854	3.2487	.00450	.03052	.14727
#2	-.00187	2.1484	2.4784	3.2470	.00409	.03019	.14639

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 03/29/12 02:46:00 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44842	.64467	.17855	.22269	-.01013	-.01760
SDev	.00085	.00001	.00065	.00028	.00240	.00082
%RSD	.18846	.00188	.36348	.12595	23.703	4.6605
#1	.44902	.64468	.17901	.22289	-.01183	-.01818
#2	.44782	.64466	.17809	.22249	-.00843	-.01702

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42914	--	--	--	--	--	--
SDev	135.0574	--	--	--	--	--	--
%RSD	.3147201	--	--	--	--	--	--
#1	43009	--	--	--	--	--	--
#2	42818	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-8-b Operator: DCL
Run Time: 03/29/12 14:46:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.14	.00527	.10600	2.3503	.01174	.06829	.00045
SDev	.39	.00224	.00121	.0031	.00000	.00016	.00004
%RSD	.17911	42.468	1.1386	.13365	.01417	.23965	8.6040
#1	217.42	.00369	.10685	2.3525	.01174	.06841	.00042
#2	216.87	.00685	.10514	2.3481	.01174	.06817	.00048

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1081.6	.18886	.12604	.16244	178.86	.13631	.22181
SDev	1.8	.00035	.00009	.00038	.06	.00022	.00016
%RSD	.16636	.18645	.06707	.23062	.03267	.16152	.07188
#1	1082.8	.18861	.12610	.16270	178.82	.13647	.22192
#2	1080.3	.18910	.12598	.16217	178.90	.13616	.22169

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01730	35.621	14.128	-.00017	.26148	30.447	4.7742
SDev	.00093	.038	.019	.00078	.00094	.021	.0057
%RSD	5.3900	.10636	.13448	453.35	.36005	.06989	.11999
#1	-.01664	35.648	14.141	-.00072	.26081	30.462	4.7782
#2	-.01796	35.594	14.114	.00038	.26214	30.432	4.7701

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00199	2.6019	2.8149	3.6571	.00637	.02844	.14174
SDev	.00001	.1143	.0013	.0054	.00070	.00049	.00031
%RSD	.41620	4.3918	.04764	.14799	10.923	1.7188	.21962

Analysis Report 03/29/12 02:49:50 PM page 20

#1	-.00199	2.6827	2.8159	3.6609	.00686	.02878	.14196
#2	-.00198	2.5211	2.8140	3.6533	.00588	.02809	.14152

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49106	.66362	.18958	.23792	-.00916	-.02138
SDev	.00052	.00076	.00002	.00023	.00020	.00150
%RSD	.10629	.11410	.00786	.09739	2.1360	7.0021
#1	.49143	.66416	.18959	.23808	-.00930	-.02032
#2	.49069	.66309	.18957	.23776	-.00902	-.02243

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43021	--	--	--	--	--	--
SDev	121.6224	--	--	--	--	--	--
%RSD	.2827047	--	--	--	--	--	--
#1	42935	--	--	--	--	--	--
#2	43107	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-b-9-c Operator: DCL
Run Time: 03/29/12 14:49:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.72	.00412	.10857	2.5281	.01163	.07084	.00062
SDev	.32	.00150	.00302	.0024	.00001	.00094	.00003
%RSD	.14647	36.396	2.7800	.09438	.10421	1.3334	5.2705
#1	217.95	.00306	.11070	2.5297	.01164	.07151	.00059
#2	217.50	.00518	.10643	2.5264	.01162	.07017	.00064

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1063.0	.18984	.11512	.16688	176.69	.13517	.22750
SDev	1.4	.00010	.00053	.00030	.18	.00012	.00057
%RSD	.13065	.05398	.45973	.17692	.10176	.08724	.25089
#1	1064.0	.18976	.11549	.16709	176.82	.13525	.22791
#2	1062.0	.18991	.11474	.16667	176.56	.13509	.22710

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01587	36.195	13.305	-.00035	.25062	32.181	4.8889
SDev	.00108	.048	.014	.00014	.00125	.018	.0059
%RSD	6.8303	.13314	.10454	38.774	.49924	.05474	.12036
#1	-.01510	36.229	13.315	-.00025	.25150	32.193	4.8930
#2	-.01663	36.161	13.295	-.00045	.24973	32.168	4.8847

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 03/29/12 02:53:42 PM page 21

Avge	-.00174	2.6851	3.0728	3.4977	.00584	.02935	.15234
SDev	.00040	.1235	.0032	.0024	.00311	.00015	.00023
%RSD	23.189	4.5981	.10397	.06876	53.311	.49918	.15290
#1	-.00146	2.7724	3.0751	3.4994	.00804	.02945	.15218
#2	-.00203	2.5978	3.0706	3.4960	.00364	.02924	.15250

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48590	.65816	.19602	.24325	-.00946	-.01907
SDev	.00019	.00087	.00259	.00044	.00425	.00050
%RSD	.03863	.13213	1.3202	.17995	44.916	2.6109
#1	.48603	.65877	.19785	.24294	-.00645	-.01942
#2	.48577	.65754	.19419	.24355	-.01246	-.01872

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43262	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.1438339	--	--	--	--	--	--
#1	43218	--	--	--	--	--	--
#2	43306	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-b-10-c Operator: DCL
Run Time: 03/29/12 14:53:45
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	169.53	.00475	.08294	1.9553	.00882	.04913	.00141
SDev	.26	.00125	.00039	.0018	.00001	.00009	.00010
%RSD	.15420	26.380	.46541	.09089	.12499	.18196	7.2637
#1	169.71	.00387	.08267	1.9565	.00883	.04920	.00148
#2	169.34	.00564	.08321	1.9540	.00881	.04907	.00134

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1420.2	.14776	.11172	.12624	139.05	.12181	.18133
SDev	.3	.00018	.00005	.00051	.07	.00011	.00018
%RSD	.02135	.12062	.04119	.40649	.05320	.08937	.09750
#1	1420.0	.14788	.11175	.12660	139.10	.12188	.18146
#2	1420.4	.14763	.11169	.12588	139.00	.12173	.18121

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01249	28.929	12.035	.00008	.24880	26.681	5.1078
SDev	.00058	.019	.007	.00021	.00003	.026	.0092
%RSD	4.6593	.06489	.06223	252.48	.01345	.09845	.17971
#1	-.01290	28.942	12.040	.00023	.24877	26.699	5.1143

Analysis Report 03/29/12 02:57:33 PM page 22

#2	-.01208	28.915	12.030	-.00006	.24882	26.662	5.1013
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00179	2.6971	2.9744	4.8589	.00315	.02823	.13644
SDev	.00000	.1104	.0077	.0030	.00293	.00048	.00024
%RSD	.15099	4.0936	.25750	.06141	92.972	1.7159	.17544
#1	-.00178	2.7751	2.9799	4.8611	.00522	.02857	.13661
#2	-.00179	2.6190	2.9690	4.8568	.00108	.02789	.13627
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.40595	.55485	.15404	.19498	-.00923	-.01412	
SDev	.00015	.00092	.00047	.00003	.00056	.00059	
%RSD	.03611	.16573	.30647	.01496	6.1051	4.1870	
#1	.40606	.55550	.15437	.19500	-.00962	-.01454	
#2	.40585	.55420	.15371	.19496	-.00883	-.01370	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40216	--	--	--	--	--	--
SDev	40.30509	--	--	--	--	--	--
%RSD	.1002228	--	--	--	--	--	--
#1	40244	--	--	--	--	--	--
#2	40187	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-11-d Operator: DCL
Run Time: 03/29/12 14:57:36
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	193.94	.00556	.10218	2.1019	.01006	.06825	.00055
SDev	.43	.00210	.00136	.0040	.00002	.00067	.00012
%RSD	.22326	37.854	1.3286	.18850	.20572	.98814	22.401
#1	194.25	.00407	.10122	2.1047	.01007	.06873	.00064
#2	193.63	.00705	.10314	2.0991	.01004	.06777	.00047
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1277.4	.17025	.11706	.14112	160.70	.12443	.19853
SDev	.6	.00044	.00030	.00068	.21	.00018	.00000
%RSD	.04396	.25915	.25373	.48381	.13087	.14272	.00152
#1	1277.8	.17056	.11685	.14160	160.85	.12455	.19853
#2	1277.0	.16994	.11727	.14064	160.56	.12430	.19853
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01561	32.916	14.819	-.00089	.23732	28.739	5.7290

SDev	.00001	.042	.019	.00026	.00040	.029	.0104
%RSD	.08845	.12852	.13075	29.520	.16824	.09929	.18125

#1	-.01560	32.946	14.832	-.00070	.23760	28.759	5.7364
#2	-.01562	32.887	14.805	-.00108	.23704	28.719	5.7217
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00192	2.3908	2.7053	4.8280	.00805	.02711	.16890
SDev	.00034	.0903	.0066	.0067	.00232	.00047	.00008
%RSD	17.542	3.7787	.24268	.13907	28.833	1.7286	.04959
#1	-.00168	2.4546	2.7099	4.8327	.00970	.02744	.16896
#2	-.00216	2.3269	2.7006	4.8232	.00641	.02678	.16884
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.45825	.59386	.16720	.21419	-.01200	-.01742	
SDev	.00071	.00066	.00199	.00099	.00091	.00047	
%RSD	.15384	.11130	1.1933	.46365	7.5580	2.7230	
#1	.45875	.59433	.16579	.21489	-.01264	-.01708	
#2	.45775	.59340	.16862	.21349	-.01136	-.01775	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41476	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0153439	--	--	--	--	--	--
#1	41480	--	--	--	--	--	--
#2	41471	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-12-b Operator: DCL
Run Time: 03/29/12 15:01:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	172.10	.00350	.09185	1.7867	.00902	.05402	.00070
SDev	.10	.00311	.00018	.0007	.00001	.00005	.00017
%RSD	.05682	88.955	.19302	.04081	.05375	.09819	24.905
#1	172.03	.00570	.09172	1.7861	.00902	.05406	.00082
#2	172.17	.00130	.09197	1.7872	.00902	.05399	.00057
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1400.1	.15555	.09519	.13243	148.55	.11520	.17867
SDev	2.3	.00038	.00021	.00009	.17	.00009	.00043
%RSD	.16127	.24339	.21684	.07024	.11181	.08050	.24169
#1	1398.6	.15528	.09504	.13236	148.44	.11513	.17836

#2	1401.7	.15582	.09533	.13249	148.67	.11527	.17897
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.01605	32.044	12.332	.00049	.21655	28.286	5.1318
SDev	.00137	.052	.015	.00111	.00049	.026	.0045
%RSD	8.5621	.16346	.12061	229.08	.22854	.09066	.08711
#1	-.01507	32.007	12.322	.00127	.21690	28.268	5.1287
#2	-.01702	32.081	12.343	-.00030	.21620	28.304	5.1350

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00160	3.0979	3.4381	6.6919	.00715	.02914	.14405
SDev	.00037	.0092	.0058	.0050	.00301	.00113	.00028
%RSD	23.174	.29576	.16729	.07520	42.134	3.8638	.19720
#1	-.00134	3.1044	3.4341	6.6884	.00929	.02834	.14385
#2	-.00186	3.0914	3.4422	6.6955	.00502	.02993	.14425

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38888	.58490	.15443	.19079	-.00935	-.01940
SDev	.00057	.00063	.00146	.00138	.00099	.00157
%RSD	.14562	.10786	.94354	.72137	10.579	8.0763
#1	.38848	.58445	.15546	.18981	-.00865	-.01829
#2	.38928	.58534	.15340	.19176	-.01004	-.02050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40556	--	--	--	--	--	--
SDev	66.46804	--	--	--	--	--	--
%RSD	.1638920	--	--	--	--	--	--
#1	40603	--	--	--	--	--	--
#2	40509	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 15:05:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5079	.53697	.52873	.53532	.47370	.53195	.55096
SDev	.0130	.00745	.00445	.00178	.00295	.00122	.00330
%RSD	.51659	1.3881	.84099	.33280	.62345	.22905	.59970
#1	2.5171	.54224	.53187	.53658	.47579	.53281	.55330
#2	2.4987	.53170	.52558	.53406	.47161	.53109	.54863

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.911	.48002	.47533	.47264	2.6789	.49674	.50778
SDev	.184	.00373	.00299	.00198	.0301	.00087	.00624
%RSD	1.4270	.77645	.62897	.41917	1.1240	.17552	1.2291
#1	13.041	.48265	.47744	.47404	2.7002	.49736	.51219
#2	12.780	.47738	.47321	.47124	2.6576	.49612	.50336

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50460	4.8733	.48473	.52426	.50539	13.240	.96164
SDev	.00712	.0440	.00311	.00088	.00238	.087	.00547
%RSD	1.4113	.90265	.64252	.16824	.47031	.65430	.56854
#1	.50963	4.9044	.48693	.52489	.50707	13.301	.96551
#2	.49956	4.8422	.48252	.52364	.50371	13.179	.95778

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24956	12.578	12.556	.26879	.56762	.50190	.51548
SDev	.00177	.116	.024	.00109	.00512	.00129	.00264
%RSD	.70926	.92118	.18964	.40483	.90195	.25651	.51222
#1	.25081	12.660	12.539	.26956	.56400	.50281	.51735
#2	.24831	12.496	12.573	.26802	.57124	.50099	.51362

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49218	.53881	.45821	.53256	.46296	.52547
SDev	.00291	.00275	.00831	.00521	.00453	.00842
%RSD	.59161	.51121	1.8137	.97768	.97840	1.6019
#1	.49424	.54076	.46409	.53624	.46616	.53143
#2	.49012	.53686	.45234	.52888	.45976	.51952

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37873	--	--	--	--	--	--
SDev	422.8499	--	--	--	--	--	--
%RSD	1.116494	--	--	--	--	--	--
#1	37574	--	--	--	--	--	--
#2	38172	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 15:09:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10355	.00303	.00256	.00013	-.00100	.00178	.00014
SDev	.00011	.00109	.00138	.00003	.00006	.00005	.00006
%RSD	.10749	36.058	53.924	25.353	6.1047	2.5732	43.802

#1	.10347	.00225	.00353	.00015	-.00096	.00181	.00010
#2	.10363	.00380	.00158	.00011	-.00104	.00174	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02165	.00012	.00042	-.00323	.01301	.00010	.00143
SDev	.00858	.00011	.00011	.00015	.00542	.00001	.00081
%RSD	39.649	98.267	26.172	4.7220	41.662	8.2225	56.439

#1	.01558	.00004	.00050	-.00334	.00918	.00011	.00200
#2	.02771	.00020	.00035	-.00312	.01684	.00010	.00086

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00110	.00292	.00029	.00102	-.00062	-.04527	-.00487
SDev	.00172	.00184	.00006	.00051	.00003	.01536	.00068
%RSD	156.52	62.884	20.605	50.392	4.4797	33.926	13.911

#1	.00012	.00162	.00024	.00138	-.00064	-.05613	-.00439
#2	-.00231	.00422	.00033	.00066	-.00060	-.03441	-.00535

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.02027	-.00526	.00014	.00217	.00143	.00002
SDev	.00019	.08148	.00137	.00001	.00094	.00002	.00007
%RSD	33.830	402.07	26.055	7.2783	43.479	1.2561	457.39

#1	.00071	-.03735	-.00429	.00013	.00150	.00141	-.00004
#2	.00044	.07788	-.00623	.00014	.00284	.00144	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00066	.00502	-.00037	.00201	-.00265
SDev	.00025	.00002	.00151	.00046	.00040	.00238
%RSD	246.18	2.7808	29.969	122.52	19.822	89.642

#1	-.00008	-.00067	.00609	-.00005	.00230	-.00097
#2	.00028	-.00065	.00396	-.00069	.00173	-.00434

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38690	--	--	--	--	--	--
SDev	155.5635	--	--	--	--	--	--
%RSD	.4020767	--	--	--	--	--	--

#1	38800	--	--	--	--	--	--
#2	38580	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-13-b Operator: DCL
Run Time: 03/29/12 15:13:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	196.95	.00196	.10248	2.2478	.01064	.05730	.00065
SDev	.39	.00245	.00080	.0039	.00001	.00013	.00020
%RSD	.20021	125.12	.78348	.17387	.06444	.23235	31.298

#1	197.23	.00023	.10305	2.2505	.01064	.05720	.00079
#2	196.67	.00370	.10191	2.2450	.01063	.05739	.00051

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	989.36	.16415	.10876	.14209	161.15	.12103	.21417
SDev	1.32	.00016	.00031	.00044	.03	.00029	.00256
%RSD	.13339	.09692	.28840	.30756	.01773	.24111	1.1971
#1	988.43	.16404	.10898	.14240	161.13	.12124	.21235
#2	990.30	.16426	.10854	.14178	161.17	.12082	.21598

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01342	30.425	12.436	.00006	.23031	26.467	3.4644
SDev	.00077	.024	.001	.00117	.00129	.002	.0043
%RSD	5.7294	.08016	.01117	2064.3	.55849	.00864	.12480
#1	-.01288	30.408	12.435	.00089	.23122	26.466	3.4675
#2	-.01397	30.443	12.437	-.00077	.22940	26.469	3.4613

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00162	1.9154	2.0773	2.8251	.00810	.02698	.12650
SDev	.00031	.0791	.0095	.0023	.00066	.00068	.00016
%RSD	18.930	4.1298	.45911	.08054	8.1594	2.5002	.12771
#1	-.00141	1.9714	2.0840	2.8267	.00856	.02650	.12662
#2	-.00184	1.8595	2.0705	2.8235	.00763	.02746	.12639

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46429	.55298	.18329	.22961	-.00792	-.01617
SDev	.00042	.00055	.00335	.00217	.00462	.00115
%RSD	.08982	.09962	1.8306	.94425	58.255	7.1396
#1	.46459	.55259	.18091	.22807	-.00466	-.01699
#2	.46400	.55337	.18566	.23114	-.01119	-.01536

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43451	--	--	--	--	--	--
SDev	137.1787	--	--	--	--	--	--
%RSD	.3157090	--	--	--	--	--	--
#1	43548	--	--	--	--	--	--
#2	43354	--	--	--	--	--	--

03/29/12 03:20:40 PM page 28

Method: 20076010 Sample Name: 600-52729-c-14-b Operator: DCL
Run Time: 03/29/12 15:16:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	192.88	.00517	.10179	2.0568	.01003	.06821	.00082
SDev	.18	.00257	.00102	.0022	.00001	.00030	.00020
%RSD	.09099	49.646	.99863	.10645	.09117	.44652	24.173
#1	192.75	.00335	.10107	2.0553	.01002	.06799	.00096
#2	193.00	.00698	.10251	2.0584	.01003	.06842	.00068

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1071.0	.16696	.10338	.14128	158.91	.12108	.20214
SDev	.5	.00041	.00020	.00044	.20	.00014	.00082
%RSD	.04674	.24605	.19104	.30973	.12824	.11212	.40652
#1	1070.6	.16667	.10352	.14097	158.77	.12099	.20272
#2	1071.3	.16725	.10324	.14159	159.06	.12118	.20156

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01459	30.578	11.815	.00087	.22744	27.619	3.9984
SDev	.00116	.034	.017	.00016	.00047	.037	.0058
%RSD	7.9430	.11282	.14740	18.132	.20556	.13220	.14417
#1	-.01377	30.554	11.802	.00075	.22710	27.594	3.9944
#2	-.01541	30.603	11.827	.00098	.22777	27.645	4.0025

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00196	1.9291	2.1844	3.1664	.01236	.02928	.14361
SDev	.00035	.0115	.0019	.0041	.00117	.00132	.00016
%RSD	17.773	.59844	.08918	.13051	9.4768	4.5230	.11001
#1	-.00171	1.9372	2.1831	3.1635	.01153	.03022	.14350
#2	-.00221	1.9209	2.1858	3.1694	.01319	.02834	.14372

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44421	.57126	.17218	.21712	-.01150	-.01614
SDev	.00061	.00077	.00142	.00052	.00311	.00018
%RSD	.13794	.13509	.82422	.24089	27.061	1.1304
#1	.44377	.57072	.17319	.21749	-.00930	-.01601
#2	.44464	.57181	.17118	.21675	-.01370	-.01627

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42422	--	--	--	--	--	--
SDev	30.40559	--	--	--	--	--	--
%RSD	.0716733	--	--	--	--	--	--

Analysis Report 03/29/12 03:20:40 PM page 29

#1	42401	--	--	--	--	--	--
#2	42444	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-15-b Operator: DCL
Run Time: 03/29/12 15:20:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	231.78	.00513	.10379	2.1712	.01247	.06792	-.00054
SDev	.78	.00228	.00060	.0060	.00007	.00030	.00023
%RSD	.33553	44.449	.57930	.27747	.55256	.44968	43.188

#1	232.33	.00352	.10337	2.1755	.01252	.06771	-.00037
#2	231.23	.00674	.10422	2.1669	.01242	.06814	-.00070

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	731.26	.20074	.11383	.16836	187.53	.14082	.22860
SDev	2.10	.00074	.00032	.00033	.61	.00040	.00000
%RSD	.28697	.36948	.28223	.19494	.32273	.28723	.00177

#1	732.75	.20127	.11406	.16860	187.96	.14111	.22860
#2	729.78	.20022	.11360	.16813	187.10	.14053	.22860

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01596	37.455	11.863	-.00018	.24862	31.154	3.8802
SDev	.00075	.121	.035	.00027	.00072	.116	.0136
%RSD	4.7163	.32346	.29498	150.08	.29073	.37210	.34946

#1	-.01543	37.541	11.888	.00001	.24913	31.236	3.8898
#2	-.01649	37.369	11.838	-.00036	.24811	31.072	3.8706

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00200	3.2363	3.5927	2.3705	.01111	.02792	.16356
SDev	.00001	.0026	.0166	.0062	.00151	.00122	.00060
%RSD	.27046	.08136	.46138	.26082	13.623	4.3726	.36566

#1	-.00200	3.2382	3.6045	2.3749	.01218	.02878	.16398
#2	-.00199	3.2344	3.5810	2.3661	.01004	.02705	.16314

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49180	.64813	.19430	.24575	-.01082	-.01853
SDev	.00139	.00174	.00058	.00028	.00075	.00075
%RSD	.28175	.26818	.29961	.11598	6.9323	4.0692

#1	.49278	.64935	.19389	.24595	-.01029	-.01800
#2	.49083	.64690	.19472	.24555	-.01135	-.01906

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/29/12 03:24:31 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44217	--	--	--	--	--	--
SDev	79.19596	--	--	--	--	--	--
%RSD	.1791075	--	--	--	--	--	--

#1	44161	--	--	--	--	--	--
#2	44273	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52729-c-16-b Operator: DCL
Run Time: 03/29/12 15:24:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	192.46	.00557	.11946	2.4699	.01017	.05430	.00055

SDev	.21	.00111	.00035	.0036	.00002	.00012	.00001
%RSD	.11017	19.881	.29086	.14579	.18896	.22540	2.1302
#1	192.61	.00635	.11922	2.4725	.01016	.05439	.00056
#2	192.31	.00478	.11971	2.4674	.01019	.05422	.00054

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1199.6	.16509	.12051	.13676	163.11	.12398	.21388
SDev	3.1	.00011	.00019	.00010	.19	.00019	.00132
%RSD	.26010	.06566	.15495	.07358	.11406	.15145	.61838
#1	1197.4	.16517	.12038	.13683	162.98	.12411	.21482
#2	1201.8	.16502	.12064	.13669	163.24	.12385	.21295

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01704	31.807	14.921	-.00024	.23768	29.652	4.2180
SDev	.00194	.066	.016	.00029	.00014	.038	.0021
%RSD	11.365	.20696	.10780	117.29	.05931	.12710	.04927
#1	-.01841	31.761	14.909	-.00045	.23758	29.679	4.2165
#2	-.01567	31.854	14.932	-.00004	.23778	29.626	4.2194

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00169	2.6116	2.7705	4.0150	.00979	.02881	.13815
SDev	.00041	.1453	.0036	.0027	.00073	.00049	.00032
%RSD	24.106	5.5637	.12985	.06720	7.4182	1.7006	.23253
#1	-.00197	2.5089	2.7730	4.0169	.01030	.02915	.13838
#2	-.00140	2.7144	2.7679	4.0131	.00928	.02846	.13793

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47700	.68165	.18253	.22956	-.01856	-.01628
SDev	.00014	.00044	.00326	.00362	.00475	.00053
%RSD	.02907	.06433	1.7871	1.5747	25.567	3.2697
#1	.47690	.68134	.18022	.23211	-.02192	-.01666

#2	.47709	.68196	.18483	.22700	-.01521	-.01591

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40914	--	--	--	--	--	--
SDev	37.47666	--	--	--	--	--	--
%RSD	.0915997	--	--	--	--	--	--
#1	40940	--	--	--	--	--	--
#2	40887	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52778-a-1-a Operator: DCL
Run Time: 03/29/12 15:28:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.171	.00416	.02261	.63883	.00223	.04126	-.00157
SDev	.020	.00154	.00109	.00192	.00002	.00108	.00016
%RSD	.04493	36.998	4.8256	.30013	.78201	2.6056	10.300
#1	44.185	.00525	.02338	.64019	.00224	.04202	-.00146
#2	44.157	.00307	.02184	.63748	.00222	.04050	-.00169

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	131.79	.04639	.02382	.04340	65.558	.05969	.05785
SDev	.84	.00040	.00018	.00058	.344	.00010	.00013
%RSD	.63601	.86175	.75799	1.3384	.52540	.16130	.22122
#1	132.38	.04667	.02395	.04381	65.801	.05975	.05776
#2	131.20	.04610	.02369	.04299	65.314	.05962	.05794

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00653	22.068	1.9335	.00098	.06130	10.970	2.4864
SDev	.00255	.137	.0099	.00018	.00014	.058	.0072
%RSD	39.022	.62286	.51021	18.850	.23541	.52867	.29022
#1	-.00473	22.166	1.9405	.00085	.06140	11.011	2.4915
#2	-.00833	21.971	1.9265	.00111	.06120	10.929	2.4813

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00063	11.089	11.295	.32145	.00283	.03077	.27160
SDev	.00037	.122	.044	.00110	.00267	.00130	.00128
%RSD	58.973	1.0999	.38766	.34322	94.282	4.2155	.47204
#1	-.00037	11.003	11.264	.32223	.00472	.03169	.27251
#2	-.00090	11.175	11.326	.32067	.00094	.02985	.27069

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09347	.17742	.05315	.06020	-.00646	-.00656

SDev	.00067	.00110	.00052	.00007	.00086	.00339
%RSD	.72045	.62231	.98432	.11564	13.292	51.687
#1	.09394	.17820	.05278	.06025	-.00586	-.00417
#2	.09299	.17664	.05352	.06015	-.00707	-.00896

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38558	--	--	--	--	--	--
SDev	304.0559	--	--	--	--	--	--
%RSD	.7885677	--	--	--	--	--	--
#1	38343	--	--	--	--	--	--
#2	38773	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52778-a-2-a Operator: DCL
Run Time: 03/29/12 15:32:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	186.62	.00427	.05258	1.5930	.01337	.03843	-.00499
SDev	.07	.00213	.00246	.0010	.00001	.00049	.00010
%RSD	.03721	49.761	4.6795	.06001	.06332	1.2749	2.0481
#1	186.57	.00277	.05432	1.5937	.01337	.03808	-.00492
#2	186.67	.00578	.05084	1.5923	.01338	.03878	-.00506

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.37	.16006	.06045	.13009	178.33	.13457	.18438
SDev	.08	.00001	.00029	.00010	.35	.00002	.00107
%RSD	.08143	.00702	.48394	.07751	.19722	.01276	.58143
#1	102.43	.16007	.06024	.13016	178.58	.13456	.18514
#2	102.31	.16005	.06066	.13002	178.08	.13458	.18362

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00835	41.280	2.2232	.00172	.14573	20.848	2.3965
SDev	.00355	.024	.0006	.00114	.00001	.021	.0038
%RSD	42.479	.05775	.02587	66.582	.00570	.09915	.15715
#1	-.01086	41.296	2.2236	.00253	.14573	20.863	2.3938
#2	-.00584	41.263	2.2228	.00091	.14574	20.833	2.3991

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00156	3.1043	3.3296	.52304	.01019	.02742	.20570
SDev	.00038	.1085	.0003	.00035	.00231	.00076	.00022
%RSD	24.442	3.4946	.00751	.06654	22.675	2.7650	.10957
#1	-.00183	3.0276	3.3297	.52329	.01183	.02795	.20586
#2	-.00129	3.1810	3.3294	.52280	.00856	.02688	.20554

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35182	.42866	.15884	.19715	-.00421	-.01042
SDev	.00007	.00025	.00307	.00007	.00059	.00503
%RSD	.01996	.05887	1.9303	.03804	13.927	48.250
#1	.35187	.42848	.16101	.19720	-.00463	-.01398
#2	.35177	.42883	.15667	.19710	-.00380	-.00687

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41890	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.1839951	--	--	--	--	--	--
#1	41835	--	--	--	--	--	--
#2	41944	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52201-a-23-a Operator: DCL
Run Time: 03/29/12 15:36:07

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	132.67	.00899	.10760	1.4001	.00619	.10171	-.00019
SDev	.01	.00118	.00186	.0003	.00000	.00105	.00015
%RSD	.00714	13.085	1.7287	.02113	.02635	1.0337	78.432
#1	132.68	.00982	.10629	1.4003	.00619	.10097	-.00009
#2	132.66	.00816	.10892	1.3999	.00619	.10245	-.00030

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1618.2	.13924	.05257	.14947	147.23	.09138	.65652
SDev	4.4	.00021	.00018	.00051	.12	.00004	.00314
%RSD	.27271	.15072	.34707	.34224	.08109	.04292	.47783
#1	1621.3	.13938	.05270	.14911	147.31	.09135	.65874
#2	1615.1	.13909	.05244	.14983	147.15	.09141	.65430

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01811	45.077	3.5792	.00444	.11708	65.291	3.4138
SDev	.00252	.074	.0036	.00056	.00047	.111	.0030
%RSD	13.902	.16363	.09995	12.704	.40388	.17024	.08897
#1	-.01633	45.130	3.5817	.00484	.11741	65.213	3.4160
#2	-.01989	45.025	3.5767	.00404	.11674	65.370	3.4117

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	3.4426	3.7937	4.4236	.01254	.05131	.19213
SDev	.00043	.1421	.0039	.0005	.00289	.00107	.00030

%RSD	61.711	4.1278	.10246	.01182	23.043	2.0902	.15553
#1	-.00039	3.5431	3.7909	4.4232	.01459	.05207	.19234
#2	-.00099	3.3421	3.7964	4.4240	.01050	.05055	.19192

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28504	1.0544	.57817	.69570	-.00812	-.02311
SDev	.00072	.0006	.00012	.00465	.00212	.00484
%RSD	.25243	.05870	.02027	.66797	26.078	20.923
#1	.28554	1.0548	.57825	.69898	-.00961	-.01969
#2	.28453	1.0539	.57809	.69241	-.00662	-.02653

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36594	--	--	--	--	--	--
SDev	108.8945	--	--	--	--	--	--
%RSD	.2975746	--	--	--	--	--	--
#1	36517	--	--	--	--	--	--
#2	36671	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-75916/28-a Operator: DCL
Run Time: 03/29/12 15:39:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10993	.00311	.00139	.00284	-.00112	.00006	-.00002
SDev	.00323	.00047	.00301	.00001	.00001	.00025	.00015
%RSD	2.9371	15.289	216.45	.25805	.58670	414.08	789.45
#1	.11221	.00344	.00352	.00283	-.00112	.00023	.00009
#2	.10764	.00277	-.00074	.00284	-.00113	-.00011	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23980	.00051	-.00014	-.00327	.02508	.00030	.00157
SDev	.02257	.00010	.00022	.00022	.00590	.00000	.00013
%RSD	9.4120	19.105	153.20	6.6389	23.514	1.2811	8.2335
#1	.25576	.00058	-.00030	-.00311	.02091	.00030	.00166
#2	.22384	.00044	.00001	-.00342	.02925	.00031	.00148

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.02209	.00048	-.00091	-.00034	.15906	-.00234
SDev	.00268	.00066	.00012	.00020	.00028	.00855	.00187
%RSD	910.28	2.9871	24.584	22.239	82.242	5.3756	79.722
#1	.00219	.02162	.00056	-.00076	-.00014	.15301	-.00102
#2	-.00160	.02255	.00039	-.00105	-.00053	.16510	-.00367

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.21814	.11339	.00035	-.00204	.01496	-.00013
SDev	.00042	.12603	.00128	.00006	.00306	.00037	.00002
%RSD	76.898	57.776	1.1310	16.775	149.87	2.4825	18.238
#1	.00025	.12902	.11429	.00039	.00012	.01469	-.00011
#2	.00084	.30726	.11248	.00031	-.00420	.01522	-.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.01314	.00719	-.00124	.00252	-.00082
SDev	.00006	.00009	.00040	.00001	.00364	.00220
%RSD	136.50	.66623	5.5358	.40741	144.52	269.85
#1	.00000	.01320	.00747	-.00124	.00509	.00074
#2	.00009	.01308	.00690	-.00123	-.00006	-.00238

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37614	--	--	--	--	--	--
SDev	94.75231	--	--	--	--	--	--
%RSD	.2519070	--	--	--	--	--	--
#1	37681	--	--	--	--	--	--

#2	37547	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52347-a-1-c Operator: DCL
Run Time: 03/29/12 15:43:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12294	.00229	.00406	.00042	-.00072	-.00002	-.00001
SDev	.00235	.00068	.00003	.00000	.00001	.00025	.00005
%RSD	1.9130	29.816	.72079	.10084	.70108	1031.7	318.99
#1	.12128	.00278	.00408	.00042	-.00071	-.00020	-.00005
#2	.12460	.00181	.00404	.00042	-.00072	.00015	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18878	.00051	.00110	.00518	.11911	.00027	.00284
SDev	.00211	.00027	.00053	.00032	.00260	.00002	.00024
%RSD	1.1158	51.939	48.303	6.2230	2.1827	5.5501	8.5836
#1	.19027	.00033	.00148	.00495	.11727	.00026	.00301
#2	.18729	.00070	.00073	.00541	.12095	.00028	.00267

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	.01697	.00060	.00302	.09006	.09331	-.00214
SDev	.00076	.00144	.00002	.00032	.00043	.00951	.00011
%RSD	34.266	8.5023	3.1875	10.439	.47623	10.191	4.9496

#1	.00275	.01595	.00062	.00280	.09037	.08659	-.00206
#2	.00168	.01799	.00059	.00324	.08976	.10003	-.00221

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	.24475	.03736	.00021	-.00651	.01972	.00025
SDev	.00062	.18264	.00081	.00002	.00021	.00087	.00012
%RSD	63.301	74.622	2.1805	7.6766	3.2266	4.3942	48.913
#1	.00141	.37390	.03678	.00020	-.00666	.02033	.00016
#2	.00054	.11561	.03794	.00022	-.00637	.01910	.00033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66657	.02963	.00699	.00076	.00460	.00102
SDev	.00080	.00001	.00219	.00073	.00539	.00156
%RSD	.11971	.01542	31.333	95.522	117.17	153.41
#1	.66713	.02963	.00854	.00025	.00842	-.00009
#2	.66600	.02963	.00544	.00128	.00079	.00212

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37561	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.0865976	--	--	--	--	--	--

#1	37584	--	--	--	--	--	--
#2	37538	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52729-c-2-b Operator: DCL
Run Time: 03/29/12 15:47:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	223.23	.87571	.96551	3.0438	.36231	.94693	.39745
SDev	.53	.00196	.00212	.0064	.00017	.00136	.00016
%RSD	.23563	.22424	.22002	.20968	.04614	.14380	.04049
#1	223.60	.87432	.96701	3.0483	.36243	.94789	.39756
#2	222.86	.87709	.96401	3.0393	.36220	.94596	.39734

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1060.2	.91943	.81174	.93841	207.92	1.1771	.99441
SDev	.6	.00061	.00172	.00133	.21	.0034	.00025
%RSD	.05612	.06676	.21255	.14195	.10047	.28823	.02548
#1	1060.6	.91986	.81296	.93935	208.07	1.1795	.99423
#2	1059.7	.91899	.81052	.93746	207.78	1.1747	.99459

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76098	40.078	13.104	.80409	1.0003	42.669	8.1844
SDev	.00387	.008	.014	.00176	.0029	.108	.0127
%RSD	.50926	.02027	.10697	.21836	.29094	.25200	.15557
#1	.75824	40.084	13.114	.80285	1.0024	42.745	8.1934
#2	.76372	40.072	13.094	.80533	.99824	42.593	8.1754

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42302	12.043	14.288	4.0009	.88519	.78268	.96628
SDev	.00121	.191	.046	.0083	.00280	.00016	.00141
%RSD	.28528	1.5865	.32399	.20632	.31598	.02023	.14551
#1	.42387	12.178	14.320	4.0068	.88321	.78257	.96728
#2	.42217	11.908	14.255	3.9951	.88716	.78279	.96529

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2595	1.6499	.87055	1.0563	.68954	.79670
SDev	.0013	.0013	.00408	.0024	.00373	.00768
%RSD	.10252	.07747	.46848	.22901	.54080	.96367
#1	1.2604	1.6508	.87343	1.0546	.69218	.79127
#2	1.2586	1.6490	.86766	1.0581	.68690	.80213

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	41310	--	--	--	--	--	--
SDev	98.28784	--	--	--	--	--	--
%RSD	.2379304	--	--	--	--	--	--
#1	41240	--	--	--	--	--	--
#2	41379	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 15:51:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4529	.53053	.52155	.53200	.45241	.52528	.54401
SDev	.0157	.00110	.00525	.00076	.00103	.00001	.00071
%RSD	.63948	.20680	1.0071	.14330	.22793	.00196	.13048
#1	2.4639	.53131	.52526	.53254	.45314	.52529	.54452
#2	2.4418	.52975	.51783	.53147	.45168	.52527	.54351

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.404	.46343	.45730	.45452	2.6289	.50294	.49640
SDev	.048	.00095	.00020	.00127	.0012	.00170	.00003
%RSD	.39070	.20502	.04467	.27986	.04526	.33849	.00679

#1	12.438	.46410	.45744	.45542	2.6281	.50415	.49642
#2	12.370	.46276	.45715	.45362	2.6298	.50174	.49638

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48911	4.6988	.47083	.50961	.49230	13.496	.92865
SDev	.00380	.0140	.00103	.00089	.00142	.027	.00398
%RSD	.77661	.29851	.21851	.17404	.28802	.20279	.42850
#1	.48643	4.7087	.47155	.50899	.49330	13.516	.93147
#2	.49180	4.6889	.47010	.51024	.49129	13.477	.92584

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24473	12.605	12.688	.26743	.56558	.48574	.50377
SDev	.00055	.138	.076	.00043	.00303	.00188	.00099
%RSD	.22625	1.0958	.59594	.15970	.53502	.38740	.19588
#1	.24512	12.507	12.741	.26773	.56344	.48707	.50446
#2	.24433	12.703	12.634	.26713	.56772	.48441	.50307

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47694	.52998	.44070	.52425	.44115	.51315
SDev	.00058	.00124	.00074	.00032	.00337	.00401
%RSD	.12213	.23425	.16823	.06107	.76375	.78203
#1	.47735	.53086	.44122	.52402	.43877	.51031
#2	.47653	.52910	.44017	.52448	.44354	.51599

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36990	--	--	--	--	--	--
SDev	110.3087	--	--	--	--	--	--
%RSD	.2982121	--	--	--	--	--	--
#1	37068	--	--	--	--	--	--
#2	36912	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 15:55:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11312	.00262	.00018	.00004	-.00119	.00152	.00021
SDev	.00194	.00188	.00003	.00004	.00001	.00041	.00010
%RSD	1.7142	71.825	17.802	97.152	.47554	26.749	44.738
#1	.11175	.00395	.00016	.00001	-.00119	.00181	.00028
#2	.11450	.00129	.00021	.00006	-.00120	.00123	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00783	-.00005	.00017	-.00382	.01453	.00071	.00083
SDev	.00228	.00017	.00020	.00020	.01212	.00001	.00127
%RSD	29.057	372.11	121.92	5.2909	83.401	1.1540	152.39
#1	-.00944	-.00017	.00002	-.00368	.00596	.00071	-.00006
#2	-.00622	.00008	.00031	-.00397	.02310	.00072	.00173

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00115	.04587	.00005	.00141	-.00048	.28643	-.01036
SDev	.00326	.00266	.00002	.00212	.00040	.01123	.00032
%RSD	282.87	5.7922	43.671	150.68	84.635	3.9210	3.1332
#1	.00115	.04399	.00003	.00291	-.00076	.27849	-.01059
#2	-.00346	.04775	.00006	-.00009	-.00019	.29437	-.01013

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.13298	.01630	.00002	.00472	.00095	-.00005
SDev	.00015	.00592	.00034	.00001	.00150	.00006	.00006
%RSD	20.072	4.4499	2.1127	44.178	31.805	5.7874	122.88
#1	.00066	.12879	.01605	.00001	.00366	.00099	-.00009
#2	.00087	.13716	.01654	.00003	.00578	.00091	-.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00102	.00475	-.00113	.00385	-.00366
SDev	.00016	.00008	.00171	.00104	.00333	.00323
%RSD	97.961	8.1345	36.042	92.282	86.472	88.423
#1	-.00005	-.00108	.00354	-.00187	.00620	-.00137
#2	-.00027	-.00096	.00597	-.00039	.00150	-.00594

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36328	--	--	--	--	--	--
SDev	26.16295	--	--	--	--	--	--
%RSD	.0720177	--	--	--	--	--	--
#1	36347	--	--	--	--	--	--
#2	36310	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52729-c-2-b@5 Operator: DCL
Run Time: 03/29/12 15:59:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.323	.00418	.03117	.52666	.00183	.01849	-.00022
SDev	.067	.00127	.00036	.00080	.00000	.00012	.00017

%RSD	.13133	30.455	1.1479	.15271	.11747	.66358	78.690
#1	51.371	.00508	.03092	.52723	.00183	.01857	-.00010
#2	51.276	.00328	.03142	.52610	.00183	.01840	-.00035

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	340.37	.05073	.02964	.03419	49.629	.03038	.05848
SDev	.60	.00013	.00006	.00023	.054	.00007	.00086
%RSD	.17665	.26396	.19000	.68356	.10811	.23980	1.4764
#1	340.79	.05083	.02968	.03436	49.667	.03043	.05787
#2	339.94	.05064	.02960	.03402	49.591	.03033	.05909

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00795	8.2841	3.2172	-.00063	.06740	6.3170	1.7608
SDev	.00155	.0176	.0045	.00044	.00038	.0175	.0007
%RSD	19.446	.21270	.14131	69.294	.57012	.27732	.04005
#1	-.00685	8.2966	3.2204	-.00032	.06767	6.3294	1.7613
#2	-.00904	8.2717	3.2140	-.00094	.06713	6.3046	1.7603

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.57990	.55507	.81216	.00386	.00838	.04218
SDev	.00017	.04307	.00174	.00117	.00183	.00057	.00004
%RSD	71.849	7.4272	.31425	.14403	47.480	6.7833	.09478
#1	-.00012	.61036	.55631	.81299	.00515	.00798	.04221
#2	-.00037	.54945	.55384	.81134	.00256	.00878	.04215

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12639	.20318	.05246	.06149	-.00474	-.00955
SDev	.00024	.00027	.00093	.00176	.00178	.00143
%RSD	.19360	.13122	1.7643	2.8587	37.524	14.956

#1	.12656	.20337	.05311	.06024	-.00348	-.00854
#2	.12622	.20300	.05180	.06273	-.00600	-.01056

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36472	--	--	--	--	--	--
SDev	108.1873	--	--	--	--	--	--
%RSD	.2966272	--	--	--	--	--	--
#1	36396	--	--	--	--	--	--
#2	36549	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 16:03:06
Comment: TRACE 61E

Analysis Report 03/29/12 04:06:54 PM page 41

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4913	.53859	.52678	.54004	.45639	.53294	.55685
SDev	.0143	.00281	.00439	.00279	.00302	.00162	.00327
%RSD	.57400	.52124	.83420	.51663	.66227	.30318	.58658
#1	2.5014	.54057	.52989	.54202	.45853	.53409	.55916
#2	2.4812	.53660	.52367	.53807	.45426	.53180	.55454

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.579	.46952	.46373	.45766	2.6764	.51047	.50522
SDev	.104	.00359	.00295	.00311	.0376	.00230	.00350
%RSD	.82930	.76489	.63649	.68034	1.4066	.45033	.69199
#1	12.653	.47206	.46582	.45986	2.7030	.51209	.50769
#2	12.506	.46698	.46164	.45545	2.6497	.50884	.50275

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50015	4.7925	.47837	.51857	.50818	13.755	.93718
SDev	.00407	.0419	.00302	.00012	.00303	.084	.00692
%RSD	.81366	.87531	.63111	.02312	.59620	.60889	.73800
#1	.50302	4.8222	.48050	.51866	.51032	13.814	.94207
#2	.49727	4.7628	.47623	.51849	.50603	13.696	.93229

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24756	12.742	12.859	.27190	.57340	.49652	.51033
SDev	.00159	.323	.038	.00153	.00219	.00533	.00337
%RSD	.64302	2.5353	.29786	.56273	.38160	1.0738	.65979
#1	.24869	12.970	12.886	.27298	.57185	.50029	.51271
#2	.24644	12.513	12.832	.27082	.57494	.49275	.50795

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.48272	.53853	.44889	.53339	.45345	.52355
SDev	.00358	.00279	.00397	.00326	.00514	.00353
%RSD	.74050	.51800	.88482	.61085	1.1340	.67494
#1	.48525	.54050	.45170	.53569	.45708	.52605
#2	.48019	.53656	.44608	.53108	.44981	.52105

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36211	--	--	--	--	--	--
SDev	203.6468	--	--	--	--	--	--
%RSD	.5623892	--	--	--	--	--	--
#1	36067	--	--	--	--	--	--
#2	36355	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 16:06:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11966	.00236	.00086	.00009	-.00120	.00171	.00003
SDev	.00303	.00235	.00108	.00002	.00001	.00009	.00011
%RSD	2.5345	99.639	125.35	18.760	.47446	5.1099	337.50
#1	.11751	.00070	.00010	.00010	-.00119	.00178	.00011
#2	.12180	.00402	.00162	.00007	-.00120	.00165	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00971	.00006	.00015	-.00358	.01729	.00075	.00109
SDev	.00070	.00032	.00040	.00053	.01599	.00015	.00041
%RSD	7.2120	524.44	272.44	14.867	92.474	20.141	37.295
#1	-.01020	-.00017	.00043	-.00395	.02859	.00086	.00137
#2	-.00921	.00029	-.00014	-.00320	.00598	.00065	.00080

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00148	.04921	.00010	.00082	-.00074	.30653	-.01117
SDev	.00086	.00848	.00006	.00102	.00019	.05785	.00036
%RSD	58.293	17.237	57.795	124.15	25.072	18.872	3.2630
#1	-.00087	.05521	.00006	.00155	-.00061	.34743	-.01143
#2	-.00209	.04321	.00015	.00010	-.00087	.26562	-.01091

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.03451	.01722	.00004	-.00002	.00081	-.00005
SDev	.00038	.14975	.00513	.00001	.00398	.00080	.00003
%RSD	98.423	433.89	29.804	16.290	21694.	98.875	51.098
#1	.00065	.14041	.02085	.00004	.00279	.00024	-.00007
#2	.00012	-.07138	.01359	.00005	-.00283	.00137	-.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	-.00114	.00339	-.00006	-.00131	-.00157
SDev	.00012	.00034	.00082	.00102	.00008	.00134
%RSD	179.78	29.529	24.163	1649.1	6.2296	85.279
#1	-.00016	-.00138	.00281	.00066	-.00137	-.00062
#2	.00002	-.00090	.00397	-.00078	-.00125	-.00251

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36329	--	--	--	--	--	--

Analysis Report 03/29/12 04:10:45 PM page 43

SDev	264.4579	--	--	--	--	--	--
%RSD	.7279527	--	--	--	--	--	--
#1	36142	--	--	--	--	--	--
#2	36516	--	--	--	--	--	--

Analysis Report 03/29/12 05:01:38 PM page 1

Method: 20076010 Sample Name: MB SAR Operator: DCL
Run Time: 03/29/12 16:57:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13052	-.00093	.00218	.00011	-.00136	.00054	.00008
SDev	.00072	.00204	.00213	.00009	.00007	.00113	.00005
%RSD	.55475	219.94	97.680	80.132	5.3327	208.84	69.232
#1	.13001	.00052	.00067	.00018	-.00131	.00134	.00012
#2	.13103	-.00238	.00368	.00005	-.00141	-.00026	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00983	.00006	.00066	-.00375	.01119	.00059	.00046
SDev	.00204	.00025	.00003	.00016	.01600	.00001	.00093
%RSD	20.747	424.08	4.5920	4.1483	143.02	.82354	203.02
#1	-.00839	.00024	.00068	-.00364	.02250	.00059	.00112
#2	-.01127	-.00012	.00064	-.00386	-.00013	.00059	-.00020

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00213	.04616	.00025	-.00056	.00017	.32546	-.01349
SDev	.00096	.00117	.00002	.00012	.00073	.00038	.00009
%RSD	45.001	2.5343	8.9571	20.400	434.65	.11707	.65803
#1	-.00281	.04533	.00023	-.00048	.00068	.32519	-.01343
#2	-.00145	.04698	.00026	-.00065	-.00035	.32573	-.01356

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.03024	.04447	.00003	.00331	.00068	.00028

SDev	.00064	.19801	.00010	.00001	.00314	.00192	.00008
%RSD	128.45	654.89	.21834	28.337	95.039	280.81	27.233
#1	.00094	.17025	.04440	.00003	.00553	.00204	.00034
#2	.00005	-.10978	.04454	.00002	.00109	-.00067	.00023

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00048	.00156	-.00009	.01097	-.00868
SDev	.00007	.00001	.00393	.00336	.00249	.00019
%RSD	16.053	3.1275	251.40	3695.9	22.713	2.2156
#1	.00039	-.00049	-.00122	.00229	.00921	-.00881
#2	.00049	-.00047	.00434	-.00247	.01273	-.00854

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36686	--	--	--	--	--	--
SDev	224.8599	--	--	--	--	--	--
%RSD	.6129313	--	--	--	--	--	--

#1	36845	--	--	--	--	--
#2	36527	--	--	--	--	--

Method: 20076010 Sample Name: 52174-1 SAR Operator: DCL
Run Time: 03/29/12 17:01:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19555	.00185	.00151	.01311	-.00143	.00150	.00001
SDev	.00003	.00083	.00103	.00018	.00001	.00046	.00007
%RSD	.01336	45.114	67.775	1.4039	.89220	30.629	781.11
#1	.19557	.00126	.00224	.01324	-.00144	.00183	.00006
#2	.19554	.00244	.00079	.01298	-.00142	.00118	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.254	-.00056	.00058	-.00177	.09230	.00033	.00215
SDev	.033	.00027	.00020	.00025	.00679	.00011	.00023
%RSD	.16304	49.443	34.760	14.045	7.3537	33.529	10.906
#1	20.231	-.00036	.00044	-.00160	.09710	.00025	.00232
#2	20.278	-.00075	.00072	-.00195	.08750	.00041	.00199

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00246	1.1507	.11828	-.00064	.00176	.28004	.12005
SDev	.00071	.0102	.00002	.00032	.00007	.03361	.00025
%RSD	28.981	.88476	.02028	49.688	3.9769	12.000	.20781
#1	-.00196	1.1435	.11827	-.00087	.00171	.25628	.11987
#2	-.00297	1.1579	.11830	-.00042	.00181	.30381	.12022

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	6.6035	6.1730	.05032	-.00143	.00107	.00114
SDev	.00031	.1411	.0788	.00012	.00181	.00048	.00025
%RSD	46.612	2.1373	1.2768	.23279	127.11	44.848	22.410
#1	.00087	6.7033	6.2287	.05040	-.00271	.00141	.00096
#2	.00044	6.5037	6.1173	.05024	-.00014	.00073	.00132

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.02413	.00662	-.00008	.00008	-.00373
SDev	.00013	.00374	.00173	.00051	.00361	.00287
%RSD	47.977	15.512	26.165	642.77	4739.7	76.964
#1	-.00018	.02148	.00784	-.00044	-.00247	-.00170
#2	-.00037	.02678	.00539	.00028	.00262	-.00576

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36526	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.2613501	--	--	--	--	--	--
#1	36593	--	--	--	--	--	--
#2	36458	--	--	--	--	--	--

Method: 20076010 Sample Name: 52174-2 SAR Operator: DCL
Run Time: 03/29/12 17:05:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39745	.00002	.00193	.02061	-.00137	.00115	-.00004
SDev	.00063	.00037	.00257	.00010	.00001	.00003	.00021
%RSD	.15720	1887.0	133.53	.46497	.37774	2.2629	526.65
#1	.39789	-.00024	.00375	.02067	-.00136	.00114	.00011
#2	.39701	.00028	.00011	.02054	-.00137	.00117	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5417	-.00022	.00078	.00055	.18321	.00077	.00326
SDev	.0430	.00035	.00032	.00025	.01833	.00005	.00044
%RSD	.45046	161.80	41.820	44.984	10.003	6.7747	13.612
#1	9.5721	-.00046	.00101	.00072	.19617	.00074	.00357
#2	9.5113	.00003	.00055	.00037	.17025	.00081	.00295

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00370	.69894	.04343	-.00068	.00063	.44685	.43312
SDev	.00269	.00208	.00018	.00047	.00016	.03730	.00263
%RSD	72.743	.29730	.41278	68.616	25.840	8.3482	.60811

#1	-.00180	.69747	.04355	-.00101	.00052	.42047	.43498
#2	-.00560	.70041	.04330	-.00035	.00075	.47323	.43126

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	6.0694	5.6953	.02980	-.00244	.00151	.01666
SDev	.00052	.1809	.0427	.00012	.00346	.00064	.00009
%RSD	65.555	2.9807	.75035	.39095	142.04	42.267	.54971

#1	.00116	6.1973	5.7255	.02988	.00001	.00106	.01660
#2	.00043	5.9415	5.6650	.02972	-.00489	.00196	.01673

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.02196	.00631	.00173	.00183	-.00646
SDev	.00042	.00003	.00164	.00016	.00119	.00344
%RSD	60.061	.14261	26.019	8.9717	64.866	53.278

#1	.00040	.02198	.00747	.00162	.00267	-.00403

#2	.00100	.02193	.00515	.00184	.00099	-.00890

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35668	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.3072869	--	--	--	--	--	--

#1	35745	--	--	--	--	--	--
#2	35590	--	--	--	--	--	--

Method: 20076010 Sample Name: 52174-3 SAR Operator: DCL
Run Time: 03/29/12 17:09:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18082	.00255	.00143	.01008	-.00142	.00192	-.00007
SDev	.00017	.00371	.00098	.00005	.00001	.00026	.00005
%RSD	.09489	145.83	68.296	.52094	.52670	13.307	73.926

#1	.18094	.00517	.00212	.01011	-.00143	.00174	-.00003
#2	.18070	-.00008	.00074	.01004	-.00142	.00210	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.438	.00006	.00042	-.00196	.04366	.00079	.00229
SDev	.025	.00000	.00018	.00021	.01654	.00007	.00074
%RSD	.14515	2.7487	42.070	10.673	37.874	8.2954	32.193

#1	17.456	.00006	.00054	-.00211	.05536	.00084	.00177
#2	17.420	.00006	.00029	-.00181	.03197	.00075	.00281

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00152	1.1013	.02615	-.00057	.00027	.52653	.10914
SDev	.00155	.0070	.00004	.00007	.00032	.04794	.00051

%RSD	101.96	.63657	.15684	12.347	116.19	9.1051	.46583
#1	-.00262	1.1063	.02618	-.00052	.00049	.56043	.10950
#2	-.00043	1.0964	.02612	-.00062	.00005	.49263	.10878

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	6.2408	5.9050	.04685	-.00241	.00115	.00123
SDev	.00039	.0626	.0307	.00006	.00307	.00123	.00023
%RSD	88.656	1.0036	.52039	.12580	127.30	106.67	18.899
#1	.00072	6.2850	5.8833	.04689	-.00458	.00203	.00139
#2	.00016	6.1965	5.9268	.04681	-.00024	.00028	.00107

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.02772	.00566	.00060	.00105	-.00281

SDev	.00021	.00045	.00014	.00103	.00206	.00336
%RSD	292.82	1.6223	2.4879	171.64	195.12	119.43
#1	.00022	.02804	.00556	-.00013	.00251	-.00519
#2	-.00008	.02740	.00576	.00133	-.00040	-.00044

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35268	--	--	--	--	--	--
SDev	225.5671	--	--	--	--	--	--
%RSD	.6395709	--	--	--	--	--	--
#1	35109	--	--	--	--	--	--
#2	35428	--	--	--	--	--	--

Method: 20076010 Sample Name: 52174-4 SAR Operator: DCL
Run Time: 03/29/12 17:13:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16009	.00155	.00419	.01464	-.00142	.00081	-.00007
SDev	.00993	.00174	.00004	.00052	.00003	.00080	.00001
%RSD	6.2019	111.83	1.0038	3.5709	2.1622	98.130	12.648
#1	.16711	.00278	.00422	.01501	-.00144	.00138	-.00008
#2	.15307	.00033	.00416	.01427	-.00140	.00025	-.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.7216	.00005	-.00001	-.00262	.02542	.00059	.00119
SDev	.2382	.00051	.00011	.00105	.00577	.00026	.00069
%RSD	3.0848	1068.5	1148.6	40.228	22.684	44.132	57.741
#1	7.8900	.00041	-.00009	-.00188	.02134	.00078	.00168
#2	7.5532	-.00031	.00007	-.00337	.02950	.00041	.00071

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00125	.51995	.04404	-.00125	.00508	.35070	.08995
SDev	.00113	.03274	.00125	.00091	.00016	.13739	.00725
%RSD	90.775	6.2966	2.8307	72.315	3.1442	39.177	8.0554
#1	-.00205	.54310	.04492	-.00190	.00497	.44785	.09507
#2	-.00045	.49680	.04315	-.00061	.00520	.25355	.08482

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	3.6846	3.4850	.02160	-.00257	.00164	.00023
SDev	.00018	.0367	.0880	.00064	.00060	.00047	.00013
%RSD	232.67	.99566	2.5258	2.9850	23.385	28.574	54.733
#1	.00005	3.7106	3.5472	.02206	-.00215	.00198	.00032
#2	-.00021	3.6587	3.4227	.02114	-.00300	.00131	.00014

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00933	.00118	.00120	-.00007	-.00184
SDev	.00048	.00070	.00012	.00109	.00941	.00301
%RSD	737.65	7.4630	10.110	91.279	13451.	163.73
#1	.00040	.00982	.00110	.00197	-.00672	.00029
#2	-.00027	.00883	.00127	.00042	.00658	-.00396

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35930	--	--	--	--	--	--
SDev	898.0256	--	--	--	--	--	--
%RSD	2.499376	--	--	--	--	--	--
#1	35295	--	--	--	--	--	--
#2	36565	--	--	--	--	--	--

Method: 20076010 Sample Name: 52174-5 SAR Operator: DCL
Run Time: 03/29/12 17:17:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17059	.00041	.00051	.00789	-.00148	.00163	-.00000
SDev	.00268	.00439	.00180	.00001	.00000	.00042	.00003
%RSD	1.5728	1060.5	354.54	.08718	.22420	25.810	2247.0
#1	.16870	-.00269	-.00077	.00789	-.00148	.00133	-.00002
#2	.17249	.00352	.00178	.00788	-.00149	.00193	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.611	.00002	.00004	-.00307	.02993	.00072	.00110
SDev	.045	.00037	.00012	.00060	.02039	.00001	.00075
%RSD	.22784	1836.9	315.83	19.468	68.137	.71870	68.157
#1	19.643	-.00024	-.00005	-.00349	.01551	.00073	.00163
#2	19.579	.00028	.00012	-.00265	.04435	.00072	.00057

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00198	1.3224	.02679	-.00027	.00055	.47470	.12307
SDev	.00003	.0048	.00010	.00040	.00029	.00423	.00159
%RSD	1.4079	.36061	.38627	151.17	52.853	.89096	1.2905
#1	-.00200	1.3258	.02672	.00002	.00035	.47769	.12194
#2	-.00196	1.3190	.02686	-.00055	.00076	.47171	.12419

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	6.0005	5.7382	.05265	-.00492	.00098	.00085
SDev	.00037	.0280	.0073	.00005	.00181	.00135	.00001

%RSD	87.494	.46737	.12752	.10144	36.867	138.23	1.5312
#1	.00016	6.0204	5.7434	.05269	-.00621	.00002	.00084
#2	.00068	5.9807	5.7330	.05261	-.00364	.00193	.00086

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	.02130	.00533	-.00101	.00196	-.00395
SDev	.00041	.00073	.00039	.00132	.00244	.00126
%RSD	560.73	3.4179	7.3793	130.87	124.34	31.859
#1	-.00037	.02182	.00505	-.00008	.00368	-.00484
#2	.00022	.02079	.00561	-.00195	.00024	-.00306

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35300	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.1642571	--	--	--	--	--	--
#1	35259	--	--	--	--	--	--
#2	35341	--	--	--	--	--	--

Method: 20076010 Sample Name: 52174-6 SAR Operator: DCL
Run Time: 03/29/12 17:20:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16617	.00286	.00265	.01094	-.00146	.00194	-.00009
SDev	.00684	.00032	.00053	.00017	.00003	.00039	.00007
%RSD	4.1158	11.125	20.187	1.5707	2.2929	20.130	79.444
#1	.17100	.00264	.00303	.01106	-.00148	.00222	-.00004
#2	.16133	.00309	.00227	.01082	-.00143	.00166	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.404	-.00000	.00052	-.00282	.04679	.00093	.00113
SDev	.429	.00013	.00051	.00003	.01192	.00015	.00059
%RSD	1.5664	12295.	97.238	1.1561	25.485	15.481	51.859
#1	27.707	.00009	.00088	-.00280	.05522	.00104	.00072

#2	27.100	-.00009	.00016	-.00285	.03836	.00083	.00155

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00261	2.1164	.19934	-.00141	-.00027	.63322	.10499
SDev	.00049	.0413	.00295	.00040	.00046	.08976	.00232
%RSD	18.697	1.9513	1.4791	28.409	169.13	14.175	2.2072
#1	-.00295	2.1456	.20143	-.00169	.00005	.69669	.10662
#2	-.00226	2.0872	.19726	-.00112	-.00060	.56975	.10335

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	6.4760	6.1549	.07668	-.00223	.00115	.00067
SDev	.00063	.2078	.0479	.00106	.00052	.00023	.00009
%RSD	324.44	3.2093	.77788	1.3814	23.444	20.015	12.982
#1	.00064	6.6230	6.1887	.07743	-.00186	.00132	.00073
#2	-.00025	6.3291	6.1210	.07593	-.00260	.00099	.00061

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.01237	.00313	.00013	.00302	-.00542
SDev	.00021	.00007	.00140	.00018	.00078	.00112
%RSD	126.76	.53757	44.901	133.47	25.788	20.670
#1	.00032	.01242	.00213	.00001	.00357	-.00621
#2	.00002	.01232	.00412	.00026	.00247	-.00463

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34840	--	--	--	--	--	--
SDev	533.8656	--	--	--	--	--	--
%RSD	1.532357	--	--	--	--	--	--
#1	34462	--	--	--	--	--	--
#2	35217	--	--	--	--	--	--

Method: 20076010 Sample Name: 52174-7 SAR Operator: DCL
Run Time: 03/29/12 17:24:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17340	-.00036	.00059	.01674	-.00146	.00240	-.00001
SDev	.00035	.00168	.00014	.00007	.00001	.00033	.00012
%RSD	.20344	462.46	24.021	.41448	.47819	13.712	1123.1
#1	.17315	.00083	.00069	.01679	-.00145	.00216	.00007
#2	.17365	-.00155	.00049	.01669	-.00146	.00263	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2145	-.00037	.00021	-.00281	.05094	.00070	.00212
SDev	.0242	.00039	.00042	.00046	.00906	.00003	.00078
%RSD	.46330	105.68	198.19	16.350	17.793	4.1217	36.706

#1	5.2316	-.00064	.00051	-.00314	.05735	.00068	.00268
#2	5.1975	-.00009	-.00008	-.00249	.04453	.00072	.00157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00233	.43148	.01540	-.00092	-.00059	.43334	.11325
SDev	.00111	.00111	.00011	.00033	.00034	.00592	.00028
%RSD	47.609	.25787	.68681	36.078	58.386	1.3668	.24283

Analysis Report 03/29/12 05:28:37 PM page 9

#1	-.00311	.43226	.01547	-.00068	-.00083	.42915	.11345
#2	-.00154	.43069	.01532	-.00115	-.00035	.43753	.11306

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	3.6607	3.4269	.01774	-.00214	.00198	.00176
SDev	.00039	.0349	.0138	.00006	.00056	.00043	.00010
%RSD	62.611	.95322	.40367	.31410	26.134	21.986	5.8749

#1	.00091	3.6854	3.4367	.01778	-.00254	.00228	.00183
#2	.00035	3.6361	3.4171	.01770	-.00175	.00167	.00169

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.02140	.00531	.00053	.00124	-.00411
SDev	.00007	.00072	.00023	.00105	.00345	.00006
%RSD	101.12	3.3779	4.3375	198.08	277.69	1.4896

#1	.00002	.02089	.00547	.00128	-.00120	-.00407
#2	.00011	.02191	.00515	-.00021	.00368	-.00415

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35496	--	--	--	--	--	--
SDev	94.04520	--	--	--	--	--	--
%RSD	.2649422	--	--	--	--	--	--

#1	35563	--	--	--	--	--	--
#2	35430	--	--	--	--	--	--

Method: 20076010 Sample Name: 52174-8 SAR Operator: DCL
Run Time: 03/29/12 17:28:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16831	.00053	.00071	.01140	-.00152	.00156	-.00008
SDev	.00880	.00030	.00263	.00038	.00010	.00033	.00008
%RSD	5.2303	57.220	368.60	3.3614	6.2878	21.084	102.59

#1	.16209	.00032	.00257	.01113	-.00146	.00179	-.00014
#2	.17454	.00074	-.00115	.01167	-.00159	.00133	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.770	-.00029	-.00025	-.00319	.01092	.00091	.00225

SDev	.461	.00035	.00053	.00051	.00919	.00031	.00020
%RSD	4.2836	120.51	212.51	15.960	84.129	33.946	8.8027
#1	10.444	-.00004	.00013	-.00283	.01742	.00070	.00239
#2	11.096	-.00053	-.00063	-.00355	.00442	.00113	.00211
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 03/29/12 05:32:29 PM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00394	.74675	.02439	-.00183	-.00049	.56076	.07175
SDev	.00110	.04855	.00095	.00010	.00015	.16861	.00456
%RSD	27.858	6.5015	3.9107	5.5298	30.192	30.067	6.3557
#1	-.00472	.71242	.02371	-.00176	-.00060	.44154	.06853
#2	-.00316	.78108	.02506	-.00190	-.00039	.67999	.07498
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	3.7306	3.7217	.02928	-.00411	-.00091	.00033
SDev	.00034	.1221	.1495	.00124	.00263	.00056	.00017
%RSD	130.42	3.2722	4.0183	4.2254	63.953	61.158	50.574
#1	-.00002	3.6443	3.6159	.02841	-.00225	-.00130	.00045
#2	-.00050	3.8170	3.8274	.03016	-.00597	-.00052	.00021
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	-.00009	.01652	.00337	.00169	-.00024	-.00579	
SDev	.00042	.00148	.00074	.00007	.00223	.00053	
%RSD	458.84	8.9449	21.995	4.3748	935.05	9.2010	
#1	.00021	.01548	.00390	.00164	-.00181	-.00617	
#2	-.00039	.01757	.00285	.00174	.00134	-.00541	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34526	--	--	--	--	--	--
SDev	1286.934	--	--	--	--	--	--
%RSD	3.727435	--	--	--	--	--	--
#1	35436	--	--	--	--	--	--
#2	33616	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0312ccv_00007 Operator: DCL
Run Time: 03/29/12 17:32:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5282	.54850	.52566	.54680	.43733	.53731	.56320
SDev	.0106	.00449	.00316	.00205	.00135	.00196	.00168
%RSD	.41985	.81848	.60119	.37508	.30838	.36556	.29747
#1	2.5357	.55168	.52790	.54825	.43828	.53870	.56439
#2	2.5207	.54533	.52343	.54535	.43637	.53592	.56202

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.367	.46117	.45971	.44644	2.6687	.52821	.50540
SDev	.042	.00209	.00164	.00192	.0106	.00150	.00159
%RSD	.33939	.45318	.35636	.42997	.39586	.28361	.31411

#1	12.396	.46265	.46087	.44779	2.6613	.52927	.50652
#2	12.337	.45969	.45855	.44508	2.6762	.52715	.50428

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49474	4.7102	.47813	.50983	.53220	14.177	.93000
SDev	.00110	.0170	.00165	.00184	.00376	.021	.00244
%RSD	.22263	.35989	.34460	.36134	.70627	.15109	.26184
#1	.49396	4.7222	.47930	.50853	.53486	14.192	.93172
#2	.49552	4.6982	.47697	.51113	.52954	14.162	.92828

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24401	13.103	13.407	.27518	.58179	.49590	.50636
SDev	.00101	.017	.046	.00092	.00144	.00011	.00164
%RSD	.41338	.12938	.33970	.33550	.24793	.02308	.32428
#1	.24473	13.115	13.439	.27583	.58077	.49582	.50752
#2	.24330	13.091	13.375	.27452	.58281	.49599	.50520

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47493	.53656	.44587	.53517	.44338	.52047
SDev	.00130	.00187	.00016	.00246	.00431	.00050
%RSD	.27481	.34879	.03592	.45992	.97243	.09679
#1	.47585	.53789	.44575	.53691	.44033	.52083
#2	.47400	.53524	.44598	.53343	.44643	.52012

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35499	--	--	--	--	--	--
SDev	21.21320	--	--	--	--	--	--
%RSD	.0597572	--	--	--	--	--	--
#1	35484	--	--	--	--	--	--
#2	35514	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 03/29/12 17:36:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15179	.00090	.00166	.00012	-.00143	.00043	.00001
SDev	.00409	.00340	.00332	.00017	.00006	.00172	.00004
%RSD	2.6960	378.28	199.26	146.36	4.0671	400.64	398.40

#1	.15468	.00330	.00401	.00024	-.00139	.00165	-.00002
#2	.14890	-.00151	-.00068	-.00000	-.00148	-.00079	.00004

Analysis Report 03/29/12 05:40:11 PM page 12

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00792	.00002	.00000	-.00420	.01128	.00067	.00138
SDev	.00100	.00065	.00018	.00054	.00562	.00017	.00025
%RSD	12.664	3373.0	4105.0	12.922	49.758	25.944	17.789
#1	-.00721	.00048	.00013	-.00382	.01525	.00079	.00121
#2	-.00863	-.00044	-.00012	-.00459	.00731	.00055	.00155

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00507	.04407	.00009	-.00013	-.00074	.28566	-.01163
SDev	.00149	.01167	.00004	.00191	.00070	.07161	.00402
%RSD	29.336	26.472	44.786	1423.5	93.992	25.069	34.584
#1	-.00402	.05232	.00012	.00121	-.00025	.33629	-.00879
#2	-.00612	.03582	.00006	-.00148	-.00123	.23502	-.01448

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.06646	.01634	.00006	.00209	.00148	-.00008
SDev	.00000	.24899	.00619	.00006	.00318	.00087	.00023
%RSD	.39456	374.63	37.889	101.47	151.96	58.970	309.54
#1	.00032	-.10960	.02072	.00010	.00434	.00086	.00009
#2	.00032	.24252	.01196	.00002	-.00016	.00210	-.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00078	.00543	-.00064	-.00089	-.00716
SDev	.00064	.00001	.00706	.00316	.00414	.00430
%RSD	875.13	1.8718	129.96	490.33	467.98	60.057
#1	.00053	-.00077	.00044	.00159	-.00381	-.00412
#2	-.00038	-.00079	.01042	-.00288	.00204	-.01021

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35606	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.1747610	--	--	--	--	--	--
#1	35562	--	--	--	--	--	--
#2	35650	--	--	--	--	--	--

Analysis Report 03/29/12 06:07:40 PM page 1

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 03/29/12 18:03:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	475.67	.00369	.00123	.00183	-.00172	-.00227	-.00713
SDev	1.14	.00296	.00081	.00001	.00001	.00092	.00004
%RSD	.24067	80.224	65.860	.25839	.58081	40.312	.57646
#1	474.86	.00578	.00066	.00184	-.00171	-.00163	-.00710
#2	476.48	.00160	.00180	.00183	-.00172	-.00292	-.00716

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	437.43	.00117	-.00044	.00852	196.32	.00544	.00251
SDev	.20	.00053	.00082	.00067	.06	.00003	.00186
%RSD	.04553	45.167	184.11	7.9017	.03017	.56064	74.285
#1	437.57	.00155	.00013	.00899	196.28	.00546	.00119
#2	437.29	.00080	-.00102	.00804	196.36	.00542	.00383

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01791	471.81	-.00674	-.00256	.00002	.45517	-.00175
SDev	.00109	.49	.00001	.00067	.00047	.02436	.00026
%RSD	6.1081	.10394	.12156	26.317	2960.3	5.3513	15.068
#1	-.01869	471.47	-.00675	-.00208	.00035	.47240	-.00193
#2	-.01714	472.16	-.00673	-.00303	-.00032	.43795	-.00156

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00094	.20662	.22068	-.00838	.03179	-.00604	-.00374
SDev	.00086	.11331	.00026	.00002	.00175	.00017	.00001
%RSD	91.561	54.842	.11930	.25150	5.5170	2.8530	.13982
#1	-.00033	.28674	.22087	-.00839	.03303	-.00592	-.00374
#2	-.00155	.12649	.22049	-.00836	.03055	-.00617	-.00374

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00557	-.00742	-.00483	.00618	.00476	-.02925
SDev	.00017	.00042	.00099	.00329	.00445	.00387
%RSD	3.1344	5.6073	20.495	53.258	93.497	13.217
#1	.00570	-.00771	-.00413	.00385	.00790	-.03198
#2	.00545	-.00713	-.00553	.00851	.00161	-.02651

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32090	--	--	--	--	--	--
SDev	79.90307	--	--	--	--	--	--
%RSD	.2490006	--	--	--	--	--	--

Analysis Report 03/29/12 06:07:40 PM page 2

#1	32033	--	--	--	--	--	--
#2	32146	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 03/29/12 18:07:43
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	492.60	1.1582	1.0829	1.1484	.43278	1.1401	.52864
SDev	.70	.0025	.0022	.0019	.00068	.0013	.00109
%RSD	.14296	.21261	.20650	.16425	.15820	.11681	.20651
#1	493.09	1.1565	1.0845	1.1497	.43327	1.1411	.52941
#2	492.10	1.1599	1.0813	1.1471	.43230	1.1392	.52787

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	450.41	.91446	.88178	.97521	209.78	1.3601	1.0062
SDev	.77	.00079	.00107	.00129	.31	.0012	.0048
%RSD	.17163	.08681	.12135	.13276	.14968	.08992	.48028
#1	450.95	.91502	.88253	.97613	210.00	1.3609	1.0096
#2	449.86	.91390	.88102	.97430	209.56	1.3592	1.0028

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99163	489.80	.95891	1.0240	1.0109	16.640	.99896
SDev	.00261	.68	.00138	.0015	.0087	.025	.00093
%RSD	.26275	.13892	.14384	.14507	.86541	.14813	.09269
#1	.99347	490.28	.95988	1.0229	1.0171	16.658	.99962
#2	.98979	489.32	.95793	1.0250	1.0048	16.623	.99831

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53927	12.477	15.101	.55557	1.1898	.98703	1.0182
SDev	.00094	.015	.011	.00112	.0072	.00391	.0018
%RSD	.17406	.12151	.07128	.20212	.60571	.39624	.18028
#1	.53994	12.466	15.108	.55637	1.1949	.98979	1.0195
#2	.53861	12.487	15.093	.55478	1.1847	.98426	1.0169

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94919	1.0838	.87668	1.0709	.91793	1.0285
SDev	.00213	.0017	.00076	.0069	.00015	.0038
%RSD	.22406	.15388	.08609	.64161	.01690	.37246
#1	.95069	1.0850	.87721	1.0758	.91804	1.0312
#2	.94768	1.0826	.87615	1.0661	.91782	1.0258

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 03/29/12 06:11:31 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32144	--	--	--	--	--	--
SDev	78.48885	--	--	--	--	--	--
%RSD	.2441751	--	--	--	--	--	--
#1	32089	--	--	--	--	--	--
#2	32200	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Batch Number: 75633 Batch Start Date: 03/26/12 13:13 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	METH202 00020	METHCL 00036	METHNO3 00027
MB 600-75633/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL	4 mL	2.5 mL	5 mL
LCS 600-75633/2		3050B, 6010B		CALC NOT SET TO RUN	0.50 g	50 mL	4 mL	2.5 mL	5 mL
600-52584-A-1	2012-BSA-3A(0-2)	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	4 mL	2.5 mL	5 mL
600-52584-A-1 DU	2012-BSA-3A(0-2)	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL	4 mL	2.5 mL	5 mL
600-52584-A-1 MS	2012-BSA-3A(0-2)	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	4 mL	2.5 mL	5 mL
600-52584-A-1 MSD	2012-BSA-3A(0-2)	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL	4 mL	2.5 mL	5 mL
600-52584-A-2	2012-BSA-1A(0-2)	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	4 mL	2.5 mL	5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSLCSS 00016	METSPIKEA 00011	METSPIKEB 00012			
MB 600-75633/1		3050B, 6010B							
LCS 600-75633/2		3050B, 6010B		0.5 g					
600-52584-A-1	2012-BSA-3A(0-2)	3050B, 6010B	T						
600-52584-A-1 DU	2012-BSA-3A(0-2)	3050B, 6010B	T						
600-52584-A-1 MS	2012-BSA-3A(0-2)	3050B, 6010B	T		250 uL	250 uL			
600-52584-A-1 MSD	2012-BSA-3A(0-2)	3050B, 6010B	T		250 uL	250 uL			
600-52584-A-2	2012-BSA-1A(0-2)	3050B, 6010B	T						

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	517

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Batch Number: 75853 Batch Start Date: 03/28/12 13:31 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00036	METHNO3 00027	METSPIKEA 00011	METSPIKEB 00012
MB 600-75853/1		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-75853/2		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL
LB 600-75838/1-A		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
600-52584-A-1-E	2012-BSA-3A(0-2)	3010A, 6010B	W	50 mL	50 mL	2.5 mL	2.5 mL		
600-52584-A-1-E DU	2012-BSA-3A(0-2)	3010A, 6010B	W	50 mL	50 mL	2.5 mL	2.5 mL		
600-52584-A-1-E MS	2012-BSA-3A(0-2)	3010A, 6010B	W	50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL
600-52584-A-1-E MSD	2012-BSA-3A(0-2)	3010A, 6010B	W	50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL

Batch Notes	
Hood ID or number	M5
Hot Block ID number	HB 04
Temperature	95
ID number of the thermometer	555

Basis	Basis Description
W	SPLP West

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-BSA-3A(0-2)	600-52584-1
2012-BSA-1A(0-2)	600-52584-2

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52584-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/26/2012 18:46 End Date: 03/26/2012 18:46

Lab Sample ID	D/F	Type	Time	Analytes																				
				%Sol	Moist																			
600-52584-1	1	T	18:46	X	X																			
600-52584-1 DU	1	T	18:46	X	X																			
600-52584-2	1	T	18:46	X	X																			
ZZZZZZ			18:46																					
ZZZZZZ			18:46																					
ZZZZZZ			18:46																					
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Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52584-1

SDG No.:

Batch Number: 75687 Batch Start Date: 03/26/12 18:46 Batch Analyst: Puranik, Surendra U

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
600-52584-A-1	2012-BSA-3A(0-2)	Moisture	T	1.14 g	14.62 g	11.82 g			
600-52584-A-1 DU	2012-BSA-3A(0-2)	Moisture	T	1.14 g	16.00 g	13.17 g			
600-52584-A-2	2012-BSA-1A(0-2)	Moisture	T	1.14 g	20.21 g	16.39 g			

Batch Notes	
Balance ID	b-2 No Unit
Oven ID	0-8

Basis	Basis Description
T	Total/NA

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information
Client Contact: Chris Moore
Company: Pastor, Behling and Wheeler
Address: 2201 Double Creek Drive, Suite 4004
City: Round Rock
State, Zip: TX, 78664
Phone: (512) 671-3434
Email: chris.moore@pbwllc.com
Project Name: Exide Frisco Recycling Center Work Plan Implementation
Site: Exide Frisco Recycling Center

Sampler: Chris Moore
Phone: (512) 671-3434
Lab PM
E-Mail: chris.moore@pbwllc.com
Carrier Tracking No(s):

Due Date Requested: 48hr Rush
PO #:
WO #:
Project #: 1732
SSOW#:

COC No:
Page: Page 1 of 1
Job #: 1732

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Pb	Total Cd	SPLP Pb	SPLP Cd	Total Number of containers	Special Instructions/Note:
			Preservation Code:													N,4					
2012-BSA-3A(0-2')	3/23/12	0838	G	S												X	X	X	X		
2012-BSA-1A(0-2')	"	0927	G	S												X		X			

Preservation Codes:
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Indefinite Months

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify) IV

Method of Shipment: FedEx

	Date/Time	Company		Date/Time	Company
Empty Kit Relinquished by:			Received by:		
Relinquished by:	3/23/12 1645	PBW	Received by:	3/24/12 0952	TAL
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Cooler Temperature(s) °C and Other Remarks:

Custody Seals Intact: Custody Seal No.:

Upton, Cathy

From: Taryn Scholz [taryn@qaallc.com]
Sent: Friday, June 01, 2012 7:46 AM
To: Kudchadkar, Sachin
Cc: Upton, Cathy
Subject: Re: Exide Data
Follow Up Flag: Follow up
Flag Status: Red

Hi Sachin. I hadn't heard anything on this - and you usually respond right away - so just wanted to check that you received it. I will be on vacation this coming Monday through Thursday - so no need to hurry to submit anything before Friday. Thanks, Taryn

On 5/30/2012 8:12 AM, Taryn Scholz wrote:

> Hi Sachin,
>
> Can you please address the following regarding the recent Level IV data from the Exide site?
>
> Work Order 600-52584-1
> 1. The raw data for 6010 analytical batch 75753 (3/27/12 on Thermo6500) is missing. Please provide.
> 2. The 52584-1 MS/MSD recoveries for Total Cd in soils are outside the limits and there is no PDS. Please provide if available.
> 3. The narrative states that the serial dilution was out for 52584-1 SD but pg. 61 shows they pass for Total metals in soils. There is no form 8 SD for SPLP metals (also 52584-1 SD). Please provide if available.
>
> Work Order 600-52864-1
> 1. The 52864-2 MS/MSD recoveries for Total Pb in soils are outside the limits and there is no PDS. Please provide if available.
> 2. There is no form 8 SD for Total metals (52864-2 SD) or SPLP metals (52864-1 SD). Please provide if available.
>
> Thanks so much,
>
> Taryn
>
> --
> **Taryn Scholz**, President
> *Quality Assurance Associates* (QAA, L.L.C.)
> http://www.qaallc.com/
> 1007 Francis Drive
> College Station, TX 77840
> 979-694-7199 (office)
> 979-450-2180 (cell)

--
Taryn Scholz, President
Quality Assurance Associates (QAA, L.L.C.)
http://www.qaallc.com/
1007 Francis Drive
College Station, TX 77840
979-694-7199 (office)
979-450-2180 (cell)

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52584-1

Login Number: 52584

List Source: TestAmerica Houston

List Number: 1

Creator: Trenery, Michael J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 600-52864-1

Job Description: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, TX 78664

Attention: Mr. Chris Moore

Approved for release.
Cathy L Upton
LAN Analyst
4/18/2012 5:59 PM

Designee for
Sachin G Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com
04/18/2012

cc: Jennifer Bush
Ms. Taryn Scholz

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

Table of Contents

Cover Title Page 1
TRRP Checklist 3
Report Narrative 9
Method Summary 10
Method / Analyst Summary 11
Sample Summary 12
Sample Results 13
Sample Datasheets 14
Data Qualifiers 19
QC Results 20
Qc Association Summary 21
Qc Reports 24
Client Chain of Custody 32
Sample Receipt Checklist 33

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-52864-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		04/18/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/10/11
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52864
Reviewer Name: TWR	Prep Batch Number(s): 600-76437, 76906(SPLP), 76199(Soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?		X			1
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for Soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all Soil and sediment samples?	X				
		Were bulk Soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				2
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			3
		Were MS/MSD RPDs within laboratory QC limits?		X			4
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			5
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/10/11
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52864
Reviewer Name: TWR	Prep Batch Number(s): 600-76437, 76906(SPLP), 76199(Soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 05/10/11
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52864
Reviewer Name: TWR	Prep Batch Number(s): 600-76437, 76906(SPLP), 76199(Soil)- ICP

ER #[1]	DESCRIPTION
1	See Case Narrative
2	Cadmium was detected above the MDL, but below the MQL in the leachate blank for batch 76425. The level of detection is below the recommended reporting limit and the appropriate flags have been applied.
3	The lead recoveries in samples 52864-2 MS and MSD were outside acceptance limits, but were not flagged due to the background sample result being greater than four times the spike added concentration. Method performance is demonstrated by acceptable LCS recoveries.
4	The lead RPD between samples 52864-2 MS and MSD was above acceptance limits due to the non-homogenous nature of the samples.
5	The cadmium and lead RPDs between samples 52864-2 and 52864-2 MD were above acceptance limits due to the non-homogenous nature of the samples.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALS Batches:	75833
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.315	25
Antimony	0.231553	0.45	0.485	2.5
Arsenic	0.217923	0.5	0.43	1
Barium	0.011322	0.03	0.02	1
Beryllium	0.014513	0.02	0.02	0.25
Boron	0.385535	0.6	0.755	20
Cadmium	0.025642	0.05	0.045	0.25
Calcium	0.86399	1.5	2.88	100
Chromium	0.050606	0.1	0.1	0.5
Cobalt	0.067622	0.1	0.095	0.5
Copper	0.173703	0.5	0.43	0.5
Iron	2.534007	4	3.77	20
Lithium	0.007932	0.01	0.04	10
Lead	0.104832	0.2	0.2	0.5
Selenium	0.258884	0.5	0.555	2
Manganese	0.038111	0.05	0.065	1.5
Molybdenum	0.136448	0.35	0.345	0.5
Nickel	0.116599	0.15	0.145	1
Silver	0.118848	0.2	0.19	0.5
Sodium	0.885548	2.4	2.215	100
Strontium	0.00252	0.005	0.965	0.25
Thallium	0.276988	0.7	0.595	1.5
Tin	0.08729	0.15	0.14	1
Titanium	0.014529	0.03	0.045	0.5
Vanadium	0.079068	0.15	0.195	0.5
Zinc	0.108432	0.2	0.34	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALs Batches:	75833
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.008	0.5
Antimony	0.0063	0.01	0.0095	0.05
Arsenic	0.0033	0.01	0.0079	0.01
Barium	0.0022	0.005	0.0049	0.02
Beryllium	0.00134	0.002	0.0042	0.005
Boron	0.0077	0.02	0.0204	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.0589	1
Chromium	0.0016	0.002	0.0043	0.01
Cobalt	0.00063	0.001	0.0011	0.01
Copper	0.0014	0.002	0.0014	0.01
Iron	0.087	0.1	0.1005	0.4
Lithium	0.0024	0.005	0.0054	0.2
Lead	0.0029	0.005	0.0054	0.01
Selenium	0.0042	0.01	0.0084	0.04
Manganese	0.00084	0.002	0.002	0.01
Molybdenum	0.0027	0.005	0.005	0.01
Nickel	0.00179	0.005	0.0049	0.01
Silver	0.0012	0.0025	0.0025	0.01
Sodium	0.02	0.05	0.0559	1
Strontium	0.0005	0.001	0.0011	0.005
Thallium	0.0078	0.02	0.0195	0.03
Tin	0.0028	0.005	0.0048	0.01
Titanium	0.0011	0.002	0.0018	0.01
Vanadium	0.0017	0.002	0.0048	0.01
Zinc	0.0022	0.005	0.0064	0.01

Comments
No additional comments.

Receipt
The following sample(s) was received at the laboratory outside the required temperature criteria: 2012-BSA-4a (0-1') (600-52864-1), 2012-BSA-4b (0-1') (600-52864-2), 2012-BSA-4c (0-1') (600-52864-3), 2012-BSA-4d (0-1') (600-52864-4), 2012-BSA-4e (0-1') (600-52864-5).

METHOD SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Metals (ICP)	TAL HOU	SW846 6010B	
Preparation, Metals	TAL HOU		SW846 3050B
Metals (ICP)	TAL HOU	SW846 6010B	
SPLP Extraction	TAL HOU		SW846 1312
Preparation, Total Metals	TAL HOU		SW846 3010A
Percent Moisture	TAL HOU	EPA Moisture	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Method	Analyst	Analyst ID
SW846 6010B	Lige, Derrick C	DCL
EPA Moisture	Boza, Michael	MB

SAMPLE SUMMARY

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-52864-1	2012-BSA-4a (0-1')	Solid	03/29/2012 1330	03/30/2012 0931
600-52864-2	2012-BSA-4b (0-1')	Solid	03/29/2012 1345	03/30/2012 0931
600-52864-3	2012-BSA-4c (0-1')	Solid	03/29/2012 1400	03/30/2012 0931
600-52864-4	2012-BSA-4d (0-1')	Solid	03/29/2012 1424	03/30/2012 0931
600-52864-5	2012-BSA-4e (0-1')	Solid	03/29/2012 1432	03/30/2012 0931

SAMPLE RESULTS

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-52864-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-BSA-4a (0-1')

Lab Sample ID: 600-52864-1
Client Matrix: Solid

Date Sampled: 03/29/2012 13:30
Date Received: 03/30/2012 09:31

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Solid,SPLP West												
Preparation, Total Metals		Complete							76437	04/04/2012 11:55		NER
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							76199	04/02/2012 11:53		NER
Method: SW846 6010B,Solid,SPLP West												
Cadmium	7440-43-9	0.00180	J	b	0.000350	0.00500	0.000350	mg/L	76509	04/05/2012 09:43	1	DCL
Lead	7439-92-1	0.354			0.00290	0.0100	0.00290	mg/L	76509	04/05/2012 09:43	1	DCL
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	20			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Percent Solids	STL00234	80			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	9.80			0.0256	0.250	0.0301	mg/Kg	76214	04/02/2012 16:35	1	DCL
Lead	7439-92-1	1510			0.105	0.500	0.123	mg/Kg	76214	04/02/2012 16:35	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-52864-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-BSA-4b (0-1')

Lab Sample ID: 600-52864-2
Client Matrix: Solid

Date Sampled: 03/29/2012 13:45
Date Received: 03/30/2012 09:31

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							76199	04/02/2012 11:53		NER
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	36			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Percent Solids	STL00234	64			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	3.26			0.0256	0.250	0.0400	mg/Kg	76214	04/02/2012 16:39	1	DCL
Lead	7439-92-1	344			0.105	0.500	0.163	mg/Kg	76214	04/02/2012 16:39	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-52864-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-BSA-4c (0-1')

Lab Sample ID: 600-52864-3
Client Matrix: Solid

Date Sampled: 03/29/2012 14:00
Date Received: 03/30/2012 09:31

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Solid,SPLP West												
Preparation, Total Metals		Complete							76437	04/04/2012 11:55		NER
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							76199	04/02/2012 11:53		NER
Method: SW846 6010B,Solid,SPLP West												
Cadmium	7440-43-9	0.00410	J	b	0.000350	0.00500	0.000350	mg/L	76509	04/05/2012 09:52	1	DCL
Lead	7439-92-1	0.706			0.00290	0.0100	0.00290	mg/L	76509	04/05/2012 09:52	1	DCL
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	40			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Percent Solids	STL00234	60			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	16.8			0.0256	0.250	0.0417	mg/Kg	76214	04/02/2012 17:02	1	DCL
Lead	7439-92-1	2730			0.105	0.500	0.171	mg/Kg	76214	04/02/2012 17:02	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-52864-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-BSA-4d (0-1')

Lab Sample ID: 600-52864-4
Client Matrix: Solid

Date Sampled: 03/29/2012 14:24
Date Received: 03/30/2012 09:31

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Solid,SPLP West												
Preparation, Total Metals		Complete							76437	04/04/2012 11:55		NER
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							76199	04/02/2012 11:53		NER
Method: SW846 6010B,Solid,SPLP West												
Cadmium	7440-43-9	0.00680		b	0.000350	0.00500	0.000350	mg/L	76509	04/05/2012 09:54	1	DCL
Lead	7439-92-1	1.54			0.00290	0.0100	0.00290	mg/L	76509	04/05/2012 09:54	1	DCL
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	32			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Percent Solids	STL00234	68			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	16.9			0.0256	0.250	0.0377	mg/Kg	76214	04/02/2012 17:06	1	DCL
Lead	7439-92-1	3000			0.105	0.500	0.154	mg/Kg	76214	04/02/2012 17:06	1	DCL

Pastor, Behling & Wheeler LLC
ATTN: Mr. Chris Moore

Job Number: 600-52864-1
Project: Exide Recycling Center, Frisco TX Projec
SDG Number: Exide Recycling Center, Frisco TX Projec

Client Sample ID: 2012-BSA-4e (0-1')

Lab Sample ID: 600-52864-5
Client Matrix: Solid

Date Sampled: 03/29/2012 14:32
Date Received: 03/30/2012 09:31

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 3010A,Solid,SPLP West												
Preparation, Total Metals		Complete							76906	04/11/2012 10:14		NER
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							76199	04/02/2012 11:53		NER
Method: SW846 6010B,Solid,SPLP West												
Lead	7439-92-1	0.00290	U		0.00290	0.0100	0.00290	mg/L	76913	04/11/2012 15:07	1	DCL
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	29			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Percent Solids	STL00234	71			1.0	1.0	1.0	%	76163	04/01/2012 16:34	1	MB
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y
Cadmium	7440-43-9	6.18			0.0256	0.250	0.0340	mg/Kg	76214	04/02/2012 17:10	1	DCL
Lead	7439-92-1	634			0.105	0.500	0.139	mg/Kg	76214	04/02/2012 17:10	1	DCL

DATA REPORTING QUALIFIERS

Client: Pastor, Behling & Wheeler LLC Job Number: 600-52864-1

Lab Section	Qualifier	Description
Metals		
	U	Analyte was not detected at or above the SDL.
	F	Duplicate RPD exceeds the control limit
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits
	b	The compound was found in the blank and sample

QUALITY CONTROL RESULTS

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 600-76199					
LCS 600-76199/2-A	Lab Control Sample	T	Solid	3050B	
MB 600-76199/1-A	Method Blank	T	Solid	3050B	
600-52864-1	2012-BSA-4a (0-1')	T	Solid	3050B	
600-52864-2	2012-BSA-4b (0-1')	T	Solid	3050B	
600-52864-2DU	Duplicate	T	Solid	3050B	
600-52864-2MS	Matrix Spike	T	Solid	3050B	
600-52864-2MSD	Matrix Spike Duplicate	T	Solid	3050B	
600-52864-3	2012-BSA-4c (0-1')	T	Solid	3050B	
600-52864-4	2012-BSA-4d (0-1')	T	Solid	3050B	
600-52864-5	2012-BSA-4e (0-1')	T	Solid	3050B	
Analysis Batch:600-76214					
LCS 600-76199/2-A	Lab Control Sample	T	Solid	6010B	600-76199
MB 600-76199/1-A	Method Blank	T	Solid	6010B	600-76199
600-52864-1	2012-BSA-4a (0-1')	T	Solid	6010B	600-76199
600-52864-2	2012-BSA-4b (0-1')	T	Solid	6010B	600-76199
600-52864-2DU	Duplicate	T	Solid	6010B	600-76199
600-52864-2MS	Matrix Spike	T	Solid	6010B	600-76199
600-52864-2MSD	Matrix Spike Duplicate	T	Solid	6010B	600-76199
600-52864-3	2012-BSA-4c (0-1')	T	Solid	6010B	600-76199
600-52864-4	2012-BSA-4d (0-1')	T	Solid	6010B	600-76199
600-52864-5	2012-BSA-4e (0-1')	T	Solid	6010B	600-76199
Prep Batch: 600-76425					
LB 600-76425/1-B	TCLP SPLPE Leachate Blank	W	Solid	1312	
600-52864-1	2012-BSA-4a (0-1')	W	Solid	1312	
600-52864-1DU	Duplicate	W	Solid	1312	
600-52864-1MS	Matrix Spike	W	Solid	1312	
600-52864-1MSD	Matrix Spike Duplicate	W	Solid	1312	
600-52864-3	2012-BSA-4c (0-1')	W	Solid	1312	
600-52864-4	2012-BSA-4d (0-1')	W	Solid	1312	
Prep Batch: 600-76437					
LCS 600-76437/2-A	Lab Control Sample	T	Water	3010A	
MB 600-76437/1-A	Method Blank	T	Water	3010A	
LB 600-76425/1-B	TCLP SPLPE Leachate Blank	W	Solid	3010A	600-76425
600-52864-1	2012-BSA-4a (0-1')	W	Solid	3010A	600-76425
600-52864-1DU	Duplicate	W	Solid	3010A	600-76425
600-52864-1MS	Matrix Spike	W	Solid	3010A	600-76425
600-52864-1MSD	Matrix Spike Duplicate	W	Solid	3010A	600-76425
600-52864-3	2012-BSA-4c (0-1')	W	Solid	3010A	600-76425
600-52864-4	2012-BSA-4d (0-1')	W	Solid	3010A	600-76425

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:600-76509					
LB 600-76425/1-B	TCLP SPLPE Leachate Blank	W	Solid	6010B	600-76437
LCS 600-76437/2-A	Lab Control Sample	T	Water	6010B	600-76437
MB 600-76437/1-A	Method Blank	T	Water	6010B	600-76437
600-52864-1	2012-BSA-4a (0-1')	W	Solid	6010B	600-76437
600-52864-1DU	Duplicate	W	Solid	6010B	600-76437
600-52864-1MS	Matrix Spike	W	Solid	6010B	600-76437
600-52864-1MSD	Matrix Spike Duplicate	W	Solid	6010B	600-76437
600-52864-3	2012-BSA-4c (0-1')	W	Solid	6010B	600-76437
600-52864-4	2012-BSA-4d (0-1')	W	Solid	6010B	600-76437
Prep Batch: 600-76904					
LB 600-76904/1-B	TCLP SPLPE Leachate Blank	W	Solid	1312	
600-52864-5	2012-BSA-4e (0-1')	W	Solid	1312	
600-52864-5DU	Duplicate	W	Solid	1312	
600-52864-5MS	Matrix Spike	W	Solid	1312	
600-52864-5MSD	Matrix Spike Duplicate	W	Solid	1312	
Prep Batch: 600-76906					
LCS 600-76906/2-A	Lab Control Sample	T	Water	3010A	
MB 600-76906/1-A	Method Blank	T	Water	3010A	
LB 600-76904/1-B	TCLP SPLPE Leachate Blank	W	Solid	3010A	600-76904
600-52864-5	2012-BSA-4e (0-1')	W	Solid	3010A	600-76904
600-52864-5DU	Duplicate	W	Solid	3010A	600-76904
600-52864-5MS	Matrix Spike	W	Solid	3010A	600-76904
600-52864-5MSD	Matrix Spike Duplicate	W	Solid	3010A	600-76904
Analysis Batch:600-76913					
LB 600-76904/1-B	TCLP SPLPE Leachate Blank	W	Solid	6010B	600-76906
LCS 600-76906/2-A	Lab Control Sample	T	Water	6010B	600-76906
MB 600-76906/1-A	Method Blank	T	Water	6010B	600-76906
600-52864-5	2012-BSA-4e (0-1')	W	Solid	6010B	600-76906
600-52864-5DU	Duplicate	W	Solid	6010B	600-76906
600-52864-5MS	Matrix Spike	W	Solid	6010B	600-76906
600-52864-5MSD	Matrix Spike Duplicate	W	Solid	6010B	600-76906

Report Basis

W = SPLP West

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-76163					
600-52864-1	2012-BSA-4a (0-1')	T	Solid	Moisture	
600-52864-1DU	Duplicate	T	Solid	Moisture	
600-52864-2	2012-BSA-4b (0-1')	T	Solid	Moisture	
600-52864-3	2012-BSA-4c (0-1')	T	Solid	Moisture	
600-52864-4	2012-BSA-4d (0-1')	T	Solid	Moisture	
600-52864-5	2012-BSA-4e (0-1')	T	Solid	Moisture	

Report Basis

T = Total

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Method Blank - Batch: 600-76199

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 600-76199/1-A	Analysis Batch:	600-76214	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-76199	Lab File ID:	A040212
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	04/02/2012 1526	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	04/02/2012 1153				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	MQL
Cadmium	0.0256	U	0.0256	0.250
Lead	0.105	U	0.105	0.500

Lab Control Sample - Batch: 600-76199

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 600-76199/2-A	Analysis Batch:	600-76214	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-76199	Lab File ID:	A040212
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.50 g
Analysis Date:	04/02/2012 1530	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	04/02/2012 1153				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	71.0	74.35	105	81 - 119	
Lead	144	131.4	91	79 - 121	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-76199

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-52864-2	Analysis Batch:	600-76214	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-76199	Lab File ID:	A040212
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	04/02/2012 1647			Final Weight/Volume:	50 mL
Prep Date:	04/02/2012 1153				
Leach Date:	N/A				

MSD Lab Sample ID:	600-52864-2	Analysis Batch:	600-76214	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-76199	Lab File ID:	A040212
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.06 g
Analysis Date:	04/02/2012 1659			Final Weight/Volume:	50 mL
Prep Date:	04/02/2012 1153				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	92	102	75 - 125	8	20		
Lead	1188	1840	75 - 125	32	20	4	4 N

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-76199

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	600-52864-2	Units: mg/Kg	MSD Lab Sample ID:	600-52864-2	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	04/02/2012 1647		Analysis Date:	04/02/2012 1659	
Prep Date:	04/02/2012 1153		Prep Date:	04/02/2012 1153	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Cadmium	3.26	37.5	37.1	37.66		40.98	
Lead	344	74.9	74.2	1234	4	1710	4 N

Duplicate - Batch: 600-76199

Method: 6010B
Preparation: 3050B

Lab Sample ID:	600-52864-2	Analysis Batch:	600-76214	Instrument ID:	TJA1
Client Matrix:	Solid	Prep Batch:	600-76199	Lab File ID:	A040212
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.01 g
Analysis Date:	04/02/2012 1643	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	04/02/2012 1153				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cadmium	3.26	7.858	83	20	F
Lead	344	951.0	94	20	F

Method Blank - Batch: 600-76437

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-76437/1-A	Analysis Batch:	600-76509	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-76437	Lab File ID:	040512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/05/2012 0912	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/04/2012 1155				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Cadmium	0.000350	U	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

TCLP SPLPE Leachate Blank - Batch: 600-76437

Method: 6010B
Preparation: 3010A
SPLP West

Lab Sample ID:	LB 600-76425/1-B	Analysis Batch:	600-76509	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-76437	Lab File ID:	040512.asc
Dilution:	1.0	Leach Batch:	600-76425	Initial Weight/Volume:	50 mL
Analysis Date:	04/05/2012 0933	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/04/2012 1155				
Leach Date:	04/03/2012 1810				

Analyte	Result	Qual	MDL	RL
Cadmium	0.0004000	J	0.000350	0.00500
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-76437

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-76437/2-A	Analysis Batch:	600-76509	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-76437	Lab File ID:	040512.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/05/2012 0914	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/04/2012 1155				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.500	0.4984	100	80 - 120	
Lead	1.00	0.9878	99	80 - 120	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-76437

Method: 6010B
Preparation: 3010A
SPLP West

MS Lab Sample ID:	600-52864-1	Analysis Batch:	600-76509	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-76437	Lab File ID:	040512.asc
Dilution:	1.0	Leach Batch:	600-76425	Initial Weight/Volume:	50 mL
Analysis Date:	04/05/2012 0947			Final Weight/Volume:	50 mL
Prep Date:	04/04/2012 1155				
Leach Date:	04/03/2012 1810				

MSD Lab Sample ID:	600-52864-1	Analysis Batch:	600-76509	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-76437	Lab File ID:	040512.asc
Dilution:	1.0	Leach Batch:	600-76425	Initial Weight/Volume:	50 mL
Analysis Date:	04/05/2012 0949			Final Weight/Volume:	50 mL
Prep Date:	04/04/2012 1155				
Leach Date:	04/03/2012 1810				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	98	100	75 - 125	1	20		
Lead	98	100	75 - 125	1	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-76437

Method: 6010B
Preparation: 3010A
SPLP West

MS Lab Sample ID:	600-52864-1	Units:	mg/L	MSD Lab Sample ID:	600-52864-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/05/2012 0947			Analysis Date:	04/05/2012 0949
Prep Date:	04/04/2012 1155			Prep Date:	04/04/2012 1155
Leach Date:	04/03/2012 1810			Leach Date:	04/03/2012 1810

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.00180	J	0.500	0.500	0.4935	0.4998
Lead	0.354		1.00	1.00	1.335	1.350

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Duplicate - Batch: 600-76437

Method: 6010B
Preparation: 3010A
SPLP West

Lab Sample ID:	600-52864-1	Analysis Batch:	600-76509	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-76437	Lab File ID:	040512.asc
Dilution:	1.0	Leach Batch:	600-76425	Initial Weight/Volume:	50 mL
Analysis Date:	04/05/2012 0945	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/04/2012 1155				
Leach Date:	04/03/2012 1810				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Cadmium	0.00180	J	0.001900	5	20	J
Lead	0.354		0.3568	0.7	20	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Method Blank - Batch: 600-76906

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 600-76906/1-A	Analysis Batch:	600-76913	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-76906	Lab File ID:	041112.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2012 1458	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/11/2012 1014				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Lead	0.00290	U	0.00290	0.0100

TCLP SPLPE Leachate Blank - Batch: 600-76906

Method: 6010B
Preparation: 3010A
SPLP West

Lab Sample ID:	LB 600-76904/1-B	Analysis Batch:	600-76913	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-76906	Lab File ID:	041112.asc
Dilution:	1.0	Leach Batch:	600-76904	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2012 1502	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/11/2012 1014				
Leach Date:	04/11/2012 0929				

Analyte	Result	Qual	MDL	RL
Lead	0.00290	U	0.00290	0.0100

Lab Control Sample - Batch: 600-76906

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 600-76906/2-A	Analysis Batch:	600-76913	Instrument ID:	Thermo6500
Client Matrix:	Water	Prep Batch:	600-76906	Lab File ID:	041112.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2012 1500	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/11/2012 1014				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	1.00	0.9696	97	80 - 120	

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-76906

Method: 6010B
Preparation: 3010A
SPLP West

MS Lab Sample ID:	600-52864-5	Analysis Batch:	600-76913	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-76906	Lab File ID:	041112.asc
Dilution:	1.0	Leach Batch:	600-76904	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2012 1512			Final Weight/Volume:	50 mL
Prep Date:	04/11/2012 1014				
Leach Date:	04/11/2012 0929				

MSD Lab Sample ID:	600-52864-5	Analysis Batch:	600-76913	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-76906	Lab File ID:	041112.asc
Dilution:	1.0	Leach Batch:	600-76904	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2012 1514			Final Weight/Volume:	50 mL
Prep Date:	04/11/2012 1014				
Leach Date:	04/11/2012 0929				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Lead	96	95	75 - 125	1	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-76906

Method: 6010B
Preparation: 3010A
SPLP West

MS Lab Sample ID:	600-52864-5	Units:	mg/L	MSD Lab Sample ID:	600-52864-5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/11/2012 1512			Analysis Date:	04/11/2012 1514
Prep Date:	04/11/2012 1014			Prep Date:	04/11/2012 1014
Leach Date:	04/11/2012 0929			Leach Date:	04/11/2012 0929

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Lead	0.00290	U	1.00	1.00	0.9630	0.9526

Duplicate - Batch: 600-76906

Method: 6010B
Preparation: 3010A
SPLP West

Lab Sample ID:	600-52864-5	Analysis Batch:	600-76913	Instrument ID:	Thermo6500
Client Matrix:	Solid	Prep Batch:	600-76906	Lab File ID:	041112.asc
Dilution:	1.0	Leach Batch:	600-76904	Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2012 1510	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	04/11/2012 1014				
Leach Date:	04/11/2012 0929				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Lead	0.00290	U	0.00290	NC	20	U

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Duplicate - Batch: 600-76163

Method: Moisture
Preparation: N/A

Lab Sample ID:	600-52864-1	Analysis Batch:	600-76163	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	04/01/2012 1634	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	20	12	48		
Percent Solids	80	88	9.0		

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

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THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

04/18/2012

Client	Project Manager	Date	Chain of Custody Number
PBW, LLC	Chris Moore	3/29/12	091693
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
2201 Double Creek Dr. Ste 4004	512-671-3434 / 512-671-6446		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Round Rock / TX / 78664	Chris Moore	Sachin	
Project Name and Location (State)	**Carrier/Waybill Number**		
Exide Frisco (TX)	Fed Ex		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: Total Pb+Cd	Special Instructions/ Conditions of Receipt
2012-BSA-4a (0-1')	3/29/12	1330				X	X						X	
2012-BSA-4b (0-1')		1345				X	X						X	
2012-BSA-4c (0-1')		1400				X	X						X	
2012-BSA-4d (0-1')		1424				X	X						X	
2012-BSA-4e (0-1')	↓	1432				X	X						X	

Page 32 of 33

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☒ Archive For Indefinite Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)
TV

	Date	Time		Date	Time
1. Relinquished By	3/29/12	1712	1. Received By	3.30.12	931
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52864-1

Login Number: 52864

List Source: TestAmerica Houston

List Number: 1

Creator: Capps, Dana

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	9.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Tel: (713)690-4444

TestAmerica Job ID: 600-52867-1
Client Project/Site: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, Texas 78664

Attn: Mr. Chris Moore

Authorized for release by:
4/25/2012 3:58:18 PM
Cathy Upton
LAN Analyst
cathy.upton@testamericainc.com

Designee for

Sachin Kudchadkar
Project Manager II
sachin.kudchadkar@testamericainc.com

LINKS

Review your project results through TotalAccess

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
TRRP Cover Page 3
TRRP Checklists & DCSs 4
Case Narrative 8
Method Summary 9
Sample Summary 10
Client Sample Results 11
Definitions/Glossary 14
QC Sample Results 15
Default Detection Limits 16
QC Association Summary 17
Lab Chronicle 18
Certification Summary 20
Raw Data 21
Chain of Custody 153
Receipt Checklists 154

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-52867-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		04/25/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52867
Reviewer Name: TWR	Prep Batch Number(s): 600-76449- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?		X			1
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52867
Reviewer Name: TWR	Prep Batch Number(s): 600-76449- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	4
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/13/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-52867
Reviewer Name: TWR	Prep Batch Number(s): 600-76449- ICP

ER #[1]	DESCRIPTION
1	See Case Narrative
2	The lead recoveries in samples 52867-10 MS and MSD were above acceptance limits due to matrix interference. Method performance is demonstrated by an acceptable LCS recovery.
3	The cadmium and lead RPDs between samples 52867-1 and 52867-1 MD were above acceptance limits due to the non-homogenous nature of the samples.
4	The lead percent difference between samples 52867-1 and 52867-1 SD was above acceptance limits due to matrix interference.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALS Batches:	75833
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.315	25
Antimony	0.231553	0.45	0.485	2.5
Arsenic	0.217923	0.5	0.43	1
Barium	0.011322	0.03	0.02	1
Beryllium	0.014513	0.02	0.02	0.25
Boron	0.385535	0.6	0.755	20
Cadmium	0.025642	0.05	0.045	0.25
Calcium	0.86399	1.5	2.88	100
Chromium	0.050606	0.1	0.1	0.5
Cobalt	0.067622	0.1	0.095	0.5
Copper	0.173703	0.5	0.43	0.5
Iron	2.534007	4	3.77	20
Lithium	0.007932	0.01	0.04	10
Lead	0.104832	0.2	0.2	0.5
Selenium	0.258884	0.5	0.555	2
Manganese	0.038111	0.05	0.065	1.5
Molybdenum	0.136448	0.35	0.345	0.5
Nickel	0.116599	0.15	0.145	1
Silver	0.118848	0.2	0.19	0.5
Sodium	0.885548	2.4	2.215	100
Strontium	0.00252	0.005	0.965	0.25
Thallium	0.276988	0.7	0.595	1.5
Tin	0.08729	0.15	0.14	1
Titanium	0.014529	0.03	0.045	0.5
Vanadium	0.079068	0.15	0.195	0.5
Zinc	0.108432	0.2	0.34	1.5

Job ID: 600-52867-1

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-52867-1

Comments
No additional comments.

Receipt
The samples were received on 3/30/2012 9:31 AM; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 9.00 C.

Except:

The following sample(s) was received at the laboratory outside the required temperature criteria: 2012-BG-1 (600-52867-1), 2012-BG-10 (600-52867-9), 2012-BG-2 (600-52867-2), 2012-BG-3 (600-52867-3), 2012-BG-4 (600-52867-7), 2012-BG-5 (600-52867-6), 2012-BG-6 (600-52867-8), 2012-BG-7 (600-52867-4), 2012-BG-8 (600-52867-10), 2012-BG-9 (600-52867-5).

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): 2012-BG-8 (600-52867-10). The container labels list 2012-BG-8. The COC lists 2012-BG-10.

Method Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52867-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL HOU
Moisture	Percent Moisture	EPA	TAL HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52867-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-52867-1	2012-BG-1	Solid	03/29/12 08:18	03/30/12 09:31
600-52867-2	2012-BG-2	Solid	03/29/12 08:40	03/30/12 09:31
600-52867-3	2012-BG-3	Solid	03/29/12 09:00	03/30/12 09:31
600-52867-4	2012-BG-7	Solid	03/29/12 09:46	03/30/12 09:31
600-52867-5	2012-BG-9	Solid	03/29/12 10:20	03/30/12 09:31
600-52867-6	2012-BG-5	Solid	03/29/12 11:25	03/30/12 09:31
600-52867-7	2012-BG-4	Solid	03/29/12 15:16	03/30/12 09:31
600-52867-8	2012-BG-6	Solid	03/29/12 15:32	03/30/12 09:31
600-52867-9	2012-BG-10	Solid	03/29/12 16:20	03/30/12 09:31
600-52867-10	2012-BG-8	Solid	03/29/12 16:25	03/30/12 09:31

Client Sample ID: 2012-BG-1
Lab Sample ID: 600-52867-1

Date Collected: 03/29/12 08:18
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 77.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0313	U	0.305	0.0313	mg/Kg	☼	04/04/12 14:49	04/05/12 09:26	1
Lead	**13.2**		0.611	0.128	mg/Kg	☼	04/04/12 14:49	04/05/12 09:26	1
Arsenic	**11.2**		1.22	0.266	mg/Kg	☼	04/04/12 14:49	04/05/12 09:26	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**23**		1.0	1.0	%			04/02/12 13:22	1
Percent Solids	**77**		1.0	1.0	%			04/02/12 13:22	1

Client Sample ID: 2012-BG-2
Lab Sample ID: 600-52867-2

Date Collected: 03/29/12 08:40
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 85.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0287	U	0.280	0.0287	mg/Kg	☼	04/04/12 14:49	04/05/12 09:30	1
Lead	**13.0**		0.560	0.117	mg/Kg	☼	04/04/12 14:49	04/05/12 09:30	1
Arsenic	**9.29**		1.12	0.244	mg/Kg	☼	04/04/12 14:49	04/05/12 09:30	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**15**		1.0	1.0	%			04/02/12 13:22	1
Percent Solids	**85**		1.0	1.0	%			04/02/12 13:22	1

Client Sample ID: 2012-BG-3
Lab Sample ID: 600-52867-3

Date Collected: 03/29/12 09:00
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 80.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0301	U	0.294	0.0301	mg/Kg	☼	04/04/12 14:49	04/05/12 09:42	1
Lead	**11.5**		0.588	0.123	mg/Kg	☼	04/04/12 14:49	04/05/12 09:42	1
Arsenic	**11.6**		1.18	0.256	mg/Kg	☼	04/04/12 14:49	04/05/12 09:42	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**20**		1.0	1.0	%			04/02/12 13:22	1
Percent Solids	**80**		1.0	1.0	%			04/02/12 13:22	1

Client Sample ID: 2012-BG-7
Lab Sample ID: 600-52867-4

Date Collected: 03/29/12 09:46
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 78.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0310	U	0.302	0.0310	mg/Kg	☼	04/04/12 14:49	04/05/12 09:46	1
Lead	**14.1**		0.604	0.127	mg/Kg	☼	04/04/12 14:49	04/05/12 09:46	1
Arsenic	**9.74**		1.21	0.263	mg/Kg	☼	04/04/12 14:49	04/05/12 09:46	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**21**		1.0	1.0	%			04/02/12 13:22	1

Client Sample ID: 2012-BG-7
Lab Sample ID: 600-52867-4
Date Collected: 03/29/12 09:46
Matrix: Solid
Date Received: 03/30/12 09:31

General Chemistry (Continued)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	79		1.0	1.0	%			04/02/12 13:22	1

Client Sample ID: 2012-BG-9
Lab Sample ID: 600-52867-5
Date Collected: 03/29/12 10:20
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 80.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	8.09		0.310	0.0318	mg/Kg	☼	04/04/12 14:49	04/05/12 09:49	1
Lead	302		0.620	0.130	mg/Kg	☼	04/04/12 14:49	04/05/12 09:49	1
Arsenic	12.6		1.24	0.270	mg/Kg	☼	04/04/12 14:49	04/05/12 09:49	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		1.0	1.0	%			04/02/12 13:22	1
Percent Solids	81		1.0	1.0	%			04/02/12 13:22	1

Client Sample ID: 2012-BG-5
Lab Sample ID: 600-52867-6
Date Collected: 03/29/12 11:25
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 81.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0310	U	0.302	0.0310	mg/Kg	☼	04/04/12 14:49	04/05/12 09:53	1
Lead	13.5		0.604	0.127	mg/Kg	☼	04/04/12 14:49	04/05/12 09:53	1
Arsenic	14.8		1.21	0.263	mg/Kg	☼	04/04/12 14:49	04/05/12 09:53	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		1.0	1.0	%			04/02/12 13:22	1
Percent Solids	81		1.0	1.0	%			04/02/12 13:22	1

Client Sample ID: 2012-BG-4
Lab Sample ID: 600-52867-7
Date Collected: 03/29/12 15:16
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 77.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0315	U	0.307	0.0315	mg/Kg	☼	04/04/12 14:49	04/05/12 09:57	1
Lead	15.7		0.614	0.129	mg/Kg	☼	04/04/12 14:49	04/05/12 09:57	1
Arsenic	10.8		1.23	0.268	mg/Kg	☼	04/04/12 14:49	04/05/12 09:57	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	22		1.0	1.0	%			04/02/12 13:22	1
Percent Solids	78		1.0	1.0	%			04/02/12 13:22	1

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52867-1

Client Sample ID: 2012-BG-6

Lab Sample ID: 600-52867-8

Date Collected: 03/29/12 15:32
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 78.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0314	U	0.306	0.0314	mg/Kg	☼	04/04/12 14:49	04/05/12 10:01	1
Lead	14.3		0.612	0.128	mg/Kg	☼	04/04/12 14:49	04/05/12 10:01	1
Arsenic	10.0		1.22	0.267	mg/Kg	☼	04/04/12 14:49	04/05/12 10:01	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21		1.0	1.0	%			04/02/12 13:22	1
Percent Solids	79		1.0	1.0	%			04/02/12 13:22	1

Client Sample ID: 2012-BG-10

Lab Sample ID: 600-52867-9

Date Collected: 03/29/12 16:20
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 79.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.615		0.303	0.0311	mg/Kg	☼	04/04/12 14:49	04/05/12 10:05	1
Lead	67.6		0.607	0.127	mg/Kg	☼	04/04/12 14:49	04/05/12 10:05	1
Arsenic	11.0		1.21	0.264	mg/Kg	☼	04/04/12 14:49	04/05/12 10:05	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21		1.0	1.0	%			04/02/12 13:22	1
Percent Solids	79		1.0	1.0	%			04/02/12 13:22	1

Client Sample ID: 2012-BG-8

Lab Sample ID: 600-52867-10

Date Collected: 03/29/12 16:25
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 79.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.122	J	0.308	0.0316	mg/Kg	☼	04/04/12 14:49	04/05/12 10:09	1
Lead	24.0		0.615	0.129	mg/Kg	☼	04/04/12 14:49	04/05/12 10:09	1
Arsenic	9.83		1.23	0.268	mg/Kg	☼	04/04/12 14:49	04/05/12 10:09	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		1.0	1.0	%			04/02/12 13:22	1
Percent Solids	80		1.0	1.0	%			04/02/12 13:22	1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
F	Duplicate RPD exceeds the control limit
N	MS, MSD: Spike recovery exceeds upper or lower control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-76449/1-A
Matrix: Solid
Analysis Batch: 76526

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76449

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.0256	U	0.250	0.0256	mg/Kg		04/04/12 14:49	04/05/12 08:56	1
Lead	0.105	U	0.500	0.105	mg/Kg		04/04/12 14:49	04/05/12 08:56	1
Arsenic	0.218	U	1.00	0.218	mg/Kg		04/04/12 14:49	04/05/12 08:56	1

Lab Sample ID: LCS 600-76449/2-A
Matrix: Solid
Analysis Batch: 76526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	71.0	68.92		mg/Kg		97	81 - 119
Lead	144	138.8		mg/Kg		96	79 - 121
Arsenic	138	138.4		mg/Kg		100	78 - 122

Lab Sample ID: 600-52867-10 MS
Matrix: Solid
Analysis Batch: 76526

Client Sample ID: 2012-BG-8
Prep Type: Total/NA
Prep Batch: 76449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.122	J	30.8	26.61		mg/Kg	☼	86	75 - 125
Lead	24.0		61.5	163.2	N	mg/Kg	☼	226	75 - 125
Arsenic	9.83		61.5	63.80		mg/Kg	☼	88	75 - 125

Lab Sample ID: 600-52867-10 MSD
Matrix: Solid
Analysis Batch: 76526

Client Sample ID: 2012-BG-8
Prep Type: Total/NA
Prep Batch: 76449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	0.122	J	29.6	24.72		mg/Kg	☼	83	75 - 125	7	20
Lead	24.0		59.2	145.7	N	mg/Kg	☼	206	75 - 125	11	20
Arsenic	9.83		59.2	61.49		mg/Kg	☼	87	75 - 125	4	20

Lab Sample ID: 600-52867-10 DU
Matrix: Solid
Analysis Batch: 76526

Client Sample ID: 2012-BG-8
Prep Type: Total/NA
Prep Batch: 76449

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cadmium	0.122	J	0.9071	F	mg/Kg	☼	153	20
Lead	24.0		63.49	F	mg/Kg	☼	90	20
Arsenic	9.83		10.04		mg/Kg	☼	2	20

Method: Moisture - Percent Moisture

Lab Sample ID: 600-52867-5 DU
Matrix: Solid
Analysis Batch: 76213

Client Sample ID: 2012-BG-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	19		21		%		6	
Percent Solids	81		79		%		2	

Unadjusted Detection Limits

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52867-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Arsenic	1.00	0.218	mg/Kg	6010B
Cadmium	0.250	0.0256	mg/Kg	6010B
Lead	0.500	0.105	mg/Kg	6010B

General Chemistry

Analyte	MQL	MDL	Units	Method
Percent Moisture	1.0	1.0	%	Moisture
Percent Solids	1.0	1.0	%	Moisture

Metals

Prep Batch: 76449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52867-1	2012-BG-1	Total/NA	Solid	3050B	
600-52867-2	2012-BG-2	Total/NA	Solid	3050B	
600-52867-3	2012-BG-3	Total/NA	Solid	3050B	
600-52867-4	2012-BG-7	Total/NA	Solid	3050B	
600-52867-5	2012-BG-9	Total/NA	Solid	3050B	
600-52867-6	2012-BG-5	Total/NA	Solid	3050B	
600-52867-7	2012-BG-4	Total/NA	Solid	3050B	
600-52867-8	2012-BG-6	Total/NA	Solid	3050B	
600-52867-9	2012-BG-10	Total/NA	Solid	3050B	
600-52867-10	2012-BG-8	Total/NA	Solid	3050B	
600-52867-10 DU	2012-BG-8	Total/NA	Solid	3050B	
600-52867-10 MS	2012-BG-8	Total/NA	Solid	3050B	
600-52867-10 MSD	2012-BG-8	Total/NA	Solid	3050B	
LCS 600-76449/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 600-76449/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 76526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52867-1	2012-BG-1	Total/NA	Solid	6010B	76449
600-52867-2	2012-BG-2	Total/NA	Solid	6010B	76449
600-52867-3	2012-BG-3	Total/NA	Solid	6010B	76449
600-52867-4	2012-BG-7	Total/NA	Solid	6010B	76449
600-52867-5	2012-BG-9	Total/NA	Solid	6010B	76449
600-52867-6	2012-BG-5	Total/NA	Solid	6010B	76449
600-52867-7	2012-BG-4	Total/NA	Solid	6010B	76449
600-52867-8	2012-BG-6	Total/NA	Solid	6010B	76449
600-52867-9	2012-BG-10	Total/NA	Solid	6010B	76449
600-52867-10	2012-BG-8	Total/NA	Solid	6010B	76449
600-52867-10 DU	2012-BG-8	Total/NA	Solid	6010B	76449
600-52867-10 MS	2012-BG-8	Total/NA	Solid	6010B	76449
600-52867-10 MSD	2012-BG-8	Total/NA	Solid	6010B	76449
LCS 600-76449/2-A	Lab Control Sample	Total/NA	Solid	6010B	76449
MB 600-76449/1-A	Method Blank	Total/NA	Solid	6010B	76449

General Chemistry

Analysis Batch: 76213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-52867-1	2012-BG-1	Total/NA	Solid	Moisture	
600-52867-2	2012-BG-2	Total/NA	Solid	Moisture	
600-52867-3	2012-BG-3	Total/NA	Solid	Moisture	
600-52867-4	2012-BG-7	Total/NA	Solid	Moisture	
600-52867-5	2012-BG-9	Total/NA	Solid	Moisture	
600-52867-5 DU	2012-BG-9	Total/NA	Solid	Moisture	
600-52867-6	2012-BG-5	Total/NA	Solid	Moisture	
600-52867-7	2012-BG-4	Total/NA	Solid	Moisture	
600-52867-8	2012-BG-6	Total/NA	Solid	Moisture	
600-52867-9	2012-BG-10	Total/NA	Solid	Moisture	
600-52867-10	2012-BG-8	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52867-1

Client Sample ID: 2012-BG-1

Lab Sample ID: 600-52867-1

Date Collected: 03/29/12 08:18
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 09:26	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Client Sample ID: 2012-BG-2

Lab Sample ID: 600-52867-2

Date Collected: 03/29/12 08:40
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 09:30	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Client Sample ID: 2012-BG-3

Lab Sample ID: 600-52867-3

Date Collected: 03/29/12 09:00
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 09:42	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Client Sample ID: 2012-BG-7

Lab Sample ID: 600-52867-4

Date Collected: 03/29/12 09:46
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 09:46	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Client Sample ID: 2012-BG-9

Lab Sample ID: 600-52867-5

Date Collected: 03/29/12 10:20
Matrix: Solid
Date Received: 03/30/12 09:31
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 09:49	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Lab Chronicle

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52867-1

Client Sample ID: 2012-BG-5

Date Collected: 03/29/12 11:25
Date Received: 03/30/12 09:31

Lab Sample ID: 600-52867-6

Matrix: Solid
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 09:53	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Client Sample ID: 2012-BG-4

Date Collected: 03/29/12 15:16
Date Received: 03/30/12 09:31

Lab Sample ID: 600-52867-7

Matrix: Solid
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 09:57	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Client Sample ID: 2012-BG-6

Date Collected: 03/29/12 15:32
Date Received: 03/30/12 09:31

Lab Sample ID: 600-52867-8

Matrix: Solid
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 10:01	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Client Sample ID: 2012-BG-10

Date Collected: 03/29/12 16:20
Date Received: 03/30/12 09:31

Lab Sample ID: 600-52867-9

Matrix: Solid
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 10:05	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Client Sample ID: 2012-BG-8

Date Collected: 03/29/12 16:25
Date Received: 03/30/12 09:31

Lab Sample ID: 600-52867-10

Matrix: Solid
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76449	04/04/12 14:49	NER	TAL HOU
Total/NA	Analysis	6010B		1	76526	04/05/12 10:09	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	76213	04/02/12 13:22	KRD	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Certification Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-52867-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Houston	Arkansas DEQ	State Program	6	88-0759
TestAmerica Houston	Louisiana	NELAC	6	30643
TestAmerica Houston	Oklahoma	State Program	6	9503
TestAmerica Houston	Texas	NELAC	6	T104704223-10-6-TX
TestAmerica Houston	USDA	Federal		P330-08-00217
TestAmerica Houston	Utah	NELAC	8	GULF

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-52867-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-BG-1	600-52867-1
2012-BG-2	600-52867-2
2012-BG-3	600-52867-3
2012-BG-7	600-52867-4
2012-BG-9	600-52867-5
2012-BG-5	600-52867-6
2012-BG-4	600-52867-7
2012-BG-6	600-52867-8
2012-BG-10	600-52867-9
2012-BG-8	600-52867-10

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-1 Lab Sample ID: 600-52867-1

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 08:18

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 77.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0313	0.305	0.0313	mg/Kg	U		1	6010B
7439-92-1	Lead	13.2	0.611	0.128	mg/Kg			1	6010B
7440-38-2	Arsenic	11.2	1.22	0.266	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-2 Lab Sample ID: 600-52867-2

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 08:40

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 85.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0287	0.280	0.0287	mg/Kg	U		1	6010B
7439-92-1	Lead	13.0	0.560	0.117	mg/Kg			1	6010B
7440-38-2	Arsenic	9.29	1.12	0.244	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-3 Lab Sample ID: 600-52867-3

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 09:00

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 80.3

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0301	0.294	0.0301	mg/Kg	U		1	6010B
7439-92-1	Lead	11.5	0.588	0.123	mg/Kg			1	6010B
7440-38-2	Arsenic	11.6	1.18	0.256	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-7 Lab Sample ID: 600-52867-4

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 09:46

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 78.8

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0310	0.302	0.0310	mg/Kg	U		1	6010B
7439-92-1	Lead	14.1	0.604	0.127	mg/Kg			1	6010B
7440-38-2	Arsenic	9.74	1.21	0.263	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-9 Lab Sample ID: 600-52867-5

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 10:20

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 80.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	8.09	0.310	0.0318	mg/Kg			1	6010B
7439-92-1	Lead	302	0.620	0.130	mg/Kg			1	6010B
7440-38-2	Arsenic	12.6	1.24	0.270	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-5 Lab Sample ID: 600-52867-6

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 11:25

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 81.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0310	0.302	0.0310	mg/Kg	U		1	6010B
7439-92-1	Lead	13.5	0.604	0.127	mg/Kg			1	6010B
7440-38-2	Arsenic	14.8	1.21	0.263	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-4 Lab Sample ID: 600-52867-7

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 15:16

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 77.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0315	0.307	0.0315	mg/Kg	U		1	6010B
7439-92-1	Lead	15.7	0.614	0.129	mg/Kg			1	6010B
7440-38-2	Arsenic	10.8	1.23	0.268	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-6 Lab Sample ID: 600-52867-8

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 15:32

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 78.6

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.0314	0.306	0.0314	mg/Kg	U		1	6010B
7439-92-1	Lead	14.3	0.612	0.128	mg/Kg			1	6010B
7440-38-2	Arsenic	10.0	1.22	0.267	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-10 Lab Sample ID: 600-52867-9

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 16:20

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 79.2

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.615	0.303	0.0311	mg/Kg			1	6010B
7439-92-1	Lead	67.6	0.607	0.127	mg/Kg			1	6010B
7440-38-2	Arsenic	11.0	1.21	0.264	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 2012-BG-8 Lab Sample ID: 600-52867-10

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG ID.:

Matrix: Solid Date Sampled: 03/29/2012 16:25

Reporting Basis: DRY Date Received: 03/30/2012 09:31

% Solids: 79.7

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7440-43-9	Cadmium	0.122	0.308	0.0316	mg/Kg	J		1	6010B
7439-92-1	Lead	24.0	0.615	0.129	mg/Kg			1	6010B
7440-38-2	Arsenic	9.83	1.23	0.268	mg/Kg			1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

ICV Source: MET0412CCV_00001 Concentration Units: mg/L

CCV Source: MET0412CCV_00001

Analyte	ICV 600-76526/4 04/05/2012 08:23				CCV 600-76526/9 04/05/2012 08:42				CCV 600-76526/21 04/05/2012 09:34			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.5109		0.500	102	0.5084		0.500	102	0.5001		0.500	100
Cadmium	0.5118		0.500	102	0.5089		0.500	102	0.5069		0.500	101
Lead	0.5079		0.500	102	0.5043		0.500	101	0.4950		0.500	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

ICV Source: MET0412CCV_00001 Concentration Units: mg/L

CCV Source: MET0412CCV_00001

Analyte	CCV 600-76526/33 04/05/2012 10:20				CCV 600-76526/45 04/05/2012 11:06							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.5046		0.500	101	0.5057		0.500	101				
Cadmium	0.5125		0.500	102	0.5188		0.500	104				
Lead	0.4987		0.500	100	0.4979		0.500	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-76526/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	0.00500	0.005300		106	0-500
Lead	0.0100	0.009440	J	94	0-500
Arsenic	0.0100	0.01147	J	115	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-76526/5 04/05/2012 08:27		CCB 600-76526/10 04/05/2012 08:46		CCB 600-76526/22 04/05/2012 09:38		CCB 600-76526/34 04/05/2012 10:24	
		Found	C	Found	C	Found	C	Found	C
Arsenic	0.0200	0.00328	U	0.00328	U	0.00328	U	0.00328	U
Cadmium	0.00500	0.000730	U	0.000730	U	0.000730	U	0.000730	U
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-76526/46 04/05/2012 11:10							
		Found	C	Found	C	Found	C	Found	C
Arsenic	0.0200	0.00328	U						
Cadmium	0.00500	0.000730	U						
Lead	0.0100	0.00290	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-76449/1-A

Instrument Code: TJA1 Batch No.: 76526

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.0256	U		6010B
7439-92-1	Lead	0.105	U		6010B
7440-38-2	Arsenic	0.218	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Lab Sample ID: ICSA 600-76526/7 Instrument ID: TJA1

Lab File ID: A040512 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Arsenic		**0.0006**	
Cadmium		**-0.0038**	
Lead		**0.0048**	
Aluminum	*500*	*496*	*99*
Antimony		*0.0033*	
Barium		*0.0014*	
Beryllium		*-0.0001*	
Boron		*-0.0038*	
Calcium	*500*	*447*	*89*
Chromium		*0.0018*	
Cobalt		*-0.0006*	
Copper		*0.0125*	
Iron	*200*	*194*	*97*
Lithium		*0.0042*	
Magnesium	*500*	*511*	*102*
Manganese		*-0.0078*	
Molybdenum		*0.0003*	
Nickel		*-0.0006*	
Potassium		*0.0420*	
Selenium		*-0.0050*	
Silicon		*0.0106*	
Silver		*-0.0006*	
Sodium		*0.155*	
Strontium		*-0.0091*	
Thallium		*-0.0127*	
Tin		*-0.0016*	
Titanium		*-0.0034*	
Vanadium		*0.0031*	
Zinc		*-0.0052*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Lab Sample ID: ICSAB 600-76526/8 Instrument ID: TJA1

Lab File ID: A040512 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Arsenic	**1.00**	**1.04**	**104**
Cadmium	**0.500**	**0.478**	**96**
Lead	**1.00**	**0.994**	**99**
Aluminum	*510*	*510*	*100*
Antimony	*1.00*	*1.06*	*106*
Barium	*1.00*	*1.05*	*105*
Beryllium	*0.500*	*0.504*	*101*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*459*	*90*
Chromium	*1.00*	*0.992*	*99*
Cobalt	*1.00*	*0.962*	*96*
Copper	*1.00*	*1.10*	*110*
Iron	*210*	*206*	*98*
Lithium	*1.00*	*1.20*	*120*
Magnesium	*510*	*528*	*103*
Manganese	*1.00*	*0.990*	*99*
Molybdenum	*1.00*	*1.01*	*101*
Nickel	*1.00*	*0.967*	*97*
Potassium	*10.0*	*14.4*	*144*
Selenium	*1.00*	*1.03*	*103*
Silicon	*1.00*	*1.03*	*103*
Silver	*0.500*	*0.553*	*111*
Sodium	*10.0*	*13.5*	*135*
Strontium	*0.500*	*0.506*	*101*
Thallium	*1.00*	*0.984*	*98*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*1.04*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Lab Sample ID: ICSA 600-76526/82 Instrument ID: TJA1

Lab File ID: A040512 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		**0.0005**	
Cadmium		**-0.0083**	
Lead		**0.0030**	
Aluminum	*500*	*468*	*94*
Antimony		*0.0075*	
Barium		*0.0019*	
Beryllium		*-0.0023*	
Boron		*-0.0029*	
Calcium	*500*	*437*	*87*
Chromium		*0.0013*	
Cobalt		*-0.0010*	
Copper		*0.0080*	
Iron	*200*	*201*	*100*
Lithium		*0.0061*	
Magnesium	*500*	*471*	*94*
Manganese		*-0.0066*	
Molybdenum		*-0.0011*	
Nickel		*0.0000*	
Potassium		*0.673*	
Selenium		*-0.0187*	
Silicon		*-0.0073*	
Silver		*-0.0020*	
Sodium		*0.0380*	
Sodium		*0.234*	
Strontium		*-0.0086*	
Thallium		*0.0347*	
Tin		*-0.0066*	
Titanium		*-0.0039*	
Vanadium		*0.0060*	
Zinc		*-0.0081*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Lab Sample ID: ICSAB 600-76526/83 Instrument ID: TJA1

Lab File ID: A040512 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Arsenic	**1.00**	**1.08**	**108**
Cadmium	**0.500**	**0.538**	**108**
Lead	**1.00**	**1.00**	**100**
Aluminum	*510*	*480*	*94*
Antimony	*1.00*	*1.18*	*118*
Barium	*1.00*	*1.18*	*118*
Beryllium	*0.500*	*0.422*	*84*
Boron	*1.00*	*1.16*	*116*
Calcium	*510*	*447*	*88*
Chromium	*1.00*	*0.896*	*90*
Cobalt	*1.00*	*0.857*	*86*
Copper	*1.00*	*0.960*	*96*
Iron	*210*	*213*	*101*
Lithium	*1.00*	*1.41*	*141*
Magnesium	*510*	*485*	*95*
Manganese	*1.00*	*0.952*	*95*
Molybdenum	*1.00*	*1.01*	*101*
Nickel	*1.00*	*1.00*	*100*
Potassium	*10.0*	*17.5*	*175*
Selenium	*1.00*	*0.968*	*97*
Silicon	*1.00*	*0.986*	*99*
Silver	*0.500*	*0.540*	*108*
Sodium	*10.0*	*12.7*	*127*
Sodium	*10.0*	*15.6*	*156*
Strontium	*0.500*	*0.570*	*114*
Thallium	*1.00*	*1.23*	*123*
Tin	*1.00*	*0.961*	*96*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*0.936*	*94*
Zinc	*1.00*	*1.09*	*109*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-BG-8 MS
Lab ID: 600-52867-10 MS
Lab Name: TestAmerica Houston
Job No.: 600-52867-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 79.7

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	26.61		0.122	J	30.8	86	75-125		6010B
Lead	163.2		24.0		61.5	226	75-125	N	6010B
Arsenic	63.80		9.83		61.5	88	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 2012-BG-8 MSD
Lab ID: 600-52867-10 MSD
Lab Name: TestAmerica Houston
Job No.: 600-52867-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 79.7

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	24.72		29.6	83	75-125	7	20		6010B
Lead	145.7		59.2	206	75-125	11	20	N	6010B
Arsenic	61.49		59.2	87	75-125	4	20		6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 2012-BG-8 PDS Lab ID: 600-52867-10 PDS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	24.31		0.122	J	30.8	79	75-125		6010B
Lead	72.52		24.0		61.5	79	75-125		6010B
Arsenic	62.29		9.83		61.5	85	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 2012-BG-8 DU | Lab ID: 600-52867-10 DU

Lab Name: TestAmerica Houston | Job No.: 600-52867-1

SDG No.:

% Solids for Sample: 79.7 | % Solids for Duplicate: 79.7

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Cadmium	0.302	0.122	J	0.9071		153	F	6010B
Lead	0.604	24.0		63.49		90	F	6010B
Arsenic	1.21	9.83		10.04		2		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-76449/2-A

Lab Name: TestAmerica Houston Job No.: 600-52867-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	71.0	68.92		97	81	119		6010B
Lead	144	138.8		96	79	121		6010B
Arsenic	138	138.4		100	78	122		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-52867-10

SDG No:

Lab Name: TestAmerica Houston Job No: 600-52867-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	0.122	J	0.158	U	NC		6010B
Lead	24.0		28.94		21	*	6010B
Arsenic	9.83		12.14		NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-52867-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Arsenic		0.02	0.00328
Cadmium		0.005	0.00073
Lead		0.01	0.0029

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-52867-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B
Lead		50	6010B
Arsenic		50	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-76449/1-A	04/04/2012 14:49	76449	1.00		50
LCS 600-76449/2-A	04/04/2012 14:49	76449	0.50		50
600-52867-1	04/04/2012 14:49	76449	1.06		50
600-52867-2	04/04/2012 14:49	76449	1.05		50
600-52867-3	04/04/2012 14:49	76449	1.06		50
600-52867-4	04/04/2012 14:49	76449	1.05		50
600-52867-5	04/04/2012 14:49	76449	1.00		50
600-52867-6	04/04/2012 14:49	76449	1.02		50
600-52867-7	04/04/2012 14:49	76449	1.05		50
600-52867-8	04/04/2012 14:49	76449	1.04		50
600-52867-9	04/04/2012 14:49	76449	1.04		50
600-52867-10	04/04/2012 14:49	76449	1.02		50
600-52867-10 DU	04/04/2012 14:49	76449	1.04		50
600-52867-10 MS	04/04/2012 14:49	76449	1.02		50
600-52867-10 MSD	04/04/2012 14:49	76449	1.06		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/05/2012 08:11 End Date: 04/05/2012 16:21

Lab Sample ID	D/F	Type	Time	Analytes																				
				As	Cd	Pb																		
ZZZZZZ			08:11																					
STD 600-76526/2 IC			08:15	X	X	X																		
ZZZZZZ			08:19																					
ICV 600-76526/4	1		08:23	X	X	X																		
ICB 600-76526/5	1		08:27	X	X	X																		
CRI 600-76526/6	1		08:31	X	X	X																		
ICSA 600-76526/7	1		08:35	X	X	X																		
ICSAB 600-76526/8	1		08:39	X	X	X																		
CCV 600-76526/9	1		08:42	X	X	X																		
CCB 600-76526/10	1		08:46	X	X	X																		
MB 600-76449/1-A	1	T	08:56	X	X	X																		
LCS 600-76449/2-A	1	T	08:59	X	X	X																		
ZZZZZZ			09:03																					
ZZZZZZ			09:07																					
ZZZZZZ			09:11																					
ZZZZZZ			09:15																					
ZZZZZZ			09:19																					
ZZZZZZ			09:22																					
600-52867-1	1	T	09:26	X	X	X																		
600-52867-2	1	T	09:30	X	X	X																		
CCV 600-76526/21	1		09:34	X	X	X																		
CCB 600-76526/22	1		09:38	X	X	X																		
600-52867-3	1	T	09:42	X	X	X																		
600-52867-4	1	T	09:46	X	X	X																		
600-52867-5	1	T	09:49	X	X	X																		
600-52867-6	1	T	09:53	X	X	X																		
600-52867-7	1	T	09:57	X	X	X																		
600-52867-8	1	T	10:01	X	X	X																		
600-52867-9	1	T	10:05	X	X	X																		
600-52867-10	1	T	10:09	X	X	X																		
600-52867-10 DU	1	T	10:13	X	X	X																		
600-52867-10 MS	1	T	10:16	X	X	X																		
CCV 600-76526/33	1		10:20	X	X	X																		
CCB 600-76526/34	1		10:24	X	X	X																		
600-52867-10 MSD	1	T	10:28	X	X	X																		
ZZZZZZ			10:32																					
ZZZZZZ			10:36																					
ZZZZZZ			10:39																					
ZZZZZZ			10:43																					
ZZZZZZ			10:47																					
ZZZZZZ			10:51																					
ZZZZZZ			10:55																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/05/2012 08:11 End Date: 04/05/2012 16:21

Lab Sample ID	D/F	Type	Time	Analytes																				
				As	Cd	Pb																		
600-52867-10 PDS	1	T	10:59	X	X	X																		
600-52867-10 SD	5	T	11:03	X	X	X																		
CCV 600-76526/45	1		11:06	X	X	X																		
CCB 600-76526/46	1		11:10	X	X	X																		
ZZZZZZ			11:43																					
ZZZZZZ			11:48																					
CCV 600-76526/49			11:52																					
CCB 600-76526/50			11:56																					
ZZZZZZ			13:04																					
ZZZZZZ			13:08																					
ZZZZZZ			13:12																					
ZZZZZZ			13:16																					
ZZZZZZ			13:20																					
ZZZZZZ			13:23																					
ZZZZZZ			13:27																					
ZZZZZZ			13:31																					
ZZZZZZ			13:35																					
ZZZZZZ			13:39																					
CCV 600-76526/61			13:43																					
CCB 600-76526/62			13:46																					
ZZZZZZ			13:50																					
ZZZZZZ			13:54																					
ZZZZZZ			13:58																					
ZZZZZZ			14:02																					
ZZZZZZ			14:06																					
ZZZZZZ			14:10																					
ZZZZZZ			14:13																					
ZZZZZZ			14:17																					
ZZZZZZ			14:21																					
ZZZZZZ			14:25																					
CCV 600-76526/73			14:29																					
CCB 600-76526/74			14:33																					
ZZZZZZ			14:37																					
ZZZZZZ			14:40																					
ZZZZZZ			14:44																					
ZZZZZZ			14:48																					
ZZZZZZ			14:52																					
CCV 600-76526/80			14:56																					
CCB 600-76526/81			15:00																					
ICSA 600-76526/82	1		16:17	X	X	X																		
ICSAB 600-76526/83	1		16:21	X	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/05/2012 08:11 End Date: 04/05/2012 16:21

Prep Types

T = Total/NA

Method: 20076010 04/05/12 07:05:55 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A040512	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 04/05/12 08:14:23 AM page 1

Method: 20076010 Standard: S0
Run Time: 04/05/12 08:11:00

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.00650	.00161	-.00132	.00204	-.01731	.00851	.00118
SDev	.00007	.00017	.00049	.00054	.00016	.00271	.00191
%RSD	1.0203	10.491	36.874	26.468	.92193	31.799	161.90
#1	.00655	.00149	-.00166	.00242	-.01742	.00660	-.00017
#2	.00646	.00173	-.00097	.00166	-.01720	.01043	.00253

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.01624	-.00002	-.00032	.00538	.00314	.06376	.03379
SDev	.00040	.00014	.00017	.00013	.00303	.00007	.00004
%RSD	2.4555	562.34	54.584	2.4690	96.353	.11604	.12218
#1	.01652	-.00012	-.00044	.00547	.00100	.06381	.03382
#2	.01596	.00007	-.00019	.00529	.00529	.06370	.03376

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00023	.00021	-.00104	.41525	.03766	-.00023	-.00232
SDev	.00002	.00053	.00005	.00064	.00007	.00002	.00063
%RSD	7.2195	258.41	4.7673	.15366	.17848	7.6669	27.012
#1	.00022	-.00017	-.00100	.41570	.03771	-.00024	-.00276
#2	.00024	.00058	-.00107	.41480	.03761	-.00022	-.00188

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.21540	.01174	-.00154	.00011	-.00238	.00002	.00800
SDev	.00135	.00068	.00052	.00050	.00013	.00003	.00064
%RSD	.62478	5.8102	33.883	453.60	5.3007	141.42	7.9845
#1	.21635	.01222	-.00191	.00046	-.00247	.00000	.00846
#2	.21445	.01125	-.00117	-.00024	-.00229	.00005	.00755

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00903	-.00348	-.00633	.00315

SDev	.00112	.00025	.00214	.00066
%RSD	12.454	7.2195	33.728	21.049
#1	.00982	-.00330	-.00784	.00362
#2	.00823	-.00365	-.00482	.00268

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40984	--	--	--	--	--	--
SDev	91.92388	--	--	--	--	--	--
%RSD	.2242921	--	--	--	--	--	--
#1	40919	--	--	--	--	--	--
#2	41049	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 04/05/12 08:15:06

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.94035	1.0149	1.1302	13.259	23.455	6.8887	14.141
SDev	.00109	.0011	.0026	.018	.022	.0033	.013
%RSD	.11583	.11261	.22856	.13463	.09546	.04832	.09368
#1	.94112	1.0157	1.1320	13.272	23.471	6.8910	14.150
#2	.93958	1.0141	1.1284	13.247	23.439	6.8863	14.132

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.9926	2.2974	1.3607	1.3914	5.0142	19.190	1.3044
SDev	.0032	.0033	.0022	.0014	.0051	.004	.0018
%RSD	.10750	.14303	.16182	.10059	.10126	.02245	.13755
#1	2.9949	2.2997	1.3622	1.3924	5.0178	19.193	1.3057
#2	2.9903	2.2951	1.3591	1.3904	5.0106	19.187	1.3031

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.9177	1.6852	5.8341	2.6218	.90840	.78124	.13320
SDev	.0031	.0005	.0154	.0012	.00187	.00078	.00005
%RSD	.16313	.03054	.26318	.04675	.20612	.09955	.03786
#1	1.9199	1.6848	5.8232	2.6209	.90972	.78179	.13323
#2	1.9155	1.6855	5.8449	2.6226	.90707	.78069	.13316

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	16.173	43.371	.33411	2.8098	11.766	.57673	3.2754
SDev	.009	.052	.00079	.0108	.018	.00104	.0036
%RSD	.05568	.12051	.23557	.38600	.15121	.18043	.10991
#1	16.167	43.408	.33355	2.8175	11.778	.57746	3.2780
#2	16.180	43.334	.33467	2.8021	11.753	.57599	3.2729

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.0719	8.1787	1.2197	1.0621
SDev	.0235	.0139	.0083	.0046
%RSD	.57725	.17043	.68349	.43240
#1	4.0885	8.1886	1.2256	1.0654
#2	4.0553	8.1689	1.2138	1.0589

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40970	--	--	--	--	--	--
SDev	57.98276	--	--	--	--	--	--
%RSD	.1415249	--	--	--	--	--	--
#1	40929	--	--	--	--	--	--
#2	41011	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	21.4168	-.139265	04/05/12 08:15:06
Sb2068	206.838	STD	S0	1.98029	-.003189	04/05/12 08:15:06
As1890	189.042	STD	S0	1.75047	.002307	04/05/12 08:15:06
Ba4934	493.409	STD	S0	.150861	-.000307	04/05/12 08:15:06
Be3130	313.042	STD	S0	.042631	.000738	04/05/12 08:15:06
B_2496	249.678	STD	S0	.290691	-.002474	04/05/12 08:15:06
Cd2265	226.502	STD	S0	.070863	-.000084	04/05/12 08:15:06
Ca3179	317.933	STD	S0	6.71963	-.109117	04/05/12 08:15:06
Cr2677	267.716	STD	S0	.870534	.000021	04/05/12 08:15:06
Co2286	228.616	STD	S0	1.46951	.000466	04/05/12 08:15:06
Cu3247	324.753	STD	S0	1.44224	-.007760	04/05/12 08:15:06
Fe2714	271.441	STD	S0	3.82594	-.012029	04/05/12 08:15:06
Li6707	670.784	STD	S0	.104567	-.006667	04/05/12 08:15:06
Pb2203	220.353		NONE	.000000	.000000	*04/05/12 08:15:06
Se1960	196.026		NONE	.000000	.000000	*04/05/12 08:15:06
Mg2790	279.078	STD	S0	15.7404	-.531928	04/05/12 08:15:06
Mn2576	257.610	STD	S0	1.04325	-.000242	04/05/12 08:15:06
Mo2020	202.030	STD	S0	1.18698	-.000245	04/05/12 08:15:06
Ni2316	231.604	STD	S0	.342752	.000355	04/05/12 08:15:06
K_7664	766.491	STD	S0	9.06403	-3.76382	04/05/12 08:15:06
Si2881	288.158	STD	S0	2.27576	-.085708	04/05/12 08:15:06
Ag3280	328.068	STD	S0	1.27998	.000297	04/05/12 08:15:06
Na3302	330.232	STD	S0	147.587	.342206	04/05/12 08:15:06
Na5889	588.995	STD	S0	1.25331	-.269966	04/05/12 08:15:06
Sr4215	421.552	STD	S0	.023074	-.000271	04/05/12 08:15:06
Tl1908	190.864	STD	S0	5.97782	.009193	04/05/12 08:15:06
Sn1899	189.989	STD	S0	.711824	-.000079	04/05/12 08:15:06
Ti3349	334.941	STD	S0	.169950	.000404	04/05/12 08:15:06
V_2924	292.402	STD	S0	3.43476	-.000084	04/05/12 08:15:06
Zn2138	213.856	STD	S0	.612854	-.004905	04/05/12 08:15:06
2203/1	220.351	STD	S0	.495133	-.004471	04/05/12 08:15:06
2203/2	220.352	STD	S0	.243518	.000847	04/05/12 08:15:06
1960/1	196.021	STD	S0	1.63333	.010346	04/05/12 08:15:06
1960/2	196.022	STD	S0	1.88471	-.005934	04/05/12 08:15:06

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	.000000	-.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 04/05/12 08:18:45 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 04/05/12 08:18:45 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	.000000	-.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	-.000000	.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	.000000	-.000000
		STD	2.00000	1.99584	.004162

Analysis Report 04/05/12 08:23:38 AM page 1

Method: 20076010 Sample Name: S2 met0312cal_00001 Operator: DCL
Run Time: 04/05/12 08:19:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.062	2.0021	2.0079	2.0117	1.0046	2.0075	1.0035

SDev	.108	.0105	.0034	.0080	.0043	.0072	.0045
%RSD	.53872	.52344	.17087	.39667	.42799	.36024	.44968
#1	20.138	2.0095	2.0103	2.0173	1.0076	2.0126	1.0067
#2	19.986	1.9947	2.0054	2.0060	1.0016	2.0024	1.0003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.037	2.0041	1.9997	2.0053	20.068	2.0112	2.0120
SDev	.097	.0087	.0087	.0071	.102	.0069	.0133
%RSD	.48199	.43327	.43634	.35542	.50935	.34246	.66050
#1	20.105	2.0102	2.0059	2.0103	20.140	2.0160	2.0214
#2	19.969	1.9979	1.9935	2.0002	19.996	2.0063	2.0026

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0198	20.017	2.0020	2.0051	2.0346	20.129	2.0004
SDev	.0176	.098	.0092	.0052	.0098	.052	.0094
%RSD	.87012	.48924	.46169	.25959	.48039	.25727	.47154
#1	2.0322	20.087	2.0085	2.0087	2.0415	20.166	2.0070
#2	2.0074	19.948	1.9954	2.0014	2.0276	20.093	1.9937

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0021	20.148	20.139	1.0065	2.0100	2.0052	2.0057
SDev	.0037	.106	.045	.0040	.0009	.0041	.0086
%RSD	.37401	.52623	.22463	.40098	.04263	.20587	.42954
#1	1.0048	20.223	20.171	1.0094	2.0094	2.0081	2.0118
#2	.99948	20.073	20.107	1.0037	2.0106	2.0022	1.9996

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0027	2.0049	2.0119	2.0121	2.0138	2.0228
SDev	.0094	.0089	.0140	.0129	.0274	.0127
%RSD	.47099	.44537	.69469	.64341	1.3585	.62702
#1	2.0093	2.0112	2.0218	2.0212	2.0331	2.0318
#2	1.9960	1.9986	2.0020	2.0029	1.9944	2.0139

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40910	--	--	--	--	--	--
SDev	187.3833	--	--	--	--	--	--
%RSD	.4580435	--	--	--	--	--	--

#1	40777	--	--	--	--	--	--
#2	41042	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV met0412ccv_00001 Operator: DCL
Run Time: 04/05/12 08:23:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5262	.50106	.51094	.50765	.51673	.50924	.51176
SDev	.0025	.00202	.00002	.00059	.00067	.00027	.00049
%RSD	.10056	.40227	.00361	.11678	.12954	.05365	.09601
#1	2.5280	.50249	.51095	.50807	.51720	.50904	.51211
#2	2.5244	.49964	.51093	.50723	.51626	.50943	.51141

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.758	.50825	.50913	.51394	2.5656	.46889	.50795
SDev	.016	.00066	.00002	.00049	.0072	.00038	.00028
%RSD	.12679	.12902	.00464	.09459	.28052	.08210	.05404
#1	12.770	.50871	.50914	.51428	2.5707	.46916	.50776
#2	12.747	.50778	.50911	.51360	2.5605	.46862	.50814

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51923	5.0785	.50230	.51617	.52070	12.401	.96954
SDev	.00097	.0050	.00049	.00149	.00169	.012	.00167
%RSD	.18773	.09816	.09707	.28927	.32535	.09371	.17251
#1	.51992	5.0820	.50264	.51722	.51950	12.393	.97072
#2	.51854	5.0750	.50195	.51511	.52190	12.409	.96835

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25250	12.983	12.284	.25270	.52289	.51327	.51341
SDev	.00002	.028	.000	.00030	.00125	.00300	.00049
%RSD	.00936	.21936	.00200	.11876	.23856	.58496	.09588
#1	.25252	13.003	12.284	.25291	.52377	.51539	.51376
#2	.25249	12.963	12.284	.25249	.52201	.51115	.51307

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51399	.51640	.50506	.50939	.51385	.52198
SDev	.00103	.00026	.00109	.00014	.00150	.00221
%RSD	.19969	.04946	.21667	.02658	.29237	.42405
#1	.51471	.51658	.50429	.50949	.51279	.52355
#2	.51326	.51622	.50584	.50930	.51491	.52042

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/05/12 08:27:29 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40765	--	--	--	--	--	--
SDev	114.5513	--	--	--	--	--	--
%RSD	.2810040	--	--	--	--	--	--
#1	40846	--	--	--	--	--	--
#2	40684	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: DCL
Run Time: 04/05/12 08:27:32

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	.00073	.00299	-.00008	.00002	.00247	.00000
SDev	.00410	.00102	.00048	.00004	.00000	.00017	.00005
%RSD	443.12	139.15	16.153	46.481	4.0994	6.9154	2462.3
#1	-.00383	.00145	.00265	-.00011	.00002	.00259	-.00003
#2	.00198	.00001	.00333	-.00006	.00002	.00235	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02864	.00039	-.00008	-.00034	-.00880	.00010	-.00020
SDev	.00280	.00052	.00008	.00010	.00974	.00000	.00045
%RSD	9.7793	133.66	90.402	30.192	110.74	.35716	221.62
#1	-.03062	.00002	-.00003	-.00042	-.01569	.00010	.00012
#2	-.02666	.00076	-.00014	-.00027	-.00191	.00010	-.00052

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00157	-.00399	.00004	.00325	-.00014	-.03319	-.00020
SDev	.00592	.00192	.00004	.00097	.00001	.00805	.00052
%RSD	376.17	48.094	101.02	29.861	4.4792	24.242	263.82
#1	.00576	-.00535	.00001	.00394	-.00013	-.03888	-.00057
#2	-.00261	-.00263	.00006	.00256	-.00014	-.02750	.00017

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00366	-.01189	-.00003	.00400	-.00029	.00022
SDev	.00004	.05524	.00060	.00003	.00286	.00013	.00007
%RSD	41.319	1507.9	5.0380	104.67	71.607	45.529	33.284
#1	-.00014	-.03540	-.01147	-.00005	.00602	-.00039	.00017
#2	-.00007	.04273	-.01232	-.00001	.00197	-.00020	.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	-.00235	-.00072	.00005	.00403	.00034
SDev	.00034	.00047	.00049	.00092	.00631	.00572
%RSD	122.71	20.041	68.472	1730.7	156.36	1669.9
#1	.00004	-.00268	-.00106	.00070	.00849	.00439

#2	.00052	-.00202	-.00037	-.00060	-.00043	-.00370	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41413	--	--	--	--	--	--
SDev	24.04163	--	--	--	--	--	--
%RSD	.0580533	--	--	--	--	--	--
#1	41430	--	--	--	--	--	--
#2	41396	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI met0212low_00003 Operator: DCL
Run Time: 04/05/12 08:31:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07702	.00960	.01147	.00932	.00517	.00916	.00531
SDev	.00406	.00044	.00151	.00010	.00000	.00050	.00013
%RSD	5.2760	4.5769	13.179	1.0659	.06108	5.4792	2.3721
#1	.07414	.00991	.01254	.00925	.00517	.00951	.00522
#2	.07989	.00929	.01040	.00940	.00517	.00880	.00540

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03954	.00990	.00913	.00931	.07409	.00761	.00945
SDev	.00181	.00005	.00022	.00031	.00564	.00007	.00048
%RSD	4.5829	.53310	2.4244	3.3491	7.6131	.95635	5.1079
#1	.03826	.00994	.00898	.00909	.07010	.00756	.00911
#2	.04082	.00986	.00929	.00953	.07808	.00766	.00979

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01094	.09492	.00934	.01062	.00995	.57154	.00992
SDev	.00007	.00247	.00000	.00006	.00009	.02606	.00171
%RSD	.67308	2.5971	.03817	.53435	.91666	4.5590	17.199
#1	.01089	.09318	.00935	.01058	.00988	.55311	.00872
#2	.01099	.09666	.00934	.01066	.01001	.58996	.01113

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00491	.58710	.55200	.00400	.00736	.00779	.00966
SDev	.00016	.02908	.00468	.00003	.00214	.00108	.00001
%RSD	3.1666	4.9528	.84767	.61582	29.074	13.822	.10183
#1	.00480	.56654	.54869	.00399	.00585	.00703	.00967
#2	.00502	.60766	.55531	.00402	.00887	.00855	.00966

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00938	.00618	.00485	.01174	.00738	.01272

Analysis Report 04/05/12 08:35:11 AM page 5

SDev	.00011	.00028	.00243	.00194	.00435	.00206
%RSD	1.1544	4.4923	50.039	16.507	58.921	16.222
#1	.00930	.00598	.00657	.01037	.00430	.01418
#2	.00945	.00638	.00314	.01311	.01045	.01126

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41294	--	--	--	--	--	--
SDev	215.6676	--	--	--	--	--	--
%RSD	.5222670	--	--	--	--	--	--
#1	41447	--	--	--	--	--	--

#2	41142	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/05/12 08:35:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	495.64	.00334	.00061	.00136	-.00011	-.00378	-.00383
SDev	.06	.00167	.00003	.00005	.00001	.00013	.00006
%RSD	.01210	50.167	5.4827	3.5463	9.4379	3.4028	1.5767
#1	495.68	.00452	.00064	.00133	-.00012	-.00369	-.00379
#2	495.60	.00215	.00059	.00139	-.00011	-.00387	-.00387

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	446.94	.00176	-.00064	.01255	193.77	.00423	.00480
SDev	.11	.00025	.00011	.00015	.06	.00001	.00139
%RSD	.02570	14.214	17.784	1.2075	.03030	.11960	28.905
#1	446.86	.00158	-.00056	.01266	193.81	.00424	.00579
#2	447.02	.00193	-.00072	.01244	193.73	.00423	.00382

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00499	511.12	-.00784	.00028	-.00057	.04202	.01057
SDev	.00161	.53	.00003	.00025	.00022	.01321	.00045
%RSD	32.266	.10346	.33862	88.410	38.374	31.449	4.2890
#1	-.00613	510.74	-.00783	.00045	-.00073	.03267	.01089
#2	-.00385	511.49	-.00786	.00010	-.00042	.05136	.01025

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	-.02326	.15488	-.00914	-.01271	-.00163	-.00343
SDev	.00031	.00335	.00125	.00000	.00569	.00376	.00009
%RSD	48.549	14.419	.80353	.00580	44.774	230.15	2.7373
#1	-.00087	-.02089	.15400	-.00914	-.00868	.00103	-.00350
#2	-.00042	-.02563	.15576	-.00914	-.01673	-.00429	-.00336

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00309	-.00522	-.04142	.02791	-.00168	-.00665
SDev	.00020	.00026	.00276	.00070	.00239	.00122
%RSD	6.3906	5.0546	6.6569	2.5226	142.42	18.360
#1	.00295	-.00541	-.03947	.02841	-.00337	-.00751
#2	.00323	-.00504	-.04337	.02742	.00001	-.00579

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37354	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.1533300	--	--	--	--	--	--

#1	37395	--	--	--	--	--	--
#2	37314	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 04/05/12 08:39:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	509.71	1.0551	1.0413	1.0518	.50364	1.0556	.47803
SDev	1.67	.0062	.0014	.0033	.00102	.0032	.00038
%RSD	.32782	.58536	.13565	.31344	.20338	.30620	.07858
#1	510.89	1.0595	1.0423	1.0541	.50437	1.0578	.47829
#2	508.53	1.0507	1.0403	1.0495	.50292	1.0533	.47776

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	458.89	.99191	.96220	1.0979	205.75	1.2004	.99400
SDev	1.09	.00221	.00208	.0040	.46	.0047	.00313
%RSD	.23838	.22334	.21577	.36719	.22163	.39054	.31499
#1	459.67	.99347	.96367	1.1008	206.07	1.2037	.99622
#2	458.12	.99034	.96073	1.0951	205.43	1.1971	.99179

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0295	527.78	.98981	1.0138	.96708	14.423	1.0267
SDev	.0011	1.34	.00242	.0027	.00571	.066	.0040
%RSD	.10866	.25425	.24444	.26357	.59061	.45982	.39100
#1	1.0288	528.73	.99153	1.0119	.97112	14.470	1.0295
#2	1.0303	526.83	.98810	1.0156	.96304	14.376	1.0239

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55315	12.125	13.510	.50578	.98399	1.0108	1.0184
SDev	.00213	.026	.053	.00147	.00786	.0006	.0032

%RSD	.38554	.21632	.38990	.28976	.79837	.06305	.30987
#1	.55466	12.107	13.547	.50682	.97843	1.0113	1.0206
#2	.55164	12.144	13.473	.50474	.98954	1.0104	1.0162

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0103	1.0368	.94996	1.0160	1.0279	1.0304
SDev	.0024	.0023	.00057	.0050	.0075	.0021
%RSD	.23754	.22100	.06001	.49029	.72745	.19996
#1	1.0120	1.0384	.94955	1.0195	1.0226	1.0319
#2	1.0086	1.0352	.95036	1.0125	1.0331	1.0289

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37444	--	--	--	--	--	--

SDev	49.49748	--	--	--	--	--	--
%RSD	.1321907	--	--	--	--	--	--
#1	37409	--	--	--	--	--	--
#2	37479	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00001 Operator: DCL
Run Time: 04/05/12 08:42:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5290	.49710	.50836	.50471	.51267	.50306	.50885
SDev	.0064	.00047	.00383	.00128	.00207	.00063	.00235
%RSD	.25460	.09434	.75260	.25309	.40389	.12484	.46256
#1	2.5336	.49677	.51107	.50561	.51413	.50350	.51052
#2	2.5245	.49743	.50566	.50381	.51121	.50262	.50719

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.669	.50473	.50564	.51002	2.5684	.46762	.50428
SDev	.052	.00188	.00184	.00078	.0084	.00057	.00284
%RSD	.40819	.37344	.36408	.15328	.32615	.12118	.56268
#1	12.706	.50606	.50694	.51057	2.5743	.46802	.50628
#2	12.633	.50340	.50434	.50947	2.5625	.46722	.50227

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51639	5.0730	.49902	.50941	.51239	12.400	.96194
SDev	.00272	.0200	.00177	.00092	.00194	.010	.00252
%RSD	.52608	.39435	.35431	.18086	.37777	.08419	.26215
#1	.51831	5.0871	.50027	.51006	.51376	12.408	.96372
#2	.51447	5.0588	.49777	.50876	.51102	12.393	.96016

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25203	12.942	12.240	.25182	.51575	.51046	.51057
SDev	.00017	.098	.004	.00056	.00110	.00172	.00141
%RSD	.06876	.75978	.03244	.22357	.21223	.33665	.27704
#1	.25215	12.872	12.243	.25222	.51498	.51168	.51157
#2	.25190	13.012	12.237	.25142	.51653	.50925	.50957

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51105	.51338	.50173	.50555	.50998	.51966
SDev	.00230	.00098	.00507	.00172	.00193	.00311
%RSD	.45042	.19122	1.0101	.34066	.37802	.59873
#1	.51268	.51408	.50531	.50677	.51134	.52186
#2	.50942	.51269	.49815	.50433	.50862	.51746

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	40938	--	--	--	--	--	--
SDev	54.44722	--	--	--	--	--	--
%RSD	.1329976	--	--	--	--	--	--
#1	40977	--	--	--	--	--	--
#2	40900	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/05/12 08:46:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	-.00048	-.00058	-.00013	-.00004	.00132	-.00014
SDev	.00231	.00429	.00060	.00005	.00002	.00073	.00012
%RSD	152.72	885.32	102.35	37.400	47.108	55.219	83.004
#1	.00314	.00255	-.00016	-.00010	-.00003	.00183	-.00006
#2	-.00012	-.00352	-.00100	-.00017	-.00005	.00080	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03940	.00011	-.00041	-.00082	-.01726	.00007	-.00069
SDev	.00046	.00036	.00012	.00042	.00304	.00006	.00111
%RSD	1.1685	337.06	30.211	51.103	17.601	97.408	160.49
#1	-.03972	.00036	-.00032	-.00052	-.01941	.00011	.00009
#2	-.03907	-.00015	-.00050	-.00112	-.01512	.00002	-.00148

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	-.00352	-.00006	.00244	-.00057	-.03656	-.00331
SDev	.00090	.00149	.00004	.00054	.00016	.02566	.00122
%RSD	225.26	42.339	56.701	22.119	28.266	70.184	36.776

#1	-.00024	-.00247	-.00004	.00282	-.00069	-.01842	-.00245
#2	.00104	-.00458	-.00009	.00206	-.00046	-.05471	-.00417

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	-.05405	-.01932	-.00008	.00048	.00085	.00013
SDev	.00002	.01643	.00196	.00002	.00223	.00020	.00008
%RSD	4.4545	30.398	10.121	21.377	462.68	24.199	64.515
#1	-.00058	-.04243	-.01794	-.00007	.00206	.00070	.00019
#2	-.00054	-.06567	-.02070	-.00009	-.00110	.00099	.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00049	-.00458	.00125	-.00342	.00231
SDev	.00030	.00019	.00292	.00313	.00833	.00281
%RSD	1660.4	39.433	63.782	250.50	243.39	121.72
#1	.00019	.00035	-.00664	.00346	-.00931	.00430
#2	-.00023	.00062	-.00251	-.00096	.00247	.00032

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41153	--	--	--	--	--	--
SDev	137.1787	--	--	--	--	--	--
%RSD	.3333383	--	--	--	--	--	--
#1	41056	--	--	--	--	--	--
#2	41250	--	--	--	--	--	--

Analysis Report 04/05/12 08:59:49 AM page 1

Method: 20076010 Sample Name: mb 600-76449/1-a Operator: DCL
Run Time: 04/05/12 08:56:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00270	.00088	.00134	-.00009	-.00182	.00004
SDev	.00163	.00181	.00106	.00006	.00001	.00073	.00007
%RSD	562.50	66.980	120.95	4.2262	8.6293	39.899	184.18
#1	.00144	.00142	.00163	.00138	-.00009	-.00131	.00009
#2	-.00086	.00398	.00013	.00130	-.00010	-.00233	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44249	.00055	-.00061	.00010	.01262	.00033	-.00032
SDev	.00244	.00000	.00015	.00018	.00017	.00001	.00021
%RSD	.55044	.09992	25.073	179.44	1.3838	2.7525	66.076
#1	.44421	.00055	-.00072	.00023	.01250	.00034	-.00017
#2	.44076	.00055	-.00050	-.00003	.01275	.00032	-.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	.01541	.00017	.00007	-.00001	.10786	.00140
SDev	.00123	.00193	.00004	.00070	.00061	.00779	.00042
%RSD	86.648	12.535	21.898	935.71	4226.0	7.2243	30.050
#1	.00229	.01678	.00019	.00057	-.00044	.11337	.00111
#2	.00055	.01405	.00014	-.00042	.00041	.10235	.00170

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.32051	.20841	.00027	-.00084	.03140	.00031
SDev	.00018	.01025	.00261	.00000	.00196	.00101	.00000
%RSD	102.40	3.1975	1.2510	.18983	234.01	3.2058	.03043
#1	-.00030	.31326	.20657	.00027	.00055	.03212	.00031
#2	-.00005	.32776	.21026	.00027	-.00222	.03069	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.02873	-.00140	.00021	-.00258	.00342
SDev	.00013	.00041	.00081	.00073	.00148	.00259
%RSD	147.42	1.4151	58.128	338.34	57.573	75.688
#1	.00017	.02902	-.00197	.00073	-.00363	.00525
#2	-.00000	.02844	-.00082	-.00030	-.00153	.00159

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40822	--	--	--	--	--	--
SDev	42.42641	--	--	--	--	--	--
%RSD	.1039303	--	--	--	--	--	--

Analysis Report 04/05/12 08:59:49 AM page 2

#1	40792	--	--	--	--	--	--
#2	40852	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-76449/2-a Operator: DCL
Run Time: 04/05/12 08:59:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.544	.80432	1.3842	2.6595	1.5579	.85507	.68916
SDev	.285	.00586	.0022	.0038	.0028	.00383	.00032
%RSD	.33334	.72818	.15603	.14470	.18023	.44841	.04663
#1	85.746	.80018	1.3827	2.6622	1.5560	.85778	.68938
#2	85.343	.80846	1.3858	2.6568	1.5599	.85235	.68893

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.525	1.0206	1.4055	1.1087	175.50	.08617	1.3881
SDev	.018	.0002	.0012	.0048	.08	.00038	.0029
%RSD	.01976	.01889	.08322	.43339	.04485	.44082	.20999
#1	91.512	1.0204	1.4063	1.1121	175.56	.08644	1.3860
#2	91.538	1.0207	1.4046	1.1053	175.45	.08590	1.3901

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9471	41.139	5.1055	.91644	1.2851	48.273	5.8637
SDev	.0139	.021	.0010	.00492	.0053	.285	.0089
%RSD	.71402	.05213	.01979	.53694	.41501	.59034	.15235
#1	1.9373	41.154	5.1062	.91296	1.2889	48.475	5.8700
#2	1.9569	41.124	5.1048	.91992	1.2814	48.072	5.8574

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46541	3.5615	6.6014	2.4338	1.6348	1.6096	3.9656
SDev	.00103	.0399	.0468	.0065	.0089	.0030	.0005
%RSD	.22034	1.1190	.70965	.26713	.54425	.18796	.01244
#1	.46614	3.5897	6.6345	2.4384	1.6285	1.6118	3.9653
#2	.46468	3.5333	6.5683	2.4292	1.6411	1.6075	3.9660

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63795	2.2258	1.3690	1.3976	1.9058	1.9677
SDev	.00041	.0026	.0008	.0048	.0033	.0225
%RSD	.06447	.11694	.05577	.34014	.17285	1.1435

#1	.63824	2.2277	1.3695	1.3943	1.9082	1.9518
#2	.63766	2.2240	1.3684	1.4010	1.9035	1.9836

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/05/12 09:03:40 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43392	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.1173297	--	--	--	--	--	--
#1	43356	--	--	--	--	--	--
#2	43428	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53032-a-1-a@10 Operator: DCL
Run Time: 04/05/12 09:03:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32499	.00629	.00585	3.5253	-.00004	.00089	-.00088
SDev	.00436	.00153	.00029	.0115	.00001	.00038	.00009
%RSD	1.3428	24.331	4.9546	.32711	18.298	42.172	10.134
#1	.32807	.00737	.00565	3.5335	-.00004	.00116	-.00095
#2	.32190	.00521	.00606	3.5172	-.00003	.00063	-.00082

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7603	.03176	.00389	.07808	38.014	.00047	.00549
SDev	.0075	.00032	.00013	.00036	.157	.00002	.00091
%RSD	.42330	.99457	3.3589	.45883	.41298	4.1853	16.613
#1	1.7656	.03198	.00398	.07833	38.125	.00049	.00613
#2	1.7551	.03154	.00379	.07783	37.903	.00046	.00484

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00339	3.5295	.26752	.00668	.01493	-.10164	.23016
SDev	.00135	.0186	.00116	.00131	.00042	.01288	.00390
%RSD	39.762	.52634	.43274	19.544	2.7859	12.676	1.6952
#1	.00434	3.5426	.26834	.00761	.01464	-.09253	.23292
#2	.00243	3.5163	.26670	.00576	.01522	-.11075	.22741

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	-.15250	.00543	3.1699	.00203	.00683	.14415
SDev	.00007	.07122	.00119	.0119	.00202	.00073	.00087
%RSD	16.707	46.700	21.955	.37613	99.585	10.685	.60127
#1	-.00045	-.20285	.00627	3.1783	.00346	.00631	.14476
#2	-.00035	-.10214	.00459	3.1614	.00060	.00735	.14354

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00623	.03536	.00237	.00704	-.00050	.00533

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 SDev    .00043    .00004    .00012    .00143     .00158   .00281
 %RSD    6.9310    .12486    4.9844    20.242    312.46    52.670

 #1      .00654    .03533    .00228    .00805    -.00162   .00732

Analysis Report                          04/05/12 09:07:31 AM         page 4


 #2      .00593    .03539    .00245    .00604    .00061    .00335

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    41473     --        --        --        --        --        --
 SDev    63.63961  --        --        --        --        --        --
 %RSD    .1534483  --        --        --        --        --        --

 #1      41428     --        --        --        --        --        --
 #2      41518     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-53032-a-2-a@10     Operator: DCL
Run Time: 04/05/12 09:07:34
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    216.96    .00082    .00413    .02011    -.00008   .00162    -.00049
 SDev      1.09    .00135    .00003    .00011     .00001   .00012     .00009
 %RSD    .50304    163.93    .77244    .55221    10.784    7.1838    18.369

 #1      217.73    -.00013   .00411    .02019    -.00007   .00170    -.00055
 #2      216.19    .00177    .00416    .02003    -.00008   .00153    -.00042

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .89704    .00916    .00083    .02678    3.0370    .00060    .00398
 SDev    .00308    .00010    .00005    .00012     .0066    .00003    .00023
 %RSD    .34305    1.0321    6.1159    .43759    .21761    4.4920    5.8525

 #1      .89921    .00923    .00086    .02670    3.0417    .00058    .00415
 #2      .89486    .00909    .00079    .02686    3.0324    .00062    .00382

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00015    1.6769    .05901    .00079    .00991    -.02938   .44076
 SDev    .00231     .0030    .00020    .00043    .00020     .01562   .00137
 %RSD    1592.5    .17993    .33662    54.978    2.0410    53.172    .31026

 #1      -.00149   1.6790    .05915    .00048    .00977    -.04043   .44173
 #2      .00178    1.6748    .05886    .00110    .01005    -.01834   .43979

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00015   .39837    .33727    .00491    -.00010   .00242    .03633
 SDev     .00004   .03838    .00173    .00001     .00507   .00106    .00000
 %RSD    30.032    9.6338    .51371    .17001    5098.0    43.789    .00804

 #1      -.00018   .42550    .33850    .00491    -.00368   .00317    .03634
 #2      -.00012   .37123    .33605    .00490    .00348    .00167    .03633

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
```

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02076	.02375	-.01339	.01267	.00271	-.00114

SDev	.00003	.00008	.00020	.00025	.00515	.00089
%RSD	.14380	.33335	1.4975	1.9693	190.49	78.137
#1	.02074	.02369	-.01325	.01285	-.00094	-.00176
#2	.02078	.02380	-.01353	.01250	.00635	-.00051

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40716	--	--	--	--	--	--
SDev	50.20458	--	--	--	--	--	--
%RSD	.1233058	--	--	--	--	--	--
#1	40751	--	--	--	--	--	--
#2	40680	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53032-a-3-a@10 Operator: DCL
Run Time: 04/05/12 09:11:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.677	.00233	.00324	.03123	.00129	.09816	-.00010
SDev	.003	.00069	.00096	.00008	.00000	.00012	.00001
%RSD	.01636	29.595	29.684	.24837	.09419	.12320	9.3984
#1	19.675	.00184	.00256	.03128	.00129	.09808	-.00011
#2	19.679	.00282	.00392	.03117	.00129	.09825	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.870	.00929	.00086	.14430	3.3765	.04630	.00119
SDev	.117	.00002	.00000	.00024	.0119	.00004	.00106
%RSD	.13668	.17895	.13847	.16468	.35109	.08650	88.713
#1	85.953	.00931	.00086	.14414	3.3849	.04632	.00194
#2	85.787	.00928	.00086	.14447	3.3681	.04627	.00044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	1.3971	.25262	.00062	.00062	5.5721	.78798
SDev	.00118	.0001	.00032	.00025	.00050	.0122	.00281
%RSD	218.43	.00595	.12806	39.927	80.937	.21830	.35663
#1	-.00029	1.3972	.25285	.00044	.00026	5.5635	.78997
#2	.00137	1.3971	.25239	.00079	.00097	5.5807	.78599

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	12.569	11.965	.28682	-.00177	.00424	.42292
SDev	.00024	.029	.002	.00050	.00038	.00151	.00073
%RSD	130.20	.23469	.01437	.17506	21.306	35.649	.17282
#1	-.00035	12.548	11.966	.28717	-.00204	.00531	.42343
#2	-.00001	12.590	11.964	.28646	-.00150	.00317	.42240

Analysis Report 04/05/12 09:15:13 AM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00354	.01867	-.00085	.00222	.00029	.00066
SDev	.00005	.00014	.00278	.00020	.00157	.00098
%RSD	1.2845	.73893	325.27	8.9763	531.86	148.68
#1	.00358	.01857	.00111	.00236	-.00081	-.00003
#2	.00351	.01876	-.00282	.00207	.00140	.00136

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41264	--	--	--	--	--	--
SDev	125.1579	--	--	--	--	--	--
%RSD	.3033138	--	--	--	--	--	--
#1	41352	--	--	--	--	--	--
#2	41175	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53032-a-4-a@10 Operator: DCL
Run Time: 04/05/12 09:15:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2558	-.00179	.00315	.02995	.00019	.01326	-.00013
SDev	.0022	.00316	.00009	.00001	.00000	.00001	.00004
%RSD	.17416	176.10	2.8181	.03532	.03531	.07378	29.240
#1	1.2574	-.00403	.00309	.02996	.00019	.01325	-.00011
#2	1.2543	.00044	.00321	.02994	.00019	.01327	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	140.14	.00077	.25208	-.00027	1.1523	.39576	.00143
SDev	.32	.00018	.00107	.00009	.0141	.00077	.00200
%RSD	.22658	23.693	.42324	33.671	1.2220	.19377	140.00
#1	140.37	.00090	.25284	-.00033	1.1623	.39630	.00284
#2	139.92	.00064	.25133	-.00020	1.1424	.39521	.00001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00244	11.926	.27862	-.00039	.00046	-.00012	1.5267
SDev	.00284	.029	.00056	.00082	.00000	.00962	.0047
%RSD	116.48	.24588	.20164	210.41	.03062	8003.4	.30568
#1	.00444	11.947	.27902	-.00097	.00046	.00668	1.5300
#2	.00043	11.905	.27822	.00019	.00046	-.00692	1.5234

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.39294	.42019	.11058	-.00367	.00596	.05396
SDev	.00004	.05128	.00216	.00009	.00054	.00168	.00015

Analysis Report 04/05/12 09:19:04 AM page 7

%RSD	57.576	13.051	.51395	.08480	14.636	28.120	.28764
#1	.00011	.42921	.42172	.11064	-.00405	.00714	.05407
#2	.00005	.35668	.41867	.11051	-.00329	.00477	.05385

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	.00771	.00076	.00176	.00326	.00202
SDev	.00013	.00008	.00212	.00194	.00240	.00305
%RSD	8.7518	1.0521	278.89	110.01	73.687	150.90
#1	.00134	.00765	.00226	.00313	.00495	.00418
#2	.00152	.00776	-.00074	.00039	.00156	-.00014

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40750	--	--	--	--	--	--
SDev	53.03301	--	--	--	--	--	--
%RSD	.1301407	--	--	--	--	--	--
#1	40713	--	--	--	--	--	--
#2	40788	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53032-a-5-a@10 Operator: DCL
Run Time: 04/05/12 09:19:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00283	-.00006	.00264	.00046	-.00018	.00027	-.00000
SDev	.00140	.00057	.00059	.00003	.00001	.00015	.00010
%RSD	49.511	952.53	22.284	5.9172	3.5957	56.547	10448.
#1	.00382	.00034	.00306	.00048	-.00017	.00038	.00007
#2	.00184	-.00046	.00222	.00044	-.00018	.00016	-.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00628	.00004	-.00025	-.00068	-.00514	-.00038	.00012
SDev	.00361	.00017	.00003	.00006	.00426	.00002	.00046
%RSD	57.502	414.46	10.652	8.1900	82.927	4.2702	390.37
#1	-.00372	.00017	-.00026	-.00072	-.00213	-.00037	-.00021
#2	-.00883	-.00008	-.00023	-.00064	-.00816	-.00039	.00044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	-.04103	-.00008	-.00036	-.00021	-.26711	-.00281
SDev	.00072	.00245	.00002	.00048	.00014	.01580	.00011
%RSD	41.414	5.9705	22.049	133.31	68.317	5.9161	3.9707
#1	.00226	-.03929	-.00007	-.00002	-.00011	-.25593	-.00289
#2	.00124	-.04276	-.00009	-.00069	-.00031	-.27828	-.00273

Analysis Report 04/05/12 09:22:56 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.04540	-.02049	-.00015	-.00572	.00864	.00006
SDev	.00019	.06487	.00047	.00002	.00007	.00193	.00006
%RSD	235.33	142.87	2.2992	13.116	1.1440	22.364	89.408
#1	.00005	-.00047	-.02015	-.00014	-.00568	.00727	.00010
#2	-.00022	.09127	-.02082	-.00017	-.00577	.01001	.00002

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00496	-.00100	.00068	.00419	.00053
SDev	.00006	.00005	.00222	.00042	.00176	.00020
%RSD	133.82	1.0685	221.70	61.970	42.083	38.770
#1	-.00000	.00500	-.00257	.00097	.00543	.00067
#2	-.00009	.00492	.00057	.00038	.00294	.00038

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42277	--	--	--	--	--	--
SDev	97.58073	--	--	--	--	--	--
%RSD	.2308128	--	--	--	--	--	--
#1	42208	--	--	--	--	--	--
#2	42346	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53032-a-6-a@10 Operator: DCL
Run Time: 04/05/12 09:22:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7942	.00048	.00342	5.3991	-.00016	-.00037	-.00008
SDev	.0077	.00294	.00129	.0103	.00001	.00011	.00007
%RSD	.42995	614.61	37.640	.19119	8.4467	30.518	90.424
#1	1.7996	-.00160	.00251	5.4064	-.00017	-.00029	-.00013
#2	1.7887	.00256	.00433	5.3918	-.00015	-.00045	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8331	.00372	.00292	.01096	4.6224	.00080	.00592
SDev	.0030	.00020	.00009	.00019	.0113	.00008	.00044
%RSD	.10423	5.2862	3.0045	1.7822	.24459	9.9566	7.4413
#1	2.8310	.00359	.00286	.01082	4.6144	.00075	.00561
#2	2.8352	.00386	.00298	.01110	4.6304	.00086	.00623

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	5.8144	.14950	-.00000	.00328	-.00858	.29949
SDev	.00023	.0038	.00011	.00034	.00024	.16552	.00036
%RSD	21.676	.06523	.07396	8777.7	7.3492	1928.5	.11846

Analysis Report 04/05/12 09:26:47 AM page 9

#1	.00091	5.8117	.14942	.00024	.00345	-.12562	.29924

#2	.00124	5.8171	.14958	-.00025	.00311	.10846	.29974

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.07954	.01824	4.3630	-.00219	.00558	.17254
SDev	.00046	.12319	.00251	.0120	.00035	.00004	.00016
%RSD	1779.6	154.87	13.758	.27419	15.853	.76906	.09366
#1	-.00035	-.16665	.01647	4.3714	-.00243	.00561	.17242
#2	.00030	.00757	.02001	4.3545	-.00194	.00555	.17265

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00363	.01328	.00566	.00605	.00262	.00031
SDev	.00025	.00001	.00144	.00006	.00218	.00144
%RSD	6.8744	.05559	25.503	.99938	83.121	468.70
#1	.00345	.01329	.00464	.00609	.00416	-.00071
#2	.00381	.01328	.00668	.00601	.00108	.00132

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41611	--	--	--	--	--	--
SDev	217.7889	--	--	--	--	--	--
%RSD	.5233926	--	--	--	--	--	--
#1	41765	--	--	--	--	--	--
#2	41457	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-1-a Operator: DCL
Run Time: 04/05/12 09:26:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	165.86	.00323	.18399	1.3651	.01223	.07936	-.00120
SDev	.06	.00126	.00231	.0011	.00002	.00026	.00011
%RSD	.03379	38.858	1.2528	.08155	.12910	.32741	9.2878
#1	165.82	.00412	.18236	1.3659	.01224	.07917	-.00128
#2	165.90	.00234	.18562	1.3643	.01222	.07954	-.00113

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	879.41	.22450	.12918	.23684	254.29	.12936	.21545
SDev	.29	.00009	.00012	.00000	.04	.00008	.00136
%RSD	.03332	.03833	.09118	.00037	.01492	.06073	.62894
#1	879.20	.22444	.12926	.23684	254.32	.12930	.21449
#2	879.62	.22457	.12909	.23684	254.27	.12941	.21640

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 04/05/12 09:30:38 AM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00416	29.005	9.8049	.01270	.34814	32.209	7.3132
SDev	.00176	.030	.0009	.00019	.00055	.005	.0024
%RSD	42.332	.10191	.00937	1.5260	.15848	.01693	.03297

#1	-.00292	28.984	9.8043	.01256	.34853	32.205	7.3114
#2	-.00541	29.026	9.8056	.01283	.34774	32.213	7.3149
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00318	3.0923	3.5207	4.3634	-.02418	.03305	.31460
SDev	.00020	.0119	.0021	.0020	.00026	.00015	.00033
%RSD	6.3435	.38505	.06103	.04565	1.0927	.46801	.10377
#1	-.00304	3.1007	3.5192	4.3648	-.02437	.03316	.31437
#2	-.00332	3.0839	3.5222	4.3620	-.02399	.03294	.31483
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.67215	.86862	.19230	.22702	-.00945	-.00152	
SDev	.00029	.00057	.00169	.00119	.00121	.00325	
%RSD	.04263	.06534	.88045	.52242	12.851	213.45	
#1	.67235	.86822	.19110	.22618	-.01030	.00078	
#2	.67194	.86902	.19350	.22786	-.00859	-.00382	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45401	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.0685287	--	--	--	--	--	--
#1	45423	--	--	--	--	--	--
#2	45379	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-2-a Operator: DCL
Run Time: 04/05/12 09:30:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	139.76	.00527	.16588	1.1628	.01086	.08101	-.00053
SDev	.09	.00026	.00164	.0002	.00002	.00081	.00011
%RSD	.06143	4.9166	.98889	.01968	.19842	1.0036	20.202
#1	139.70	.00508	.16472	1.1626	.01088	.08044	-.00045
#2	139.82	.00545	.16704	1.1630	.01085	.08159	-.00060
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	973.73	.19185	.11833	.21335	239.05	.11890	.23206
SDev	1.63	.00012	.00010	.00062	.04	.00021	.00053
%RSD	.16732	.06369	.08344	.29053	.01585	.17777	.23008

#1	974.88	.19176	.11840	.21291	239.08	.11875	.23168
#2	972.58	.19193	.11826	.21379	239.02	.11905	.23244
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00217	25.494	8.3864	.01311	.31465	32.065	6.4082
SDev	.00212	.004	.0003	.00005	.00131	.031	.0025
%RSD	97.641	.01604	.00298	.39536	.41675	.09549	.03932
#1	-.00067	25.491	8.3866	.01315	.31373	32.044	6.4065
#2	-.00366	25.497	8.3862	.01307	.31558	32.087	6.4100

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00338	2.2577	2.6242	5.0595	-.02303	.03289	.28885
SDev	.00002	.0311	.0024	.0023	.00455	.00099	.00006
%RSD	.63912	1.3778	.09001	.04622	19.739	3.0219	.02208
#1	-.00337	2.2357	2.6225	5.0578	-.02624	.03219	.28889
#2	-.00340	2.2796	2.6258	5.0611	-.01981	.03359	.28880

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55162	.93788	.21178	.24220	-.00622	-.00014
SDev	.00041	.00077	.00031	.00064	.00091	.00272
%RSD	.07433	.08267	.14674	.26651	14.623	1911.1
#1	.55133	.93733	.21156	.24174	-.00557	.00178
#2	.55191	.93843	.21200	.24266	-.00686	-.00207

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44574	--	--	--	--	--	--
SDev	15.55635	--	--	--	--	--	--
%RSD	.0349001	--	--	--	--	--	--
#1	44585	--	--	--	--	--	--
#2	44563	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00001 Operator: DCL
Run Time: 04/05/12 09:34:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4546	.49335	.50006	.49925	.49788	.49638	.50685
SDev	.0061	.00225	.00230	.00066	.00039	.00002	.00011
%RSD	.24742	.45533	.46069	.13308	.07884	.00332	.02084
#1	2.4589	.49177	.49843	.49972	.49816	.49639	.50693
#2	2.4503	.49494	.50169	.49878	.49760	.49637	.50678

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.490	.49262	.49205	.49543	2.5451	.46228	.49504
SDev	.011	.00026	.00014	.00122	.0111	.00184	.00097
%RSD	.08782	.05274	.02851	.24697	.43772	.39865	.19689
#1	12.498	.49281	.49215	.49629	2.5372	.46358	.49435
#2	12.482	.49244	.49195	.49456	2.5529	.46098	.49573

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49928	4.9376	.48846	.49969	.51016	12.237	.94401
SDev	.00281	.0034	.00013	.00013	.00035	.057	.00076
%RSD	.56359	.06967	.02704	.02557	.06850	.46695	.08059
#1	.49729	4.9400	.48855	.49978	.50991	12.278	.94455
#2	.50127	4.9352	.48836	.49960	.51041	12.197	.94348

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24780	12.825	12.033	.24873	.51237	.49948	.50262
SDev	.00017	.030	.075	.00029	.00369	.00208	.00072
%RSD	.06877	.23260	.62466	.11755	.72000	.41554	.14357
#1	.24768	12.846	12.086	.24894	.50976	.49801	.50313
#2	.24792	12.804	11.979	.24852	.51498	.50095	.50211

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49993	.50861	.48494	.50009	.48468	.50664
SDev	.00001	.00056	.00291	.00001	.00537	.00153
%RSD	.00265	.11103	.60081	.00105	1.1088	.30275
#1	.49994	.50901	.48288	.50008	.48088	.50556
#2	.49992	.50821	.48700	.50009	.48848	.50773

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41424	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1041281	--	--	--	--	--	--
#1	41454	--	--	--	--	--	--
#2	41393	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/05/12 09:38:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01817	.00052	.00197	-.00009	-.00023	.00094	-.00013
SDev	.00109	.00149	.00175	.00004	.00001	.00031	.00007

%RSD	5.9825	286.49	88.515	39.055	5.2736	33.327	54.145
#1	.01740	-.00053	.00321	-.00007	-.00022	.00072	-.00017
#2	.01894	.00157	.00074	-.00012	-.00024	.00116	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03347	.00032	-.00011	-.00155	-.01181	.00006	-.00004
SDev	.00007	.00015	.00061	.00021	.02791	.00001	.00067
%RSD	.21076	46.911	570.48	13.736	236.22	14.315	1804.0

#1	-.03342	.00021	-.00054	-.00140	-.03155	.00005	-.00051
#2	-.03352	.00042	.00032	-.00170	.00792	.00007	.00044
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	-.00262	-.00000	.00116	-.00033	-.01863	-.00563
SDev	.00328	.00059	.00002	.00068	.00096	.00045	.00008
%RSD	509.99	22.677	3806.2	58.586	288.35	2.4404	1.3887
#1	.00296	-.00304	.00001	.00164	-.00102	-.01895	-.00558
#2	-.00167	-.00220	-.00001	.00068	.00035	-.01831	-.00569
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	-.02446	-.01740	-.00006	.00316	.00021	.00009
SDev	.00084	.18888	.00079	.00001	.00215	.00016	.00001
%RSD	596.64	772.34	4.5654	21.916	68.032	77.087	7.3662
#1	-.00073	-.15801	-.01684	-.00007	.00468	.00032	.00009
#2	.00045	.10910	-.01796	-.00005	.00164	.00009	.00009
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	-.00003	-.00287	-.00112	.00050	-.00025	.00109	
SDev	.00005	.00011	.00377	.00088	.00163	.00410	
%RSD	170.19	3.7542	336.61	174.45	659.23	376.83	
#1	-.00007	-.00294	-.00379	.00113	.00091	.00398	
#2	.00001	-.00279	.00155	-.00012	-.00140	-.00181	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41082	--	--	--	--	--	--
SDev	101.1163	--	--	--	--	--	--
%RSD	.2461298	--	--	--	--	--	--
#1	41011	--	--	--	--	--	--
#2	41154	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-3-a Operator: DCL
Run Time: 04/05/12 09:42:14
Comment: TRACE 61E

Analysis Report 04/05/12 09:46:01 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	184.45	.00510	.19704	1.5667	.01327	.07298	-.00139
SDev	.45	.00222	.00235	.0024	.00000	.00009	.00016
%RSD	.24138	43.450	1.1908	.15246	.02016	.12267	11.459
#1	184.76	.00354	.19870	1.5684	.01327	.07305	-.00128
#2	184.13	.00667	.19538	1.5650	.01327	.07292	-.00151
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	859.02	.24577	.13746	.24872	264.29	.13749	.19584
SDev	1.43	.00032	.00082	.00035	.35	.00038	.00102
%RSD	.16673	.12913	.59464	.14204	.13057	.27548	.51995
#1	860.03	.24599	.13803	.24897	264.53	.13775	.19512
#2	858.00	.24555	.13688	.24847	264.05	.13722	.19656

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00571	30.059	11.321	.01206	.39336	34.318	8.7683
SDev	.00031	.031	.015	.00025	.00187	.118	.0078
%RSD	5.4683	.10228	.13222	2.0465	.47642	.34491	.08938
#1	-.00549	30.081	11.332	.01223	.39468	34.401	8.7738
#2	-.00593	30.038	11.311	.01188	.39203	34.234	8.7627

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00296	2.7202	3.0763	3.9701	-.01960	.03340	.34548
SDev	.00022	.0881	.0116	.0056	.00156	.00084	.00027
%RSD	7.5066	3.2372	.37675	.14111	7.9674	2.5011	.07716
#1	-.00281	2.7824	3.0845	3.9740	-.01849	.03400	.34567
#2	-.00312	2.6579	3.0681	3.9661	-.02070	.03281	.34529

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78853	.81602	.17019	.20866	-.01193	-.00261
SDev	.00077	.00073	.00019	.00162	.00297	.00101
%RSD	.09762	.08977	.11270	.77795	24.867	38.954
#1	.78907	.81654	.17033	.20751	-.00983	-.00332
#2	.78799	.81550	.17006	.20980	-.01403	-.00189

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46272	--	--	--	--	--	--
SDev	177.4838	--	--	--	--	--	--
%RSD	.3835622	--	--	--	--	--	--
#1	46147	--	--	--	--	--	--
#2	46398	--	--	--	--	--	--

Analysis Report 04/05/12 09:46:01 AM page 15

Method: 20076010 Sample Name: 600-52867-a-4-a Operator: DCL
Run Time: 04/05/12 09:46:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	136.40	.00326	.16113	1.1871	.01086	.09457	-.00060
SDev	.26	.00015	.00183	.0023	.00000	.00036	.00018
%RSD	.19129	4.4866	1.1356	.19487	.03736	.38518	29.764
#1	136.59	.00316	.16242	1.1887	.01086	.09483	-.00072
#2	136.22	.00337	.15984	1.1855	.01086	.09432	-.00047

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	917.38	.19054	.12035	.22625	236.34	.11879	.23301
SDev	.26	.00020	.00006	.00116	.14	.00030	.00032
%RSD	.02813	.10735	.04657	.51155	.05744	.25375	.13533
#1	917.20	.19069	.12039	.22707	236.44	.11900	.23279
#2	917.56	.19040	.12031	.22543	236.24	.11857	.23323

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	26.105	8.1422	.01076	.32513	33.545	8.3980
SDev	.00172	.015	.0062	.00037	.00012	.096	.0155
%RSD	381.53	.05678	.07608	3.4107	.03650	.28762	.18405
#1	-.00166	26.115	8.1466	.01102	.32504	33.613	8.4090
#2	.00076	26.094	8.1378	.01050	.32521	33.477	8.3871

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00270	1.8977	2.1697	4.6632	-.02071	.03455	.31282
SDev	.00008	.0154	.0097	.0124	.00268	.00128	.00121
%RSD	2.9089	.81010	.44618	.26690	12.928	3.7118	.38704
#1	-.00265	1.9086	2.1766	4.6720	-.02260	.03546	.31368
#2	-.00276	1.8869	2.1629	4.6544	-.01881	.03365	.31196

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53538	.91612	.21069	.24417	-.00496	.00180
SDev	.00008	.00199	.00020	.00037	.00369	.00073
%RSD	.01508	.21767	.09679	.15196	74.459	40.390
#1	.53544	.91753	.21055	.24391	-.00757	.00129
#2	.53532	.91471	.21084	.24443	-.00235	.00232

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44593	--	--	--	--	--	--

Analysis Report 04/05/12 09:49:52 AM page 16

SDev	38.18377	--	--	--	--	--	--
%RSD	.0856273	--	--	--	--	--	--
#1	44566	--	--	--	--	--	--
#2	44620	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-5-a Operator: DCL
Run Time: 04/05/12 09:49:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	209.83	.02774	.20344	1.6811	.01479	.06013	.13049
SDev	1.17	.00002	.00321	.0066	.00006	.00001	.00026
%RSD	.55784	.06381	1.5770	.39115	.42766	.02045	.19963

#1	209.01	.02772	.20117	1.6764	.01474	.06014	.13030
#2	210.66	.02775	.20571	1.6857	.01483	.06012	.13067

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	929.47	.26152	.08421	.34496	206.66	.17459	4.8791
SDev	3.28	.00077	.00012	.00174	.72	.00115	.0282
%RSD	.35238	.29310	.14248	.50344	.35072	.65841	.57798

#1	927.15	.26098	.08412	.34373	206.14	.17378	4.8591
#2	931.78	.26206	.08429	.34619	207.17	.17540	4.8990

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00230	33.386	4.0391	.00438	.29051	33.054	9.6141
SDev	.00039	.115	.0133	.00004	.00145	.227	.0400
%RSD	17.131	.34317	.32970	.99285	.49758	.68820	.41620

#1	-.00258	33.305	4.0297	.00441	.28949	32.893	9.5858
#2	-.00202	33.467	4.0485	.00435	.29154	33.214	9.6424

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00259	1.3924	1.6273	3.4859	-.01474	.07542	.27626
SDev	.00019	.0814	.0153	.0141	.00026	.00160	.00064
%RSD	7.3750	5.8442	.94068	.40445	1.7477	2.1142	.23136

#1	-.00246	1.4499	1.6165	3.4760	-.01456	.07655	.27580
#2	-.00273	1.3348	1.6381	3.4959	-.01492	.07429	.27671

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62637	1.0591	4.7669	4.9352	-.00627	-.00031
SDev	.00221	.0047	.0268	.0289	.00257	.00069
%RSD	.35214	.44379	.56208	.58565	41.008	222.39

#1	.62481	1.0558	4.7479	4.9147	-.00808	.00018
#2	.62793	1.0625	4.7858	4.9556	-.00445	-.00080

Analysis Report 04/05/12 09:53:43 AM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44546	--	--	--	--	--	--
SDev	125.8650	--	--	--	--	--	--
%RSD	.2825506	--	--	--	--	--	--

#1	44635	--	--	--	--	--	--
#2	44457	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-6-a Operator: DCL
Run Time: 04/05/12 09:53:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	153.77	.00282	.24460	1.3233	.01475	.08252	-.00465
SDev	.26	.00047	.00043	.0019	.00001	.00101	.00010
%RSD	.16986	16.808	.17421	.14284	.03087	1.2186	2.2419
#1	153.95	.00316	.24490	1.3246	.01474	.08181	-.00472
#2	153.58	.00249	.24430	1.3219	.01475	.08323	-.00457
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	803.18	.22033	.17785	.22841	358.90	.16205	.22361
SDev	.99	.00002	.00036	.00043	.32	.00032	.00025
%RSD	.12274	.01105	.20417	.18825	.09014	.19517	.11173
#1	803.88	.22035	.17810	.22871	359.13	.16227	.22378
#2	802.48	.22031	.17759	.22811	358.67	.16182	.22343
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00565	24.820	8.5837	.01422	.38535	29.564	5.9619
SDev	.00125	.032	.0099	.00051	.00001	.045	.0113
%RSD	22.179	.12730	.11575	3.5744	.00349	.15334	.19005
#1	-.00654	24.842	8.5908	.01458	.38536	29.596	5.9699
#2	-.00477	24.797	8.5767	.01386	.38534	29.532	5.9539
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00471	2.3530	2.6901	4.3674	-.02631	.02878	.35316
SDev	.00007	.0108	.0039	.0041	.00568	.00030	.00030
%RSD	1.5148	.45754	.14385	.09468	21.587	1.0371	.08595
#1	-.00476	2.3606	2.6928	4.3703	-.02229	.02900	.35337
#2	-.00466	2.3454	2.6874	4.3644	-.03032	.02857	.35294
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.67945	.94340	.19543	.23769	-.01151	-.00273	
SDev	.00097	.00079	.00341	.00133	.00143	.00260	
%RSD	.14271	.08419	1.7455	.55994	12.421	95.190	

#1	.68014	.94397	.19784	.23675	-.01050	-.00456
#2	.67877	.94284	.19302	.23863	-.01252	-.00089

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	49102	--	--	--	--	--	--
SDev	159.0990	--	--	--	--	--	--
%RSD	.3240141	--	--	--	--	--	--
#1	48990	--	--	--	--	--	--
#2	49215	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-7-a Operator: DCL
Run Time: 04/05/12 09:57:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	153.62	.00448	.17628	1.2593	.01201	.08109	-.00127
SDev	.21	.00180	.00017	.0021	.00002	.00066	.00005
%RSD	.13460	40.094	.09703	.16548	.16933	.81801	3.8821
#1	153.76	.00321	.17640	1.2608	.01202	.08155	-.00123
#2	153.47	.00576	.17615	1.2579	.01199	.08062	-.00130

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	833.75	.20636	.12254	.22003	257.08	.13211	.25626
SDev	.67	.00037	.00044	.00036	.46	.00016	.00116
%RSD	.08092	.18125	.36033	.16485	.17824	.11946	.45315
#1	834.23	.20662	.12285	.22028	257.41	.13222	.25544
#2	833.27	.20610	.12223	.21977	256.76	.13199	.25709

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	26.990	8.0869	.01099	.32688	34.490	6.9109
SDev	.00100	.034	.0120	.00036	.00145	.027	.0113
%RSD	34.951	.12670	.14809	3.3101	.44378	.07857	.16299
#1	-.00357	27.015	8.0954	.01124	.32791	34.509	6.9189
#2	-.00215	26.966	8.0785	.01073	.32586	34.471	6.9030

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00351	1.7745	2.0466	4.1464	-.01742	.03227	.28788
SDev	.00037	.0405	.0036	.0061	.00310	.00468	.00052
%RSD	10.460	2.2845	.17783	.14745	17.767	14.488	.18163
#1	-.00325	1.8031	2.0491	4.1507	-.01523	.03558	.28825
#2	-.00377	1.7458	2.0440	4.1420	-.01961	.02896	.28751

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 04/05/12 10:01:25 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60007	.89159	.22939	.26970	-.01122	.00132
SDev	.00099	.00175	.00007	.00178	.00485	.00392
%RSD	.16435	.19629	.03001	.65861	43.232	298.34
#1	.60077	.89283	.22944	.26844	-.00779	-.00146
#2	.59937	.89035	.22935	.27096	-.01465	.00409

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45390	--	--	--	--	--	--
SDev	99.70206	--	--	--	--	--	--
%RSD	.2196588	--	--	--	--	--	--
#1	45460	--	--	--	--	--	--
#2	45319	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-8-a Operator: DCL
Run Time: 04/05/12 10:01:28
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	181.54	.00332	.16430	1.4661	.01313	.06762	-.00192
SDev	.25	.00116	.00143	.0029	.00004	.00109	.00011
%RSD	.13866	34.851	.86799	.19443	.32405	1.6172	5.6372
#1	181.72	.00414	.16531	1.4682	.01316	.06840	-.00184
#2	181.36	.00250	.16330	1.4641	.01310	.06685	-.00199

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	770.24	.23069	.11619	.21617	253.11	.14461	.23334
SDev	.92	.00018	.00000	.00070	.30	.00014	.00066
%RSD	.11935	.07947	.00247	.32589	.11920	.09665	.28477
#1	770.89	.23082	.11619	.21667	253.32	.14470	.23381
#2	769.59	.23056	.11619	.21567	252.90	.14451	.23287

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00333	28.456	8.4308	.00874	.33041	30.965	8.3328
SDev	.00245	.039	.0129	.00109	.00048	.035	.0144
%RSD	73.733	.13823	.15256	12.452	.14453	.11196	.17253
#1	-.00159	28.483	8.4399	.00951	.33074	30.989	8.3430
#2	-.00506	28.428	8.4217	.00797	.33007	30.940	8.3226

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00349	1.2850	1.7006	3.3359	-.01836	.03224	.31945
SDev	.00013	.0084	.0013	.0045	.00089	.00118	.00091
%RSD	3.5992	.65208	.07792	.13449	4.8594	3.6678	.28532

#1	-.00358	1.2909	1.6997	3.3391	-.01773	.03140	.32009
#2	-.00341	1.2791	1.7015	3.3328	-.01899	.03307	.31880

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66581	.78842	.20765	.24618	-.00906	-.00046
SDev	.00126	.00104	.00454	.00326	.00148	.00442
%RSD	.18979	.13181	2.1843	1.3260	16.365	955.43
#1	.66670	.78916	.20444	.24849	-.01011	.00266
#2	.66491	.78769	.21085	.24387	-.00801	-.00359

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45320	--	--	--	--	--	--
SDev	70.71068	--	--	--	--	--	--
%RSD	.1560253	--	--	--	--	--	--
#1	45270	--	--	--	--	--	--
#2	45370	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-9-a Operator: DCL

Run Time: 04/05/12 10:05:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	180.12	.01278	.18152	1.5714	.01279	.05833	.01013
SDev	.66	.00021	.00206	.0052	.00006	.00043	.00001
%RSD	.36481	1.6743	1.1349	.32926	.45173	.73387	.06508
#1	180.58	.01293	.18006	1.5751	.01283	.05802	.01013
#2	179.65	.01262	.18297	1.5677	.01275	.05863	.01014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	973.22	.23874	.11128	.24649	223.74	.13212	1.1146
SDev	6.27	.00125	.00103	.00121	1.15	.00022	.0080
%RSD	.64400	.52411	.93039	.48915	.51408	.16360	.71978
#1	977.65	.23962	.11201	.24734	224.55	.13227	1.1203
#2	968.79	.23785	.11055	.24564	222.92	.13197	1.1090

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00167	30.128	7.6806	.00843	.35202	29.681	8.9719
SDev	.00316	.180	.0386	.00078	.00253	.062	.0392
%RSD	189.54	.59736	.50271	9.3069	.71793	.20756	.43660
#1	-.00390	30.255	7.7079	.00899	.35381	29.724	8.9995
#2	.00057	30.001	7.6533	.00788	.35023	29.637	8.9442

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00321	1.5840	1.9556	4.2853	-.01567	.03525	.29108
SDev	.00023	.0406	.0024	.0144	.00322	.00040	.00136
%RSD	7.2863	2.5642	.12079	.33651	20.534	1.1470	.46675
#1	-.00305	1.6128	1.9573	4.2955	-.01339	.03496	.29204
#2	-.00338	1.5553	1.9540	4.2751	-.01794	.03553	.29012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68448	.81831	1.0688	1.1375	-.00441	-.00030
SDev	.00286	.00332	.0116	.0063	.00131	.00409
%RSD	.41835	.40632	1.0819	.54964	29.617	1382.2
#1	.68651	.82066	1.0770	1.1420	-.00534	-.00319
#2	.68246	.81596	1.0607	1.1331	-.00349	.00260

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44752	--	--	--	--	--	--
SDev	371.2310	--	--	--	--	--	--
%RSD	.8295388	--	--	--	--	--	--
#1	44489	--	--	--	--	--	--
#2	45014	--	--	--	--	--	--

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Method: 20076010   Sample Name: 600-52867-a-10-a       Operator: DCL
Run Time: 04/05/12 10:09:09
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    176.16    .00714    .15979    1.5229    .01253    .05583    .00198
 SDev       .19    .00093    .00145     .0014    .00002    .00001    .00003
 %RSD    .10579    13.053    .90528    .09390    .15091    .01639    1.5242

 #1      176.29    .00780    .15876    1.5239    .01254    .05582    .00201
 #2      176.02    .00648    .16081    1.5219    .01252    .05583    .00196

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    928.25    .23173    .11370    .23212    223.82    .12926    .39026
 SDev       .82    .00031    .00022    .00044       .32    .00017    .00023
 %RSD    .08835    .13220    .19115    .19136    .14429    .12811    .06013

 #1      928.83    .23195    .11385    .23243    224.04    .12937    .39009
 #2      927.67    .23152    .11354    .23180    223.59    .12914    .39042

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00511   29.118    7.9677    .00844    .33726    24.871    8.8696
 SDev     .00297     .003     .0055    .00084    .00034      .016     .0077
 %RSD    58.077    .01058    .06957    9.9760    .10236    .06478    .08683

 #1      -.00720   29.120    7.9716    .00904    .33750    24.882    8.8750

Analysis Report                          04/05/12 10:12:57 AM        page 22


 #2      -.00301   29.116    7.9638    .00785    .33701    24.859    8.8641

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00269   1.3437    1.6660    4.0950    -.01589   .03296    .31845
 SDev     .00050    .0257     .0008     .0032     .00121   .00262    .00068
 %RSD    18.713    1.9098    .04591    .07745    7.6379    7.9382    .21475

 #1      -.00234   1.3619    1.6665    4.0973    -.01504   .03481    .31893
 #2      -.00305   1.3256    1.6655    4.0928    -.01675   .03111    .31797

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .69003    .74775    .36039    .40519    -.00908   -.00312
 SDev    .00055    .00034    .00036    .00017     .00739    .00075
 %RSD    .07965    .04498    .09888    .04290    81.461    24.067

 #1      .69041    .74751    .36013    .40507    -.01430   -.00365
 #2      .68964    .74799    .36064    .40531    -.00385   -.00259

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    44872     --        --        --        --        --        --
 SDev    3.535534  --        --        --        --        --        --
 %RSD    .0078792  --        --        --        --        --        --
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#1	44869	--	--	--	--	--	--
#2	44874	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-10-b du Operator: DCL
Run Time: 04/05/12 10:13:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	172.08	.00893	.16631	1.5305	.01240	.05887	.01503
SDev	.42	.00059	.00120	.0018	.00002	.00010	.00025
%RSD	.24680	6.6008	.71940	.11828	.13118	.17572	1.6511
#1	172.38	.00852	.16715	1.5318	.01241	.05880	.01521
#2	171.78	.00935	.16546	1.5292	.01239	.05895	.01486

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	957.57	.22795	.11498	.24673	224.05	.12826	1.0520
SDev	1.20	.00021	.00009	.00027	.24	.00034	.0011
%RSD	.12583	.09431	.07776	.10939	.10602	.26499	.10034
#1	958.42	.22810	.11504	.24693	223.88	.12850	1.0528
#2	956.72	.22779	.11492	.24654	224.22	.12802	1.0513

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00361	29.251	8.0647	.00788	.34216	26.407	7.9528

SDev	.00162	.027	.0046	.00009	.00159	.109	.0105
%RSD	44.816	.09373	.05708	1.0807	.46347	.41090	.13167
#1	-.00246	29.271	8.0680	.00782	.34328	26.484	7.9602
#2	-.00475	29.232	8.0615	.00794	.34103	26.330	7.9454

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	1.4009	1.6927	4.2511	-.01551	.04125	.29336
SDev	.00025	.0315	.0081	.0011	.00138	.00011	.00022
%RSD	8.8830	2.2498	.47993	.02498	8.8979	.26140	.07482
#1	-.00268	1.3786	1.6985	4.2519	-.01648	.04132	.29351
#2	-.00303	1.4232	1.6870	4.2504	-.01453	.04117	.29320

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67046	.81491	1.0048	1.0756	-.00538	-.00272
SDev	.00028	.00061	.0018	.0007	.00016	.00250
%RSD	.04188	.07503	.17422	.06584	2.9573	92.149
#1	.67066	.81534	1.0061	1.0761	-.00550	-.00095
#2	.67026	.81448	1.0036	1.0751	-.00527	-.00449

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44536	--	--	--	--	--	--

SDev	152.7351	--	--	--	--	--	--
%RSD	.3429474	--	--	--	--	--	--
#1	44428	--	--	--	--	--	--
#2	44644	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-10-c ms Operator: DCL
Run Time: 04/05/12 10:16:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	222.12	.33247	1.0367	2.3811	.43148	.67739	.43237
SDev	.56	.00102	.0042	.0058	.00063	.00136	.00125
%RSD	.25249	.30577	.40507	.24380	.14493	.20119	.28876
#1	222.52	.33319	1.0337	2.3852	.43192	.67835	.43326
#2	221.73	.33175	1.0397	2.3770	.43104	.67643	.43149

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	982.28	1.0880	.92207	1.1567	245.93	.66481	2.6520
SDev	1.08	.0019	.00239	.0030	.39	.00188	.0070
%RSD	.10998	.17370	.25935	.26315	.15845	.28354	.26444
#1	983.04	1.0894	.92376	1.1589	246.20	.66615	2.6570

#2	981.51	1.0867	.92038	1.1546	245.65	.66348	2.6471

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81109	42.428	8.9553	.76357	1.1789	42.136	8.1642
SDev	.00019	.083	.0157	.00140	.0027	.125	.0191
%RSD	.02308	.19667	.17558	.18292	.22666	.29695	.23449
#1	.81095	42.487	8.9664	.76258	1.1808	42.225	8.1777
#2	.81122	42.369	8.9441	.76456	1.1770	42.048	8.1507

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46579	12.220	13.414	4.9718	.84921	.83291	.64707
SDev	.00123	.016	.051	.0110	.00229	.00322	.00136
%RSD	.26319	.13132	.37666	.22041	.26994	.38698	.21095
#1	.46666	12.231	13.450	4.9796	.84759	.83519	.64804
#2	.46492	12.208	13.379	4.9641	.85083	.83063	.64610

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5593	1.7767	2.5521	2.7020	.77486	.82920
SDev	.0030	.0032	.0076	.0067	.00186	.00065
%RSD	.19313	.18094	.29761	.24877	.24010	.07832
#1	1.5614	1.7789	2.5575	2.7068	.77355	.82966
#2	1.5571	1.7744	2.5467	2.6973	.77618	.82874

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43888	--	--	--	--	--	--
SDev	41.71930	--	--	--	--	--	--
%RSD	.0950596	--	--	--	--	--	--
#1	43858	--	--	--	--	--	--
#2	43917	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00001 Operator: DCL
Run Time: 04/05/12 10:20:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4680	.50321	.50463	.50436	.49482	.50215	.51247
SDev	.0076	.00511	.00598	.00238	.00259	.00181	.00157
%RSD	.30600	1.0159	1.1861	.47107	.52398	.36038	.30609
#1	2.4733	.50683	.50886	.50604	.49665	.50343	.51357
#2	2.4627	.49960	.50040	.50268	.49298	.50087	.51136

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.605	.49180	.49003	.49413	2.5838	.46852	.49868
SDev	.048	.00289	.00162	.00091	.0184	.00183	.00161
%RSD	.38252	.58827	.33068	.18337	.71312	.39084	.32249
#1	12.640	.49385	.49118	.49477	2.5708	.46981	.49982
#2	12.571	.48976	.48889	.49349	2.5969	.46722	.49754

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49837	4.9528	.48756	.50591	.51834	12.434	.95359
SDev	.00093	.0222	.00234	.00080	.00004	.017	.00736
%RSD	.18556	.44775	.48019	.15753	.00745	.13591	.77173
#1	.49772	4.9685	.48921	.50647	.51831	12.446	.95880
#2	.49903	4.9371	.48590	.50535	.51836	12.422	.94839

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24999	12.973	12.176	.25157	.52780	.49716	.50502
SDev	.00026	.167	.028	.00102	.00101	.00403	.00239
%RSD	.10262	1.2856	.22822	.40544	.19183	.81035	.47371
#1	.25018	12.855	12.195	.25229	.52852	.50001	.50671
#2	.24981	13.091	12.156	.25085	.52709	.49431	.50333

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49927	.51396	.48139	.50732	.47785	.50869
SDev	.00253	.00205	.00090	.00196	.00041	.00118
%RSD	.50604	.39963	.18716	.38670	.08585	.23230
#1	.50105	.51541	.48203	.50871	.47756	.50786
#2	.49748	.51251	.48075	.50593	.47814	.50953

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40821	--	--	--	--	--	--
SDev	31.11270	--	--	--	--	--	--
%RSD	.0762174	--	--	--	--	--	--
#1	40799	--	--	--	--	--	--
#2	40843	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/05/12 10:24:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02641	.00045	.00103	-.00010	-.00038	.00086	-.00014
SDev	.00058	.00222	.00048	.00002	.00002	.00053	.00002
%RSD	2.2015	492.35	46.697	21.879	5.0491	62.044	12.827

#1	.02682	.00202	.00069	-.00008	-.00037	.00123	-.00016
#2	.02600	-.00112	.00137	-.00011	-.00040	.00048	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02297	.00017	-.00057	-.00213	-.01807	.00009	.00017
SDev	.00062	.00039	.00026	.00034	.00078	.00009	.00059
%RSD	2.7090	228.92	44.929	16.077	4.3141	93.132	350.35
#1	-.02342	.00045	-.00075	-.00189	-.01752	.00015	.00058
#2	-.02253	-.00011	-.00039	-.00237	-.01863	.00003	-.00025

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00259	-.00410	.00004	.00149	-.00065	-.02847	-.00455
SDev	.00183	.00375	.00004	.00188	.00027	.03649	.00248
%RSD	70.538	91.388	98.145	126.45	41.375	128.16	54.574
#1	.00130	-.00145	.00006	.00282	-.00084	-.00267	-.00279
#2	.00388	-.00675	.00001	.00016	-.00046	-.05428	-.00630

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	-.07631	-.01416	-.00006	.00105	-.00004	.00006
SDev	.00000	.15125	.00226	.00003	.00141	.00023	.00007
%RSD	.54180	198.20	15.934	43.417	133.96	651.65	119.77
#1	-.00058	-.18326	-.01256	-.00004	.00205	-.00020	.00010
#2	-.00057	.03064	-.01575	-.00008	.00006	.00013	.00001

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00199	-.00307	.00179	.00077	.00350
SDev	.00043	.00004	.00396	.00286	.00296	.00126
%RSD	762.55	2.1002	129.21	160.33	386.30	36.061

#1	.00036	-.00196	-.00587	.00381	-.00132	.00261
#2	-.00025	-.00202	-.00026	-.00024	.00285	.00440

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41109	--	--	--	--	--	--
SDev	144.2498	--	--	--	--	--	--
%RSD	.3508959	--	--	--	--	--	--
#1	41007	--	--	--	--	--	--
#2	41211	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52867-a-10-d msd Operator: DCL
Run Time: 04/05/12 10:28:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	240.25	.29557	1.0384	2.4661	.43044	.64760	.41751
SDev	.53	.00142	.0030	.0051	.00003	.00032	.00049
%RSD	.22121	.48064	.28907	.20529	.00679	.04883	.11754
#1	240.62	.29457	1.0363	2.4697	.43042	.64783	.41786
#2	239.87	.29658	1.0405	2.4626	.43046	.64738	.41716

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	972.14	1.1047	.92036	1.1624	263.14	.67895	2.4609
SDev	.64	.0001	.00107	.0024	.12	.00186	.0038
%RSD	.06570	.00700	.11609	.20506	.04705	.27413	.15510
#1	972.60	1.1047	.92111	1.1641	263.23	.68027	2.4582
#2	971.69	1.1046	.91960	1.1607	263.05	.67763	2.4636

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80172	44.169	9.0864	.73720	1.1896	42.828	10.545
SDev	.00303	.015	.0080	.00209	.0018	.137	.005
%RSD	.37836	.03455	.08768	.28371	.15280	.31964	.04542
#1	.79957	44.158	9.0920	.73572	1.1909	42.925	10.549
#2	.80386	44.179	9.0808	.73868	1.1883	42.731	10.542

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46461	12.314	13.521	4.9981	.85236	.81325	.62914
SDev	.00103	.005	.041	.0085	.00034	.00108	.00083
%RSD	.22188	.04421	.30221	.16969	.04034	.13301	.13146
#1	.46534	12.310	13.550	5.0041	.85212	.81402	.62972
#2	.46388	12.318	13.492	4.9921	.85261	.81249	.62855

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6116	1.7839	2.3600	2.5113	.76078	.82218

SDev	.0009	.0007	.0014	.0050	.00693	.00802
%RSD	.05354	.03648	.06116	.19923	.91138	.97507
#1	1.6122	1.7843	2.3589	2.5078	.76568	.81651
#2	1.6110	1.7834	2.3610	2.5149	.75588	.82785

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44374	--	--	--	--	--	--
SDev	180.3122	--	--	--	--	--	--
%RSD	.4063511	--	--	--	--	--	--
#1	44246	--	--	--	--	--	--
#2	44501	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-76449/28-a Operator: DCL
Run Time: 04/05/12 10:32:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02859	.00378	.00074	.00029	-.00046	-.00138	.00003
SDev	.00652	.00048	.00037	.00001	.00000	.00018	.00011
%RSD	22.788	12.796	50.705	3.4653	.96741	13.276	419.37
#1	.03320	.00412	.00100	.00028	-.00046	-.00125	.00010
#2	.02399	.00344	.00047	.00029	-.00045	-.00151	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34176	.00015	-.00044	-.00221	.02153	.00034	.00084
SDev	.03191	.00027	.00019	.00032	.02599	.00012	.00061
%RSD	9.3356	183.12	43.791	14.571	120.69	34.038	73.530
#1	.36432	-.00004	-.00030	-.00244	.03991	.00042	.00127
#2	.31920	.00034	-.00057	-.00198	.00316	.00026	.00040

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.01508	.00039	.00166	-.00039	.04546	.00417
SDev	.00208	.00839	.00017	.00158	.00068	.05631	.00553
%RSD	236.97	55.618	44.301	95.497	174.38	123.87	132.84
#1	.00235	.02101	.00051	.00277	.00009	.08528	.00808
#2	-.00059	.00915	.00027	.00054	-.00087	.00564	.00025

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.17031	.06628	.00002	-.00170	.00085	.00021
SDev	.00053	.15464	.00530	.00008	.00381	.00102	.00011
%RSD	374.34	90.802	7.9938	539.79	224.39	119.80	52.701
#1	.00052	.27965	.07003	.00007	.00100	.00157	.00029
#2	-.00023	.06096	.06254	-.00004	-.00439	.00013	.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.01799	.00081	.00085	-.00467	.00365
SDev	.00017	.00050	.00107	.00146	.00050	.00287
%RSD	148.26	2.7567	132.30	171.63	10.660	78.723
#1	-.00023	.01834	.00005	.00188	-.00431	.00568
#2	.00001	.01764	.00157	-.00018	-.00502	.00162

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40520	--	--	--	--	--	--
SDev	580.5347	--	--	--	--	--	--
%RSD	1.432694	--	--	--	--	--	--

#1	40110	--	--	--	--	--
#2	40931	--	--	--	--	--

Method: 20076010 Sample Name: 600-52989-b-1-a Operator: DCL
Run Time: 04/05/12 10:36:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09291	.00057	.00685	.01620	-.00049	-.00061	-.00064
SDev	.00055	.00297	.00094	.00005	.00000	.00097	.00008
%RSD	.59613	516.58	13.702	.30431	.18793	158.39	12.191
#1	.09252	-.00152	.00752	.01616	-.00049	-.00130	-.00069
#2	.09331	.00267	.00619	.01623	-.00049	.00007	-.00058

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1479	2.2178	.00566	6.4954	24.327	.00131	.17292
SDev	.0036	.0015	.00035	.0083	.027	.00002	.00047
%RSD	.31656	.06749	6.1918	.12711	.10950	1.5835	.26972
#1	1.1454	2.2167	.00541	6.5013	24.309	.00132	.17259
#2	1.1505	2.2188	.00590	6.4896	24.346	.00129	.17325

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00584	.08507	11.782	.16911	.91285	.43366	.12520
SDev	.00085	.00005	.004	.00073	.00035	.00707	.00002
%RSD	14.528	.06278	.03775	.43001	.03786	1.6311	.01568
#1	.00524	.08503	11.779	.16962	.91261	.43866	.12519
#2	.00644	.08510	11.785	.16859	.91309	.42866	.12522

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	37.519	33.365	.00788	-.01155	.01092	.11856
SDev	.00009	.014	.082	.00005	.00010	.00119	.00020
%RSD	33.390	.03787	.24450	.65299	.83897	10.863	.17290
#1	.00020	37.529	33.422	.00784	-.01148	.01175	.11841

#2	.00033	37.509	33.307	.00792	-.01162	.01008	.11870

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00986	.03770	.16491	.17693	.00280	.00736
SDev	.00016	.00006	.00021	.00080	.00269	.00007
%RSD	1.6623	.16028	.12532	.45383	96.044	.98844
#1	.00975	.03774	.16505	.17637	.00090	.00741
#2	.00998	.03765	.16476	.17750	.00470	.00731

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41048	--	--	--	--	--	--
SDev	32.52691	--	--	--	--	--	--
%RSD	.0792412	--	--	--	--	--	--
#1	41025	--	--	--	--	--	--
#2	41071	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53045-a-1-a Operator: DCL
Run Time: 04/05/12 10:39:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	149.24	.00513	.31549	5.5010	.00996	.03424	.00921
SDev	.15	.00160	.00099	.0015	.00002	.00011	.00013
%RSD	.09884	31.211	.31336	.02772	.20541	.31381	1.4243
#1	149.13	.00626	.31619	5.5021	.00997	.03432	.00930
#2	149.34	.00400	.31479	5.5000	.00995	.03417	.00911

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	60.092	.28424	.08492	1.9645	201.54	.13053	1.7845
SDev	.038	.00044	.00003	.0006	.14	.00013	.0027
%RSD	.06402	.15610	.03978	.02989	.07011	.09877	.14971
#1	60.119	.28456	.08495	1.9641	201.64	.13044	1.7864
#2	60.065	.28393	.08490	1.9649	201.44	.13062	1.7826

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00631	18.514	1.4182	.01730	.15972	9.4530	7.0947
SDev	.00148	.001	.0013	.00003	.00040	.0168	.0076
%RSD	23.539	.00441	.09511	.16613	.25383	.17751	.10766
#1	.00526	18.514	1.4191	.01728	.15943	9.4412	7.0893
#2	.00735	18.515	1.4172	.01732	.16000	9.4649	7.1001

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02635	10.837	10.352	.51895	-.01052	.15986	.23210
SDev	.00021	.073	.035	.00028	.00107	.00147	.00028

```
 %RSD    .78048    .67007    .33517    .05355    10.151    .91874    .12142

 #1      .02649    10.889    10.328    .51915    -.00977   .16090    .23229
 #2      .02620    10.786    10.377    .51876    -.01128   .15883    .23190

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .26233    3.0335    1.7009    1.8264    .00143    .00874
 SDev    .00014     .0010     .0048     .0016    .00041    .00243
 %RSD    .05264    .03188    .28022    .08895    28.663    27.798

 #1      .26243    3.0341    1.7042    1.8275    .00172    .00703
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 #2      .26224    3.0328    1.6975    1.8252    .00114    .01046

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    45604     --        --        --        --        --        --
 SDev    116.6726  --        --        --        --        --        --
 %RSD    .2558358  --        --        --        --        --        --

 #1      45522     --        --        --        --        --        --
 #2      45687     --        --        --        --        --        --
-------------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-53045-a-1-b du     Operator: DCL
Run Time: 04/05/12 10:43:49
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    171.37    .00507    .37174    6.6749    .01031    .03687    .01072
 SDev       .31    .00045    .00114     .0145    .00000    .00007    .00006
 %RSD    .17942    8.9547    .30768    .21756    .04154    .18637    .60294

 #1      171.58    .00475    .37255    6.6851    .01031    .03682    .01077
 #2      171.15    .00539    .37093    6.6646    .01031    .03692    .01068

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    68.227    .33374    .08157    2.3475    225.67    .15675    2.1075
 SDev      .006    .00027    .00025     .0081       .04    .00033     .0119
 %RSD    .00901    .08090    .30552    .34438    .01621    .21146    .56236

 #1      68.231    .33393    .08174    2.3532    225.70    .15699    2.0991
 #2      68.222    .33355    .08139    2.3417    225.64    .15652    2.1158

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00450    19.324    1.4479    .01959    .18475    10.042    7.2078
 SDev    .00336      .008     .0010    .00023    .00029      .017     .0103
 %RSD    74.668    .04122    .06938    1.1909    .15539    .17100    .14342

 #1      .00688    19.318    1.4486    .01975    .18495    10.054    7.2151
 #2      .00213    19.329    1.4472    .01942    .18455    10.030    7.2005

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
```

Avge	.03336	11.103	10.623	.56938	-.01051	.18839	.23091
SDev	.00010	.035	.036	.00115	.00441	.00077	.00015
%RSD	.28659	.31713	.33627	.20164	42.014	.40995	.06681
#1	.03342	11.128	10.648	.57020	-.00739	.18893	.23102
#2	.03329	11.078	10.597	.56857	-.01363	.18784	.23080

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27678	3.4898	2.0013	2.1606	-.00443	.00897

SDev	.00017	.0001	.0050	.0153	.00169	.00420
%RSD	.06077	.00421	.25044	.70683	38.227	46.796
#1	.27666	3.4899	1.9977	2.1498	-.00323	.01194
#2	.27690	3.4897	2.0048	2.1713	-.00563	.00600

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45480	--	--	--	--	--	--
SDev	142.1285	--	--	--	--	--	--
%RSD	.3125111	--	--	--	--	--	--
#1	45580	--	--	--	--	--	--
#2	45379	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53045-a-1-c ms Operator: DCL
Run Time: 04/05/12 10:47:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	194.17	.28332	1.1935	6.4526	.45174	.67230	.45526
SDev	.91	.00265	.0004	.0336	.00010	.00107	.00014
%RSD	.46750	.93441	.03750	.52072	.02217	.15888	.02997
#1	194.82	.28145	1.1939	6.4764	.45167	.67306	.45536
#2	193.53	.28519	1.1932	6.4288	.45181	.67155	.45517

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.470	1.1959	.96315	2.9071	224.21	.63206	2.6120
SDev	.034	.0011	.00028	.0180	.13	.00410	.0035
%RSD	.04795	.08978	.02884	.61994	.05948	.64832	.13560
#1	71.446	1.1966	.96334	2.9198	224.31	.63496	2.6095
#2	71.494	1.1951	.96295	2.8943	224.12	.62916	2.6145

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80854	30.215	2.4929	.86112	1.1138	21.383	7.0683
SDev	.00083	.017	.0020	.00107	.0011	.135	.0268
%RSD	.10315	.05521	.08196	.12391	.10156	.63349	.37883
#1	.80795	30.204	2.4944	.86037	1.1146	21.479	7.0873
#2	.80913	30.227	2.4915	.86188	1.1130	21.287	7.0494

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48752	21.296	20.708	1.0174	.92577	.93454	.56829
SDev	.00109	.076	.157	.0048	.00367	.00105	.00132
%RSD	.22283	.35757	.76005	.47431	.39609	.11256	.23272
#1	.48828	21.350	20.819	1.0208	.92318	.93528	.56923
#2	.48675	21.242	20.597	1.0140	.92837	.93379	.56736

Analysis Report 04/05/12 10:51:28 AM page 33

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1971	3.7097	2.4820	2.6771	.75404	.83579
SDev	.0024	.0051	.0043	.0075	.00366	.00308
%RSD	.20211	.13845	.17515	.27965	.48580	.36882
#1	1.1988	3.7133	2.4851	2.6718	.75663	.83362
#2	1.1954	3.7061	2.4789	2.6823	.75145	.83797

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44906	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.0913290	--	--	--	--	--	--
#1	44935	--	--	--	--	--	--
#2	44877	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53045-a-1-d msd Operator: DCL
Run Time: 04/05/12 10:51:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	210.99	.27775	1.2321	7.7035	.44656	.64545	.45288
SDev	.08	.00127	.0012	.0028	.00015	.00060	.00126
%RSD	.03960	.45716	.09481	.03667	.03400	.09336	.27892
#1	211.05	.27685	1.2329	7.7055	.44645	.64503	.45199
#2	210.93	.27864	1.2313	7.7015	.44667	.64588	.45378

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.972	1.2223	.95078	3.2940	252.46	.64716	2.9506
SDev	.076	.0002	.00043	.0049	.17	.00093	.0090
%RSD	.10190	.01634	.04535	.14767	.06809	.14290	.30439
#1	74.918	1.2224	.95047	3.2975	252.34	.64781	2.9442
#2	75.026	1.2222	.95108	3.2906	252.58	.64650	2.9569

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79440	30.123	2.4724	.85549	1.1381	21.463	6.5642
SDev	.00203	.027	.0014	.00062	.0015	.026	.0014
%RSD	.25605	.09096	.05706	.07217	.13162	.12059	.02198
#1	.79296	30.104	2.4714	.85505	1.1391	21.481	6.5652

#2	.79584	30.142	2.4734	.85592	1.1370	21.444	6.5632

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48765	21.537	20.769	1.0566	.91798	.96583	.51871
SDev	.00036	.015	.033	.0002	.00138	.00079	.00002

Analysis Report 04/05/12 10:55:19 AM page 34

%RSD	.07390	.06851	.15966	.01782	.15073	.08190	.00462
#1	.48790	21.526	20.792	1.0567	.91896	.96527	.51870
#2	.48739	21.547	20.745	1.0564	.91701	.96639	.51873

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1782	4.3391	2.8071	3.0223	.74790	.81765
SDev	.0001	.0027	.0177	.0046	.00434	.00088
%RSD	.00997	.06119	.63176	.15235	.58091	.10747
#1	1.1781	4.3372	2.7946	3.0191	.74482	.81703
#2	1.1783	4.3410	2.8197	3.0256	.75097	.81828

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44991	--	--	--	--	--	--
SDev	70.71068	--	--	--	--	--	--
%RSD	.1571663	--	--	--	--	--	--
#1	45041	--	--	--	--	--	--
#2	44941	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53048-b-1-a Operator: DCL
Run Time: 04/05/12 10:55:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.523	.00645	.01374	1.4061	-.00021	.00788	.11349
SDev	.014	.00236	.00424	.0007	.00001	.00109	.00001
%RSD	.10606	36.617	30.841	.04813	3.0583	13.780	.01256
#1	13.533	.00812	.01674	1.4066	-.00021	.00865	.11348
#2	13.512	.00478	.01074	1.4056	-.00022	.00711	.11350

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.4422	.45771	.03212	.10694	43.163	.00383	6.6654
SDev	.0144	.00117	.00025	.00011	.077	.00003	.0239
%RSD	.19368	.25471	.78772	.10484	.17937	.77812	.35892
#1	7.4524	.45853	.03194	.10702	43.218	.00385	6.6824
#2	7.4320	.45689	.03230	.10686	43.109	.00381	6.6485

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	1.5786	.32704	.02381	.05578	.54221	1.4722
SDev	.00096	.0064	.00080	.00107	.00009	.01478	.0062
%RSD	93.313	.40764	.24518	4.5099	.15320	2.7265	.42424

#1	.00035	1.5831	.32761	.02457	.05572	.55266	1.4766
#2	.00171	1.5740	.32648	.02305	.05584	.53175	1.4678

Analysis Report 04/05/12 10:59:10 AM page 35

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.92044	.27763	.04891	-.00031	.03400	.23842
SDev	.00033	.05379	.00104	.00001	.00322	.00037	.00043
%RSD	104.60	5.8443	.37439	.02188	1047.9	1.0840	.17903
#1	-.00055	.88240	.27836	.04892	.00197	.03374	.23873
#2	-.00008	.95848	.27689	.04890	-.00258	.03426	.23812

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01837	12.384	6.3437	6.8263	-.00637	.00473
SDev	.00037	.024	.0063	.0327	.00868	.00290
%RSD	2.0116	.19050	.09921	.47959	136.23	61.339
#1	.01863	12.400	6.3482	6.8495	-.01251	.00678
#2	.01811	12.367	6.3393	6.8032	-.00023	.00268

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40710	--	--	--	--	--	--
SDev	2.828427	--	--	--	--	--	--
%RSD	.0069477	--	--	--	--	--	--
#1	40708	--	--	--	--	--	--
#2	40712	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52867-a-10-a Operator: DCL
Run Time: 04/05/12 10:59:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	181.01	.87113	1.0122	2.3880	.40678	.92567	.39503
SDev	.51	.00270	.0026	.0052	.00002	.00207	.00004
%RSD	.28186	.31051	.25295	.21738	.00521	.22367	.01106
#1	181.37	.87304	1.0140	2.3917	.40676	.92714	.39500
#2	180.65	.86921	1.0103	2.3844	.40679	.92421	.39506

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	927.63	1.0123	.87598	1.0806	231.13	1.1363	1.1785
SDev	1.36	.0009	.00006	.0039	.04	.0050	.0013
%RSD	.14663	.08690	.00662	.35824	.01736	.44289	.10645
#1	926.67	1.0129	.87594	1.0833	231.10	1.1399	1.1776
#2	928.59	1.0117	.87602	1.0778	231.16	1.1328	1.1794

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79545	36.401	8.6098	.84029	1.1455	35.808	9.6073

SDev	.00177	.016	.0021	.00262	.0021	.132	.0175
%RSD	.22237	.04522	.02436	.31133	.18749	.36856	.18172

Analysis Report 04/05/12 11:03:01 AM page 36

#1	.79671	36.389	8.6113	.83844	1.1470	35.901	9.6197
#2	.79420	36.413	8.6083	.84214	1.1440	35.715	9.5950

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44257	10.956	12.692	4.6141	.84182	.82970	1.1403
SDev	.00122	.037	.059	.0098	.00003	.00038	.0015
%RSD	.27466	.33901	.46615	.21320	.00358	.04616	.13518
#1	.44343	10.983	12.734	4.6210	.84179	.82997	1.1414
#2	.44171	10.930	12.650	4.6071	.84184	.82943	1.1392

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.4853	1.5878	1.1101	1.2127	.74999	.81819	
SDev	.0006	.0014	.0010	.0014	.00169	.00181	
%RSD	.04326	.08665	.09256	.11280	.22500	.22116	
#1	1.4857	1.5888	1.1094	1.2117	.75119	.81947	
#2	1.4848	1.5868	1.1109	1.2137	.74880	.81691	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43973	--	--	--	--	--	--
SDev	91.92388	--	--	--	--	--	--
%RSD	.2090462	--	--	--	--	--	--
#1	44038	--	--	--	--	--	--
#2	43908	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-52867-a-10a@5 Operator: DCL
Run Time: 04/05/12 11:03:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.076	.00560	.03948	.35600	.00251	.01343	.00016
SDev	.033	.00138	.00083	.00054	.00002	.00050	.00003
%RSD	.08286	24.586	2.1078	.15044	.81809	3.6984	15.690
#1	40.099	.00463	.04007	.35638	.00253	.01379	.00018
#2	40.052	.00657	.03889	.35562	.00250	.01308	.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	275.31	.05554	.02660	.05002	52.916	.02711	.09407
SDev	.74	.00019	.00041	.00006	.101	.00005	.00059
%RSD	.26721	.33878	1.5321	.12426	.19024	.19504	.62333
#1	275.83	.05568	.02631	.04997	52.988	.02715	.09449
#2	274.79	.05541	.02688	.05006	52.845	.02707	.09366

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 04/05/12 11:06:52 AM page 37

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	6.9967	1.9368	.00331	.08359	4.8129	2.0463
SDev	.00079	.0187	.0047	.00159	.00033	.0160	.0034
%RSD	142.72	.26761	.24019	48.022	.39681	.33197	.16620
#1	.00111	7.0099	1.9401	.00443	.08383	4.8242	2.0487
#2	-.00001	6.9834	1.9336	.00218	.08336	4.8016	2.0439

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	.21244	.31815	.90381	.00331	.00866	.07286
SDev	.00018	.05641	.00131	.00130	.00174	.00113	.00009
%RSD	24.760	26.554	.41085	.14346	52.532	13.049	.11814
#1	-.00085	.17255	.31908	.90472	.00454	.00786	.07292
#2	-.00060	.25233	.31723	.90289	.00208	.00946	.07280

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16180	.17675	.08215	.10003	-.00339	.00252
SDev	.00030	.00047	.00142	.00017	.00058	.00089
%RSD	.18436	.26623	1.7278	.16984	17.172	35.267
#1	.16201	.17708	.08316	.10015	-.00298	.00315
#2	.16159	.17641	.08115	.09991	-.00380	.00189

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40968	--	--	--	--	--	--
SDev	116.6726	--	--	--	--	--	--
%RSD	.2847862	--	--	--	--	--	--
#1	40886	--	--	--	--	--	--
#2	41051	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00001 Operator: DCL
Run Time: 04/05/12 11:06:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4688	.50455	.50571	.51170	.48994	.50688	.51884
SDev	.0013	.00058	.00246	.00045	.00176	.00028	.00147
%RSD	.05413	.11551	.48600	.08760	.35820	.05557	.28368
#1	2.4697	.50496	.50745	.51202	.49118	.50708	.51988
#2	2.4678	.50414	.50398	.51139	.48870	.50668	.51780

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.604	.49005	.48598	.49136	2.5880	.47574	.49788
SDev	.036	.00135	.00098	.00041	.0001	.00081	.00312
%RSD	.28706	.27563	.20097	.08255	.00534	.17115	.62629

Analysis Report 04/05/12 11:10:43 AM page 38

#1	12.629	.49100	.48667	.49164	2.5879	.47632	.50008
#2	12.578	.48909	.48529	.49107	2.5881	.47517	.49567
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49370	4.9349	.48745	.50639	.52766	12.667	.94825
SDev	.00099	.0172	.00136	.00056	.00125	.033	.00227
%RSD	.20124	.34780	.27963	.11068	.23699	.25894	.23898
#1	.49441	4.9471	.48842	.50599	.52854	12.690	.94985
#2	.49300	4.9228	.48649	.50679	.52677	12.643	.94665
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25080	12.906	12.361	.25617	.53038	.49665	.50744
SDev	.00008	.076	.016	.00032	.00546	.00046	.00128
%RSD	.03233	.58953	.12572	.12659	1.0296	.09267	.25218
#1	.25086	12.852	12.372	.25640	.52652	.49697	.50834
#2	.25075	12.960	12.350	.25594	.53424	.49632	.50653
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.49781	.51849	.47244	.51059	.46611	.50756	
SDev	.00141	.00125	.00056	.00496	.00186	.00056	
%RSD	.28328	.24069	.11878	.97097	.39871	.11058	
#1	.49881	.51937	.47204	.51410	.46742	.50795	
#2	.49681	.51761	.47284	.50709	.46480	.50716	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40357	--	--	--	--	--	--
SDev	96.16652	--	--	--	--	--	--
%RSD	.2382896	--	--	--	--	--	--
#1	40289	--	--	--	--	--	--
#2	40425	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/05/12 11:10:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04108	.00065	.00263	-.00009	-.00056	.00170	-.00006
SDev	.00174	.00191	.00040	.00014	.00003	.00091	.00001
%RSD	4.2449	293.30	15.103	160.13	6.0748	53.484	14.174
#1	.04231	.00200	.00291	.00001	-.00053	.00235	-.00006
#2	.03984	-.00070	.00235	-.00018	-.00058	.00106	-.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03609	.00052	-.00048	-.00259	-.01283	.00012	.00040
SDev	.00107	.00061	.00012	.00041	.01036	.00011	.00088
%RSD	2.9545	118.36	25.689	16.015	80.727	88.392	219.74
#1	-.03533	.00095	-.00039	-.00229	-.00551	.00020	.00102
#2	-.03684	.00008	-.00056	-.00288	-.02015	.00005	-.00022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00170	-.00462	.00009	.00088	-.00080	-.04163	-.00687
SDev	.00235	.00592	.00007	.00143	.00013	.03842	.00352
%RSD	138.28	128.32	83.360	162.46	15.659	92.291	51.300
#1	.00336	-.00043	.00014	.00189	-.00071	-.01446	-.00438
#2	.00004	-.00881	.00004	-.00013	-.00089	-.06880	-.00936

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.00972	-.01841	-.00005	.00311	.00060	.00022
SDev	.00011	.05445	.00330	.00005	.00043	.00054	.00022
%RSD	27.969	560.42	17.932	118.02	13.893	90.582	100.18
#1	-.00048	.04822	-.01608	-.00001	.00280	.00098	.00037
#2	-.00032	-.02878	-.02075	-.00008	.00341	.00021	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	-.00281	-.00138	.00129	.00238	.00136
SDev	.00084	.00001	.00369	.00317	.00702	.00704
%RSD	245.09	.52637	267.90	245.45	295.42	517.57
#1	.00094	-.00282	-.00399	.00353	-.00259	.00633
#2	-.00025	-.00280	.00123	-.00095	.00735	-.00362

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41269	--	--	--	--	--	--
SDev	147.0782	--	--	--	--	--	--
%RSD	.3563891	--	--	--	--	--	--
#1	41165	--	--	--	--	--	--
#2	41373	--	--	--	--	--	--

Analysis Report 04/05/12 11:47:30 AM page 1

Method: 20076010 Sample Name: 600-52989-b-1-a@5 Operator: DCL
Run Time: 04/05/12 11:43:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05366	-.00085	.00305	.00317	-.00072	-.00155	-.00030
SDev	.00014	.00014	.00145	.00002	.00000	.00026	.00006
%RSD	.26554	16.170	47.465	.74610	.62173	16.649	20.148
#1	.05356	-.00075	.00408	.00318	-.00072	-.00136	-.00034
#2	.05376	-.00095	.00203	.00315	-.00072	-.00173	-.00026

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21867	.44744	.00070	1.2984	4.9646	.00023	.03521
SDev	.00032	.00188	.00003	.0038	.0046	.00001	.00142
%RSD	.14412	.42089	3.5111	.29387	.09307	5.3052	4.0281
#1	.21889	.44877	.00068	1.3011	4.9679	.00024	.03621
#2	.21845	.44611	.00072	1.2957	4.9613	.00022	.03421

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	.01136	2.4724	.03386	.18879	.02834	.01622
SDev	.00241	.00086	.0102	.00130	.00023	.01119	.00055
%RSD	88.291	7.5605	.41096	3.8431	.12284	39.469	3.4059
#1	.00443	.01197	2.4796	.03294	.18895	.03626	.01661
#2	.00102	.01075	2.4652	.03478	.18862	.02043	.01583

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	7.3444	6.7705	.00140	-.00330	.00232	.02410
SDev	.00029	.0292	.0033	.00001	.00201	.00068	.00013
%RSD	154.63	.39703	.04941	.73442	61.021	29.146	.54437
#1	-.00039	7.3238	6.7681	.00141	-.00188	.00184	.02419
#2	.00002	7.3650	6.7729	.00140	-.00472	.00280	.02400

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00199	.00500	.03212	.03675	.00631	.00093
SDev	.00001	.00030	.00175	.00125	.00447	.00137
%RSD	.35574	6.0985	5.4343	3.4135	70.859	147.12
#1	.00199	.00479	.03336	.03764	.00947	.00191
#2	.00200	.00522	.03089	.03586	.00315	-.00004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41184	--	--	--	--	--	--
SDev	126.5721	--	--	--	--	--	--
%RSD	.3073295	--	--	--	--	--	--

Analysis Report 04/05/12 11:47:30 AM page 2

#1	41095	--	--	--	--	--	--
#2	41274	--	--	--	--	--	--

Analysis Report 04/05/12 11:52:17 AM page 1

Method: 20076010 Sample Name: lcs 600-76449/2-a Operator: DCL
Run Time: 04/05/12 11:48:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.925	.80453	1.3855	2.7259	1.4713	.87220	.70440

SDev	.098	.00568	.0034	.0031	.0013	.00068	.00073
%RSD	.11830	.70586	.24534	.11228	.08659	.07823	.10343
#1	82.994	.80051	1.3831	2.7281	1.4704	.87268	.70492
#2	82.855	.80854	1.3879	2.7237	1.4722	.87171	.70389
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.825	.98283	1.3402	1.0696	176.28	.08859	1.3652
SDev	.095	.00012	.0008	.0016	.22	.00012	.0000
%RSD	.10455	.01260	.06092	.15368	.12473	.13612	.00185
#1	90.757	.98274	1.3407	1.0707	176.44	.08868	1.3652
#2	90.892	.98291	1.3396	1.0684	176.12	.08851	1.3653
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8839	39.886	4.9732	.91425	1.3221	49.443	7.0882
SDev	.0002	.002	.0022	.00186	.0021	.035	.0025
%RSD	.00999	.00586	.04448	.20302	.16006	.07102	.03536
#1	1.8838	39.884	4.9748	.91294	1.3236	49.467	7.0899
#2	1.8840	39.888	4.9717	.91556	1.3206	49.418	7.0864
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46359	3.3639	6.7620	2.5116	1.7197	1.5541	3.9654
SDev	.00059	.1002	.0245	.0025	.0083	.0016	.0008
%RSD	.12610	2.9799	.36173	.09891	.48276	.10304	.01920
#1	.46400	3.4348	6.7793	2.5134	1.7139	1.5552	3.9659
#2	.46318	3.2930	6.7448	2.5099	1.7256	1.5529	3.9649
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.62118	2.2606	1.2749	1.4104	1.7441	1.9538	
SDev	.00059	.0049	.0054	.0027	.0013	.0003	
%RSD	.09543	.21621	.42262	.19369	.07203	.01770	
#1	.62076	2.2571	1.2787	1.4085	1.7433	1.9540	
#2	.62160	2.2640	1.2711	1.4123	1.7450	1.9535	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42638	--	--	--	--	--	--
SDev	36.06245	--	--	--	--	--	--
%RSD	.0845772	--	--	--	--	--	--

#1	42664	--	--	--	--	--	--
#2	42613	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00001 Operator: DCL
Run Time: 04/05/12 11:52:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4143	.50134	.49877	.50764	.47316	.50228	.51140
SDev	.0055	.00063	.00158	.00054	.00099	.00009	.00077
%RSD	.22607	.12625	.31636	.10677	.20918	.01694	.15086
#1	2.4182	.50178	.49765	.50802	.47386	.50222	.51195
#2	2.4104	.50089	.49988	.50726	.47246	.50234	.51086

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.265	.47428	.47020	.47808	2.5292	.47177	.48556
SDev	.021	.00025	.00075	.00024	.0080	.00009	.00127
%RSD	.16750	.05325	.15955	.04928	.31774	.01953	.26152
#1	12.280	.47446	.47073	.47825	2.5235	.47184	.48646
#2	12.251	.47410	.46967	.47791	2.5348	.47171	.48466

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48305	4.7675	.47510	.49945	.51024	12.512	.92297
SDev	.00047	.0064	.00085	.00143	.00134	.000	.00386
%RSD	.09718	.13406	.17933	.28656	.26301	.00184	.41875
#1	.48338	4.7720	.47570	.49844	.51119	12.512	.92570
#2	.48271	4.7629	.47450	.50046	.50929	12.512	.92023

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24590	12.646	12.275	.25483	.53474	.48138	.49806
SDev	.00007	.067	.017	.00020	.00314	.00111	.00089
%RSD	.02964	.52681	.13615	.08001	.58806	.22964	.17914
#1	.24595	12.599	12.264	.25497	.53251	.48216	.49869
#2	.24584	12.693	12.287	.25468	.53696	.48060	.49743

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48325	.50883	.45335	.50166	.44710	.50107
SDev	.00031	.00081	.00260	.00321	.00117	.00129
%RSD	.06482	.15824	.57420	.63914	.26154	.25722
#1	.48347	.50939	.45151	.50393	.44627	.50199
#2	.48303	.50826	.45520	.49940	.44793	.50016

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/05/12 11:56:08 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40862	--	--	--	--	--	--
SDev	43.13351	--	--	--	--	--	--
%RSD	.1055603	--	--	--	--	--	--
#1	40892	--	--	--	--	--	--
#2	40831	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/05/12 11:56:11

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05030	.00186	.00132	-.00011	-.00073	.00118	-.00009
SDev	.00300	.00242	.00085	.00017	.00002	.00026	.00005
%RSD	5.9593	129.65	64.409	148.05	2.3410	21.923	55.032
#1	.05242	.00357	.00193	.00001	-.00072	.00137	-.00005
#2	.04818	.00016	.00072	-.00023	-.00074	.00100	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03471	.00004	-.00022	-.00329	-.01076	.00007	-.00012
SDev	.00349	.00054	.00015	.00039	.00160	.00004	.00021
%RSD	10.068	1283.3	70.185	11.877	14.851	51.995	169.85
#1	-.03718	.00042	-.00032	-.00301	-.01189	.00005	-.00027
#2	-.03223	-.00034	-.00011	-.00356	-.00963	.00010	.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00330	-.00672	-.00004	.00112	-.00043	-.03965	-.01094
SDev	.00161	.00499	.00011	.00041	.00061	.02934	.00243
%RSD	48.798	74.252	283.85	36.503	142.57	74.000	22.194
#1	.00444	-.01025	.00004	.00140	-.00086	-.06040	-.00923
#2	.00216	-.00319	-.00011	.00083	.00000	-.01890	-.01266

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.07204	-.01704	-.00009	.00233	.00020	.00013
SDev	.00024	.12694	.00012	.00004	.00042	.00020	.00028
%RSD	96.885	176.20	.71344	44.472	18.220	98.708	212.20
#1	-.00042	-.01772	-.01695	-.00006	.00263	.00006	.00033
#2	-.00008	.16180	-.01712	-.00012	.00203	.00034	-.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	-.00251	-.00064	.00013	.00079	.00455
SDev	.00048	.00007	.00071	.00004	.00083	.00200
%RSD	651.76	2.6883	111.22	30.215	105.16	43.888
#1	.00026	-.00256	-.00114	.00016	.00138	.00597

Analysis Report 04/05/12 11:59:59 AM page 4

#2	-.00041	-.00246	-.00014	.00011	.00020	.00314	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40954	--	--	--	--	--	--
SDev	71.41779	--	--	--	--	--	--
%RSD	.1743832	--	--	--	--	--	--
#1	41005	--	--	--	--	--	--
#2	40904	--	--	--	--	--	--

Analysis Report 04/05/12 01:08:25 PM page 1

Method: 20076010 Sample Name: mb 600-76503/1-a Operator: DCL
Run Time: 04/05/12 13:04:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09286	.00384	.00160	.00171	-.00117	-.00187	.00000
SDev	.00011	.00062	.00003	.00000	.00001	.00030	.00007
%RSD	.11883	16.045	1.8702	.02034	.57686	15.966	1719.7
#1	.09279	.00340	.00162	.00171	-.00117	-.00208	.00005
#2	.09294	.00427	.00158	.00171	-.00118	-.00166	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19448	.00080	-.00017	-.00338	.06755	.00021	.00124
SDev	.00878	.00001	.00033	.00006	.02747	.00000	.00047
%RSD	4.5151	1.7755	198.34	1.6773	40.671	1.4928	37.658
#1	.20069	.00079	.00007	-.00334	.08697	.00021	.00091
#2	.18827	.00082	-.00040	-.00342	.04812	.00021	.00157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00225	.00531	.00043	-.00085	-.00046	-.07826	.00222
SDev	.00143	.00104	.00007	.00068	.00008	.00007	.00101
%RSD	63.535	19.546	17.222	80.739	18.149	.08665	45.659
#1	.00124	.00458	.00048	-.00036	-.00040	-.07821	.00293
#2	.00326	.00604	.00038	-.00133	-.00051	-.07831	.00150

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.27311	.02337	-.00014	-.00459	.03110	.00022
SDev	.00029	.09772	.00087	.00001	.00092	.00081	.00005
%RSD	57.845	35.781	3.7213	6.8254	20.062	2.6006	22.789
#1	.00071	.34221	.02275	-.00014	-.00394	.03053	.00019
#2	.00030	.20401	.02398	-.00013	-.00524	.03167	.00026

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.02873	.00311	.00030	-.00248	.00461
SDev	.00001	.00170	.00087	.00113	.00127	.00277
%RSD	2.8021	5.9240	27.973	375.03	51.035	60.169
#1	.00025	.02993	.00372	-.00050	-.00159	.00265
#2	.00024	.02753	.00249	.00110	-.00338	.00657

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40550	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1133477	--	--	--	--	--	--

Analysis Report 04/05/12 01:08:25 PM page 2

#1	40517	--	--	--	--	--	--
#2	40582	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-76503/2-a Operator: DCL
Run Time: 04/05/12 13:08:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.583	.84570	1.3799	2.6763	1.4545	.90180	.75833
SDev	.113	.01379	.0007	.0014	.0006	.00056	.00010
%RSD	.14362	1.6304	.05081	.05317	.04247	.06179	.01291
#1	78.663	.83595	1.3804	2.6753	1.4541	.90140	.75840
#2	78.503	.85545	1.3794	2.6773	1.4550	.90219	.75827

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.901	.99104	1.3389	1.0986	163.70	.08526	1.3355
SDev	.047	.00079	.0011	.0024	.05	.00009	.0022
%RSD	.05102	.07948	.08491	.21417	.02999	.10093	.16229
#1	92.934	.99160	1.3397	1.1003	163.73	.08532	1.3370
#2	92.867	.99048	1.3381	1.0970	163.66	.08520	1.3339

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9141	38.506	4.9463	.95945	1.4070	47.961	3.4086
SDev	.0013	.039	.0043	.00432	.0110	.044	.0040
%RSD	.06954	.10055	.08652	.45048	.77914	.09236	.11813
#1	1.9132	38.533	4.9493	.95640	1.4147	47.993	3.4114
#2	1.9151	38.478	4.9433	.96251	1.3992	47.930	3.4057

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47515	3.4485	6.8976	2.6607	1.7742	1.5328	3.6932
SDev	.00103	.0857	.0149	.0031	.0032	.0024	.0020
%RSD	.21597	2.4844	.21556	.11610	.17769	.15637	.05351
#1	.47588	3.5090	6.9081	2.6585	1.7720	1.5311	3.6918
#2	.47443	3.3879	6.8871	2.6629	1.7765	1.5345	3.6945

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59646	2.2126	1.2132	1.3966	1.7402	2.0010
SDev	.00009	.0002	.0044	.0010	.0106	.0073
%RSD	.01520	.00923	.36317	.07504	.61036	.36518
#1	.59652	2.2128	1.2163	1.3973	1.7478	1.9959
#2	.59640	2.2125	1.2101	1.3958	1.7327	2.0062

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/05/12 01:12:16 PM page 3

Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	43002	--	--	--	--	--	--
SDev	245.3661	--	--	--	--	--	--
%RSD	.5705855	--	--	--	--	--	--
#1	42829	--	--	--	--	--	--
#2	43176	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52201-a-24-a Operator: DCL
Run Time: 04/05/12 13:12:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	158.68	.02199	.06908	4.3538	.00843	.20093	-.00266
SDev	.13	.00528	.00071	.0005	.00002	.00006	.00004
%RSD	.08200	23.998	1.0333	.01143	.27081	.03032	1.3483
#1	158.77	.02572	.06958	4.3542	.00845	.20088	-.00268
#2	158.59	.01826	.06858	4.3535	.00842	.20097	-.00263

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	897.99	.17948	.05311	.08625	151.66	.14029	.21821
SDev	.71	.00024	.00002	.00026	.03	.00015	.00096
%RSD	.07938	.13475	.03111	.30259	.01869	.10771	.43872
#1	898.49	.17931	.05309	.08643	151.64	.14039	.21754
#2	897.49	.17965	.05312	.08606	151.68	.14018	.21889

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00591	43.396	2.8399	.01286	.10734	41.760	5.2226
SDev	.00289	.027	.0002	.00123	.00033	.022	.0026
%RSD	48.904	.06167	.00801	9.5331	.31149	.05247	.04996
#1	-.00387	43.377	2.8400	.01373	.10758	41.776	5.2245
#2	-.00795	43.415	2.8397	.01199	.10710	41.745	5.2208

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00304	4.7574	5.5625	3.3129	.00735	.03203	.28969
SDev	.00034	.0295	.0116	.0005	.00320	.00281	.00016
%RSD	11.145	.62013	.20908	.01470	43.618	8.7762	.05659
#1	-.00280	4.7783	5.5707	3.3132	.00961	.03401	.28980
#2	-.00328	4.7366	5.5542	3.3125	.00508	.03004	.28957

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27973	.57395	.18366	.23549	-.00467	-.00653
SDev	.00032	.00035	.00276	.00006	.00335	.00266
%RSD	.11308	.06026	1.5013	.02436	71.773	40.737
#1	.27950	.57419	.18171	.23545	-.00230	-.00465

#2	.27995	.57370	.18561	.23553	-.00703	-.00841
IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42252	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1087818	--	--	--	--	--	--
#1	42219	--	--	--	--	--	--
#2	42284	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52201-a-24-b du Operator: DCL
Run Time: 04/05/12 13:16:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	193.91	.00911	.08279	4.0972	.00964	.20798	-.00353
SDev	.02	.00042	.00028	.0029	.00000	.00093	.00010
%RSD	.01166	4.6058	.34166	.07064	.02957	.44707	2.8805
#1	193.89	.00881	.08259	4.0952	.00964	.20732	-.00346
#2	193.92	.00941	.08299	4.0993	.00963	.20864	-.00360

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	975.22	.24862	.05823	.09163	183.31	.17793	.21736
SDev	1.11	.00016	.00034	.00025	.10	.00005	.00008
%RSD	.11411	.06384	.59186	.27647	.05487	.02785	.03517
#1	976.01	.24873	.05798	.09181	183.38	.17790	.21742
#2	974.43	.24851	.05847	.09145	183.24	.17797	.21731

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01115	49.831	3.1533	.01229	.12164	47.106	5.3626
SDev	.00340	.029	.0001	.00063	.00071	.035	.0020
%RSD	30.514	.05912	.00211	5.1189	.57953	.07345	.03745
#1	-.01356	49.852	3.1532	.01274	.12214	47.081	5.3612
#2	-.00875	49.810	3.1533	.01185	.12115	47.130	5.3640

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00302	5.5399	6.3129	3.5303	.00684	.03009	.24836
SDev	.00041	.0145	.0113	.0007	.00000	.00011	.00045
%RSD	13.433	.26104	.17886	.02112	.00791	.34965	.18268
#1	-.00273	5.5501	6.3209	3.5298	.00684	.03002	.24868
#2	-.00331	5.5297	6.3049	3.5308	.00684	.03016	.24804

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35024	.58016	.18299	.23455	-.00702	-.01322

SDev	.00002	.00121	.00656	.00316	.00029	.00496
%RSD	.00670	.20893	3.5819	1.3484	4.0815	37.529
#1	.35025	.57931	.18763	.23231	-.00722	-.01673
#2	.35022	.58102	.17836	.23678	-.00681	-.00971

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42081	--	--	--	--	--	--
SDev	36.76955	--	--	--	--	--	--
%RSD	.0873780	--	--	--	--	--	--
#1	42055	--	--	--	--	--	--
#2	42107	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52201-a-24-c ms Operator: DCL
Run Time: 04/05/12 13:20:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	239.28	.31159	1.0063	4.0960	.42487	.93310	.44059
SDev	.06	.00104	.0018	.0035	.00025	.00161	.00008
%RSD	.02714	.33532	.17646	.08453	.05840	.17291	.01908
#1	239.33	.31085	1.0050	4.0984	.42504	.93196	.44053
#2	239.23	.31233	1.0075	4.0935	.42469	.93424	.44065

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	976.73	1.0925	.86544	1.0134	194.99	.76236	1.1325
SDev	.02	.0000	.00116	.0009	.08	.00004	.0001
%RSD	.00160	.00432	.13371	.08411	.03998	.00560	.00767
#1	976.72	1.0925	.86626	1.0140	195.05	.76233	1.1325
#2	976.74	1.0926	.86463	1.0128	194.94	.76239	1.1324

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.84573	65.595	3.8863	.81128	1.0083	64.983	6.3992
SDev	.00345	.009	.0011	.00540	.0030	.019	.0032
%RSD	.40833	.01391	.02955	.66555	.29410	.02897	.05019
#1	.84328	65.601	3.8871	.80747	1.0062	64.969	6.4015
#2	.84817	65.589	3.8854	.81510	1.0104	64.996	6.3970

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48620	17.232	19.337	4.1429	.98219	.77658	.56242
SDev	.00022	.013	.004	.0027	.00322	.00242	.00049
%RSD	.04540	.07631	.01910	.06514	.32749	.31218	.08672
#1	.48635	17.241	19.334	4.1448	.98447	.77829	.56276
#2	.48604	17.223	19.339	4.1410	.97992	.77486	.56207

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2062	1.7232	1.0155	1.1909	.77695	.88011
SDev	.0001	.0001	.0015	.0009	.00215	.00410
%RSD	.00458	.00758	.14702	.07361	.27729	.46617

#1	1.2062	1.7233	1.0145	1.1916	.77543	.87721	
#2	1.2061	1.7232	1.0166	1.1903	.77847	.88302	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41734	--	--	--	--	--	--
SDev	7.778174	--	--	--	--	--	--
%RSD	.0186377	--	--	--	--	--	--
#1	41728	--	--	--	--	--	--
#2	41739	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52201-a-24-d msd Operator: DCL
Run Time: 04/05/12 13:23:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	234.48	.30058	.97605	4.7321	.41429	.86620	.42992
SDev	3.00	.00497	.01260	.0654	.00569	.01220	.00588
%RSD	1.2811	1.6524	1.2907	1.3816	1.3734	1.4088	1.3676
#1	232.36	.29707	.96715	4.6859	.41027	.85757	.42576
#2	236.61	.30409	.98496	4.7784	.41832	.87483	.43408

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	927.64	1.0543	.83842	.97537	195.86	.74452	1.0768
SDev	12.21	.0145	.01196	.01234	2.75	.01009	.0133
%RSD	1.3164	1.3766	1.4264	1.2647	1.4035	1.3559	1.2362
#1	919.01	1.0440	.82997	.96665	193.92	.73738	1.0674
#2	936.28	1.0646	.84688	.98409	197.80	.75166	1.0862

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83058	62.901	3.8315	.79607	.97836	60.863	4.7544
SDev	.00622	.859	.0530	.01077	.01422	.808	.0675
%RSD	.74910	1.3656	1.3834	1.3528	1.4536	1.3280	1.4206
#1	.82618	62.294	3.7940	.78845	.96830	60.292	4.7066
#2	.83497	63.509	3.8690	.80368	.98842	61.435	4.8021

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47402	16.789	18.589	3.9499	.96786	.73817	.50892
SDev	.00620	.187	.251	.0550	.01239	.01023	.00688

Analysis Report 04/05/12 01:27:40 PM page 7

%RSD	1.3084	1.1154	1.3481	1.3917	1.2796	1.3855	1.3519
#1	.46963	16.657	18.412	3.9110	.95910	.73094	.50406
#2	.47840	16.922	18.767	3.9888	.97661	.74540	.51379

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1550	1.5269	.95864	1.1359	.74569	.87302
SDev	.0157	.0208	.01224	.0138	.00543	.00662

%RSD	1.3612	1.3651	1.2769	1.2190	.72805	.75809
#1	1.1439	1.5122	.94999	1.1261	.74185	.86834
#2	1.1662	1.5417	.96730	1.1457	.74952	.87770

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41850	--	--	--	--	--	--
SDev	444.7702	--	--	--	--	--	--
%RSD	1.062760	--	--	--	--	--	--
#1	42165	--	--	--	--	--	--
#2	41536	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53078-a-1-a@10 Operator: DCL
Run Time: 04/05/12 13:27:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41794	.01091	.00549	12.220	-.00122	.00204	-.00130
SDev	.00492	.00299	.00173	.048	.00001	.00124	.00006
%RSD	1.1767	27.426	31.504	.38961	1.1977	60.588	4.7576
#1	.42142	.01303	.00671	12.254	-.00121	.00292	-.00126
#2	.41447	.00880	.00426	12.187	-.00124	.00117	-.00134

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5923	.02773	.00571	.07393	35.881	.00055	.00486
SDev	.0274	.00032	.00009	.00063	.167	.00006	.00052
%RSD	1.7185	1.1397	1.5322	.85478	.46528	11.010	10.808
#1	1.6117	.02795	.00577	.07438	35.999	.00060	.00523
#2	1.5730	.02750	.00565	.07348	35.763	.00051	.00449

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	3.1921	.29201	.00694	.01489	-.16192	.99437
SDev	.00039	.0212	.00158	.00110	.00017	.02059	.00838
%RSD	168.44	.66493	.54058	15.840	1.1728	12.715	.84290
#1	-.00004	3.2071	.29313	.00772	.01476	-.14737	1.0003
#2	.00050	3.1771	.29090	.00616	.01501	-.17648	.98844

Analysis Report 04/05/12 01:31:31 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	-.09288	.00932	3.0052	.00156	.00769	.08842
SDev	.00033	.05180	.00228	.0100	.00043	.00109	.00038
%RSD	42.698	55.775	24.440	.33416	27.668	14.130	.43467
#1	-.00102	-.12951	.01093	3.0123	.00125	.00692	.08870
#2	-.00054	-.05625	.00771	2.9981	.00186	.00846	.08815

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00613	.03742	.00187	.00636	-.00051	.00060
SDev	.00032	.00021	.00116	.00021	.00163	.00023
%RSD	5.2163	.55950	61.903	3.3032	316.53	38.624
#1	.00636	.03757	.00268	.00650	-.00167	.00077
#2	.00591	.03727	.00105	.00621	.00064	.00044

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41050	--	--	--	--	--	--
SDev	90.50967	--	--	--	--	--	--
%RSD	.2204864	--	--	--	--	--	--
#1	40986	--	--	--	--	--	--
#2	41114	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53078-a-2-a@10 Operator: DCL
Run Time: 04/05/12 13:31:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	207.07	.00727	.00251	.03281	-.00122	.00242	-.00075
SDev	.58	.00259	.00172	.00006	.00000	.00089	.00020
%RSD	.28073	35.668	68.699	.16645	.11345	36.904	26.017
#1	207.48	.00910	.00373	.03285	-.00122	.00305	-.00089
#2	206.66	.00544	.00129	.03277	-.00122	.00179	-.00061

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93381	.00998	.00029	.01846	2.9773	.00041	.00285
SDev	.00207	.00014	.00030	.00045	.0040	.00003	.00051
%RSD	.22168	1.3521	106.36	2.4447	.13511	7.7958	17.768
#1	.93528	.01007	.00007	.01878	2.9802	.00043	.00320
#2	.93235	.00988	.00050	.01814	2.9745	.00039	.00249

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	1.7292	.06706	.00003	.01011	-.21788	.40662
SDev	.00537	.0116	.00033	.00117	.00011	.02263	.00371
%RSD	1089.3	.67314	.48738	4167.7	1.0572	10.387	.91225

Analysis Report 04/05/12 01:35:23 PM page 9

#1	.00330	1.7374	.06729	-.00080	.01004	-.20188	.40924
#2	-.00429	1.7210	.06683	.00085	.01019	-.23388	.40400

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00097	.11708	.29936	.00473	-.00046	.00142	.03811
SDev	.00034	.00322	.00127	.00003	.00127	.00035	.00013
%RSD	34.491	2.7494	.42328	.54317	272.61	24.708	.34925
#1	-.00121	.11481	.30026	.00475	-.00136	.00117	.03820
#2	-.00073	.11936	.29847	.00471	.00043	.00167	.03802

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01920	.02241	-.01213	.01033	.00298	-.00223
SDev	.00007	.00020	.00055	.00103	.00094	.00759
%RSD	.37594	.88560	4.5413	10.004	31.408	340.27
#1	.01915	.02255	-.01252	.01106	.00364	.00314
#2	.01925	.02227	-.01174	.00960	.00232	-.00760

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40974	--	--	--	--	--	--
SDev	122.3295	--	--	--	--	--	--
%RSD	.2985503	--	--	--	--	--	--
#1	40888	--	--	--	--	--	--
#2	41061	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53078-a-3-a@10 Operator: DCL
Run Time: 04/05/12 13:35:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	204.44	.00010	.00248	.00993	-.00126	.00186	-.00193
SDev	.02	.00081	.00355	.00002	.00001	.00007	.00002
%RSD	.01184	834.65	143.00	.24145	.53431	3.7669	.77631
#1	204.46	.00067	-.00003	.00995	-.00126	.00181	-.00194
#2	204.42	-.00048	.00499	.00992	-.00126	.00191	-.00192

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92142	.01615	.00529	.03391	42.639	.00034	.00327
SDev	.00152	.00008	.00009	.00027	.085	.00001	.00066
%RSD	.16509	.52229	1.7194	.78323	.19825	3.5286	20.121
#1	.92250	.01621	.00536	.03410	42.699	.00034	.00373
#2	.92035	.01609	.00523	.03372	42.579	.00035	.00280

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	1.3937	.08659	.00140	.01909	-.19924	.57031
SDev	.00149	.0025	.00031	.00146	.00048	.01211	.00057
%RSD	650.31	.17804	.35860	104.32	2.4922	6.0805	.10065
#1	-.00128	1.3954	.08681	.00243	.01876	-.20781	.57071
#2	.00082	1.3919	.08637	.00037	.01943	-.19068	.56990

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.20661	.35427	.00290	-.00270	.00217	.19108
SDev	.00020	.03806	.00362	.00002	.00189	.00069	.00071
%RSD	77.769	18.422	1.0223	.52390	69.962	31.584	.37325
#1	-.00040	.17969	.35171	.00291	-.00137	.00266	.19158

#2	-.00011	.23352	.35683	.00289	-.00404	.00169	.19057

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02236	.14904	-.01153	.01067	-.00115	.00023
SDev	.00010	.00006	.00355	.00276	.00597	.00075
%RSD	.42975	.04067	30.811	25.899	517.97	323.16
#1	.02230	.14899	-.01405	.01262	-.00538	.00077
#2	.02243	.14908	-.00902	.00871	.00307	-.00030

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40802	--	--	--	--	--	--
SDev	91.92388	--	--	--	--	--	--
%RSD	.2252926	--	--	--	--	--	--
#1	40867	--	--	--	--	--	--
#2	40737	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53078-a-4-a@10 Operator: DCL
Run Time: 04/05/12 13:39:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.676	.00030	.00218	.38546	-.00112	.00166	-.00037
SDev	.002	.00055	.00133	.00040	.00000	.00052	.00011
%RSD	.00608	182.98	61.110	.10336	.42313	31.099	28.735
#1	28.675	.00068	.00124	.38574	-.00113	.00129	-.00045
#2	28.677	-.00009	.00312	.38518	-.00112	.00202	-.00030

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2360	.00011	.00041	-.00384	1.6641	.00544	.00046
SDev	.0040	.00006	.00069	.00053	.0202	.00003	.00111
%RSD	.18095	56.556	166.24	13.703	1.2144	.61815	241.75

Analysis Report 04/05/12 01:43:05 PM page 11

#1	2.2331	.00006	-.00007	-.00422	1.6498	.00541	-.00032
#2	2.2388	.00015	.00090	-.00347	1.6784	.00546	.00124

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	3.9672	.05149	-.00065	.00171	8.3918	.29215
SDev	.00437	.0092	.00001	.00033	.00005	.0147	.00213
%RSD	273.31	.23230	.01856	50.407	2.7250	.17476	.72955
#1	.00469	3.9607	.05148	-.00042	.00175	8.3814	.29064
#2	-.00149	3.9738	.05149	-.00088	.00168	8.4021	.29365

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00125	19.005	18.604	.01380	-.00159	.00430	.34320
SDev	.00046	.245	.024	.00004	.00278	.00065	.00008

%RSD	37.030	1.2880	.12777	.26805	175.04	15.227	.02266
#1	-.00158	18.832	18.588	.01378	-.00356	.00384	.34325
#2	-.00092	19.178	18.621	.01383	.00038	.00476	.34314

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	.01039	-.00018	.00078	.00711	-.00116
SDev	.00047	.00032	.00339	.00336	.01110	.00100
%RSD	28.251	3.1174	1834.5	430.73	156.12	86.581
#1	.00134	.01016	.00221	-.00159	.01496	-.00045
#2	.00201	.01062	-.00258	.00315	-.00074	-.00187

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40892	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0536047	--	--	--	--	--	--
#1	40908	--	--	--	--	--	--
#2	40877	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00001 Operator: DCL
Run Time: 04/05/12 13:43:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4718	.52646	.51383	.53405	.45894	.52333	.53794
SDev	.0090	.00131	.00560	.00153	.00165	.00338	.00248
%RSD	.36398	.24802	1.0903	.28578	.35985	.64523	.46129
#1	2.4654	.52554	.50987	.53297	.45777	.52094	.53619
#2	2.4781	.52739	.51779	.53513	.46011	.52571	.53970

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.288	.46609	.46268	.47095	2.6130	.48717	.49240
SDev	.043	.00098	.00138	.00048	.0142	.00159	.00289
%RSD	.35274	.20955	.29889	.10245	.54523	.32637	.58748
#1	12.258	.46540	.46170	.47061	2.6029	.48605	.49036
#2	12.319	.46678	.46365	.47129	2.6231	.48830	.49445

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49787	4.7113	.47632	.50547	.51539	12.896	.93689
SDev	.00196	.0230	.00166	.00175	.00052	.047	.00371
%RSD	.39436	.48853	.34942	.34670	.10161	.36403	.39650
#1	.49649	4.6951	.47515	.50423	.51576	12.863	.93427
#2	.49926	4.7276	.47750	.50671	.51502	12.929	.93952

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24723	12.782	12.639	.26730	.56150	.47735	.50559
SDev	.00034	.033	.031	.00091	.00617	.00342	.00171
%RSD	.13613	.25702	.24251	.33905	1.0985	.71700	.33799
#1	.24699	12.759	12.618	.26666	.55714	.47493	.50438
#2	.24747	12.806	12.661	.26795	.56586	.47977	.50679

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48021	.52394	.44307	.51707	.45051	.52161
SDev	.00150	.00168	.00356	.00256	.00148	.00221
%RSD	.31260	.31988	.80233	.49542	.32814	.42295
#1	.47915	.52276	.44056	.51526	.44946	.52005
#2	.48127	.52513	.44558	.51888	.45155	.52317

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40918	--	--	--	--	--	--
SDev	158.3919	--	--	--	--	--	--
%RSD	.3870960	--	--	--	--	--	--
#1	41030	--	--	--	--	--	--
#2	40806	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/05/12 13:46:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11137	.00190	.00197	-.00018	-.00137	.00066	-.00014
SDev	.00561	.00083	.00162	.00003	.00004	.00022	.00007

%RSD	5.0371	43.589	82.032	13.831	3.1333	33.583	53.413
#1	.11533	.00249	.00083	-.00016	-.00140	.00082	-.00019
#2	.10740	.00131	.00312	-.00020	-.00134	.00050	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04987	-.00027	-.00064	-.00486	-.02935	-.00006	.00036
SDev	.00222	.00006	.00045	.00001	.01310	.00025	.00069
%RSD	4.4496	20.283	70.093	.29001	44.636	417.49	191.20
#1	-.04830	-.00031	-.00096	-.00485	-.03862	.00012	.00084
#2	-.05144	-.00023	-.00032	-.00487	-.02009	-.00024	-.00013

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00207	-.01013	-.00010	.00123	-.00109	-.13649	-.00780
SDev	.00328	.01724	.00001	.00126	.00077	.11935	.00197
%RSD	158.48	170.21	14.496	102.85	71.020	87.438	25.206
#1	.00439	.00206	-.00011	.00212	-.00163	-.05210	-.00641

#2	-.00025	-.02232	-.00009	.00034	-.00054	-.22088	-.00919

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00089	-.19471	-.02073	-.00012	.00024	-.00035	-.00014
SDev	.00017	.12645	.00903	.00001	.00035	.00129	.00004
%RSD	19.449	64.940	43.572	6.2685	150.19	365.81	30.990
#1	-.00101	-.28412	-.01434	-.00011	.00049	.00056	-.00011
#2	-.00077	-.10530	-.02712	-.00013	-.00001	-.00126	-.00017

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00269	-.00177	.00142	.00205	.00208
SDev	.00001	.00004	.00286	.00246	.00072	.00528
%RSD	2.7499	1.4402	161.20	172.54	35.327	253.84
#1	-.00024	-.00266	-.00379	.00316	.00154	.00581
#2	-.00025	-.00271	.00025	-.00031	.00256	-.00165

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40006	--	--	--	--	--	--
SDev	1257.943	--	--	--	--	--	--
%RSD	3.144425	--	--	--	--	--	--
#1	39116	--	--	--	--	--	--
#2	40895	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53078-a-5-a@10 Operator: DCL
Run Time: 04/05/12 13:50:50
Comment: TRACE 61E

Analysis Report 04/05/12 01:54:37 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42093	.00170	.00180	.00337	-.00137	-.00132	-.00004
SDev	.00131	.00038	.00012	.00001	.00002	.00040	.00002
%RSD	.31056	22.169	6.7479	.34778	1.4577	30.675	53.194
#1	.42001	.00143	.00172	.00336	-.00135	-.00103	-.00005
#2	.42185	.00197	.00189	.00337	-.00138	-.00160	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42561	.00051	-.00005	.00120	.30444	.00002	-.00011
SDev	.00073	.00015	.00003	.00010	.00067	.00000	.00044
%RSD	.17184	29.484	49.134	8.5334	.21866	16.779	385.50
#1	.42613	.00040	-.00003	.00113	.30397	.00002	.00020
#2	.42509	.00061	-.00007	.00127	.30491	.00002	-.00042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	.87856	.01261	-.00000	.00022	-.21128	.21021
SDev	.00108	.00030	.00010	.00010	.00019	.00705	.00038

%RSD	74.087	.03445	.81707	95887.	84.985	3.3369	.18181
#1	.00223	.87877	.01268	.00007	.00036	-.21627	.20994
#2	.00070	.87834	.01253	-.00007	.00009	-.20630	.21048

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.23812	.09326	.00040	-.00238	.00511	.00131
SDev	.00002	.02534	.00054	.00001	.00031	.00080	.00008
%RSD	5.8773	10.643	.57580	1.8218	13.150	15.619	6.0604
#1	.00036	.22020	.09364	.00040	-.00216	.00454	.00125
#2	.00039	.25604	.09288	.00039	-.00260	.00567	.00136

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	.00697	.00041	-.00038	.00262	.00088
SDev	.00030	.00011	.00102	.00015	.00079	.00123
%RSD	17.228	1.5735	248.30	39.047	30.065	139.82
#1	.00150	.00689	.00113	-.00027	.00318	.00175
#2	.00192	.00704	-.00031	-.00048	.00207	.00001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41118	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.0361142	--	--	--	--	--	--
#1	41128	--	--	--	--	--	--
#2	41107	--	--	--	--	--	--

Analysis Report 04/05/12 01:54:37 PM page 15

Method: 20076010 Sample Name: 600-53078-a-6-a@10 Operator: DCL
Run Time: 04/05/12 13:54:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.497	.00230	.00289	.02852	-.00028	.06273	-.00033
SDev	.050	.00064	.00025	.00009	.00003	.00008	.00000
%RSD	.28816	27.803	8.5097	.32919	9.3143	.12946	.85356
#1	17.462	.00185	.00271	.02845	-.00026	.06267	-.00033
#2	17.533	.00275	.00306	.02858	-.00030	.06278	-.00034

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.879	.00759	.00032	.12517	3.4655	.02752	.00105
SDev	.307	.00028	.00046	.00087	.0209	.00011	.00012
%RSD	.37963	3.6284	140.09	.69739	.60318	.39397	11.645
#1	80.662	.00739	.00000	.12455	3.4508	.02744	.00096
#2	81.096	.00778	.00065	.12579	3.4803	.02759	.00113

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	1.1281	.22702	.00014	.00003	5.6019	.21668
SDev	.00002	.0054	.00096	.00018	.00075	.0109	.00365
%RSD	6.4675	.47520	.42284	126.33	2699.6	.19513	1.6868
#1	.00029	1.1243	.22634	.00027	-.00050	5.5942	.21409
#2	.00032	1.1319	.22770	.00002	.00056	5.6096	.21926

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00090	12.404	12.371	.19800	-.00232	.00373	.29994
SDev	.00024	.240	.004	.00076	.00005	.00085	.00146
%RSD	26.224	1.9311	.02902	.38287	2.0399	22.784	.48768
#1	-.00107	12.234	12.374	.19746	-.00236	.00313	.29890
#2	-.00074	12.573	12.369	.19854	-.00229	.00434	.30097

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00276	.00731	-.00149	.00232	-.00067	.00079
SDev	.00013	.00025	.00164	.00100	.00239	.00117
%RSD	4.7036	3.3753	110.34	43.327	359.80	147.09
#1	.00267	.00714	-.00033	.00161	-.00236	.00162
#2	.00285	.00749	-.00265	.00303	.00103	-.00003

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41092	--	--	--	--	--	--

SDev	193.0402	--	--	--	--	--	--
%RSD	.4697812	--	--	--	--	--	--
#1	41228	--	--	--	--	--	--
#2	40955	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53078-a-7-a@10 Operator: DCL
Run Time: 04/05/12 13:58:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77853	-.00011	.00150	.02032	-.00124	.01172	-.00014
SDev	.01163	.00063	.00103	.00036	.00002	.00039	.00001
%RSD	1.4942	574.54	68.415	1.7619	1.7944	3.3359	4.7596
#1	.78675	.00034	.00077	.02057	-.00125	.01200	-.00015
#2	.77030	-.00056	.00223	.02007	-.00122	.01145	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.61	.00069	.15946	-.00327	.92891	.25764	.00108
SDev	2.00	.00013	.00248	.00054	.00965	.00397	.00046
%RSD	1.7575	18.970	1.5564	16.569	1.0390	1.5402	42.062
#1	115.02	.00079	.16121	-.00289	.93573	.26044	.00141

#2	112.20	.00060	.15770	-.00366	.92208	.25483	.00076

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00196	7.0821	.25300	-.00071	-.00017	-.14099	.71023
SDev	.00011	.1305	.00452	.00074	.00008	.05990	.01230
%RSD	5.6117	1.8420	1.7859	104.09	48.006	42.485	1.7325
#1	.00188	7.1744	.25620	-.00123	-.00022	-.09863	.71893
#2	.00203	6.9899	.24981	-.00019	-.00011	-.18334	.70153

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	.22443	.31030	.08254	-.00265	.00372	.05641
SDev	.00008	.03795	.01085	.00137	.00079	.00019	.00111
%RSD	19.764	16.908	3.4974	1.6657	29.922	5.0197	1.9602
#1	-.00044	.19760	.31797	.08351	-.00321	.00359	.05719
#2	-.00033	.25126	.30263	.08157	-.00209	.00385	.05562

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00119	.01147	-.00131	.00228	.00242	.00172
SDev	.00013	.00022	.00093	.00115	.00338	.00153
%RSD	10.995	1.9216	71.271	50.453	140.09	88.581
#1	.00129	.01163	-.00197	.00309	.00002	.00281
#2	.00110	.01132	-.00065	.00147	.00481	.00064

Analysis Report 04/05/12 02:02:19 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40186	--	--	--	--	--	--
SDev	542.3509	--	--	--	--	--	--
%RSD	1.349585	--	--	--	--	--	--
#1	39803	--	--	--	--	--	--
#2	40570	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53128-a-1-a Operator: DCL
Run Time: 04/05/12 14:02:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16126	-.01533	.02477	.02017	-.00143	-.00024	-.00023
SDev	.00307	.00045	.00068	.00002	.00000	.00007	.00011
%RSD	1.9050	2.9443	2.7631	.10752	.26354	28.261	48.168
#1	.15909	-.01565	.02429	.02018	-.00143	-.00019	-.00015
#2	.16343	-.01501	.02526	.02015	-.00144	-.00029	-.00031

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50424	.02318	.47012	-.00312	.08895	.00038	.00257
SDev	.00041	.00014	.00133	.00036	.02665	.00007	.00009

%RSD	.08130	.58416	.28337	11.398	29.957	19.639	3.5118
#1	.50453	.02308	.47106	-.00337	.10780	.00033	.00251
#2	.50395	.02327	.46918	-.00287	.07011	.00043	.00264

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04039	-.02228	.00291	.00268	.03256	-.30742	.04245
SDev	.00088	.00558	.00008	.00037	.00032	.04382	.00158
%RSD	2.1706	25.060	2.6841	13.773	.99844	14.254	3.7155
#1	.04101	-.02623	.00285	.00242	.03279	-.33840	.04357
#2	.03977	-.01833	.00296	.00294	.03233	-.27643	.04134

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	.28937	.09262	.00127	-.04856	.06710	.00044
SDev	.00090	.25079	.00246	.00000	.00003	.00121	.00007
%RSD	161.13	86.667	2.6514	.26620	.05623	1.7969	16.624
#1	.00119	.46670	.09088	.00127	-.04854	.06625	.00039
#2	-.00008	.11203	.09436	.00127	-.04858	.06795	.00049

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.02517	.00274	.00249	.06263	.02928
SDev	.00012	.00011	.00016	.00006	.00116	.00073
%RSD	64.115	.44209	5.8197	2.2446	1.8536	2.5097

#1	.00011	.02510	.00262	.00245	.06345	.02980
#2	.00028	.02525	.00285	.00253	.06181	.02876

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41264	--	--	--	--	--	--
SDev	321.0265	--	--	--	--	--	--
%RSD	.7779819	--	--	--	--	--	--
#1	41491	--	--	--	--	--	--
#2	41037	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53079-a-1-a Operator: DCL
Run Time: 04/05/12 14:06:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4533	.00470	.02685	74.248	-.00059	.01161	-.00035
SDev	.0047	.00076	.00119	.369	.00001	.00090	.00022
%RSD	.08555	16.277	4.4245	.49643	1.4842	7.7216	63.284
#1	5.4500	.00524	.02769	73.988	-.00059	.01224	-.00019
#2	5.4566	.00416	.02601	74.509	-.00058	.01097	-.00050

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	4.6174	.04321	.03693	.13662	62.340	.00164	.01665
SDev	.0070	.00018	.00075	.00035	.196	.00002	.00032
%RSD	.15217	.41655	2.0343	.25840	.31389	1.0495	1.9201
#1	4.6124	.04334	.03746	.13687	62.202	.00165	.01687
#2	4.6224	.04308	.03640	.13637	62.478	.00163	.01642

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00346	.40139	2.6644	.00659	.09021	2.3156	1.5231
SDev	.00016	.00083	.0082	.00112	.00091	.0232	.0031
%RSD	4.5536	.20720	.30651	16.968	1.0133	1.0023	.20089
#1	.00335	.40198	2.6586	.00738	.09086	2.3320	1.5209
#2	.00357	.40080	2.6702	.00580	.08957	2.2992	1.5253

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.48384	.32098	.60642	-.00049	.02835	.03075
SDev	.00096	.19519	.00035	.00122	.00112	.00049	.00012
%RSD	445.06	40.342	.11024	.20075	229.00	1.7334	.38636
#1	.00089	.62186	.32073	.60556	.00030	.02870	.03084
#2	-.00046	.34582	.32123	.60728	-.00128	.02801	.03067

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03989	.38582	.01505	.01745	-.00294	.00666
SDev	.00002	.00080	.00076	.00010	.00088	.00020
%RSD	.03941	.20624	5.0507	.57007	29.965	3.0565
#1	.03988	.38525	.01558	.01752	-.00356	.00681
#2	.03991	.38638	.01451	.01738	-.00232	.00652

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40746	--	--	--	--	--	--
SDev	155.5635	--	--	--	--	--	--
%RSD	.3817884	--	--	--	--	--	--
#1	40636	--	--	--	--	--	--
#2	40856	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53079-a-1-b du Operator: DCL
Run Time: 04/05/12 14:10:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.5756	.00279	.02544	74.277	-.00054	.01100	-.00029
SDev	.0056	.00340	.00080	.166	.00002	.00057	.00013
%RSD	.10080	122.01	3.1383	.22359	3.9287	5.1909	44.065
#1	5.5716	.00038	.02600	74.395	-.00056	.01060	-.00038
#2	5.5796	.00520	.02487	74.160	-.00053	.01141	-.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5428	.04829	.03809	.13981	64.127	.00175	.01540
SDev	.0171	.00051	.00029	.00004	.169	.00011	.00023
%RSD	.37626	1.0539	.76194	.03158	.26295	6.4340	1.4960
#1	4.5307	.04793	.03788	.13978	64.007	.00167	.01524
#2	4.5548	.04865	.03829	.13984	64.246	.00183	.01556

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00119	.42717	2.7425	.00702	.09196	2.3990	1.5353
SDev	.00158	.01163	.0048	.00043	.00037	.0511	.0038
%RSD	132.63	2.7230	.17671	6.1376	.40292	2.1283	.24949
#1	.00230	.41895	2.7391	.00672	.09170	2.3629	1.5326
#2	.00007	.43540	2.7459	.00733	.09223	2.4351	1.5380

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.51679	.32544	.57057	.00205	.02799	.03121
SDev	.00011	.14921	.00322	.00102	.00010	.00040	.00013
%RSD	40.538	28.874	.99068	.17941	4.8372	1.4166	.42012

#1	.00035	.62230	.32316	.57129	.00198	.02771	.03112
#2	.00020	.41128	.32772	.56984	.00212	.02827	.03131

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04221	.36600	.01301	.01659	-.00504	.00430
SDev	.00046	.00069	.00244	.00087	.00324	.00074
%RSD	1.0986	.18971	18.739	5.2650	64.406	17.268
#1	.04189	.36550	.01129	.01721	-.00274	.00483
#2	.04254	.36649	.01474	.01597	-.00733	.00378

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40586	--	--	--	--	--	--
SDev	18.38478	--	--	--	--	--	--
%RSD	.0452983	--	--	--	--	--	--
#1	40573	--	--	--	--	--	--
#2	40599	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53079-a-1-c ms Operator: DCL
Run Time: 04/05/12 14:13:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.435	.85396	1.0381	82.312	.44694	1.0328	.53422
SDev	.085	.01825	.0051	.210	.00128	.0043	.00180
%RSD	.46355	2.1375	.49066	.25505	.28602	.41314	.33704
#1	18.374	.84105	1.0345	82.164	.44604	1.0298	.53295

#2	18.495	.86686	1.0417	82.461	.44785	1.0358	.53549
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.315	.96195	.94943	1.0627	72.579	.49836	.65526
SDev	.047	.00359	.00316	.0033	.219	.00224	.00511
%RSD	.32619	.37330	.33262	.30597	.30235	.44919	.77981
#1	14.282	.95941	.94720	1.0604	72.424	.49678	.65165
#2	14.348	.96448	.95167	1.0650	72.734	.49994	.65887
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92432	9.9306	3.6109	1.0264	1.0805	13.476	3.2172
SDev	.00296	.0374	.0099	.0037	.0016	.080	.0087
%RSD	.32026	.37618	.27351	.36252	.15076	.59007	.27036
#1	.92223	9.9041	3.6039	1.0237	1.0817	13.419	3.2110
#2	.92641	9.9570	3.6179	1.0290	1.0793	13.532	3.2233
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.49191	10.377	10.821	1.0823	1.1051	.95775	.98957
SDev	.00120	.021	.059	.0035	.0062	.00230	.00309
%RSD	.24462	.20194	.54682	.32366	.56264	.24038	.31224
#1	.49106	10.362	10.779	1.0798	1.1007	.95613	.98739
#2	.49276	10.392	10.862	1.0848	1.1095	.95938	.99176
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.0072	1.3895	.57783	.69397	.81785	.97755	
SDev	.0034	.0055	.00067	.00733	.00169	.00528	
%RSD	.33902	.39456	.11606	1.0561	.20621	.54049	
#1	1.0047	1.3856	.57736	.68879	.81905	.97382	
#2	1.0096	1.3934	.57831	.69915	.81666	.98129	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40172	--	--	--	--	--	--
SDev	177.4838	--	--	--	--	--	--
%RSD	.4418042	--	--	--	--	--	--
#1	40298	--	--	--	--	--	--
#2	40047	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53079-a-1-d msd Operator: DCL
Run Time: 04/05/12 14:17:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.995	.89289	1.0561	87.201	.45635	1.0626	.54672
SDev	.005	.00645	.0034	.074	.00071	.0002	.00069
%RSD	.02648	.72284	.32477	.08521	.15496	.02082	.12692

#1	18.991	.88832	1.0585	87.253	.45685	1.0624	.54721
#2	18.998	.89745	1.0537	87.148	.45585	1.0628	.54623

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.712	.97859	.96990	1.0867	74.634	.51492	.69398
SDev	.014	.00207	.00128	.0007	.074	.00083	.00089
%RSD	.09474	.21172	.13164	.06321	.09966	.16168	.12815

#1	14.722	.98006	.97080	1.0872	74.686	.51433	.69461
#2	14.702	.97713	.96899	1.0862	74.581	.51550	.69335

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93666	10.146	3.7006	1.0534	1.0948	13.915	3.3288
SDev	.00253	.001	.0050	.0021	.0032	.027	.0058
%RSD	.26968	.01168	.13510	.20276	.29396	.19695	.17366

#1	.93845	10.147	3.7042	1.0519	1.0971	13.895	3.3329

#2	.93488	10.145	3.6971	1.0549	1.0925	13.934	3.3247

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50252	10.513	11.117	1.0374	1.1369	.98069	1.0140
SDev	.00035	.106	.040	.0007	.0007	.00140	.0012
%RSD	.06896	1.0052	.35744	.06991	.05766	.14266	.12227

#1	.50277	10.588	11.089	1.0379	1.1374	.98168	1.0148
#2	.50228	10.439	11.145	1.0368	1.1365	.97970	1.0131

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0309	1.4519	.60873	.73660	.82180	.99410
SDev	.0023	.0004	.00208	.00030	.00705	.00026
%RSD	.22687	.02538	.34153	.03998	.85823	.02640

#1	1.0326	1.4516	.61020	.73681	.82678	.99429
#2	1.0293	1.4521	.60726	.73639	.81681	.99391

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39664	--	--	--	--	--	--
SDev	94.04520	--	--	--	--	--	--
%RSD	.2371017	--	--	--	--	--	--

#1	39598	--	--	--	--	--	--
#2	39731	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53079-a-2-a Operator: DCL
Run Time: 04/05/12 14:21:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.514	.06902	.10198	83.384	.00006	.02871	.02895

SDev	.074	.00783	.00030	.051	.00001	.00137	.00008
%RSD	.27781	11.340	.29898	.06143	20.343	4.7826	.26554
#1	26.462	.07455	.10220	83.348	.00007	.02968	.02901
#2	26.567	.06348	.10177	83.420	.00005	.02773	.02890
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	149.21	.07209	.03531	1.0603	37.873	.01461	2.3999
SDev	.26	.00056	.00026	.0026	.048	.00002	.0022
%RSD	.17528	.77441	.74347	.24213	.12542	.14918	.09112
#1	149.40	.07249	.03550	1.0585	37.907	.01460	2.4015
#2	149.03	.07170	.03513	1.0621	37.840	.01463	2.3984
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00281	3.9957	2.7260	.01063	.05192	6.8288	5.4384

SDev	.00089	.0074	.0033	.00104	.00008	.0162	.0013
%RSD	31.524	.18544	.12250	9.8347	.15337	.23770	.02433
#1	.00218	4.0009	2.7284	.01137	.05198	6.8173	5.4375
#2	.00344	3.9905	2.7237	.00989	.05186	6.8403	5.4394
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00911	1.0470	.94033	5.7906	.00285	.02700	.26492
SDev	.00026	.2114	.00626	.0055	.00038	.00148	.00020
%RSD	2.8986	20.194	.66610	.09460	13.348	5.4677	.07456
#1	.00929	1.1966	.93590	5.7867	.00312	.02596	.26506
#2	.00892	.89754	.94476	5.7944	.00258	.02804	.26478
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.12803	4.2705	2.0989	2.5504	.00208	.00317	
SDev	.00032	.0036	.0136	.0035	.00048	.00109	
%RSD	.25003	.08473	.64680	.13752	23.217	34.250	
#1	.12825	4.2730	2.1085	2.5480	.00174	.00240	
#2	.12780	4.2679	2.0893	2.5529	.00242	.00394	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42422	--	--	--	--	--	--
SDev	140.7142	--	--	--	--	--	--
%RSD	.3316972	--	--	--	--	--	--
#1	42323	--	--	--	--	--	--
#2	42522	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53079-a-3-a Operator: DCL
Run Time: 04/05/12 14:25:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.527	1.1475	2.0650	103.73	.00045	-.00192	.01144
SDev	.024	.0168	.0004	.04	.00001	.00048	.00003
%RSD	.14446	1.4656	.01835	.03401	2.7170	25.147	.26581
#1	16.511	1.1356	2.0648	103.76	.00046	-.00226	.01142
#2	16.544	1.1594	2.0653	103.71	.00044	-.00158	.01147

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.395	.17647	.12062	1.7969	206.82	.01337	23.423
SDev	.027	.00023	.00037	.0038	.39	.00001	.012
%RSD	.18925	.13184	.30655	.21151	.18914	.06400	.05056
#1	14.414	.17664	.12088	1.7942	207.10	.01338	23.431

#2	14.376	.17631	.12036	1.7996	206.54	.01337	23.415

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01112	.93300	22.531	.05295	.07742	1.8152	2.5900
SDev	.00218	.00576	.046	.00044	.00070	.0103	.0001
%RSD	19.628	.61747	.20584	.82304	.90863	.56942	.00538
#1	-.00958	.93708	22.564	.05326	.07791	1.8225	2.5899
#2	-.01267	.92893	22.498	.05265	.07692	1.8079	2.5901

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02985	.36458	.20170	5.4351	.02537	.02895	.14872
SDev	.00005	.03694	.00105	.0021	.00307	.00001	.00027
%RSD	.16586	10.131	.51954	.03819	12.078	.04472	.18070
#1	.02981	.33846	.20095	5.4337	.02321	.02896	.14891
#2	.02988	.39070	.20244	5.4366	.02754	.02894	.14853

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10033	4.6893	20.453	24.908	-.02309	-.00514
SDev	.00035	.0041	.054	.009	.00051	.00353
%RSD	.34596	.08839	.26563	.03773	2.2018	68.704
#1	.10057	4.6923	20.491	24.902	-.02345	-.00264
#2	.10008	4.6864	20.414	24.915	-.02273	-.00763

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39504	--	--	--	--	--	--
SDev	86.97414	--	--	--	--	--	--
%RSD	.2201682	--	--	--	--	--	--
#1	39442	--	--	--	--	--	--
#2	39565	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00001 Operator: DCL
Run Time: 04/05/12 14:29:20

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4418	.54821	.50988	.54335	.44420	.52541	.54235
SDev	.0034	.00912	.00371	.00760	.00151	.00031	.00125
%RSD	.14104	1.6642	.72693	1.3996	.33943	.05866	.23093
#1	2.4442	.55467	.51250	.54872	.44527	.52563	.54323
#2	2.4393	.54176	.50726	.53797	.44313	.52520	.54146

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.212	.45484	.44677	.45456	2.6136	.49863	.49019
SDev	.032	.00127	.00108	.00110	.0163	.00074	.00263
%RSD	.26495	.27980	.24213	.24145	.62284	.14885	.53581
#1	12.235	.45574	.44753	.45534	2.6251	.49915	.49205
#2	12.189	.45394	.44600	.45378	2.6021	.49810	.48833

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48106	4.6533	.46776	.50122	.48781	13.447	.91348
SDev	.00060	.0144	.00217	.00116	.00049	.000	.00524
%RSD	.12540	.30934	.46471	.23058	.10000	.00242	.57326
#1	.48149	4.6634	.46930	.50203	.48815	13.447	.91718
#2	.48064	4.6431	.46623	.50040	.48746	13.446	.90977

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24443	12.897	12.889	.26692	.56006	.46774	.49893
SDev	.00108	.057	.013	.00059	.00122	.00051	.00104
%RSD	.44034	.44280	.10421	.21900	.21766	.10969	.20818
#1	.24519	12.937	12.898	.26734	.56092	.46811	.49967
#2	.24367	12.857	12.879	.26651	.55920	.46738	.49820

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46974	.52498	.42125	.52466	.41818	.51256
SDev	.00067	.00054	.00359	.00214	.00840	.00329
%RSD	.14159	.10291	.85299	.40848	2.0077	.64244
#1	.47021	.52536	.42379	.52618	.42411	.51023
#2	.46927	.52460	.41871	.52315	.41224	.51489

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39398	--	--	--	--	--	--
SDev	111.7229	--	--	--	--	--	--
%RSD	.2835750	--	--	--	--	--	--
#1	39477	--	--	--	--	--	--
#2	39319	--	--	--	--	--	--

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Method: 20076010   Sample Name: CCB                    Operator: DCL
Run Time: 04/05/12 14:33:11
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .11760    .01152    .00082    .00098    -.00147   .00130    -.00028
 SDev    .00057    .00155    .00054    .00008     .00001   .00041     .00002
 %RSD    .48174    13.466    65.992    8.2229    .68374    31.707    8.8078


Analysis Report                          04/05/12 02:36:59 PM        page 26


 #1      .11800    .01262    .00044    .00104    -.00147   .00159    -.00030
 #2      .11720    .01043    .00120    .00092    -.00148   .00101    -.00026

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.05451   .00014    -.00114   -.00532   -.04671   .00044    .00104
 SDev     .00032   .00014     .00022    .00035    .00293   .00005    .00005
 %RSD    .59299    98.568    19.049    6.5037    6.2703    11.889    4.5259

 #1      -.05428   .00024    -.00130   -.00508   -.04879   .00048    .00100
 #2      -.05473   .00004    -.00099   -.00557   -.04464   .00041    .00107

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00187    .02422    .00004    .00109    -.00096   .12706    -.01650
 SDev    .00323    .00489    .00006    .00107     .00038   .03219     .00194
 %RSD    172.69    20.198    156.88    98.839    39.291    25.331    11.735

 #1      .00415    .02768    .00008    .00184    -.00069   .14982    -.01513
 #2      -.00041   .02076    -.00000   .00033    -.00123   .10430    -.01787

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00128   -.23414   -.00421   -.00010   -.00031   -.00029   -.00001
 SDev     .00025    .04726    .00225    .00004    .00050    .00081    .00001
 %RSD    19.295    20.186    53.401    36.903    164.45    282.46    59.458

 #1      -.00111   -.26756   -.00262   -.00007   .00005    .00028    -.00001
 #2      -.00146   -.20072   -.00580   -.00013   -.00066   -.00086   -.00002

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00003   -.00249   .00144    .00083    .00090    .00235
 SDev     .00044    .00016   .00277    .00146    .00352    .00308
 %RSD    1538.3    6.2649    192.19    175.01    391.02    130.93

 #1      .00028    -.00260   .00340    -.00020   .00339    .00453
 #2      -.00034   -.00238   -.00052   .00186    -.00159   .00017


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    39313     --        --        --        --        --        --
 SDev    145.6640  --        --        --        --        --        --
 %RSD    .3705237  --        --        --        --        --        --
```

#1	39210	--	--	--	--	--	--
#2	39416	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53079-a-4-a Operator: DCL
Run Time: 04/05/12 14:37:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7783	.01031	.02698	67.009	-.00070	.01149	-.00071
SDev	.0054	.00160	.00119	.148	.00000	.00021	.00008
%RSD	.11344	15.552	4.4034	.22063	.46469	1.8231	11.736
#1	4.7745	.01144	.02782	66.904	-.00071	.01164	-.00077
#2	4.7822	.00917	.02614	67.114	-.00070	.01134	-.00065

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.3865	.03815	.03694	.12327	57.009	.00209	.01722
SDev	.0015	.00015	.00043	.00031	.004	.00006	.00012
%RSD	.03389	.38922	1.1542	.24856	.00640	2.8463	.69929
#1	4.3876	.03805	.03724	.12306	57.012	.00213	.01730
#2	4.3855	.03826	.03664	.12349	57.007	.00204	.01713

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.40522	2.6310	.00610	.08271	2.5636	1.3999
SDev	.00120	.00326	.0006	.00074	.00046	.0008	.0003
%RSD	243.17	.80380	.02268	12.144	.55378	.03155	.01988
#1	-.00035	.40752	2.6314	.00662	.08303	2.5641	1.3997
#2	.00134	.40292	2.6306	.00557	.08238	2.5630	1.4001

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.46625	.33322	.62569	.00220	.02502	.02665
SDev	.00032	.11180	.00100	.00092	.00001	.00048	.00002
%RSD	195.82	23.979	.30018	.14632	.50236	1.9221	.07407
#1	.00006	.54531	.33251	.62505	.00219	.02468	.02666
#2	-.00039	.38719	.33393	.62634	.00221	.02536	.02663

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03834	.33475	.01558	.01804	-.00172	.00160
SDev	.00009	.00014	.00077	.00020	.00120	.00120
%RSD	.24534	.04214	4.9290	1.1277	69.764	75.148
#1	.03841	.33465	.01612	.01789	-.00256	.00075
#2	.03827	.33485	.01504	.01818	-.00087	.00245

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	39303	--	--	--	--	--	--
SDev	89.09545	--	--	--	--	--	--
%RSD	.2266887	--	--	--	--	--	--
#1	39240	--	--	--	--	--	--
#2	39366	--	--	--	--	--	--

04/05/12 02:44:41 PM page 28

Method: 20076010 Sample Name: 600-53079-a-5-a Operator: DCL
Run Time: 04/05/12 14:40:54
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.271	.04728	.09755	82.028	-.00007	.02496	.02815
SDev	.076	.00072	.00214	.167	.00000	.00035	.00020
%RSD	.29941	1.5171	2.1922	.20341	4.0362	1.3881	.70505
#1	25.325	.04778	.09907	82.146	-.00007	.02472	.02801
#2	25.218	.04677	.09604	81.910	-.00006	.02521	.02829

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	143.02	.06526	.03630	1.0938	36.389	.01421	2.1907
SDev	.16	.00006	.00012	.0032	.028	.00004	.0017
%RSD	.11280	.08956	.32585	.29107	.07604	.29326	.07713
#1	143.13	.06531	.03621	1.0960	36.409	.01424	2.1919
#2	142.91	.06522	.03638	1.0915	36.370	.01418	2.1895

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	3.7365	2.4944	.00921	.05010	6.6369	5.0378
SDev	.00075	.0104	.0029	.00034	.00054	.0248	.0150
%RSD	49.566	.27846	.11608	3.6932	1.0801	.37345	.29764
#1	.00098	3.7438	2.4964	.00897	.05048	6.6545	5.0484
#2	.00203	3.7291	2.4923	.00945	.04972	6.6194	5.0272

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01042	.99022	.90510	5.5408	.00130	.02399	.24933
SDev	.00015	.03101	.00390	.0104	.00272	.00103	.00030
%RSD	1.4449	3.1312	.43040	.18748	208.62	4.2931	.12087
#1	.01031	.96829	.90786	5.5482	.00322	.02326	.24954
#2	.01052	1.0121	.90235	5.5335	-.00062	.02472	.24912

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12140	4.1663	1.8800	2.3460	-.00096	.00274
SDev	.00062	.0062	.0081	.0015	.00149	.00038
%RSD	.50959	.14806	.43343	.06564	154.88	13.732
#1	.12184	4.1707	1.8858	2.3449	-.00201	.00247
#2	.12096	4.1620	1.8743	2.3471	.00009	.00300

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41790	--	--	--	--	--	--
SDev	94.04520	--	--	--	--	--	--
%RSD	.2250397	--	--	--	--	--	--

Analysis Report 04/05/12 02:44:41 PM page 29

#1	41724	--	--	--	--	--	--
#2	41857	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53079-a-6-a Operator: DCL
Run Time: 04/05/12 14:44:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.699	1.1272	2.0498	103.10	.00046	-.00268	.01089
SDev	.030	.0145	.0022	.35	.00000	.00058	.00011
%RSD	.18060	1.2869	.10878	.34431	.19952	21.740	.98820
#1	16.721	1.1169	2.0514	103.35	.00046	-.00227	.01097
#2	16.678	1.1374	2.0482	102.85	.00046	-.00309	.01081

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.126	.18212	.12314	1.8598	222.12	.01359	20.399
SDev	.054	.00107	.00036	.0078	.86	.00004	.027
%RSD	.31412	.58793	.29182	.42105	.38649	.29945	.13034
#1	17.165	.18288	.12340	1.8654	222.73	.01362	20.418
#2	17.088	.18136	.12289	1.8543	221.51	.01356	20.381

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01467	1.0979	21.250	.04297	.07465	1.9763	2.5507
SDev	.00173	.0037	.082	.00024	.00049	.0107	.0036
%RSD	11.822	.33557	.38691	.54828	.65184	.54319	.14169
#1	-.01589	1.1005	21.309	.04280	.07499	1.9839	2.5532
#2	-.01344	1.0953	21.192	.04313	.07430	1.9687	2.5481

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04980	.49396	.27334	5.7011	.03312	.02717	.14907
SDev	.00003	.07293	.00010	.0188	.00049	.00040	.00075
%RSD	.06568	14.764	.03487	.32914	1.4711	1.4697	.50526
#1	.04978	.44240	.27341	5.7144	.03278	.02689	.14960
#2	.04982	.54553	.27327	5.6878	.03347	.02745	.14854

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10149	5.2213	17.504	21.847	-.02401	-.01000
SDev	.00051	.0171	.018	.031	.00379	.00449
%RSD	.49879	.32834	.10440	.14072	15.764	44.952
#1	.10184	5.2334	17.517	21.869	-.02133	-.01317
#2	.10113	5.2091	17.491	21.825	-.02669	-.00682

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/05/12 02:48:32 PM page 30

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38386	--	--	--	--	--	--
SDev	120.9153	--	--	--	--	--	--
%RSD	.3150024	--	--	--	--	--	--
#1	38300	--	--	--	--	--	--
#2	38471	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-52201-a-24-a Operator: DCL
Run Time: 04/05/12 14:48:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	162.83	.98004	.98527	5.4246	.38627	1.1692	.44097
SDev	.26	.00871	.00432	.0114	.00053	.0003	.00031
%RSD	.16064	.88871	.43898	.21011	.13632	.02532	.06955
#1	163.02	.98620	.98833	5.4327	.38664	1.1690	.44118
#2	162.65	.97388	.98221	5.4166	.38590	1.1694	.44075

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	898.38	.94218	.79133	.91037	159.44	1.2884	1.0501
SDev	2.23	.00047	.00112	.00141	.19	.0006	.0043
%RSD	.24808	.04972	.14160	.15526	.11899	.04597	.41011
#1	899.96	.94251	.79212	.91137	159.58	1.2879	1.0532
#2	896.81	.94185	.79054	.90937	159.31	1.2888	1.0471

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81807	49.982	3.5488	.88217	.91611	55.752	5.9779
SDev	.00311	.074	.0040	.00168	.00148	.046	.0052
%RSD	.38050	.14725	.11311	.18983	.16194	.08322	.08773
#1	.82027	50.034	3.5516	.88098	.91716	55.785	5.9816
#2	.81587	49.930	3.5459	.88335	.91506	55.719	5.9741

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45494	15.184	18.051	3.8979	.97891	.83199	1.1445
SDev	.00178	.149	.019	.0009	.00025	.00527	.0012
%RSD	.39076	.97844	.10740	.02334	.02531	.63365	.10217
#1	.45619	15.289	18.065	3.8973	.97873	.83572	1.1453
#2	.45368	15.079	18.037	3.8986	.97909	.82826	1.1437

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0777	1.5418	.89456	1.1279	.70792	.87315
SDev	.0011	.0014	.00786	.0025	.00501	.00216
%RSD	.10675	.09372	.87875	.22425	.70739	.24798

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 #1      1.0785    1.5429    .90012    1.1297    .71146    .87468

Analysis Report                          04/05/12 02:52:23 PM        page 31


 #2      1.0768    1.5408    .88900    1.1261    .70438    .87162

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    39404     --        --        --        --        --        --
 SDev    120.2082  --        --        --        --        --        --
 %RSD    .3050659  --        --        --        --        --        --

 #1      39319     --        --        --        --        --        --
 #2      39489     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: SD 600-52201-a-24a@5   Operator: DCL
Run Time: 04/05/12 14:52:26
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    34.759    .01010    .01865    1.0102    .00051    .04680    -.00082
 SDev      .039    .00102    .00059     .0010    .00003    .00109     .00009
 %RSD    .11149    10.131    3.1431    .10311    5.6554    2.3343    11.207

 #1      34.786    .01083    .01906    1.0109    .00053    .04758    -.00076
 #2      34.731    .00938    .01824    1.0094    .00049    .04603    -.00089

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    253.81    .04011    .01194    .01420    35.001    .02998    .05121
 SDev       .44    .00036    .00057    .00018      .061    .00009    .00024
 %RSD    .17216    .88962    4.7732    1.2754    .17490    .28780    .45985

 #1      254.12    .04036    .01235    .01407    35.044    .03004    .05138
 #2      253.50    .03985    .01154    .01432    34.957    .02992    .05105

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00206   9.8787    .64625    .00449    .02415    8.8001    1.1482
 SDev     .00059    .0207    .00062    .00101    .00068     .0030     .0022
 %RSD    28.694    .20948    .09547    22.431    2.8357    .03405    .19291

 #1      -.00248   9.8933    .64669    .00520    .02463    8.8022    1.1497
 #2      -.00164   9.8640    .64581    .00378    .02366    8.7980    1.1466

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00040   1.1118    1.0937    .72938    .00414    .00627    .06292
 SDev     .00059    .1307     .0023    .00014    .00033    .00236    .00015
 %RSD    148.99    11.754    .21222    .01888    7.9074    37.691    .24320

 #1      .00002    1.2042    1.0953    .72947    .00437    .00794    .06303
 #2      -.00081   1.0194    1.0920    .72928    .00391    .00460    .06281

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .06202    .14470    .04291    .05537    .00053    -.00335
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SDev	.00014	.00028	.00128	.00029	.00223	.00200
%RSD	.22899	.19154	2.9783	.51610	417.80	59.609
#1	.06212	.14489	.04381	.05516	.00211	-.00477
#2	.06192	.14450	.04201	.05557	-.00104	-.00194

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38352	--	--	--	--	--	--
SDev	3.535534	--	--	--	--	--	--
%RSD	.0092185	--	--	--	--	--	--
#1	38350	--	--	--	--	--	--
#2	38355	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00001 Operator: DCL
Run Time: 04/05/12 14:56:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4528	.53337	.51248	.54287	.43925	.53275	.55126
SDev	.0007	.00023	.00004	.00020	.00034	.00126	.00030
%RSD	.02859	.04235	.00795	.03697	.07745	.23642	.05521
#1	2.4523	.53322	.51245	.54301	.43900	.53186	.55105
#2	2.4533	.53353	.51251	.54273	.43949	.53364	.55148

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.234	.45344	.44507	.44837	2.6356	.51123	.49303
SDev	.004	.00006	.00027	.00020	.0010	.00042	.00029
%RSD	.02964	.01231	.06070	.04519	.03848	.08260	.05846
#1	12.232	.45348	.44488	.44823	2.6349	.51153	.49323
#2	12.237	.45340	.44526	.44851	2.6364	.51093	.49282

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48181	4.6771	.46691	.50103	.50165	13.916	.91157
SDev	.00261	.0057	.00028	.00124	.00044	.012	.00164
%RSD	.54125	.12092	.06064	.24835	.08816	.08581	.17952
#1	.48365	4.6731	.46671	.50015	.50196	13.924	.91273
#2	.47996	4.6811	.46711	.50191	.50134	13.908	.91041

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24468	13.068	13.173	.27037	.56883	.46850	.50073
SDev	.00048	.103	.020	.00017	.00084	.00077	.00040
%RSD	.19694	.78587	.15411	.06399	.14728	.16537	.08068
#1	.24434	12.995	13.188	.27024	.56943	.46905	.50045
#2	.24503	13.141	13.159	.27049	.56824	.46796	.50102

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46853	.53040	.41916	.52996	.41326	.51613
SDev	.00011	.00069	.00263	.00175	.00170	.00476
%RSD	.02259	.12990	.62807	.32994	.41142	.92259
#1	.46846	.52992	.41730	.53120	.41205	.51950
#2	.46861	.53089	.42102	.52873	.41446	.51277

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38127	--	--	--	--	--	--
SDev	86.26703	--	--	--	--	--	--
%RSD	.2262623	--	--	--	--	--	--
#1	38188	--	--	--	--	--	--
#2	38066	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/05/12 15:00:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13209	.00335	.00249	.00019	-.00162	.00068	-.00016
SDev	.00550	.00381	.00176	.00021	.00002	.00164	.00000
%RSD	4.1609	113.60	70.624	113.83	1.4384	242.28	.93319
#1	.13598	.00605	.00373	.00034	-.00160	.00184	-.00016
#2	.12821	.00066	.00125	.00004	-.00163	-.00048	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05456	-.00004	-.00032	-.00545	-.00831	.00068	.00067
SDev	.00113	.00066	.00079	.00091	.03775	.00001	.00007
%RSD	2.0802	1849.6	244.11	16.635	454.24	1.4410	9.8636
#1	-.05536	.00043	-.00088	-.00481	-.03500	.00069	.00062
#2	-.05376	-.00050	.00024	-.00609	.01838	.00068	.00072

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.03810	-.00005	.00067	-.00078	.24016	-.01914
SDev	.00081	.00043	.00008	.00042	.00020	.00147	.00438
%RSD	63.309	1.1272	151.80	62.179	26.133	.61210	22.881
#1	.00071	.03779	.00000	.00038	-.00092	.23912	-.01605
#2	.00186	.03840	-.00011	.00097	-.00063	.24120	-.02224

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	-.01589	.00307	-.00012	-.00194	-.00100	-.00016
SDev	.00112	.20524	.00139	.00007	.00111	.00313	.00043

%RSD	383.82	1291.6	45.371	63.324	57.436	312.13	263.19

#1	-.00108	-.16101	.00208	-.00006	-.00115	-.00322	.00014
#2	.00050	.12923	.00405	-.00017	-.00273	.00121	-.00047

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	-.00289	.00177	.00012	.00677	-.00146
SDev	.00082	.00013	.00348	.00164	.00318	.00037
%RSD	673.55	4.4732	196.66	1354.3	46.992	25.527

#1	.00046	-.00280	-.00069	.00128	.00452	-.00120
#2	-.00071	-.00298	.00423	-.00104	.00902	-.00173

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38120	--	--	--	--	--	--
SDev	9.192388	--	--	--	--	--	--
%RSD	.0241140	--	--	--	--	--	--

#1	38127	--	--	--	--	--	--
#2	38114	--	--	--	--	--	--

Analysis Report 04/05/12 04:21:06 PM page 1

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/05/12 16:17:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	468.02	.00752	.00055	.00186	-.00233	-.00291	-.00826
SDev	.71	.00203	.00437	.00001	.00001	.00040	.00015
%RSD	.15124	27.055	795.64	.45126	.58664	13.603	1.7811

#1	468.52	.00608	-.00254	.00186	-.00234	-.00319	-.00816
#2	467.52	.00896	.00364	.00187	-.00232	-.00263	-.00836

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	437.23	.00130	-.00099	.00801	200.75	.00611	.00295
SDev	.56	.00048	.00055	.00030	.14	.00002	.00109
%RSD	.12800	37.178	55.814	3.7659	.07083	.33183	37.011

#1	437.63	.00095	-.00060	.00780	200.85	.00612	.00372
#2	436.84	.00164	-.00138	.00822	200.65	.00609	.00218

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01869	471.09	-.00658	-.00109	.00002	.67316	-.00730
SDev	.00277	.06	.00002	.00003	.00012	.00583	.00231
%RSD	14.808	.01199	.27738	2.6118	752.82	.86672	31.589

#1	-.02065	471.13	-.00659	-.00111	-.00007	.67728	-.00567
#2	-.01673	471.06	-.00657	-.00107	.00010	.66903	-.00893

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00204	.03798	.23352	-.00864	.03471	-.00659	-.00387
SDev	.00028	.14060	.00150	.00001	.00020	.00073	.00011

%RSD	13.697	370.23	.64266	.14608	.58715	11.050	2.8721
#1	-.00184	.13739	.23458	-.00865	.03456	-.00711	-.00379
#2	-.00224	-.06144	.23246	-.00863	.03485	-.00608	-.00395

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00602	-.00810	-.00370	.00627	.00608	-.03108
SDev	.00022	.00009	.00100	.00114	.00667	.00082
%RSD	3.5828	1.1162	27.051	18.143	109.59	2.6333
#1	.00586	-.00816	-.00299	.00708	.00137	-.03166
#2	.00617	-.00803	-.00440	.00547	.01080	-.03050

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31758	--	--	--	--	--	--
SDev	73.53911	--	--	--	--	--	--
%RSD	.2315609	--	--	--	--	--	--

#1	31706	--	--	--	--	--	--
#2	31810	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 04/05/12 16:21:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	479.84	1.1838	1.0792	1.1843	.42203	1.1633	.53753
SDev	.00	.0030	.0033	.0013	.00045	.0018	.00036
%RSD	.00086	.25605	.30937	.11176	.10591	.15355	.06712
#1	479.83	1.1816	1.0768	1.1852	.42234	1.1645	.53778
#2	479.84	1.1859	1.0815	1.1833	.42171	1.1620	.53727

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	446.90	.89591	.85653	.96046	212.81	1.4127	1.0009
SDev	.38	.00037	.00088	.00076	.11	.0013	.0016
%RSD	.08430	.04101	.10225	.07894	.05000	.09119	.16370
#1	447.17	.89617	.85715	.96099	212.89	1.4117	.99975
#2	446.64	.89565	.85591	.95992	212.74	1.4136	1.0021

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96773	484.77	.95231	1.0066	1.0047	17.531	.98573
SDev	.01118	.01	.00059	.0007	.0063	.048	.00052
%RSD	1.1553	.00186	.06195	.06485	.62616	.27200	.05261
#1	.95983	484.78	.95273	1.0070	1.0091	17.497	.98609
#2	.97564	484.76	.95190	1.0061	1.0002	17.564	.98536

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53992	12.656	15.571	.57024	1.2285	.96063	1.0204
SDev	.00061	.184	.031	.00059	.0064	.00053	.0010
%RSD	.11289	1.4507	.19634	.10415	.52037	.05530	.09528
#1	.54035	12.786	15.550	.57066	1.2240	.96025	1.0211
#2	.53949	12.526	15.593	.56982	1.2330	.96100	1.0197

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93558	1.0894	.83971	1.0815	.85735	1.0229
SDev	.00092	.0009	.00329	.0041	.00617	.0199
%RSD	.09848	.08587	.39198	.37942	.71916	1.9409
#1	.93623	1.0888	.84204	1.0786	.86171	1.0089
#2	.93493	1.0901	.83738	1.0844	.85299	1.0370

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31641	--	--	--	--	--	--
SDev	2.828427	--	--	--	--	--	--
%RSD	.0089391	--	--	--	--	--	--
#1	31643	--	--	--	--	--	--
#2	31639	--	--	--	--	--	--

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Batch Number: 76449 Batch Start Date: 04/04/12 14:49 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	METH202 00020	METHCL 00037	METHNO3 00027
MB 600-76449/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL	4 mL	2.5 mL	5 mL
LCS 600-76449/2		3050B, 6010B		CALC NOT SET TO RUN	0.50 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-1	2012-BG-1	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-2	2012-BG-2	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-3	2012-BG-3	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-4	2012-BG-7	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-5	2012-BG-9	3050B, 6010B	T	CALC NOT SET TO RUN	1.00 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-6	2012-BG-5	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-7	2012-BG-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-8	2012-BG-6	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-9	2012-BG-10	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-10	2012-BG-8	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-10 DU	2012-BG-8	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-10 MS	2012-BG-8	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL	4 mL	2.5 mL	5 mL
600-52867-A-10 MSD	2012-BG-8	3050B, 6010B	T	CALC NOT SET TO RUN	1.06 g	50 mL	4 mL	2.5 mL	5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSLCSS 00016	METSPIKEA 00011	METSPIKEB 00012			
MB 600-76449/1		3050B, 6010B							
LCS 600-76449/2		3050B, 6010B		0.5 g					
600-52867-A-1	2012-BG-1	3050B, 6010B	T						
600-52867-A-2	2012-BG-2	3050B, 6010B	T						
600-52867-A-3	2012-BG-3	3050B, 6010B	T						
600-52867-A-4	2012-BG-7	3050B, 6010B	T						
600-52867-A-5	2012-BG-9	3050B, 6010B	T						
600-52867-A-6	2012-BG-5	3050B, 6010B	T						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Batch Number: 76449 Batch Start Date: 04/04/12 14:49 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	METSLCSS 00016	METSPIKEA 00011	METSPIKEB 00012			
600-52867-A-7	2012-BG-4	3050B, 6010B	T						
600-52867-A-8	2012-BG-6	3050B, 6010B	T						
600-52867-A-9	2012-BG-10	3050B, 6010B	T						
600-52867-A-10	2012-BG-8	3050B, 6010B	T						
600-52867-A-10 DU	2012-BG-8	3050B, 6010B	T						
600-52867-A-10 MS	2012-BG-8	3050B, 6010B	T		250 uL	250 uL			
600-52867-A-10 MSD	2012-BG-8	3050B, 6010B	T		250 uL	250 uL			

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	517

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52867-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
2012-BG-1	600-52867-1
2012-BG-2	600-52867-2
2012-BG-3	600-52867-3
2012-BG-7	600-52867-4
2012-BG-9	600-52867-5
2012-BG-5	600-52867-6
2012-BG-4	600-52867-7
2012-BG-6	600-52867-8
2012-BG-10	600-52867-9
2012-BG-8	600-52867-10

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-52867-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/02/2012 13:22 End Date: 04/02/2012 13:22

Lab Sample ID	D/F	Type	Time	Analytes																				
				%Sol	Moist																			
ZZZZZZ			13:22																					
ZZZZZZ			13:22																					
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ZZZZZZ			13:22																					
600-52867-1	1	T	13:22	X	X																			
600-52867-2	1	T	13:22	X	X																			
600-52867-3	1	T	13:22	X	X																			
600-52867-4	1	T	13:22	X	X																			
600-52867-5	1	T	13:22	X	X																			
600-52867-5 DU	1	T	13:22	X	X																			
600-52867-6	1	T	13:22	X	X																			
600-52867-7	1	T	13:22	X	X																			
600-52867-8	1	T	13:22	X	X																			
600-52867-9	1	T	13:22	X	X																			
600-52867-10	1	T	13:22	X	X																			
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Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-52867-1

SDG No.:

Batch Number: 76213 Batch Start Date: 04/02/12 13:22 Batch Analyst: Daniel, Kevin R

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
600-52867-A-1	2012-BG-1	Moisture	T	10	3.01 g	13.72 g	11.28 g		
600-52867-A-2	2012-BG-2	Moisture	T	11	3.01 g	13.94 g	12.30 g		
600-52867-A-3	2012-BG-3	Moisture	T	12	3.01 g	13.60 g	11.51 g		
600-52867-A-4	2012-BG-7	Moisture	T	13	3.01 g	13.57 g	11.33 g		
600-52867-A-5	2012-BG-9	Moisture	T	14	3.01 g	15.05 g	12.72 g		
600-52867-A-5 DU	2012-BG-9	Moisture	T	15	3.01 g	14.88 g	12.44 g		
600-52867-A-6	2012-BG-5	Moisture	T	16	3.01 g	13.38 g	11.43 g		
600-52867-A-7	2012-BG-4	Moisture	T	17	3.01 g	14.91 g	12.24 g		
600-52867-A-8	2012-BG-6	Moisture	T	18	3.01 g	14.88 g	12.34 g		
600-52867-A-9	2012-BG-10	Moisture	T	19	3.01 g	13.80 g	11.56 g		
600-52867-A-10	2012-BG-8	Moisture	T	20	3.01 g	14.71 g	12.33 g		

Batch Notes	
Balance ID	b-2 No Unit
Date samples were placed in the oven	04/02/2012

Basis	Basis Description
T	Total/NA

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
PBW, LLC	Sachin Kuchadkar, Chris Moore	3/29/12	090335
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
2201 Double Creek Dr, Ste 4004	512-671-3434 / 3446		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Round Rock / TX / 78664	Chris Moore		
Project Name and Location (State)	**Carrier/Waybill Number**		
Exide Frisco (TX)	FedEx		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): CAt Pb (6010/6020)	Special Instructions/ Conditions of Receipt
2012-BG-1	3/29/12	0818				X	X						X	
2012-BG-2		0840				X	X						X	
2012-BG-3		0900				X	X						X	
2012-BG-7		0946				X	X						X	
2012-BG-9		1020				X	X						X	
2012-BG-5		1125				X	X						X	
2012-BG-4		1516				X	X						X	
2012-BG-6		1532				X	X						X	
2012-BG-10		1620				X	X						X	
2012-BG-10		1625				X	X						X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☒ Archive For Indefinite Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Std

QC Requirements (Specify) TV

	Relinquished By	Date	Time	Received By	Date	Time
1.		3/28/12	1712		3.30.12	931
2.						
3.						

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

4/25/2012

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-52867-1

Login Number: 52867

List Number: 1

Creator: Capps, Dana

List Source: TestAmerica Houston

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	9.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Tel: (713)690-4444

TestAmerica Job ID: 600-53710-1
Client Project/Site: Exide Recycling Center, Frisco TX Projec

For:
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Attn: Eric Pastor

Authorized for release by:
5/3/2012 6:12:02 PM
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Designee for

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

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Have a Question? Ask The Expert

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Table of Contents

Cover Page 1
Table of Contents 2
TRRP Cover Page 3
TRRP Checklists & DCSs 4
Case Narrative 22
Method Summary 23
Sample Summary 24
Client Sample Results 25
Definitions/Glossary 26
QC Sample Results 27
Default Detection Limits 31
QC Association Summary 32
Lab Chronicle 34
Certification Summary 35
Raw Data 36
Chain of Custody 356
Receipt Checklists 357

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-53710-1

Project Name/Number: Exide Recycling Center, Frisco TX

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Cathy Upton		05/03/2012
Name (printed)	Signature	Date
Data Delivery Analyst		
Official Title (printed)		

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 77687 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?		X			1
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?			X		
		Were blanks analyzed at the appropriate frequency?			X		
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?			X		
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 77687 - pH

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 77687 - pH

ER #[1]	DESCRIPTION
1	The EPA has clarified that the Analyzed Immediately holding time is fifteen minutes from sample collection time. As a result, the holding times for pH had already expired by the time the samples arrived at our laboratory.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77742- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?			X		
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			X		
		Were MS/MSD analyzed at the appropriate frequency?			X		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			X		
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77742- Ignitability (Flashpoint)

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77742- Ignitability (Flashpoint)

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77652 - Reactivity, Cyanide and Sulfide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?			X		
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?			X		
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?			X		
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?			X		
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?			X		
		Are unadjusted MQLs and DCSs included in the laboratory data package?			X		
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77652 - Reactivity, Cyanide and Sulfide

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?			X		
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?			X		
		Has the initial calibration curve been verified using an appropriate second source standard?			X		
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?			X		
		Were percent differences for each analyte within the method-required QC limits?			X		
		Was the ICAL curve verified for each analyte?			X		
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?			X		
		Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 04/30/2012
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: BDG	Prep Batch Number(s): 600-77652 - Reactivity, Cyanide and Sulfide

ER #[1]	DESCRIPTION
1	The laboratory selected another client's sample to perform as the MS.
2	The laboratory selected another client's sample to perform as the DUP.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/03/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77589(SPLP), 77850(Soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for Soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all Soil and sediment samples?	X				
		Were bulk Soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Were MS/MSD RPDs within laboratory QC limits?		X			3
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?		X			4
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/03/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77589(SPLP), 77850(Soil)- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			5
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
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Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 05/03/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77589(SPLP), 77850(Soil)- ICP

ER #[1]	DESCRIPTION
1	Barium was detected above the MDL, but below the MQL in the leachate blank for batch 77501. The level of detection is below the recommended reporting limit and the appropriate flags have been applied.
2	The lead recoveries in samples 53710-1 MS and MSD were outside acceptance limits, but were not flagged due to the background sample result being greater than four times the spike added concentration. Method performance is demonstrated by acceptable LCS recoveries.
3	The lead RPD between samples 53710-1 MS and MSD was above acceptance limits due to the non-homogenous nature of the samples.
4	The lead RPD between samples 53710-1 and 53710-1 MD was above acceptance limits due to the non-homogenous nature of the samples.
5	The lead percent difference between samples 53710-1 and 53710-1 SD was above acceptance limits due to matrix interference.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77591- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
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5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 05/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77591- Mercury

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
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5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 05/02/12
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-53710
Reviewer Name: TWR	Prep Batch Number(s): 600-77591- Mercury

ER #[1]	DESCRIPTION

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALS Batches:	75833
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	0.315	25
Antimony	0.231553	0.45	0.485	2.5
Arsenic	0.217923	0.5	0.43	1
Barium	0.011322	0.03	0.02	1
Beryllium	0.014513	0.02	0.02	0.25
Boron	0.385535	0.6	0.755	20
Cadmium	0.025642	0.05	0.045	0.25
Calcium	0.86399	1.5	2.88	100
Chromium	0.050606	0.1	0.1	0.5
Cobalt	0.067622	0.1	0.095	0.5
Copper	0.173703	0.5	0.43	0.5
Iron	2.534007	4	3.77	20
Lithium	0.007932	0.01	0.04	10
Lead	0.104832	0.2	0.2	0.5
Selenium	0.258884	0.5	0.555	2
Manganese	0.038111	0.05	0.065	1.5
Molybdenum	0.136448	0.35	0.345	0.5
Nickel	0.116599	0.15	0.145	1
Silver	0.118848	0.2	0.19	0.5
Sodium	0.885548	2.4	2.215	100
Strontium	0.00252	0.005	0.965	0.25
Thallium	0.276988	0.7	0.595	1.5
Tin	0.08729	0.15	0.14	1
Titanium	0.014529	0.03	0.045	0.5
Vanadium	0.079068	0.15	0.195	0.5
Zinc	0.108432	0.2	0.34	1.5

Detection Check Standard

Matrix:	Water
Method:	200.7/6010
Preparation:	200.7P/3010
Date Analyzed:	3/28/2012
Date Prepared:	3/27/2012
Instrument:	Thermo 6500
TALs Batches:	75833
Units:	mg/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.006	0.02	0.008	0.5
Antimony	0.0063	0.01	0.0095	0.05
Arsenic	0.0033	0.01	0.0079	0.01
Barium	0.0022	0.005	0.0049	0.02
Beryllium	0.00134	0.002	0.0042	0.005
Boron	0.0077	0.02	0.0204	0.2
Cadmium	0.00073	0.001	0.001	0.005
Calcium	0.022	0.05	0.0589	1
Chromium	0.0016	0.002	0.0043	0.01
Cobalt	0.00063	0.001	0.0011	0.01
Copper	0.0014	0.002	0.0014	0.01
Iron	0.087	0.1	0.1005	0.4
Lithium	0.0024	0.005	0.0054	0.2
Lead	0.0029	0.005	0.0054	0.01
Selenium	0.0042	0.01	0.0084	0.04
Manganese	0.00084	0.002	0.002	0.01
Molybdenum	0.0027	0.005	0.005	0.01
Nickel	0.00179	0.005	0.0049	0.01
Silver	0.0012	0.0025	0.0025	0.01
Sodium	0.02	0.05	0.0559	1
Strontium	0.0005	0.001	0.0011	0.005
Thallium	0.0078	0.02	0.0195	0.03
Tin	0.0028	0.005	0.0048	0.01
Titanium	0.0011	0.002	0.0018	0.01
Vanadium	0.0017	0.002	0.0048	0.01
Zinc	0.0022	0.005	0.0064	0.01

Detection Check Standard

Matrix:	Water
Method:	7470, 245.1
Preparation:	7470p, 245.1p
Date Analyzed:	2/28/2012
Date Prepared:	2/28/2012
Instrument:	FIMS100
TALs Batches:	73427
Units:	ug/L

Analyte	MDL	DCS Spike	Measured Result	MQL
Mercury	0.026	0.0625	0.0296	0.2

Job ID: 600-53710-1

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-53710-1

Comments
No additional comments.

Receipt
The sample was received on 4/18/2012 9:56 AM; the sample arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 4.90 C.

Method Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL HOU
7470A	Mercury (CVAA)	SW846	TAL HOU
7.4.4	Reactive Sulfide	EPA	TAL HOU
9012	Cyanide, Reactive	SW846	TAL HOU
9045C	Corrosivity	SW846	TAL HOU
D92	Flashpoint	ASTM	TAL HOU
Moisture	Percent Moisture	EPA	TAL HOU

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-53710-1	IDW-4	Solid	04/17/12 13:00	04/18/12 09:56

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Client Sample ID: IDW-4
Date Collected: 04/17/12 13:00
Date Received: 04/18/12 09:56

Lab Sample ID: 600-53710-1
Matrix: Solid
Percent Solids: 81.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1560**		0.605	0.127	mg/Kg	☼	04/24/12 11:27	04/24/12 16:00	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	**4.83**		0.100	0.0290	mg/L		04/20/12 06:47	04/23/12 11:35	1
Cr	0.0155	U	0.100	0.0155	mg/L		04/20/12 06:47	04/23/12 11:35	1
Cd	**0.0113**	**J**	0.0500	0.00350	mg/L		04/20/12 06:47	04/23/12 11:35	1
Ba	**0.706**	**b**	0.200	0.0220	mg/L		04/20/12 06:47	04/23/12 11:35	1
As	0.0328	U	0.100	0.0328	mg/L		04/20/12 06:47	04/23/12 11:35	1
Ag	0.0125	U	0.100	0.0125	mg/L		04/20/12 06:47	04/23/12 11:35	1
Se	0.0417	U	0.400	0.0417	mg/L		04/20/12 06:47	04/23/12 11:35	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0260	U	0.200	0.0260	ug/L		04/20/12 07:57	04/20/12 13:31	1

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	14.0	U	50.0	14.0	mg/Kg		04/20/12 13:58	04/20/12 14:15	1
Cyanide, Reactive	85.5	U	250	85.5	ug/Kg		04/20/12 13:58	04/20/12 14:57	1
pH	**8.22**		0.0100	0.0100	SU			04/21/12 15:00	1
Flashpoint	**>212**		1.00	1.00	Degrees F			04/23/12 09:15	1
Percent Moisture	**19**		1.0	1.0	%			04/19/12 15:30	1
Percent Solids	**81**		1.0	1.0	%			04/19/12 15:30	1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.
b	The compound was found in the blank and sample
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
F	Duplicate RPD exceeds the control limit
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
N	RPD of the MS and MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-77589/1-A
Matrix: Solid
Analysis Batch: 77743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77589

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	0.00155	U	0.0100	0.00155	mg/L		04/20/12 06:47	04/23/12 10:49	1
Pb	0.00290	U	0.0100	0.00290	mg/L		04/20/12 06:47	04/23/12 10:49	1
Cd	0.000350	U	0.00500	0.000350	mg/L		04/20/12 06:47	04/23/12 10:49	1
Ba	0.00220	U	0.0200	0.00220	mg/L		04/20/12 06:47	04/23/12 10:49	1
As	0.00328	U	0.0100	0.00328	mg/L		04/20/12 06:47	04/23/12 10:49	1
Ag	0.00125	U	0.0100	0.00125	mg/L		04/20/12 06:47	04/23/12 10:49	1
Se	0.00417	U	0.0400	0.00417	mg/L		04/20/12 06:47	04/23/12 10:49	1

Lab Sample ID: LCS 600-77589/2-A
Matrix: Solid
Analysis Batch: 77743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr	1.00	1.001		mg/L		100	80 - 120
Pb	1.00	1.004		mg/L		100	80 - 120
Cd	0.500	0.5055		mg/L		101	80 - 120
Ba	1.00	0.9976		mg/L		100	80 - 120
As	1.00	1.007		mg/L		101	80 - 120
Ag	0.500	0.5046		mg/L		101	80 - 120
Se	1.00	0.9992		mg/L		100	80 - 120

Lab Sample ID: MB 600-77850/14-A
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77850

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.105	U	0.500	0.105	mg/Kg		04/24/12 13:09	04/24/12 15:45	1

Lab Sample ID: MB 600-77850/1-A
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77850

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.105	U	0.500	0.105	mg/Kg		04/24/12 11:27	04/24/12 15:37	1

Lab Sample ID: LCS 600-77850/2-A
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	144	131.9		mg/Kg		92	79 - 121

Lab Sample ID: 600-53710-1 MS
Matrix: Solid
Analysis Batch: 77847

Client Sample ID: IDW-4
Prep Type: Total/NA
Prep Batch: 77850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1560		59.4	728.2	4	mg/Kg	☼	-1409	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 600-53710-1 MSD — **Client Sample ID: IDW-4**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77847 — **Prep Batch: 77850**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1560		59.9	1627	4 N	mg/Kg	☼	104	75 - 125	76	20

Lab Sample ID: 600-53710-1 DU — **Client Sample ID: IDW-4**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77847 — **Prep Batch: 77850**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	1560		4430	F	mg/Kg	☼	96	20

Lab Sample ID: LB 600-77501/1-C LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 77743 — **Prep Batch: 77589**

Analyte	LB Result	LB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr	0.0155	U	0.100	0.0155	mg/L		04/20/12 06:47	04/23/12 11:16	1
Pb	0.0290	U	0.100	0.0290	mg/L		04/20/12 06:47	04/23/12 11:16	1
Cd	0.00350	U	0.0500	0.00350	mg/L		04/20/12 06:47	04/23/12 11:16	1
Ba	0.09530	J	0.200	0.0220	mg/L		04/20/12 06:47	04/23/12 11:16	1
As	0.0328	U	0.100	0.0328	mg/L		04/20/12 06:47	04/23/12 11:16	1
Ag	0.0125	U	0.100	0.0125	mg/L		04/20/12 06:47	04/23/12 11:16	1
Se	0.0417	U	0.400	0.0417	mg/L		04/20/12 06:47	04/23/12 11:16	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 600-77591/7-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77659 — **Prep Batch: 77591**

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0260	U	0.200	0.0260	ug/L		04/20/12 07:57	04/20/12 13:24	1

Lab Sample ID: LCS 600-77591/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 77659 — **Prep Batch: 77591**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.00	2.942		ug/L		98	70 - 130

Lab Sample ID: LB 600-77501/1-D LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 77659 — **Prep Batch: 77591**

Analyte	LB Result	LB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0260	U	0.200	0.0260	ug/L		04/20/12 07:57	04/20/12 13:27	1

Lab Sample ID: 600-53710-1 MS — **Client Sample ID: IDW-4**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 77659 — **Prep Batch: 77591**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0260	U	3.00	3.119		ug/L		104	75 - 125

Lab Sample ID: 600-53710-1 DU
Matrix: Solid
Analysis Batch: 77659

Client Sample ID: IDW-4
Prep Type: TCLP
Prep Batch: 77591

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.0260	U	0.0260	U	ug/L		NC	20

Method: 7.4.4 - Reactive Sulfide

Lab Sample ID: MB 600-77652/1-A
Matrix: Solid
Analysis Batch: 77665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77652

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	14.0	U	50.0	14.0	mg/Kg		04/20/12 13:58	04/20/12 14:15	1

Lab Sample ID: LCS 600-77652/2-A
Matrix: Solid
Analysis Batch: 77665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	2060	14.0	U	mg/Kg		0	0 - 100

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 600-77652/1-A
Matrix: Solid
Analysis Batch: 77795

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77652

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	85.5	U	250	85.5	ug/Kg		04/20/12 13:58	04/20/12 14:57	1

Lab Sample ID: LCS 600-77652/2-A
Matrix: Solid
Analysis Batch: 77795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000000	59830		ug/Kg		6	0 - 100

Method: 9045C - Corrosivity

Lab Sample ID: LCS 600-77687/25
Matrix: Solid
Analysis Batch: 77687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.010		SU		100	99 - 101

Method: D92 - Flashpoint

Lab Sample ID: MB 600-77742/1
Matrix: Solid
Analysis Batch: 77742

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			04/23/12 09:15	1

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Method: D92 - Flashpoint (Continued)

Lab Sample ID: LCS 600-77742/2
Matrix: Solid
Analysis Batch: 77742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	81.82		Degrees F		101	96.9 - 103.1 09

Unadjusted Detection Limits

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Lead	0.500	0.105	mg/Kg	6010B

Method: 6010B - Metals (ICP) - TCLP

Analyte	MQL	MDL	Units	Method
Ag	0.0100	0.00125	mg/L	6010B
As	0.0100	0.00328	mg/L	6010B
Ba	0.0200	0.00220	mg/L	6010B
Cd	0.00500	0.000350	mg/L	6010B
Cr	0.0100	0.00155	mg/L	6010B
Pb	0.0100	0.00290	mg/L	6010B
Se	0.0400	0.00417	mg/L	6010B

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	MQL	MDL	Units	Method
Mercury	0.200	0.0260	ug/L	7470A

General Chemistry

Analyte	MQL	MDL	Units	Method
Sulfide, Reactive	50.0	14.0	mg/Kg	7.4.4
Cyanide, Reactive	250	85.5	ug/Kg	9012
pH	0.0100	0.0100	SU	9045C
Flashpoint	1.00	1.00	Degrees F	D92
Percent Moisture	1.0	1.0	%	Moisture
Percent Solids	1.0	1.0	%	Moisture

Metals

Leach Batch: 77501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	1311	
600-53710-1 DU	IDW-4	TCLP	Solid	1311	
600-53710-1 MS	IDW-4	TCLP	Solid	1311	
LB 600-77501/1-C LB	Method Blank	TCLP	Solid	1311	
LB 600-77501/1-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 77589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	3010A	77501
LB 600-77501/1-C LB	Method Blank	TCLP	Solid	3010A	77501
LCS 600-77589/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 600-77589/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 77591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	7470A	77501
600-53710-1 DU	IDW-4	TCLP	Solid	7470A	77501
600-53710-1 MS	IDW-4	TCLP	Solid	7470A	77501
LB 600-77501/1-D LB	Method Blank	TCLP	Solid	7470A	77501
LCS 600-77591/8-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 600-77591/7-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 77659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	7470A	77591
600-53710-1 DU	IDW-4	TCLP	Solid	7470A	77591
600-53710-1 MS	IDW-4	TCLP	Solid	7470A	77591
LB 600-77501/1-D LB	Method Blank	TCLP	Solid	7470A	77591
LCS 600-77591/8-A	Lab Control Sample	Total/NA	Solid	7470A	77591
MB 600-77591/7-A	Method Blank	Total/NA	Solid	7470A	77591

Analysis Batch: 77743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	TCLP	Solid	6010B	77589
LB 600-77501/1-C LB	Method Blank	TCLP	Solid	6010B	77589
LCS 600-77589/2-A	Lab Control Sample	Total/NA	Solid	6010B	77589
MB 600-77589/1-A	Method Blank	Total/NA	Solid	6010B	77589

Analysis Batch: 77847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	6010B	77850
600-53710-1 DU	IDW-4	Total/NA	Solid	6010B	77850
600-53710-1 MS	IDW-4	Total/NA	Solid	6010B	77850
600-53710-1 MSD	IDW-4	Total/NA	Solid	6010B	77850
LCS 600-77850/2-A	Lab Control Sample	Total/NA	Solid	6010B	77850
MB 600-77850/14-A	Method Blank	Total/NA	Solid	6010B	77850
MB 600-77850/1-A	Method Blank	Total/NA	Solid	6010B	77850

Prep Batch: 77850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	3050B	
600-53710-1 DU	IDW-4	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 77850 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1 MS	IDW-4	Total/NA	Solid	3050B	
600-53710-1 MSD	IDW-4	Total/NA	Solid	3050B	
LCS 600-77850/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 600-77850/14-A	Method Blank	Total/NA	Solid	3050B	
MB 600-77850/1-A	Method Blank	Total/NA	Solid	3050B	

General Chemistry

Analysis Batch: 77568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	Moisture	

Prep Batch: 77652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	7.3.4	
600-53710-1	IDW-4	Total/NA	Solid	7.3.3	
LCS 600-77652/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCS 600-77652/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 600-77652/1-A	Method Blank	Total/NA	Solid	7.3.4	
MB 600-77652/1-A	Method Blank	Total/NA	Solid	7.3.3	

Analysis Batch: 77665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	7.4.4	77652
LCS 600-77652/2-A	Lab Control Sample	Total/NA	Solid	7.4.4	77652
MB 600-77652/1-A	Method Blank	Total/NA	Solid	7.4.4	77652

Analysis Batch: 77687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	9045C	
LCS 600-77687/25	Lab Control Sample	Total/NA	Solid	9045C	

Analysis Batch: 77742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	D92	
LCS 600-77742/2	Lab Control Sample	Total/NA	Solid	D92	
MB 600-77742/1	Method Blank	Total/NA	Solid	D92	

Analysis Batch: 77795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-53710-1	IDW-4	Total/NA	Solid	9012	77652
LCS 600-77652/2-A	Lab Control Sample	Total/NA	Solid	9012	77652
MB 600-77652/1-A	Method Blank	Total/NA	Solid	9012	77652

Lab Chronicle

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Client Sample ID: IDW-4
Date Collected: 04/17/12 13:00
Date Received: 04/18/12 09:56

Lab Sample ID: 600-53710-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			77501	04/18/12 18:00	SRP	TAL HOU
TCLP	Prep	7470A			77591	04/20/12 07:57	SRP	TAL HOU
TCLP	Analysis	7470A		1	77659	04/20/12 13:31	SRP	TAL HOU
TCLP	Prep	3010A			77589	04/20/12 06:47	DCL	TAL HOU
TCLP	Analysis	6010B		1	77743	04/23/12 11:35	DCL	TAL HOU
Total/NA	Prep	3050B			77850	04/24/12 11:27	NER	TAL HOU
Total/NA	Analysis	6010B		1	77847	04/24/12 16:00	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	77568	04/19/12 15:30	KRD	TAL HOU
Total/NA	Prep	7.3.4			77652	04/20/12 13:58	NT	TAL HOU
Total/NA	Analysis	7.4.4		1	77665	04/20/12 14:15	GCW	TAL HOU
Total/NA	Analysis	9045C		1	77687	04/21/12 15:00	MB	TAL HOU
Total/NA	Analysis	D92		1	77742	04/23/12 09:15	MB	TAL HOU
Total/NA	Prep	7.3.3			77652	04/20/12 13:58	NT	TAL HOU
Total/NA	Analysis	9012		1	77795	04/20/12 14:57	BDG	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Certification Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-53710-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Houston	Arkansas DEQ	State Program	6	88-0759
TestAmerica Houston	Louisiana	NELAC	6	30643
TestAmerica Houston	Oklahoma	State Program	6	9503
TestAmerica Houston	Texas	NELAC	6	T104704223-10-6-TX
TestAmerica Houston	USDA	Federal		P330-08-00217
TestAmerica Houston	Utah	NELAC	8	GULF

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
IDW-4	600-53710-1

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: IDW-4 Lab Sample ID: 600-53710-1

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2012 13:00

Reporting Basis: DRY Date Received: 04/18/2012 09:56

% Solids: 81.0

CAS No.	Analyte	Result	MQL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	1560	0.605	0.127	mg/Kg			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: IDW-4 Lab Sample ID: 600-53710-1

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2012 13:00

Reporting Basis: WET Date Received: 04/18/2012 09:56

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Pb	4.83	0.100	0.0290	mg/L			1	6010B
7440-47-3	Cr	0.0155	0.100	0.0155	mg/L	U		1	6010B
7440-43-9	Cd	0.0113	0.0500	0.00350	mg/L	J		1	6010B
7440-39-3	Ba	0.706	0.200	0.0220	mg/L		b	1	6010B
7440-38-2	As	0.0328	0.100	0.0328	mg/L	U		1	6010B
7440-22-4	Ag	0.0125	0.100	0.0125	mg/L	U		1	6010B
7782-49-2	Se	0.0417	0.400	0.0417	mg/L	U		1	6010B
7439-97-6	Mercury	0.0260	0.200	0.0260	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

ICV Source: MET0412CCV_00004 Concentration Units: mg/L

CCV Source: MET0412CCV_00004

Analyte	ICV 600-77743/4 04/23/2012 10:00				CCV 600-77743/9 04/23/2012 10:19				CCV 600-77743/21 04/23/2012 11:28			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2469		0.250	99	0.2476		0.250	99	0.2514		0.250	101
As	0.4988		0.500	100	0.4994		0.500	100	0.5134		0.500	103
Ba	0.4941		0.500	99	0.4927		0.500	99	0.5026		0.500	101
Cd	0.5042		0.500	101	0.5042		0.500	101	0.5172		0.500	103
Cr	0.5012		0.500	100	0.5018		0.500	100	0.5013		0.500	100
Pb	0.5011		0.500	100	0.5031		0.500	101	0.5100		0.500	102
Se	0.5054		0.500	101	0.5085		0.500	102	0.5088		0.500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

ICV Source: MET0412CCV_00004 Concentration Units: mg/L

CCV Source: MET0412CCV_00004

Analyte	CCV 600-77743/33 04/23/2012 12:15				CCV 600-77743/44 04/23/2012 12:58							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	0.2518		0.250	101	0.2499		0.250	100				
As	0.5107		0.500	102	0.5045		0.500	101				
Ba	0.5075		0.500	101	0.5086		0.500	102				
Cd	0.5212		0.500	104	0.5229		0.500	105				
Cr	0.4939		0.500	99	0.4846		0.500	97				
Pb	0.5074		0.500	101	0.5007		0.500	100				
Se	0.5031		0.500	101	0.4926		0.500	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

ICV Source: MER0412S2_00016 Concentration Units: ug/L

CCV Source: MER0412S2_00016

Analyte	ICV 600-77659/8 04/20/2012 13:14				CCV 600-77659/11 04/20/2012 13:19				CCV 600-77659/23 04/20/2012 13:43			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.999		3.00	100	3.076		3.00	103	2.963		3.00	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

ICV Source: MER0412S2_00016 Concentration Units: ug/L

CCV Source: MER0412S2_00016

Analyte	CCV 600-77659/35 04/20/2012 14:05				CCV 600-77659/43 04/20/2012 14:21							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.943		3.00	98	2.975		3.00	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Method: 6010B Instrument ID: TJA1

Lab Sample ID: CRI 600-77743/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cr	0.0100	0.009910	J	99	50-150
Pb	0.0100	0.009300	J	93	50-150
Cd	0.00500	0.005310		106	50-150
Ba	0.0100	0.009640	J	96	50-150
As	0.0100	0.009320	J	93	50-150
Ag	0.00500	0.004710	J	94	50-150
Se	0.0100	0.01127	J	113	50-150

Lab Sample ID: CRI 600-77847/6 Concentration Units: mg/L

CRQL Check Standard Source: MET0212LOW_00003

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.009350	J	94	0-500

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Method: 7470A Instrument ID: FIMS01

Lab Sample ID: CRA 600-77659/10 Concentration Units: ug/L

CRQL Check Standard Source: MER0412S1_00016

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.1638	J	82	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-77743/5 04/23/2012 10:03		CCB 600-77743/10 04/23/2012 10:23		CCB 600-77743/22 04/23/2012 11:32		CCB 600-77743/34 04/23/2012 12:19	
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U	0.00125	U	0.00125	U	0.00125	U
As	0.0100	0.00328	U	0.00328	U	0.00328	U	0.00328	U
Ba	0.0200	0.00220	U	0.00220	U	0.00220	U	0.00220	U
Cd	0.00500	0.000350	U	0.000350	U	0.000350	U	0.000350	U
Cr	0.0100	0.00155	U	0.00155	U	0.00155	U	0.00155	U
Pb	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U
Se	0.0400	0.00417	U	0.00417	U	0.00417	U	0.00417	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 600-77743/45 04/23/2012 13:02							
		Found	C	Found	C	Found	C	Found	C
Ag	0.0100	0.00125	U						
As	0.0100	0.00328	U						
Ba	0.0200	0.00220	U						
Cd	0.00500	0.000350	U						
Cr	0.0100	0.00155	U						
Pb	0.0100	0.00290	U						
Se	0.0400	0.00417	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 600-77847/5 04/24/2012 09:20		CCB 600-77847/65 04/24/2012 13:29		CCB 600-77847/77 04/24/2012 16:19		CCB 600-77847/81 04/24/2012 16:35	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0100	0.00290	U	0.00290	U	0.00290	U	0.00290	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 600-77659/9 04/20/2012 13:15		CCB 600-77659/12 04/20/2012 13:22		CCB 600-77659/24 04/20/2012 13:44		CCB 600-77659/36 04/20/2012 14:07	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.0260	U	0.0260	U	0.0260	U	0.0260	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 600-77659/44 04/20/2012 14:23							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.200	0.0260	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 600-77589/1-A

Instrument Code: TJA1 Batch No.: 77743

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.00155	U		6010B
7439-92-1	Pb	0.00290	U		6010B
7440-43-9	Cd	0.000350	U		6010B
7440-39-3	Ba	0.00220	U		6010B
7440-38-2	As	0.00328	U		6010B
7440-22-4	Ag	0.00125	U		6010B
7782-49-2	Se	0.00417	U		6010B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 600-77501/1-C

Instrument Code: TJA1 Batch No.: 77743

CAS No.	Analyte	Concentration	C	Q	Method
7440-47-3	Cr	0.0155	U		6010B
7439-92-1	Pb	0.0290	U		6010B
7440-43-9	Cd	0.00350	U		6010B
7440-39-3	Ba	0.09530	J		6010B
7440-38-2	As	0.0328	U		6010B
7440-22-4	Ag	0.0125	U		6010B
7782-49-2	Se	0.0417	U		6010B

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-77850/1-A

Instrument Code: TJA1 Batch No.: 77847

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.105	U		6010B

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 600-77850/14-A

Instrument Code: TJA1 Batch No.: 77847

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.105	U		6010B

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 600-77591/7-A

Instrument Code: FIMS01 Batch No.: 77659

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0260	U		7470A

FORM III-IN

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: LB 600-77501/1-D

Instrument Code: FIMS01 Batch No.: 77659

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0260	U		7470A

FORM III-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSA 600-77743/7 Instrument ID: TJA1

Lab File ID: A042312 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Ag		**0.0010**	
As		**0.0000**	
Ba		**0.0017**	
Cd		**-0.0053**	
Cr		**0.0018**	
Pb		**0.0010**	
Se		**-0.0056**	
Aluminum	*500*	*507*	*101*
Antimony		*-0.0026*	
Beryllium		*0.0001*	
Boron		*-0.0019*	
Calcium	*500*	*458*	*92*
Cobalt		*-0.0001*	
Copper		*0.0138*	
Iron	*200*	*196*	*98*
Lithium		*0.0049*	
Magnesium	*500*	*514*	*103*
Manganese		*-0.0076*	
Molybdenum		*0.0006*	
Nickel		*0.0009*	
Potassium		*0.413*	
Silicon		*0.0182*	
Sodium		*0.207*	
Strontium		*-0.0091*	
Thallium		*-0.0206*	
Tin		*-0.0038*	
Titanium		*-0.0038*	
Vanadium		*0.0030*	
Zinc		*-0.0032*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSAB 600-77743/8 Instrument ID: TJA1

Lab File ID: A042312 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**0.500**	**0.550**	**110**
As	**1.00**	**1.03**	**103**
Ba	**1.00**	**1.04**	**104**
Cd	**0.500**	**0.473**	**95**
Cr	**1.00**	**0.999**	**100**
Pb	**1.00**	**1.00**	**100**
Se	**1.00**	**1.03**	**103**
Aluminum	*510*	*518*	*102*
Antimony	*1.00*	*1.04*	*104*
Beryllium	*0.500*	*0.506*	*101*
Boron	*1.00*	*1.06*	*106*
Calcium	*510*	*466*	*91*
Cobalt	*1.00*	*0.961*	*96*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*207*	*98*
Lithium	*1.00*	*1.16*	*116*
Magnesium	*510*	*526*	*103*
Manganese	*1.00*	*0.995*	*100*
Molybdenum	*1.00*	*1.02*	*102*
Nickel	*1.00*	*0.939*	*94*
Potassium	*10.0*	*14.2*	*142*
Silicon	*1.00*	*1.04*	*104*
Sodium	*10.0*	*13.3*	*133*
Strontium	*0.500*	*0.498*	*100*
Thallium	*1.00*	*0.982*	*98*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*1.03*	*103*
Vanadium	*1.00*	*1.01*	*101*
Zinc	*1.00*	*1.03*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSA 600-77743/84 Instrument ID: TJA1

Lab File ID: A042312 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Ag		**-0.0003**	
As		**0.0001**	
Ba		**0.0019**	
Cd		**-0.0090**	
Cr		**0.0010**	
Pb		**0.0022**	
Se		**-0.0145**	
Aluminum	*500*	*485*	*97*
Antimony		*0.0004*	
Beryllium		*-0.0015*	
Boron		*-0.0003*	
Calcium	*500*	*450*	*90*
Cobalt		*0.0000*	
Copper		*0.0087*	
Iron	*200*	*207*	*103*
Lithium		*0.0053*	
Magnesium	*500*	*488*	*98*
Manganese		*-0.0069*	
Molybdenum		*-0.0002*	
Nickel		*0.0007*	
Potassium		*0.416*	
Silicon		*0.0058*	
Sodium		*0.238*	
Strontium		*-0.0088*	
Thallium		*0.0222*	
Tin		*-0.0027*	
Titanium		*-0.0040*	
Vanadium		*0.0044*	
Zinc		*-0.0081*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSAB 600-77743/85 Instrument ID: TJA1

Lab File ID: A042312 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Ag	**0.500**	**0.559**	**112**
As	**1.00**	**1.08**	**108**
Ba	**1.00**	**1.15**	**115**
Cd	**0.500**	**0.520**	**104**
Cr	**1.00**	**0.938**	**94**
Pb	**1.00**	**1.01**	**101**
Se	**1.00**	**1.00**	**100**
Aluminum	*510*	*499*	*98*
Antimony	*1.00*	*1.15*	*115*
Beryllium	*0.500*	*0.457*	*91*
Boron	*1.00*	*1.16*	*116*
Calcium	*510*	*461*	*90*
Cobalt	*1.00*	*0.897*	*90*
Copper	*1.00*	*1.03*	*103*
Iron	*210*	*219*	*104*
Lithium	*1.00*	*1.29*	*129*
Magnesium	*510*	*503*	*99*
Manganese	*1.00*	*0.988*	*99*
Molybdenum	*1.00*	*1.05*	*105*
Nickel	*1.00*	*1.07*	*107*
Potassium	*10.0*	*15.8*	*158*
Silicon	*1.00*	*1.06*	*106*
Sodium	*10.0*	*14.5*	*145*
Strontium	*0.500*	*0.557*	*111*
Thallium	*1.00*	*1.19*	*119*
Tin	*1.00*	*0.975*	*98*
Titanium	*1.00*	*1.05*	*105*
Vanadium	*1.00*	*0.979*	*98*
Zinc	*1.00*	*1.10*	*110*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSA 600-77847/7 Instrument ID: TJA1

Lab File ID: A042412 ICS Source: METISA_00072

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Lead		**0.0019**	
Aluminum	*500*	*514*	*103*
Antimony		*0.0018*	
Arsenic		*0.0011*	
Barium		*0.0018*	
Beryllium		*0.0000*	
Boron		*-0.0016*	
Cadmium		*-0.0050*	
Calcium	*500*	*460*	*92*
Chromium		*0.0017*	
Cobalt		*-0.0001*	
Copper		*0.0127*	
Iron	*200*	*197*	*99*
Lithium		*0.0041*	
Magnesium	*500*	*518*	*104*
Manganese		*-0.0076*	
Molybdenum		*0.0011*	
Nickel		*0.0007*	
Potassium		*0.0966*	
Selenium		*-0.0018*	
Silicon		*0.0144*	
Silver		*0.0002*	
Sodium		*0.178*	
Strontium		*-0.0091*	
Thallium		*-0.0127*	
Tin		*-0.0021*	
Titanium		*-0.0036*	
Vanadium		*0.0031*	
Zinc		*-0.0045*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Lab Sample ID: ICSAB 600-77847/8 Instrument ID: TJA1

Lab File ID: A042412 ICS Source: METISB_00074

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Lead	**1.00**	**0.988**	**99**
Aluminum	*510*	*517*	*101*
Antimony	*1.00*	*1.04*	*104*
Arsenic	*1.00*	*1.03*	*103*
Barium	*1.00*	*1.04*	*104*
Beryllium	*0.500*	*0.499*	*100*
Boron	*1.00*	*1.05*	*105*
Cadmium	*0.500*	*0.469*	*94*
Calcium	*510*	*461*	*90*
Chromium	*1.00*	*0.986*	*99*
Cobalt	*1.00*	*0.951*	*95*
Copper	*1.00*	*1.08*	*108*
Iron	*210*	*204*	*97*
Lithium	*1.00*	*1.16*	*116*
Magnesium	*510*	*521*	*102*
Manganese	*1.00*	*0.983*	*98*
Molybdenum	*1.00*	*1.01*	*101*
Nickel	*1.00*	*0.928*	*93*
Potassium	*10.0*	*14.1*	*141*
Selenium	*1.00*	*1.02*	*102*
Silicon	*1.00*	*1.05*	*105*
Silver	*0.500*	*0.546*	*109*
Sodium	*10.0*	*13.3*	*133*
Strontium	*0.500*	*0.498*	*100*
Thallium	*1.00*	*0.987*	*99*
Tin	*1.00*	*1.01*	*101*
Titanium	*1.00*	*1.02*	*102*
Vanadium	*1.00*	*1.00*	*100*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: IDW-4 MS
Lab ID: 600-53710-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-53710-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 81.0

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	728.2		1560		59.4	-1409	75-125	4	6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: IDW-4 MS
Lab ID: 600-53710-1 MS
Lab Name: TestAmerica Houston
Job No.: 600-53710-1
SDG No.:
Matrix: Solid
Concentration Units: ug/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	3.119		0.0260	U	3.00	104	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: IDW-4 MSD
Lab ID: 600-53710-1 MSD
Lab Name: TestAmerica Houston
Job No.: 600-53710-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 81.0

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Lead	1627		59.9	104	75-125	76	20	4 N	6010B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: IDW-4 PDS Lab ID: 600-53710-1 PDS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	1639		1560		60.5	NC	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: IDW-4 DU | Lab ID: 600-53710-1 DU

Lab Name: TestAmerica Houston | Job No.: 600-53710-1

SDG No.:

% Solids for Sample: 81.0 | % Solids for Duplicate: 81.0

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.588	1560		4430		96	F	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - TCLP

Client ID: IDW-4 DU
Lab ID: 600-53710-1 DU
Lab Name: TestAmerica Houston
Job No.: 600-53710-1
SDG No.:
% Solids for Sample:
% Solids for Duplicate:
Matrix: Solid
Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.200	0.0260	U	0.0260	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-77589/2-A

Lab Name: TestAmerica Houston Job No.: 600-53710-1

Sample Matrix: Water LCS Source: METSPIKEA_00011

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Cr	1.00	1.001		100	80	120		6010B
Pb	1.00	1.004		100	80	120		6010B
Cd	0.500	0.5055		101	80	120		6010B
Ba	1.00	0.9976		100	80	120		6010B
As	1.00	1.007		101	80	120		6010B
Ag	0.500	0.5046		101	80	120		6010B
Se	1.00	0.9992		100	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-77850/2-A

Lab Name: TestAmerica Houston Job No.: 600-53710-1

Sample Matrix: Solid LCS Source: METSLCSS_00016

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	144	131.9		92	79	121		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 600-77591/8-A

Lab Name: TestAmerica Houston Job No.: 600-53710-1

Sample Matrix: Water LCS Source: MER0412S2_00015

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	3.00	2.942		98	70	130		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 600-53710-1

SDG No:

Lab Name: TestAmerica Houston Job No: 600-53710-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	1560		1934		24	*	6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TCLP

Lab ID: 600-53710-1

SDG No:

Lab Name: TestAmerica Houston Job No: 600-53710-1

Matrix: Solid Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.0260	U	0.130	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/15/2008 13:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.01	0.0029

FORM IX - IN

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B MDL Date: 03/28/2011 11:53

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: TJA1

Method: 6010B XMDL Date: 05/16/2008 15:08

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ag		0.01	0.00125
As		0.01	0.00328
Ba		0.02	0.0022
Cd		0.005	0.00035
Cr		0.01	0.00155
Pb		0.01	0.0029
Se		0.04	0.00417

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: FIMS01

Method: 7470A MDL Date: 03/02/2009 11:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.026

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: FIMS01

Method: 7470A XMDL Date: 05/16/2008 15:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.026

FORM IX - IN

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Houston Job No: 600-53710-1

SDG No.:

Instrument ID: TJA1 Date: 03/14/2006 13:24

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Pb		50	6010B
Cr		50	6010B
Lead		50	6010B
Cd		25	6010B
Ba		50	6010B
As		50	6010B
Ag		5	6010B
Se		25	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77589/1-A	04/20/2012 06:47	77589		50	50
LCS 600-77589/2-A	04/20/2012 06:47	77589		50	50
LB 600-77501/1-C	04/20/2012 06:47	77589		5	50
600-53710-1	04/20/2012 06:47	77589		5	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 600-77850/1-A	04/24/2012 11:27	77850	1.00		50
LCS 600-77850/2-A	04/24/2012 11:27	77850	0.50		50
600-53710-1	04/24/2012 11:27	77850	1.02		50
600-53710-1 DU	04/24/2012 11:27	77850	1.05		50
600-53710-1 MS	04/24/2012 11:27	77850	1.04		50
600-53710-1 MSD	04/24/2012 11:27	77850	1.03		50
MB 600-77850/14-A	04/24/2012 13:09	77850	1.00		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77591/7-A	04/20/2012 07:57	77591		40	40
LCS 600-77591/8-A	04/20/2012 07:57	77591		50	50
LB 600-77501/1-D	04/20/2012 07:57	77591		40	40
600-53710-1	04/20/2012 07:57	77591		40	40
600-53710-1 DU	04/20/2012 07:57	77591		40	40
600-53710-1 MS	04/20/2012 07:57	77591		40	40

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/23/2012 09:43 End Date: 04/23/2012 16:13

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			09:43																				
STD 600-77743/2 IC			09:51	X	X	X	X	X	X	X													
ZZZZZZ			09:56																				
ICV 600-77743/4	1		10:00	X	X	X	X	X	X	X													
ICB 600-77743/5	1		10:03	X	X	X	X	X	X	X													
CRI 600-77743/6	1		10:07	X	X	X	X	X	X	X													
ICSA 600-77743/7	1		10:11	X	X	X	X	X	X	X													
ICSAB 600-77743/8	1		10:15	X	X	X	X	X	X	X													
CCV 600-77743/9	1		10:19	X	X	X	X	X	X	X													
CCB 600-77743/10	1		10:23	X	X	X	X	X	X	X													
MB 600-77589/1-A	1	T	10:49	X	X	X	X	X	X	X													
LCS 600-77589/2-A	1	T	10:53	X	X	X	X	X	X	X													
ZZZZZZ			10:57																				
ZZZZZZ			11:01																				
ZZZZZZ			11:05																				
ZZZZZZ			11:08																				
ZZZZZZ			11:12																				
LB 600-77501/1-C	1	P	11:16	X	X	X	X	X	X	X													
ZZZZZZ			11:20																				
ZZZZZZ			11:24																				
CCV 600-77743/21	1		11:28	X	X	X	X	X	X	X													
CCB 600-77743/22	1		11:32	X	X	X	X	X	X	X													
600-53710-1	1	P	11:35	X	X	X	X	X	X	X													
ZZZZZZ			11:39																				
ZZZZZZ			11:43																				
ZZZZZZ			11:47																				
ZZZZZZ			11:51																				
ZZZZZZ			11:55																				
ZZZZZZ			11:59																				
ZZZZZZ			12:03																				
ZZZZZZ			12:07																				
ZZZZZZ			12:11																				
CCV 600-77743/33	1		12:15	X	X	X	X	X	X	X													
CCB 600-77743/34	1		12:19	X	X	X	X	X	X	X													
ZZZZZZ			12:23																				
ZZZZZZ			12:27																				
ZZZZZZ			12:31																				
ZZZZZZ			12:34																				
ZZZZZZ			12:38																				
ZZZZZZ			12:42																				
ZZZZZZ			12:46																				
ZZZZZZ			12:50																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/23/2012 09:43 End Date: 04/23/2012 16:13

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			12:54																				
CCV 600-77743/44	1		12:58	X	X	X	X	X	X	X													
CCB 600-77743/45	1		13:02	X	X	X	X	X	X	X													
ZZZZZZ			13:23																				
ZZZZZZ			13:27																				
ZZZZZZ			13:31																				
ZZZZZZ			13:34																				
ZZZZZZ			13:38																				
ZZZZZZ			13:42																				
ZZZZZZ			13:46																				
ZZZZZZ			13:50																				
ZZZZZZ			13:54																				
ZZZZZZ			13:58																				
CCV 600-77743/56			14:01																				
CCB 600-77743/57			14:05																				
ZZZZZZ			14:09																				
ZZZZZZ			14:13																				
ZZZZZZ			14:17																				
ZZZZZZ			14:21																				
ZZZZZZ			14:25																				
ZZZZZZ			14:29																				
CCV 600-77743/64			14:32																				
CCB 600-77743/65			14:36																				
ZZZZZZ			14:46																				
ZZZZZZ			14:50																				
ZZZZZZ			14:56																				
ZZZZZZ			15:00																				
ZZZZZZ			15:04																				
ZZZZZZ			15:08																				
ZZZZZZ			15:12																				
ZZZZZZ			15:16																				
ZZZZZZ			15:20																				
ZZZZZZ			15:23																				
CCV 600-77743/76			15:27																				
CCB 600-77743/77			15:31																				
ZZZZZZ			15:35																				
ZZZZZZ			15:39																				
ZZZZZZ			15:43																				
ZZZZZZ			15:47																				
CCV 600-77743/82			15:50																				
CCB 600-77743/83			15:54																				
ICSA 600-77743/84	1		16:09	X	X	X	X	X	X	X													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/23/2012 09:43 End Date: 04/23/2012 16:13

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ICSAB 600-77743/85	1		16:13	X	X	X	X	X	X	X													

Prep Types
P = TCLP
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/24/2012 09:04 End Date: 04/24/2012 18:04

Lab Sample ID	D/F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			09:04																					
STD 600-77847/2 IC			09:08	X																				
ZZZZZZ			09:13																					
ICV 600-77847/4			09:17																					
ICB 600-77847/5	1		09:20	X																				
CRI 600-77847/6	1		09:24	X																				
ICSA 600-77847/7	1		09:28	X																				
ICSAB 600-77847/8	1		09:32	X																				
CCV 600-77847/9			09:36																					
CCB 600-77847/10			09:40																					
ZZZZZZ			09:54																					
ZZZZZZ			09:58																					
ZZZZZZ			10:02																					
ZZZZZZ			10:06																					
ZZZZZZ			10:10																					
ZZZZZZ			10:13																					
ZZZZZZ			10:17																					
ZZZZZZ			10:21																					
ZZZZZZ			10:25																					
ZZZZZZ			10:29																					
CCV 600-77847/21			10:33																					
CCB 600-77847/22			10:36																					
ZZZZZZ			10:40																					
ZZZZZZ			10:44																					
ZZZZZZ			10:48																					
ZZZZZZ			10:52																					
ZZZZZZ			10:56																					
CCV 600-77847/28			11:00																					
CCB 600-77847/29			11:04																					
ZZZZZZ			11:11																					
ZZZZZZ			11:15																					
ZZZZZZ			11:19																					
ZZZZZZ			11:23																					
ZZZZZZ			11:27																					
ZZZZZZ			11:30																					
ZZZZZZ			11:34																					
ZZZZZZ			11:38																					
ZZZZZZ			11:42																					
ZZZZZZ			11:46																					
CCV 600-77847/40			11:50																					
CCB 600-77847/41			11:54																					
ZZZZZZ			11:57																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/24/2012 09:04 End Date: 04/24/2012 18:04

Lab Sample ID	D/F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			12:01																					
ZZZZZZ			12:05																					
ZZZZZZ			12:09																					
ZZZZZZ			12:13																					
ZZZZZZ			12:17																					
ZZZZZZ			12:21																					
ZZZZZZ			12:25																					
ZZZZZZ			12:29																					
ZZZZZZ			12:33																					
CCV 600-77847/52			12:37																					
CCB 600-77847/53			12:41																					
ZZZZZZ			12:45																					
ZZZZZZ			12:49																					
ZZZZZZ			12:53																					
ZZZZZZ			12:56																					
ZZZZZZ			13:00																					
ZZZZZZ			13:04																					
ZZZZZZ			13:08																					
ZZZZZZ			13:12																					
ZZZZZZ			13:16																					
ZZZZZZ			13:21																					
CCV 600-77847/64	1		13:25	X																				
CCB 600-77847/65	1		13:29	X																				
MB 600-77850/1-A	1	T	15:37	X																				
LCS 600-77850/2-A	1	T	15:41	X																				
MB 600-77850/14-A	1	T	15:45	X																				
ZZZZZZ			15:49																					
ZZZZZZ			15:52																					
ZZZZZZ			15:56																					
600-53710-1	1	T	16:00	X																				
600-53710-1 DU	1	T	16:04	X																				
600-53710-1 MS	1	T	16:08	X																				
600-53710-1 MSD	1	T	16:12	X																				
CCV 600-77847/76	1		16:16	X																				
CCB 600-77847/77	1		16:19	X																				
600-53710-1 PDS	1	T	16:23	X																				
600-53710-1 SD	5	T	16:27	X																				
CCV 600-77847/80	1		16:31	X																				
CCB 600-77847/81	1		16:35	X																				
ZZZZZZ			16:44																					
ZZZZZZ			16:48																					
ZZZZZZ			16:52																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: TJA1 Method: 6010B

Start Date: 04/24/2012 09:04 End Date: 04/24/2012 18:04

Lab Sample ID	D / F	Type	Time	Analytes																				
				Pb																				
ZZZZZZ			16:56																					
CCV 600-77847/86			17:00																					
CCB 600-77847/87			17:04																					
ICSA 600-77847/88			17:07																					
ICSAB 600-77847/89			17:11																					
ZZZZZZ			17:21																					
ZZZZZZ			17:25																					
ZZZZZZ			17:29																					
ZZZZZZ			17:33																					
ZZZZZZ			17:37																					
ZZZZZZ			17:41																					
ZZZZZZ			17:45																					
ZZZZZZ			17:48																					
ZZZZZZ			17:52																					
ZZZZZZ			17:56																					
CCV 600-77847/100			18:00																					
CCB 600-77847/101			18:04																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 04/20/2012 12:59 End Date: 04/20/2012 14:23

Lab Sample ID	D/F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			12:59																					
ZZZZZZ			13:01																					
ZZZZZZ			13:03																					
ZZZZZZ			13:05																					
ZZZZZZ			13:07																					
ZZZZZZ			13:08																					
ZZZZZZ			13:11																					
ICV 600-77659/8	1		13:14	X																				
ICB 600-77659/9	1		13:15	X																				
CRA 600-77659/10	1		13:17	X																				
CCV 600-77659/11	1		13:19	X																				
CCB 600-77659/12	1		13:22	X																				
MB 600-77591/7-A	1	T	13:24	X																				
LCS 600-77591/8-A	1	T	13:25	X																				
LB 600-77501/1-D	1	P	13:27	X																				
ZZZZZZ			13:29																					
600-53710-1	1	P	13:31	X																				
600-53710-1 DU	1	P	13:33	X																				
600-53710-1 MS	1	P	13:35	X																				
ZZZZZZ			13:37																					
ZZZZZZ			13:39																					
ZZZZZZ			13:41																					
CCV 600-77659/23	1		13:43	X																				
CCB 600-77659/24	1		13:44	X																				
ZZZZZZ			13:46																					
ZZZZZZ			13:48																					
ZZZZZZ			13:51																					
ZZZZZZ			13:53																					
ZZZZZZ			13:54																					
ZZZZZZ			13:56																					
ZZZZZZ			13:58																					
ZZZZZZ			14:00																					
ZZZZZZ			14:02																					
ZZZZZZ			14:04																					
CCV 600-77659/35	1		14:05	X																				
CCB 600-77659/36	1		14:07	X																				
ZZZZZZ			14:09																					
ZZZZZZ			14:11																					
ZZZZZZ			14:14																					
ZZZZZZ			14:15																					
600-53710-1 SD	5	P	14:17	X																				
ZZZZZZ			14:19																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: FIMS01 Method: 7470A

Start Date: 04/20/2012 12:59 End Date: 04/20/2012 14:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
CCV 600-77659/43	1		14:21	X																			
CCB 600-77659/44	1		14:23	X																			

Prep Types

P = TCLP

T = Total/NA

Method: 20076010 04/23/12 09:17:15 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A042312	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 04/23/12 09:47:11 AM page 1

Method: 20076010 Standard: S0
Run Time: 04/23/12 09:43:48

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.00441	.00200	.00007	.00045	-.01092	.00111	.00110
SDev	.00006	.00138	.00063	.00032	.00020	.00026	.00011
%RSD	1.4176	68.973	870.10	69.410	1.8768	22.915	9.7506
#1	.00446	.00103	.00051	.00068	-.01106	.00093	.00103
#2	.00437	.00298	-.00037	.00023	-.01077	.00129	.00118

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00613	.00008	-.00036	.00476	.00158	.07560	.03870
SDev	.00004	.00005	.00005	.00000	.00113	.00084	.00008
%RSD	.67332	61.158	13.019	.01654	71.214	1.1078	.20659
#1	.00616	.00012	-.00033	.00476	.00238	.07619	.03876
#2	.00610	.00005	-.00039	.00476	.00079	.07501	.03865

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00007	.00007	-.00022	.45739	.03171	-.00016	-.00142
SDev	.00003	.00000	.00110	.00218	.00013	.00039	.00109
%RSD	46.541	.67333	506.53	.47585	.41441	243.75	76.560
#1	.00005	.00007	.00056	.45893	.03181	.00012	-.00065
#2	.00009	.00007	-.00099	.45585	.03162	-.00044	-.00220

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.22898	.00249	-.00106	.00030	-.00096	.00008	.00486
SDev	.00065	.00062	.00006	.00399	.00040	.00002	.00051
%RSD	.28603	25.001	5.3347	1314.5	41.984	20.862	10.469
#1	.22944	.00205	-.00110	.00313	-.00068	.00009	.00450
#2	.22851	.00294	-.00102	-.00252	-.00125	.00007	.00522

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00592	-.00269	-.00448	.00196

SDev	.00546	.00120	.00042	.00014
%RSD	92.256	44.503	9.4636	6.8597
#1	.00978	-.00184	-.00478	.00187
#2	.00206	-.00354	-.00418	.00206

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43057	--	--	--	--	--	--
SDev	289.9138	--	--	--	--	--	--
%RSD	.6733255	--	--	--	--	--	--
#1	42852	--	--	--	--	--	--
#2	43262	--	--	--	--	--	--

Standardization Rpt. 04/23/12 09:54:48 AM page 1

Method: 20076010 Standard: STD
Run Time: 04/23/12 09:51:25

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.82242	.89338	1.0416	11.173	22.189	6.1960	13.388
SDev	.00024	.00103	.0015	.025	.078	.0144	.033
%RSD	.02913	.11468	.14785	.22296	.35225	.23193	.24848
#1	.82225	.89410	1.0405	11.156	22.134	6.1858	13.365
#2	.82259	.89265	1.0427	11.191	22.244	6.2061	13.412

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.7533	2.0842	1.2394	1.1790	4.4493	17.954	1.2423
SDev	.0050	.0058	.0031	.0025	.0188	.018	.0020
%RSD	.18276	.27620	.25293	.21512	.42253	.09952	.16024
#1	2.7497	2.0802	1.2372	1.1772	4.4360	17.967	1.2409
#2	2.7568	2.0883	1.2416	1.1808	4.4626	17.942	1.2437

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.6955	1.4636	6.2004	2.5927	.78814	.68145	.11440
SDev	.0040	.0060	.0053	.0048	.00007	.00158	.00026
%RSD	.23650	.41102	.08503	.18409	.00940	.23146	.22346
#1	1.6926	1.4593	6.1966	2.5961	.78808	.68034	.11422
#2	1.6983	1.4679	6.2041	2.5893	.78819	.68257	.11458

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	14.783	38.409	.29143	2.6065	10.071	.51330	2.9516
SDev	.026	.063	.00178	.0057	.026	.00098	.0046
%RSD	.17630	.16429	.60902	.21784	.25719	.19047	.15642
#1	14.802	38.365	.29017	2.6025	10.053	.51261	2.9483
#2	14.765	38.454	.29268	2.6106	10.090	.51399	2.9549

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.6164	7.2474	1.1409	.96831
SDev	.0068	.0477	.0007	.01282
%RSD	.18748	.65881	.06322	1.3239
#1	3.6116	7.2136	1.1404	.95925
#2	3.6212	7.2812	1.1414	.97738

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42242	--	--	--	--	--	--
SDev	84.85281	--	--	--	--	--	--
%RSD	.2008731	--	--	--	--	--	--
#1	42182	--	--	--	--	--	--
#2	42302	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	24.4634	-.119070	04/23/12 09:51:25
Sb2068	206.838	STD	S0	2.25185	-.005093	04/23/12 09:51:25
As1890	189.042	STD	S0	1.90047	.001076	04/23/12 09:51:25
Ba4934	493.409	STD	S0	.179001	-.000032	04/23/12 09:51:25
Be3130	313.042	STD	S0	.045067	.000639	04/23/12 09:51:25
B_2496	249.678	STD	S0	.322839	-.000304	04/23/12 09:51:25
Cd2265	226.502	STD	S0	.074840	-.000008	04/23/12 09:51:25
Ca3179	317.933	STD	S0	7.27894	-.040840	04/23/12 09:51:25
Cr2677	267.716	STD	S0	.959626	-.000075	04/23/12 09:51:25
Co2286	228.616	STD	S0	1.61315	.000692	04/23/12 09:51:25
Cu3247	324.753	STD	S0	1.70179	-.007478	04/23/12 09:51:25
Fe2714	271.441	STD	S0	4.30659	.010636	04/23/12 09:51:25
Li6707	670.784	STD	S0	.111801	-.007307	04/23/12 09:51:25
Pb2203	220.353		NONE	.000000	.000000	*04/23/12 09:51:25
Se1960	196.026		NONE	.000000	.000000	*04/23/12 09:51:25
Mg2790	279.078	STD	S0	16.5667	-.581481	04/23/12 09:51:25
Mn2576	257.610	STD	S0	1.17986	-.000053	04/23/12 09:51:25
Mo2020	202.030	STD	S0	1.36640	.000139	04/23/12 09:51:25
Ni2316	231.604	STD	S0	.322492	.000433	04/23/12 09:51:25
K_7664	766.491	STD	S0	9.20551	-3.86700	04/23/12 09:51:25
Si2881	288.158	STD	S0	2.61401	-.078609	04/23/12 09:51:25
Ag3280	328.068	STD	S0	1.46732	.000365	04/23/12 09:51:25
Na3302	330.232	STD	S0	171.613	.367497	04/23/12 09:51:25
Na5889	588.995	STD	S0	1.37188	-.281152	04/23/12 09:51:25
Sr4215	421.552	STD	S0	.026047	.000017	04/23/12 09:51:25
Tl1908	190.864	STD	S0	6.85311	.009268	04/23/12 09:51:25
Sn1899	189.989	STD	S0	.767425	-.000329	04/23/12 09:51:25
Ti3349	334.941	STD	S0	.198551	.000291	04/23/12 09:51:25
V_2924	292.402	STD	S0	3.85908	-.000042	04/23/12 09:51:25
Zn2138	213.856	STD	S0	.679413	-.002908	04/23/12 09:51:25
2203/1	220.351	STD	S0	.556735	-.001708	04/23/12 09:51:25
2203/2	220.352	STD	S0	.275015	-.000637	04/23/12 09:51:25
1960/1	196.021	STD	S0	1.74891	.007220	04/23/12 09:51:25
1960/2	196.022	STD	S0	2.06501	-.003741	04/23/12 09:51:25

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	.000000	-.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	.000000	-.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	.000000	-.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 04/23/12 09:54:52 AM page 4

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	.000000	-.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	.000000	-.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	-.000000	.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	.000000	-.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	.000000	-.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 04/23/12 09:54:52 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	-.000000	.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	.000000	-.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	.000000	-.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 04/23/12 09:59:57 AM page 1

Method: 20076010 Sample Name: S2 met0412cal_00001 Operator: DCL
Run Time: 04/23/12 09:56:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.864	1.9960	1.9959	1.9930	1.0040	1.9949	.99736

SDev	.014	.0083	.0039	.0058	.0022	.0034	.00235
%RSD	.07254	.41574	.19581	.29222	.21829	.16804	.23602
#1	19.874	2.0019	1.9987	1.9971	1.0056	1.9972	.99902
#2	19.853	1.9901	1.9932	1.9888	1.0025	1.9925	.99569

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.932	1.9990	1.9965	1.9951	19.975	1.9846	1.9926
SDev	.036	.0027	.0048	.0040	.062	.0017	.0008
%RSD	.17956	.13675	.23850	.20234	.30874	.08528	.03813
#1	19.958	2.0009	1.9999	1.9979	20.018	1.9858	1.9932
#2	19.907	1.9971	1.9932	1.9922	19.931	1.9834	1.9921

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9962	19.935	1.9960	1.9960	1.9932	19.750	1.9796
SDev	.0011	.017	.0043	.0080	.0018	.001	.0066
%RSD	.05707	.08387	.21710	.40173	.09142	.00363	.33336
#1	1.9954	19.947	1.9991	1.9904	1.9945	19.749	1.9843
#2	1.9970	19.923	1.9929	2.0017	1.9919	19.750	1.9749

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99676	19.932	19.824	.99530	1.9789	1.9878	1.9990
SDev	.00268	.121	.010	.00290	.0007	.0041	.0045
%RSD	.26912	.60760	.04851	.29122	.03535	.20673	.22658
#1	.99866	20.018	19.818	.99735	1.9794	1.9907	2.0022
#2	.99487	19.846	19.831	.99325	1.9785	1.9849	1.9958

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9952	1.9940	1.9970	1.9905	1.9980	1.9954
SDev	.0040	.0056	.0014	.0004	.0025	.0029
%RSD	.19901	.27862	.07219	.02105	.12393	.14769
#1	1.9980	1.9979	1.9980	1.9907	1.9997	1.9933
#2	1.9924	1.9900	1.9960	1.9902	1.9962	1.9975

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43012	--	--	--	--	--	--
SDev	99.70206	--	--	--	--	--	--
%RSD	.2318032	--	--	--	--	--	--

#1	43082	--	--	--	--	--	--
#2	42941	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 10:00:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4594	.49341	.49876	.49406	.50964	.49833	.50421
SDev	.0099	.00162	.00454	.00235	.00261	.00307	.00248
%RSD	.40400	.32905	.91041	.47569	.51236	.61506	.49093
#1	2.4664	.49456	.50197	.49572	.51149	.50050	.50596
#2	2.4524	.49226	.49554	.49239	.50780	.49617	.50246

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.559	.50118	.50342	.50484	2.5544	.45711	.50110
SDev	.058	.00231	.00223	.00292	.0130	.00184	.00148
%RSD	.46358	.46077	.44262	.57903	.50876	.40314	.29619
#1	12.600	.50281	.50500	.50691	2.5636	.45841	.50215
#2	12.518	.49955	.50185	.50277	2.5452	.45581	.50005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50536	5.0396	.49374	.51185	.50511	12.133	.95354
SDev	.00165	.0233	.00243	.00504	.00005	.061	.00368
%RSD	.32667	.46216	.49118	.98497	.01072	.49946	.38602
#1	.50653	5.0561	.49546	.51542	.50507	12.176	.95615
#2	.50420	5.0231	.49203	.50829	.50515	12.090	.95094

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24690	12.663	11.877	.24598	.51323	.50523	.50573
SDev	.00100	.000	.049	.00128	.00104	.00185	.00257
%RSD	.40429	.00362	.41588	.52258	.20300	.36568	.50873
#1	.24760	12.663	11.912	.24689	.51397	.50654	.50755
#2	.24619	12.663	11.842	.24507	.51250	.50392	.50391

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50603	.50759	.50143	.50094	.50503	.50559
SDev	.00160	.00262	.00002	.00223	.00441	.00027
%RSD	.31617	.51698	.00305	.44595	.87376	.05342
#1	.50716	.50945	.50142	.50252	.50815	.50578
#2	.50490	.50573	.50144	.49936	.50191	.50540

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 10:03:49 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43122	--	--	--	--	--	--
SDev	166.1701	--	--	--	--	--	--
%RSD	.3853532	--	--	--	--	--	--
#1	43004	--	--	--	--	--	--
#2	43239	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: DCL
Run Time: 04/23/12 10:03:52

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01365	-.00323	.00017	.00000	.00018	.00242	.00010
SDev	.00110	.00369	.00058	.00001	.00003	.00047	.00025
%RSD	8.0866	114.41	336.92	496.93	15.521	19.229	256.36
#1	-.01287	-.00584	.00058	-.00000	.00016	.00275	-.00008
#2	-.01443	-.00062	-.00024	.00000	.00020	.00209	.00028

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00344	-.00004	-.00041	.00075	-.00587	.00112	-.00003
SDev	.00141	.00043	.00092	.00006	.04441	.00011	.00001
%RSD	41.056	970.01	226.11	7.8858	756.33	9.6129	32.949
#1	.00244	-.00035	-.00106	.00079	-.03727	.00120	-.00003
#2	.00443	.00026	.00024	.00071	.02553	.00104	-.00002

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	.06103	.00001	.00420	-.00013	.34983	.00399
SDev	.00231	.00509	.00002	.00096	.00074	.04389	.00031
%RSD	105.13	8.3316	128.97	22.880	552.85	12.546	7.8612
#1	.00382	.06463	.00000	.00488	-.00066	.38086	.00422
#2	.00056	.05744	.00003	.00352	.00039	.31880	.00377

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	-.09469	.03335	.00006	.00065	-.00071	.00011
SDev	.00139	.17666	.00327	.00003	.00350	.00215	.00001
%RSD	268.62	186.56	9.8188	48.345	538.05	301.86	7.9221
#1	-.00150	-.21961	.03566	.00004	.00313	-.00223	.00011
#2	.00047	.03022	.03103	.00008	-.00183	.00081	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00082	-.00087	.00039	-.00089	.00374
SDev	.00001	.00022	.00184	.00091	.00043	.00368
%RSD	8.5796	26.201	212.17	231.53	48.680	98.399
#1	-.00009	.00098	-.00217	.00103	-.00120	.00633

Analysis Report 04/23/12 10:07:40 AM page 4

#2	-.00010	.00067	.00043	-.00025	-.00058	.00114

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42817	--	--	--	--	--	--
SDev	612.3545	--	--	--	--	--	--
%RSD	1.430167	--	--	--	--	--	--
#1	42384	--	--	--	--	--	--
#2	43250	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI met0212low_00003 Operator: DCL
Run Time: 04/23/12 10:07:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07950	.00817	.00933	.00964	.00543	.01217	.00531
SDev	.00156	.00179	.00028	.00009	.00002	.00005	.00003
%RSD	1.9636	21.883	2.9903	.93122	.34880	.43514	.50353
#1	.08061	.00943	.00913	.00971	.00544	.01221	.00529
#2	.07840	.00690	.00952	.00958	.00541	.01214	.00533

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11286	.00992	.00960	.01045	.09634	.00858	.00930
SDev	.00047	.00010	.00009	.00018	.00471	.00010	.00077
%RSD	.41459	1.0196	.90592	1.7265	4.8845	1.1132	8.2427
#1	.11319	.00999	.00966	.01057	.09966	.00865	.00984
#2	.11253	.00985	.00953	.01032	.09301	.00852	.00876

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01127	.14640	.00969	.01136	.00925	.87911	.01730
SDev	.00026	.00305	.00004	.00130	.00022	.02719	.00178
%RSD	2.2965	2.0853	.38370	11.424	2.3642	3.0931	10.299
#1	.01109	.14856	.00971	.01228	.00941	.89834	.01856
#2	.01145	.14424	.00966	.01044	.00910	.85989	.01604

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00472	.58061	.58077	.00434	.01050	.00965	.00979
SDev	.00037	.09931	.00275	.00002	.00247	.00043	.00013
%RSD	7.8074	17.105	.47409	.44948	23.496	4.4388	1.3019
#1	.00446	.65084	.58272	.00435	.00876	.00995	.00988
#2	.00498	.51039	.57883	.00432	.01225	.00934	.00970

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00951	.00806	.01028	.00881	.00788	.01297

SDev	.00036	.00005	.00172	.00201	.00003	.00038
%RSD	3.8377	.59207	16.702	22.797	.33230	2.8930
#1	.00977	.00803	.00907	.01023	.00786	.01270
#2	.00925	.00810	.01150	.00739	.00790	.01323

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43120	--	--	--	--	--	--
SDev	164.7559	--	--	--	--	--	--
%RSD	.3820913	--	--	--	--	--	--
#1	43003	--	--	--	--	--	--

#2	43236	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/23/12 10:11:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	506.94	-.00263	.00001	.00170	.00011	-.00185	-.00527
SDev	1.93	.00124	.00215	.00006	.00001	.00117	.00012
%RSD	.38025	47.074	31315.	3.5011	9.1991	63.049	2.2326
#1	508.30	-.00351	-.00152	.00165	.00010	-.00103	-.00519
#2	505.57	-.00176	.00153	.00174	.00012	-.00268	-.00536

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	457.65	.00175	-.00015	.01376	196.44	.00495	.00102
SDev	1.27	.00048	.00009	.00030	.83	.00006	.00112
%RSD	.27782	27.609	59.003	2.1903	.42415	1.1668	109.99
#1	458.55	.00141	-.00009	.01355	197.03	.00499	.00181
#2	456.75	.00210	-.00021	.01398	195.85	.00491	.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00565	514.12	-.00760	.00064	.00085	.41325	.01820
SDev	.00491	1.56	.00003	.00003	.00016	.02883	.00071
%RSD	86.868	.30333	.41486	3.8891	18.256	6.9760	3.9025
#1	-.00912	515.22	-.00763	.00062	.00097	.39287	.01871
#2	-.00218	513.02	-.00758	.00066	.00074	.43364	.01770

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.25409	.20748	-.00907	-.02063	-.00382	-.00378
SDev	.00032	.09875	.00072	.00005	.00531	.00138	.00001
%RSD	32.873	38.866	.34564	.54023	25.754	36.177	.19041
#1	.00118	.32392	.20697	-.00910	-.01687	-.00284	-.00378
#2	.00074	.18426	.20798	-.00903	-.02439	-.00480	-.00377

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00295	-.00317	-.00976	.00641	-.00058	-.00818
SDev	.00035	.00013	.00070	.00133	.00096	.00688
%RSD	11.829	4.1787	7.1919	20.732	165.27	84.076
#1	.00271	-.00307	-.00927	.00735	-.00126	-.01305
#2	.00320	-.00326	-.01026	.00547	.00010	-.00332

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39360	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.0862325	--	--	--	--	--	--

#1	39384	--	--	--	--	--	--
#2	39336	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 04/23/12 10:15:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	518.45	1.0424	1.0348	1.0414	.50625	1.0580	.47336
SDev	2.27	.0102	.0054	.0056	.00189	.0024	.00262
%RSD	.43858	.97495	.52636	.53836	.37258	.22976	.55350
#1	520.06	1.0496	1.0387	1.0454	.50758	1.0597	.47521
#2	516.84	1.0352	1.0310	1.0374	.50491	1.0563	.47151

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	465.79	.99877	.96117	1.0831	206.53	1.1581	1.0017
SDev	1.89	.00400	.00397	.0073	.95	.0062	.0027
%RSD	.40508	.40077	.41270	.67701	.46184	.53525	.26924
#1	467.12	1.0016	.96397	1.0883	207.21	1.1625	1.0036
#2	464.45	.99594	.95836	1.0779	205.86	1.1537	.99983

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0301	525.83	.99507	1.0211	.93872	14.233	1.0412
SDev	.0029	1.86	.00409	.0043	.00547	.066	.0072
%RSD	.28514	.35421	.41079	.42074	.58264	.46060	.68931
#1	1.0281	527.14	.99796	1.0241	.94258	14.279	1.0463
#2	1.0322	524.51	.99218	1.0180	.93485	14.187	1.0361

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54957	12.142	13.267	.49766	.98236	1.0149	1.0258
SDev	.00386	.248	.061	.00250	.00408	.0089	.0041

%RSD	.70203	2.0426	.45642	.50314	.41521	.87554	.39628
#1	.55230	12.318	13.310	.49943	.98524	1.0212	1.0286
#2	.54684	11.967	13.224	.49588	.97948	1.0086	1.0229

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0136	1.0287	.99994	1.0026	1.0357	1.0273
SDev	.0043	.0050	.01211	.0020	.0105	.0097
%RSD	.41975	.48490	1.2112	.20049	1.0134	.93973
#1	1.0166	1.0322	1.0085	1.0012	1.0431	1.0205
#2	1.0106	1.0251	.99138	1.0041	1.0283	1.0342

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39273	--	--	--	--	--	--

SDev	219.2031	--	--	--	--	--	--
%RSD	.5581522	--	--	--	--	--	--
#1	39118	--	--	--	--	--	--
#2	39428	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 10:19:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4807	.49355	.49943	.49270	.50910	.49889	.50419
SDev	.0031	.00039	.00174	.00094	.00136	.00205	.00115
%RSD	.12337	.07979	.34778	.19049	.26711	.41100	.22785
#1	2.4828	.49327	.49820	.49337	.51006	.50034	.50500
#2	2.4785	.49382	.50066	.49204	.50814	.49744	.50337

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.575	.50183	.50330	.50494	2.5508	.45884	.50309
SDev	.038	.00163	.00118	.00051	.0051	.00039	.00308
%RSD	.29938	.32393	.23381	.10007	.19964	.08424	.61197
#1	12.602	.50298	.50413	.50529	2.5544	.45911	.50527
#2	12.548	.50068	.50247	.50458	2.5472	.45857	.50092

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50851	5.0892	.49481	.50914	.49898	12.181	.95665
SDev	.00173	.0205	.00129	.00131	.00169	.020	.00047
%RSD	.34048	.40270	.26044	.25667	.33844	.16613	.04867
#1	.50973	5.1037	.49572	.51006	.50017	12.195	.95698
#2	.50728	5.0747	.49390	.50821	.49778	12.167	.95632

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24760	12.673	11.922	.24520	.50597	.50632	.50678
SDev	.00050	.144	.010	.00039	.00441	.00386	.00096
%RSD	.20307	1.1386	.08683	.15999	.87187	.76208	.19018
#1	.24796	12.775	11.915	.24548	.50285	.50905	.50746
#2	.24725	12.571	11.930	.24493	.50908	.50360	.50609

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50672	.50731	.50337	.50296	.49957	.51303
SDev	.00117	.00168	.00275	.00325	.00052	.00286
%RSD	.23177	.33077	.54553	.64521	.10407	.55690
#1	.50755	.50849	.50532	.50525	.49921	.51506
#2	.50589	.50612	.50143	.50066	.49994	.51101

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	43206	--	--	--	--	--	--
SDev	230.5168	--	--	--	--	--	--
%RSD	.5335296	--	--	--	--	--	--
#1	43043	--	--	--	--	--	--
#2	43369	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 10:23:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	-.00088	.00084	.00004	.00018	.00218	.00003
SDev	.00324	.00012	.00053	.00006	.00000	.00048	.00019
%RSD	1042.3	13.658	62.542	126.69	1.0027	21.882	672.18
#1	.00198	-.00080	.00121	.00008	.00018	.00251	-.00011
#2	-.00260	-.00097	.00047	.00000	.00018	.00184	.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01137	.00025	-.00048	.00041	-.00938	.00061	.00033
SDev	.00032	.00023	.00050	.00036	.02447	.00008	.00002
%RSD	2.8204	95.783	105.54	87.507	260.74	12.550	6.9051
#1	.01160	.00041	-.00083	.00067	-.02669	.00066	.00035
#2	.01114	.00008	-.00012	.00016	.00792	.00055	.00031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.06037	.00007	.00309	-.00013	.26608	.00338
SDev	.00042	.00410	.00002	.00081	.00080	.02724	.00053
%RSD	67.854	6.7966	28.921	26.219	595.52	10.236	15.750

#1	.00093	.06327	.00008	.00366	-.00070	.28533	.00376
#2	.00033	.05746	.00005	.00252	.00043	.24682	.00300

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	-.18812	.02543	.00006	.00369	-.00057	.00005
SDev	.00053	.12470	.00170	.00002	.00031	.00255	.00007
%RSD	67.636	66.289	6.6911	38.264	8.5095	447.06	133.54
#1	-.00115	-.27630	.02663	.00007	.00391	-.00238	.00000
#2	-.00041	-.09994	.02422	.00004	.00346	.00123	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00051	.00197	-.00049	-.00217	.00202
SDev	.00005	.00018	.00267	.00137	.00620	.00374
%RSD	45.308	35.865	135.15	278.26	286.16	184.70
#1	.00008	.00038	.00009	.00048	-.00655	.00466
#2	.00016	.00064	.00386	-.00146	.00222	-.00062

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43570	--	--	--	--	--	--
SDev	168.9985	--	--	--	--	--	--
%RSD	.3878826	--	--	--	--	--	--
#1	43450	--	--	--	--	--	--
#2	43689	--	--	--	--	--	--

Analysis Report 04/23/12 10:53:29 AM page 1

Method: 20076010 Sample Name: mb 600-77589/1-a Operator: DCL
Run Time: 04/23/12 10:49:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00160	-.00079	.00049	.00094	.00008	.00094	.00004
SDev	.00361	.00032	.00103	.00004	.00003	.00042	.00002
%RSD	224.66	40.721	211.33	4.5969	32.458	45.191	34.447
#1	-.00415	-.00056	-.00024	.00091	.00006	.00064	.00003
#2	.00094	-.00102	.00121	.00097	.00010	.00123	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00736	.00044	.00014	.00062	.03187	.00063	.00015
SDev	.00091	.00014	.00031	.00025	.00963	.00004	.00096
%RSD	12.381	30.885	230.18	40.669	30.226	5.7205	648.59
#1	.00801	.00035	.00036	.00044	.03869	.00066	-.00053
#2	.00672	.00054	-.00008	.00079	.02506	.00061	.00083

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.05574	.00023	.00003	-.00003	.29845	.00309
SDev	.00195	.00313	.00006	.00002	.00031	.02784	.00091
%RSD	132.44	5.6228	24.174	79.970	968.80	9.3289	29.387
#1	.00285	.05796	.00019	.00001	-.00025	.31814	.00245
#2	.00009	.05352	.00027	.00004	.00019	.27876	.00373

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.19562	.01999	-.00001	.00067	-.00042	.00017
SDev	.00055	.01843	.00143	.00003	.00095	.00052	.00020
%RSD	143.33	9.4201	7.1675	454.29	141.84	126.28	117.16
#1	.00077	.20865	.02100	-.00002	.00134	-.00004	.00003
#2	-.00001	.18259	.01897	.00001	-.00000	-.00079	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	-.00081	.00137	-.00046	-.00159	.00300
SDev	.00044	.00009	.00045	.00121	.00353	.00116
%RSD	163.75	10.760	32.942	263.07	222.04	38.546
#1	-.00004	-.00087	.00105	-.00132	.00091	.00382
#2	.00058	-.00075	.00168	.00040	-.00409	.00218

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43418	--	--	--	--	--	--
SDev	287.0854	--	--	--	--	--	--
%RSD	.6612127	--	--	--	--	--	--

Analysis Report 04/23/12 10:53:29 AM page 2

#1	43215	--	--	--	--	--	--
#2	43621	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-77589/2-a Operator: DCL
Run Time: 04/23/12 10:53:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8508	.99974	1.0071	.99758	.50730	1.0046	.50552
SDev	.5312	.05495	.0550	.05335	.02784	.0519	.02753
%RSD	5.3921	5.4959	5.4562	5.3485	5.4877	5.1685	5.4464
#1	10.226	1.0386	1.0460	1.0353	.52699	1.0413	.52498
#2	9.4752	.96089	.96829	.95985	.48762	.96786	.48605

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.049	1.0005	1.0051	1.0097	10.209	.46401	1.0038
SDev	.551	.0555	.0549	.0543	.579	.02377	.0499
%RSD	5.4845	5.5513	5.4593	5.3817	5.6707	5.1230	4.9749
#1	10.438	1.0398	1.0439	1.0481	10.618	.48082	1.0391
#2	9.6590	.96125	.96628	.97130	9.7996	.44720	.96852

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99924	10.060	1.0039	1.0331	1.0041	9.8405	.96079
SDev	.04662	.583	.0553	.0499	.0545	.6239	.05665
%RSD	4.6654	5.7994	5.5090	4.8335	5.4247	6.3397	5.8960
#1	1.0322	10.473	1.0430	1.0684	1.0426	10.282	1.0008
#2	.96627	9.6479	.96482	.99777	.96556	9.3994	.92073

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50457	9.7195	9.6394	.49981	1.0144	1.0041	1.0141
SDev	.02726	.4631	.4614	.02719	.0458	.0545	.0558
%RSD	5.4016	4.7646	4.7865	5.4399	4.5161	5.4282	5.4985
#1	.52384	10.047	9.9656	.51904	1.0468	1.0426	1.0536
#2	.48530	9.3921	9.3131	.48058	.98201	.96557	.97470

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0103	1.0175	1.0052	1.0031	.98576	1.0060
SDev	.0564	.0545	.0383	.0558	.03459	.0526
%RSD	5.5818	5.3552	3.8092	5.5589	3.5088	5.2322

#1	1.0501	1.0561	1.0323	1.0426	1.0102	1.0432	
#2	.97038	.97900	.97812	.96372	.96130	.96876	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 10:57:19 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44476	--	--	--	--	--	--
SDev	1994.748	--	--	--	--	--	--
%RSD	4.485050	--	--	--	--	--	--
#1	43065	--	--	--	--	--	--
#2	45886	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-77499/1-b Operator: DCL
Run Time: 04/23/12 10:57:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	-.00109	.00122	.00938	.00014	.00728	.00017
SDev	.00831	.00015	.00025	.00071	.00007	.00045	.00015
%RSD	947.21	13.880	20.674	7.6031	53.793	6.1255	87.250
#1	-.00675	-.00099	.00104	.00888	.00009	.00696	.00006
#2	.00500	-.00120	.00139	.00989	.00019	.00760	.00027

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08321	.00032	.00015	.00063	.01144	.00071	.00002
SDev	.00765	.00032	.00034	.00079	.01359	.00051	.00038
%RSD	9.1911	100.35	223.79	124.97	118.80	71.797	1587.4
#1	.07781	.00009	-.00009	.00007	.00183	.00035	.00029
#2	.08862	.00055	.00039	.00119	.02104	.00107	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.05141	.00031	.00418	.00021	.22308	.02020
SDev	.00015	.03090	.00022	.00179	.00050	.18268	.00655
%RSD	9.9482	60.118	71.679	42.829	234.57	81.889	32.426
#1	.00165	.02955	.00015	.00545	-.00014	.09391	.01557
#2	.00144	.07326	.00047	.00292	.00057	.35226	.02483

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	174.84	134.96	.00032	.00448	.00033	.00023
SDev	.00014	9.38	6.75	.00013	.00252	.00031	.00030
%RSD	77.960	5.3673	4.9983	39.348	56.178	94.398	129.09
#1	-.00028	168.21	130.19	.00023	.00626	.00011	.00002
#2	-.00008	181.48	139.73	.00041	.00270	.00055	.00045

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00133	-.00027	.00017	-.00164	.00314

SDev	.00005	.00076	.00110	.00111	.00138	.00092
%RSD	24.916	57.139	414.99	662.61	83.778	29.257
#1	.00018	.00079	-.00104	.00096	-.00262	.00379

Analysis Report 04/23/12 11:01:10 AM page 4

#2	.00026	.00187	.00051	-.00062	-.00067	.00249

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44154	--	--	--	--	--	--
SDev	1933.937	--	--	--	--	--	--
%RSD	4.379932	--	--	--	--	--	--
#1	45522	--	--	--	--	--	--
#2	42787	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53560-a-1-e Operator: DCL
Run Time: 04/23/12 11:01:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00551	-.00297	-.00050	.03171	.00003	.01213	.00012
SDev	.00242	.00204	.00140	.00019	.00001	.00033	.00003
%RSD	43.905	68.810	278.68	.59134	26.512	2.7362	21.990
#1	.00380	-.00441	.00049	.03184	.00003	.01189	.00014
#2	.00722	-.00152	-.00149	.03158	.00004	.01236	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.372	.00029	.00102	.00123	.46316	.00179	-.00036
SDev	.407	.00039	.00008	.00014	.00268	.00006	.00101
%RSD	.58598	133.28	7.9870	11.336	.57824	3.0463	279.30
#1	69.659	.00002	.00096	.00113	.46127	.00176	.00035
#2	69.085	.00056	.00108	.00133	.46505	.00183	-.00107

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.52081	.26225	.00136	.00407	1.0175	.28950
SDev	.00470	.00100	.00175	.00094	.00034	.0073	.00256
%RSD	4871.2	.19252	.66874	69.375	8.3548	.71959	.88578
#1	-.00323	.52152	.26349	.00069	.00383	1.0123	.29131
#2	.00342	.52010	.26101	.00202	.00432	1.0227	.28768

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	184.42	142.88	.14788	.00267	.00035	-.00047
SDev	.00030	.71	.62	.00098	.00103	.00127	.00015
%RSD	131.58	.38323	.43076	.66555	38.789	364.39	33.107
#1	.00002	184.92	143.32	.14857	.00340	.00124	-.00057
#2	.00043	183.92	142.45	.14718	.00194	-.00055	-.00036

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.29908	.00060	-.00084	.00234	-.00103

SDev	.00027	.00154	.00046	.00128	.00751	.00330
%RSD	430.43	.51464	76.635	152.04	320.68	321.88
#1	-.00013	.30017	.00093	.00006	-.00297	-.00336
#2	.00025	.29799	.00028	-.00175	.00765	.00131

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42022	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.0403850	--	--	--	--	--	--
#1	42010	--	--	--	--	--	--
#2	42034	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53560-a-1-f ms Operator: DCL
Run Time: 04/23/12 11:05:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.527	1.0461	1.0661	1.0578	.52972	1.0688	.51746
SDev	.087	.0092	.0060	.0107	.00403	.0066	.00369
%RSD	.82861	.87792	.56611	1.0161	.76036	.61812	.71413
#1	10.589	1.0526	1.0704	1.0654	.53257	1.0734	.52007
#2	10.466	1.0396	1.0619	1.0502	.52687	1.0641	.51485

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.079	1.0331	1.0378	1.0606	10.994	.52989	1.0416
SDev	.572	.0083	.0075	.0097	.090	.00446	.0103
%RSD	.72336	.80724	.72714	.90996	.81674	.84117	.98702
#1	79.483	1.0389	1.0432	1.0674	11.057	.53304	1.0489
#2	78.674	1.0272	1.0325	1.0538	10.930	.52674	1.0344

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0561	10.823	1.2949	1.0868	1.0347	13.331	1.3155
SDev	.0036	.075	.0102	.0074	.0100	.115	.0123
%RSD	.34110	.68902	.78914	.68386	.96997	.85999	.93695
#1	1.0586	10.876	1.3021	1.0920	1.0418	13.412	1.3242
#2	1.0535	10.770	1.2877	1.0815	1.0277	13.250	1.3068

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53057	198.26	152.99	.66289	1.0780	1.0488	1.0553
SDev	.00495	1.25	.95	.00629	.0004	.0067	.0088
%RSD	.93217	.63071	.62185	.94908	.04050	.63488	.83376
#1	.53406	199.15	153.66	.66734	1.0777	1.0535	1.0615
#2	.52707	197.38	152.31	.65844	1.0783	1.0441	1.0490

Analysis Report 04/23/12 11:08:52 AM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0571	1.3632	1.0360	1.0444	1.0300	1.0691
SDev	.0090	.0103	.0159	.0075	.0125	.0009
%RSD	.84746	.75473	1.5344	.71552	1.2161	.08039
#1	1.0634	1.3705	1.0472	1.0497	1.0388	1.0685
#2	1.0507	1.3559	1.0248	1.0392	1.0211	1.0697

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42174	--	--	--	--	--	--
SDev	178.1909	--	--	--	--	--	--
%RSD	.4225137	--	--	--	--	--	--
#1	42048	--	--	--	--	--	--
#2	42300	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53560-a-1-g msd Operator: DCL
Run Time: 04/23/12 11:08:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.656	1.0664	1.0769	1.0714	.53707	1.0893	.52464
SDev	.025	.0034	.0061	.0017	.00215	.0032	.00189
%RSD	.23261	.32343	.56367	.15725	.40094	.29269	.36028
#1	10.674	1.0689	1.0811	1.0726	.53859	1.0915	.52598
#2	10.639	1.0640	1.0726	1.0702	.53555	1.0870	.52331

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.208	1.0479	1.0495	1.0730	11.176	.53770	1.0599
SDev	.316	.0034	.0039	.0020	.050	.00130	.0056
%RSD	.39406	.32477	.37338	.18546	.44568	.24096	.52708
#1	80.432	1.0503	1.0523	1.0744	11.211	.53861	1.0638
#2	79.985	1.0455	1.0467	1.0716	11.141	.53678	1.0559

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0690	10.983	1.3120	1.1091	1.0553	13.539	1.3393
SDev	.0029	.055	.0044	.0042	.0027	.048	.0028
%RSD	.27475	.50196	.33433	.37956	.25465	.35600	.20904
#1	1.0711	11.022	1.3151	1.1121	1.0572	13.573	1.3413
#2	1.0670	10.944	1.3089	1.1061	1.0534	13.505	1.3373

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53780	201.75	155.27	.67162	1.0998	1.0656	1.0731
SDev	.00119	.65	.53	.00129	.0001	.0040	.0026

Analysis Report 04/23/12 11:12:44 AM page 7

%RSD	.22073	.32159	.34218	.19195	.00749	.37866	.24490
#1	.53864	202.20	155.64	.67253	1.0998	1.0684	1.0750
#2	.53696	201.29	154.89	.67070	1.0999	1.0627	1.0713

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0703	1.3838	1.0549	1.0623	1.0453	1.0809
SDev	.0036	.0032	.0063	.0052	.0029	.0030
%RSD	.33211	.23140	.59911	.49131	.27294	.27562
#1	1.0728	1.3860	1.0594	1.0660	1.0473	1.0830
#2	1.0678	1.3815	1.0505	1.0587	1.0433	1.0788

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41878	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.1840434	--	--	--	--	--	--
#1	41824	--	--	--	--	--	--
#2	41933	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53685-a-1-e Operator: DCL
Run Time: 04/23/12 11:12:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01787	-.00016	-.00018	.04112	.00005	.01131	.00017
SDev	.00264	.00075	.00110	.00046	.00008	.00006	.00003
%RSD	14.748	460.71	597.92	1.1138	168.19	.56673	17.888
#1	.01601	.00037	-.00096	.04080	-.00001	.01127	.00019
#2	.01974	-.00069	.00059	.04145	.00010	.01136	.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5167	.00087	.00500	.01812	.44237	.00129	-.00008
SDev	.0308	.00014	.00043	.00042	.01450	.00013	.00023
%RSD	1.2249	15.411	8.6840	2.2933	3.2779	9.9659	292.78
#1	2.4949	.00078	.00469	.01783	.43212	.00120	.00008
#2	2.5385	.00097	.00531	.01842	.45263	.00138	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	.24945	.29976	.00453	.06668	.44053	.03824
SDev	.00026	.00970	.00241	.00279	.00065	.03847	.00082
%RSD	11.188	3.8899	.80229	61.469	.98127	8.7329	2.1405
#1	.00251	.24259	.29806	.00650	.06622	.41333	.03767
#2	.00214	.25631	.30146	.00256	.06715	.46773	.03882

Analysis Report 04/23/12 11:16:35 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	177.68	137.55	.02254	.00384	-.00062	.00018
SDev	.00015	1.09	.61	.00025	.00129	.00000	.00016
%RSD	67.800	.61153	.44151	1.1115	33.761	.34462	89.261
#1	-.00012	176.91	137.12	.02236	.00475	-.00062	.00007
#2	-.00033	178.45	137.98	.02272	.00292	-.00062	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.03436	.00160	-.00092	.00010	.00345
SDev	.00010	.00048	.00118	.00094	.00213	.00145
%RSD	28.620	1.3869	73.909	102.29	2227.4	42.234
#1	.00029	.03403	.00076	-.00025	-.00141	.00447
#2	.00044	.03470	.00243	-.00158	.00160	.00242

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42518	--	--	--	--	--	--
SDev	313.2483	--	--	--	--	--	--
%RSD	.7367341	--	--	--	--	--	--
#1	42740	--	--	--	--	--	--
#2	42297	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-77501/1-c Operator: DCL
Run Time: 04/23/12 11:16:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00615	-.00406	.00043	.00954	-.00002	.00945	-.00006
SDev	.00098	.00236	.00116	.00006	.00003	.00072	.00013
%RSD	15.861	58.035	266.48	.61117	150.45	7.6342	205.17
#1	.00546	-.00573	-.00038	.00958	-.00004	.00996	.00003
#2	.00684	-.00239	.00125	.00949	.00000	.00894	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11158	.00027	-.00024	-.00013	-.00034	.00080	-.00062
SDev	.00113	.00005	.00015	.00044	.00489	.00009	.00056
%RSD	1.0161	18.497	61.962	336.94	1455.7	11.779	90.935
#1	.11078	.00031	-.00014	-.00044	-.00379	.00087	-.00101
#2	.11238	.00024	-.00035	.00018	.00312	.00073	-.00022

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.06891	.00027	.00184	-.00032	.30472	.00775
SDev	.00087	.00645	.00004	.00017	.00013	.05387	.00092
%RSD	1081.7	9.3568	13.191	9.3101	41.170	17.679	11.860

Analysis Report 04/23/12 11:20:26 AM page 9

#1	.00053	.07347	.00025	.00196	-.00042	.34281	.00710

#2	-.00069	.06435	.00030	.00172	-.00023	.26662	.00839

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.35571	.44532	.00017	.00098	-.00024	.00008
SDev	.00026	.03934	.00313	.00002	.00254	.00076	.00008
%RSD	64.583	11.060	.70379	14.255	258.31	320.08	99.088
#1	-.00022	.38353	.44310	.00015	-.00081	.00030	.00014
#2	-.00058	.32789	.44753	.00018	.00278	-.00077	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00089	-.00159	-.00013	-.00332	.00154
SDev	.00019	.00001	.00199	.00015	.00046	.00153
%RSD	922.56	1.4210	125.22	116.63	13.863	99.677
#1	.00016	.00088	-.00300	-.00002	-.00364	.00262
#2	-.00011	.00090	-.00018	-.00024	-.00299	.00045

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43075	--	--	--	--	--	--
SDev	354.9676	--	--	--	--	--	--
%RSD	.8240687	--	--	--	--	--	--
#1	42824	--	--	--	--	--	--
#2	43326	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53726-a-1-d Operator: DCL
Run Time: 04/23/12 11:20:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01967	-.00270	.00186	.18106	-.00002	.02754	-.00021
SDev	.00462	.00545	.00232	.00109	.00004	.00015	.00007
%RSD	23.512	202.05	124.85	.60367	213.87	.55957	33.322
#1	.01640	-.00655	.00022	.18183	-.00004	.02743	-.00026
#2	.02294	.00116	.00350	.18028	.00001	.02765	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	166.55	-.00001	.00210	.00332	6.1583	.00171	.01130
SDev	.45	.00077	.00027	.00103	.0044	.00007	.00000
%RSD	.27169	10435.	12.689	31.013	.07094	3.9579	.02574
#1	166.87	-.00055	.00191	.00259	6.1614	.00166	.01130
#2	166.23	.00054	.00229	.00405	6.1552	.00176	.01130

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	3.9440	.21921	.00272	.01559	.85195	.45032
SDev	.00060	.0016	.00094	.00028	.00041	.03153	.00082
%RSD	67.306	.04174	.42717	10.256	2.6038	3.7009	.18117

#1	.00132	3.9428	.21987	.00292	.01530	.82965	.44974
#2	.00047	3.9452	.21854	.00253	.01587	.87424	.45090

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	2.7377	2.5166	.40854	-.00071	.00081	-.00127
SDev	.00052	.1759	.0120	.00290	.00071	.00143	.00024
%RSD	247.27	6.4239	.47802	.71012	99.989	176.49	19.101

#1	-.00016	2.6134	2.5251	.41059	-.00121	-.00020	-.00144
#2	.00057	2.8621	2.5081	.40648	-.00021	.00183	-.00110

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.24595	.01474	.00958	.00206	.00031
SDev	.00058	.00073	.00133	.00066	.00186	.00003
%RSD	190.87	.29720	9.0195	6.8921	90.284	9.3735

#1	-.00011	.24647	.01568	.00911	.00337	.00029
#2	.00071	.24544	.01380	.01005	.00074	.00033

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42316	--	--	--	--	--	--
SDev	85.55992	--	--	--	--	--	--
%RSD	.2021904	--	--	--	--	--	--

#1	42256	--	--	--	--	--	--
#2	42377	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53726-a-1-e ms Operator: DCL
Run Time: 04/23/12 11:24:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9697	1.0033	1.0216	1.1696	.50508	1.0407	.49388
SDev	.5472	.0498	.0500	.0603	.02723	.0514	.02624
%RSD	5.4885	4.9643	4.8946	5.1520	5.3905	4.9393	5.3121

#1	10.357	1.0385	1.0569	1.2122	.52433	1.0770	.51243
#2	9.5828	.96808	.98621	1.1270	.48583	1.0044	.47533

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	169.98	.98502	.98662	1.0101	16.096	.49476	1.0099
SDev	8.84	.05247	.05204	.0524	.867	.02530	.0366
%RSD	5.1981	5.3266	5.2747	5.1882	5.3857	5.1139	3.6235

#1	176.23	1.0221	1.0234	1.0472	16.709	.51265	1.0357
#2	163.73	.94792	.94982	.97305	15.483	.47687	.98399

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	1.0056	13.726	1.2069	1.0368	.99884	11.383	1.4150
SDev	.0379	.749	.0632	.0532	.05403	.675	.0757
%RSD	3.7726	5.4589	5.2402	5.1340	5.4091	5.9278	5.3513
#1	1.0324	14.256	1.2516	1.0745	1.0370	11.860	1.4685
#2	.97879	13.196	1.1622	.99920	.96063	10.905	1.3614

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51204	13.001	12.981	.89779	1.0302	.99484	1.0098
SDev	.02512	.642	.644	.04745	.0440	.05434	.0533
%RSD	4.9067	4.9417	4.9591	5.2854	4.2696	5.4626	5.2749
#1	.52980	13.455	13.436	.93134	1.0613	1.0333	1.0474
#2	.49427	12.547	12.526	.86424	.99907	.95642	.97211

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0141	1.2500	.99302	1.0183	.97183	1.0225
SDev	.0533	.0649	.02302	.0434	.01669	.0486
%RSD	5.2545	5.1933	2.3185	4.2599	1.7172	4.7494
#1	1.0518	1.2959	1.0093	1.0490	.98363	1.0568
#2	.97641	1.2041	.97674	.98762	.96003	.98817

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43225	--	--	--	--	--	--
SDev	1660.287	--	--	--	--	--	--
%RSD	3.841033	--	--	--	--	--	--
#1	42051	--	--	--	--	--	--
#2	44399	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 11:28:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4875	.50706	.51345	.50257	.50935	.51063	.51721
SDev	.0117	.00502	.00592	.00318	.00348	.00433	.00377
%RSD	.47021	.98927	1.1532	.63186	.68317	.84729	.72892
#1	2.4958	.51060	.51763	.50481	.51181	.51369	.51987
#2	2.4793	.50351	.50926	.50032	.50689	.50757	.51454

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.765	.50131	.50139	.50868	2.6476	.46701	.51004
SDev	.079	.00321	.00359	.00340	.0116	.00254	.00253
%RSD	.62265	.64055	.71529	.66898	.43660	.54323	.49705
#1	12.821	.50358	.50393	.51108	2.6558	.46880	.51183
#2	12.709	.49904	.49886	.50627	2.6394	.46522	.50824

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50881	5.1091	.49920	.51893	.50312	12.389	.97014
SDev	.00192	.0351	.00331	.00210	.00422	.058	.00411
%RSD	.37792	.68752	.66408	.40376	.83842	.46613	.42370
#1	.51017	5.1339	.50155	.52041	.50610	12.430	.97305
#2	.50745	5.0842	.49686	.51745	.50013	12.349	.96724

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25143	12.938	12.035	.25107	.53134	.50944	.51500
SDev	.00096	.045	.059	.00160	.00066	.00299	.00326
%RSD	.38197	.34955	.48752	.63730	.12360	.58769	.63314
#1	.25211	12.906	12.076	.25220	.53181	.51156	.51731
#2	.25075	12.970	11.993	.24993	.53088	.50732	.51270

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50951	.52229	.50089	.51461	.49113	.51770
SDev	.00394	.00293	.00310	.00225	.00925	.00174
%RSD	.77233	.56038	.61980	.43732	1.8835	.33619
#1	.51230	.52436	.50308	.51620	.49768	.51647
#2	.50673	.52022	.49869	.51302	.48459	.51893

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42684	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1109941	--	--	--	--	--	--
#1	42717	--	--	--	--	--	--
#2	42650	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 11:32:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01132	-.00122	.00005	.00001	-.00009	.00252	.00008
SDev	.00371	.00429	.00109	.00020	.00002	.00025	.00004

%RSD	32.810	350.94	2419.5	1740.6	27.158	9.8829	51.643
#1	.01395	.00181	.00082	.00015	-.00007	.00270	.00011
#2	.00870	-.00426	-.00073	-.00013	-.00010	.00234	.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	.00006	-.00015	-.00075	.00758	.00081	.00030
SDev	.00104	.00044	.00003	.00067	.00950	.00006	.00037
%RSD	55.433	738.90	19.873	88.668	125.31	7.5673	124.68

#1	-.00261	.00037	-.00017	-.00028	.00086	.00085	.00004
#2	-.00114	-.00025	-.00013	-.00122	.01430	.00076	.00056

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.06176	.00001	.00250	-.00008	.32368	-.00083
SDev	.00249	.00387	.00006	.00128	.00070	.03037	.00134
%RSD	528.54	6.2593	412.24	51.408	877.38	9.3833	161.55

#1	.00129	.06450	.00006	.00341	-.00058	.34515	.00012
#2	-.00223	.05903	-.00003	.00159	.00042	.30220	-.00177

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00861	.03330	-.00004	.00181	-.00009	.00004
SDev	.00053	.15051	.00217	.00005	.00244	.00047	.00011
%RSD	473.44	1748.5	6.5184	124.85	134.99	532.22	297.71

#1	-.00049	-.11503	.03483	-.00000	.00354	.00024	.00011
#2	.00026	.09782	.03176	-.00007	.00008	-.00042	-.00004

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00057	.00280	-.00096	-.00165	.00012
SDev	.00039	.00013	.00216	.00053	.00386	.00181
%RSD	365.47	22.064	77.168	55.167	234.35	1542.6

#1	.00017	.00066	.00127	-.00058	.00108	.00139
#2	-.00038	.00048	.00433	-.00133	-.00438	-.00116

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43153	--	--	--	--	--	--
SDev	168.2914	--	--	--	--	--	--
%RSD	.3899877	--	--	--	--	--	--

#1	43034	--	--	--	--	--	--
#2	43272	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53710-a-1-b Operator: DCL
Run Time: 04/23/12 11:35:53
Comment: TRACE 61E

Analysis Report 04/23/12 11:39:41 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02698	.00668	.00067	.07057	-.00011	.08979	.00113
SDev	.00208	.00124	.00051	.00329	.00002	.00397	.00015
%RSD	7.7232	18.550	76.421	4.6559	15.627	4.4234	13.070

#1	.02845	.00580	.00031	.07290	-.00012	.09260	.00124
#2	.02551	.00755	.00104	.06825	-.00009	.08698	.00103

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	184.63	.00029	.00191	.00026	.03078	.00116	.48331
SDev	8.73	.00003	.00003	.00025	.00799	.00034	.01803
%RSD	4.7276	10.259	1.6776	94.754	25.966	29.315	3.7305
#1	190.81	.00031	.00188	.00043	.03643	.00140	.49606
#2	178.46	.00027	.00193	.00009	.02513	.00092	.47057

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	.51575	.15858	.00082	.00158	.48306	.36897
SDev	.00348	.04765	.00740	.00017	.00020	.16653	.00004
%RSD	245.91	9.2393	4.6667	21.452	12.932	34.473	.00964
#1	-.00105	.54945	.16381	.00069	.00143	.60082	.36894
#2	.00388	.48206	.15334	.00094	.00172	.36531	.36899

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	5.8890	5.4855	.58386	-.00015	.00138	-.00126
SDev	.00003	.2208	.2557	.02841	.00160	.00048	.00001
%RSD	136.65	3.7498	4.6621	4.8661	1071.0	34.914	1.1722
#1	.00005	6.0451	5.6664	.60395	-.00128	.00172	-.00127
#2	.00000	5.7328	5.3047	.56377	.00098	.00104	-.00125

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00625	.47630	.48682	-.00101	.00263
SDev	.00026	.00043	.01766	.01821	.00479	.00283
%RSD	425.62	6.8967	3.7082	3.7415	473.22	107.53
#1	.00024	.00655	.48879	.49970	-.00440	.00063
#2	-.00012	.00594	.46381	.47394	.00238	.00463

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43143	--	--	--	--	--	--
SDev	1681.500	--	--	--	--	--	--
%RSD	3.897503	--	--	--	--	--	--
#1	41954	--	--	--	--	--	--
#2	44332	--	--	--	--	--	--

Analysis Report 04/23/12 11:39:41 AM page 15

Method: 20076010 Sample Name: 600-53716-a-1-b Operator: DCL
Run Time: 04/23/12 11:39:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01768	-.00129	.00192	.04934	-.00015	.00392	-.00001
SDev	.00112	.00268	.00032	.00089	.00002	.00001	.00001
%RSD	6.3514	207.04	16.516	1.8123	11.255	.23379	44.202
#1	.01847	-.00319	.00169	.04998	-.00017	.00391	-.00002
#2	.01688	.00060	.00214	.04871	-.00014	.00392	-.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	295.22	.00032	.00023	.09496	.01643	.00106	.40848
SDev	4.91	.00013	.00006	.00153	.00231	.00004	.00630
%RSD	1.6623	40.169	25.790	1.6151	14.076	3.4442	1.5434
#1	298.69	.00023	.00019	.09605	.01479	.00108	.41294
#2	291.75	.00041	.00027	.09388	.01807	.00103	.40402

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.06694	.00006	.03212	.01377	.43704	.03384
SDev	.00023	.00055	.00000	.00075	.00029	.01816	.00119
%RSD	34.922	.81604	1.5640	2.3330	2.1064	4.1553	3.5111
#1	.00050	.06732	.00006	.03265	.01397	.44988	.03468
#2	.00083	.06655	.00006	.03159	.01356	.42419	.03300

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	1.3578	1.2561	.37497	.00203	.00042	-.00216
SDev	.00040	.0343	.0221	.00677	.00029	.00014	.00005
%RSD	238.04	2.5285	1.7570	1.8059	14.330	32.915	2.3366
#1	-.00045	1.3821	1.2717	.37976	.00183	.00032	-.00213
#2	.00012	1.3335	1.2405	.37019	.00224	.00051	-.00220

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03239	.04394	.40129	.41208	-.00470	.00335
SDev	.00080	.00064	.00711	.00590	.00123	.00027
%RSD	2.4532	1.4680	1.7729	1.4315	26.054	7.9912
#1	.03296	.04440	.40632	.41625	-.00557	.00354
#2	.03183	.04349	.39626	.40790	-.00384	.00316

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41684	--	--	--	--	--	--

Analysis Report 04/23/12 11:43:32 AM page 16

SDev	342.2397	--	--	--	--	--	--
%RSD	.8210337	--	--	--	--	--	--
#1	41442	--	--	--	--	--	--
#2	41926	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-2-b Operator: DCL
Run Time: 04/23/12 11:43:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01914	.02886	.00204	.06356	-.00013	.03004	.02091
SDev	.00236	.00370	.00052	.00012	.00001	.00029	.00016
%RSD	12.333	12.835	25.498	.19029	6.3772	.97004	.75553

#1	.01747	.03148	.00240	.06364	-.00013	.03024	.02102
#2	.02081	.02624	.00167	.06347	-.00014	.02983	.02080

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	231.02	.00018	.00243	2.7127	.03254	.00228	1.1826
SDev	.88	.00019	.00022	.0083	.00988	.00009	.0024
%RSD	.37972	109.88	9.2604	.30462	30.362	4.0968	.20622

#1	231.64	.00032	.00259	2.7186	.03953	.00235	1.1844
#2	230.40	.00004	.00227	2.7069	.02556	.00222	1.1809

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00156	3.6980	.15384	.00737	.10346	.58639	1.4101
SDev	.00015	.0215	.00065	.00010	.00059	.03317	.0064
%RSD	9.7847	.58192	.42405	1.3175	.57308	5.6564	.45684

#1	.00145	3.7132	.15430	.00744	.10388	.60985	1.4146
#2	.00167	3.6827	.15338	.00730	.10304	.56294	1.4055

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	2.2558	1.5212	.31449	-.00187	.00046	-.00154
SDev	.00030	.2131	.0098	.00079	.00077	.00054	.00001
%RSD	593.73	9.4465	.64371	.25202	40.913	118.04	.41082

#1	.00026	2.4065	1.5281	.31505	-.00133	.00008	-.00154
#2	-.00016	2.1051	1.5142	.31393	-.00242	.00084	-.00155

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	7.6102	1.1588	1.1946	-.00203	.00336
SDev	.00014	.0234	.0050	.0012	.00032	.00039
%RSD	14.189	.30701	.43119	.09710	15.672	11.567

#1	.00105	7.6268	1.1623	1.1954	-.00181	.00308
#2	.00086	7.5937	1.1552	1.1937	-.00226	.00363

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41860	--	--	--	--	--	--
SDev	161.2203	--	--	--	--	--	--
%RSD	.3851418	--	--	--	--	--	--

#1	41746	--	--	--	--	--	--
#2	41974	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-2-c ms Operator: DCL
Run Time: 04/23/12 11:47:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	10.351	1.0891	1.0748	1.1049	.51412	1.0900	.53289
SDev	.115	.0122	.0129	.0137	.00620	.0129	.00660
%RSD	1.1134	1.1191	1.2037	1.2399	1.2069	1.1868	1.2380
#1	10.432	1.0977	1.0839	1.1146	.51851	1.0991	.53756
#2	10.269	1.0805	1.0656	1.0952	.50974	1.0809	.52823
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	240.21	1.0095	1.0099	3.7230	10.571	.52032	2.1835
SDev	2.61	.0110	.0124	.0483	.124	.00615	.0151
%RSD	1.0860	1.0857	1.2269	1.2981	1.1754	1.1809	.69160
#1	242.06	1.0173	1.0187	3.7571	10.659	.52466	2.1941
#2	238.37	1.0018	1.0012	3.6888	10.484	.51597	2.1728
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0315	13.930	1.1843	1.0823	1.1530	11.749	2.4812
SDev	.0044	.161	.0144	.0064	.0139	.148	.0281
%RSD	.43003	1.1564	1.2130	.58945	1.2050	1.2560	1.1306
#1	1.0346	14.044	1.1945	1.0868	1.1628	11.853	2.5011
#2	1.0283	13.817	1.1742	1.0778	1.1432	11.645	2.4614
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52960	12.999	12.574	.83970	1.0873	1.0306	1.0481
SDev	.00613	.087	.147	.01051	.0008	.0110	.0123
%RSD	1.1572	.67149	1.1721	1.2517	.07733	1.0669	1.1720
#1	.53394	13.061	12.678	.84713	1.0879	1.0384	1.0568
#2	.52527	12.938	12.470	.83227	1.0867	1.0228	1.0394
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.0431	8.4367	2.1325	2.2089	.98560	1.0544	
SDev	.0123	.0943	.0114	.0169	.00127	.0073	
%RSD	1.1780	1.1178	.53558	.76691	.12896	.69129	

#1	1.0517	8.5034	2.1406	2.2209	.98470	1.0595	
#2	1.0344	8.3700	2.1244	2.1969	.98649	1.0492	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42014	--	--	--	--	--	--
SDev	280.7214	--	--	--	--	--	--
%RSD	.6681536	--	--	--	--	--	--
#1	41816	--	--	--	--	--	--
#2	42213	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-2-d msd Operator: DCL
Run Time: 04/23/12 11:51:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.460	1.1059	1.0796	1.1188	.51986	1.1092	.53930
SDev	.030	.0065	.0021	.0026	.00129	.0032	.00142
%RSD	.28963	.58578	.19295	.22930	.24745	.28612	.26325
#1	10.482	1.1104	1.0781	1.1206	.52077	1.1115	.54031
#2	10.439	1.1013	1.0811	1.1170	.51895	1.1070	.53830

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	244.47	1.0195	1.0198	3.7773	10.698	.52719	2.2274
SDev	.64	.0033	.0022	.0114	.003	.00179	.0093
%RSD	.26001	.32565	.21769	.30253	.02693	.33879	.41958
#1	244.92	1.0218	1.0214	3.7854	10.701	.52845	2.2340
#2	244.02	1.0171	1.0182	3.7692	10.696	.52592	2.2208

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0458	14.110	1.1981	1.1064	1.1572	11.912	2.5196
SDev	.0040	.035	.0035	.0021	.0003	.044	.0078
%RSD	.38343	.24786	.29522	.18829	.02404	.37268	.30909
#1	1.0487	14.135	1.2006	1.1078	1.1570	11.943	2.5251
#2	1.0430	14.086	1.1956	1.1049	1.1574	11.880	2.5141

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53547	13.259	12.742	.85213	1.1054	1.0473	1.0657
SDev	.00138	.065	.042	.00189	.0001	.0037	.0024
%RSD	.25789	.49050	.33073	.22156	.00782	.35370	.22555
#1	.53644	13.305	12.772	.85346	1.1055	1.0499	1.0674
#2	.53449	13.213	12.712	.85079	1.1053	1.0446	1.0640

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 04/23/12 11:55:14 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0543	8.5749	2.1720	2.2551	1.0006	1.0684
SDev	.0024	.0214	.0059	.0111	.0061	.0030
%RSD	.23178	.24969	.27133	.49097	.61080	.27696
#1	1.0560	8.5901	2.1762	2.2630	1.0049	1.0705
#2	1.0526	8.5598	2.1679	2.2473	.99627	1.0664

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41682	--	--	--	--	--	--
SDev	78.48885	--	--	--	--	--	--
%RSD	.1883062	--	--	--	--	--	--
#1	41626	--	--	--	--	--	--
#2	41737	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-3-b Operator: DCL
Run Time: 04/23/12 11:55:17
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02600	-.00118	.00272	.06460	-.00016	.00617	.00007
SDev	.00622	.00235	.00066	.00192	.00002	.00028	.00004
%RSD	23.924	198.46	24.296	2.9668	13.894	4.5687	54.130
#1	.02160	.00048	.00226	.06324	-.00017	.00637	.00005
#2	.03040	-.00284	.00319	.06595	-.00014	.00597	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	292.82	.00052	.00022	.12601	.02320	.00107	.34076
SDev	8.48	.00005	.00050	.00443	.01947	.00035	.01214
%RSD	2.8966	9.8055	231.00	3.5179	83.893	32.936	3.5627
#1	286.82	.00049	-.00014	.12288	.00944	.00082	.33218
#2	298.81	.00056	.00057	.12915	.03697	.00132	.34934

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.07185	.00027	.03571	.01828	.37071	.02809
SDev	.00056	.02252	.00015	.00024	.00201	.14973	.00252
%RSD	49.874	31.350	54.919	.67918	11.002	40.389	8.9705
#1	.00073	.05592	.00017	.03588	.01686	.26484	.02631
#2	.00153	.08778	.00038	.03554	.01970	.47659	.02987

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.88509	.84941	.36193	.00556	.00167	-.00210
SDev	.00027	.18737	.03264	.01025	.00162	.00258	.00006
%RSD	154.42	21.170	3.8431	2.8331	29.207	154.03	2.6547

#1	-.00002	.75259	.82633	.35468	.00671	-.00015	-.00214
#2	.00036	1.0176	.87250	.36918	.00441	.00350	-.00206

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02637	.03977	.32986	.34621	-.00039	.00190
SDev	.00101	.00239	.01493	.01075	.00091	.00039
%RSD	3.8451	6.0029	4.5259	3.1038	231.30	20.648
#1	.02565	.03808	.31930	.33861	-.00104	.00162
#2	.02708	.04145	.34041	.35381	.00025	.00218

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41850	--	--	--	--	--	--
SDev	1317.340	--	--	--	--	--	--
%RSD	3.147803	--	--	--	--	--	--
#1	42781	--	--	--	--	--	--
#2	40918	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-4-b Operator: DCL

Run Time: 04/23/12 11:59:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02522	-.00123	.00030	.06078	-.00019	.00388	.00000
SDev	.00405	.00074	.00229	.00298	.00003	.00039	.00013
%RSD	16.042	59.796	765.42	4.9035	15.309	9.9898	3198.6
#1	.02808	-.00176	-.00132	.06289	-.00021	.00415	-.00008
#2	.02236	-.00071	.00191	.05867	-.00017	.00360	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	279.80	.00055	-.00005	.22216	.01563	.00079	1.2124
SDev	13.96	.00003	.00027	.01150	.00335	.00032	.0485
%RSD	4.9876	4.4514	575.94	5.1764	21.415	40.954	4.0033
#1	289.67	.00057	-.00024	.23029	.01327	.00102	1.2467
#2	269.93	.00053	.00014	.21402	.01800	.00056	1.1781

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	.05516	.00026	.02762	.01281	.25545	.03312
SDev	.00070	.02551	.00005	.00110	.00042	.16074	.00563
%RSD	30.406	46.247	17.792	3.9830	3.2493	62.925	17.000
#1	.00280	.07320	.00023	.02840	.01310	.36911	.03710
#2	.00181	.03712	.00029	.02684	.01251	.14179	.02914

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00032	.82130	.79075	.36651	-.00056	.00035	-.00205
SDev	.00008	.00200	.04804	.01841	.00072	.00025	.00002
%RSD	23.286	.24320	6.0758	5.0222	128.15	72.758	.81145
#1	-.00038	.81989	.82472	.37953	-.00108	.00017	-.00206
#2	-.00027	.82271	.75678	.35350	-.00005	.00052	-.00204

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02633	.09570	1.1804	1.2284	.00161	.00266
SDev	.00154	.00516	.0442	.0507	.00283	.00036
%RSD	5.8601	5.3915	3.7481	4.1258	176.14	13.646
#1	.02742	.09935	1.2117	1.2643	.00361	.00240
#2	.02524	.09205	1.1491	1.1926	-.00040	.00291

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42918	--	--	--	--	--	--
SDev	1682.914	--	--	--	--	--	--
%RSD	3.921232	--	--	--	--	--	--
#1	41728	--	--	--	--	--	--
#2	44108	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-5-b Operator: DCL
Run Time: 04/23/12 12:03:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02684	-.00068	.00008	.06283	-.00025	.00425	.00003
SDev	.00350	.00257	.00045	.00036	.00001	.00053	.00009
%RSD	13.044	380.88	574.42	.56924	3.8670	12.428	327.80
#1	.02436	-.00249	-.00024	.06258	-.00026	.00387	-.00004
#2	.02931	.00114	.00040	.06308	-.00025	.00462	.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	299.73	.00027	-.00035	.10353	-.00326	.00111	1.6675
SDev	1.78	.00003	.00052	.00089	.03374	.00003	.0010
%RSD	.59345	11.502	151.08	.86427	1033.9	2.9159	.06154
#1	298.47	.00030	-.00072	.10289	-.02712	.00108	1.6682
#2	300.99	.00025	.00002	.10416	.02059	.00113	1.6668

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.07796	.00006	.02797	.00730	.49197	.02830
SDev	.00220	.00281	.00008	.00097	.00011	.01180	.00171
%RSD	266.90	3.6054	135.43	3.4857	1.4987	2.3977	6.0465
#1	.00073	.07597	.00000	.02728	.00722	.48362	.02709

#2	-.00238	.07994	.00012	.02866	.00738	.50031	.02951

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00089	.67217	.82408	.39553	-.00180	-.00063	-.00228
SDev	.00035	.17215	.00511	.00240	.00078	.00180	.00004
%RSD	39.332	25.611	.61956	.60694	43.342	285.25	1.6581
#1	-.00113	.55044	.82047	.39384	-.00235	-.00191	-.00231
#2	-.00064	.79390	.82769	.39723	-.00125	.00064	-.00226

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02221	.06209	1.6224	1.6900	-.00270	.00011
SDev	.00011	.00031	.0055	.0043	.00216	.00438
%RSD	.47418	.50521	.33603	.25237	79.871	3843.4
#1	.02228	.06186	1.6186	1.6931	-.00422	.00321
#2	.02214	.06231	1.6263	1.6870	-.00117	-.00298

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41164	--	--	--	--	--	--
SDev	157.6848	--	--	--	--	--	--
%RSD	.3830695	--	--	--	--	--	--

#1	41275	--	--	--	--	--	--
#2	41052	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-6-b Operator: DCL
Run Time: 04/23/12 12:07:11
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03098	-.00438	.00180	.05254	-.00028	.00512	.00003
SDev	.00082	.00026	.00043	.00024	.00000	.00075	.00020
%RSD	2.6637	6.0247	23.803	.45703	.84542	14.684	788.18
#1	.03156	-.00456	.00211	.05271	-.00027	.00565	.00016
#2	.03039	-.00419	.00150	.05237	-.00028	.00459	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	294.29	.00040	.00048	.08497	.02137	.00101	.48511
SDev	1.81	.00038	.00008	.00065	.01005	.00008	.00512
%RSD	.61348	94.836	17.543	.76402	47.033	8.2830	1.0560
#1	295.56	.00067	.00042	.08543	.02848	.00107	.48873
#2	293.01	.00013	.00054	.08451	.01426	.00095	.48148

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	.07513	.00037	.02834	.01186	.43890	.02861

SDev	.00236	.00711	.00004	.00132	.00006	.04606	.00102
%RSD	70.694	9.4702	11.725	4.6696	.51953	10.495	3.5755
#1	.00500	.08016	.00040	.02927	.01190	.47147	.02933
#2	.00167	.07010	.00034	.02740	.01182	.40632	.02788

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.75504	.73226	.36674	.00112	.00166	-.00232
SDev	.00002	.07312	.00831	.00195	.00228	.00041	.00009
%RSD	13.840	9.6837	1.1345	.53222	204.15	24.494	4.0075
#1	.00018	.80674	.73813	.36812	-.00049	.00195	-.00225
#2	.00015	.70334	.72638	.36536	.00273	.00137	-.00239

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02409	.07515	.46963	.49284	.00341	.00330
SDev	.00041	.00025	.00829	.00354	.00125	.00416
%RSD	1.6873	.33694	1.7651	.71808	36.583	126.21
#1	.02437	.07533	.47549	.49535	.00253	.00624
#2	.02380	.07497	.46377	.49034	.00430	.00035

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41658	--	--	--	--	--	--

SDev	344.3610	--	--	--	--	--	--
%RSD	.8266483	--	--	--	--	--	--
#1	41414	--	--	--	--	--	--
#2	41901	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53716-a-7-b Operator: DCL
Run Time: 04/23/12 12:11:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03182	-.00079	.00075	.06687	-.00028	.00522	.00004
SDev	.00324	.00061	.00152	.00045	.00002	.00035	.00006
%RSD	10.187	77.992	202.17	.67498	5.3609	6.7718	145.40
#1	.02953	-.00035	-.00032	.06719	-.00029	.00497	.00008
#2	.03412	-.00122	.00182	.06655	-.00027	.00547	-.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	290.50	.00028	.00030	.12518	.01871	.00097	.73739
SDev	1.68	.00018	.00022	.00024	.00618	.00002	.00426
%RSD	.57881	63.389	72.012	.19392	33.026	1.9063	.57767
#1	291.69	.00016	.00015	.12536	.01434	.00095	.74040

#2	289.31	.00041	.00046	.12501	.02308	.00098	.73438

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00193	.06861	.00003	.02690	.01193	.36022	.03103
SDev	.00173	.00416	.00004	.00022	.00045	.00402	.00088
%RSD	89.553	6.0578	131.06	.80974	3.8014	1.1174	2.8219
#1	.00071	.06567	.00000	.02675	.01161	.35737	.03041
#2	.00316	.07155	.00006	.02705	.01226	.36306	.03165

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.81434	.78191	.35078	-.00159	.00163	-.00219
SDev	.00057	.18907	.00538	.00222	.00163	.00108	.00022
%RSD	1329.3	23.218	.68788	.63180	102.90	66.145	10.206
#1	-.00045	.68064	.78572	.35235	-.00274	.00087	-.00235
#2	.00036	.94803	.77811	.34921	-.00043	.00240	-.00203

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02105	.06168	.71262	.74977	.00321	.00130
SDev	.00012	.00020	.00281	.00499	.00062	.00291
%RSD	.57995	.33176	.39379	.66505	19.353	224.51
#1	.02097	.06182	.71460	.75330	.00365	-.00076
#2	.02114	.06153	.71063	.74625	.00277	.00335

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41666	--	--	--	--	--	--
SDev	21.92031	--	--	--	--	--	--
%RSD	.0526102	--	--	--	--	--	--
#1	41650	--	--	--	--	--	--
#2	41681	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 12:15:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4755	.50269	.51068	.50747	.49951	.51190	.52118
SDev	.0044	.00148	.00032	.00226	.00222	.00242	.00179
%RSD	.17927	.29378	.06196	.44529	.44417	.47308	.34320
#1	2.4787	.50165	.51091	.50907	.50108	.51361	.52244
#2	2.4724	.50374	.51046	.50587	.49794	.51019	.51991

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.713	.49393	.49378	.50322	2.6504	.47135	.50741
SDev	.007	.00145	.00214	.00194	.0041	.00163	.00134
%RSD	.05315	.29401	.43329	.38567	.15622	.34578	.26455
#1	12.718	.49495	.49530	.50459	2.6474	.47251	.50836
#2	12.708	.49290	.49227	.50185	2.6533	.47020	.50646

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50306	5.0595	.49595	.51455	.52947	12.501	.96112
SDev	.00096	.0172	.00201	.00345	.00117	.031	.00280
%RSD	.19002	.33985	.40493	.66965	.22106	.24402	.29077
#1	.50239	5.0717	.49737	.51211	.53029	12.523	.96310
#2	.50374	5.0473	.49453	.51698	.52864	12.480	.95914

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25175	12.936	12.097	.25418	.53392	.50030	.51405
SDev	.00088	.138	.049	.00101	.00705	.00556	.00186
%RSD	.34934	1.0648	.40327	.39569	1.3211	1.1123	.36113
#1	.25237	12.838	12.131	.25489	.52894	.50423	.51536
#2	.25113	13.033	12.063	.25347	.53891	.49636	.51273

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50400	.52296	.48901	.51661	.47134	.51899
SDev	.00134	.00186	.00047	.00225	.00214	.00036
%RSD	.26593	.35597	.09602	.43519	.45465	.06981
#1	.50495	.52427	.48868	.51820	.46982	.51873
#2	.50306	.52164	.48935	.51502	.47285	.51924

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42405	--	--	--	--	--	--
SDev	107.4802	--	--	--	--	--	--
%RSD	.2534612	--	--	--	--	--	--
#1	42481	--	--	--	--	--	--
#2	42329	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 12:19:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02580	-.00363	-.00098	-.00002	-.00028	.00088	.00001
SDev	.00160	.00042	.00278	.00001	.00001	.00005	.00000
%RSD	6.2126	11.484	282.81	51.172	2.9639	5.2324	17.964

#1	.02694	-.00334	.00098	-.00001	-.00029	.00091	.00001
#2	.02467	-.00393	-.00295	-.00002	-.00028	.00085	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	-.00050	-.00050	-.00211	-.00751	.00079	.00037
SDev	.00462	.00003	.00002	.00001	.00870	.00005	.00068
%RSD	519.68	6.5645	4.6969	.69177	115.95	6.0246	183.32
#1	-.00238	-.00053	-.00049	-.00210	-.00135	.00082	.00085
#2	.00415	-.00048	-.00052	-.00212	-.01366	.00075	-.00011

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.06549	-.00004	.00170	-.00014	.34866	-.00407
SDev	.00027	.00363	.00002	.00043	.00007	.02289	.00028
%RSD	64.118	5.5474	48.518	25.203	48.689	6.5657	6.9414
#1	.00023	.06806	-.00005	.00140	-.00009	.36484	-.00387
#2	.00061	.06292	-.00003	.00200	-.00019	.33247	-.00427

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	-.10725	.03319	-.00007	.00193	-.00119	-.00003
SDev	.00002	.04161	.00275	.00001	.00013	.00047	.00003
%RSD	2.0845	38.797	8.2719	21.377	6.9343	39.662	101.73
#1	-.00099	-.07783	.03513	-.00008	.00183	-.00085	-.00001
#2	-.00101	-.13668	.03125	-.00006	.00202	-.00152	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00114	.00069	.00021	-.00177	.00151
SDev	.00000	.00001	.00375	.00289	.00730	.00325
%RSD	15.729	.84209	540.28	1407.5	413.28	214.70

#1	-.00003	.00115	-.00196	.00225	-.00693	.00381
#2	-.00002	.00113	.00335	-.00184	.00340	-.00078

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42469	--	--	--	--	--	--
SDev	111.7229	--	--	--	--	--	--
%RSD	.2630692	--	--	--	--	--	--
#1	42390	--	--	--	--	--	--
#2	42548	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-77502/1-d Operator: DCL
Run Time: 04/23/12 12:23:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02945	-.00272	.00232	.00195	-.00029	.00272	-.00006
SDev	.00064	.00095	.00031	.00002	.00000	.00039	.00002
%RSD	2.1801	35.076	13.228	1.0064	.70874	14.429	36.527
#1	.02900	-.00340	.00211	.00193	-.00029	.00244	-.00005
#2	.02991	-.00205	.00254	.00196	-.00030	.00299	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17962	.00022	-.00003	-.00147	.00564	.00074	-.00003
SDev	.00145	.00009	.00022	.00005	.02775	.00003	.00022
%RSD	.80971	42.994	793.26	3.1541	491.68	4.6579	738.65
#1	.18065	.00015	-.00018	-.00151	-.01398	.00077	-.00019
#2	.17859	.00028	.00013	-.00144	.02526	.00072	.00013

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00271	.06747	.00014	.00067	-.00025	.33088	.01070
SDev	.00179	.00428	.00004	.00025	.00032	.01762	.00179
%RSD	66.306	6.3454	27.276	37.802	128.56	5.3262	16.776
#1	.00144	.07050	.00011	.00085	-.00002	.34334	.00943
#2	.00398	.06444	.00017	.00049	-.00048	.31842	.01197

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	.34478	.36106	.00028	-.00005	-.00036	.00011
SDev	.00079	.17936	.00642	.00000	.00051	.00070	.00001
%RSD	117.23	52.022	1.7781	1.5478	1001.3	195.55	4.2087
#1	-.00122	.21795	.36559	.00028	-.00042	-.00085	.00010
#2	-.00011	.47161	.35652	.00028	.00031	.00014	.00011

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	-.00124	.00014	-.00011	-.00200	.00506

SDev	.00005	.00011	.00297	.00181	.00040	.00289
%RSD	4.1467	8.8025	2115.3	1578.5	20.111	57.163
#1	.00124	-.00132	.00224	-.00140	-.00172	.00302
#2	.00131	-.00117	-.00196	.00117	-.00229	.00711

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42659	--	--	--	--	--	--
SDev	281.4285	--	--	--	--	--	--
%RSD	.6597166	--	--	--	--	--	--
#1	42460	--	--	--	--	--	--
#2	42858	--	--	--	--	--	--

04/23/12 12:30:58 PM page 28

Method: 20076010 Sample Name: 600-52933-b-14-e Operator: DCL
Run Time: 04/23/12 12:27:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78320	-.00396	.00070	.00642	-.00031	.01761	-.00008
SDev	.00055	.00068	.00212	.00005	.00001	.00161	.00012
%RSD	.06997	17.178	303.49	.81709	2.2658	9.1667	158.57
#1	.78359	-.00444	.00220	.00639	-.00032	.01647	-.00016
#2	.78281	-.00348	-.00080	.00646	-.00031	.01875	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65494	.00057	-.00001	-.00192	.41202	.00119	.00067
SDev	.00038	.00005	.00003	.00029	.00690	.00003	.00032
%RSD	.05774	8.2826	237.08	15.126	1.6758	2.2667	48.081
#1	.65521	.00060	.00001	-.00213	.40714	.00117	.00090
#2	.65467	.00054	-.00003	-.00172	.41690	.00121	.00044

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	.22729	.00386	.00054	-.00016	.72350	2.0485
SDev	.00286	.00069	.00001	.00034	.00043	.00628	.0008
%RSD	391.13	.30549	.12143	63.012	268.96	.86731	.04130
#1	-.00276	.22680	.00386	.00078	.00014	.71907	2.0491
#2	.00129	.22779	.00387	.00030	-.00046	.72794	2.0479

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	2.9216	2.6768	.00109	-.00293	-.00008	.01761
SDev	.00039	.1089	.0047	.00003	.00013	.00114	.00029
%RSD	90.690	3.7267	.17574	2.7908	4.3956	1359.5	1.6588
#1	-.00071	2.8446	2.6801	.00107	-.00284	-.00089	.01740
#2	-.00015	2.9986	2.6735	.00111	-.00302	.00072	.01782

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.00062	.00238	-.00018	-.00170	-.00025
SDev	.00019	.00011	.00047	.00072	.00328	.00266
%RSD	20.788	16.989	19.702	398.53	192.56	1078.5
#1	.00078	.00055	.00205	.00033	-.00403	-.00212
#2	.00105	.00069	.00271	-.00069	.00062	.00163

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42432	--	--	--	--	--	--
SDev	50.91169	--	--	--	--	--	--
%RSD	.1199842	--	--	--	--	--	--

#1	42468	--	--	--	--	--	--
#2	42396	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52933-b-14-g ms Operator: DCL
Run Time: 04/23/12 12:31:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.777	1.0434	1.0443	1.0491	.50503	1.0675	.52938
SDev	.006	.0023	.0064	.0029	.00128	.0014	.00097
%RSD	.05491	.22291	.61421	.27461	.25265	.13091	.18361
#1	10.773	1.0418	1.0398	1.0471	.50412	1.0665	.52869
#2	10.781	1.0451	1.0489	1.0512	.50593	1.0684	.53007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.919	1.0023	1.0022	1.0186	11.055	.48487	1.0224
SDev	.023	.0020	.0021	.0008	.037	.00002	.0007
%RSD	.21411	.19786	.21299	.07381	.33335	.00343	.07308
#1	10.903	1.0009	1.0006	1.0181	11.029	.48486	1.0229
#2	10.936	1.0037	1.0037	1.0191	11.081	.48489	1.0218

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99921	10.388	1.0222	1.0662	1.0923	10.738	3.1671
SDev	.00252	.015	.0018	.0079	.0005	.016	.0048
%RSD	.25260	.14687	.17366	.73939	.04689	.15209	.15232
#1	1.0010	10.378	1.0210	1.0606	1.0920	10.750	3.1637
#2	.99742	10.399	1.0235	1.0718	1.0927	10.727	3.1705

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51795	13.193	12.819	.52585	1.0949	1.0093	1.0604
SDev	.00066	.147	.018	.00111	.0051	.0010	.0024
%RSD	.12702	1.1152	.13791	.21121	.46495	.09447	.22681
#1	.51749	13.297	12.831	.52506	1.0913	1.0086	1.0587

#2	.51842	13.088	12.806	.52663	1.0985	1.0100	1.0621

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0203	1.0631	.98335	1.0419	.93765	1.0300
SDev	.0020	.0013	.00146	.0019	.00304	.0053
%RSD	.19772	.12139	.14829	.17755	.32396	.51502
#1	1.0189	1.0621	.98232	1.0432	.93550	1.0337
#2	1.0218	1.0640	.98438	1.0406	.93980	1.0262

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42579	--	--	--	--	--	--
SDev	72.12489	--	--	--	--	--	--
%RSD	.1693908	--	--	--	--	--	--
#1	42528	--	--	--	--	--	--
#2	42630	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-52933-b-14-h msd Operator: DCL
Run Time: 04/23/12 12:34:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.887	1.0556	1.0525	1.0712	.50881	1.0812	.53377
SDev	.055	.0032	.0045	.0045	.00284	.0046	.00357
%RSD	.50071	.29865	.43049	.42471	.55748	.42704	.66885
#1	10.925	1.0578	1.0557	1.0744	.51082	1.0845	.53629
#2	10.848	1.0534	1.0493	1.0680	.50681	1.0780	.53124

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.004	1.0100	1.0096	1.0268	11.170	.49050	1.0319
SDev	.069	.0064	.0058	.0044	.088	.00294	.0083
%RSD	.62753	.63232	.57690	.43117	.78356	.59928	.80904
#1	11.053	1.0145	1.0137	1.0299	11.232	.49258	1.0378
#2	10.955	1.0055	1.0055	1.0236	11.108	.48842	1.0260

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0112	10.449	1.0304	1.0840	1.1043	10.830	3.2282
SDev	.0051	.076	.0059	.0010	.0078	.084	.0180
%RSD	.50117	.72711	.57179	.09049	.70243	.77993	.55840
#1	1.0148	10.503	1.0346	1.0833	1.1097	10.890	3.2409
#2	1.0076	10.395	1.0262	1.0847	1.0988	10.770	3.2154

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52312	13.377	12.973	.53166	1.1066	1.0200	1.0811
SDev	.00338	.402	.064	.00230	.0022	.0088	.0050

%RSD	.64700	3.0071	.49599	.43317	.20182	.85929	.46590
#1	.52552	13.662	13.019	.53328	1.1082	1.0262	1.0846
#2	.52073	13.093	12.928	.53003	1.1050	1.0138	1.0775

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0288	1.0728	.98906	1.0534	.94645	1.0436
SDev	.0057	.0057	.00792	.0086	.01221	.0015
%RSD	.55364	.53321	.80103	.81280	1.2901	.14341
#1	1.0328	1.0769	.99466	1.0594	.95508	1.0446

#2	1.0248	1.0688	.98345	1.0473	.93781	1.0425

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42441	--	--	--	--	--	--
SDev	342.2397	--	--	--	--	--	--
%RSD	.8063893	--	--	--	--	--	--
#1	42199	--	--	--	--	--	--
#2	42683	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53708-b-1-f Operator: DCL
Run Time: 04/23/12 12:38:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8416	-.00004	.00159	.01088	-.00028	.01484	.00012
SDev	.0297	.00105	.00018	.00024	.00002	.00146	.00016
%RSD	1.6136	2466.2	11.369	2.2132	5.2914	9.8377	141.86
#1	1.8626	.00070	.00146	.01105	-.00027	.01587	.00023
#2	1.8206	-.00078	.00171	.01071	-.00030	.01380	-.00000

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91873	.00191	.00073	-.00113	.78841	.00173	.00072
SDev	.00956	.00052	.00043	.00075	.02041	.00012	.00003
%RSD	1.0410	27.425	58.734	66.554	2.5894	6.8156	4.8148
#1	.92549	.00228	.00103	-.00060	.80284	.00181	.00070
#2	.91196	.00154	.00043	-.00166	.77397	.00164	.00075

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.23616	.00295	.00403	.00054	.46173	2.8642
SDev	.00072	.00853	.00012	.00175	.00049	.04206	.0412
%RSD	77.782	3.6127	4.0366	43.497	89.731	9.1105	1.4393
#1	.00145	.24220	.00304	.00527	.00089	.49147	2.8933
#2	.00042	.23013	.00287	.00279	.00020	.43198	2.8350

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00024	3.4084	3.0221	.00350	.00282	-.00026	.06237
SDev	.00007	.1442	.0331	.00008	.00200	.00088	.00141
%RSD	30.432	4.2300	1.0954	2.2703	71.053	335.79	2.2648
#1	.00019	3.5104	3.0455	.00356	.00424	.00036	.06336
#2	.00030	3.3065	2.9987	.00345	.00140	-.00089	.06137

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00286	-.00032	.00327	-.00055	.00090	.00095

SDev	.00049	.00008	.00024	.00017	.00147	.00182
%RSD	17.021	26.298	7.2927	31.032	162.94	192.35
#1	.00320	-.00026	.00344	-.00067	-.00014	.00224
#2	.00251	-.00038	.00310	-.00043	.00194	-.00034

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42530	--	--	--	--	--	--
SDev	300.5204	--	--	--	--	--	--
%RSD	.7065997	--	--	--	--	--	--
#1	42318	--	--	--	--	--	--
#2	42743	--	--	--	--	--	--

Method: 20076010 Sample Name: lb 600-77621/1-b Operator: DCL
Run Time: 04/23/12 12:42:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04244	-.00038	.00066	.00674	-.00042	.01126	-.00011
SDev	.00597	.00444	.00316	.00020	.00001	.00106	.00017
%RSD	14.061	1153.4	481.92	2.9385	2.6083	9.4101	156.40
#1	.04666	.00275	.00289	.00688	-.00041	.01201	-.00023
#2	.03822	-.00352	-.00158	.00660	-.00043	.01051	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06417	.00031	-.00042	-.00020	.00887	.00111	.00118
SDev	.00051	.00045	.00048	.00085	.02292	.00002	.00076
%RSD	.79342	143.83	112.98	428.53	258.47	1.5441	64.471
#1	.06453	.00063	-.00076	.00040	-.00734	.00113	.00064
#2	.06381	-.00001	-.00009	-.00080	.02508	.00110	.00172

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	.08856	.00020	.00095	-.00019	.47205	.01254
SDev	.00142	.00819	.00004	.00081	.00060	.03649	.00543
%RSD	416.56	9.2474	20.947	85.832	322.28	7.7309	43.284
#1	.00066	.09435	.00023	.00037	-.00061	.49785	.01638
#2	-.00134	.08277	.00017	.00152	.00024	.44624	.00870

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	177.97	137.53	.00014	-.00485	.00074	-.00009
SDev	.00046	1.47	1.01	.00005	.00129	.00148	.00019
%RSD	87.507	.82776	.73512	33.400	26.632	200.90	222.03
#1	-.00085	179.01	138.25	.00017	-.00576	.00178	.00005
#2	-.00020	176.93	136.82	.00010	-.00393	-.00031	-.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00191	.00602	-.00124	-.00326	.00112
SDev	.00052	.00024	.00180	.00204	.00036	.00194
%RSD	836.02	12.647	29.899	165.41	11.058	173.31
#1	.00043	.00208	.00729	-.00268	-.00301	.00250
#2	-.00031	.00174	.00475	.00021	-.00352	-.00025

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41280	--	--	--	--	--	--
SDev	347.1894	--	--	--	--	--	--
%RSD	.8410495	--	--	--	--	--	--
#1	41035	--	--	--	--	--	--
#2	41526	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53219-a-1-e Operator: DCL
Run Time: 04/23/12 12:46:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13680	.00023	-.00007	.07710	-.00045	.32662	.00014
SDev	.00247	.00166	.00069	.00008	.00000	.00121	.00006
%RSD	1.8042	710.57	945.36	.10458	.81920	.36933	40.393
#1	.13854	-.00094	-.00056	.07716	-.00046	.32576	.00010
#2	.13505	.00141	.00041	.07704	-.00045	.32747	.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.349	.00119	.00056	.00896	1.2076	.00224	.00664
SDev	.042	.00001	.00003	.00016	.0148	.00009	.00056
%RSD	.37219	1.0252	5.1412	1.7716	1.2272	3.8547	8.4066
#1	11.379	.00120	.00054	.00907	1.2181	.00230	.00624
#2	11.319	.00118	.00058	.00885	1.1971	.00218	.00703

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	.74227	.05052	.00681	.00514	1.2837	3.4234
SDev	.00005	.01193	.00023	.00030	.00065	.0551	.0043
%RSD	2.8916	1.6070	.45168	4.3397	12.554	4.2951	.12617
#1	.00174	.75071	.05068	.00702	.00560	1.3227	3.4265

#2	.00181	.73384	.05036	.00660	.00469	1.2447	3.4204

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	72.705	62.696	.02699	-.00278	.00159	.00507
SDev	.00047	.140	.202	.00007	.00499	.00147	.00006

Analysis Report 04/23/12 12:50:48 PM page 34

%RSD	328.20	.19279	.32187	.24486	179.15	92.724	1.1745
#1	.00019	72.804	62.553	.02704	-.00631	.00263	.00511
#2	-.00047	72.606	62.838	.02694	.00074	.00055	.00502

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	.57797	.00814	.00588	-.00331	.00432
SDev	.00015	.00151	.00030	.00069	.00087	.00036
%RSD	8.8662	.26123	3.7046	11.660	26.340	8.3027
#1	.00179	.57904	.00793	.00540	-.00392	.00457
#2	.00158	.57690	.00835	.00637	-.00269	.00406

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41783	--	--	--	--	--	--
SDev	403.0509	--	--	--	--	--	--
%RSD	.9646288	--	--	--	--	--	--
#1	41498	--	--	--	--	--	--
#2	42068	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53560-a-1-e Operator: DCL
Run Time: 04/23/12 12:50:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8621	.98389	1.0214	1.0341	.48024	1.0379	.50718
SDev	.0505	.00295	.0060	.0057	.00287	.0045	.00241
%RSD	.51243	.29992	.59193	.55235	.59804	.43289	.47409
#1	9.8978	.98598	1.0256	1.0382	.48227	1.0411	.50888
#2	9.8264	.98180	1.0171	1.0301	.47821	1.0347	.50548

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.464	.96156	.95056	.99023	10.613	1.0477	.99663
SDev	.486	.00590	.00588	.00561	.074	.0067	.00346
%RSD	.62701	.61406	.61847	.56657	.70060	.63929	.34681
#1	77.807	.96573	.95472	.99420	10.666	1.0525	.99908
#2	77.120	.95738	.94640	.98626	10.561	1.0430	.99419

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98247	10.135	1.2305	1.0193	1.0401	12.965	1.2817
SDev	.00056	.069	.0067	.0031	.0081	.093	.0079
%RSD	.05743	.67682	.54722	.30174	.77863	.71693	.61975

#1	.98207	10.183	1.2353	1.0215	1.0458	13.030	1.2873
#2	.98286	10.086	1.2258	1.0171	1.0343	12.899	1.2761

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50156	198.38	153.21	.65124	1.0782	.96881	1.0042
SDev	.00369	1.99	1.27	.00340	.0084	.00565	.0048
%RSD	.73500	1.0037	.82908	.52276	.77769	.58323	.47794
#1	.50416	199.79	154.11	.65364	1.0842	.97280	1.0076
#2	.49895	196.97	152.32	.64883	1.0723	.96481	1.0008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98061	1.3366	.95098	1.0195	.91774	1.0148
SDev	.00583	.0073	.01013	.0001	.00815	.0049
%RSD	.59465	.54875	1.0657	.01150	.88848	.48514
#1	.98474	1.3418	.95814	1.0195	.92350	1.0114
#2	.97649	1.3314	.94381	1.0194	.91197	1.0183

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41533	--	--	--	--	--	--
SDev	135.7645	--	--	--	--	--	--
%RSD	.3268834	--	--	--	--	--	--
#1	41437	--	--	--	--	--	--
#2	41629	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53560-a-1-e@5 Operator: DCL
Run Time: 04/23/12 12:54:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04543	.00147	.00056	.00658	-.00042	.00626	-.00006
SDev	.00300	.00200	.00042	.00009	.00003	.00021	.00002
%RSD	6.6043	136.24	74.112	1.4007	7.4610	3.3755	35.246
#1	.04331	.00288	.00085	.00652	-.00045	.00641	-.00007
#2	.04755	.00005	.00027	.00665	-.00040	.00611	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.787	.00020	.00004	-.00178	.09523	.00127	.00050
SDev	.056	.00029	.00048	.00038	.00994	.00009	.00144
%RSD	.40422	146.12	1134.3	21.109	10.441	7.0067	288.99
#1	13.826	-.00001	-.00030	-.00205	.08820	.00121	-.00052
#2	13.747	.00041	.00038	-.00151	.10226	.00133	.00152

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.16255	.05106	.00314	.00047	.50901	.05277

SDev	.00485	.00513	.00008	.00056	.00013	.03513	.00064
%RSD	1202.4	3.1536	.15900	17.722	26.638	6.9011	1.2172

#1	.00384	.15892	.05111	.00353	.00038	.48417	.05322
#2	-.00303	.16617	.05100	.00274	.00056	.53385	.05231

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	32.568	28.994	.03034	-.00107	.00081	-.00001
SDev	.00046	.079	.159	.00006	.00373	.00237	.00014
%RSD	268.22	.24263	.54898	.18735	347.70	294.35	931.83

#1	-.00050	32.623	29.107	.03038	-.00371	-.00087	-.00011
#2	.00016	32.512	28.882	.03030	.00157	.00249	.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.06021	.00042	.00054	-.00522	.00322
SDev	.00019	.00017	.00121	.00156	.00682	.00387
%RSD	327.82	.28607	286.33	290.04	130.52	120.31

#1	-.00019	.06033	-.00043	-.00056	-.00040	.00595
#2	.00008	.06009	.00128	.00164	-.01004	.00048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42162	--	--	--	--	--	--
SDev	243.2447	--	--	--	--	--	--
%RSD	.5769289	--	--	--	--	--	--

#1	42334	--	--	--	--	--	--
#2	41990	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 12:58:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4514	.50744	.50453	.50864	.48805	.51296	.52293
SDev	.0025	.00061	.00173	.00036	.00008	.00057	.00014
%RSD	.10147	.11955	.34244	.07063	.01585	.11130	.02702

#1	2.4496	.50787	.50331	.50889	.48810	.51256	.52283
#2	2.4531	.50701	.50575	.50838	.48799	.51337	.52303

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.571	.48460	.48357	.49349	2.6447	.47314	.50070
SDev	.011	.00001	.00081	.00005	.0234	.00058	.00127
%RSD	.08608	.00119	.16830	.00931	.88584	.12337	.25448

#1	12.563	.48461	.48299	.49352	2.6281	.47272	.49980
#2	12.578	.48460	.48414	.49345	2.6612	.47355	.50160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 04/23/12 01:02:44 PM page 37

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49264	4.9878	.48908	.51500	.52945	12.561	.94912
SDev	.00434	.0106	.00027	.00042	.00067	.034	.00347
%RSD	.88022	.21190	.05546	.08073	.12555	.26783	.36528
#1	.48957	4.9803	.48928	.51470	.52992	12.538	.94667
#2	.49571	4.9952	.48889	.51529	.52898	12.585	.95158

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24989	12.944	12.112	.25558	.54103	.49228	.50977
SDev	.00037	.063	.008	.00023	.00210	.00017	.00018
%RSD	.14927	.48503	.06536	.09120	.38774	.03403	.03629
#1	.24963	12.900	12.107	.25575	.53955	.49216	.50964
#2	.25015	12.989	12.118	.25542	.54252	.49240	.50990

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49655	.52451	.47653	.51279	.45718	.51042
SDev	.00067	.00011	.00180	.00281	.00128	.00587
%RSD	.13520	.02056	.37777	.54825	.27990	1.1490
#1	.49608	.52443	.47780	.51080	.45628	.50628
#2	.49703	.52459	.47525	.51478	.45809	.51457

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42028	--	--	--	--	--	--
SDev	229.1026	--	--	--	--	--	--
%RSD	.5451190	--	--	--	--	--	--
#1	42190	--	--	--	--	--	--
#2	41866	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 13:02:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04504	-.00142	-.00054	.00007	-.00047	.00198	-.00005
SDev	.00807	.00412	.00075	.00023	.00002	.00193	.00013
%RSD	17.912	290.48	139.46	345.82	3.9026	97.533	274.96
#1	.03934	-.00434	-.00106	-.00010	-.00048	.00061	-.00014
#2	.05075	.00150	-.00001	.00023	-.00046	.00334	.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01015	.00027	-.00054	-.00242	-.00098	.00100	-.00024
SDev	.00135	.00137	.00071	.00066	.04016	.00006	.00069
%RSD	13.275	501.12	129.83	27.056	4087.5	6.2814	283.13

Analysis Report 04/23/12 01:06:44 PM page 38

#1	-.01110	-.00069	-.00104	-.00288	-.02938	.00096	.00024
#2	-.00919	.00124	-.00004	-.00196	.02741	.00105	-.00073

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00236	.07717	.00003	.00171	-.00015	.42582	-.00435
SDev	.00072	.00778	.00020	.00018	.00072	.04119	.00662
%RSD	30.423	10.076	655.31	10.489	495.32	9.6728	152.08

#1	.00185	.07167	-.00011	.00184	-.00065	.39669	-.00903
#2	.00286	.08267	.00017	.00158	.00036	.45494	.00033

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.02037	.04219	-.00007	.00221	-.00072	-.00008
SDev	.00136	.35033	.00436	.00011	.00049	.00069	.00034
%RSD	429.00	1719.6	10.334	144.07	22.338	95.151	438.66

#1	-.00128	-.26809	.03911	-.00015	.00256	-.00121	-.00032
#2	.00065	.22734	.04528	.00000	.00186	-.00024	.00016

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00053	.00205	-.00139	.00293	.00207
SDev	.00124	.00019	.00242	.00225	.00132	.00042
%RSD	598.31	36.418	118.14	161.58	44.989	20.135

#1	-.00067	.00039	.00034	.00020	.00200	.00178
#2	.00109	.00066	.00376	-.00298	.00386	.00237

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41742	--	--	--	--	--	--
SDev	154.8564	--	--	--	--	--	--
%RSD	.3709890	--	--	--	--	--	--

#1	41851	--	--	--	--	--	--
#2	41632	--	--	--	--	--	--

Analysis Report 04/23/12 01:27:11 PM page 1

Method: 20076010 Sample Name: mb 600-77700/1-a Operator: DCL
Run Time: 04/23/12 13:23:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06694	-.00334	.00121	.00026	-.00059	.00178	-.00002
SDev	.00027	.00035	.00103	.00007	.00000	.00081	.00014
%RSD	.40421	10.551	84.938	27.292	.53061	45.710	900.57

#1	.06675	-.00309	.00048	.00021	-.00059	.00236	.00008
#2	.06713	-.00359	.00194	.00031	-.00060	.00121	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.03844	.00012	.00033	-.00184	.03516	.00108	.00012
SDev	.00087	.00024	.00041	.00007	.00588	.00001	.00074
%RSD	2.2645	202.25	125.23	3.7567	16.722	1.1001	618.19
#1	.03782	-.00005	.00061	-.00189	.03932	.00109	-.00040
#2	.03905	.00029	.00004	-.00179	.03101	.00107	.00064

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.08380	.00010	.00052	.00004	.41203	-.00070
SDev	.00106	.00059	.00006	.00081	.00005	.00051	.00072
%RSD	82.870	.70457	59.213	156.95	113.04	.12373	102.87
#1	.00053	.08422	.00006	.00109	.00001	.41239	-.00019
#2	.00203	.08339	.00014	-.00006	.00007	.41167	-.00120

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.15432	.03944	.00022	-.00007	.00213	-.00003
SDev	.00037	.13283	.00010	.00002	.00090	.00172	.00020
%RSD	106.94	86.075	.25658	7.0869	1244.7	80.648	735.88
#1	.00061	.24825	.03951	.00023	.00056	.00335	-.00017
#2	.00008	.06040	.03937	.00021	-.00071	.00092	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00032	.00233	-.00098	.00041	.00172
SDev	.00007	.00006	.00117	.00053	.00187	.00253
%RSD	72.628	20.109	50.443	53.443	460.66	147.04
#1	.00015	-.00028	.00150	-.00136	.00173	-.00007
#2	.00005	-.00037	.00316	-.00061	-.00092	.00351

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41822	--	--	--	--	--	--
SDev	125.1579	--	--	--	--	--	--
%RSD	.2992597	--	--	--	--	--	--

#1	41734	--	--	--	--	--	--
#2	41911	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-77700/2-a Operator: DCL
Run Time: 04/23/12 13:27:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9273	1.0512	1.0432	1.0630	.49232	1.0517	.53729
SDev	.0371	.0009	.0028	.0033	.00123	.0022	.00116
%RSD	.37347	.08425	.26572	.31082	.25084	.20774	.21622
#1	9.9536	1.0506	1.0451	1.0653	.49319	1.0533	.53811
#2	9.9011	1.0518	1.0412	1.0607	.49144	1.0502	.53647

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.274	.99167	.98873	1.0107	10.737	.49122	1.0225
SDev	.030	.00295	.00238	.0044	.003	.00147	.0038
%RSD	.29183	.29764	.24103	.43703	.02434	.29982	.37309
#1	10.295	.99376	.99041	1.0138	10.739	.49226	1.0252
#2	10.252	.98958	.98704	1.0076	10.735	.49018	1.0198

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98747	10.137	1.0151	1.0651	1.0938	10.737	.97738
SDev	.00497	.026	.0028	.0018	.0040	.038	.00055
%RSD	.50334	.25389	.27333	.17034	.36977	.35208	.05592
#1	.98395	10.156	1.0170	1.0638	1.0966	10.764	.97776
#2	.99098	10.119	1.0131	1.0664	1.0909	10.711	.97699

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52139	10.159	10.110	.53676	1.1270	.99310	1.0401
SDev	.00157	.179	.050	.00199	.0025	.00086	.0025
%RSD	.30049	1.7635	.49719	.37006	.22595	.08704	.24186
#1	.52250	10.032	10.145	.53817	1.1252	.99249	1.0419
#2	.52028	10.286	10.074	.53536	1.1288	.99371	1.0383

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0143	1.0763	.95967	1.0539	.90342	1.0295
SDev	.0035	.0038	.00168	.0049	.00882	.0030
%RSD	.34935	.35432	.17523	.46318	.97654	.29571
#1	1.0168	1.0790	.96086	1.0573	.89718	1.0273
#2	1.0118	1.0736	.95848	1.0504	.90966	1.0316

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 01:31:02 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41258	--	--	--	--	--	--
SDev	11.31371	--	--	--	--	--	--
%RSD	.0274219	--	--	--	--	--	--
#1	41266	--	--	--	--	--	--
#2	41250	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-1-b Operator: DCL
Run Time: 04/23/12 13:31:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23198	.00001	.05737	.09842	-.00064	.61882	-.00013
SDev	.00094	.00222	.00005	.00018	.00001	.00132	.00015
%RSD	.40655	30230.	.08856	.17940	1.0284	.21380	115.25

#1	.23265	.00158	.05741	.09855	-.00065	.61976	-.00024
#2	.23132	-.00156	.05734	.09830	-.00064	.61789	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.686	.00065	-.00010	-.00219	2.9665	.01759	.00021
SDev	.221	.00027	.00008	.00016	.0012	.00009	.00080
%RSD	.28480	41.651	84.472	7.3514	.03972	.52822	386.30
#1	77.842	.00046	-.00004	-.00231	2.9656	.01752	.00077
#2	77.530	.00084	-.00016	-.00208	2.9673	.01765	-.00036

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	62.416	.08681	.01227	.00034	1.5567	10.305
SDev	.00105	.163	.00022	.00206	.00053	.0229	.037
%RSD	95.387	.26079	.24963	16.797	157.29	1.4721	.36293
#1	.00184	62.531	.08696	.01373	-.00004	1.5729	10.332
#2	.00036	62.301	.08666	.01081	.00072	1.5405	10.279

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	663.92	399.33	1.0148	.00426	-.00003	.00507
SDev	.00042	2.06	1.77	.0028	.00302	.00267	.00081
%RSD	51.718	.31094	.44396	.27641	70.950	10464.	16.011
#1	-.00111	665.38	400.59	1.0168	.00640	-.00191	.00565
#2	-.00052	662.46	398.08	1.0128	.00212	.00186	.00450

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00289	.00162	-.00050	-.00038	.00184
SDev	.00005	.00142	.00000	.00119	.00252	.00031
%RSD	21.864	49.266	.26271	238.26	663.73	16.985
#1	.00019	.00188	.00163	.00034	.00140	.00206

#2	.00025	.00389	.00162	-.00135	-.00216	.00162

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39826	--	--	--	--	--	--
SDev	156.2706	--	--	--	--	--	--
%RSD	.3923883	--	--	--	--	--	--
#1	39715	--	--	--	--	--	--
#2	39936	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-2-b Operator: DCL
Run Time: 04/23/12 13:34:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2788	-.00173	.07722	.22730	-.00051	.51928	-.00016

SDev	.0125	.00321	.00022	.00068	.00000	.00120	.00009
%RSD	.38202	185.23	.27974	.29710	.33780	.23005	54.915
#1	3.2877	-.00400	.07707	.22778	-.00051	.52012	-.00022
#2	3.2700	.00054	.07737	.22682	-.00050	.51843	-.00010
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	60.854	.00311	.00097	.00077	3.5874	.02038	.00117
SDev	.216	.00001	.00017	.00002	.0158	.00014	.00073
%RSD	.35546	.43252	17.605	2.8639	.44064	.68730	62.653
#1	61.007	.00310	.00109	.00079	3.5986	.02047	.00168
#2	60.701	.00311	.00085	.00076	3.5762	.02028	.00065
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00300	44.371	.18692	.00825	.00272	2.2550	15.828
SDev	.00097	.157	.00044	.00034	.00037	.0376	.035
%RSD	32.489	.35404	.23710	4.0979	13.563	1.6686	.22376
#1	.00231	44.482	.18724	.00849	.00246	2.2816	15.853
#2	.00369	44.260	.18661	.00801	.00298	2.2284	15.803
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	507.86	324.13	.78068	.00012	.00137	.12390
SDev	.00023	2.65	1.68	.00247	.00078	.00115	.00015
%RSD	257.07	.52206	.51791	.31683	646.18	83.826	.12430
#1	.00007	509.74	325.31	.78242	-.00043	.00219	.12401
#2	-.00025	505.99	322.94	.77893	.00067	.00056	.12379
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00571	.00638	.00139	.00105	.00334	.00283	

SDev	.00003	.00017	.00137	.00041	.00171	.00061	
%RSD	.49518	2.6170	98.059	39.202	50.998	21.550	
#1	.00569	.00649	.00236	.00134	.00214	.00240	
#2	.00573	.00626	.00043	.00076	.00455	.00326	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40437	--	--	--	--	--	--
SDev	255.9727	--	--	--	--	--	--
%RSD	.6330159	--	--	--	--	--	--
#1	40256	--	--	--	--	--	--
#2	40618	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-3-b Operator: DCL
Run Time: 04/23/12 13:38:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.7982	-.00132	.00267	.11421	-.00038	.43282	.00001
SDev	.0671	.00048	.00219	.00087	.00001	.00366	.00005
%RSD	1.1575	36.630	81.922	.76453	3.8691	.84620	413.56
#1	5.8457	-.00098	.00422	.11482	-.00039	.43541	.00004
#2	5.7508	-.00166	.00112	.11359	-.00037	.43023	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.222	.00515	.00200	.00398	3.7546	.03972	.00140
SDev	.485	.00034	.00029	.00008	.0230	.00039	.00029
%RSD	.75497	6.5079	14.444	1.9613	.61313	.98896	20.685
#1	64.565	.00538	.00220	.00404	3.7709	.04000	.00119
#2	63.880	.00491	.00179	.00393	3.7383	.03944	.00160

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	37.940	.29489	.00585	.00377	6.9784	21.845
SDev	.00141	.316	.00205	.00087	.00077	.0852	.221
%RSD	122.12	.83407	.69645	14.830	20.464	1.2213	1.0095
#1	.00016	38.164	.29635	.00647	.00432	7.0387	22.001
#2	.00216	37.716	.29344	.00524	.00323	6.9182	21.689

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	406.07	273.10	.71269	-.00009	.00057	.22778
SDev	.00033	3.66	2.04	.00500	.00243	.00093	.00166
%RSD	645.38	.90123	.74810	.70180	2637.8	161.94	.72905
#1	-.00029	408.65	274.54	.71622	.00163	-.00008	.22660
#2	.00018	403.48	271.65	.70915	-.00181	.00123	.22895

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01368	.01065	.00257	.00081	-.00054	.00201
SDev	.00030	.00009	.00051	.00069	.00177	.00300
%RSD	2.2094	.87136	19.785	84.827	328.60	149.79
#1	.01390	.01071	.00293	.00032	.00071	-.00012
#2	.01347	.01058	.00221	.00130	-.00179	.00413

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40800	--	--	--	--	--	--
SDev	278.6001	--	--	--	--	--	--
%RSD	.6828433	--	--	--	--	--	--
#1	40603	--	--	--	--	--	--
#2	40997	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-4-b Operator: DCL
Run Time: 04/23/12 13:42:38
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13108	-.00086	.02898	.08228	-.00069	.37268	.00048
SDev	.00187	.00168	.00222	.00082	.00001	.00406	.00005
%RSD	1.4276	195.16	7.6777	1.0002	1.2119	1.0904	10.035
#1	.13241	.00033	.03055	.08287	-.00070	.37555	.00052
#2	.12976	-.00205	.02740	.08170	-.00069	.36981	.00045

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.828	.00014	.00063	-.00196	.71629	.01937	.00028
SDev	.569	.00013	.00008	.00015	.00729	.00021	.00071
%RSD	1.0763	95.868	13.370	7.7393	1.0173	1.0976	255.86
#1	53.230	.00004	.00069	-.00185	.72144	.01953	.00078
#2	52.426	.00023	.00057	-.00206	.71114	.01922	-.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	34.520	.09441	.00803	.00052	1.4418	9.4143
SDev	.00033	.387	.00100	.00039	.00012	.0284	.1111
%RSD	46.938	1.1197	1.0552	4.8021	23.794	1.9667	1.1806
#1	.00093	34.793	.09511	.00776	.00043	1.4619	9.4929
#2	.00047	34.247	.09370	.00830	.00061	1.4218	9.3357

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	410.39	276.94	.62072	-.00056	-.00007	.00128
SDev	.00049	4.18	2.92	.00646	.00319	.00101	.00018

%RSD	933.49	1.0196	1.0561	1.0400	569.22	1349.1	14.033
#1	.00029	413.35	279.01	.62529	.00169	-.00079	.00141
#2	-.00040	407.43	274.87	.61616	-.00281	.00064	.00115

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.00103	.00273	-.00095	.00297	-.00044
SDev	.00020	.00005	.00024	.00119	.00283	.00092
%RSD	21.361	4.4407	8.7555	125.73	94.998	209.26
#1	.00080	.00106	.00256	-.00010	.00497	-.00109
#2	.00109	.00099	.00290	-.00179	.00098	.00021

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40340	--	--	--	--	--	--
SDev	232.6381	--	--	--	--	--	--
%RSD	.5766863	--	--	--	--	--	--
#1	40176	--	--	--	--	--	--
#2	40505	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-5-b Operator: DCL
Run Time: 04/23/12 13:46:29

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4064	-.00016	.00348	.10725	-.00065	.47778	.00004
SDev	.0123	.00091	.00051	.00036	.00001	.00163	.00003
%RSD	.87536	562.79	14.508	.33832	.88136	.34107	79.474
#1	1.4151	.00048	.00384	.10751	-.00065	.47894	.00006
#2	1.3977	-.00080	.00313	.10700	-.00064	.47663	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.321	.00121	.00069	-.00043	.99988	.02305	.00104
SDev	.294	.00019	.00028	.00021	.01327	.00009	.00027
%RSD	.47989	15.452	41.185	48.880	1.3276	.40409	25.659
#1	61.529	.00134	.00089	-.00028	1.0093	.02311	.00085
#2	61.113	.00108	.00049	-.00058	.99049	.02298	.00123

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	43.230	.14442	.00210	.00148	1.9514	12.493
SDev	.00343	.224	.00068	.00031	.00049	.0172	.060
%RSD	230.52	.51780	.47293	14.942	33.378	.88346	.48088
#1	-.00094	43.388	.14490	.00232	.00113	1.9636	12.536
#2	.00392	43.072	.14393	.00188	.00183	1.9392	12.451

Analysis Report 04/23/12 01:50:17 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	530.78	337.84	.80581	-.00127	-.00087	.04962
SDev	.00005	1.33	.55	.00244	.00363	.00016	.00256
%RSD	11.758	.25106	.16159	.30256	286.68	18.804	5.1648
#1	-.00048	531.72	338.23	.80754	-.00384	-.00098	.04781
#2	-.00040	529.84	337.45	.80409	.00130	-.00075	.05144

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	.00295	.00250	.00031	.00506	-.00029
SDev	.00013	.00006	.00047	.00064	.00046	.00492
%RSD	5.8042	2.0793	18.976	208.17	9.1772	1667.6
#1	.00220	.00291	.00284	-.00014	.00473	-.00377
#2	.00238	.00299	.00217	.00076	.00539	.00318

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40043	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--
%RSD	.0141269	--	--	--	--	--	--
#1	40039	--	--	--	--	--	--
#2	40047	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-6-d Operator: DCL
Run Time: 04/23/12 13:50:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86950	-.00324	.00056	.17388	-.00065	.55549	-.00004
SDev	.00299	.00267	.00027	.00022	.00001	.00262	.00008
%RSD	.34398	82.446	48.131	.12831	.78496	.47074	230.02
#1	.86738	-.00513	.00075	.17404	-.00064	.55734	-.00009
#2	.87161	-.00135	.00037	.17372	-.00065	.55364	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.90	.00049	.00085	-.00176	.89788	.03900	.00104
SDev	.11	.00019	.00023	.00043	.01533	.00013	.00008
%RSD	.10207	38.224	26.811	24.330	1.7074	.32781	7.4705
#1	102.98	.00036	.00069	-.00206	.88704	.03909	.00098
#2	102.83	.00062	.00102	-.00146	.90872	.03891	.00109

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	64.830	.33039	.00142	.00100	2.7110	11.882
SDev	.00117	.075	.00029	.00012	.00062	.0019	.020
%RSD	209.35	.11566	.08682	8.4326	61.831	.06971	.16916

#1	-.00027	64.883	.33060	.00151	.00056	2.7097	11.896
#2	.00139	64.777	.33019	.00134	.00144	2.7124	11.868

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	661.49	399.52	1.2415	.00160	.00135	.01976
SDev	.00055	2.74	1.57	.0019	.00133	.00007	.00095
%RSD	414.48	.41419	.39411	.15246	83.209	4.9176	4.7978
#1	-.00052	663.42	400.63	1.2428	.00066	.00140	.02043
#2	.00025	659.55	398.40	1.2401	.00254	.00131	.01909

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	.00214	.00269	.00021	.00013	.00077
SDev	.00007	.00003	.00195	.00109	.00177	.00264
%RSD	2.5492	1.2564	72.498	511.59	1326.1	342.13
#1	.00268	.00212	.00407	-.00056	.00139	-.00110
#2	.00278	.00216	.00131	.00099	-.00112	.00264

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39904	--	--	--	--	--	--
SDev	33.23402	--	--	--	--	--	--
%RSD	.0832860	--	--	--	--	--	--
#1	39927	--	--	--	--	--	--

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 #2      39880     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-53904-b-6-e du     Operator: DCL
Run Time: 04/23/12 13:54:12
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0676    .00028    .00304    .17866    -.00066   .56567    .00003
 SDev     .0070    .00127    .00148    .00058     .00000   .00330    .00007
 %RSD    .65747    452.47    48.672    .32668    .39768    .58402    252.64

 #1      1.0726    .00118    .00199    .17907    -.00066   .56800    .00008
 #2      1.0627    -.00062   .00409    .17824    -.00066   .56333    -.00002

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    104.42    .00096    .00120    -.00187   1.0580    .03969    .00205
 SDev       .41    .00027    .00020     .00002    .0117    .00016    .00064
 %RSD    .38955    27.929    16.905    1.2499    1.1101    .40861    31.224

 #1      104.71    .00077    .00134    -.00185   1.0663    .03980    .00250
 #2      104.14    .00115    .00106    -.00188   1.0497    .03957    .00160

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881

Analysis Report                          04/23/12 01:58:00 PM        page 10


 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00219    65.836    .33627    .00189    .00170    2.8020    12.487
 SDev    .00018      .286    .00121    .00004    .00112     .0402      .067
 %RSD    8.0276    .43396    .35858    2.1907    65.709    1.4331    .53926

 #1      .00232    66.038    .33712    .00186    .00249    2.8304    12.535
 #2      .00207    65.634    .33542    .00192    .00091    2.7736    12.439

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00027    671.22    402.93    1.2615    -.00085   .00095    .02751
 SDev    .00023      4.16      2.48     .0041     .00503   .00110    .00097
 %RSD    85.813    .61936    .61627    .32573    594.78    115.84    3.5310

 #1      .00044    674.16    404.69    1.2644    -.00440   .00172    .02820
 #2      .00011    668.28    401.18    1.2586    .00271    .00017    .02683

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .00337    .00478    .00521    .00047    .00614    .00022
 SDev    .00029    .00004    .00000    .00096    .00232    .00090
 %RSD    8.5376    .87666    .06427    204.72    37.897    403.36

 #1      .00357    .00475    .00521    .00115    .00778    -.00041
 #2      .00317    .00481    .00522    -.00021   .00449    .00086


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    39817     --        --        --        --        --        --
 SDev    162.6346  --        --        --        --        --        --
```

%RSD	.4084551	--	--	--	--	--	--
#1	39702	--	--	--	--	--	--
#2	39932	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-6-f ms Operator: DCL
Run Time: 04/23/12 13:58:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.282	1.0887	1.0819	1.2358	.48969	1.6535	.52433
SDev	.077	.0080	.0056	.0074	.00254	.0072	.00288
%RSD	.68593	.73852	.52042	.60004	.51919	.43828	.54930
#1	11.336	1.0944	1.0859	1.2411	.49149	1.6586	.52637
#2	11.227	1.0831	1.0780	1.2306	.48789	1.6484	.52230

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.30	.97708	.97497	1.0173	11.557	.62404	1.0182
SDev	.64	.00544	.00546	.0061	.049	.00408	.0080
%RSD	.56467	.55672	.55967	.59732	.41988	.65355	.78696

#1	113.75	.98093	.97883	1.0216	11.591	.62692	1.0239
#2	112.84	.97323	.97111	1.0130	11.523	.62115	1.0126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0060	75.080	1.3434	1.0936	1.0791	17.948	13.064
SDev	.0084	.435	.0077	.0030	.0053	.126	.084
%RSD	.83210	.57975	.57333	.27567	.49168	.70350	.64074
#1	1.0119	75.388	1.3489	1.0957	1.0829	18.037	13.123
#2	1.0001	74.772	1.3380	1.0914	1.0754	17.859	13.005

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53849	677.41	407.42	1.7972	1.1586	1.0124	1.0706
SDev	.00292	4.46	2.14	.0105	.0033	.0080	.0065
%RSD	.54189	.65797	.52513	.58662	.28742	.79011	.60482
#1	.54056	680.56	408.93	1.8047	1.1610	1.0181	1.0752
#2	.53643	674.25	405.91	1.7898	1.1563	1.0068	1.0660

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0177	1.0886	.95020	1.0523	.91701	1.0505
SDev	.0062	.0063	.00193	.0111	.00408	.0105
%RSD	.61106	.58107	.20327	1.0505	.44503	1.0010
#1	1.0221	1.0931	.95157	1.0601	.91989	1.0579
#2	1.0134	1.0841	.94884	1.0445	.91412	1.0430

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	40014	--	--	--	--	--	--
SDev	145.6640	--	--	--	--	--	--
%RSD	.3640326	--	--	--	--	--	--
#1	39911	--	--	--	--	--	--
#2	40117	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 14:01:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4355	.51262	.50294	.51474	.47400	.51638	.52874
SDev	.0125	.00198	.00246	.00241	.00233	.00324	.00262
%RSD	.51291	.38622	.48834	.46755	.49149	.62774	.49603
#1	2.4443	.51402	.50468	.51644	.47564	.51868	.53060
#2	2.4266	.51122	.50121	.51303	.47235	.51409	.52689

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.464	.47610	.47519	.48346	2.6637	.48072	.49779
SDev	.064	.00231	.00251	.00217	.0129	.00297	.00397
%RSD	.51275	.48575	.52735	.44978	.48450	.61825	.79726
#1	12.509	.47773	.47696	.48500	2.6728	.48283	.50060
#2	12.418	.47446	.47342	.48192	2.6546	.47862	.49498

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48711	4.9218	.48484	.51408	.54467	12.726	.94814
SDev	.00429	.0309	.00234	.00229	.00247	.113	.00391
%RSD	.88159	.62748	.48177	.44490	.45350	.89104	.41268
#1	.49015	4.9437	.48649	.51569	.54641	12.806	.95091
#2	.48408	4.9000	.48319	.51246	.54292	12.646	.94537

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24916	13.041	12.348	.25854	.55780	.48596	.50822
SDev	.00123	.087	.082	.00096	.00445	.00326	.00241
%RSD	.49317	.66413	.66005	.37100	.79717	.67050	.47417
#1	.25002	13.102	12.406	.25922	.56095	.48826	.50992
#2	.24829	12.980	12.291	.25787	.55466	.48365	.50651

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48896	.52787	.46484	.51426	.44581	.50782
SDev	.00209	.00243	.00384	.00403	.00380	.00454
%RSD	.42739	.46086	.82623	.78417	.85178	.89462
#1	.49044	.52959	.46756	.51712	.44849	.51104
#2	.48748	.52615	.46213	.51141	.44312	.50461

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41802	--	--	--	--	--	--
SDev	285.6711	--	--	--	--	--	--
%RSD	.6833911	--	--	--	--	--	--
#1	41600	--	--	--	--	--	--
#2	42004	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 14:05:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06275	-.00113	.00083	.00007	-.00071	.00287	.00007
SDev	.01042	.00248	.00042	.00018	.00000	.00223	.00017

%RSD	16.605	218.80	51.385	244.41	.60733	77.938	240.66
#1	.07011	.00062	.00113	.00020	-.00071	.00445	.00019
#2	.05538	-.00288	.00053	-.00005	-.00070	.00129	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01056	.00007	.00075	-.00328	.04593	.00115	.00013
SDev	.00152	.00069	.00019	.00139	.00788	.00012	.00048
%RSD	14.406	1036.4	25.577	42.398	17.161	10.113	363.30
#1	-.01164	.00055	.00061	-.00229	.04036	.00123	-.00021
#2	-.00949	-.00042	.00088	-.00426	.05150	.00106	.00047

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00456	.08306	.00000	.00205	.00035	.44483	-.00677
SDev	.00127	.00745	.00008	.00136	.00013	.05166	.00544
%RSD	27.791	8.9694	3543.7	66.403	38.079	11.614	80.365
#1	.00546	.08833	.00006	.00301	.00025	.48137	-.00292
#2	.00367	.07779	-.00005	.00109	.00044	.40830	-.01062

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.29333	.06019	-.00008	.00251	.00076	.00002
SDev	.00022	.03450	.00198	.00006	.00182	.00002	.00043
%RSD	31.793	11.762	3.2948	78.958	72.288	2.4347	1916.8
#1	.00054	.31773	.06159	-.00004	.00380	.00075	.00033
#2	.00086	.26894	.05879	-.00013	.00123	.00077	-.00028

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00049	.00234	-.00097	.00484	.00443
SDev	.00087	.00008	.00469	.00162	.00248	.00314
%RSD	725.87	16.703	200.65	167.15	51.398	71.036
#1	.00073	.00055	-.00098	.00018	.00308	.00665

#2	-.00049	.00044	.00565	-.00211	.00659	.00220	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41584	--	--	--	--	--	--
SDev	289.9138	--	--	--	--	--	--
%RSD	.6971763	--	--	--	--	--	--
#1	41379	--	--	--	--	--	--
#2	41789	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-6-g msd Operator: DCL
Run Time: 04/23/12 14:09:35
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.739	1.1064	1.0969	1.2613	.49500	1.6870	.53207
SDev	.038	.0023	.0030	.0019	.00050	.0013	.00015
%RSD	.32599	.20694	.27346	.15005	.10170	.07592	.02887
#1	11.766	1.1048	1.0948	1.2627	.49535	1.6880	.53218
#2	11.712	1.1080	1.0991	1.2600	.49464	1.6861	.53197

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	115.15	.98829	.98501	1.0318	11.928	.63722	1.0337
SDev	.14	.00078	.00105	.0017	.009	.00199	.0013
%RSD	.12168	.07862	.10682	.16653	.07939	.31212	.12175
#1	115.25	.98884	.98575	1.0330	11.935	.63862	1.0346
#2	115.05	.98774	.98427	1.0306	11.921	.63581	1.0328

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0172	76.504	1.3652	1.1050	1.1044	18.411	14.005
SDev	.0012	.088	.0011	.0029	.0000	.092	.033
%RSD	.11698	.11458	.07830	.26010	.00188	.50006	.23808
#1	1.0164	76.566	1.3660	1.1029	1.1045	18.476	14.028
#2	1.0180	76.442	1.3645	1.1070	1.1044	18.346	13.981

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54718	694.99	416.12	1.8436	1.1767	1.0227	1.0922
SDev	.00154	3.45	2.33	.0004	.0169	.0060	.0006
%RSD	.28098	.49673	.55937	.02379	1.4379	.58374	.05775
#1	.54827	697.43	417.77	1.8440	1.1647	1.0269	1.0917
#2	.54610	692.55	414.48	1.8433	1.1887	1.0185	1.0926

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0294	1.1092	.96512	1.0680	.92966	1.0610
SDev	.0013	.0010	.00328	.0002	.00128	.0024

%RSD	.12768	.09470	.33971	.02327	.13765	.22854
#1	1.0304	1.1100	.96744	1.0681	.93056	1.0593
#2	1.0285	1.1085	.96280	1.0678	.92875	1.0627

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39657	--	--	--	--	--	--
SDev	151.3209	--	--	--	--	--	--
%RSD	.3815741	--	--	--	--	--	--
#1	39550	--	--	--	--	--	--
#2	39764	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53904-b-7-b Operator: DCL
Run Time: 04/23/12 14:13:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83856	.00015	.00218	.17420	-.00078	.57217	.00001
SDev	.00416	.00035	.00183	.00042	.00000	.00048	.00008
%RSD	.49639	243.58	83.714	.23933	.07869	.08369	656.19
#1	.84150	-.00011	.00089	.17449	-.00078	.57251	.00007
#2	.83562	.00040	.00348	.17390	-.00078	.57183	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	93.013	.00036	.00108	-.00233	.81728	.03981	.00134
SDev	.264	.00020	.00055	.00047	.00069	.00007	.00033
%RSD	.28397	56.569	50.780	20.231	.08490	.17725	24.964
#1	93.200	.00022	.00147	-.00266	.81777	.03986	.00110
#2	92.827	.00051	.00069	-.00199	.81679	.03976	.00157

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	65.251	.29744	.00682	.00161	2.8171	12.202
SDev	.00411	.200	.00080	.00351	.00046	.0217	.046
%RSD	298.25	.30603	.26965	51.443	28.460	.77104	.37361
#1	.00428	65.392	.29800	.00929	.00193	2.8325	12.234
#2	-.00153	65.109	.29687	.00434	.00129	2.8018	12.170

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	676.43	406.52	1.2584	.00347	.00198	.02795
SDev	.00052	1.12	.53	.0021	.00451	.00124	.00410
%RSD	95.209	.16561	.13057	.16653	129.69	62.470	14.659
#1	.00092	677.22	406.90	1.2599	.00666	.00111	.02506
#2	.00018	675.64	406.14	1.2569	.00029	.00286	.03085

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.00150	.00161	.00120	.00038	.00188
SDev	.00010	.00003	.00013	.00056	.00441	.00396
%RSD	4.3070	2.3329	7.9687	47.130	1165.7	210.84
#1	.00219	.00148	.00170	.00080	.00350	.00468
#2	.00233	.00153	.00152	.00160	-.00274	-.00092

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39634	--	--	--	--	--	--

SDev	118.0868	--	--	--	--	--	--
%RSD	.2979395	--	--	--	--	--	--
#1	39551	--	--	--	--	--	--
#2	39718	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53835-c-1-a Operator: DCL
Run Time: 04/23/12 14:17:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29964	-.00154	.00913	.31364	-.00085	.41123	-.00009
SDev	.00749	.00264	.00001	.00245	.00002	.00254	.00001
%RSD	2.4997	171.30	.15432	.78207	1.9487	.61703	8.9059
#1	.29435	-.00340	.00912	.31191	-.00084	.40943	-.00010
#2	.30494	.00033	.00914	.31538	-.00086	.41302	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.100	.00112	.00125	-.00062	.14043	.04347	.00092
SDev	.507	.00011	.00003	.00047	.00744	.00040	.00052
%RSD	.69372	10.225	2.0613	76.700	5.2998	.91036	56.064
#1	72.742	.00120	.00127	-.00095	.14569	.04319	.00129
#2	73.459	.00104	.00123	-.00028	.13516	.04375	.00056

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09479	12.766	.09573	.04684	.00556	61.413	5.7414
SDev	.00055	.081	.00068	.00075	.00045	.401	.0594
%RSD	.58267	.63563	.71339	1.5996	8.0457	.65236	1.0342
#1	.09440	12.709	.09524	.04737	.00524	61.130	5.6994
#2	.09518	12.823	.09621	.04631	.00587	61.696	5.7834

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	1213.8	611.71	1.2676	.00122	.00247	-.00021
SDev	.00035	6.4	3.76	.0101	.00007	.00063	.00019
%RSD	7466.2	.52353	.61457	.79515	6.1084	25.517	92.215
#1	.00025	1209.3	609.05	1.2605	.00116	.00202	-.00034

#2	-.00024	1218.3	614.37	1.2747	.00127	.00291	-.00007

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01287	.05580	.00331	-.00027	.08874	.09781
SDev	.00007	.00055	.00205	.00025	.00073	.00119
%RSD	.53874	.98892	62.002	92.992	.82081	1.2193
#1	.01292	.05541	.00476	-.00044	.08925	.09697
#2	.01282	.05619	.00186	-.00009	.08822	.09866

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39001	--	--	--	--	--	--
SDev	243.2447	--	--	--	--	--	--
%RSD	.6236885	--	--	--	--	--	--
#1	39173	--	--	--	--	--	--
#2	38829	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53898-d-1-a Operator: DCL
Run Time: 04/23/12 14:21:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09739	.00076	.00627	.21705	-.00085	.28805	-.00010
SDev	.00006	.00004	.00206	.00054	.00001	.00100	.00017
%RSD	.05927	4.7116	32.888	.24949	.78844	.34742	178.66
#1	.09743	.00073	.00481	.21743	-.00085	.28876	-.00022
#2	.09735	.00078	.00772	.21666	-.00086	.28735	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	59.172	.00048	.00045	-.00161	.07856	.02963	-.00025
SDev	.228	.00017	.00069	.00018	.00591	.00012	.00019
%RSD	.38484	35.493	153.54	11.328	7.5201	.38867	76.288
#1	59.333	.00036	-.00004	-.00148	.07439	.02971	-.00011
#2	59.011	.00060	.00093	-.00174	.08274	.02955	-.00038

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	13.814	.00388	.17873	.00402	13.901	3.8272
SDev	.00002	.053	.00002	.00041	.00046	.037	.0180
%RSD	.77456	.38590	.54310	.23048	11.526	.26362	.46908
#1	.00228	13.852	.00390	.17902	.00369	13.927	3.8399
#2	.00230	13.776	.00387	.17844	.00435	13.875	3.8145

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	449.27	299.97	.89223	-.00133	-.00014	-.00037
SDev	.00039	.27	.30	.00263	.00158	.00025	.00006

%RSD	139.01	.05923	.09839	.29437	119.08	181.05	16.987
#1	-.00056	449.46	300.18	.89409	-.00245	.00004	-.00033
#2	-.00000	449.08	299.76	.89038	-.00021	-.00031	-.00042

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00710	.00930	.00142	-.00108	-.00048	.00367
SDev	.00028	.00005	.00059	.00001	.00516	.00261
%RSD	3.9390	.55780	41.155	.86560	1079.3	70.906

#1	.00730	.00933	.00184	-.00109	.00317	.00183
#2	.00690	.00926	.00101	-.00108	-.00413	.00552

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39782	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.0266621	--	--	--	--	--	--
#1	39774	--	--	--	--	--	--
#2	39789	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53904-b-6-d Operator: DCL
Run Time: 04/23/12 14:25:02
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.841	1.0636	1.0394	1.2067	.46004	1.6157	.50624
SDev	.013	.0003	.0046	.0003	.00020	.0004	.00011
%RSD	.11571	.02818	.44330	.02823	.04404	.02637	.02086
#1	10.850	1.0633	1.0426	1.2070	.46019	1.6160	.50631
#2	10.832	1.0638	1.0361	1.2065	.45990	1.6154	.50616

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.06	.93574	.92257	.97709	11.067	1.2005	.98176
SDev	.08	.00037	.00031	.00116	.009	.0023	.00071
%RSD	.07609	.03969	.03313	.11906	.07776	.18914	.07217
#1	111.12	.93547	.92236	.97791	11.061	1.2021	.98226
#2	111.00	.93600	.92279	.97626	11.073	1.1989	.98126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96928	73.430	1.2949	1.0248	1.0476	17.391	12.970
SDev	.00335	.008	.0007	.0017	.0039	.052	.020
%RSD	.34606	.01036	.05761	.16260	.37058	.29916	.15386
#1	.96691	73.435	1.2954	1.0236	1.0449	17.428	12.984
#2	.97165	73.424	1.2943	1.0260	1.0504	17.354	12.956

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51503	674.38	407.63	1.7788	1.1154	.96580	1.0297
SDev	.00049	2.46	1.77	.0010	.0024	.00143	.0011
%RSD	.09444	.36483	.43493	.05490	.21109	.14830	.10242
#1	.51537	676.12	408.89	1.7795	1.1138	.96478	1.0304
#2	.51468	672.64	406.38	1.7781	1.1171	.96681	1.0289

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 04/23/12 02:28:58 PM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96527	1.0546	.91390	1.0157	.88066	1.0136
SDev	.00052	.0007	.00278	.0025	.00577	.0021
%RSD	.05391	.06837	.30406	.24142	.65526	.21172
#1	.96564	1.0551	.91194	1.0174	.87658	1.0121
#2	.96491	1.0541	.91587	1.0140	.88474	1.0151

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39431	--	--	--	--	--	--
SDev	73.53911	--	--	--	--	--	--
%RSD	.1865007	--	--	--	--	--	--
#1	39379	--	--	--	--	--	--
#2	39483	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53904-b-6-d@5 Operator: DCL
Run Time: 04/23/12 14:29:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24077	-.00301	-.00015	.03653	-.00082	.11632	-.00007
SDev	.00202	.00302	.00174	.00016	.00004	.00146	.00007
%RSD	.84008	100.43	1142.2	.45244	4.3406	1.2579	97.525
#1	.23934	-.00514	-.00139	.03664	-.00085	.11736	-.00002
#2	.24220	-.00087	.00108	.03641	-.00080	.11529	-.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.668	.00012	.00016	-.00344	.20288	.00826	.00094
SDev	.159	.00035	.00020	.00051	.00757	.00004	.00004
%RSD	.73310	280.42	122.96	14.902	3.7313	.47520	3.8522
#1	21.780	-.00012	.00002	-.00380	.20824	.00829	.00092
#2	21.555	.00037	.00030	-.00308	.19753	.00823	.00097

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00208	13.419	.06855	.00361	-.00006	.78374	2.4047
SDev	.00077	.112	.00040	.00171	.00027	.02114	.0108
%RSD	36.989	.83739	.58242	47.386	465.09	2.6973	.45006
#1	.00262	13.498	.06883	.00482	.00013	.79869	2.4124
#2	.00153	13.340	.06827	.00240	-.00025	.76879	2.3971

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	113.07	94.594	.25740	.00338	-.00015	.00445
SDev	.00041	.75	.558	.00170	.00305	.00073	.00013
%RSD	105.20	.66279	.58973	.65998	90.259	478.19	2.8133

#1	-.00068	113.60	94.989	.25860	.00554	-.00067	.00454
#2	-.00010	112.54	94.200	.25620	.00122	.00036	.00436

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00072	.00195	.00044	-.00061	.00342
SDev	.00051	.00039	.00164	.00076	.00416	.00323
%RSD	111.36	53.596	83.752	174.07	677.36	94.436
#1	.00010	.00045	.00080	.00098	-.00356	.00571
#2	.00083	.00099	.00311	-.00010	.00233	.00114

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40994	--	--	--	--	--	--
SDev	154.1493	--	--	--	--	--	--
%RSD	.3760289	--	--	--	--	--	--
#1	40885	--	--	--	--	--	--
#2	41103	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 14:32:57
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5031	.53310	.52108	.53241	.48066	.53353	.54691
SDev	.0084	.00060	.00016	.00159	.00124	.00177	.00077
%RSD	.33428	.11313	.03142	.29836	.25885	.33082	.13997
#1	2.5090	.53267	.52119	.53353	.48154	.53478	.54745
#2	2.4972	.53353	.52096	.53129	.47978	.53228	.54637

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.724	.48571	.48523	.49340	2.7378	.49392	.51176
SDev	.040	.00090	.00192	.00177	.0056	.00229	.00017
%RSD	.31652	.18589	.39634	.35904	.20605	.46277	.03377
#1	12.752	.48635	.48659	.49465	2.7418	.49553	.51189
#2	12.695	.48507	.48387	.49215	2.7338	.49230	.51164

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50312	5.0070	.49623	.52481	.56432	12.994	.98055
SDev	.00067	.0189	.00118	.00165	.00302	.085	.00016
%RSD	.13219	.37753	.23798	.31516	.53523	.65594	.01637
#1	.50359	5.0203	.49707	.52364	.56646	13.054	.98043

#2	.50265	4.9936	.49540	.52598	.56218	12.933	.98066

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 04/23/12 02:36:45 PM page 21

Avge	.25558	13.330	12.682	.26749	.57058	.49532	.52212
SDev	.00088	.090	.062	.00056	.00029	.00160	.00127
%RSD	.34306	.67367	.48830	.21034	.05005	.32278	.24406
#1	.25620	13.394	12.726	.26788	.57078	.49645	.52302
#2	.25496	13.267	12.638	.26709	.57038	.49419	.52122

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49909	.54326	.47025	.53252	.45543	.52702
SDev	.00125	.00102	.00202	.00075	.00082	.00059
%RSD	.25085	.18801	.43033	.14132	.18066	.11126
#1	.49997	.54398	.47168	.53199	.45601	.52744
#2	.49820	.54254	.46882	.53305	.45485	.52661

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41227	--	--	--	--	--	--
SDev	210.7178	--	--	--	--	--	--
%RSD	.5111161	--	--	--	--	--	--
#1	41078	--	--	--	--	--	--
#2	41376	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 14:36:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07777	-.00323	-.00016	-.00010	-.00089	.00178	-.00003
SDev	.00337	.00469	.00188	.00018	.00000	.00094	.00024
%RSD	4.3334	145.15	1174.9	181.00	.47263	52.763	806.26
#1	.08015	.00009	.00117	.00003	-.00089	.00244	.00014
#2	.07538	-.00655	-.00149	-.00023	-.00089	.00111	-.00020

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01387	-.00047	-.00018	-.00407	.00071	.00098	.00093
SDev	.00032	.00049	.00074	.00072	.02421	.00001	.00020
%RSD	2.3106	104.85	412.34	17.601	3415.6	.98472	21.754
#1	-.01364	-.00012	.00034	-.00356	.01783	.00097	.00108
#2	-.01410	-.00081	-.00070	-.00458	-.01641	.00098	.00079

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	.07230	-.00004	.00168	.00006	.35631	-.00602
SDev	.00103	.00093	.00006	.00037	.00076	.00484	.00253
%RSD	34.540	1.2828	148.34	21.915	1331.6	1.3585	42.038

#1	.00225	.07165	.00000	.00194	.00060	.35288	-.00423

Analysis Report 04/23/12 02:40:36 PM page 22

#2	.00370	.07296	-.00008	.00142	-.00048	.35973	-.00781

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	-.18842	.05683	-.00013	-.00018	-.00131	-.00027
SDev	.00117	.30952	.00149	.00002	.00269	.00163	.00029
%RSD	193.97	164.27	2.6140	11.674	1459.2	123.87	107.13
#1	.00022	.03045	.05578	-.00012	.00172	-.00016	-.00007
#2	-.00143	-.40728	.05788	-.00014	-.00209	-.00247	-.00048

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	.00047	.00625	-.00172	.00675	.00109
SDev	.00046	.00001	.00645	.00353	.00875	.00283
%RSD	104.34	1.9675	103.16	204.64	129.69	261.09
#1	-.00012	.00046	.00169	.00077	.00056	.00309
#2	-.00077	.00047	.01081	-.00422	.01293	-.00092

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41696	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.1848468	--	--	--	--	--	--
#1	41751	--	--	--	--	--	--
#2	41642	--	--	--	--	--	--

Analysis Report 04/23/12 02:50:39 PM page 1

Method: 20076010 Sample Name: 600-53895-a-1-e Operator: DCL
Run Time: 04/23/12 14:46:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25093	-.00267	.00051	.03340	-.00095	.03194	.00007
SDev	.00218	.00282	.00042	.00019	.00001	.00017	.00001
%RSD	.86800	105.65	83.212	.58099	.87794	.52155	14.283
#1	.24939	-.00466	.00021	.03353	-.00095	.03206	.00006
#2	.25247	-.00067	.00081	.03326	-.00096	.03182	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.120	.00063	.00063	.00735	.40868	.00509	.00131
SDev	.074	.00015	.00042	.00019	.00173	.00004	.00133
%RSD	.33585	23.466	65.558	2.6518	.42276	.78206	101.86
#1	22.172	.00053	.00093	.00721	.40991	.00506	.00037
#2	22.067	.00074	.00034	.00749	.40746	.00511	.00225

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	1.1923	.02633	.00678	.00234	6.8273	1.4374
SDev	.00007	.0030	.00011	.00064	.00049	.0089	.0010
%RSD	4.0924	.25103	.40152	9.4590	21.149	.12993	.07216
#1	.00165	1.1945	.02641	.00633	.00269	6.8336	1.4381
#2	.00156	1.1902	.02626	.00723	.00199	6.8210	1.4367

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	9.5309	8.8498	.05908	-.00230	-.00158	.00449
SDev	.00038	.1170	.0419	.00022	.00037	.00104	.00012
%RSD	146.53	1.2277	.47350	.36595	15.954	65.670	2.6748
#1	.00001	9.6136	8.8794	.05923	-.00204	-.00085	.00458
#2	-.00053	9.4482	8.8201	.05892	-.00256	-.00232	.00441

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00227	.03553	.00546	-.00077	-.00156	.00318
SDev	.00014	.00018	.00293	.00053	.00170	.00095
%RSD	6.2386	.50840	53.622	69.377	108.53	29.731
#1	.00217	.03540	.00339	-.00115	-.00276	.00385
#2	.00237	.03565	.00753	-.00039	-.00036	.00251

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41258	--	--	--	--	--	--
SDev	55.86144	--	--	--	--	--	--
%RSD	.1353970	--	--	--	--	--	--

Analysis Report 04/23/12 02:50:39 PM page 2

#1	41297	--	--	--	--	--	--
#2	41218	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-1-f du Operator: DCL
Run Time: 04/23/12 14:50:42
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25623	-.00084	.00125	.03313	-.00097	.03213	-.00007
SDev	.00372	.00278	.00114	.00033	.00002	.00053	.00007
%RSD	1.4529	330.05	91.478	.99074	2.2173	1.6643	106.81
#1	.25886	.00112	.00044	.03337	-.00098	.03251	-.00011
#2	.25360	-.00281	.00205	.03290	-.00095	.03175	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.806	.00100	.00059	.00714	.40308	.00506	.00160
SDev	.184	.00030	.00030	.00042	.01306	.00011	.00027
%RSD	.84281	30.410	51.244	5.8601	3.2406	2.0958	16.655
#1	21.935	.00122	.00081	.00744	.41231	.00514	.00179

#2	21.676	.00079	.00038	.00684	.39384	.00499	.00141
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	1.1819	.02595	.00695	.00236	6.7579	1.4293
SDev	.00116	.0147	.00019	.00028	.00003	.0689	.0122
%RSD	71.573	1.2433	.73457	4.0908	1.2407	1.0189	.85221
#1	.00080	1.1923	.02608	.00675	.00238	6.8066	1.4380
#2	.00245	1.1715	.02581	.00715	.00234	6.7092	1.4207
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	9.5083	8.7235	.05830	-.00234	-.00014	.00491
SDev	.00007	.1662	.0561	.00046	.00146	.00192	.00041
%RSD	31.214	1.7481	.64281	.78584	62.236	1321.9	8.4078
#1	.00029	9.6258	8.7632	.05862	-.00131	.00121	.00520
#2	.00019	9.3908	8.6839	.05798	-.00337	-.00150	.00462
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00237	.03555	.00523	-.00021	-.00114	.00301	
SDev	.00028	.00039	.00103	.00012	.00195	.00077	
%RSD	11.728	1.0999	19.715	54.069	171.69	25.613	
#1	.00257	.03583	.00595	-.00030	-.00252	.00246	
#2	.00218	.03528	.00450	-.00013	.00024	.00355	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 02:54:30 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41100	--	--	--	--	--	--
SDev	269.4077	--	--	--	--	--	--
%RSD	.6555011	--	--	--	--	--	--
#1	40909	--	--	--	--	--	--
#2	41290	--	--	--	--	--	--

Analysis Report 04/23/12 03:00:47 PM page 1

Method: 20076010 Sample Name: 600-53895-a-1-g ms Operator: DCL
Run Time: 04/23/12 14:56:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.174	1.1022	1.0678	1.1328	.48633	1.1295	.55574
SDev	.055	.0063	.0043	.0048	.00197	.0049	.00178
%RSD	.54124	.57537	.40641	.42485	.40592	.43173	.31944
#1	10.213	1.1067	1.0709	1.1362	.48773	1.1330	.55700
#2	10.135	1.0977	1.0647	1.1294	.48494	1.1261	.55449

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	32.184	.98881	.98765	1.0074	11.431	.52424	1.0413
SDev	.129	.00400	.00431	.0054	.060	.00260	.0049
%RSD	.40223	.40481	.43673	.53627	.52287	.49605	.47184
#1	32.276	.99164	.99070	1.0112	11.473	.52608	1.0448
#2	32.093	.98598	.98460	1.0035	11.389	.52240	1.0379

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0108	11.210	1.0520	1.0987	1.1700	17.580	2.6049
SDev	.0061	.044	.0039	.0001	.0055	.108	.0109
%RSD	.59974	.39614	.37535	.00700	.46954	.61531	.41660
#1	1.0150	11.241	1.0548	1.0988	1.1739	17.657	2.6126
#2	1.0065	11.178	1.0492	1.0987	1.1661	17.504	2.5973

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52722	20.125	19.848	.61483	1.1844	1.0071	1.0684
SDev	.00271	.111	.111	.00281	.0003	.0024	.0043
%RSD	.51431	.55178	.55887	.45688	.02282	.23941	.40011
#1	.52914	20.204	19.926	.61682	1.1846	1.0088	1.0714
#2	.52530	20.047	19.770	.61284	1.1842	1.0054	1.0654

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0189	1.1429	.95353	1.0852	.91523	1.0585
SDev	.0041	.0052	.00519	.0048	.01205	.0031
%RSD	.40633	.45484	.54402	.44014	1.3164	.28991
#1	1.0218	1.1465	.95720	1.0886	.92374	1.0607
#2	1.0159	1.1392	.94986	1.0819	.90671	1.0564

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40863	--	--	--	--	--	--
SDev	186.6762	--	--	--	--	--	--
%RSD	.4568343	--	--	--	--	--	--

#1	40731	--	--	--	--	--	--
#2	40995	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-1-h msd Operator: DCL
Run Time: 04/23/12 15:00:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.305	1.1080	1.0786	1.1412	.49037	1.1389	.56036
SDev	.035	.0067	.0005	.0052	.00256	.0053	.00268
%RSD	.34311	.60421	.04763	.45828	.52279	.46163	.47872
#1	10.330	1.1128	1.0782	1.1449	.49218	1.1426	.56226
#2	10.280	1.1033	1.0789	1.1375	.48856	1.1352	.55846

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.206	.99767	.99521	1.0141	11.583	.52931	1.0505
SDev	.162	.00495	.00485	.0039	.081	.00187	.0043
%RSD	.50303	.49596	.48740	.38789	.69796	.35391	.41282
#1	32.320	1.0012	.99864	1.0169	11.640	.53064	1.0536
#2	32.091	.99417	.99178	1.0113	11.526	.52799	1.0474

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0214	11.299	1.0599	1.1119	1.1677	17.648	2.7489
SDev	.0064	.055	.0051	.0038	.0129	.071	.0202
%RSD	.62506	.48354	.48060	.34186	1.1054	.40347	.73309
#1	1.0259	11.338	1.0635	1.1145	1.1769	17.698	2.7632
#2	1.0168	11.261	1.0563	1.1092	1.1586	17.597	2.7347

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53136	20.266	19.941	.61814	1.1979	1.0158	1.0778
SDev	.00243	.175	.056	.00273	.0092	.0066	.0040
%RSD	.45745	.86442	.28174	.44198	.77049	.65141	.37155
#1	.53307	20.389	19.981	.62007	1.2044	1.0205	1.0806
#2	.52964	20.142	19.901	.61620	1.1913	1.0111	1.0749

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0265	1.1527	.96149	1.0950	.91499	1.0745
SDev	.0056	.0051	.00394	.0045	.00233	.0084
%RSD	.54489	.44595	.40952	.41426	.25516	.78254
#1	1.0304	1.1563	.96427	1.0982	.91664	1.0805
#2	1.0225	1.1490	.95870	1.0918	.91333	1.0686

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/23/12 03:04:38 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40790	--	--	--	--	--	--
SDev	96.87363	--	--	--	--	--	--
%RSD	.2374907	--	--	--	--	--	--
#1	40722	--	--	--	--	--	--
#2	40859	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-2-b Operator: DCL
Run Time: 04/23/12 15:04:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2872	-.00031	.00200	.04048	-.00095	.03040	-.00008
SDev	.0271	.00051	.00121	.00023	.00000	.00011	.00001
%RSD	2.1068	162.57	60.369	.56240	.24419	.36984	18.135

#1	1.3063	-.00068	.00115	.04064	-.00095	.03048	-.00007
#2	1.2680	.00005	.00285	.04032	-.00096	.03032	-.00009

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.299	.00206	.00034	.00345	.93530	.00507	.00359
SDev	.121	.00002	.00011	.00025	.00637	.00007	.00036
%RSD	.54137	.94922	32.273	7.1303	.68077	1.4815	10.010

#1	22.384	.00204	.00041	.00362	.93980	.00512	.00384
#2	22.213	.00207	.00026	.00327	.93080	.00502	.00334

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00335	1.0359	.03405	.00734	.00148	8.2062	4.3351
SDev	.00257	.0100	.00024	.00104	.00046	.0724	.0756
%RSD	76.687	.96880	.69874	14.109	30.961	.88278	1.7438

#1	.00517	1.0430	.03421	.00807	.00180	8.2575	4.3886
#2	.00153	1.0288	.03388	.00661	.00115	8.1550	4.2817

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	4.0386	3.9817	.04847	-.00028	.00018	.04393
SDev	.00053	.0116	.0260	.00018	.00254	.00034	.00142
%RSD	649.62	.28694	.65351	.36837	893.54	194.00	3.2222

#1	.00029	4.0468	4.0001	.04860	.00151	-.00007	.04493
#2	-.00046	4.0304	3.9633	.04835	-.00208	.00042	.04293

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00440	.04107	.00626	.00225	-.00109	.00557
SDev	.00016	.00021	.00006	.00051	.00103	.00334
%RSD	3.6741	.51214	.96776	22.571	94.664	59.902

#1	.00429	.04122	.00630	.00261	-.00036	.00793

#2	.00452	.04092	.00622	.00189	-.00182	.00321

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40997	--	--	--	--	--	--
SDev	261.6295	--	--	--	--	--	--
%RSD	.6381674	--	--	--	--	--	--

#1	40812	--	--	--	--	--	--
#2	41182	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-3-b Operator: DCL
Run Time: 04/23/12 15:08:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0724	-.00189	.00308	.05252	-.00095	.02789	-.00006

SDev	.0155	.00138	.00025	.00015	.00000	.00030	.00002
%RSD	1.4462	72.911	8.2561	.29562	.01249	1.0785	33.409
#1	1.0834	-.00286	.00290	.05263	-.00095	.02810	-.00007
#2	1.0615	-.00091	.00326	.05241	-.00095	.02768	-.00005
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.109	.00234	.00009	.00465	.67092	.00388	.00284
SDev	.079	.00007	.00042	.00032	.00470	.00007	.00022
%RSD	.43493	3.0992	480.08	6.9827	.70094	1.8029	7.6386
#1	18.164	.00239	-.00021	.00488	.66759	.00393	.00268
#2	18.053	.00229	.00038	.00442	.67424	.00383	.00299
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	1.3107	.01377	.00916	.00155	4.4434	3.7185
SDev	.00326	.0076	.00010	.00081	.00036	.0315	.0443
%RSD	825.68	.58257	.72375	8.9047	23.311	.70786	1.1912
#1	-.00191	1.3161	.01384	.00858	.00129	4.4656	3.7498
#2	.00270	1.3053	.01370	.00973	.00180	4.4212	3.6872
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	2.3838	2.4374	.07210	-.00326	-.00123	.03851
SDev	.00098	.1351	.0057	.00021	.00226	.00141	.00170
%RSD	118.91	5.6676	.23473	.29763	69.324	114.30	4.4154
#1	-.00152	2.2883	2.4414	.07225	-.00486	-.00222	.03971
#2	-.00013	2.4793	2.4333	.07195	-.00166	-.00024	.03731
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.00499	.04579	.00418	.00217	-.00206	.00162	

SDev	.00001	.00023	.00111	.00088	.00218	.00380
%RSD	.12466	.50822	26.431	40.550	105.89	234.37
#1	.00499	.04563	.00496	.00154	-.00360	-.00107
#2	.00499	.04596	.00340	.00279	-.00052	.00431
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41361	--	--	--	--	--	--
SDev	117.3797	--	--	--	--	--	--
%RSD	.2837932	--	--	--	--	--	--
#1	41278	--	--	--	--	--	--
#2	41444	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53895-a-4-b Operator: DCL
Run Time: 04/23/12 15:12:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47770	-.00093	.00026	.01578	-.00120	.01441	-.00007
SDev	.06890	.00230	.00131	.00188	.00020	.00020	.00007
%RSD	14.424	246.22	507.57	11.926	16.361	1.4099	97.829
#1	.52642	-.00256	-.00067	.01711	-.00134	.01456	-.00012
#2	.42898	.00069	.00119	.01445	-.00106	.01427	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.981	.00162	.00002	.00060	.30672	.00527	.00228
SDev	1.731	.00060	.00034	.00083	.02121	.00133	.00072
%RSD	13.336	37.223	1417.5	140.07	6.9142	25.194	31.684
#1	14.205	.00119	-.00021	.00119	.32172	.00620	.00279
#2	11.757	.00204	.00026	.00001	.29172	.00433	.00177

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.50537	.01321	.00465	.00105	1.5516	1.0746
SDev	.00023	.12091	.00170	.00024	.00040	.5467	.1613
%RSD	69.155	23.925	12.836	5.1633	38.381	35.234	15.007
#1	.00050	.59086	.01441	.00482	.00077	1.9382	1.1886
#2	.00017	.41987	.01201	.00448	.00134	1.1651	.96055

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00111	.72280	.89620	.02650	-.00407	-.00107	.01045
SDev	.00083	.20953	.13400	.00351	.00075	.00111	.00150
%RSD	74.546	28.989	14.952	13.249	18.376	103.08	14.385
#1	-.00169	.57464	.99095	.02898	-.00459	-.00186	.01152
#2	-.00052	.87096	.80145	.02402	-.00354	-.00029	.00939

Analysis Report 04/23/12 03:16:11 PM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.02686	.00314	.00185	.00046	.00027
SDev	.00045	.00374	.00089	.00064	.00413	.00171
%RSD	24.342	13.927	28.410	34.465	904.54	624.11
#1	.00152	.02950	.00377	.00230	.00337	-.00094
#2	.00215	.02421	.00251	.00140	-.00246	.00149

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38435	--	--	--	--	--	--
SDev	3973.940	--	--	--	--	--	--
%RSD	10.33938	--	--	--	--	--	--
#1	35625	--	--	--	--	--	--
#2	41245	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53863-b-1-b Operator: DCL
Run Time: 04/23/12 15:16:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61372	.00115	.00055	.12817	-.00096	.02176	-.00007
SDev	.00594	.00108	.00114	.00073	.00002	.00076	.00011
%RSD	.96846	94.089	206.60	.56701	1.9453	3.4841	166.75
#1	.61792	.00191	-.00025	.12868	-.00095	.02229	.00001
#2	.60952	.00038	.00135	.12765	-.00098	.02122	-.00015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.670	.00530	.00048	.00590	.51415	.00223	.00399
SDev	.169	.00013	.00003	.00009	.00239	.00008	.00024
%RSD	.68562	2.3704	6.0520	1.5766	.46481	3.4152	6.0603
#1	24.790	.00522	.00046	.00596	.51246	.00228	.00382
#2	24.551	.00539	.00050	.00583	.51584	.00217	.00416

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	1.0151	.02196	.00234	.00488	1.5666	1.5808
SDev	.00210	.0114	.00011	.00029	.00010	.0487	.0093
%RSD	1155.4	1.1248	.51598	12.564	1.9850	3.1091	.58864
#1	-.00130	1.0232	.02204	.00255	.00495	1.6010	1.5874
#2	.00167	1.0070	.02188	.00213	.00481	1.5321	1.5742

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	5.0436	4.7167	.07606	-.00229	-.00063	.01442
SDev	.00020	.0531	.0226	.00037	.00155	.00092	.00099

%RSD	336.15	1.0519	.47881	.49004	67.776	146.04	6.8900
#1	-.00020	5.0811	4.7326	.07633	-.00119	-.00127	.01512
#2	.00008	5.0061	4.7007	.07580	-.00339	.00002	.01372

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00643	.11911	.00568	.00315	-.00329	.00192
SDev	.00011	.00089	.00219	.00073	.00293	.00168
%RSD	1.7640	.74426	38.593	23.312	88.966	87.732
#1	.00651	.11974	.00413	.00367	-.00536	.00073
#2	.00635	.11849	.00723	.00263	-.00122	.00311

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41564	--	--	--	--	--	--
SDev	289.9138	--	--	--	--	--	--
%RSD	.6975117	--	--	--	--	--	--
#1	41359	--	--	--	--	--	--
#2	41769	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53863-b-2-b Operator: DCL
Run Time: 04/23/12 15:20:05

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36478	.01703	.00412	.13811	-.00128	.51339	-.00019
SDev	.00338	.00241	.00084	.00047	.00001	.00179	.00017
%RSD	.92564	14.124	20.358	.34256	.88001	.34789	91.637
#1	.36717	.01533	.00353	.13845	-.00128	.51466	-.00007
#2	.36240	.01873	.00471	.13778	-.00127	.51213	-.00031

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	516.60	.10104	.00241	.00023	.12131	.04229	-.00022
SDev	3.08	.00052	.00032	.00006	.00926	.00013	.00144
%RSD	.59556	.51578	13.478	24.830	7.6369	.31699	652.22
#1	518.78	.10141	.00218	.00026	.11476	.04239	.00080
#2	514.42	.10067	.00264	.00019	.12786	.04220	-.00124

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00358	3.2063	.05745	.86018	.39016	162.92	10.023
SDev	.00135	.0146	.00023	.00319	.00231	.76	.048
%RSD	37.685	.45598	.39748	.37104	.59319	.46847	.47597
#1	.00263	3.2167	.05761	.86244	.39180	163.46	10.057
#2	.00454	3.1960	.05729	.85792	.38853	162.38	9.9893

Analysis Report 04/23/12 03:23:53 PM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	820.05	468.70	1.0520	.00007	.00342	-.00385
SDev	.00039	4.56	2.93	.0036	.00374	.00153	.00008
%RSD	50.909	.55551	.62505	.34224	5230.4	44.733	1.9783
#1	-.00103	823.27	470.77	1.0545	-.00257	.00450	-.00391
#2	-.00049	816.83	466.63	1.0494	.00271	.00234	-.00380

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01247	.25260	.00226	-.00146	.00299	.00388
SDev	.00019	.00082	.00428	.00001	.00301	.00052
%RSD	1.5088	.32376	189.51	.96183	100.69	13.350
#1	.01261	.25318	.00528	-.00145	.00086	.00351
#2	.01234	.25202	-.00077	-.00147	.00512	.00424

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37920	--	--	--	--	--	--
SDev	121.6224	--	--	--	--	--	--
%RSD	.3207341	--	--	--	--	--	--
#1	37834	--	--	--	--	--	--
#2	38006	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53863-b-3-b Operator: DCL
Run Time: 04/23/12 15:23:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30557	.01151	.00287	.13557	-.00127	.44573	-.00007
SDev	.00083	.00008	.00027	.00060	.00002	.00309	.00003
%RSD	.27089	.70555	9.3382	.43965	1.2885	.69214	39.097
#1	.30615	.01146	.00268	.13599	-.00129	.44791	-.00009
#2	.30498	.01157	.00306	.13515	-.00126	.44355	-.00005

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	400.19	.06677	.00199	.00238	.11133	.03519	-.00054
SDev	2.29	.00054	.00001	.00014	.00106	.00018	.00012
%RSD	.57326	.80311	.33423	5.7548	.95126	.51946	21.931
#1	401.81	.06715	.00199	.00228	.11058	.03532	-.00063
#2	398.57	.06639	.00199	.00248	.11208	.03506	-.00046

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	3.1731	.04385	.64240	.27965	126.61	9.2174
SDev	.00037	.0223	.00022	.00289	.00308	.71	.0538
%RSD	25.204	.70199	.51261	.44966	1.1001	.56047	.58381

#1	.00171	3.1888	.04401	.64444	.28182	127.11	9.2555
#2	.00119	3.1573	.04369	.64035	.27747	126.11	9.1794

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	683.24	412.61	.83259	.00415	.00194	-.00278
SDev	.00011	5.05	2.30	.00383	.00091	.00043	.00005
%RSD	617.06	.73841	.55796	.45962	21.869	22.341	1.9220
#1	.00006	686.81	414.24	.83530	.00351	.00225	-.00275
#2	-.00009	679.67	410.98	.82989	.00479	.00164	-.00282

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00982	.16372	.00041	-.00102	.00106	.00165
SDev	.00005	.00093	.00163	.00064	.00115	.00113
%RSD	.47523	.56690	402.82	62.817	109.52	68.263
#1	.00985	.16437	-.00075	-.00057	.00024	.00245
#2	.00979	.16306	.00156	-.00147	.00187	.00085

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38512	--	--	--	--	--	--
SDev	197.2828	--	--	--	--	--	--
%RSD	.5122565	--	--	--	--	--	--
#1	38373	--	--	--	--	--	--

#2	38652	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 15:27:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5123	.54490	.52598	.54162	.47029	.53987	.55758
SDev	.0008	.00104	.00157	.00078	.00024	.00166	.00086
%RSD	.03108	.19175	.29796	.14469	.05068	.30714	.15500
#1	2.5117	.54416	.52709	.54106	.47046	.53870	.55819
#2	2.5128	.54564	.52487	.54217	.47012	.54104	.55697

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.676	.48005	.48122	.48641	2.7730	.50096	.51402
SDev	.009	.00084	.00065	.00002	.0156	.00014	.00167
%RSD	.06795	.17489	.13582	.00425	.56419	.02732	.32479
#1	12.670	.48065	.48168	.48642	2.7841	.50087	.51284
#2	12.682	.47946	.48075	.48639	2.7620	.50106	.51520

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50557	4.9503	.49631	.52836	.57088	13.186	.97714
SDev	.00134	.0112	.00009	.00133	.00362	.009	.00081
%RSD	.26434	.22580	.01785	.25247	.63365	.06805	.08240
#1	.50462	4.9582	.49625	.52930	.57344	13.180	.97771
#2	.50651	4.9424	.49637	.52742	.56832	13.193	.97657

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25422	13.191	12.845	.27236	.58909	.49602	.52392
SDev	.00022	.092	.034	.00050	.00137	.00208	.00035
%RSD	.08526	.70085	.26778	.18232	.23341	.41890	.06703
#1	.25438	13.257	12.821	.27201	.58811	.49749	.52367
#2	.25407	13.126	12.869	.27272	.59006	.49455	.52416

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49539	.54864	.46931	.53638	.45746	.52968
SDev	.00081	.00228	.00198	.00152	.00054	.00173
%RSD	.16273	.41566	.42104	.28268	.11844	.32731
#1	.49596	.54703	.46791	.53531	.45707	.52845
#2	.49482	.55025	.47071	.53745	.45784	.53090

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41218	--	--	--	--	--	--
SDev	5.656854	--	--	--	--	--	--

%RSD	.0137242	--	--	--	--	--	--
#1	41222	--	--	--	--	--	--
#2	41214	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 15:31:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11351	-.00067	.00047	.00013	-.00116	.00224	-.00013
SDev	.00135	.00293	.00006	.00011	.00005	.00162	.00006
%RSD	1.1863	435.39	11.947	81.785	4.1627	72.330	45.878
#1	.11446	.00140	.00051	.00020	-.00119	.00339	-.00009
#2	.11256	-.00275	.00043	.00005	-.00112	.00109	-.00018

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00787	.00010	.00022	-.00374	.01019	.00100	.00049
SDev	.00747	.00015	.00005	.00045	.01934	.00018	.00046
%RSD	94.890	148.14	21.718	12.103	189.72	17.996	94.268

#1	-.01315	.00021	.00025	-.00342	-.00348	.00112	.00082
#2	-.00259	-.00000	.00018	-.00406	.02386	.00087	.00016

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.07406	.00002	.00175	-.00056	.36908	-.00428
SDev	.00244	.01590	.00006	.00060	.00052	.09540	.00333
%RSD	2165.5	21.475	340.09	34.151	91.440	25.848	77.827
#1	-.00184	.08531	.00006	.00218	-.00093	.43654	-.00192
#2	.00161	.06281	-.00003	.00133	-.00020	.30162	-.00664

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.04530	.05978	-.00006	.00071	.00034	-.00014
SDev	.00008	.01957	.00031	.00000	.00174	.00029	.00018
%RSD	141.18	43.207	.51409	1.3799	245.87	87.177	131.17
#1	.00000	-.05913	.06000	-.00006	.00194	.00013	-.00001
#2	.00012	-.03146	.05957	-.00006	-.00052	.00054	-.00027

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00090	-.00011	.00079	-.00186	.00076
SDev	.00008	.00010	.00081	.00110	.00475	.00128
%RSD	25.726	11.542	715.75	138.69	255.89	169.02
#1	.00036	.00083	-.00068	.00157	-.00522	-.00015
#2	.00025	.00097	.00046	.00002	.00150	.00167

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	40760	--	--	--	--	--	--
SDev	756.6042	--	--	--	--	--	--
%RSD	1.856242	--	--	--	--	--	--
#1	40225	--	--	--	--	--	--
#2	41295	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53863-b-5-b Operator: DCL
Run Time: 04/23/12 15:35:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30362	.01913	.00248	.12725	-.00137	.42393	-.00000
SDev	.00423	.00332	.00075	.00056	.00000	.00115	.00005
%RSD	1.3941	17.366	30.108	.44285	.29063	.27249	1855.1
#1	.30661	.02148	.00301	.12764	-.00137	.42474	-.00004
#2	.30062	.01678	.00195	.12685	-.00137	.42311	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	530.05	.08817	.00349	.00143	.06616	.03743	-.00071
SDev	3.24	.00045	.00020	.00037	.00537	.00018	.00071
%RSD	.61181	.51065	5.6119	25.618	8.1160	.47681	99.882
#1	532.35	.08848	.00363	.00169	.06236	.03755	-.00021
#2	527.76	.08785	.00335	.00117	.06995	.03730	-.00122

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00258	3.3978	.06501	.87014	.42470	215.03	10.909
SDev	.00156	.0298	.00046	.00080	.00132	1.14	.059
%RSD	60.492	.87712	.70604	.09189	.31049	.53163	.54069
#1	.00148	3.4189	.06534	.87070	.42563	215.84	10.951
#2	.00369	3.3768	.06469	.86957	.42376	214.22	10.868

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	756.58	444.39	1.3531	-.00026	.00240	-.00425
SDev	.00006	4.17	2.71	.0053	.00007	.00093	.00001
%RSD	19.950	.55162	.60922	.39501	27.936	38.726	.34583
#1	-.00033	759.53	446.31	1.3569	-.00021	.00306	-.00424
#2	-.00025	753.63	442.48	1.3493	-.00031	.00174	-.00426

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00906	.25345	-.00160	-.00027	-.00192	.00483
SDev	.00023	.00112	.00008	.00103	.00025	.00222
%RSD	2.5096	.44294	5.1757	379.93	12.878	45.905
#1	.00922	.25424	-.00154	.00046	-.00210	.00326
#2	.00890	.25266	-.00166	-.00100	-.00175	.00640

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38026	--	--	--	--	--	--
SDev	217.0818	--	--	--	--	--	--
%RSD	.5708848	--	--	--	--	--	--
#1	37872	--	--	--	--	--	--
#2	38179	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53862-c-1-b Operator: DCL
Run Time: 04/23/12 15:39:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57415	-.00082	.00061	.07132	-.00129	.07556	-.00007
SDev	.07143	.00015	.00081	.00736	.00014	.00855	.00014

%RSD	12.441	17.860	132.57	10.318	10.659	11.311	196.81
#1	.62466	-.00071	.00119	.07653	-.00138	.08160	-.00017
#2	.52364	-.00092	.00004	.06612	-.00119	.06952	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.599	.00051	.00010	.00002	.61578	.00831	.00151
SDev	4.212	.00001	.00007	.00059	.06084	.00140	.00016
%RSD	10.125	2.4260	73.267	2510.6	9.8797	16.849	10.709
#1	44.578	.00052	.00015	.00044	.65880	.00931	.00162
#2	38.621	.00050	.00005	-.00039	.57276	.00732	.00139

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00146	4.0777	.04586	.00446	.00283	6.5672	4.4025
SDev	.00098	.4647	.00469	.00100	.00011	.8754	.4803
%RSD	67.222	11.396	10.235	22.318	3.7985	13.330	10.909
#1	-.00077	4.4063	.04918	.00516	.00290	7.1862	4.7421
#2	-.00215	3.7491	.04254	.00376	.00275	5.9482	4.0629

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	25.651	23.906	.31621	-.00389	.00057	.01354
SDev	.00077	2.457	2.215	.03216	.00250	.00132	.00169
%RSD	111.21	9.5790	9.2646	10.171	64.288	232.81	12.494
#1	-.00124	27.389	25.472	.33895	-.00212	.00150	.01474
#2	-.00015	23.914	22.340	.29347	-.00565	-.00037	.01235

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00328	.03349	.00400	.00026	-.00440	.00001
SDev	.00028	.00350	.00186	.00069	.00309	.00301
%RSD	8.5495	10.447	46.588	265.76	70.087	23049.
#1	.00347	.03596	.00532	-.00023	-.00658	.00214

#2	.00308	.03102	.00268	.00075	-.00222	-.00212

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37832	--	--	--	--	--	--
SDev	3124.705	--	--	--	--	--	--
%RSD	8.259314	--	--	--	--	--	--
#1	35623	--	--	--	--	--	--
#2	40042	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53862-c-2-b Operator: DCL
Run Time: 04/23/12 15:43:10
Comment: TRACE 61E

Analysis Report 04/23/12 03:46:58 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11625	-.00073	-.00045	.03060	-.00121	.08953	-.00015
SDev	.00106	.00093	.00117	.00010	.00001	.00077	.00002
%RSD	.90998	127.49	260.25	.31185	.97533	.85766	10.650
#1	.11550	-.00139	.00038	.03067	-.00122	.09008	-.00016
#2	.11699	-.00007	-.00127	.03053	-.00120	.08899	-.00014

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.042	.00006	-.00037	-.00246	.01772	.00593	.00012
SDev	.138	.00023	.00010	.00002	.00395	.00010	.00015
%RSD	.72650	355.53	27.761	.73475	22.303	1.6670	131.40
#1	19.140	-.00010	-.00030	-.00247	.02051	.00600	.00022
#2	18.944	.00023	-.00044	-.00244	.01492	.00586	.00001

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00204	1.9409	.00248	.00054	-.00020	4.8776	2.1358
SDev	.00120	.0169	.00000	.00052	.00020	.0615	.0156
%RSD	59.013	.86982	.00276	95.975	99.432	1.2613	.73131
#1	.00119	1.9528	.00248	.00017	-.00034	4.9211	2.1468
#2	.00289	1.9289	.00248	.00090	-.00006	4.8341	2.1247

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	22.383	20.918	.15615	-.00335	-.00005	-.00027
SDev	.00001	.130	.155	.00103	.00069	.00026	.00013
%RSD	1.5032	.58046	.74274	.66267	20.668	535.92	48.795
#1	-.00043	22.475	21.028	.15688	-.00384	-.00023	-.00036
#2	-.00042	22.291	20.809	.15542	-.00286	.00014	-.00018

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.03291	.00286	-.00126	-.00350	.00481
SDev	.00006	.00003	.00056	.00005	.00109	.00235

%RSD	32.021	.08604	19.405	3.8867	31.100	48.853
#1	.00024	.03289	.00326	-.00129	-.00273	.00315
#2	.00015	.03293	.00247	-.00122	-.00427	.00648

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41012	--	--	--	--	--	--
SDev	330.2189	--	--	--	--	--	--
%RSD	.8051860	--	--	--	--	--	--
#1	40778	--	--	--	--	--	--
#2	41245	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53630-f-1-e Operator: DCL
Run Time: 04/23/12 15:47:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4099	.00443	.00287	.04832	-.00113	.02545	-.00006
SDev	.0085	.00215	.00180	.00060	.00003	.00028	.00004
%RSD	.60058	48.568	62.633	1.2343	2.3245	1.0886	59.681
#1	1.4039	.00291	.00414	.04790	-.00111	.02526	-.00009
#2	1.4159	.00595	.00160	.04875	-.00115	.02565	-.00004

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.169	.00113	.00059	-.00031	.90448	.00279	.00160
SDev	.366	.00015	.00003	.00020	.01364	.00009	.00003
%RSD	1.1391	12.848	4.8365	64.482	1.5076	3.3251	1.7516
#1	31.910	.00103	.00061	-.00045	.89484	.00272	.00158
#2	32.428	.00124	.00057	-.00017	.91412	.00285	.00162

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	3.1551	.02349	.00202	.00074	9.9926	4.6836
SDev	.00028	.0419	.00030	.00021	.00059	.1386	.0322
%RSD	24.971	1.3290	1.2710	10.338	79.729	1.3870	.68659
#1	.00133	3.1254	.02328	.00188	.00032	9.8946	4.6608
#2	.00093	3.1847	.02370	.00217	.00116	10.091	4.7063

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	7.9781	7.6026	.12004	-.00236	-.00049	.04265
SDev	.00009	.0754	.0903	.00139	.00107	.00004	.00011
%RSD	26.678	.94449	1.1874	1.1547	45.550	8.4725	.26557
#1	-.00041	7.9248	7.5388	.11906	-.00160	-.00046	.04273
#2	-.00028	8.0314	7.6664	.12102	-.00312	-.00052	.04257

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00562	.03796	.00260	.00110	.00048	.00145
SDev	.00013	.00041	.00100	.00046	.00094	.00089
%RSD	2.2978	1.0890	38.366	41.392	195.97	61.313
#1	.00571	.03767	.00189	.00143	-.00018	.00208
#2	.00553	.03826	.00330	.00078	.00114	.00082

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41369	--	--	--	--	--	--

SDev	489.3179	--	--	--	--	--	--
%RSD	1.182813	--	--	--	--	--	--
#1	41715	--	--	--	--	--	--
#2	41023	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/23/12 15:50:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5161	.54814	.53020	.54737	.46771	.54372	.56199
SDev	.0168	.00034	.00236	.00211	.00225	.00124	.00293
%RSD	.66577	.06254	.44513	.38503	.48113	.22887	.52110
#1	2.5279	.54789	.53187	.54886	.46930	.54460	.56406
#2	2.5042	.54838	.52853	.54588	.46612	.54284	.55992

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.665	.47865	.47904	.48453	2.7768	.50369	.51593
SDev	.067	.00232	.00332	.00273	.0369	.00248	.00222
%RSD	.52968	.48429	.69280	.56397	1.3293	.49320	.43009
#1	12.712	.48029	.48138	.48646	2.8029	.50545	.51750
#2	12.617	.47701	.47669	.48260	2.7507	.50194	.51436

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50669	4.9332	.49689	.52710	.57904	13.279	.97760
SDev	.00528	.0313	.00282	.00306	.00788	.075	.00607
%RSD	1.0418	.63396	.56753	.58044	1.3613	.56494	.62122
#1	.51042	4.9553	.49888	.52926	.58461	13.332	.98190
#2	.50296	4.9111	.49490	.52494	.57346	13.226	.97331

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25467	13.014	12.860	.27486	.59212	.49574	.52589
SDev	.00222	.212	.066	.00111	.00097	.00177	.00272
%RSD	.87134	1.6261	.51063	.40271	.16373	.35667	.51758
#1	.25624	13.163	12.906	.27564	.59144	.49699	.52781

#2	.25310	12.864	12.813	.27408	.59281	.49449	.52397

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49483	.55009	.46697	.54041	.45035	.53492
SDev	.00231	.00289	.00478	.00094	.00519	.00532
%RSD	.46658	.52501	1.0244	.17330	1.1521	.99531
#1	.49646	.55214	.47036	.54108	.45402	.53868
#2	.49319	.54805	.46359	.53975	.44668	.53115

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41127	--	--	--	--	--	--
SDev	313.9554	--	--	--	--	--	--
%RSD	.7633803	--	--	--	--	--	--
#1	40905	--	--	--	--	--	--
#2	41349	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/23/12 15:54:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11972	.00077	-.00139	.00013	-.00122	.00183	-.00011
SDev	.00158	.00088	.00172	.00004	.00000	.00048	.00002
%RSD	1.3214	113.87	124.33	31.473	.00346	26.180	16.573
#1	.11861	.00140	-.00260	.00015	-.00122	.00217	-.00013
#2	.12084	.00015	-.00017	.00010	-.00122	.00149	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01524	.00027	-.00044	-.00378	-.00966	.00082	.00070
SDev	.00053	.00010	.00006	.00026	.00078	.00001	.00051
%RSD	3.5029	35.812	12.838	6.8061	8.0992	1.1048	73.418
#1	-.01562	.00034	-.00040	-.00360	-.01021	.00082	.00034
#2	-.01487	.00020	-.00048	-.00397	-.00911	.00083	.00106

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	.06396	.00009	.00100	-.00072	.30004	-.00279
SDev	.00098	.00059	.00000	.00075	.00027	.01243	.00142
%RSD	134.50	.92288	.20592	74.863	37.396	4.1438	51.013
#1	.00142	.06354	.00009	.00153	-.00091	.29125	-.00178
#2	.00004	.06438	.00009	.00047	-.00053	.30883	-.00379

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	-.22768	.04679	-.00008	-.00179	-.00078	-.00013
SDev	.00018	.04789	.00007	.00001	.00436	.00050	.00017

%RSD	30.671	21.035	.14503	12.220	244.37	64.555	133.13
#1	-.00045	-.19382	.04674	-.00007	.00130	-.00042	-.00001
#2	-.00070	-.26155	.04684	-.00008	-.00487	-.00113	-.00024

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00069	-.00083	.00146	-.00554	.00387
SDev	.00047	.00002	.00370	.00108	.00610	.00452
%RSD	159.60	2.3683	445.11	73.878	110.07	116.98

#1	.00063	.00068	-.00345	.00223	-.00986	.00706
#2	-.00004	.00071	.00179	.00070	-.00123	.00067

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41234	--	--	--	--	--	--
SDev	55.86144	--	--	--	--	--	--
%RSD	.1354726	--	--	--	--	--	--
#1	41274	--	--	--	--	--	--
#2	41195	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/23/12 16:09:29
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	484.59	.00039	.00006	.00186	-.00149	-.00034	-.00899
SDev	.52	.00106	.00044	.00012	.00000	.00086	.00056
%RSD	.10654	269.33	708.85	6.5871	.22940	249.03	6.1988
#1	484.22	.00114	.00037	.00177	-.00149	-.00095	-.00859
#2	484.95	-.00036	-.00025	.00195	-.00149	.00026	-.00938

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	450.04	.00100	.00002	.00867	206.69	.00533	.00215
SDev	1.94	.00035	.00047	.00061	.47	.00013	.00159
%RSD	.43058	35.528	2575.0	7.0589	.22739	2.3808	73.572
#1	448.67	.00075	.00035	.00824	206.35	.00524	.00103
#2	451.42	.00125	-.00031	.00910	207.02	.00542	.00328

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01449	488.02	-.00687	-.00024	.00070	.41616	.00581
SDev	.00045	2.29	.00000	.00301	.00052	.07240	.00225
%RSD	3.1305	.46840	.04893	1261.0	74.631	17.397	38.706
#1	-.01481	486.40	-.00687	.00189	.00106	.36496	.00422
#2	-.01417	489.63	-.00687	-.00237	.00033	.46735	.00740

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.30043	.23805	-.00883	.02216	-.00269	-.00404
SDev	.00042	.05592	.00741	.00000	.01136	.00715	.00014
%RSD	146.96	18.613	3.1107	.05377	51.268	265.23	3.4285
#1	.00001	.33997	.23281	-.00883	.03020	.00236	-.00414
#2	-.00059	.26089	.24328	-.00883	.01413	-.00775	-.00395

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00436	-.00807	.01006	-.00180	-.00817	-.01765
SDev	.00037	.00020	.00314	.00081	.00337	.00101
%RSD	8.4651	2.5269	31.225	44.895	41.301	5.7028
#1	.00410	-.00822	.00784	-.00237	-.01056	-.01694
#2	.00463	-.00793	.01228	-.00123	-.00578	-.01837

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37212	--	--	--	--	--	--
SDev	267.2864	--	--	--	--	--	--
%RSD	.7182800	--	--	--	--	--	--

#1	37401	--	--	--	--	--	--
#2	37023	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 04/23/12 16:13:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	498.63	1.1464	1.0835	1.1534	.45733	1.1573	.51973
SDev	.10	.0058	.0016	.0015	.00012	.0017	.00092
%RSD	.02019	.50762	.14657	.12705	.02563	.14379	.17631
#1	498.70	1.1423	1.0847	1.1524	.45741	1.1561	.52038
#2	498.56	1.1505	1.0824	1.1545	.45724	1.1585	.51908

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	461.29	.93766	.89702	1.0334	218.96	1.2913	1.0137
SDev	.99	.00127	.00084	.0004	.13	.0009	.0060
%RSD	.21541	.13562	.09376	.03880	.05820	.06608	.59328
#1	461.99	.93856	.89761	1.0336	219.05	1.2907	1.0179
#2	460.58	.93676	.89643	1.0331	218.87	1.2919	1.0094

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0043	503.35	.98812	1.0523	1.0654	15.825	1.0566
SDev	.0015	.80	.00111	.0014	.0026	.029	.0014
%RSD	.15091	.15956	.11214	.13415	.24206	.18118	.13049

#1	1.0032	503.92	.98891	1.0513	1.0672	15.846	1.0576
#2	1.0054	502.78	.98734	1.0533	1.0636	15.805	1.0557
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55879	12.587	14.491	.55736	1.1879	.97532	1.0545
SDev	.00054	.183	.004	.00019	.0083	.00220	.0001
%RSD	.09688	1.4576	.02575	.03416	.69940	.22514	.01353
#1	.55918	12.717	14.488	.55723	1.1821	.97687	1.0544
#2	.55841	12.458	14.494	.55750	1.1938	.97377	1.0546
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.97939	1.0991	.91452	1.0633	.88620	1.0634	
SDev	.00082	.0005	.01256	.0027	.00285	.0037	
%RSD	.08337	.04881	1.3733	.25784	.32217	.34804	
#1	.97997	1.0987	.92340	1.0652	.88822	1.0608	
#2	.97881	1.0994	.90564	1.0613	.88418	1.0660	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37098	--	--	--	--	--	--
SDev	169.7056	--	--	--	--	--	--
%RSD	.4574522	--	--	--	--	--	--
#1	36978	--	--	--	--	--	--
#2	37218	--	--	--	--	--	--

Method: 20076010 04/24/12 08:36:23 AM page 1

METHOD INFORMATION **

Sample Introduction Device: Normal
Calibration Mode: Concentration

Default Setup:

Number of Repeats : 2	Auto-store Analysis Data? Yes
Flush Time (sec) : 45.0	Auto-store Stdzn Data? Yes
Auto-Increment Sample Names? No	Store Individual Repeats? No
	Auto-print Analysis Data? Yes
	Auto-print Stdzn Report : +Readback
	Condensed Print Format? Yes

Default File Names:

Analysis Data File : A042412	Autosampler Table : TRAVIS
	Sample Limits Table : LCTAB
Calibration Data File : CALDATA	Blank Limits Table : BLCTAB
Calibration Stds Table : CALSTDS	QC Check Table : LCTAB

Standardization Rpt. 04/24/12 09:08:09 AM page 1

Method: 20076010 Standard: S0
Run Time: 04/24/12 09:04:45

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.00516	.00036	-.00131	.00005	-.01772	.00186	.00047
SDev	.00011	.00135	.00171	.00021	.00056	.00278	.00422
%RSD	2.1092	379.23	130.54	418.46	3.1330	148.98	904.55
#1	.00508	-.00060	-.00252	-.00010	-.01733	-.00010	-.00252
#2	.00523	.00131	-.00010	.00020	-.01812	.00382	.00345

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	.00578	-.00019	-.00062	.00472	-.00152	.07617	.04110
SDev	.00018	.00012	.00031	.00034	.00211	.00084	.00052
%RSD	3.1849	65.419	50.270	7.1117	139.08	1.1081	1.2531
#1	.00565	-.00027	-.00085	.00448	-.00301	.07558	.04074
#2	.00591	-.00010	-.00040	.00496	-.00003	.07677	.04147

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	.00001	-.00021	-.00179	.48358	.03267	-.00042	-.00182
SDev	.00005	.00072	.00061	.00561	.00001	.00039	.00069
%RSD	418.46	344.67	33.921	1.1609	.02227	91.078	38.064
#1	-.00002	-.00072	-.00222	.47961	.03267	-.00070	-.00232
#2	.00005	.00030	-.00136	.48754	.03266	-.00015	-.00133

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	.24188	-.00266	-.00133	.00012	-.00250	-.00003	.00447
SDev	.00178	.00049	.00038	.00140	.00012	.00000	.00033
%RSD	.73631	18.531	28.646	1187.8	4.9216	.73631	7.4688
#1	.24062	-.00301	-.00159	-.00087	-.00259	-.00002	.00423
#2	.24314	-.00231	-.00106	.00111	-.00242	-.00003	.00471

Elem	2203/1	2203/2	1960/1	1960/2
Avge	.00779	-.00232	-.00359	.00178

SDev	.00286	.00120	.00261	.00019
%RSD	36.769	51.856	72.737	10.692
#1	.00981	-.00147	-.00174	.00164
#2	.00576	-.00317	-.00544	.00191

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39950	--	--	--	--	--	--
SDev	294.1564	--	--	--	--	--	--
%RSD	.7363114	--	--	--	--	--	--
#1	40158	--	--	--	--	--	--
#2	39742	--	--	--	--	--	--

Method: 20076010 Standard: STD
Run Time: 04/24/12 09:08:59

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Avge	.84829	.94163	1.1030	11.658	23.045	6.5869	14.021
SDev	.00100	.00080	.0016	.022	.013	.0067	.021
%RSD	.11770	.08441	.14947	.18979	.05541	.10202	.15097
#1	.84899	.94220	1.1042	11.673	23.054	6.5916	14.036
#2	.84758	.94107	1.1019	11.642	23.036	6.5821	14.006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Mg2790
Avge	2.8598	2.1555	1.2861	1.2460	4.6878	18.857	1.2907
SDev	.0032	.0024	.0017	.0020	.0001	.029	.0011
%RSD	.11152	.11309	.13526	.16068	.00109	.15219	.08792
#1	2.8621	2.1572	1.2873	1.2474	4.6877	18.877	1.2915
#2	2.8576	2.1538	1.2848	1.2446	4.6878	18.836	1.2899

Elem	Mn2576	Mo2020	Ni2316	K_7664	Si2881	Ag3280	Na3302
Avge	1.7728	1.5392	6.5811	2.7507	.82694	.71613	.11993
SDev	.0029	.0026	.0326	.0035	.00224	.00100	.00002
%RSD	.16130	.17089	.49593	.12716	.27115	.13994	.01901
#1	1.7748	1.5373	6.6042	2.7532	.82852	.71684	.11991
#2	1.7708	1.5411	6.5580	2.7482	.82535	.71543	.11995

Elem	Na5889	Sr4215	Tl1908	Sn1899	Ti3349	V_2924	Zn2138
Avge	15.424	40.170	.30651	2.7208	10.636	.53493	3.1239
SDev	.027	.072	.00041	.0065	.018	.00098	.0021
%RSD	.17802	.17832	.13451	.23967	.16732	.18372	.06766
#1	15.444	40.221	.30622	2.7254	10.649	.53562	3.1254
#2	15.405	40.119	.30680	2.7162	10.624	.53423	3.1224

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.7903	7.6094	1.1750	1.0249
SDev	.0006	.0268	.0017	.0080
%RSD	.01632	.35239	.14232	.78130
#1	3.7907	7.5904	1.1739	1.0193
#2	3.7899	7.6283	1.1762	1.0306

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39723	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0106806	--	--	--	--	--	--
#1	39720	--	--	--	--	--	--
#2	39726	--	--	--	--	--	--

Method: 20076010 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	STD	S0	23.7211	-.122326	04/24/12 09:08:59
Sb2068	206.838	STD	S0	2.13184	-.000758	04/24/12 09:08:59
As1890	189.042	STD	S0	1.79352	.002346	04/24/12 09:08:59
Ba4934	493.409	STD	S0	.171561	-.000009	04/24/12 09:08:59
Be3130	313.042	STD	S0	.043389	.000769	04/24/12 09:08:59
B_2496	249.678	STD	S0	.303719	-.000566	04/24/12 09:08:59
Cd2265	226.502	STD	S0	.071466	-.000033	04/24/12 09:08:59
Ca3179	317.933	STD	S0	7.00759	-.040524	04/24/12 09:08:59
Cr2677	267.716	STD	S0	.927778	.000174	04/24/12 09:08:59
Co2286	228.616	STD	S0	1.55439	.000971	04/24/12 09:08:59
Cu3247	324.753	STD	S0	1.61036	-.007600	04/24/12 09:08:59
Fe2714	271.441	STD	S0	4.08846	.006211	04/24/12 09:08:59
Li6707	670.784	STD	S0	.106493	-.008112	04/24/12 09:08:59
Pb2203	220.353		NONE	.000000	.000000	*04/24/12 09:08:59
Se1960	196.026		NONE	.000000	.000000	*04/24/12 09:08:59
Mg2790	279.078	STD	S0	16.0056	-.657884	04/24/12 09:08:59
Mn2576	257.610	STD	S0	1.12836	-.000014	04/24/12 09:08:59
Mo2020	202.030	STD	S0	1.29920	.000273	04/24/12 09:08:59
Ni2316	231.604	STD	S0	.303817	.000543	04/24/12 09:08:59
K_7664	766.491	STD	S0	8.82175	-4.26598	04/24/12 09:08:59
Si2881	288.158	STD	S0	2.49485	-.081496	04/24/12 09:08:59
Ag3280	328.068	STD	S0	1.39594	.000592	04/24/12 09:08:59
Na3302	330.232	STD	S0	164.264	.299737	04/24/12 09:08:59
Na5889	588.995	STD	S0	1.31731	-.318635	04/24/12 09:08:59
Sr4215	421.552	STD	S0	.024904	.000066	04/24/12 09:08:59
Tl1908	190.864	STD	S0	6.51791	.008638	04/24/12 09:08:59
Sn1899	189.989	STD	S0	.735112	-.000087	04/24/12 09:08:59
Ti3349	334.941	STD	S0	.187988	.000470	04/24/12 09:08:59
V_2924	292.402	STD	S0	3.70281	.000093	04/24/12 09:08:59
Zn2138	213.856	STD	S0	.641937	-.002869	04/24/12 09:08:59
2203/1	220.351	STD	S0	.531835	-.004141	04/24/12 09:08:59
2203/2	220.352	STD	S0	.261770	.000607	04/24/12 09:08:59
1960/1	196.021	STD	S0	1.69900	.006098	04/24/12 09:08:59
1960/2	196.022	STD	S0	1.95069	-.003468	04/24/12 09:08:59

Method: 20076010

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Sb2068	206.838	S0	.000000	-.000000	.000000
		STD	2.00000	2.00666	-.006658

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	S0	.000000	-.000000	.000000
		STD	2.00000	1.98066	.019338

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	S0	.000000	-.000000	.000000

		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	S0	.000000	.000000	-.000000
		STD	1.00000	1.00064	-.000640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	S0	.000000	-.000000	.000000
		STD	1.00000	1.00198	-.001980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	S0	.000000	-.000000	.000000
		STD	2.00000	1.99894	.001060

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	S0	.000000	-.000000	.000000
		STD	20.0000	19.1720	.828014

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Li6707	670.784	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
			.000000	.000000	.000000

Standardization Readback Report 04/24/12 09:12:26 AM page 5

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg2790	279.078	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000002

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	S0	.000000	-.000000	.000000
		STD	2.00000	2.00038	-.000380

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	S0	.000000	.000000	-.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	S0	.000000	.000000	-.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Si2881	288.158	S0	.000000	-.000000	.000000
		STD	2.00000	1.98159	.018410

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	S0	.000000	.000000	-.000000
		STD	1.00000	1.00027	-.000274

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na5889	588.995	S0	.000000	-.000000	.000000
		STD	20.0000	20.0000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sr4215	421.552	S0	.000000	-.000000	.000000

		STD	1.00000	1.00048	-.000480

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	S0	.000000	-.000000	.000000
		STD	2.00000	2.00644	-.006442

Standardization Readback Report 04/24/12 09:12:26 AM page 6

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	S0	.000000	-.000000	.000000
		STD	2.00000	2.00000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	S0	.000000	.000000	-.000000
		STD	2.00000	1.98084	.019164

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2138	213.856	S0	.000000	-.000000	.000000
		STD	2.00000	2.00245	-.002452

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	S0	.000000	-.000000	.000000
		STD	2.00000	2.01167	-.011672

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	S0	.000000	-.000000	.000000
		STD	2.00000	1.99251	.007490

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	S0	.000000	.000000	-.000000
		STD	2.00000	2.00251	-.002508

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	S0	.000000	-.000000	.000000
		STD	2.00000	1.99584	.004162

Analysis Report 04/24/12 09:16:58 AM page 1

Method: 20076010 Sample Name: S2 met0412cal_00001 Operator: DCL
Run Time: 04/24/12 09:13:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.353	2.0254	2.0240	2.0337	1.0089	2.0310	1.0036

SDev	.071	.0145	.0070	.0089	.0029	.0073	.0030
%RSD	.35040	.71583	.34665	.43647	.29243	.36037	.29520
#1	20.404	2.0356	2.0290	2.0400	1.0110	2.0361	1.0057
#2	20.303	2.0151	2.0191	2.0274	1.0068	2.0258	1.0015

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.075	2.0145	2.0132	2.0415	20.115	2.0439	2.0030
SDev	.047	.0051	.0054	.0108	.047	.0096	.0003
%RSD	.23170	.25198	.26834	.52756	.23578	.46934	.01729
#1	20.108	2.0181	2.0171	2.0491	20.148	2.0507	2.0032
#2	20.043	2.0109	2.0094	2.0339	20.081	2.0371	2.0027

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0235	20.074	2.0109	2.0165	1.9850	20.386	2.0174
SDev	.0010	.043	.0062	.0057	.0088	.079	.0064
%RSD	.04901	.21594	.31005	.28086	.44421	.38895	.31753
#1	2.0228	20.105	2.0153	2.0206	1.9912	20.442	2.0220
#2	2.0242	20.044	2.0065	2.0125	1.9787	20.330	2.0129

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0123	20.252	20.728	1.0134	2.0241	2.0153	2.0188
SDev	.0043	.078	.120	.0042	.0036	.0044	.0066
%RSD	.42439	.38695	.57839	.41121	.17801	.21779	.32503
#1	1.0153	20.196	20.813	1.0163	2.0215	2.0184	2.0234
#2	1.0093	20.307	20.643	1.0104	2.0266	2.0122	2.0141

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0146	2.0165	1.9969	2.0060	2.0125	2.0291
SDev	.0064	.0065	.0050	.0020	.0011	.0009
%RSD	.31523	.32469	.24829	.09769	.05645	.04532
#1	2.0191	2.0212	2.0004	2.0046	2.0117	2.0284
#2	2.0102	2.0119	1.9934	2.0074	2.0133	2.0297

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40663	--	--	--	--	--	--
SDev	113.1371	--	--	--	--	--	--
%RSD	.2782310	--	--	--	--	--	--

#1	40743	--	--	--	--	--	--
#2	40583	--	--	--	--	--	--

Method: 20076010 Sample Name: ICV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 09:17:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5212	.50393	.50334	.50331	.51151	.50606	.50680
SDev	.0149	.00291	.00138	.00307	.00153	.00396	.00117
%RSD	.59041	.57665	.27432	.60948	.29898	.78204	.23094
#1	2.5318	.50599	.50431	.50548	.51259	.50885	.50763
#2	2.5107	.50188	.50236	.50114	.51043	.50326	.50598

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.653	.50426	.50753	.51132	2.5762	.46522	.50210
SDev	.024	.00158	.00103	.00423	.0119	.00279	.00105
%RSD	.18650	.31308	.20213	.82750	.46140	.60068	.20917
#1	12.670	.50537	.50825	.51431	2.5846	.46719	.50284
#2	12.636	.50314	.50680	.50833	2.5677	.46324	.50135

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51160	5.0210	.49740	.51614	.50541	12.276	.97358
SDev	.00193	.0052	.00157	.00158	.00164	.073	.00522
%RSD	.37790	.10397	.31652	.30666	.32542	.59128	.53639
#1	.51296	5.0173	.49851	.51726	.50425	12.328	.97727
#2	.51023	5.0247	.49628	.51502	.50657	12.225	.96988

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25151	12.951	12.228	.25025	.51747	.51389	.51042
SDev	.00201	.037	.165	.00128	.00023	.00052	.00183
%RSD	.79926	.28347	1.3486	.51172	.04402	.10224	.35869
#1	.25293	12.977	12.345	.25115	.51731	.51352	.51171
#2	.25009	12.925	12.112	.24934	.51763	.51426	.50912

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50934	.51187	.50113	.50258	.50521	.51485
SDev	.00137	.00139	.00005	.00160	.00099	.00241
%RSD	.26829	.27155	.00975	.31830	.19557	.46734
#1	.51031	.51285	.50110	.50371	.50591	.51655
#2	.50837	.51088	.50116	.50145	.50452	.51315

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 09:20:49 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40244	--	--	--	--	--	--
SDev	369.8168	--	--	--	--	--	--
%RSD	.9189480	--	--	--	--	--	--
#1	40505	--	--	--	--	--	--
#2	39982	--	--	--	--	--	--

Method: 20076010 Sample Name: ICB Operator: DCL
Run Time: 04/24/12 09:20:52

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00366	.00513	.00202	.00007	.00008	.00290	.00002
SDev	.00269	.00020	.00015	.00006	.00001	.00060	.00000
%RSD	73.708	3.9661	7.6988	81.443	6.2065	20.614	5.3768
#1	.00175	.00527	.00213	.00003	.00008	.00332	.00002
#2	.00556	.00498	.00191	.00011	.00009	.00247	.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00094	.00044	.00021	-.00009	.00274	.00004	.00080
SDev	.00092	.00034	.00052	.00030	.00339	.00002	.00026
%RSD	97.041	78.124	245.89	316.88	123.88	47.653	32.738
#1	-.00159	.00020	-.00016	-.00031	.00514	.00005	.00098
#2	-.00030	.00068	.00058	.00012	.00034	.00003	.00061

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	-.00524	.00007	.00316	.00008	-.01440	.00250
SDev	.00227	.00300	.00000	.00083	.00019	.00063	.00134
%RSD	173.28	57.238	.31045	26.302	240.32	4.3837	53.733
#1	.00292	-.00736	.00007	.00375	.00022	-.01396	.00155
#2	-.00030	-.00312	.00007	.00258	-.00006	-.01485	.00345

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.08001	-.00066	.00002	.00073	-.00004	.00017
SDev	.00000	.01379	.00028	.00003	.00266	.00077	.00010
%RSD	1.4175	17.237	42.654	164.91	362.87	1920.0	57.481
#1	.00007	-.07025	-.00046	-.00000	-.00115	.00050	.00010
#2	.00007	-.08976	-.00086	.00004	.00262	-.00058	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00043	.00099	.00070	.00077	.00158
SDev	.00019	.00037	.00146	.00112	.00038	.00322
%RSD	53.053	86.229	147.55	160.37	49.442	203.38
#1	.00022	.00017	-.00004	.00150	.00104	.00386

#2	.00049	.00069	.00203	-.00009	.00050	-.00069

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40011	--	--	--	--	--	--
SDev	76.36753	--	--	--	--	--	--
%RSD	.1908663	--	--	--	--	--	--
#1	39957	--	--	--	--	--	--
#2	40065	--	--	--	--	--	--

Method: 20076010 Sample Name: CRI met0212low_00003 Operator: DCL
Run Time: 04/24/12 09:24:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09615	.01003	.00959	.00958	.00526	.01157	.00530
SDev	.00121	.00188	.00004	.00003	.00003	.00060	.00004
%RSD	1.2546	18.789	.44904	.30686	.55343	5.2068	.79474
#1	.09700	.01137	.00956	.00960	.00528	.01199	.00533
#2	.09529	.00870	.00962	.00956	.00524	.01114	.00527

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10724	.00952	.00955	.00896	.09339	.00764	.00935
SDev	.00018	.00030	.00048	.00033	.00870	.00016	.00068
%RSD	.16979	3.1673	5.0125	3.6586	9.3150	2.0513	7.3227
#1	.10737	.00973	.00921	.00920	.08724	.00775	.00887
#2	.10711	.00930	.00989	.00873	.09955	.00753	.00984

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00997	.09018	.00959	.01056	.00940	.57185	.01253
SDev	.00046	.01012	.00005	.00014	.00038	.05806	.00102
%RSD	4.6230	11.219	.50389	1.3140	4.0652	10.153	8.1168
#1	.01029	.09734	.00962	.01065	.00913	.61290	.01324
#2	.00964	.08303	.00955	.01046	.00967	.53079	.01181

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00506	.49624	.54855	.00428	.00976	.00830	.00968
SDev	.00047	.00358	.00482	.00001	.00208	.00048	.00003
%RSD	9.2184	.72084	.87888	.33002	21.340	5.7283	.33117
#1	.00473	.49371	.55196	.00429	.01123	.00797	.00966
#2	.00539	.49877	.54514	.00427	.00828	.00864	.00971

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00924	.00771	.00925	.00941	.00640	.01175

SDev	.00023	.00015	.00260	.00027	.00122	.00130
%RSD	2.5296	1.9609	28.053	2.8711	19.140	11.090
#1	.00941	.00760	.00741	.00960	.00553	.01267
#2	.00907	.00782	.01108	.00921	.00726	.01083

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40120	--	--	--	--	--	--
SDev	451.8413	--	--	--	--	--	--
%RSD	1.126210	--	--	--	--	--	--
#1	39801	--	--	--	--	--	--

#2	40440	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/24/12 09:28:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	513.56	.00178	.00107	.00179	-.00002	-.00159	-.00500
SDev	1.42	.00148	.00246	.00007	.00001	.00122	.00010
%RSD	.27649	83.666	230.26	4.0432	56.922	76.908	2.0782
#1	514.56	.00283	.00280	.00173	-.00002	-.00245	-.00493
#2	512.56	.00072	-.00067	.00184	-.00001	-.00072	-.00508

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	460.36	.00174	-.00007	.01273	197.34	.00414	.00190
SDev	1.00	.00066	.00039	.00018	.77	.00006	.00147
%RSD	.21644	37.784	534.27	1.4129	.39119	1.4083	77.678
#1	461.06	.00127	.00020	.01260	197.89	.00418	.00085
#2	459.65	.00220	-.00034	.01285	196.80	.00410	.00294

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00181	517.76	-.00764	.00111	.00071	.09664	.01439
SDev	.00091	1.17	.00003	.00079	.00106	.01878	.00024
%RSD	50.204	.22691	.40171	70.652	149.90	19.430	1.6869
#1	-.00117	518.60	-.00766	.00167	-.00004	.10991	.01422
#2	-.00245	516.93	-.00762	.00056	.00146	.08336	.01457

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00924	.17796	-.00914	-.01270	-.00214	-.00356
SDev	.00019	.00778	.00257	.00006	.00252	.00299	.00013
%RSD	81.937	84.176	1.4459	.66684	19.859	139.72	3.5575
#1	.00036	.01474	.17978	-.00918	-.01091	-.00003	-.00365
#2	.00010	.00374	.17614	-.00910	-.01448	-.00426	-.00347

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	-.00455	-.01595	.01082	-.00172	-.00185
SDev	.00012	.00007	.00036	.00203	.00031	.00152
%RSD	3.7300	1.5508	2.2857	18.734	18.167	82.073
#1	.00307	-.00450	-.01621	.00938	-.00194	-.00078
#2	.00323	-.00460	-.01569	.01225	-.00150	-.00292

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36470	--	--	--	--	--	--
SDev	222.7386	--	--	--	--	--	--
%RSD	.6107532	--	--	--	--	--	--

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 #1      36312     --        --        --        --        --        --
 #2      36627     --        --        --        --        --        --
-------------------------------------------------------------------------------
Method: 20076010   Sample Name: ICSAB metisb_00074     Operator: DCL
Run Time: 04/24/12 09:32:25
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    516.63    1.0397    1.0262    1.0440    .49886    1.0525    .46922
 SDev      1.19     .0065     .0034     .0024     .00020     .0004    .00082
 %RSD    .23045    .62298    .33297    .22949    .04086    .03905    .17448

 #1      517.47    1.0443    1.0238    1.0457    .49901    1.0522    .46980
 #2      515.78    1.0351    1.0286    1.0423    .49872    1.0528    .46865

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    460.76    .98603    .95071    1.0784    204.22    1.1621    .98794
 SDev       .22    .00033    .00062     .0032       .24     .0044    .00029
 %RSD    .04683    .03390    .06523    .29838    .11576    .37443    .02965

 #1      460.91    .98627    .95114    1.0807    204.38    1.1652    .98774
 #2      460.60    .98580    .95027    1.0761    204.05    1.1591    .98815

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0151    520.93    .98349    1.0131    .92805    14.069    1.0454
 SDev     .0028       .41    .00081     .0012    .00468      .043     .0011
 %RSD    .27488    .07812    .08246    .11748    .50483    .30318    .10668

 #1      1.0171    521.22    .98406    1.0123    .93137    14.099    1.0462
 #2      1.0131    520.64    .98292    1.0140    .92474    14.039    1.0446

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .54583    12.102    13.291    .49816    .98662    1.0067    1.0158
 SDev    .00150      .064      .075    .00107    .00350     .0033     .0003

Analysis Report                          04/24/12 09:36:13 AM         page 7


 %RSD    .27544    .53214    .56749    .21524    .35494    .32957    .02504

 #1      .54689    12.148    13.344    .49892    .98910    1.0091    1.0160
 #2      .54477    12.057    13.237    .49740    .98415    1.0044    1.0156

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.0040    1.0207    .97053    .99665    1.0181    1.0136
 SDev     .0009     .0012    .00364    .00226     .0109     .0013
 %RSD    .09222    .12209    .37525    .22680    1.0713    .12509

 #1      1.0047    1.0216    .97311    .99505    1.0258    1.0127
 #2      1.0034    1.0199    .96796    .99825    1.0104    1.0145

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    37251     --        --        --        --        --        --
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SDev	101.8234	--	--	--	--	--	--
%RSD	.2733440	--	--	--	--	--	--
#1	37323	--	--	--	--	--	--
#2	37179	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 09:36:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5138	.50020	.50239	.49999	.50893	.50332	.50613
SDev	.0177	.00007	.00029	.00133	.00034	.00129	.00125
%RSD	.70219	.01376	.05832	.26641	.06607	.25574	.24760
#1	2.5262	.50025	.50260	.50093	.50917	.50423	.50702
#2	2.5013	.50015	.50218	.49905	.50870	.50241	.50525

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.595	.50140	.50421	.50769	2.5753	.46171	.50031
SDev	.016	.00010	.00095	.00220	.0353	.00097	.00143
%RSD	.12806	.02006	.18881	.43385	1.3704	.20890	.28603
#1	12.606	.50147	.50489	.50925	2.6003	.46239	.50133
#2	12.583	.50132	.50354	.50614	2.5504	.46103	.49930

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50982	5.0362	.49514	.50865	.50177	12.153	.96619
SDev	.00063	.0109	.00052	.00159	.00296	.010	.00019
%RSD	.12347	.21600	.10535	.31334	.59021	.07885	.01987
#1	.50938	5.0439	.49551	.50978	.50386	12.160	.96606
#2	.51027	5.0285	.49477	.50753	.49968	12.146	.96633

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24996	12.860	12.105	.24894	.51721	.50846	.50880
SDev	.00153	.316	.074	.00047	.00196	.00439	.00056
%RSD	.61320	2.4609	.60746	.18924	.37849	.86254	.10910
#1	.25104	13.083	12.156	.24927	.51860	.51156	.50919
#2	.24887	12.636	12.053	.24861	.51583	.50536	.50840

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50624	.51071	.49770	.50162	.50249	.51355
SDev	.00038	.00036	.00221	.00104	.00235	.00023
%RSD	.07527	.07022	.44326	.20803	.46873	.04546
#1	.50651	.51097	.49926	.50236	.50082	.51371
#2	.50597	.51046	.49614	.50088	.50415	.51338

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	40750	--	--	--	--	--	--
SDev	267.9935	--	--	--	--	--	--
%RSD	.6576608	--	--	--	--	--	--
#1	40939	--	--	--	--	--	--
#2	40560	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 09:40:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00827	.00086	.00293	.00001	.00004	.00240	-.00003
SDev	.00690	.00206	.00057	.00014	.00000	.00038	.00018
%RSD	83.378	239.40	19.637	1286.4	9.4082	15.889	694.02
#1	.00340	-.00060	.00252	-.00009	.00004	.00213	-.00016
#2	.01315	.00232	.00334	.00011	.00004	.00267	.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.00019	.00007	-.00037	-.00072	-.00015	-.00003
SDev	.00047	.00050	.00133	.00046	.04509	.00008	.00091
%RSD	32.572	269.23	1879.0	123.11	6290.3	52.721	3482.8
#1	.00111	-.00017	-.00087	-.00069	-.03260	-.00020	.00062
#2	.00177	.00054	.00101	-.00005	.03116	-.00009	-.00067

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	-.00859	.00000	.00256	.00010	-.06258	.00021
SDev	.00208	.00984	.00006	.00035	.00053	.05041	.00370
%RSD	90.853	114.61	110270.	13.508	510.93	80.554	1794.7

#1	.00082	-.01554	-.00004	.00280	-.00027	-.09823	-.00241
#2	.00377	-.00163	.00004	.00231	.00048	-.02694	.00282

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	-.11665	-.00429	.00000	.00177	-.00087	.00012
SDev	.00129	.26441	.00344	.00002	.00063	.00198	.00017
%RSD	363.71	226.68	80.212	599.03	35.780	227.56	138.65
#1	-.00127	-.30361	-.00673	-.00001	.00221	.00053	.00000
#2	.00056	.07032	-.00186	.00002	.00132	-.00227	.00025

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00027	-.00305	.00148	-.00286	.00487
SDev	.00032	.00018	.00247	.00260	.00889	.00132
%RSD	1669.5	66.554	81.149	175.08	310.98	27.131
#1	-.00025	.00014	-.00480	.00332	-.00915	.00580
#2	.00021	.00039	-.00130	-.00035	.00343	.00394

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40331	--	--	--	--	--	--
SDev	332.3402	--	--	--	--	--	--
%RSD	.8240316	--	--	--	--	--	--
#1	40566	--	--	--	--	--	--
#2	40096	--	--	--	--	--	--

Analysis Report 04/24/12 09:58:24 AM page 1

Method: 20076010 Sample Name: mb 600-77724/1-a Operator: DCL
Run Time: 04/24/12 09:54:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05087	.00296	.00070	.00101	.00001	.00117	.00007
SDev	.00358	.00390	.00157	.00002	.00000	.00007	.00006
%RSD	7.0346	131.81	226.38	1.8571	36.567	5.6600	90.578
#1	.04834	.00020	.00181	.00100	.00001	.00112	.00002
#2	.05340	.00571	-.00042	.00102	.00001	.00121	.00011

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15804	.00087	.00017	.00082	.02728	.00072	.00082
SDev	.01261	.00036	.00013	.00041	.00935	.00006	.00118
%RSD	7.9801	40.916	76.282	50.162	34.286	8.2973	142.84
#1	.14912	.00062	.00026	.00053	.03389	.00077	-.00001
#2	.16695	.00112	.00008	.00112	.02067	.00068	.00165

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	.03556	.00069	.00021	.00083	.03309	.00951
SDev	.00080	.00561	.00003	.00009	.00108	.03403	.00064
%RSD	51.167	15.776	4.9277	44.035	129.00	102.87	6.7024
#1	-.00213	.03952	.00067	.00027	.00159	.05715	.00996
#2	-.00100	.03159	.00072	.00014	.00007	.00902	.00906

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.11017	.04171	.00010	-.00512	.02931	.00069
SDev	.00040	.01005	.00914	.00001	.00312	.00112	.00012
%RSD	45.628	9.1197	21.914	12.308	61.077	3.8338	17.509
#1	.00116	.11728	.04817	.00009	-.00732	.03011	.00061
#2	.00059	.10307	.03524	.00011	-.00291	.02852	.00078

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.02075	.00120	.00064	-.00668	.00099
SDev	.00033	.00151	.00089	.00132	.00207	.00017
%RSD	100.02	7.2710	74.041	207.75	30.956	16.851
#1	.00010	.01968	.00057	-.00030	-.00814	.00087
#2	.00056	.02182	.00183	.00157	-.00522	.00111

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39852	--	--	--	--	--	--
SDev	338.7042	--	--	--	--	--	--
%RSD	.8499157	--	--	--	--	--	--

Analysis Report 04/24/12 09:58:24 AM page 2

#1	39612	--	--	--	--	--	--
#2	40091	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-77724/2-a Operator: DCL
Run Time: 04/24/12 09:58:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.690	.95473	1.2953	2.4961	1.5171	.85279	.70024
SDev	3.208	.03734	.0467	.0923	.0514	.02791	.02392
%RSD	3.7440	3.9108	3.6017	3.6986	3.3852	3.2728	3.4154
#1	87.959	.98113	1.3283	2.5614	1.5534	.87252	.71715
#2	83.422	.92833	1.2623	2.4308	1.4808	.83305	.68333

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.169	1.0156	1.3771	1.1010	167.52	.07927	1.3048
SDev	3.037	.0354	.0480	.0417	6.00	.00302	.0449
%RSD	3.3683	3.4889	3.4828	3.7869	3.5805	3.8155	3.4425
#1	92.317	1.0406	1.4110	1.1305	171.76	.08141	1.3365
#2	88.022	.99053	1.3432	1.0715	163.28	.07713	1.2730

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8643	38.584	5.0371	.92873	1.3168	44.607	11.358
SDev	.0728	1.353	.1760	.02913	.0496	1.581	.401
%RSD	3.9024	3.5058	3.4938	3.1369	3.7645	3.5449	3.5315
#1	1.9157	39.541	5.1615	.94933	1.3519	45.725	11.641
#2	1.8129	37.628	4.9126	.90813	1.2818	43.489	11.074

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44957	3.4761	6.3023	2.4436	1.5297	1.5306	3.8000
SDev	.01620	.2439	.2406	.0901	.0554	.0559	.1330
%RSD	3.6040	7.0161	3.8169	3.6869	3.6222	3.6519	3.5001
#1	.46103	3.6485	6.4724	2.5073	1.5689	1.5702	3.8941
#2	.43812	3.3036	6.1322	2.3799	1.4905	1.4911	3.7060

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61634	2.0433	1.2922	1.3111	1.8219	1.8855
SDev	.02186	.0705	.0358	.0495	.0665	.0759
%RSD	3.5462	3.4482	2.7714	3.7732	3.6500	4.0243

#1	.63179	2.0931	1.3175	1.3460	1.8689	1.9392
#2	.60088	1.9935	1.2668	1.2761	1.7749	1.8319

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 10:02:15 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42676	--	--	--	--	--	--
SDev	972.9789	--	--	--	--	--	--
%RSD	2.279921	--	--	--	--	--	--
#1	41988	--	--	--	--	--	--
#2	43364	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53712-a-35-a Operator: DCL
Run Time: 04/24/12 10:02:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	238.50	.01080	.12325	2.5906	.01414	.08196	-.00420
SDev	.26	.00421	.00124	.0029	.00009	.00068	.00001
%RSD	.11036	39.001	1.0061	.11265	.63284	.83121	.30780
#1	238.69	.01378	.12412	2.5927	.01420	.08244	-.00421
#2	238.31	.00782	.12237	2.5886	.01407	.08148	-.00419

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	604.34	.24300	.10522	.18627	280.98	.15534	.25104
SDev	2.37	.00106	.00002	.00013	.71	.00003	.00019
%RSD	.39193	.43622	.01504	.06767	.25370	.01580	.07506
#1	606.02	.24375	.10521	.18636	281.48	.15533	.25091
#2	602.67	.24225	.10524	.18618	280.47	.15536	.25117

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00601	53.179	4.5085	.00327	.23329	54.094	9.2438
SDev	.00148	.157	.0127	.00193	.00088	.009	.0105
%RSD	24.572	.29555	.28066	59.062	.37528	.01578	.11403
#1	.00705	53.290	4.5174	.00463	.23391	54.100	9.2513
#2	.00496	53.067	4.4995	.00190	.23267	54.088	9.2364

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00237	.27191	.64550	.36257	-.02268	.03588	.32947
SDev	.00043	.08620	.00043	.00042	.00165	.00027	.00107
%RSD	18.207	31.701	.06678	.11683	7.2822	.75512	.32423
#1	-.00268	.21096	.64580	.36287	-.02151	.03607	.33022
#2	-.00207	.33286	.64520	.36227	-.02385	.03568	.32871

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.69186	.66694	.23410	.25951	-.00517	.01160

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 SDev    .00195    .00130    .00117    .00087     .00541   .00049
 %RSD    .28132    .19502    .49934    .33415    104.63    4.2442

 #1      .69324    .66786    .23493    .25889    -.00135   .01125

Analysis Report                          04/24/12 10:06:06 AM         page 4


 #2      .69048    .66602    .23328    .26012    -.00900   .01195

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    44520     --        --        --        --        --        --
 SDev    161.9275  --        --        --        --        --        --
 %RSD    .3637144  --        --        --        --        --        --

 #1      44406     --        --        --        --        --        --
 #2      44635     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-53841-c-1-b        Operator: DCL
Run Time: 04/24/12 10:06:09
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    331.55    .00612    .11260    3.6176    .01726    .04400    -.00003
 SDev       .27    .00319    .00483     .0046    .00001    .00045     .00004
 %RSD    .08183    52.121    4.2910    .12643    .05107    1.0153    115.07

 #1      331.74    .00838    .11602    3.6208    .01727    .04432    -.00001
 #2      331.35    .00387    .10918    3.6143    .01726    .04368    -.00006

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1199.1    .27142    .16112    .19098    240.04    .17835    .24112
 SDev        .7    .00013    .00011    .00005       .02    .00030    .00103
 %RSD    .05752    .04791    .07005    .02450    .00890    .16752    .42748

 #1      1198.7    .27151    .16104    .19102    240.05    .17856    .24039
 #2      1199.6    .27133    .16120    .19095    240.02    .17814    .24185

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00575   47.651    16.519    -.00081   .30696    29.647    15.964
 SDev     .00104     .013      .011     .00067   .00046      .055      .006
 %RSD    18.078    .02636    .06390    82.654    .14933    .18403    .03977

 #1      -.00649   47.660    16.526    -.00034   .30728    29.685    15.969
 #2      -.00502   47.642    16.511    -.00128   .30664    29.608    15.960

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00236   1.4096    1.5296    2.6281    -.03017   .03290    .19091
 SDev     .00012    .0711     .0029     .0039     .00082   .00136    .00062
 %RSD    5.1611    5.0420    .18909    .14648    2.7272    4.1178    .32446

 #1      -.00244   1.3594    1.5317    2.6308    -.02958   .03386    .19134
 #2      -.00227   1.4599    1.5276    2.6254    -.03075   .03194    .19047

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
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Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68955	.65060	.22275	.25030	-.01375	-.00175

Analysis Report 04/24/12 10:09:57 AM page 5

SDev	.00014	.00087	.00267	.00021	.00175	.00068
%RSD	.02075	.13404	1.2004	.08354	12.754	38.938
#1	.68965	.64998	.22086	.25015	-.01499	-.00224
#2	.68944	.65121	.22464	.25045	-.01251	-.00127

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46918	--	--	--	--	--	--
SDev	74.24622	--	--	--	--	--	--
%RSD	.1582484	--	--	--	--	--	--
#1	46970	--	--	--	--	--	--
#2	46865	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-2-b Operator: DCL
Run Time: 04/24/12 10:10:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	308.00	.00619	.11474	3.5422	.01724	.03809	-.00161
SDev	.58	.00187	.00196	.0070	.00005	.00024	.00009
%RSD	.18744	30.312	1.7104	.19874	.25902	.62372	5.8807
#1	308.41	.00486	.11613	3.5472	.01727	.03826	-.00154
#2	307.59	.00751	.11336	3.5373	.01720	.03792	-.00168

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	642.32	.25994	.16545	.19128	238.80	.14992	.25385
SDev	1.76	.00058	.00066	.00031	.59	.00014	.00051
%RSD	.27341	.22148	.39992	.16158	.24771	.09395	.19901
#1	643.56	.26035	.16591	.19150	239.22	.15002	.25350
#2	641.08	.25954	.16498	.19106	238.38	.14982	.25421

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00495	42.127	16.165	-.00024	.29350	26.062	9.9536
SDev	.00312	.109	.043	.00076	.00143	.029	.0173
%RSD	62.932	.25974	.26618	320.98	.48537	.11053	.17350
#1	-.00716	42.205	16.196	-.00077	.29451	26.082	9.9658
#2	-.00275	42.050	16.135	.00030	.29249	26.041	9.9413

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00267	1.2600	1.5447	2.0240	-.02840	.03501	.17272
SDev	.00013	.0405	.0023	.0035	.00370	.00071	.00058
%RSD	5.0280	3.2166	.14592	.17052	13.020	2.0409	.33320
#1	-.00258	1.2886	1.5463	2.0264	-.03101	.03551	.17313
#2	-.00277	1.2313	1.5431	2.0215	-.02578	.03450	.17232

Analysis Report 04/24/12 10:13:48 AM page 6

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66329	.63916	.23365	.26395	-.01602	.00058
SDev	.00189	.00047	.00082	.00035	.00557	.00189
%RSD	.28485	.07403	.35283	.13093	34.790	325.94
#1	.66463	.63949	.23307	.26371	-.01996	-.00076
#2	.66196	.63882	.23424	.26420	-.01208	.00192

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	48586	--	--	--	--	--	--
SDev	115.2584	--	--	--	--	--	--
%RSD	.2372280	--	--	--	--	--	--
#1	48504	--	--	--	--	--	--
#2	48667	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-3-b Operator: DCL
Run Time: 04/24/12 10:13:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	293.70	.00630	.10673	3.2405	.01724	.03796	-.00132
SDev	1.42	.00119	.00132	.0139	.00012	.00044	.00008
%RSD	.48398	18.943	1.2367	.42790	.67438	1.1567	5.9568
#1	294.70	.00714	.10767	3.2503	.01732	.03827	-.00127
#2	292.69	.00546	.10580	3.2307	.01715	.03764	-.00138

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	463.11	.25492	.15831	.21796	228.87	.13868	.24165
SDev	2.48	.00158	.00139	.00103	1.30	.00037	.00262
%RSD	.53528	.62023	.87910	.47181	.56684	.26652	1.0855
#1	464.86	.25603	.15929	.21869	229.79	.13894	.24351
#2	461.35	.25380	.15732	.21723	227.95	.13841	.23980

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00613	45.007	15.988	.00070	.29562	28.077	6.6249
SDev	.00061	.256	.103	.00009	.00259	.104	.0319
%RSD	9.9067	.56986	.64243	12.391	.87644	.37148	.48221
#1	-.00570	45.188	16.061	.00064	.29745	28.150	6.6475
#2	-.00656	44.825	15.916	.00076	.29379	28.003	6.6023

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00190	1.0623	1.0890	1.5258	-.02562	.03127	.18650
SDev	.00064	.1676	.0056	.0071	.00069	.00073	.00128

Analysis Report 04/24/12 10:17:40 AM page 7

%RSD	33.662	15.776	.51472	.46515	2.6846	2.3240	.68898
#1	-.00145	1.1808	1.0930	1.5308	-.02610	.03075	.18741
#2	-.00235	.94382	1.0851	1.5208	-.02513	.03178	.18559

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60685	.64187	.22608	.24944	-.02033	.00096
SDev	.00344	.00298	.00379	.00204	.00121	.00152
%RSD	.56639	.46419	1.6758	.81804	5.9432	157.26
#1	.60928	.64397	.22876	.25088	-.02118	.00204
#2	.60442	.63976	.22341	.24799	-.01947	-.00011

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	50358	--	--	--	--	--	--
SDev	557.2001	--	--	--	--	--	--
%RSD	1.106478	--	--	--	--	--	--
#1	49964	--	--	--	--	--	--
#2	50752	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-4-b Operator: DCL
Run Time: 04/24/12 10:17:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	318.26	.00669	.15823	3.5978	.01724	.03922	-.00098
SDev	.99	.00246	.00201	.0132	.00004	.00051	.00007
%RSD	.31173	36.810	1.2728	.36728	.22473	1.2924	7.2096
#1	318.96	.00843	.15966	3.6071	.01727	.03958	-.00093
#2	317.56	.00495	.15681	3.5884	.01721	.03886	-.00103

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	749.97	.27096	.16796	.20006	241.63	.16554	.26091
SDev	.92	.00056	.00069	.00098	.62	.00055	.00036
%RSD	.12315	.20682	.41132	.49157	.25502	.33462	.13883
#1	750.62	.27136	.16845	.20076	242.06	.16593	.26116
#2	749.32	.27056	.16747	.19936	241.19	.16515	.26065

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00729	47.009	17.129	-.00141	.32863	28.997	9.9174
SDev	.00242	.122	.041	.00079	.00025	.064	.0355
%RSD	33.200	.25901	.23776	55.808	.07619	.22159	.35793
#1	-.00558	47.095	17.158	-.00197	.32880	29.043	9.9425
#2	-.00900	46.923	17.100	-.00085	.32845	28.952	9.8923

Analysis Report 04/24/12 10:21:31 AM page 8

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00242	.89333	1.0714	1.6081	-.02935	.03212	.18792
SDev	.00003	.02378	.0031	.0060	.00012	.00030	.00080
%RSD	1.3443	2.6617	.28795	.37232	.39266	.93861	.42509
#1	-.00239	.91015	1.0736	1.6123	-.02943	.03233	.18849
#2	-.00244	.87652	1.0692	1.6038	-.02927	.03191	.18736

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67283	.66003	.24196	.27038	-.01855	-.00167
SDev	.00198	.00198	.00009	.00050	.00858	.00066
%RSD	.29350	.30065	.03493	.18532	46.264	39.564
#1	.67422	.66143	.24202	.27074	-.01248	-.00213
#2	.67143	.65863	.24190	.27003	-.02462	-.00120

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	48562	--	--	--	--	--	--
SDev	207.1823	--	--	--	--	--	--
%RSD	.4266390	--	--	--	--	--	--
#1	48708	--	--	--	--	--	--
#2	48415	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-5-d Operator: DCL
Run Time: 04/24/12 10:21:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	114.77	.00485	.06510	.80853	.00463	.05580	.00326
SDev	.14	.00158	.00213	.00087	.00000	.00005	.00003
%RSD	.12236	32.540	3.2667	.10732	.09301	.08673	.84384
#1	114.87	.00597	.06360	.80914	.00463	.05576	.00328
#2	114.67	.00374	.06660	.80791	.00462	.05583	.00324

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2182.9	.09117	.04661	.05678	97.667	.11157	.08561
SDev	2.9	.00014	.00018	.00016	.021	.00011	.00049
%RSD	.13466	.15654	.38493	.28806	.02185	.09804	.57452
#1	2185.0	.09127	.04673	.05666	97.682	.11165	.08596
#2	2180.8	.09107	.04648	.05689	97.652	.11149	.08527

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00558	28.168	6.7985	.00096	.15173	14.718	16.978
SDev	.00088	.017	.0050	.00003	.00072	.022	.005
%RSD	15.702	.06204	.07332	2.6621	.47258	.14933	.03011

Analysis Report 04/24/12 10:25:22 AM page 9

#1	-.00496	28.181	6.8021	.00098	.15224	14.733	16.981

#2	-.00620	28.156	6.7950	.00094	.15122	14.702	16.974
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00102	4.1396	4.4831	9.9110	-.00834	.03825	.21145
SDev	.00043	.0914	.0084	.0114	.00134	.00051	.00009
%RSD	42.154	2.2070	.18785	.11465	16.112	1.3228	.04227
#1	-.00072	4.2042	4.4891	9.9191	-.00930	.03861	.21139
#2	-.00132	4.0750	4.4772	9.9030	-.00739	.03789	.21152
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.30723	.33728	.07085	.09300	-.00619	-.00527	
SDev	.00005	.00019	.00051	.00048	.00175	.00044	
%RSD	.01770	.05611	.71956	.51927	28.305	8.3001	
#1	.30719	.33715	.07121	.09334	-.00495	-.00496	
#2	.30727	.33741	.07049	.09266	-.00743	-.00558	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38694	--	--	--	--	--	--
SDev	103.9447	--	--	--	--	--	--
%RSD	.2686291	--	--	--	--	--	--
#1	38621	--	--	--	--	--	--
#2	38768	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-5-e du Operator: DCL
Run Time: 04/24/12 10:25:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	120.69	.00290	.06380	.80201	.00497	.04937	.00262
SDev	.22	.00188	.00114	.00138	.00001	.00001	.00000
%RSD	.18319	64.611	1.7868	.17239	.19468	.01758	.01035
#1	120.84	.00423	.06300	.80298	.00498	.04936	.00262
#2	120.53	.00158	.06461	.80103	.00497	.04938	.00262
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2112.6	.09248	.04064	.06316	101.39	.10519	.08825
SDev	8.3	.00035	.00018	.00041	.16	.00015	.00159
%RSD	.39403	.37456	.45491	.65574	.15472	.13991	1.7990
#1	2118.5	.09272	.04077	.06287	101.50	.10530	.08937
#2	2106.7	.09223	.04051	.06345	101.28	.10509	.08713

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00513	26.796	5.3944	.00092	.13389	14.300	14.461
SDev	.00055	.063	.0086	.00040	.00018	.043	.020
%RSD	10.690	.23365	.16002	43.074	.13837	.29863	.13584

#1	-.00474	26.840	5.4005	.00064	.13376	14.330	14.475
#2	-.00552	26.752	5.3883	.00120	.13402	14.270	14.447

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	3.6169	4.0604	8.7090	-.00978	.03782	.17539
SDev	.00001	.0053	.0061	.0125	.00216	.00208	.00038
%RSD	.60664	.14684	.14983	.14305	22.147	5.4874	.21891

#1	-.00189	3.6131	4.0647	8.7179	-.00824	.03929	.17567
#2	-.00187	3.6207	4.0561	8.7002	-.01131	.03636	.17512

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32318	.32549	.07545	.09465	-.00542	-.00498
SDev	.00063	.00072	.00001	.00239	.00132	.00016
%RSD	.19568	.22272	.01104	2.5205	24.257	3.3044

#1	.32363	.32601	.07544	.09633	-.00449	-.00487	
#2	.32274	.32498	.07545	.09296	-.00635	-.00510	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39145	--	--	--	--	--	--
SDev	182.4335	--	--	--	--	--	--
%RSD	.4660456	--	--	--	--	--	--

#1	39016	--	--	--	--	--	--
#2	39274	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-5-f ms Operator: DCL
Run Time: 04/24/12 10:29:17
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	159.74	.24658	.98706	4.2075	.41466	.72867	.38368
SDev	.53	.00157	.00831	.0103	.00100	.00144	.00101
%RSD	.33471	.63771	.84196	.24547	.24139	.19732	.26232

#1	160.12	.24547	.99294	4.2148	.41537	.72969	.38440
#2	159.37	.24770	.98119	4.2002	.41395	.72765	.38297

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2115.0	.91572	.96338	.99592	132.12	.67762	.93167
SDev	3.0	.00223	.00348	.00354	.28	.00253	.00063
%RSD	.14338	.24338	.36158	.35507	.20918	.37383	.06758

#1	2117.2	.91730	.96584	.99842	132.31	.67941	.93123
#2	2112.9	.91414	.96092	.99342	131.92	.67583	.93212

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.83447	41.086	27.607	.78882	1.0699	32.164	16.870
SDev	.00433	.121	.069	.00247	.0020	.134	.048
%RSD	.51916	.29403	.25066	.31355	.18346	.41605	.28486
#1	.83140	41.171	27.656	.79057	1.0685	32.258	16.904
#2	.83753	41.000	27.558	.78707	1.0713	32.069	16.836

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49566	15.424	17.099	10.121	.82226	.76434	.47960
SDev	.00143	.174	.066	.024	.00896	.00517	.00057
%RSD	.28810	1.1305	.38657	.23646	1.0896	.67657	.11818
#1	.49667	15.547	17.146	10.138	.81592	.76800	.48000
#2	.49465	15.301	17.052	10.105	.82859	.76068	.47920

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3269	1.2269	.91006	.94248	.80616	.84862
SDev	.0036	.0031	.00272	.00230	.00455	.00877
%RSD	.26787	.25304	.29840	.24428	.56477	1.0340
#1	1.3294	1.2291	.91198	.94085	.80938	.84242
#2	1.3244	1.2247	.90814	.94411	.80294	.85483

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39474	--	--	--	--	--	--
SDev	48.08326	--	--	--	--	--	--
%RSD	.1218100	--	--	--	--	--	--
#1	39440	--	--	--	--	--	--
#2	39508	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 10:33:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5548	.51499	.51106	.51215	.51032	.51384	.51642
SDev	.0127	.00397	.00062	.00249	.00148	.00278	.00097
%RSD	.49588	.77063	.12154	.48644	.28982	.54133	.18813
#1	2.5637	.51780	.51150	.51391	.51136	.51581	.51710
#2	2.5458	.51219	.51062	.51039	.50927	.51187	.51573

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.899	.50427	.50617	.51464	2.6297	.47562	.50619
SDev	.044	.00189	.00181	.00314	.0234	.00286	.00329
%RSD	.33915	.37486	.35683	.60911	.88980	.60089	.65079
#1	12.930	.50561	.50744	.51685	2.6131	.47764	.50852
#2	12.868	.50293	.50489	.51242	2.6462	.47360	.50386

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51389	5.0526	.49759	.51878	.50440	12.539	1.0034
SDev	.00069	.0069	.00122	.00062	.00178	.073	.0098
%RSD	.13474	.13619	.24474	.11913	.35204	.58082	.98035
#1	.51438	5.0575	.49845	.51921	.50315	12.591	1.0103
#2	.51340	5.0478	.49673	.51834	.50566	12.488	.99643

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25434	13.088	12.529	.25317	.52818	.51301	.51692
SDev	.00022	.103	.127	.00068	.00645	.00067	.00168
%RSD	.08505	.78438	1.0102	.26986	1.2207	.13137	.32558
#1	.25449	13.015	12.619	.25366	.53274	.51253	.51811
#2	.25419	13.160	12.440	.25269	.52362	.51348	.51573

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51136	.52225	.49716	.51071	.49566	.52307
SDev	.00159	.00255	.00196	.00396	.00523	.00365
%RSD	.31180	.48867	.39393	.77581	1.0548	.69836
#1	.51249	.52405	.49855	.51351	.49196	.52565
#2	.51023	.52044	.49578	.50791	.49935	.52048

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40604	--	--	--	--	--	--
SDev	89.80256	--	--	--	--	--	--
%RSD	.2211641	--	--	--	--	--	--
#1	40668	--	--	--	--	--	--
#2	40541	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 10:36:59
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02523	.00337	.00133	.00015	-.00008	.00175	.00004
SDev	.00247	.00088	.00056	.00001	.00000	.00044	.00021

%RSD	9.7999	26.035	41.946	6.7447	4.0962	24.937	594.49
#1	.02698	.00399	.00173	.00015	-.00008	.00206	.00019
#2	.02348	.00275	.00094	.00014	-.00008	.00144	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02740	.00051	.00017	-.00108	.00144	-.00013	.00004
SDev	.01395	.00008	.00065	.00002	.03759	.00014	.00022
%RSD	50.911	16.363	387.25	1.6787	2607.7	110.19	632.12

#1	.03727	.00056	.00062	-.00109	.02802	-.00003	.00019
#2	.01754	.00045	-.00029	-.00107	-.02514	-.00023	-.00012

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	-.01389	.00028	.00206	-.00002	-.07547	.00439
SDev	.00280	.01250	.00010	.00234	.00068	.05767	.00209
%RSD	169.65	90.032	35.836	113.90	3862.3	76.422	47.558

#1	-.00033	-.00505	.00035	.00372	.00046	-.03469	.00586
#2	.00363	-.02273	.00021	.00040	-.00050	-.11625	.00291

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	-.20816	-.00535	.00004	.00197	-.00005	.00022
SDev	.00119	.34410	.00452	.00005	.00394	.00003	.00009
%RSD	200.05	165.31	84.326	139.85	199.95	51.488	41.973

#1	.00025	.03516	-.00216	.00007	.00476	-.00003	.00028
#2	-.00143	-.45147	-.00855	.00000	-.00082	-.00007	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00039	-.00076	.00043	.00078	.00209
SDev	.00022	.00018	.00020	.00044	.00474	.00183
%RSD	63.735	45.808	26.166	100.45	608.73	87.711

#1	.00050	.00026	-.00090	.00074	-.00258	.00079
#2	.00019	.00051	-.00062	.00013	.00413	.00338

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40514	--	--	--	--	--	--
SDev	224.1529	--	--	--	--	--	--
%RSD	.5532794	--	--	--	--	--	--

#1	40355	--	--	--	--	--	--
#2	40672	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53841-c-5-g msd Operator: DCL
Run Time: 04/24/12 10:40:49
Comment: TRACE 61E

Analysis Report 04/24/12 10:44:37 AM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	175.25	.25909	1.0136	1.7519	.43480	.72693	.40507
SDev	.71	.00064	.0095	.0074	.00225	.00365	.00223
%RSD	.40364	.24515	.93790	.42333	.51781	.50175	.55019

#1	175.75	.25954	1.0203	1.7571	.43639	.72951	.40664
#2	174.75	.25864	1.0068	1.7466	.43321	.72435	.40349

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	2191.9	.95899	.89562	1.0255	120.84	.69965	.96459
SDev	14.1	.00458	.00438	.0035	.64	.00226	.00196
%RSD	.64116	.47733	.48892	.34348	.52598	.32241	.20326
#1	2201.9	.96222	.89871	1.0280	121.29	.70125	.96598
#2	2182.0	.95575	.89252	1.0230	120.39	.69806	.96321

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86790	44.634	6.7173	.82099	.96113	34.877	14.543
SDev	.00223	.225	.0342	.00130	.00961	.148	.061
%RSD	.25729	.50301	.50915	.15785	1.0002	.42451	.41930
#1	.86948	44.793	6.7415	.82190	.96792	34.982	14.586
#2	.86632	44.475	6.6932	.82007	.95433	34.772	14.500

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51102	16.323	18.181	9.6663	.87868	.79985	.40785
SDev	.00152	.006	.044	.0347	.00005	.00649	.00177
%RSD	.29701	.03567	.24113	.35932	.00537	.81106	.43437
#1	.51209	16.327	18.212	9.6908	.87871	.80444	.40910
#2	.50994	16.319	18.150	9.6417	.87864	.79526	.40660

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2240	1.3033	.94091	.97644	.84290	.88040
SDev	.0054	.0057	.01032	.00222	.01295	.00313
%RSD	.44227	.43797	1.0972	.22746	1.5366	.35514
#1	1.2278	1.3074	.94821	.97486	.85206	.87819
#2	1.2202	1.2993	.93361	.97801	.83374	.88261

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38316	--	--	--	--	--	--
SDev	282.1356	--	--	--	--	--	--
%RSD	.7363485	--	--	--	--	--	--
#1	38116	--	--	--	--	--	--
#2	38515	--	--	--	--	--	--

Analysis Report 04/24/12 10:44:37 AM page 15

Method: 20076010 Sample Name: 600-53841-c-6-b Operator: DCL
Run Time: 04/24/12 10:44:40
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.182	.00448	.05976	.68750	.00377	.04728	.00365
SDev	.239	.00254	.00204	.00065	.00001	.00003	.00007
%RSD	.25937	56.721	3.4143	.09410	.35966	.06497	1.8157
#1	92.351	.00268	.06121	.68796	.00378	.04726	.00361
#2	92.013	.00628	.05832	.68704	.00376	.04730	.00370

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2289.1	.07423	.03639	.05647	83.248	.11958	.07494
SDev	5.1	.00011	.00032	.00025	.095	.00027	.00074
%RSD	.22335	.14815	.88861	.44614	.11355	.22292	.98529
#1	2292.7	.07431	.03662	.05664	83.315	.11976	.07546
#2	2285.5	.07415	.03616	.05629	83.181	.11939	.07442

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00876	26.836	7.9698	.00306	.20029	12.789	13.067
SDev	.00322	.055	.0105	.00082	.00077	.058	.024
%RSD	36.711	.20460	.13187	26.932	.38406	.45055	.18263
#1	-.00649	26.875	7.9772	.00364	.20083	12.829	13.084
#2	-.01103	26.798	7.9623	.00248	.19974	12.748	13.050

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00201	4.5495	4.9455	11.141	-.00528	.03062	.14577
SDev	.00029	.0616	.0220	.011	.00021	.00113	.00047
%RSD	14.443	1.3545	.44518	.10112	4.0182	3.6806	.32298
#1	-.00222	4.5059	4.9611	11.149	-.00513	.03142	.14610
#2	-.00181	4.5930	4.9299	11.133	-.00543	.02983	.14543

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23367	.33938	.06296	.08093	-.01212	-.00708
SDev	.00056	.00055	.00105	.00163	.00150	.00407
%RSD	.23820	.16314	1.6646	2.0161	12.395	57.531
#1	.23406	.33977	.06222	.08208	-.01106	-.00420
#2	.23327	.33899	.06370	.07977	-.01319	-.00996

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38266	--	--	--	--	--	--

Analysis Report 04/24/12 10:48:28 AM page 16

SDev	101.1163	--	--	--	--	--	--
%RSD	.2642492	--	--	--	--	--	--
#1	38194	--	--	--	--	--	--
#2	38337	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53894-a-1-c Operator: DCL
Run Time: 04/24/12 10:48:31
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6538	k.17768	.23057	1.1579	-.00055	.00219	k.27445
SDev	.0323	.00336	.00276	.0053	.00000	.00019	.00228
%RSD	.48494	1.8897	1.1979	.45967	.88118	8.7209	.83095

#1	6.6766	k.18005	.23253	1.1617	-.00054	.00233	k.27606
#2	6.6310	k.17530	.22862	1.1542	-.00055	.00206	k.27284

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.159	1.6034	.47234	k1.7007	S780.99	.03215	k.25720
SDev	.234	.0086	.00316	.0087	4.50	.00016	.00091
%RSD	.66646	.53741	.66874	.51265	.57626	.48995	.35501
#1	35.324	1.6095	.47457	k1.7068	S784.18	.03226	k.25784
#2	34.993	1.5973	.47010	k1.6945	S777.81	.03204	k.25655

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k-.72042	24.155	26.055	.20135	1.0952	1.1006	11.518
SDev	.01058	.134	.144	.00178	.0107	.0293	.007
%RSD	1.4679	.55573	.55357	.88472	.97811	2.6603	.05725
#1	k-.72790	24.250	26.157	.20261	1.1028	1.1213	11.513
#2	k-.71294	24.061	25.953	.20009	1.0876	1.0799	11.522

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01120	17.559	16.654	.63313	k-.18481	.21362	.52274
SDev	.00045	.091	.048	.00212	.00762	.00267	.00285
%RSD	4.0493	.51813	.28978	.33489	4.1237	1.2490	.54438
#1	-.01152	17.494	16.688	.63463	k-.19019	.21551	.52475
#2	-.01088	17.623	16.620	.63163	k-.17942	.21174	.52073

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30704	k2.2812	k.34782	k.21188	k-.18512	k-.98807
SDev	.00188	.0135	.00148	.00211	.00705	.01234
%RSD	.61199	.59042	.42453	.99486	3.8096	1.2486
#1	.30836	k2.2907	k.34678	k.21337	k-.19010	k-.99680
#2	.30571	k2.2716	k.34887	k.21039	k-.18013	k-.97935

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37494	--	--	--	--	--	--
SDev	185.9691	--	--	--	--	--	--
%RSD	.4959903	--	--	--	--	--	--
#1	37363	--	--	--	--	--	--
#2	37626	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53841-c-5-d Operator: DCL
Run Time: 04/24/12 10:52:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	119.52	.90957	.98384	1.6828	.40734	.98197	.39077
SDev	1.09	.00286	.00705	.0149	.00250	.00724	.00248
%RSD	.91607	.31424	.71702	.88744	.61476	.73737	.63493
#1	120.29	.91159	.98883	1.6933	.40911	.98709	.39252
#2	118.74	.90755	.97885	1.6722	.40557	.97685	.38901
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2117.2	.89829	.84456	.98015	102.53	1.1520	.91153
SDev	8.0	.00541	.00596	.00905	.53	.0121	.00538
%RSD	.37932	.60255	.70592	.92328	.52169	1.0464	.59045
#1	2122.9	.90212	.84878	.98654	102.91	1.1605	.91533
#2	2111.5	.89446	.84034	.97375	102.15	1.1435	.90772
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86103	34.971	7.3180	.87277	.89303	28.915	17.342
SDev	.00720	.203	.0463	.00380	.00515	.289	.145
%RSD	.83590	.57968	.63215	.43528	.57618	1.0011	.83610
#1	.86612	35.114	7.3507	.87546	.89667	29.120	17.444
#2	.85594	34.828	7.2853	.87009	.88939	28.710	17.239
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49209	15.063	17.278	10.178	.86396	.88605	1.0751
SDev	.00285	.056	.173	.080	.00609	.00509	.0083
%RSD	.57946	.37355	.99888	.78705	.70465	.57410	.77242
#1	.49411	15.103	17.400	10.235	.86826	.88965	1.0809
#2	.49008	15.023	17.156	10.122	.85965	.88245	1.0692
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	1.1438	1.2563	.88315	.92572	.83064	.87622	
SDev	.0070	.0077	.00750	.00432	.01187	.00486	
%RSD	.61332	.61491	.84906	.46710	1.4289	.55483	

#1	1.1488	1.2617	.88846	.92877	.83904	.87966	
#2	1.1389	1.2508	.87785	.92266	.82225	.87278	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39556	--	--	--	--	--	--
SDev	323.8549	--	--	--	--	--	--
%RSD	.8187251	--	--	--	--	--	--
#1	39327	--	--	--	--	--	--
#2	39785	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53841-c-5-d@5 Operator: DCL
Run Time: 04/24/12 10:56:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.012	.00732	.01779	.18421	.00088	.01557	.00063
SDev	.077	.00150	.00048	.00044	.00003	.00112	.00007
%RSD	.30685	20.433	2.7062	.24134	2.8966	7.1917	10.714
#1	25.067	.00838	.01813	.18452	.00090	.01636	.00058
#2	24.958	.00627	.01745	.18389	.00086	.01478	.00068

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	873.43	.02137	.01071	.01039	23.133	.02475	.01945
SDev	1.97	.00008	.00033	.00011	.029	.00008	.00182
%RSD	.22529	.36168	3.0897	1.0682	.12746	.30595	9.3410
#1	874.83	.02142	.01048	.01047	23.153	.02480	.02074
#2	872.04	.02131	.01094	.01032	23.112	.02469	.01817

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	6.6823	1.6011	.00218	.03572	2.4972	3.7535
SDev	.00149	.0135	.0044	.00060	.00033	.0023	.0142
%RSD	316.49	.20136	.27218	27.476	.91875	.09331	.37882
#1	-.00152	6.6918	1.6042	.00261	.03595	2.4989	3.7635
#2	.00058	6.6728	1.5980	.00176	.03549	2.4956	3.7434

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00087	.63707	.87198	2.0084	-.00287	.01041	.04749
SDev	.00041	.10226	.00169	.0034	.00301	.00162	.00003
%RSD	47.429	16.052	.19318	.16707	104.77	15.577	.06726
#1	-.00116	.56476	.87317	2.0107	-.00500	.00927	.04747
#2	-.00058	.70938	.87079	2.0060	-.00074	.01156	.04751

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Analysis Report 04/24/12 11:00:11 AM page 19

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07039	.08015	.01807	.02015	-.00247	.00053
SDev	.00036	.00031	.00069	.00238	.00083	.00265
%RSD	.51797	.39025	3.8120	11.820	33.609	501.71
#1	.07065	.08037	.01856	.02183	-.00188	-.00135
#2	.07014	.07993	.01758	.01846	-.00306	.00240

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38462	--	--	--	--	--	--
SDev	47.37616	--	--	--	--	--	--
%RSD	.1231781	--	--	--	--	--	--
#1	38428	--	--	--	--	--	--
#2	38495	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 11:00:14
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5292	.51056	.51061	.51349	.50264	.51283	.51667
SDev	.0098	.00173	.00092	.00132	.00002	.00063	.00034
%RSD	.38780	.33906	.18016	.25762	.00402	.12215	.06592
#1	2.5361	.51178	.51126	.51442	.50266	.51328	.51643
#2	2.5223	.50933	.50996	.51255	.50263	.51239	.51691

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.820	.49874	.49977	.50827	2.6313	.47644	.50192
SDev	.037	.00029	.00015	.00284	.0221	.00277	.00190
%RSD	.28517	.05750	.02923	.55923	.84140	.58160	.37776
#1	12.846	.49853	.49987	.51028	2.6156	.47840	.50058
#2	12.794	.49894	.49966	.50626	2.6469	.47448	.50326

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50119	4.9996	.49322	.51483	.49634	12.565	.99331
SDev	.00300	.0104	.00007	.00159	.00044	.053	.00565
%RSD	.59908	.20734	.01522	.30778	.08894	.42521	.56919
#1	.49907	4.9923	.49328	.51371	.49603	12.603	.99731
#2	.50331	5.0069	.49317	.51595	.49665	12.528	.98931

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25409	12.976	12.411	.25465	.52780	.50645	.51445
SDev	.00100	.036	.177	.00046	.00476	.00095	.00059
%RSD	.39463	.27948	1.4247	.18226	.90119	.18684	.11418

Analysis Report 04/24/12 11:04:06 AM page 20

#1	.25480	12.951	12.536	.25498	.52444	.50579	.51486
#2	.25339	13.002	12.286	.25433	.53117	.50712	.51403

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50670	.52111	.48696	.50940	.47864	.51252
SDev	.00020	.00104	.00117	.00226	.00489	.00206
%RSD	.03983	.19999	.23985	.44368	1.0216	.40173
#1	.50656	.52184	.48613	.50781	.47518	.51107
#2	.50685	.52037	.48778	.51100	.48210	.51398

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39930	--	--	--	--	--	--
SDev	453.2554	--	--	--	--	--	--
%RSD	1.135111	--	--	--	--	--	--
#1	40251	--	--	--	--	--	--
#2	39610	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL

Run Time: 04/24/12 11:04:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02984	.00440	.00217	.00006	-.00023	.00133	-.00012
SDev	.00161	.00114	.00006	.00003	.00003	.00026	.00013
%RSD	5.3773	25.909	2.9455	50.891	11.820	19.392	112.66
#1	.02871	.00359	.00212	.00004	-.00021	.00151	-.00021
#2	.03098	.00520	.00221	.00008	-.00025	.00115	-.00002

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01203	-.00005	-.00019	-.00194	.00179	-.00009	.00050
SDev	.00851	.00018	.00033	.00010	.04249	.00003	.00105
%RSD	70.773	393.08	171.17	5.0500	2371.1	30.740	210.83
#1	.00601	-.00017	-.00042	-.00187	-.02825	-.00011	.00124
#2	.01805	.00008	.00004	-.00201	.03184	-.00007	-.00024

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	-.01632	.00011	.00204	.00002	-.08831	.00502
SDev	.00517	.00374	.00006	.00103	.00068	.01881	.00161
%RSD	894.08	22.889	53.187	50.390	3162.0	21.299	32.025
#1	.00423	-.01896	.00007	.00276	-.00046	-.10161	.00388
#2	-.00308	-.01368	.00015	.00131	.00051	-.07501	.00616

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Analysis Report 04/24/12 11:07:56 AM page 21

Avge	-.00022	-.16857	-.00573	-.00001	-.00013	.00092	.00003
SDev	.00106	.21015	.00165	.00004	.00025	.00189	.00005
%RSD	471.24	124.67	28.814	261.67	193.52	205.13	202.68
#1	-.00097	-.31717	-.00689	-.00004	.00005	-.00042	-.00001
#2	.00052	-.01997	-.00456	.00001	-.00031	.00226	.00006

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00047	.00039	.00055	-.00220	.00197
SDev	.00045	.00004	.00055	.00130	.00373	.00589
%RSD	1740.9	7.8428	138.70	236.78	169.38	299.07
#1	-.00034	.00044	.00078	.00147	.00044	.00613
#2	.00029	.00049	.00001	-.00037	-.00484	-.00219

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40142	--	--	--	--	--	--
SDev	92.63099	--	--	--	--	--	--
%RSD	.2307612	--	--	--	--	--	--
#1	40207	--	--	--	--	--	--
#2	40076	--	--	--	--	--	--

Analysis Report 04/24/12 11:15:31 AM page 1

Method: 20076010 Sample Name: mb 600-77655/1-a Operator: DCL
Run Time: 04/24/12 11:11:44
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04181	.00429	.00132	.00285	-.00023	.00086	-.00005
SDev	.00035	.00156	.00056	.00001	.00002	.00042	.00003
%RSD	.83819	36.456	41.985	.50141	8.6967	48.138	65.610
#1	.04206	.00539	.00093	.00284	-.00024	.00057	-.00007
#2	.04156	.00318	.00172	.00286	-.00021	.00115	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38820	.00081	.00028	-.00083	.02734	.00019	.00110
SDev	.00241	.00013	.00019	.00032	.02281	.00005	.00014
%RSD	.62103	16.103	69.325	39.153	83.433	24.185	12.497
#1	.38990	.00072	.00041	-.00060	.04348	.00022	.00120
#2	.38649	.00090	.00014	-.00106	.01121	.00015	.00100

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.01865	.00083	.00105	.00089	.10712	.01185
SDev	.00175	.00292	.00002	.00053	.00085	.02216	.00116
%RSD	73.651	15.644	2.9147	50.945	94.552	20.684	9.7903
#1	.00360	.02072	.00085	.00067	.00149	.12279	.01267
#2	.00114	.01659	.00082	.00143	.00030	.09145	.01103

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.06334	.03868	.00029	-.00291	.03115	.00032
SDev	.00028	.05512	.00150	.00003	.00006	.00121	.00014
%RSD	63.792	87.035	3.8872	8.9066	2.1267	3.8778	43.199
#1	.00063	.10231	.03975	.00027	-.00286	.03200	.00042
#2	.00024	.02436	.03762	.00030	-.00295	.03029	.00022

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00663	.00133	.00099	-.00207	.00459
SDev	.00020	.00002	.00114	.00077	.00529	.00003
%RSD	79.965	.28886	85.452	78.351	254.97	.56329
#1	.00038	.00665	.00053	.00154	.00167	.00457
#2	.00011	.00662	.00213	.00044	-.00581	.00461

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39238	--	--	--	--	--	--
SDev	185.9691	--	--	--	--	--	--
%RSD	.4739575	--	--	--	--	--	--

Analysis Report 04/24/12 11:15:31 AM page 2

#1	39106	--	--	--	--	--	--
#2	39369	--	--	--	--	--	--

Method: 20076010 Sample Name: lcs 600-77655/2-a Operator: DCL
Run Time: 04/24/12 11:15:34
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.029	.76092	1.3749	2.8246	1.4683	.83742	.63641
SDev	.230	.00331	.0049	.0050	.0027	.00189	.00171
%RSD	.26371	.43476	.35896	.17613	.18702	.22563	.26845
#1	87.191	.76326	1.3783	2.8281	1.4702	.83875	.63762
#2	86.867	.75858	1.3714	2.8211	1.4663	.83608	.63520

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.426	.97240	1.3183	1.0283	186.35	.08700	1.3990
SDev	.248	.00269	.0040	.0025	.53	.00022	.0018
%RSD	.27773	.27645	.30137	.24106	.28206	.25456	.12945
#1	89.602	.97430	1.3211	1.0300	186.72	.08715	1.4003
#2	89.251	.97050	1.3155	1.0265	185.98	.08684	1.3977

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8202	40.335	4.9017	.83952	1.1645	48.751	11.566
SDev	.0039	.106	.0129	.00002	.0056	.121	.024
%RSD	.21325	.26195	.26236	.00275	.48200	.24824	.21090
#1	1.8175	40.410	4.9108	.83953	1.1685	48.837	11.583
#2	1.8230	40.260	4.8926	.83950	1.1605	48.665	11.548

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44479	2.8341	6.4662	2.3999	1.6504	1.5841	4.3179
SDev	.00120	.1668	.0093	.0046	.0095	.0028	.0089
%RSD	.27051	5.8840	.14424	.19190	.57694	.17451	.20664
#1	.44564	2.9520	6.4728	2.4032	1.6436	1.5860	4.3243
#2	.44394	2.7162	6.4596	2.3966	1.6571	1.5821	4.3116

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64621	2.1605	1.3509	1.4230	1.7355	1.8626
SDev	.00171	.0053	.0011	.0022	.0034	.0041
%RSD	.26464	.24459	.08085	.15251	.19776	.22047
#1	.64742	2.1642	1.3517	1.4246	1.7331	1.8597
#2	.64500	2.1567	1.3501	1.4215	1.7380	1.8655

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 11:19:22 AM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41582	--	--	--	--	--	--
SDev	123.7437	--	--	--	--	--	--
%RSD	.2975860	--	--	--	--	--	--
#1	41495	--	--	--	--	--	--
#2	41670	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-1-c Operator: DCL
Run Time: 04/24/12 11:19:25
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	266.36	.00495	.07505	2.2694	.01822	.08371	-.00668
SDev	.37	.00126	.00022	.0054	.00006	.00041	.00010
%RSD	.13838	25.394	.28966	.23947	.34772	.49365	1.5044
#1	266.62	.00406	.07521	2.2732	.01827	.08400	-.00661
#2	266.10	.00583	.07490	2.2655	.01818	.08342	-.00675

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	411.94	.24592	.18079	.21512	278.96	.30577	.15260
SDev	1.12	.00073	.00036	.00003	.90	.00022	.00002
%RSD	.27091	.29785	.19808	.01355	.32129	.07318	.01391
#1	412.73	.24644	.18105	.21514	279.60	.30593	.15258
#2	411.15	.24540	.18054	.21510	278.33	.30561	.15261

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00735	109.14	7.4733	.00664	.27721	36.066	13.147
SDev	.00110	.29	.0249	.00082	.00096	.047	.024
%RSD	14.907	.26307	.33317	12.362	.34756	.13062	.18123
#1	-.00658	109.34	7.4909	.00722	.27653	36.099	13.163
#2	-.00813	108.93	7.4557	.00606	.27789	36.032	13.130

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00401	15.055	15.621	.81804	-.00898	.02872	.43867
SDev	.00014	.014	.009	.00183	.00384	.00127	.00092
%RSD	3.3849	.08992	.05573	.22384	42.733	4.4072	.20927
#1	-.00410	15.045	15.615	.81934	-.00627	.02961	.43932
#2	-.00391	15.064	15.627	.81675	-.01170	.02782	.43802

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54155	.52738	.13375	.16202	-.02089	-.00059
SDev	.00138	.00057	.00068	.00037	.00211	.00270
%RSD	.25520	.10727	.51030	.23028	10.100	458.39
#1	.54253	.52778	.13423	.16176	-.02238	.00132

Analysis Report 04/24/12 11:23:13 AM page 4

#2	.54057	.52698	.13327	.16228	-.01939	-.00250

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45818	--	--	--	--	--	--
SDev	280.7214	--	--	--	--	--	--
%RSD	.6126947	--	--	--	--	--	--
#1	45619	--	--	--	--	--	--
#2	46016	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-2-c Operator: DCL
Run Time: 04/24/12 11:23:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	241.68	.00628	.08973	1.9982	.01734	.06597	-.00634
SDev	.68	.00008	.00143	.0033	.00001	.00121	.00014
%RSD	.28200	1.2833	1.5879	.16312	.06158	1.8356	2.2383
#1	242.16	.00622	.08872	2.0005	.01735	.06683	-.00644
#2	241.20	.00633	.09074	1.9958	.01734	.06512	-.00624

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	370.98	.20665	.11847	.19175	254.05	.25620	.23975
SDev	.44	.00012	.00024	.00077	.02	.00112	.00096
%RSD	.11919	.05565	.20160	.39948	.00830	.43877	.39961
#1	370.67	.20657	.11830	.19229	254.04	.25699	.23907
#2	371.29	.20673	.11864	.19121	254.07	.25540	.24042

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00486	89.161	3.8811	.00361	.23371	30.078	12.510
SDev	.00026	.009	.0002	.00093	.00184	.132	.016
%RSD	5.4045	.01029	.00458	25.620	.78571	.43726	.13151
#1	-.00468	89.168	3.8809	.00427	.23241	30.171	12.522
#2	-.00505	89.155	3.8812	.00296	.23501	29.985	12.499

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00369	17.904	18.259	.76610	-.01547	.02793	.46489
SDev	.00050	.030	.130	.00113	.00377	.00067	.00014
%RSD	13.550	.16744	.71340	.14711	24.361	2.4070	.03052
#1	-.00404	17.925	18.351	.76689	-.01281	.02746	.46499
#2	-.00334	17.883	18.167	.76530	-.01814	.02841	.46479

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50376	.46052	.21843	.25041	-.01882	.00212

Analysis Report 04/24/12 11:27:04 AM page 5

SDev	.00037	.00106	.00244	.00022	.00451	.00186
%RSD	.07393	.23098	1.1168	.08682	23.946	87.761

#1	.50403	.46127	.21670	.25025	-.01564	.00080
#2	.50350	.45977	.22015	.25056	-.02201	.00343

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46058	--	--	--	--	--	--
SDev	159.0990	--	--	--	--	--	--
%RSD	.3454356	--	--	--	--	--	--
#1	46170	--	--	--	--	--	--
#2	45945	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-3-c Operator: DCL
Run Time: 04/24/12 11:27:07
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	266.60	.00924	.17217	13.530	.01957	.07124	-.00987
SDev	.79	.00313	.00073	.038	.00004	.00004	.00010
%RSD	.29450	33.897	.42355	.28267	.20607	.05762	.96670
#1	267.16	.00702	.17165	13.557	.01960	.07127	-.00980
#2	266.05	.01145	.17268	13.503	.01954	.07121	-.00993

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	236.04	.25322	.53040	.33910	385.39	.31313	.69995
SDev	.41	.00084	.00057	.00090	.74	.00081	.00216
%RSD	.17355	.33180	.10783	.26545	.19240	.25966	.30850
#1	236.33	.25381	.53081	.33974	385.92	.31371	.69842
#2	235.76	.25262	.53000	.33847	384.87	.31256	.70147

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01729	103.86	58.053	.03273	.89821	34.970	12.100
SDev	.00194	.15	.125	.00064	.00108	.073	.029
%RSD	11.196	.14325	.21555	1.9616	.11993	.20768	.23918
#1	-.01592	103.96	58.141	.03319	.89897	35.021	12.121
#2	-.01866	103.75	57.964	.03228	.89745	34.918	12.080

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00557	21.965	22.154	1.0163	-.03882	.02428	.53647
SDev	.00059	.130	.041	.0027	.00551	.00218	.00172
%RSD	10.533	.58989	.18483	.26664	14.193	8.9647	.32157
#1	-.00599	21.874	22.183	1.0182	-.03493	.02582	.53769
#2	-.00516	22.057	22.125	1.0144	-.04272	.02274	.53525

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65162	.58577	.65491	.72247	-.04925	-.00131
SDev	.00208	.00076	.00029	.00310	.00162	.00371

%RSD	.31907	.12947	.04392	.42841	3.2844	283.22	
#1	.65309	.58631	.65470	.72028	-.05040	.00131	
#2	.65015	.58524	.65511	.72466	-.04811	-.00394	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46071	--	--	--	--	--	--
SDev	62.22539	--	--	--	--	--	--
%RSD	.1350641	--	--	--	--	--	--
#1	46027	--	--	--	--	--	--
#2	46115	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-4-c Operator: DCL
Run Time: 04/24/12 11:30:58
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	272.45	.00878	.08357	5.5115	.01818	.06666	-.00651
SDev	1.66	.00003	.00235	.0323	.00012	.00101	.00010
%RSD	.60755	.28210	2.8138	.58574	.67773	1.5217	1.4891
#1	273.62	.00876	.08523	5.5343	.01827	.06737	-.00644
#2	271.28	.00879	.08190	5.4887	.01810	.06594	-.00658

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	498.20	.76825	.14802	.52734	301.99	.28911	1.1321
SDev	3.71	.00573	.00090	.00354	1.93	.00150	.0002
%RSD	.74370	.74573	.61114	.67143	.63803	.51694	.01517
#1	500.82	.77230	.14866	.52985	303.35	.29016	1.1322
#2	495.58	.76420	.14738	.52484	300.63	.28805	1.1319

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00846	98.670	12.348	.00946	.30295	34.312	11.421
SDev	.00007	.680	.083	.00117	.00186	.192	.063
%RSD	.77987	.68956	.67343	12.403	.61487	.55877	.54906
#1	-.00851	99.151	12.407	.01028	.30426	34.447	11.466
#2	-.00841	98.189	12.289	.00863	.30163	34.176	11.377

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00394	12.063	12.771	.79535	-.02120	.03740	.40049
SDev	.00018	.099	.050	.00422	.00118	.00084	.00270

Analysis Report 04/24/12 11:34:46 AM page 7

%RSD	4.4948	.81697	.38997	.53045	5.5652	2.2483	.67394
#1	-.00406	12.132	12.806	.79833	-.02203	.03799	.40240
#2	-.00381	11.993	12.736	.79237	-.02036	.03680	.39858

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.51624	1.1174	1.0791	1.1586	-.02035	-.00251
SDev	.00344	.0067	.0111	.0053	.00463	.00241
%RSD	.66612	.59832	1.0320	.45836	22.738	96.007
#1	.51867	1.1221	1.0869	1.1548	-.01708	-.00422
#2	.51381	1.1126	1.0712	1.1623	-.02363	-.00081

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45094	--	--	--	--	--	--
SDev	456.7910	--	--	--	--	--	--
%RSD	1.012975	--	--	--	--	--	--
#1	44771	--	--	--	--	--	--
#2	45417	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-5-c Operator: DCL
Run Time: 04/24/12 11:34:49
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	245.93	.00832	.05216	2.8580	.01729	.06695	-.00818
SDev	2.26	.00275	.00051	.0253	.00017	.00010	.00010
%RSD	.91697	33.024	.97649	.88380	.97290	.14762	1.2816
#1	247.53	.00638	.05180	2.8758	.01741	.06688	-.00810
#2	244.34	.01027	.05252	2.8401	.01717	.06702	-.00825

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.467	.22132	.14331	.21306	281.02	.27037	.15027
SDev	.427	.00199	.00166	.00174	2.50	.00239	.00216
%RSD	.89870	.90061	1.1577	.81479	.89089	.88245	1.4377
#1	47.769	.22273	.14448	.21429	282.79	.27206	.15180
#2	47.166	.21991	.14214	.21183	279.25	.26868	.14874

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00646	105.79	4.1721	.00473	.29349	32.128	11.483
SDev	.00072	.96	.0374	.00018	.00212	.303	.096
%RSD	11.223	.90385	.89589	3.7264	.72300	.94273	.83510
#1	-.00594	106.47	4.1985	.00461	.29499	32.343	11.551
#2	-.00697	105.12	4.1456	.00486	.29199	31.914	11.415

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00347	16.654	16.561	.63944	-.01260	.03194	.40251
SDev	.00008	.226	.151	.00565	.00039	.00121	.00410
%RSD	2.3533	1.3563	.91048	.88395	3.0813	3.7948	1.0178
#1	-.00341	16.813	16.668	.64344	-.01288	.03279	.40540
#2	-.00352	16.494	16.455	.63544	-.01233	.03108	.39961

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38742	.58284	.13350	.15865	-.01586	-.00176
SDev	.00337	.00583	.00214	.00217	.00829	.00306
%RSD	.86910	1.0000	1.6057	1.3670	52.301	174.32
#1	.38980	.58696	.13502	.16019	-.00999	-.00392
#2	.38504	.57871	.13199	.15712	-.02172	.00041

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43394	--	--	--	--	--	--
SDev	343.6539	--	--	--	--	--	--
%RSD	.7919387	--	--	--	--	--	--
#1	43151	--	--	--	--	--	--
#2	43637	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-6-c Operator: DCL
Run Time: 04/24/12 11:38:41
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	212.77	.00462	.05833	1.7949	.01427	.04995	-.00552
SDev	.38	.00208	.00091	.0035	.00000	.00006	.00003
%RSD	.17932	45.119	1.5622	.19346	.02425	.12904	.51824
#1	213.04	.00314	.05897	1.7974	.01428	.04991	-.00555
#2	212.50	.00609	.05768	1.7925	.01427	.05000	-.00550

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	182.21	.18286	.09946	.18413	214.47	.21428	.29589
SDev	.02	.00004	.00041	.00012	.06	.00039	.00060
%RSD	.01210	.02197	.41107	.06438	.02768	.18170	.20350
#1	182.20	.18289	.09918	.18422	214.43	.21455	.29632
#2	182.23	.18283	.09975	.18405	214.51	.21400	.29546

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00567	83.264	4.4818	.00302	.21499	27.544	11.816
SDev	.00046	.025	.0023	.00109	.00086	.050	.011
%RSD	8.1160	.03028	.05220	36.049	.39826	.18213	.09370

Analysis Report 04/24/12 11:42:29 AM page 9

#1	-.00599	83.282	4.4835	.00379	.21438	27.579	11.823
#2	-.00534	83.247	4.4802	.00225	.21559	27.508	11.808

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00313	17.228	17.092	.62304	-.01290	.03068	.33632
SDev	.00061	.179	.053	.00088	.00162	.00035	.00026
%RSD	19.354	1.0396	.31046	.14114	12.581	1.1489	.07633
#1	-.00356	17.102	17.129	.62366	-.01404	.03093	.33651

#2	-.00270	17.355	17.054	.62242	-.01175	.03043	.33614

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31889	.43101	.27674	.30546	-.01866	.00083
SDev	.00014	.00050	.00016	.00098	.00170	.00154
%RSD	.04237	.11521	.05794	.32194	9.1022	185.31
#1	.31899	.43136	.27663	.30616	-.01746	-.00026
#2	.31879	.43066	.27686	.30477	-.01986	.00192

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42137	--	--	--	--	--	--
SDev	41.01219	--	--	--	--	--	--
%RSD	.0973306	--	--	--	--	--	--
#1	42166	--	--	--	--	--	--
#2	42108	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-6-d du Operator: DCL
Run Time: 04/24/12 11:42:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	250.82	.00741	.05712	1.8084	.01674	.06795	-.00710
SDev	.47	.00033	.00112	.0037	.00005	.00082	.00001
%RSD	.18866	4.4133	1.9575	.20473	.29288	1.2096	.13358
#1	251.15	.00764	.05633	1.8110	.01678	.06853	-.00709
#2	250.49	.00718	.05791	1.8057	.01671	.06737	-.00711

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	197.50	.24271	.19767	.18220	258.02	.26215	.21018
SDev	.56	.00049	.00113	.00004	.64	.00031	.00018
%RSD	.28563	.20110	.57055	.02240	.24700	.11674	.08598
#1	197.90	.24306	.19847	.18223	258.47	.26237	.21005
#2	197.10	.24237	.19687	.18217	257.57	.26194	.21031

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Analysis Report 04/24/12 11:46:20 AM page 10

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00560	96.604	4.5027	.00360	.26241	34.053	12.082
SDev	.00271	.267	.0117	.00008	.00128	.017	.022
%RSD	48.282	.27680	.26011	2.2197	.48605	.05011	.18379
#1	-.00369	96.793	4.5109	.00355	.26331	34.065	12.098
#2	-.00752	96.415	4.4944	.00366	.26151	34.041	12.066

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00371	18.997	18.941	.68696	-.00998	.02877	.35707
SDev	.00038	.191	.002	.00124	.00189	.00105	.00091
%RSD	10.332	1.0077	.01113	.18024	18.982	3.6647	.25538

#1	-.00344	19.132	18.939	.68784	-.00864	.02952	.35771
#2	-.00398	18.861	18.942	.68609	-.01131	.02802	.35643

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44027	.51849	.19125	.21964	-.01859	.00089
SDev	.00148	.00076	.00031	.00042	.00575	.00118
%RSD	.33579	.14757	.16131	.19364	30.929	133.48
#1	.44132	.51903	.19147	.21934	-.01452	.00172
#2	.43923	.51795	.19104	.21994	-.02265	.00005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42914	--	--	--	--	--	--
SDev	72.83200	--	--	--	--	--	--
%RSD	.1697182	--	--	--	--	--	--
#1	42862	--	--	--	--	--	--
#2	42965	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-6-e ms Operator: DCL
Run Time: 04/24/12 11:46:23
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	311.62	.35937	.94958	2.7994	.47964	.61742	.45958
SDev	.27	.00177	.00378	.0020	.00012	.00075	.00022
%RSD	.08571	.49194	.39799	.07074	.02493	.12147	.04883
#1	311.43	.36062	.94691	2.7980	.47973	.61795	.45942
#2	311.81	.35812	.95226	2.8008	.47956	.61689	.45973

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	186.68	1.1940	1.0100	1.1498	288.91	.80436	1.1250
SDev	.20	.0002	.0001	.0010	.37	.00139	.0023
%RSD	.10665	.01741	.00726	.08563	.12899	.17260	.20104

#1	186.54	1.1939	1.0100	1.1505	288.65	.80338	1.1234
#2	186.83	1.1942	1.0101	1.1491	289.18	.80534	1.1266

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82005	107.65	5.3278	.76722	1.1498	50.401	13.105
SDev	.00669	.01	.0007	.00279	.0025	.108	.018
%RSD	.81532	.01277	.01351	.36366	.21934	.21418	.14087
#1	.81532	107.64	5.3272	.76525	1.1516	50.325	13.092
#2	.82478	107.66	5.3283	.76920	1.1480	50.478	13.118

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.50057	29.870	29.574	1.1761	.97451	.84158	.68030
SDev	.00066	.053	.068	.0009	.00343	.00017	.00059
%RSD	.13222	.17838	.22929	.07697	.35203	.02063	.08638
#1	.50104	29.908	29.526	1.1755	.97693	.84146	.67988
#2	.50010	29.832	29.622	1.1768	.97208	.84170	.68071

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3364	1.5206	1.0658	1.1546	.76509	.84753
SDev	.0003	.0005	.0020	.0044	.00025	.00991
%RSD	.02615	.03574	.18795	.38057	.03210	1.1688
#1	1.3362	1.5210	1.0672	1.1515	.76491	.84053
#2	1.3367	1.5202	1.0644	1.1577	.76526	.85453

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41468	--	--	--	--	--	--
SDev	98.28784	--	--	--	--	--	--
%RSD	.2370181	--	--	--	--	--	--
#1	41399	--	--	--	--	--	--
#2	41538	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 11:50:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5364	.51425	.50963	.51804	.49198	.51431	.52090
SDev	.0144	.00239	.00217	.00135	.00085	.00051	.00011
%RSD	.56679	.46489	.42538	.25960	.17345	.09910	.02130
#1	2.5465	.51594	.51116	.51899	.49258	.51467	.52098
#2	2.5262	.51256	.50809	.51709	.49137	.51395	.52082

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.629	.49145	.49037	.49998	2.6267	.48103	.49981
SDev	.015	.00116	.00022	.00284	.0102	.00147	.00227
%RSD	.11660	.23533	.04411	.56818	.38919	.30578	.45340
#1	12.640	.49227	.49052	.50199	2.6195	.48207	.50141
#2	12.619	.49063	.49021	.49797	2.6340	.47999	.49821

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50026	4.9475	.48766	.51549	.50039	12.679	1.0009
SDev	.00335	.0109	.00054	.00162	.00195	.027	.0104
%RSD	.67018	.22022	.11129	.31420	.38904	.21170	1.0393
#1	.50263	4.9552	.48804	.51664	.50177	12.698	1.0083
#2	.49789	4.9398	.48727	.51435	.49901	12.660	.99354

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25259	13.053	12.471	.25772	.54099	.50119	.51228
SDev	.00003	.228	.084	.00042	.00456	.00209	.00090
%RSD	.01213	1.7479	.67455	.16391	.84252	.41765	.17635
#1	.25261	12.892	12.531	.25802	.53777	.50267	.51292
#2	.25257	13.215	12.412	.25742	.54421	.49971	.51164

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50000	.52412	.47423	.51260	.46598	.51745
SDev	.00073	.00094	.00436	.00122	.01106	.00050
%RSD	.14548	.17997	.91955	.23777	2.3742	.09714
#1	.50051	.52479	.47732	.51346	.47380	.51710
#2	.49948	.52346	.47115	.51174	.45816	.51781

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39556	--	--	--	--	--	--
SDev	234.0523	--	--	--	--	--	--
%RSD	.5917062	--	--	--	--	--	--
#1	39721	--	--	--	--	--	--
#2	39390	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 11:54:05
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04963	.00260	.00050	.00005	-.00037	.00143	-.00003
SDev	.00140	.00172	.00153	.00002	.00003	.00051	.00013

%RSD	2.8175	66.141	307.32	46.879	8.2179	35.690	474.43
#1	.05062	.00381	.00158	.00003	-.00035	.00179	-.00012
#2	.04864	.00138	-.00058	.00007	-.00039	.00107	.00007

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00640	-.00013	.00050	-.00290	.01022	.00012	.00057
SDev	.00051	.00000	.00011	.00042	.00449	.00007	.00006
%RSD	8.0322	.75330	21.760	14.381	43.927	56.917	11.367
#1	-.00676	-.00013	.00058	-.00260	.01339	.00017	.00052
#2	-.00603	-.00013	.00042	-.00319	.00704	.00007	.00061

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	.00665	.00018	.00160	.00014	.01265	.00670
SDev	.00054	.00413	.00000	.00174	.00073	.02069	.00246
%RSD	41.155	62.188	.30481	108.65	539.26	163.62	36.697

#1	.00093	.00957	.00018	.00283	.00065	.02728	.00844
#2	.00169	.00373	.00018	.00037	-.00038	-.00199	.00496

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	-.05168	.00375	-.00008	-.00136	-.00107	-.00000
SDev	.00027	.01056	.00240	.00002	.00461	.00032	.00019
%RSD	471.36	20.436	63.906	30.446	337.98	29.704	719900.

#1	.00013	-.04422	.00545	-.00006	.00189	-.00129	.00013
#2	-.00025	-.05915	.00206	-.00010	-.00462	-.00084	-.00013

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.00033	-.00160	.00165	.00143	.00125
SDev	.00002	.00008	.00219	.00100	.00304	.00071
%RSD	20.487	24.824	136.78	60.516	212.29	56.901

#1	-.00007	.00027	-.00315	.00235	-.00072	.00175
#2	-.00009	.00039	-.00005	.00094	.00358	.00075

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39730	--	--	--	--	--	--
SDev	127.9863	--	--	--	--	--	--
%RSD	.3221443	--	--	--	--	--	--

#1	39639	--	--	--	--	--	--
#2	39820	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53429-a-6-f msd Operator: DCL
Run Time: 04/24/12 11:57:55
Comment: TRACE 61E

Analysis Report 04/24/12 12:01:43 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	296.80	.37319	.93320	2.7533	.46558	.63721	.44863
SDev	.63	.00204	.00221	.0064	.00056	.00203	.00004
%RSD	.21240	.54786	.23636	.23332	.12092	.31839	.00933

#1	297.25	.37464	.93476	2.7579	.46598	.63864	.44860
#2	296.35	.37174	.93164	2.7488	.46518	.63578	.44866

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	215.81	1.1497	1.0338	1.1281	274.75	.80271	1.1270
SDev	.02	.0008	.0028	.0047	.27	.00201	.0053
%RSD	.01107	.07177	.26929	.41237	.09929	.25101	.46653

#1	215.83	1.1503	1.0357	1.1314	274.94	.80413	1.1307
#2	215.79	1.1491	1.0318	1.1248	274.55	.80129	1.1233

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.79388	107.37	5.0183	.76913	1.1161	48.621	12.711
SDev	.00154	.09	.0046	.00110	.0038	.096	.010
%RSD	.19354	.08711	.09233	.14290	.34287	.19780	.07917
#1	.79497	107.43	5.0216	.76836	1.1188	48.689	12.718
#2	.79280	107.30	5.0151	.76991	1.1134	48.553	12.703

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49043	30.028	30.075	1.1849	.95907	.83003	.66907
SDev	.00171	.067	.136	.0026	.00796	.00076	.00093
%RSD	.34875	.22205	.45075	.22036	.82971	.09160	.13919
#1	.49164	30.075	30.171	1.1868	.95344	.82949	.66973
#2	.48922	29.981	29.979	1.1831	.96470	.83057	.66841

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3331	1.4898	1.0577	1.1616	.73518	.82323
SDev	.0016	.0014	.0010	.0074	.00749	.00605
%RSD	.12026	.09322	.09624	.63511	1.0182	.73461
#1	1.3342	1.4908	1.0584	1.1669	.72989	.82751
#2	1.3320	1.4888	1.0569	1.1564	.74048	.81896

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41648	--	--	--	--	--	--
SDev	152.7351	--	--	--	--	--	--
%RSD	.3667284	--	--	--	--	--	--
#1	41756	--	--	--	--	--	--
#2	41540	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53506-a-1-m Operator: DCL
Run Time: 04/24/12 12:01:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.128	.00577	.05235	.61826	.00437	.02453	-.00268
SDev	.829	.00021	.00027	.00918	.00010	.00074	.00018
%RSD	1.6532	3.6019	.51390	1.4847	2.3295	3.0339	6.8134
#1	50.714	.00591	.05254	.62475	.00444	.02506	-.00255
#2	49.542	.00562	.05216	.61177	.00430	.02400	-.00281

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	573.46	.10587	.05155	.25579	127.88	.03640	.10695
SDev	10.74	.00206	.00134	.00440	2.19	.00069	.00314
%RSD	1.8723	1.9496	2.5891	1.7211	1.7159	1.8927	2.9321
#1	581.05	.10733	.05249	.25891	129.43	.03689	.10917
#2	565.87	.10441	.05060	.25268	126.33	.03591	.10473

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00307	13.810	2.1244	.02011	.11004	9.2607	12.066
SDev	.00148	.259	.0359	.00128	.00168	.1921	.200
%RSD	48.098	1.8786	1.6920	6.3427	1.5303	2.0748	1.6592
#1	.00412	13.993	2.1498	.02101	.11123	9.3965	12.207
#2	.00203	13.627	2.0989	.01921	.10885	9.1248	11.924

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00207	2.2269	2.4815	1.2707	-.00683	.03897	.36816
SDev	.00073	.1989	.0363	.0192	.00184	.00123	.00622
%RSD	35.104	8.9333	1.4638	1.5093	26.858	3.1584	1.6899
#1	-.00156	2.3675	2.5072	1.2843	-.00554	.03984	.37256
#2	-.00258	2.0862	2.4558	1.2572	-.00813	.03810	.36376

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16487	.64171	.09703	.11191	-.00871	.00896
SDev	.00302	.00959	.00125	.00533	.00451	.00447
%RSD	1.8315	1.4950	1.2923	4.7635	51.845	49.918
#1	.16701	.64849	.09615	.11568	-.01190	.01212
#2	.16274	.63493	.09792	.10814	-.00552	.00580

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39838	--	--	--	--	--	--

SDev	616.5971	--	--	--	--	--	--
%RSD	1.547761	--	--	--	--	--	--
#1	39402	--	--	--	--	--	--
#2	40274	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53507-a-1-h Operator: DCL
Run Time: 04/24/12 12:05:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.121	k.21560	.21323	.39574	-.00047	-.02365	k.24994
SDev	.052	.00072	.00252	.00118	.00000	.00204	.00233
%RSD	.51064	.33385	1.1808	.29690	.57991	8.6113	.93138
#1	10.157	k.21611	.21501	.39657	-.00047	-.02509	k.25159
#2	10.084	k.21509	.21145	.39491	-.00046	-.02221	k.24830

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.8113	2.3133	.26427	k26.259	S798.74	.00463	k.29910
SDev	.0384	.0075	.00328	.152	4.43	.00005	.00042
%RSD	.49220	.32547	1.2395	.57791	.55472	1.0009	.14169

#1	7.8384	2.3186	.26658	k26.366	S801.88	.00466	k.29940
#2	7.7841	2.3080	.26195	k26.152	S795.61	.00459	k.29880

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.34245	2.8172	19.032	.80958	4.0401	.60209	7.7484
SDev	.00377	.0123	.068	.00450	.0435	.01797	.0135
%RSD	1.1014	.43539	.35653	.55572	1.0756	2.9844	.17435
#1	k.33979	2.8258	19.080	.81276	4.0709	.61480	7.7580
#2	k.34512	2.8085	18.984	.80640	4.0094	.58939	7.7389

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01172	1.3338	1.0119	.06695	k.01390	.34608	.40240
SDev	.00049	.0356	.0075	.00015	.00803	.00877	.00136
%RSD	4.1918	2.6673	.74493	.22265	57.760	2.5325	.33774
#1	-.01137	1.3590	1.0172	.06706	k.01957	.35227	.40336
#2	-.01207	1.3086	1.0066	.06685	k.00822	.33988	.40143

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0375	k9.7739	k.39369	k.25180	k.84120	k.09308
SDev	.0030	.0376	.00134	.00004	.00770	.00951
%RSD	.28460	.38456	.34129	.01435	.91521	10.214
#1	1.0396	k9.8005	k.39464	k.25178	k.84665	k.08636
#2	1.0355	k9.7474	k.39274	k.25183	k.83576	k.09980

Analysis Report 04/24/12 12:09:24 PM page 17

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36698	--	--	--	--	--	--
SDev	139.3000	--	--	--	--	--	--
%RSD	.3795900	--	--	--	--	--	--
#1	36599	--	--	--	--	--	--
#2	36796	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53507-a-2-e Operator: DCL
Run Time: 04/24/12 12:09:27
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	146.52	.00480	.05714	2.3921	.01206	.03557	-.00462
SDev	.56	.00137	.00177	.0090	.00005	.00003	.00005
%RSD	.38209	28.499	3.1015	.37475	.39314	.06904	1.1397
#1	146.92	.00384	.05589	2.3984	.01209	.03555	-.00458
#2	146.13	.00577	.05839	2.3858	.01203	.03559	-.00466

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	516.64	.17927	.11859	.16164	172.77	.11809	.23958
SDev	2.01	.00053	.00041	.00125	.53	.00047	.00021
%RSD	.38899	.29719	.34454	.77511	.30927	.40143	.08965
#1	518.06	.17964	.11887	.16252	173.15	.11842	.23943
#2	515.22	.17889	.11830	.16075	172.40	.11775	.23973

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00267	37.303	3.2541	.00671	.13828	15.374	12.116
SDev	.00078	.132	.0123	.00124	.00050	.075	.050
%RSD	29.345	.35507	.37700	18.535	.36317	.48652	.41097
#1	-.00212	37.397	3.2628	.00759	.13793	15.427	12.151
#2	-.00323	37.209	3.2455	.00583	.13864	15.321	12.081

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00251	2.4854	2.6872	1.1569	-.00434	.03188	.27927
SDev	.00056	.0017	.0108	.0040	.00135	.00374	.00079
%RSD	22.357	.06786	.40286	.34909	31.150	11.723	.28234
#1	-.00290	2.4842	2.6948	1.1598	-.00339	.03452	.27983
#2	-.00211	2.4866	2.6795	1.1540	-.00530	.02924	.27872

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44860	.33183	.22203	.24835	-.00990	.00094
SDev	.00157	.00171	.00036	.00050	.00315	.00040
%RSD	.35004	.51554	.16400	.20304	31.880	42.679

#1	.44971	.33304	.22229	.24800	-.00767	.00066	
#2	.44749	.33062	.22177	.24871	-.01213	.00122	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42086	--	--	--	--	--	--
SDev	286.3782	--	--	--	--	--	--
%RSD	.6804516	--	--	--	--	--	--
#1	41884	--	--	--	--	--	--
#2	42289	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-3-b Operator: DCL
Run Time: 04/24/12 12:13:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	127.23	.00927	.06149	1.7847	.01130	.03676	-.00643
SDev	.27	.00227	.00057	.0048	.00004	.00024	.00020
%RSD	.21179	24.465	.93232	.26962	.38421	.64193	3.1534
#1	127.42	.00766	.06109	1.7881	.01133	.03693	-.00629
#2	127.04	.01087	.06190	1.7812	.01126	.03659	-.00657

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.752	.15077	.06654	.17843	205.04	.11557	.14199
SDev	.152	.00097	.00047	.00090	.73	.00017	.00038
%RSD	.40195	.64695	.70226	.50299	.35383	.14928	.26542
#1	37.859	.15146	.06687	.17907	205.55	.11569	.14225
#2	37.645	.15008	.06621	.17780	204.52	.11545	.14172

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	37.580	3.3200	.00500	.18751	15.687	12.068
SDev	.00006	.150	.0128	.00035	.00115	.013	.035
%RSD	7.9212	.40037	.38432	6.9551	.61451	.08358	.29064
#1	-.00077	37.686	3.3290	.00525	.18832	15.696	12.092
#2	-.00086	37.474	3.3109	.00476	.18670	15.677	12.043

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00291	2.8936	3.2019	.23528	-.00835	.02817	.40345
SDev	.00019	.0071	.0023	.00057	.00152	.00083	.00162
%RSD	6.5399	.24460	.07191	.24225	18.139	2.9462	.40271
#1	-.00305	2.8986	3.2003	.23568	-.00942	.02876	.40460
#2	-.00278	2.8886	3.2035	.23488	-.00728	.02758	.40230

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40045	.34060	.12770	.14913	-.01238	.00497
SDev	.00168	.00135	.00074	.00019	.00115	.00067
%RSD	.41831	.39606	.58128	.13019	9.2867	13.496
#1	.40164	.34156	.12822	.14927	-.01319	.00545
#2	.39927	.33965	.12717	.14900	-.01157	.00450

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44488	--	--	--	--	--	--
SDev	166.1701	--	--	--	--	--	--
%RSD	.3735209	--	--	--	--	--	--
#1	44370	--	--	--	--	--	--
#2	44605	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-4-b Operator: DCL
Run Time: 04/24/12 12:17:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	222.05	.00553	.09353	2.8655	.01474	.08950	-.00626
SDev	4.10	.00144	.00251	.0478	.00024	.00177	.00008
%RSD	1.8478	26.096	2.6820	1.6681	1.6213	1.9789	1.2699
#1	219.15	.00655	.09175	2.8317	.01457	.08824	-.00632

#2	224.95	.00451	.09530	2.8993	.01491	.09075	-.00621

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	703.20	.22848	.16358	.17600	269.06	.29553	.22602
SDev	11.51	.00433	.00267	.00355	4.84	.00532	.00199
%RSD	1.6372	1.8952	1.6329	2.0194	1.8000	1.8005	.88233
#1	695.06	.22542	.16169	.17349	265.63	.29177	.22461
#2	711.34	.23154	.16547	.17851	272.48	.29929	.22743

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01624	112.37	24.775	.00181	.26258	32.560	11.417
SDev	.00096	2.02	.402	.00006	.00579	.619	.203
%RSD	5.9014	1.8018	1.6225	3.3463	2.2047	1.9014	1.7755
#1	-.01692	110.94	24.491	.00186	.25849	32.122	11.274
#2	-.01557	113.80	25.059	.00177	.26667	32.998	11.560

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00345	16.708	17.624	.97153	-.01001	.02414	.33324
SDev	.00058	.178	.327	.01631	.00324	.00086	.00596
%RSD	16.701	1.0634	1.8542	1.6782	32.359	3.5815	1.7901

#1	-.00304	16.582	17.393	.96001	-.01230	.02352	.32902
#2	-.00385	16.833	17.855	.98306	-.00772	.02475	.33745

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42126	.47015	.20296	.23755	-.02871	-.01001
SDev	.00774	.00778	.00172	.00385	.00339	.00026
%RSD	1.8381	1.6556	.84936	1.6221	11.823	2.5874
#1	.41578	.46465	.20418	.23483	-.03111	-.00983
#2	.42673	.47565	.20174	.24028	-.02631	-.01020

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	48067	--	--	--	--	--	--
SDev	492.1463	--	--	--	--	--	--
%RSD	1.023876	--	--	--	--	--	--
#1	48415	--	--	--	--	--	--
#2	47719	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-4-c du Operator: DCL
Run Time: 04/24/12 12:21:16
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	252.26	.00934	.07990	2.6483	.01662	.08660	-.00726
SDev	1.36	.00034	.00177	.0102	.00005	.00093	.00019
%RSD	.53873	3.6831	2.2119	.38379	.27607	1.0788	2.6739

#1	253.22	.00958	.08115	2.6555	.01665	.08726	-.00712
#2	251.30	.00910	.07865	2.6411	.01659	.08594	-.00740

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	551.35	.24903	.13134	.17817	280.54	.29890	.17059
SDev	.49	.00095	.00070	.00080	.64	.00187	.00114
%RSD	.08873	.38061	.53184	.44837	.22732	.62664	.67094

#1	551.70	.24970	.13183	.17874	280.99	.30023	.16978
#2	551.01	.24836	.13084	.17761	280.09	.29758	.17140

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01348	105.68	10.138	.00265	.26623	32.855	12.123
SDev	.00253	.27	.021	.00134	.00160	.204	.046
%RSD	18.761	.25708	.20956	50.410	.60095	.62199	.37830

#1	-.01169	105.87	10.153	.00360	.26736	33.000	12.156
#2	-.01527	105.49	10.123	.00171	.26510	32.711	12.091

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	-.00357	18.826	19.528	.86420	-.00527	.03033	.34003
SDev	.00039	.143	.157	.00308	.00248	.00298	.00120
%RSD	10.858	.76131	.80226	.35618	47.005	9.8203	.35390

#1	-.00329	18.928	19.639	.86637	-.00352	.03243	.34088
#2	-.00384	18.725	19.417	.86202	-.00702	.02822	.33918

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43823	.49636	.14868	.18154	-.02611	-.00716
SDev	.00107	.00164	.00003	.00173	.00592	.00083
%RSD	.24504	.33097	.02255	.95491	22.663	11.649

#1	.43899	.49752	.14870	.18032	-.02193	-.00657
#2	.43747	.49520	.14866	.18277	-.03030	-.00775

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	44456	--	--	--	--	--	--
SDev	107.4802	--	--	--	--	--	--
%RSD	.2417677	--	--	--	--	--	--

#1	44532	--	--	--	--	--	--
#2	44380	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-4-d ms Operator: DCL
Run Time: 04/24/12 12:25:14
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	307.31	.24438	.89185	26.934	.40472	.60497	.38152

SDev	1.51	.00263	.00504	.081	.00056	.00168	.00026
%RSD	.49008	1.0742	.56557	.29990	.13906	.27820	.06750
#1	308.37	.24624	.89542	26.991	.40512	.60616	.38170
#2	306.25	.24252	.88828	26.876	.40433	.60378	.38134

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	733.37	1.0579	.91105	1.0414	325.97	.85225	.98445
SDev	.13	.0023	.00172	.0045	.53	.00558	.00320
%RSD	.01800	.21389	.18872	.42808	.16303	.65477	.32523
#1	733.47	1.0595	.91227	1.0446	326.34	.85620	.98219
#2	733.28	1.0563	.90984	1.0383	325.59	.84831	.98672

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70881	132.61	13.763	.64752	1.0334	53.128	12.429
SDev	.00366	.27	.024	.00205	.0058	.315	.028
%RSD	.51592	.20575	.17231	.31706	.56355	.59347	.22859
#1	.71140	132.80	13.779	.64607	1.0375	53.351	12.449

#2	.70622	132.41	13.746	.64897	1.0293	52.905	12.409

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44419	29.446	30.550	2.1698	.83188	.71698	.56153
SDev	.00160	.250	.248	.0074	.00098	.00246	.00172
%RSD	.35945	.84973	.81176	.33985	.11836	.34345	.30670
#1	.44532	29.623	30.726	2.1750	.83257	.71872	.56274
#2	.44306	29.269	30.375	2.1646	.83118	.71524	.56031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2539	1.4036	.91363	1.0199	.64902	.73871
SDev	.0025	.0030	.00272	.0062	.00442	.00328
%RSD	.20085	.21636	.29757	.60419	.68082	.44348
#1	1.2557	1.4058	.91555	1.0155	.65214	.74102
#2	1.2521	1.4015	.91170	1.0242	.64589	.73639

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46188	--	--	--	--	--	--
SDev	109.6016	--	--	--	--	--	--
%RSD	.2372970	--	--	--	--	--	--
#1	46265	--	--	--	--	--	--
#2	46110	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-4-e msd Operator: DCL
Run Time: 04/24/12 12:29:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	311.01	.26165	.89956	3.4915	.41165	.60267	.38871
SDev	1.04	.00063	.00145	.0102	.00140	.00165	.00131
%RSD	.33436	.24089	.16121	.29108	.33954	.27375	.33637
#1	311.74	.26210	.90058	3.4987	.41264	.60384	.38963
#2	310.27	.26121	.89853	3.4843	.41066	.60151	.38778

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	669.44	1.0715	.91298	1.0643	337.38	.85494	1.0515
SDev	1.75	.0031	.00315	.0043	.89	.00237	.0065
%RSD	.26118	.28560	.34503	.40216	.26493	.27741	.61688
#1	670.67	1.0736	.91521	1.0673	338.01	.85662	1.0560
#2	668.20	1.0693	.91075	1.0612	336.75	.85327	1.0469

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71183	130.62	13.278	.66183	1.0420	52.112	12.324

SDev	.00022	.46	.038	.00138	.0002	.120	.034
%RSD	.03039	.34952	.28358	.20864	.01512	.23035	.27785
#1	.71168	130.94	13.305	.66280	1.0421	52.197	12.349
#2	.71199	130.30	13.252	.66085	1.0419	52.027	12.300

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44800	29.588	30.715	1.4091	.84485	.72926	.60188
SDev	.00056	.043	.083	.0037	.00414	.00259	.00182
%RSD	.12462	.14463	.26910	.26201	.48950	.35463	.30304
#1	.44840	29.558	30.774	1.4117	.84778	.73109	.60317
#2	.44761	29.618	30.657	1.4065	.84193	.72743	.60059

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3686	1.4146	.97011	1.0921	.64699	.74426
SDev	.0038	.0042	.00447	.0075	.00036	.00051
%RSD	.27844	.29370	.46075	.68623	.05583	.06787
#1	1.3713	1.4176	.97327	1.0974	.64724	.74390
#2	1.3659	1.4117	.96695	1.0868	.64673	.74461

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45387	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.0373908	--	--	--	--	--	--
#1	45375	--	--	--	--	--	--
#2	45399	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-5-b Operator: DCL
Run Time: 04/24/12 12:33:11
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.447	.00455	.01849	1.2596	.00552	.03333	-.00331
SDev	.393	.00344	.00172	.0048	.00002	.00055	.00015
%RSD	.45430	75.611	9.3233	.38310	.38753	1.6376	4.4713
#1	86.724	.00698	.01727	1.2630	.00554	.03372	-.00321
#2	86.169	.00212	.01971	1.2561	.00551	.03295	-.00342

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.372	.09956	.03438	.04271	97.521	.08071	.05652
SDev	.113	.00034	.00050	.00052	.353	.00033	.00026
%RSD	.44493	.34184	1.4592	1.2086	.36247	.40709	.46028
#1	25.451	.09980	.03473	.04307	97.771	.08094	.05634

#2	25.292	.09932	.03402	.04234	97.271	.08048	.05671

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00176	25.663	1.5635	.00264	.10240	10.545	12.159
SDev	.00195	.125	.0064	.00180	.00035	.043	.063
%RSD	111.13	.48776	.40781	68.225	.34437	.40481	.52028
#1	-.00314	25.752	1.5680	.00392	.10265	10.575	12.204
#2	-.00038	25.575	1.5590	.00137	.10215	10.515	12.115

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00103	1.9848	2.0765	.16637	-.00078	.02733	.29391
SDev	.00054	.1846	.0076	.00057	.00181	.00226	.00139
%RSD	52.798	9.3023	.36690	.34112	231.20	8.2508	.47381
#1	-.00064	2.1154	2.0819	.16677	-.00206	.02893	.29489
#2	-.00141	1.8542	2.0712	.16597	.00050	.02574	.29292

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15208	.19516	.05139	.05909	-.00916	.00194
SDev	.00055	.00116	.00012	.00045	.00379	.00104
%RSD	.36324	.59264	.22427	.75797	41.365	53.287
#1	.15247	.19598	.05147	.05877	-.01184	.00121
#2	.15168	.19434	.05131	.05941	-.00648	.00268

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41437	--	--	--	--	--	--
SDev	128.6934	--	--	--	--	--	--
%RSD	.3105761	--	--	--	--	--	--
#1	41346	--	--	--	--	--	--
#2	41528	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 12:37:09
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4623	.51073	.50189	.51294	.47490	.50943	.51994
SDev	.0054	.00107	.00163	.00044	.00076	.00089	.00077
%RSD	.22093	.20978	.32454	.08675	.15907	.17400	.14811
#1	2.4662	.50997	.50304	.51326	.47543	.51005	.52049
#2	2.4585	.51148	.50074	.51263	.47436	.50880	.51940

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	12.386	.47844	.47679	.48145	2.5999	.47722	.49438
SDev	.025	.00088	.00158	.00032	.0153	.00035	.00134
%RSD	.20585	.18280	.33120	.06636	.58760	.07403	.27029
#1	12.404	.47906	.47791	.48168	2.6107	.47747	.49344
#2	12.368	.47782	.47568	.48123	2.5891	.47697	.49533

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48902	4.8260	.47632	.50685	.48593	12.625	.96684
SDev	.00326	.0066	.00069	.00137	.00156	.014	.00528
%RSD	.66701	.13604	.14568	.26948	.32029	.10970	.54652
#1	.48672	4.8306	.47681	.50588	.48703	12.615	.97058
#2	.49133	4.8214	.47583	.50781	.48483	12.635	.96310

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24789	12.929	12.296	.25588	.54181	.48960	.50198
SDev	.00115	.056	.000	.00009	.00070	.00294	.00101
%RSD	.46466	.43641	.00038	.03471	.12947	.59995	.20187
#1	.24870	12.889	12.296	.25594	.54131	.49168	.50269
#2	.24707	12.969	12.296	.25582	.54230	.48752	.50126

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48656	.51893	.46255	.51030	.45115	.50801
SDev	.00088	.00063	.00264	.00068	.00459	.00260
%RSD	.18092	.12055	.57030	.13432	1.0165	.51172
#1	.48719	.51937	.46068	.50982	.44791	.50617
#2	.48594	.51848	.46441	.51078	.45440	.50985

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39418	--	--	--	--	--	--
SDev	111.7229	--	--	--	--	--	--
%RSD	.2834311	--	--	--	--	--	--

#1	39497	--	--	--	--	--	--
#2	39339	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 12:41:08
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06799	.00495	.00263	.00018	-.00054	.00210	-.00003
SDev	.00066	.00205	.00235	.00001	.00003	.00013	.00000
%RSD	.97501	41.373	89.281	5.8195	5.5087	6.1378	8.1186

#1	.06752	.00640	.00430	.00019	-.00052	.00201	-.00003
#2	.06846	.00350	.00097	.00017	-.00056	.00219	-.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00746	.00038	.00023	-.00294	.00404	.00035	.00084
SDev	.00020	.00015	.00054	.00018	.00345	.00010	.00028
%RSD	2.6506	40.577	235.36	6.0770	85.289	29.188	33.103
#1	-.00760	.00049	-.00015	-.00307	.00648	.00042	.00064
#2	-.00732	.00027	.00061	-.00282	.00160	.00028	.00103

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.01837	.00017	.00236	-.00010	.11282	.00307
SDev	.00077	.00378	.00006	.00056	.00036	.02958	.00174
%RSD	101.21	20.555	35.921	23.492	345.87	26.215	56.814
#1	.00022	.02104	.00022	.00276	.00015	.13374	.00430
#2	.00131	.01570	.00013	.00197	-.00036	.09191	.00184

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	-.11221	.01189	-.00003	.00009	-.00009	.00013
SDev	.00026	.03516	.00146	.00002	.00005	.00037	.00006
%RSD	283.72	31.330	12.299	57.807	52.152	437.52	45.097
#1	-.00027	-.13707	.01292	-.00002	.00006	.00018	.00017
#2	.00009	-.08735	.01085	-.00005	.00012	-.00035	.00009

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00044	.00091	.00080	-.00231	.00230
SDev	.00001	.00003	.00216	.00066	.00060	.00146
%RSD	1.3486	6.7523	238.08	82.612	26.038	63.403
#1	.00060	.00046	-.00062	.00127	-.00189	.00127
#2	.00059	.00042	.00243	.00033	-.00274	.00333

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38888	--	--	--	--	--	--

SDev	217.0818	--	--	--	--	--	--
%RSD	.5582302	--	--	--	--	--	--
#1	38734	--	--	--	--	--	--
#2	39041	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-6-b Operator: DCL
Run Time: 04/24/12 12:45:06
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	199.21	.00605	.05281	4.1397	.01541	.04297	-.00852
SDev	.73	.00407	.00002	.0153	.00007	.00030	.00012
%RSD	.36594	67.299	.03606	.37031	.48388	.69587	1.3849
#1	199.73	.00317	.05280	4.1506	.01546	.04276	-.00843
#2	198.70	.00893	.05283	4.1289	.01536	.04318	-.00860

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.393	.19170	.11621	.15151	261.49	.20287	.16179
SDev	.281	.00063	.00057	.00117	1.26	.00071	.00032
%RSD	.45692	.32688	.49440	.77328	.48353	.34894	.20044
#1	61.592	.19214	.11661	.15233	262.39	.20337	.16156
#2	61.195	.19125	.11580	.15068	260.60	.20237	.16202

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00510	70.061	2.4263	.00230	.23185	22.981	11.748
SDev	.00239	.304	.0109	.00030	.00124	.084	.046
%RSD	46.801	.43454	.44793	13.081	.53660	.36703	.39377
#1	-.00341	70.277	2.4339	.00251	.23273	23.040	11.781
#2	-.00679	69.846	2.4186	.00209	.23097	22.921	11.716

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00307	9.3319	9.4569	.66646	-.00180	.03104	.26306
SDev	.00021	.1429	.0177	.00266	.00279	.00273	.00109
%RSD	6.6744	1.5310	.18692	.39928	155.04	8.7920	.41559
#1	-.00293	9.4329	9.4694	.66834	.00017	.03297	.26384
#2	-.00322	9.2309	9.4444	.66458	-.00377	.02911	.26229

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32734	.44877	.14530	.17003	-.01389	-.00070
SDev	.00168	.00205	.00099	.00098	.00127	.00294
%RSD	.51237	.45748	.68129	.57718	9.1767	417.91
#1	.32853	.45022	.14600	.16934	-.01299	.00138
#2	.32616	.44732	.14460	.17073	-.01479	-.00278

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	42004	--	--	--	--	--	--
SDev	342.9468	--	--	--	--	--	--
%RSD	.8164525	--	--	--	--	--	--
#1	41762	--	--	--	--	--	--
#2	42247	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-7-b Operator: DCL
Run Time: 04/24/12 12:49:03
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	175.37	.00574	.06139	2.8941	.01637	.02923	-.00716
SDev	.42	.00264	.00038	.0053	.00004	.00005	.00002
%RSD	.23676	45.896	.61462	.18469	.21831	.16839	.25843
#1	175.67	.00388	.06112	2.8979	.01639	.02927	-.00715
#2	175.08	.00761	.06166	2.8903	.01634	.02920	-.00717

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.393	.17585	.14646	.14209	213.81	.14986	.25435
SDev	.108	.00001	.00036	.00026	.41	.00021	.00083
%RSD	.22791	.00319	.24862	.18252	.18957	.14291	.32724
#1	47.469	.17585	.14672	.14227	214.10	.15001	.25494
#2	47.316	.17585	.14621	.14191	213.52	.14971	.25376

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00799	54.442	7.1213	.00211	.19877	16.121	10.685
SDev	.00068	.151	.0158	.00042	.00100	.044	.029
%RSD	8.4526	.27827	.22142	19.943	.50366	.27026	.26743
#1	-.00751	54.549	7.1324	.00181	.19948	16.152	10.705
#2	-.00846	54.335	7.1101	.00241	.19806	16.090	10.665

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00447	9.9823	9.8340	.54429	-.00435	.02487	.17390
SDev	.00036	.0420	.0193	.00091	.00351	.00097	.00034
%RSD	8.0926	.42034	.19616	.16692	80.810	3.9214	.19624
#1	-.00422	10.012	9.8477	.54493	-.00186	.02556	.17414
#2	-.00473	9.9526	9.8204	.54365	-.00683	.02418	.17366

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43895	.31422	.23218	.26543	-.02194	-.00101
SDev	.00092	.00089	.00083	.00083	.00223	.00213
%RSD	.20838	.28395	.35703	.31421	10.152	210.74
#1	.43960	.31485	.23277	.26602	-.02351	.00049
#2	.43830	.31359	.23160	.26484	-.02036	-.00251

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	45619	--	--	--	--	--	--
SDev	53.74012	--	--	--	--	--	--
%RSD	.1178021	--	--	--	--	--	--

Analysis Report 04/24/12 12:52:57 PM page 29

#1	45581	--	--	--	--	--	--
#2	45657	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-8-b Operator: DCL
Run Time: 04/24/12 12:53:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	329.35	.01021	.09444	12.962	.01981	.12732	-.01089
SDev	.79	.00110	.00049	.031	.00003	.00052	.00004
%RSD	.23903	10.807	.51450	.23680	.16998	.40722	.33679
#1	329.90	.01099	.09479	12.983	.01984	.12769	-.01092
#2	328.79	.00943	.09410	12.940	.01979	.12695	-.01087

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	307.83	.31793	.16027	.23018	383.60	.36586	.16240
SDev	1.00	.00081	.00109	.00019	1.21	.00070	.00101
%RSD	.32392	.25372	.67747	.08418	.31489	.19129	.62066
#1	308.53	.31850	.16104	.23032	384.45	.36635	.16311
#2	307.12	.31736	.15950	.23005	382.75	.36537	.16169

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01411	139.04	6.9089	.00591	.34342	49.576	12.550
SDev	.00166	.41	.0186	.00011	.00116	.084	.022
%RSD	11.767	.29138	.26969	1.9215	.33791	.16960	.17467
#1	-.01528	139.33	6.9220	.00599	.34424	49.635	12.566
#2	-.01294	138.76	6.8957	.00583	.34260	49.516	12.535

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00391	25.694	26.009	1.1101	.00245	.03181	.44450
SDev	.00031	.224	.035	.0022	.00261	.00139	.00085
%RSD	7.8392	.87060	.13331	.19461	106.23	4.3693	.19155
#1	-.00369	25.852	26.033	1.1117	.00430	.03083	.44510
#2	-.00413	25.536	25.984	1.1086	.00061	.03279	.44390

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51029	.74988	.13927	.17396	-.02110	-.01061
SDev	.00140	.00184	.00275	.00014	.00729	.00613
%RSD	.27464	.24531	1.9741	.07888	34.533	57.801
#1	.51128	.75118	.14121	.17406	-.01595	-.01495

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 #2      .50930    .74858    .13733    .17387    -.02626   -.00627


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED

Analysis Report                          04/24/12 12:56:53 PM        page 30


 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    42208     --        --        --        --        --        --
 SDev    197.9899  --        --        --        --        --        --
 %RSD    .4690815  --        --        --        --        --        --

 #1      42068     --        --        --        --        --        --
 #2      42348     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-53514-a-9-b        Operator: DCL
Run Time: 04/24/12 12:56:56
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    298.52    .00800    .05793    24.921    .01705    .11691    -.00747
 SDev       .91    .00384    .00325      .070    .00004    .00056     .00002
 %RSD    .30621    47.996    5.6079    .27902    .25632    .48361    .31133

 #1      299.17    .00529    .05563    24.970    .01708    .11731    -.00749
 #2      297.87    .01072    .06022    24.872    .01702    .11651    -.00746

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    482.10    .27216    .07799    .17499    295.96    .35696    .10066
 SDev      2.11    .00098    .00044    .00072       .85    .00075    .00048
 %RSD    .43812    .35956    .56386    .40982    .28693    .21075    .47408

 #1      483.60    .27285    .07830    .17550    296.56    .35749    .10032
 #2      480.61    .27147    .07768    .17449    295.35    .35643    .10100

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.01132   133.63    2.8276    .00230    .27130    46.165    12.449
 SDev     .00033      .51     .0101    .00150    .00083      .103      .031
 %RSD    2.9173    .37869    .35664    65.136    .30473    .22373    .24697

 #1      -.01155   133.98    2.8348    .00336    .27188    46.238    12.471
 #2      -.01108   133.27    2.8205    .00124    .27071    46.092    12.427

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00359   14.363    15.072    1.3595    .00181    .02903    .46774
 SDev     .00036     .005      .022     .0036    .00278    .00214    .00175
 %RSD    10.082    .03434    .14471    .26114    153.48    7.3610    .37478

 #1      -.00333   14.360    15.087    1.3620    .00378    .03054    .46898
 #2      -.00385   14.367    15.056    1.3570    -.00015   .02751    .46650

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .37615    .63414    .08479    .10860    -.01844   -.00776
 SDev    .00156    .00153    .00008    .00067     .00124    .00013
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 %RSD    .41577    .24119    .09798    .62091    6.7323    1.6159

 #1      .37725    .63522    .08473    .10812    -.01932   -.00767

Analysis Report                          04/24/12 01:00:51 PM        page 31


 #2      .37504    .63306    .08485    .10907    -.01756   -.00785

 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    42737     --        --        --        --        --        --
 SDev    315.3696  --        --        --        --        --        --
 %RSD    .7379311  --        --        --        --        --        --

 #1      42514     --        --        --        --        --        --
 #2      42960     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-53514-a-10-c       Operator: DCL
Run Time: 04/24/12 13:00:54
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    146.18    .00661    .04715    1.7760    .00537    .02466    -.00454
 SDev       .40    .00034    .00097     .0055    .00003    .00029     .00001
 %RSD    .27339    5.1279    2.0500    .31244    .48393    1.1749    .23119

 #1      146.46    .00685    .04647    1.7799    .00539    .02487    -.00455
 #2      145.90    .00637    .04783    1.7721    .00535    .02446    -.00454

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    200.80    .10602    .04914    .09596    141.34    .10342    .19785
 SDev       .74    .00054    .00008    .00060       .51    .00027    .00112
 %RSD    .36838    .50994    .16169    .62552    .36138    .25761    .56849

 #1      201.33    .10640    .04920    .09638    141.70    .10361    .19865
 #2      200.28    .10563    .04909    .09553    140.98    .10323    .19706

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00520   37.451    1.7415    .00312    .10170    14.878    11.983
 SDev     .00054     .141     .0059    .00038    .00084      .048      .033
 %RSD    10.461    .37715    .33840    12.138    .82539    .31990    .27758

 #1      -.00559   37.550    1.7457    .00339    .10230    14.912    12.006
 #2      -.00482   37.351    1.7374    .00285    .10111    14.845    11.959

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    -.00276   11.210    11.299    .49028    -.00606   .02856    .19130
 SDev     .00006     .095      .013    .00118     .00545   .00159    .00080
 %RSD    2.1247    .84989    .11824    .23965    89.856    5.5725    .42024

 #1      -.00272   11.277    11.309    .49111    -.00221   .02968    .19186
 #2      -.00280   11.142    11.290    .48944    -.00991   .02743    .19073

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
```

Avge	.24711	.23821	.17770	.20793	-.01306	-.00127

SDev	.00118	.00111	.00187	.00075	.00385	.00111
%RSD	.47667	.46561	1.0540	.36103	29.517	87.174
#1	.24795	.23899	.17902	.20846	-.01578	-.00049
#2	.24628	.23742	.17638	.20740	-.01033	-.00206

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40156	--	--	--	--	--	--
SDev	180.3122	--	--	--	--	--	--
%RSD	.4490350	--	--	--	--	--	--
#1	40028	--	--	--	--	--	--
#2	40283	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-11-b Operator: DCL
Run Time: 04/24/12 13:04:53
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	170.94	.00470	.03315	1.8176	.01402	.03421	-.00523
SDev	.56	.00162	.00289	.0054	.00005	.00043	.00017
%RSD	.32985	34.570	8.7122	.29773	.32631	1.2546	3.2101
#1	171.34	.00355	.03111	1.8214	.01405	.03451	-.00511
#2	170.54	.00585	.03519	1.8138	.01399	.03391	-.00534

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.852	.12632	.06464	.11384	156.24	.09733	.14073
SDev	.194	.00027	.00063	.00025	.57	.00032	.00028
%RSD	.36613	.21724	.98149	.22270	.36172	.32642	.19779
#1	52.989	.12652	.06509	.11402	156.64	.09756	.14093
#2	52.716	.12613	.06419	.11367	155.84	.09711	.14054

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00460	58.538	3.7598	.00127	.13422	17.893	10.560
SDev	.00108	.206	.0132	.00071	.00151	.050	.036
%RSD	23.505	.35237	.35209	55.656	1.1258	.28046	.34237
#1	-.00536	58.684	3.7692	.00177	.13528	17.929	10.586
#2	-.00383	58.392	3.7505	.00077	.13315	17.858	10.535

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00405	17.708	17.324	.67118	-.00094	.02489	.15795
SDev	.00051	.152	.039	.00198	.00477	.00011	.00049
%RSD	12.650	.85751	.22681	.29574	505.73	.44044	.30758
#1	-.00369	17.816	17.352	.67258	.00243	.02497	.15829
#2	-.00442	17.601	17.297	.66977	-.00432	.02482	.15760

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20851	.35634	.12248	.14986	-.01154	-.00113
SDev	.00066	.00135	.00127	.00022	.00521	.00099
%RSD	.31835	.37785	1.0356	.14459	45.189	87.441
#1	.20897	.35730	.12338	.14971	-.01522	-.00043
#2	.20804	.35539	.12159	.15001	-.00785	-.00182

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	46996	--	--	--	--	--	--
SDev	123.0366	--	--	--	--	--	--
%RSD	.2618022	--	--	--	--	--	--
#1	46909	--	--	--	--	--	--
#2	47083	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53514-a-12-b Operator: DCL
Run Time: 04/24/12 13:08:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	311.10	.00848	.08293	.91403	.01873	.11509	-.00999
SDev	1.11	.00079	.00050	.00418	.00006	.00021	.00016
%RSD	.35665	9.2896	.60174	.45733	.29669	.18234	1.5581
#1	311.89	.00792	.08257	.91698	.01877	.11495	-.00988
#2	310.32	.00904	.08328	.91107	.01869	.11524	-.01010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	392.12	.30044	.09119	.22096	350.75	.36804	.13747
SDev	.65	.00114	.00031	.00127	.98	.00169	.00255
%RSD	.16660	.37928	.33962	.57313	.27917	.45850	1.8543
#1	392.58	.30124	.09097	.22185	351.44	.36923	.13567
#2	391.66	.29963	.09141	.22006	350.06	.36685	.13927

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01159	140.79	3.8123	.00310	.29940	46.558	12.349
SDev	.00019	.32	.0095	.00114	.00150	.177	.043
%RSD	1.6021	.22554	.24985	36.786	.49968	.38078	.34994
#1	-.01146	141.01	3.8190	.00391	.30046	46.683	12.380
#2	-.01172	140.57	3.8056	.00230	.29834	46.432	12.319

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00475	14.893	15.827	.91658	.00582	.03272	.50091
SDev	.00062	.024	.089	.00355	.00392	.00424	.00174

%RSD	13.144	.16390	.55999	.38744	67.422	12.953	.34720
#1	-.00520	14.876	15.889	.91909	.00859	.03572	.50214
#2	-.00431	14.911	15.764	.91407	.00304	.02973	.49968

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49215	.67708	.11970	.14635	-.01388	-.01044
SDev	.00162	.00207	.00046	.00405	.01111	.00528
%RSD	.32918	.30551	.38264	2.7690	80.054	50.528
#1	.49330	.67854	.12002	.14349	-.00602	-.01418
#2	.49100	.67562	.11938	.14922	-.02174	-.00671

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	43099	--	--	--	--	--	--
SDev	135.7645	--	--	--	--	--	--
%RSD	.3150062	--	--	--	--	--	--
#1	43195	--	--	--	--	--	--
#2	43003	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53429-a-6-c Operator: DCL
Run Time: 04/24/12 13:12:50
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	214.58	.92754	.95297	2.7532	.42631	.98327	.44215
SDev	5.16	.02417	.02441	.0633	.00998	.01881	.00991
%RSD	2.4051	2.6053	2.5615	2.2981	2.3416	1.9133	2.2407
#1	218.23	.94463	.97023	2.7980	.43337	.99658	.44915
#2	210.93	.91046	.93571	2.7085	.41925	.96997	.43514

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	185.76	1.0241	.91839	1.0655	220.51	1.2253	1.1612
SDev	4.34	.0253	.02156	.0245	5.33	.0258	.0269
%RSD	2.3355	2.4718	2.3473	2.3013	2.4189	2.1018	2.3126
#1	188.83	1.0420	.93363	1.0828	224.29	1.2435	1.1801
#2	182.69	1.0062	.90315	1.0481	216.74	1.2071	1.1422

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82885	88.784	5.1996	.90114	1.0538	38.294	12.425
SDev	.02472	2.122	.1231	.01845	.0247	.808	.288
%RSD	2.9824	2.3902	2.3673	2.0478	2.3467	2.1100	2.3155
#1	.84633	90.285	5.2866	.91419	1.0713	38.865	12.629
#2	.81137	87.283	5.1126	.88809	1.0364	37.722	12.222

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45701	27.418	27.927	1.1047	.95592	.88561	1.2242
SDev	.00990	.666	.542	.0252	.01810	.01748	.0297
%RSD	2.1665	2.4282	1.9423	2.2781	1.8932	1.9737	2.4250
#1	.46401	27.889	28.311	1.1225	.96872	.89797	1.2452
#2	.45001	26.948	27.543	1.0869	.94313	.87325	1.2032

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1676	1.3634	1.0658	1.2088	.75452	.86601
SDev	.0279	.0310	.0253	.0276	.01972	.02722
%RSD	2.3899	2.2738	2.3778	2.2839	2.6136	3.1431
#1	1.1874	1.3853	1.0837	1.2284	.76847	.88526
#2	1.1479	1.3415	1.0479	1.1893	.74058	.84676

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41130	--	--	--	--	--	--
SDev	859.8419	--	--	--	--	--	--
%RSD	2.090547	--	--	--	--	--	--
#1	40522	--	--	--	--	--	--
#2	41738	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53429-a-6-c@5 Operator: DCL
Run Time: 04/24/12 13:16:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.211	.00421	.01342	.40842	.00248	.01380	-.00163
SDev	.080	.00475	.00142	.00022	.00003	.00098	.00006
%RSD	.17397	112.97	10.589	.05483	1.3254	7.1148	3.4662
#1	46.268	.00757	.01443	.40857	.00251	.01450	-.00167
#2	46.154	.00085	.01242	.40826	.00246	.01311	-.00159

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.686	.04069	.02196	.03618	48.021	.04557	.06668
SDev	.117	.00028	.00004	.00081	.100	.00020	.00065
%RSD	.28084	.69967	.17533	2.2307	.20721	.43142	.96964
#1	41.769	.04089	.02199	.03675	48.092	.04571	.06714
#2	41.603	.04049	.02193	.03560	47.951	.04543	.06622

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	18.286	1.0135	.00332	.04965	5.7666	2.6384
SDev	.00294	.042	.0020	.00082	.00047	.0300	.0091
%RSD	6306.6	.23193	.19376	24.645	.95425	.52071	.34475

Analysis Report 04/24/12 01:20:38 PM page 36

#1	-.00203	18.316	1.0149	.00389	.04931	5.7878	2.6449
#2	.00212	18.256	1.0122	.00274	.04998	5.7453	2.6320

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00121	3.3645	3.4260	.14156	.00008	.00623	.07499
SDev	.00047	.0489	.0039	.00006	.00044	.00093	.00023
%RSD	38.328	1.4520	.11339	.04176	572.47	15.001	.30864
#1	-.00154	3.3300	3.4233	.14161	.00039	.00557	.07515
#2	-.00088	3.3991	3.4288	.14152	-.00023	.00689	.07482

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06998	.10491	.06002	.07001	-.00879	.00446
SDev	.00066	.00020	.00059	.00068	.00010	.00436
%RSD	.94434	.18957	.97848	.96585	1.0877	97.638
#1	.07044	.10505	.06044	.07048	-.00885	.00138
#2	.06951	.10477	.05961	.06953	-.00872	.00754

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38884	--	--	--	--	--	--
SDev	176.0696	--	--	--	--	--	--
%RSD	.4528131	--	--	--	--	--	--
#1	38759	--	--	--	--	--	--
#2	39008	--	--	--	--	--	--

Analysis Report 04/24/12 01:25:23 PM page 1

Method: 20076010 Sample Name: 600-53894-a-1-c Operator: DCL
Run Time: 04/24/12 13:21:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4571	k.19149	.23007	1.1907	-.00107	.02583	k.23375
SDev	.0134	.00502	.00517	.0032	.00001	.00140	.00048
%RSD	.20742	2.6222	2.2455	.26471	.75948	5.4042	.20590
#1	6.4666	k.18794	.22642	1.1929	-.00108	.02485	k.23409
#2	6.4476	k.19504	.23372	1.1885	-.00106	.02682	k.23341

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.694	1.5319	.44953	k1.6217	S813.72	.03352	k.27284
SDev	.076	.0011	.00263	.0031	2.09	.00010	.00028
%RSD	.21951	.07047	.58437	.19247	.25695	.30031	.10384
#1	34.640	1.5326	.45139	k1.6239	S815.20	.03359	k.27264
#2	34.748	1.5311	.44767	k1.6195	S812.24	.03345	k.27304

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k-.81807	23.395	25.388	.19644	1.0928	1.3169	11.490
SDev	.00252	.031	.037	.00371	.0119	.0134	.119
%RSD	.30792	.13219	.14434	1.8905	1.0885	1.0195	1.0385
#1	k-.81629	23.417	25.413	.19906	1.1012	1.3264	11.406

#2	k-.81985	23.373	25.362	.19381	1.0844	1.3074	11.574

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01707	17.725	16.940	.65659	k.21137	.20309	.51608
SDev	.00034	.003	.088	.00143	.01326	.00662	.00065
%RSD	2.0042	.01567	.51786	.21717	6.2748	3.2608	.12631
#1	-.01683	17.723	17.002	.65760	k.22074	.20777	.51654
#2	-.01731	17.727	16.878	.65558	k.20199	.19841	.51562

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31327	k2.2536	k.37398	k.22227	k-.22604	k-1.1141
SDev	.00002	.0016	.00064	.00075	.00350	.0020
%RSD	.00533	.07257	.17092	.33499	1.5495	.18197
#1	.31325	k2.2547	k.37443	k.22175	k-.22356	k-1.1127
#2	.31328	k2.2524	k.37353	k.22280	k-.22851	k-1.1155

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36090	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.0764133	--	--	--	--	--	--

#1	36070	--	--	--	--	--	--
#2	36109	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 13:25:26
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5094	.52150	.51129	.53100	.47228	.52201	.53339
SDev	.0218	.00503	.00030	.00297	.00193	.00405	.00226
%RSD	.86778	.96501	.05860	.55983	.40787	.77642	.42408
#1	2.5248	.52506	.51108	.53310	.47364	.52488	.53499
#2	2.4940	.51795	.51150	.52890	.47092	.51915	.53179

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.498	.48063	.48078	.48665	2.8736	.49485	.50022
SDev	.043	.00215	.00203	.00387	.0900	.00290	.00285
%RSD	.34209	.44674	.42307	.79463	3.1330	.58627	.56921
#1	12.528	.48215	.48222	.48939	2.9373	.49690	.50224
#2	12.467	.47911	.47934	.48392	2.8099	.49280	.49821

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49484	4.8449	.48420	.51395	.49024	13.093	1.0289
SDev	.00240	.0178	.00237	.00194	.00189	.080	.0305

%RSD	.48506	.36815	.48858	.37845	.38641	.61066	2.9657
#1	.49654	4.8575	.48588	.51533	.49158	13.149	1.0505
#2	.49314	4.8323	.48253	.51258	.48890	13.036	1.0074

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25330	13.067	12.795	.26458	.55573	.49207	.51031
SDev	.00115	.017	.134	.00138	.00099	.00059	.00224
%RSD	.45372	.13350	1.0469	.52326	.17751	.11893	.43808
#1	.25411	13.054	12.890	.26556	.55503	.49248	.51189
#2	.25249	13.079	12.701	.26360	.55643	.49165	.50873

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49086	.53199	.46160	.51954	.45421	.51515
SDev	.00271	.00277	.00356	.00249	.00561	.00080
%RSD	.55267	.52020	.77016	.47994	1.2344	.15474
#1	.49278	.53395	.46411	.52130	.45818	.51572
#2	.48894	.53004	.45908	.51777	.45025	.51459

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38541	--	--	--	--	--	--
SDev	152.7351	--	--	--	--	--	--
%RSD	.3962924	--	--	--	--	--	--
#1	38649	--	--	--	--	--	--
#2	38433	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 13:29:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08276	.00265	.00129	.00007	-.00070	.00080	-.00005
SDev	.00312	.00110	.00137	.00006	.00001	.00056	.00001
%RSD	3.7684	41.364	106.53	87.441	.72830	69.739	22.786
#1	.08056	.00187	.00032	.00003	-.00070	.00119	-.00005
#2	.08497	.00342	.00226	.00011	-.00070	.00040	-.00006

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01074	.00017	.00005	-.00369	.03369	.00044	-.00000
SDev	.00038	.00056	.00027	.00061	.03003	.00015	.00042
%RSD	3.5473	339.22	593.65	16.621	89.146	34.767	9840.9
#1	-.01047	-.00023	-.00015	-.00413	.01245	.00033	.00030
#2	-.01101	.00056	.00024	-.00326	.05492	.00055	-.00030

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00306	.01165	.00022	.00175	.00087	.09772	.01414
SDev	.00154	.01375	.00021	.00012	.00062	.09446	.00240
%RSD	50.199	118.04	94.945	7.0412	71.859	96.666	16.985
#1	.00415	.00193	.00007	.00184	.00043	.03093	.01584
#2	.00197	.02137	.00037	.00167	.00131	.16452	.01244

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.05050	.01218	-.00007	-.00220	.00016	.00007
SDev	.00112	.16102	.00643	.00001	.00349	.00016	.00011
%RSD	694.88	318.84	52.809	13.978	158.66	98.980	146.77
#1	-.00095	-.16436	.00763	-.00006	.00027	.00027	-.00000
#2	.00063	.06335	.01672	-.00007	-.00467	.00005	.00015

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00060	.00054	-.00028	.00164	.00377
SDev	.00061	.00003	.00064	.00031	.00439	.00011
%RSD	377.95	5.0315	119.48	113.76	267.06	2.9639
#1	-.00027	.00058	.00099	-.00005	.00475	.00385

#2	.00059	.00062	.00008	-.00050	-.00146	.00369

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38577	--	--	--	--	--	--
SDev	504.8742	--	--	--	--	--	--
%RSD	1.308744	--	--	--	--	--	--
#1	38934	--	--	--	--	--	--
#2	38220	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-77850/1-a Operator: DCL
Run Time: 04/24/12 15:37:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12178	.00381	.00168	.00615	-.00104	-.00038	.00009
SDev	.00525	.00214	.00145	.00007	.00002	.00002	.00008
%RSD	4.3122	56.208	85.984	1.1130	1.9205	5.8212	88.087
#1	.12550	.00533	.00271	.00620	-.00105	-.00040	.00015
#2	.11807	.00230	.00066	.00611	-.00103	-.00036	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25905	.00072	.00061	-.00355	.05204	.00114	.00170
SDev	.02082	.00059	.00058	.00049	.02466	.00012	.00079
%RSD	8.0393	82.064	95.589	13.686	47.395	10.300	46.517

#1	.27377	.00114	.00101	-.00321	.06948	.00123	.00114
#2	.24432	.00030	.00020	-.00390	.03460	.00106	.00227

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	.07124	.00020	.00054	.00040	.40331	.00108
SDev	.00421	.01141	.00005	.00033	.00018	.04747	.00423
%RSD	685.95	16.010	22.701	60.830	45.600	11.769	392.72

#1	.00359	.07931	.00024	.00031	.00053	.43687	.00407
#2	-.00236	.06318	.00017	.00078	.00027	.36975	-.00191

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.30974	.04233	.00012	-.00435	.02932	.00037
SDev	.00111	.16853	.00346	.00005	.00154	.00019	.00010
%RSD	103.85	54.408	8.1739	39.848	35.357	.65857	26.039

#1	.00185	.42891	.04477	.00016	-.00326	.02946	.00043
#2	.00028	.19058	.03988	.00009	-.00544	.02918	.00030

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00523	.00464	.00024	-.00657	.00421
SDev	.00044	.00067	.00145	.00191	.00577	.00343
%RSD	434.55	12.875	31.190	805.69	87.806	81.551

#1	.00041	.00570	.00566	-.00112	-.00249	.00663
#2	-.00021	.00475	.00362	.00159	-.01065	.00178

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35861	--	--	--	--	--	--
SDev	359.2102	--	--	--	--	--	--
%RSD	1.001674	--	--	--	--	--	--

#1	35607	--	--	--	--	--	--
#2	36115	--	--	--	--	--	--

Method: 20076010 Sample Name: LCS 600-77850/2-A Operator: DCL
Run Time: 04/24/12 15:41:19
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.372	.96925	1.3160	2.6518	1.3281	.86066	.70208
SDev	2.475	.02057	.0397	.0780	.0366	.02307	.01942
%RSD	3.0047	2.1221	3.0152	2.9433	2.7595	2.6807	2.7653

#1	84.122	.98380	1.3441	2.7070	1.3540	.87697	.71581
#2	80.622	.95471	1.2880	2.5966	1.3022	.84434	.68835

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	91.306	.92572	1.2601	.98682	174.26	.08915	1.3194
SDev	2.590	.02701	.0367	.02892	5.07	.00251	.0292
%RSD	2.8365	2.9177	2.9115	2.9305	2.9113	2.8151	2.2154
#1	93.137	.94481	1.2861	1.0073	177.85	.09092	1.3401
#2	89.475	.90662	1.2342	.96637	170.68	.08737	1.2987

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7620	37.610	4.8403	.90672	1.2231	48.856	3.2838
SDev	.0404	1.074	.1405	.02430	.0398	1.318	.0944
%RSD	2.2903	2.8544	2.9022	2.6800	3.2580	2.6976	2.8761
#1	1.7906	38.369	4.9396	.92390	1.2513	49.788	3.3506
#2	1.7335	36.851	4.7410	.88953	1.1949	47.924	3.2170

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44194	3.0264	6.6023	2.5177	1.7523	1.5051	3.8636
SDev	.01311	.0968	.1769	.0757	.0376	.0434	.1119
%RSD	2.9675	3.1985	2.6801	3.0066	2.1462	2.8844	2.8954
#1	.45122	3.0948	6.7274	2.5712	1.7789	1.5358	3.9427
#2	.43267	2.9579	6.4771	2.4642	1.7257	1.4744	3.7845

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59900	2.5359	1.2109	1.3737	1.6195	1.8333
SDev	.01718	.0733	.0284	.0296	.0322	.0444
%RSD	2.8687	2.8887	2.3449	2.1584	1.9876	2.4240
#1	.61115	2.5877	1.2310	1.3946	1.6423	1.8647
#2	.58685	2.4841	1.1909	1.3527	1.5968	1.8018

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 03:45:07 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37698	--	--	--	--	--	--
SDev	869.7413	--	--	--	--	--	--
%RSD	2.307129	--	--	--	--	--	--
#1	37083	--	--	--	--	--	--
#2	38313	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-77850/14-a Operator: DCL
Run Time: 04/24/12 15:45:10
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11123	.01592	.00201	.00128	-.00102	.00046	-.00009
SDev	.00106	.00438	.00054	.00000	.00001	.00033	.00001
%RSD	.95303	27.529	26.929	.18955	.90045	71.866	10.709
#1	.11048	.01902	.00240	.00128	-.00101	.00023	-.00010
#2	.11198	.01282	.00163	.00128	-.00103	.00069	-.00008

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35150	.00036	-.00005	-.00393	.01799	.00078	.00153
SDev	.01879	.00019	.00038	.00007	.00052	.00002	.00065
%RSD	5.3457	53.596	757.32	1.8515	2.8999	2.3295	42.450
#1	.36478	.00022	.00022	-.00388	.01762	.00079	.00107
#2	.33821	.00050	-.00032	-.00398	.01835	.00076	.00198

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00466	.03626	.00029	.00219	-.00039	.25076	-.00177
SDev	.00096	.00129	.00004	.00153	.00031	.00561	.00091
%RSD	20.680	3.5527	14.560	69.975	81.260	2.2360	51.500
#1	.00534	.03717	.00026	.00328	-.00061	.25472	-.00113
#2	.00398	.03535	.00032	.00111	-.00016	.24679	-.00242

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.10123	.10325	.00012	-.00263	-.00030	.00049
SDev	.00040	.11904	.00109	.00001	.00454	.00011	.00025
%RSD	623.45	117.59	1.0532	4.9428	172.33	36.960	50.383
#1	-.00035	.01706	.10248	.00012	.00058	-.00038	.00066
#2	.00022	.18541	.10402	.00011	-.00584	-.00022	.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.02871	.00536	-.00039	-.00075	.00737
SDev	.00006	.00223	.00367	.00281	.00800	.00256
%RSD	15.129	7.7720	68.525	715.17	1067.4	34.704
#1	.00032	.03029	.00796	-.00238	.00491	.00556

#2	.00040	.02713	.00276	.00159	-.00641	.00917

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37274	--	--	--	--	--	--
SDev	118.0868	--	--	--	--	--	--
%RSD	.3168118	--	--	--	--	--	--
#1	37190	--	--	--	--	--	--
#2	37357	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53867-a-1-e Operator: DCL
Run Time: 04/24/12 15:49:01
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	904.13	.00699	.02044	1.1531	.00597	.19098	-.00502
SDev	2.68	.00304	.00111	.0026	.00000	.00175	.00053
%RSD	.29666	43.533	5.4140	.22759	.06742	.91480	10.568

#1	906.03	.00484	.01966	1.1550	.00597	.19222	-.00464
#2	902.23	.00914	.02122	1.1513	.00596	.18974	-.00539

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	709.01	.67850	.04717	.28556	102.27	.37951	.08218
SDev	2.99	.00191	.00002	.00079	.38	.00099	.00277
%RSD	.42219	.28115	.03869	.27651	.37437	.26033	3.3762

#1	711.13	.67985	.04716	.28612	102.54	.38021	.08414
#2	706.89	.67715	.04719	.28500	102.00	.37881	.08021

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01317	11.530	1.0256	1.6101	.16616	23.336	2.4178
SDev	.00052	.037	.0029	.0012	.00041	.087	.0117
%RSD	3.9574	.32202	.28279	.07314	.24541	.37462	.48347

#1	-.01354	11.556	1.0277	1.6109	.16645	23.397	2.4095
#2	-.01280	11.504	1.0236	1.6092	.16588	23.274	2.4261

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00211	11.398	27.597	1.6401	.01668	.01333	15.735
SDev	.00024	.228	.075	.0040	.00588	.00579	.031
%RSD	11.291	1.9997	.27354	.24371	35.260	43.398	.19717

#1	-.00194	11.559	27.650	1.6429	.02084	.01742	15.756
#2	-.00227	11.237	27.544	1.6373	.01252	.00924	15.713

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40175	1.2772	.11471	.06591	-.01597	-.01177

SDev	.00113	.0040	.00143	.00488	.01155	.00499
%RSD	.28087	.31151	1.2491	7.4015	72.325	42.423

#1	.40255	1.2800	.11370	.06936	-.02414	-.00824
#2	.40095	1.2744	.11573	.06246	-.00780	-.01530

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36182	--	--	--	--	--	--
SDev	104.6518	--	--	--	--	--	--
%RSD	.2892372	--	--	--	--	--	--

#1	36108	--	--	--	--	--	--
#2	36256	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53867-a-2-e Operator: DCL
Run Time: 04/24/12 15:52:52
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.3967	.31836	-.00264	.08743	.00067	.02544	-.00144
SDev	.0474	.00217	.00160	.00028	.00002	.00000	.00005

%RSD	.74102	.68277	60.383	.31884	2.4730	.00137	3.2361
#1	6.4302	.31682	-.00151	.08763	.00066	.02544	-.00141
#2	6.3632	.31990	-.00377	.08723	.00069	.02544	-.00147

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7708	.03808	.69495	1.9486	22.198	.00753	.07128
SDev	.0196	.00012	.00214	.0089	.093	.00003	.00173
%RSD	1.1055	.31700	.30722	.45678	.42023	.40020	2.4318
#1	1.7847	.03816	.69646	1.9549	22.264	.00755	.07250
#2	1.7570	.03799	.69344	1.9423	22.132	.00751	.07005

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00790	.21927	.21244	34.382	.37111	.04390	.91879
SDev	.00104	.00127	.00065	.061	.00171	.00965	.01055
%RSD	13.199	.57681	.30491	.17707	.46166	21.971	1.1479
#1	.00716	.22016	.21289	34.425	.37232	.03708	.92625
#2	.00864	.21837	.21198	34.339	.36990	.05072	.91133

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	-1.3936	.32648	.04836	-.00956	.00204	1.6958
SDev	.00072	.0288	.00287	.00016	.00015	.00097	.0075
%RSD	54.788	2.0635	.87862	.32372	1.5234	47.565	.44428
#1	.00183	-1.4139	.32445	.04847	-.00966	.00273	1.7011
#2	.00081	-1.3733	.32851	.04825	-.00946	.00136	1.6904

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3144	.18107	.04161	.08611	-.00418	.01394
SDev	.0106	.00073	.00158	.00339	.00141	.00086
%RSD	.32045	.40110	3.7901	3.9350	33.650	6.1751
#1	3.3219	.18159	.04050	.08851	-.00517	.01333
#2	3.3069	.18056	.04273	.08372	-.00319	.01455

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39724	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.1441822	--	--	--	--	--	--
#1	39684	--	--	--	--	--	--
#2	39765	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53867-a-3-e Operator: DCL
Run Time: 04/24/12 15:56:43
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	7.7035	.82011	-.01490	.08566	.00233	.03185	-.00299
SDev	.0384	.00690	.00079	.00035	.00001	.00015	.00010
%RSD	.49786	.84085	5.3179	.40813	.26897	.46544	3.2926
#1	7.7306	.81523	-.01434	.08591	.00234	.03175	-.00292
#2	7.6763	.82499	-.01546	.08541	.00233	.03196	-.00306
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6400	.04797	4.9904	4.5610	28.068	.00783	.08393
SDev	.0255	.00006	.0158	.0189	.206	.00004	.00101
%RSD	.45187	.12032	.31616	.41405	.73545	.54560	1.2036
#1	5.6581	.04801	5.0015	4.5744	28.214	.00786	.08322
#2	5.6220	.04793	4.9792	4.5477	27.922	.00780	.08464
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01477	.34798	.23040	70.968	2.6149	.00348	.98392
SDev	.00233	.00051	.00065	.175	.0140	.00011	.00659
%RSD	15.751	.14643	.28027	.24596	.53620	3.2860	.66991
#1	.01313	.34834	.23085	71.091	2.6248	.00356	.98858
#2	.01642	.34762	.22994	70.844	2.6050	.00340	.97926
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00679	-1.1889	.41227	.04913	-.01255	.00406	1.6415
SDev	.00109	.3392	.00248	.00018	.00174	.00136	.0070

%RSD	16.039	28.531	.60194	.37499	13.841	33.562	.42930
#1	-.00602	-.94908	.41402	.04926	-.01133	.00502	1.6465
#2	-.00756	-1.4288	.41051	.04900	-.01378	.00309	1.6365
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	7.2870	.44321	.02283	.11448	-.00073	.02252	
SDev	.0266	.00181	.00072	.00188	.00022	.00360	
%RSD	.36438	.40888	3.1599	1.6386	30.295	15.986	
#1	7.3058	.44449	.02334	.11316	-.00057	.01998	
#2	7.2683	.44193	.02232	.11581	-.00088	.02507	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41094	--	--	--	--	--	--
SDev	77.07464	--	--	--	--	--	--
%RSD	.1875592	--	--	--	--	--	--
#1	41039	--	--	--	--	--	--
#2	41148	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53710-b-1-a Operator: DCL
Run Time: 04/24/12 16:00:35
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.479	.22637	.27161	.69252	.00572	.12407	.01140
SDev	.162	.00440	.00153	.00122	.00001	.00077	.00005
%RSD	.17663	1.9418	.56499	.17685	.09891	.62200	.46494
#1	91.593	.22947	.27270	.69339	.00573	.12352	.01143
#2	91.365	.22326	.27053	.69166	.00572	.12461	.01136

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1708.0	.24736	.06855	.67257	177.70	.09132	25.854
SDev	13.1	.00100	.00066	.00049	.72	.00013	.018
%RSD	.76733	.40563	.96143	.07219	.40598	.14404	.06772
#1	1717.3	.24807	.06902	.67291	178.21	.09142	25.866
#2	1698.7	.24665	.06809	.67223	177.19	.09123	25.842

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00274	21.658	4.1440	.15101	.33522	27.906	6.7491
SDev	.00084	.097	.0139	.05622	.00060	.051	.0170
%RSD	30.678	.44627	.33561	37.229	.17947	.18231	.25191
#1	-.00333	21.726	4.1539	.19076	.33479	27.942	6.7371
#2	-.00215	21.590	4.1342	.11126	.33564	27.870	6.7612

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00190	5.3651	6.4000	14.173	.01593	.08486	.52387
SDev	.00023	.0340	.0020	.027	.00439	.00263	.00175
%RSD	12.231	.63283	.03175	.19210	27.531	3.1009	.33402
#1	-.00173	5.3891	6.3985	14.192	.01903	.08672	.52511
#2	-.00206	5.3411	6.4014	14.153	.01283	.08299	.52263

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63556	.91329	23.715	26.924	.00081	-.00452
SDev	.00264	.00352	.131	.039	.00312	.00030
%RSD	.41513	.38584	.55412	.14649	383.69	6.6479
#1	.63742	.91578	23.808	26.896	-.00139	-.00430
#2	.63369	.91079	23.622	26.952	.00302	-.00473

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39516	--	--	--	--	--	--
SDev	287.7924	--	--	--	--	--	--
%RSD	.7283027	--	--	--	--	--	--
#1	39312	--	--	--	--	--	--
#2	39719	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53710-b-1-b du Operator: DCL
Run Time: 04/24/12 16:04:26
Comment: TRACE 61E

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	103.81	.26228	.21823	.73049	.00624	.14695	.01024
SDev	.26	.00002	.00029	.00113	.00002	.00062	.00017
%RSD	.24776	.00765	.13154	.15521	.25976	.42190	1.7017
#1	104.00	.26226	.21802	.73130	.00625	.14651	.01011
#2	103.63	.26229	.21843	.72969	.00623	.14738	.01036

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1742.6	.28182	.06136	.54008	180.75	.09851	75.346
SDev	6.8	.00097	.00037	.00113	.34	.00026	.225
%RSD	.39249	.34255	.60177	.20991	.18565	.26001	.29885
#1	1747.4	.28250	.06163	.54089	180.98	.09869	75.505
#2	1737.7	.28113	.06110	.53928	180.51	.09833	75.187

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00147	24.376	4.2123	.08284	.31719	31.897	10.145
SDev	.00349	.069	.0082	.00537	.00102	.088	.105
%RSD	237.68	.28232	.19456	6.4813	.32217	.27456	1.0318

#1	.00100	24.424	4.2181	.08664	.31791	31.959	10.071
#2	-.00394	24.327	4.2065	.07904	.31646	31.835	10.219

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00108	6.1323	7.2904	14.479	.01378	.04394	.62381
SDev	.00063	.0657	.0216	.001	.00009	.00092	.00090
%RSD	57.739	1.0717	.29644	.00587	.63442	2.0899	.14379
#1	-.00064	6.1788	7.3057	14.478	.01372	.04459	.62445
#2	-.00153	6.0858	7.2752	14.479	.01384	.04329	.62318

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70928	.81246	68.586	78.726	-.00154	-.00144
SDev	.00093	.00165	.311	.182	.00586	.00231
%RSD	.13160	.20362	.45407	.23122	381.22	160.81
#1	.70994	.81363	68.807	78.854	.00261	.00020
#2	.70862	.81129	68.366	78.597	-.00568	-.00307

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40640	--	--	--	--	--	--
SDev	139.3000	--	--	--	--	--	--
%RSD	.3427616	--	--	--	--	--	--
#1	40542	--	--	--	--	--	--
#2	40739	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53710-b-1-c ms Operator: DCL

Run Time: 04/24/12 16:08:18
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	148.97	.46914	1.0408	1.6673	.35477	.92631	.38096
SDev	.07	.00273	.0005	.0004	.00027	.00162	.00003
%RSD	.04665	.58162	.04770	.02123	.07680	.17469	.00899
#1	149.02	.47107	1.0412	1.6676	.35497	.92517	.38099
#2	148.92	.46721	1.0405	1.6671	.35458	.92746	.38094

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1712.0	1.0530	.76805	1.3301	206.80	.62938	12.267
SDev	3.7	.0013	.00067	.0001	.20	.00008	.002
%RSD	.21517	.12279	.08769	.01027	.09633	.01278	.01586
#1	1714.6	1.0539	.76852	1.3302	206.95	.62932	12.265
#2	1709.4	1.0521	.76757	1.3300	206.66	.62944	12.268

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73801	33.893	4.8364	.83616	1.0346	50.715	8.9819
SDev	.00304	.022	.0049	.00040	.0023	.006	.0567
%RSD	.41150	.06496	.10183	.04769	.22538	.01196	.63090
#1	.73587	33.909	4.8399	.83588	1.0362	50.711	8.9418
#2	.74016	33.878	4.8330	.83645	1.0329	50.719	9.0219

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44872	16.707	19.646	14.963	.87547	.72974	1.1141
SDev	.00013	.036	.014	.013	.00565	.00394	.0005
%RSD	.02932	.21470	.07354	.08671	.64495	.54057	.04398
#1	.44882	16.733	19.636	14.954	.87148	.73253	1.1145
#2	.44863	16.682	19.656	14.972	.87946	.72695	1.1138

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5530	1.6183	11.247	12.776	.68096	.76654
SDev	.0018	.0005	.027	.016	.00611	.00761
%RSD	.11626	.02875	.23846	.12780	.89689	.99265
#1	1.5543	1.6186	11.266	12.765	.68527	.76116
#2	1.5517	1.6180	11.228	12.788	.67664	.77192

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41048	--	--	--	--	--	--
SDev	146.3711	--	--	--	--	--	--
%RSD	.3565896	--	--	--	--	--	--
#1	40944	--	--	--	--	--	--

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 #2      41151     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: 600-53710-b-1-d msd    Operator: DCL
Run Time: 04/24/12 16:12:09
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    145.53    .55688    1.1109    1.5868    .34880    .89094    .38086
 SDev       .10    .00309     .0008     .0021    .00076    .00059    .00044
 %RSD    .06874    .55527    .06799    .12916    .21723    .06622    .11615

 #1      145.60    .55907    1.1115    1.5883    .34934    .89052    .38117
 #2      145.46    .55469    1.1104    1.5854    .34827    .89136    .38055

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1669.0    1.0349    .75287    1.7849    241.85    .61280    27.145
 SDev       9.2     .0021    .00232     .0015       .39    .00018      .137
 %RSD    .55339    .20632    .30767    .08603    .15950    .02897    .50552

Analysis Report                          04/24/12 04:15:57 PM        page 11


 #1      1675.5    1.0364    .75451    1.7860    242.13    .61292    27.242
 #2      1662.4    1.0334    .75123    1.7838    241.58    .61267    27.048

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .72274    33.259    4.4906    .84363    1.0495    49.053    9.0129
 SDev    .00876      .067     .0078    .00196     .0008      .033     .0679
 %RSD    1.2123    .20181    .17411    .23272    .07490    .06680    .75320

 #1      .72894    33.306    4.4961    .84502    1.0500    49.076    8.9649
 #2      .71655    33.211    4.4850    .84225    1.0489    49.030    9.0609

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .43932    16.911    19.594    14.257    .86165    .72133    .99658
 SDev    .00047      .118      .006      .021    .00205    .00112    .00165
 %RSD    .10603    .69694    .02919    .15043    .23780    .15598    .16562

 #1      .43965    16.994    19.598    14.242    .86020    .72213    .99775
 #2      .43899    16.828    19.590    14.272    .86310    .72053    .99541

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
 Units   ppm       ppm       ppm       ppm       ppm       ppm
 Avge    1.5600    1.7657    24.845    28.295    .66513    .75155
 SDev     .0031     .0015      .097      .157    .00645    .00992
 %RSD    .20064    .08564    .39120    .55571    .97029    1.3194

 #1      1.5622    1.7668    24.914    28.406    .66970    .75856
 #2      1.5578    1.7647    24.776    28.184    .66057    .74454


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    41050     --        --        --        --        --        --
 SDev    347.1894  --        --        --        --        --        --
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%RSD	.8457823	--	--	--	--	--	--
#1	40804	--	--	--	--	--	--
#2	41295	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 16:16:00
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4982	.53139	.50423	.52956	.45430	.52324	.53532
SDev	.0037	.00108	.00293	.00073	.00008	.00193	.00072
%RSD	.14807	.20266	.58192	.13717	.01726	.36824	.13484
#1	2.4956	.53063	.50215	.52905	.45425	.52187	.53481
#2	2.5008	.53215	.50630	.53008	.45436	.52460	.53583

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.399	.47021	.47154	.47140	2.6272	.50190	.49937
SDev	.024	.00011	.00086	.00059	.0093	.00110	.00173
%RSD	.19022	.02247	.18296	.12531	.35272	.21996	.34734
#1	12.416	.47013	.47093	.47098	2.6207	.50112	.50060
#2	12.382	.47028	.47215	.47182	2.6338	.50268	.49815

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48848	4.7443	.47834	.51199	.49988	13.315	1.0285
SDev	.00188	.0000	.00008	.00059	.00464	.031	.0286
%RSD	.38450	.00031	.01728	.11537	.92746	.22948	2.7836
#1	.48981	4.7443	.47840	.51241	.49661	13.293	1.0487
#2	.48716	4.7443	.47828	.51158	.50316	13.336	1.0083

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24897	13.005	12.983	.26298	.56360	.48818	.50396
SDev	.00079	.274	.056	.00077	.00305	.00033	.00021
%RSD	.31647	2.1038	.42858	.29392	.54167	.06761	.04253
#1	.24842	12.812	12.944	.26243	.56144	.48794	.50411
#2	.24953	13.199	13.022	.26353	.56576	.48841	.50381

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47933	.52896	.45509	.52151	.44318	.51119
SDev	.00004	.00047	.00041	.00240	.00019	.00291
%RSD	.00787	.08833	.08946	.45986	.04378	.57011
#1	.47935	.52863	.45538	.52321	.44304	.51325
#2	.47930	.52929	.45480	.51982	.44332	.50913

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	37752	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.0224764	--	--	--	--	--	--
#1	37758	--	--	--	--	--	--
#2	37746	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 16:19:51
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10707	.00351	.00098	.00009	-.00101	.00071	.00006
SDev	.00126	.00036	.00099	.00011	.00004	.00078	.00019

%RSD	1.1795	10.221	100.94	119.87	3.7991	109.69	313.00
#1	.10796	.00325	.00168	.00017	-.00098	.00126	-.00007
#2	.10618	.00376	.00028	.00001	-.00103	.00016	.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02242	.00022	.00033	-.00429	.01450	.00059	.00236
SDev	.00884	.00011	.00055	.00003	.03463	.00010	.00053
%RSD	39.434	47.127	167.04	.67099	238.78	17.151	22.614
#1	.01617	.00015	-.00006	-.00431	-.00998	.00052	.00274
#2	.02867	.00030	.00072	-.00427	.03899	.00066	.00198

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.02044	.00008	.00531	-.00021	.16468	.02190
SDev	.00063	.00885	.00004	.00150	.00056	.06107	.00782
%RSD	57.434	43.293	55.705	28.305	264.14	37.084	35.682
#1	.00065	.01418	.00011	.00637	-.00061	.12150	.02743
#2	.00155	.02670	.00005	.00425	.00018	.20786	.01638

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00802	.01535	.00007	.00245	-.00026	.00006
SDev	.00097	.29187	.00426	.00001	.00337	.00287	.00016
%RSD	578.85	3638.4	27.773	12.967	137.60	1098.4	272.09
#1	-.00052	-.21440	.01233	.00006	.00484	-.00229	.00017
#2	.00085	.19836	.01836	.00008	.00007	.00177	-.00005

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00049	.00431	.00138	-.00206	.00268
SDev	.00005	.00000	.00038	.00099	.00058	.00124
%RSD	1253.3	.21817	8.7676	71.536	28.069	46.137
#1	-.00004	.00049	.00404	.00208	-.00165	.00181
#2	.00003	.00049	.00458	.00068	-.00247	.00356

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37484	--	--	--	--	--	--
SDev	305.4701	--	--	--	--	--	--
%RSD	.8149347	--	--	--	--	--	--
#1	37700	--	--	--	--	--	--
#2	37268	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53710-b-1-a Operator: DCL
Run Time: 04/24/12 16:23:42
Comment: TRACE 61E

Analysis Report 04/24/12 04:27:30 PM page 14

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.98	1.1126	1.1255	1.5938	.35974	1.0193	.39970
SDev	.26	.0047	.0021	.0041	.00046	.0010	.00045
%RSD	.25602	.42296	.19082	.25715	.12643	.09646	.11293
#1	101.16	1.1159	1.1271	1.5967	.36006	1.0200	.40002
#2	100.80	1.1093	1.1240	1.5909	.35942	1.0186	.39938

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1730.2	.98746	.79624	1.5031	187.76	1.1377	27.086
SDev	3.9	.00114	.00081	.0051	.22	.0045	.235
%RSD	.22626	.11522	.10185	.33972	.11847	.39377	.86725
#1	1727.5	.98826	.79682	1.5067	187.91	1.1408	26.920
#2	1733.0	.98666	.79567	1.4995	187.60	1.1345	27.252

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78820	29.193	4.9374	.88559	1.0753	41.241	7.9903
SDev	.00917	.012	.0068	.00223	.0012	.089	.0343
%RSD	1.1637	.04250	.13812	.25139	.11170	.21659	.42980
#1	.78172	29.202	4.9422	.88716	1.0744	41.304	7.9660
#2	.79469	29.185	4.9326	.88401	1.0761	41.177	8.0146

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45519	16.031	19.008	15.023	.90383	.86636	1.3488
SDev	.00151	.010	.067	.054	.00131	.00490	.0022
%RSD	.33163	.06203	.35020	.35672	.14504	.56570	.16053
#1	.45626	16.038	19.055	15.061	.90476	.86983	1.3504
#2	.45413	16.024	18.961	14.985	.90291	.86289	1.3473

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4138	1.7901	24.844	28.206	.72539	.81961
SDev	.0029	.0036	.145	.280	.00537	.01107
%RSD	.20567	.20140	.58519	.99147	.74092	1.3507
#1	1.4158	1.7927	24.741	28.009	.72159	.81178

#2	1.4117	1.7876	24.947	28.404	.72919	.82744

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38734	--	--	--	--	--	--
SDev	86.26703	--	--	--	--	--	--
%RSD	.2227165	--	--	--	--	--	--
#1	38795	--	--	--	--	--	--
#2	38673	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53710-b-1-a@5 Operator: DCL
Run Time: 04/24/12 16:27:33
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.399	.05313	.06504	.16571	.00060	.03210	.00274
SDev	.056	.00342	.00097	.00030	.00000	.00143	.00015
%RSD	.26257	6.4282	1.4972	.18197	.24607	4.4619	5.2774
#1	21.439	.05554	.06435	.16592	.00060	.03311	.00264
#2	21.360	.05071	.06573	.16549	.00060	.03109	.00284

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	647.10	.06109	.01716	.15327	43.753	.02138	6.3903
SDev	1.14	.00022	.00039	.00095	.050	.00009	.0027
%RSD	.17601	.36338	2.2698	.61782	.11483	.40772	.04286
#1	647.91	.06125	.01689	.15394	43.788	.02144	6.3922
#2	646.30	.06093	.01744	.15260	43.717	.02132	6.3884

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	5.4728	1.0307	.01955	.08536	5.4518	1.7034
SDev	.00145	.0109	.0019	.00174	.00014	.0139	.0150
%RSD	155.85	.19935	.18223	8.9047	.16287	.25419	.88303
#1	-.00009	5.4805	1.0320	.02078	.08546	5.4616	1.7140
#2	.00196	5.4651	1.0294	.01832	.08526	5.4420	1.6927

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	.99338	1.3198	2.8190	.00234	.02128	.12402
SDev	.00053	.15286	.0053	.0031	.00148	.00175	.00044
%RSD	102.83	15.388	.40092	.11109	63.539	8.2127	.35401
#1	-.00089	.88529	1.3235	2.8212	.00338	.02251	.12433
#2	-.00014	1.1015	1.3160	2.8168	.00129	.02004	.12371

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15455	.22142	5.8262	6.6724	-.00304	.00292
SDev	.00066	.00019	.0195	.0139	.00036	.00235

```
 %RSD    .42525    .08663    .33486    .20777    11.685    80.674

 #1      .15501    .22156    5.8124    6.6822    -.00279   .00125
 #2      .15408    .22128    5.8400    6.6626    -.00329   .00458


 IntStd  1         2         3         4         5         6         7
 Mode    *Counts   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED   NOTUSED
 Elem    Y         --        --        --        --        --        --
 Wavlen  371.030   --        --        --        --        --        --
 Avge    37300     --        --        --        --        --        --

Analysis Report                          04/24/12 04:31:21 PM        page 16


 SDev    14.84924  --        --        --        --        --        --
 %RSD    .0398108  --        --        --        --        --        --

 #1      37310     --        --        --        --        --        --
 #2      37289     --        --        --        --        --        --
-------------------------------------------------------------------------
Method: 20076010   Sample Name: CCV met0412ccv_00004   Operator: DCL
Run Time: 04/24/12 16:31:24
Comment: TRACE 61E
Mode: CONC   Corr. Factor: 1

 Elem    Al3082    Sb2068    As1890    Ba4934    Be3130    B_2496    Cd2265
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    2.5266    .53666    .51019    .53663    .46123    .52835    .54411
 SDev     .0491    .01127    .00814    .00985    .00944    .00855    .01006
 %RSD    1.9415    2.0999    1.5946    1.8361    2.0464    1.6185    1.8486

 #1      2.4920    .52870    .50443    .52966    .45456    .52230    .53700
 #2      2.5613    .54463    .51594    .54360    .46791    .53440    .55122

 Elem    Ca3179    Cr2677    Co2286    Cu3247    Fe2714    Li6707    Pb2203
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    12.510    .47772    .47898    .47630    2.6745    .50797    .50425
 SDev      .222    .01016    .00904    .00755     .0494    .00792    .00443
 %RSD    1.7728    2.1276    1.8879    1.5844    1.8478    1.5597    .87882

 #1      12.354    .47054    .47259    .47096    2.6396    .50237    .50112
 #2      12.667    .48491    .48538    .48163    2.7095    .51357    .50739

 Elem    Se1960    Mg2790    Mn2576    Mo2020    Ni2316    K_7664    Si2881
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .49273    4.8406    .48608    .51465    .51225    13.539    1.0026
 SDev    .00444     .1078    .00949    .01183    .00820      .259     .0127
 %RSD    .90053    2.2269    1.9530    2.2978    1.6003    1.9098    1.2661

 #1      .48960    4.7644    .47936    .50629    .50646    13.356    .99358
 #2      .49587    4.9168    .49279    .52301    .51805    13.722    1.0115

 Elem    Ag3280    Na3302    Na5889    Sr4215    Tl1908    Sn1899    Ti3349
 Units   ppm       ppm       ppm       ppm       ppm       ppm       ppm
 Avge    .25237    13.355    13.071    .26728    .57600    .49661    .51170
 SDev    .00464      .191      .133    .00506    .01430    .01164    .01030
 %RSD    1.8377    1.4327    1.0200    1.8933    2.4828    2.3442    2.0136

 #1      .24910    13.219    12.976    .26370    .56589    .48837    .50442
 #2      .25565    13.490    13.165    .27085    .58611    .50484    .51899

 Elem    V_2924    Zn2138    2203/1    2203/2    1960/1    1960/2
```

Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48764	.53631	.45920	.52678	.45138	.51347
SDev	.00985	.01072	.00545	.00392	.00127	.00602
%RSD	2.0196	1.9985	1.1871	.74448	.28133	1.1728
#1	.48068	.52874	.45535	.52400	.45048	.50921
#2	.49461	.54389	.46306	.52955	.45228	.51773

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36710	--	--	--	--	--	--
SDev	876.1053	--	--	--	--	--	--
%RSD	2.386590	--	--	--	--	--	--
#1	37329	--	--	--	--	--	--
#2	36090	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 16:35:15
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10046	.00373	.00263	-.00002	-.00099	.00037	-.00006
SDev	.00382	.00020	.00088	.00019	.00002	.00042	.00014
%RSD	3.8001	5.4417	33.523	987.88	1.6655	114.89	225.42
#1	.10316	.00387	.00326	.00012	-.00098	.00066	.00004
#2	.09776	.00358	.00201	-.00015	-.00100	.00007	-.00016

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00523	-.00044	-.00002	-.00481	.00209	.00050	.00084
SDev	.00341	.00031	.00017	.00069	.01170	.00018	.00052
%RSD	65.132	69.822	800.16	14.390	560.03	36.235	61.363
#1	.00282	-.00022	.00010	-.00432	.01036	.00063	.00121
#2	.00764	-.00066	-.00014	-.00530	-.00618	.00038	.00048

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.01432	-.00001	.00333	-.00019	.14330	.00955
SDev	.00139	.01246	.00008	.00044	.00042	.07541	.00539
%RSD	166.44	87.001	595.12	13.300	216.85	52.623	56.373
#1	.00182	.02312	.00005	.00365	.00010	.19663	.01336
#2	-.00015	.00551	-.00007	.00302	-.00049	.08998	.00575

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.15846	.01260	-.00002	.00051	-.00044	-.00013
SDev	.00028	.14414	.00496	.00005	.00409	.00211	.00026
%RSD	116.09	90.965	39.319	237.43	806.80	481.50	191.89
#1	-.00004	-.05654	.01611	.00001	.00340	.00106	.00005

#2	-.00044	-.26039	.00910	-.00006	-.00239	-.00193	-.00031

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00039	.00179	.00037	-.00273	.00262
SDev	.00028	.00015	.00102	.00026	.00328	.00373
%RSD	104.16	37.915	57.070	71.786	119.98	142.24

Analysis Report 04/24/12 04:39:07 PM page 18

#1	-.00007	.00050	.00251	.00056	-.00505	.00526	
#2	-.00047	.00029	.00107	.00018	-.00041	-.00002	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37588	--	--	--	--	--	--
SDev	342.9468	--	--	--	--	--	--
%RSD	.9123716	--	--	--	--	--	--
#1	37346	--	--	--	--	--	--
#2	37831	--	--	--	--	--	--

Analysis Report 04/24/12 04:48:36 PM page 1

Method: 20076010 Sample Name: 600-53663-a-1-b Operator: DCL
Run Time: 04/24/12 16:44:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1128	.00228	.01391	.03626	-.00060	.02082	-.00020
SDev	.0203	.00421	.00363	.00063	.00000	.00198	.00011
%RSD	.65278	184.95	26.108	1.7383	.21456	9.5284	56.934
#1	3.0985	-.00070	.01134	.03581	-.00061	.01941	-.00027
#2	3.1272	.00525	.01647	.03670	-.00060	.02222	-.00012

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1905.7	.04354	.00408	.02617	13.007	.00855	.00680
SDev	24.8	.00235	.00006	.00196	.096	.00020	.00141
%RSD	1.3006	5.3964	1.3581	7.4710	.73569	2.3995	20.673
#1	1888.2	.04188	.00412	.02479	12.939	.00841	.00780
#2	1923.2	.04520	.00404	.02755	13.074	.00870	.00581

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	1.7860	.08306	.01452	.07706	2.4497	2.5445
SDev	.00056	.0274	.00077	.00080	.00106	.1114	.0168
%RSD	45.074	1.5343	.92375	5.5151	1.3722	4.5460	.66171
#1	.00164	1.7666	.08251	.01395	.07631	2.3709	2.5326
#2	.00085	1.8053	.08360	.01508	.07780	2.5284	2.5564

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00112	.86605	.60258	.76837	.00211	.03330	.03409
SDev	.00030	.01678	.00383	.00288	.00053	.00214	.00027
%RSD	27.019	1.9372	.63540	.37453	25.361	6.4293	.80042
#1	.00133	.87791	.59988	.76634	.00249	.03179	.03389
#2	.00090	.85419	.60529	.77041	.00173	.03482	.03428

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63702	.04614	.01848	.00096	.01782	-.00704
SDev	.00540	.00032	.00329	.00375	.00518	.00343
%RSD	.84750	.68272	17.796	390.59	29.059	48.704
#1	.63320	.04592	.01616	.00362	.01416	-.00462
#2	.64084	.04637	.02081	-.00169	.02148	-.00947

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	31754	--	--	--	--	--	--
SDev	494.9748	--	--	--	--	--	--
%RSD	1.558779	--	--	--	--	--	--

#1	32104	--	--	--	--	--	--
#2	31404	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53842-a-1-b Operator: DCL
Run Time: 04/24/12 16:48:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.390	1.0615	2.0042	95.002	.00096	-.00134	.01005
SDev	.046	.0107	.0074	.280	.00000	.00021	.00040
%RSD	.28190	1.0126	.37136	.29516	.00707	15.538	3.9627
#1	16.423	1.0539	2.0095	95.200	.00096	-.00149	.01034
#2	16.358	1.0691	1.9990	94.804	.00096	-.00120	.00977

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.086	.16644	.11699	1.7007	211.12	.02567	21.477
SDev	.061	.00035	.00074	.0044	.69	.00009	.131
%RSD	.37676	.20798	.63040	.25888	.32578	.36500	.61163
#1	16.129	.16668	.11751	1.7038	211.61	.02574	21.570
#2	16.043	.16619	.11647	1.6976	210.63	.02560	21.384

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01104	1.1313	23.268	.04276	.12521	2.1877	2.2625
SDev	.00049	.0101	.081	.00132	.00091	.0252	.0056
%RSD	4.4227	.88983	.34709	3.0816	.72741	1.1501	.24844
#1	-.01138	1.1384	23.325	.04369	.12585	2.2055	2.2665
#2	-.01069	1.1242	23.211	.04183	.12456	2.1699	2.2585

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02777	.44055	.26709	4.4991	.02400	.02700	.15244
SDev	.00067	.19914	.00184	.0137	.00017	.00157	.00034
%RSD	2.4171	45.203	.68954	.30372	.71896	5.8277	.22207
#1	.02824	.58137	.26840	4.5088	.02388	.02589	.15268
#2	.02730	.29974	.26579	4.4894	.02412	.02812	.15220

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09697	5.1213	19.658	22.386	-.02770	-.00270
SDev	.00024	.0177	.105	.145	.00430	.00142
%RSD	.24701	.34624	.53273	.64627	15.524	52.472
#1	.09714	5.1339	19.732	22.488	-.03074	-.00170
#2	.09680	5.1088	19.584	22.284	-.02466	-.00371

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34527	--	--	--	--	--	--
SDev	162.6346	--	--	--	--	--	--
%RSD	.4710359	--	--	--	--	--	--
#1	34412	--	--	--	--	--	--
#2	34642	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53842-a-2-b Operator: DCL
Run Time: 04/24/12 16:52:30
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.154	.07187	.10809	82.630	.00044	.02779	.02842
SDev	.068	.00735	.00140	.152	.00001	.00064	.00010
%RSD	.24961	10.224	1.2971	.18395	3.1875	2.3110	.33785
#1	27.202	.07707	.10908	82.738	.00045	.02824	.02849
#2	27.106	.06668	.10710	82.523	.00043	.02733	.02835

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	153.13	.07459	.03068	1.1444	39.527	.01555	2.3969
SDev	.22	.00012	.00021	.0014	.061	.00003	.0002
%RSD	.14609	.16585	.67556	.12627	.15548	.16961	.00738
#1	153.29	.07468	.03083	1.1454	39.570	.01557	2.3968
#2	152.97	.07450	.03053	1.1433	39.483	.01553	2.3971

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	4.1507	2.7720	.01047	.05377	6.9864	4.8356
SDev	.00046	.0027	.0034	.00042	.00006	.0198	.0186
%RSD	37.516	.06611	.12406	4.0163	.10762	.28382	.38428

#1	.00090	4.1526	2.7745	.01077	.05373	7.0004	4.8487
#2	.00155	4.1487	2.7696	.01018	.05381	6.9724	4.8225
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01387	1.0785	.94267	5.2209	-.00297	.02809	.26611
SDev	.00040	.0125	.00251	.0086	.00322	.00025	.00013
%RSD	2.8758	1.1604	.26618	.16456	108.71	.89720	.04979
#1	.01415	1.0874	.94445	5.2269	-.00069	.02791	.26620
#2	.01358	1.0697	.94090	5.2148	-.00525	.02827	.26601
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.13370	4.3544	2.2014	2.4947	-.00669	.00518	
SDev	.00050	.0062	.0160	.0083	.00534	.00198	
%RSD	.37229	.14248	.72671	.33125	79.828	38.286	
#1	.13406	4.3588	2.2127	2.4889	-.01047	.00658	

#2	.13335	4.3500	2.1900	2.5006	-.00292	.00378	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37122	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	37122	--	--	--	--	--	--
#2	37122	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53842-a-3-b Operator: DCL
Run Time: 04/24/12 16:56:21
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.142	.09456	.43243	86.619	.00343	.02424	-.00565
SDev	.015	.00152	.00031	.147	.00001	.00000	.00011
%RSD	.08076	1.6063	.07078	.16979	.15316	.00189	2.0048
#1	18.153	.09349	.43221	86.723	.00344	.02424	-.00573
#2	18.132	.09563	.43265	86.515	.00343	.02424	-.00557
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.95	.07976	.06877	3.3273	330.10	.01701	10.282
SDev	.28	.00022	.00080	.0029	.83	.00004	.025
%RSD	.24671	.27765	1.1596	.08620	.25188	.25760	.24788
#1	114.15	.07991	.06933	3.3293	330.69	.01704	10.300
#2	113.75	.07960	.06821	3.3252	329.51	.01698	10.264
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01250	5.7187	18.081	.01614	.08936	6.6973	3.3548

SDev	.00063	.0202	.045	.00015	.00046	.0142	.0097
%RSD	5.0049	.35396	.25120	.96322	.51243	.21145	.29020
#1	-.01294	5.7330	18.113	.01625	.08969	6.7074	3.3617
#2	-.01206	5.7044	18.049	.01603	.08904	6.6873	3.3480

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01513	1.8315	1.8196	4.8051	.01900	.02780	.17434
SDev	.00015	.1291	.0033	.0045	.00095	.00148	.00052
%RSD	1.0232	7.0477	.18244	.09390	5.0206	5.3294	.29918
#1	.01524	1.9228	1.8172	4.8082	.01832	.02675	.17470
#2	.01502	1.7402	1.8219	4.8019	.01967	.02885	.17397

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14541	2.5813	9.4454	10.700	-.02835	-.00457

SDev	.00049	.0038	.0640	.006	.00498	.00343
%RSD	.33553	.14609	.67729	.05835	17.566	74.943
#1	.14575	2.5840	9.4906	10.705	-.02483	-.00700
#2	.14506	2.5787	9.4001	10.696	-.03187	-.00215

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35342	--	--	--	--	--	--
SDev	172.5341	--	--	--	--	--	--
%RSD	.4881842	--	--	--	--	--	--
#1	35220	--	--	--	--	--	--
#2	35464	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 17:00:12
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5197	.53964	.51558	.54108	.46585	.52835	.54787
SDev	.0047	.00458	.00139	.00284	.00073	.00138	.00076
%RSD	.18842	.84921	.26880	.52438	.15676	.26052	.13782
#1	2.5231	.54288	.51460	.54308	.46637	.52932	.54841
#2	2.5163	.53640	.51656	.53907	.46533	.52737	.54734

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.573	.48233	.48446	.47620	2.6894	.50615	.50416
SDev	.021	.00178	.00068	.00135	.0135	.00134	.00318
%RSD	.17014	.37002	.14032	.28281	.50045	.26496	.63002
#1	12.588	.48359	.48494	.47715	2.6990	.50709	.50641
#2	12.558	.48107	.48398	.47524	2.6799	.50520	.50192

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48784	4.9424	.49008	.52018	.52345	13.643	.97212
SDev	.00322	.0050	.00129	.00066	.00156	.027	.00617
%RSD	.66027	.10171	.26234	.12731	.29755	.19657	.63452
#1	.49012	4.9459	.49099	.51971	.52455	13.662	.97648
#2	.48556	4.9388	.48917	.52065	.52235	13.624	.96776

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25343	13.181	12.891	.26778	.57434	.50172	.51398
SDev	.00060	.031	.053	.00048	.00328	.00075	.00142
%RSD	.23555	.23376	.41132	.17915	.57070	.14902	.27638
#1	.25385	13.159	12.928	.26812	.57202	.50225	.51499
#2	.25301	13.203	12.853	.26744	.57666	.50119	.51298

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49081	.54070	.46149	.52550	.44808	.50778
SDev	.00091	.00165	.00194	.00380	.00412	.00277
%RSD	.18596	.30538	.41960	.72242	.91912	.54602
#1	.49145	.54187	.46286	.52818	.45100	.50974
#2	.49016	.53953	.46012	.52281	.44517	.50582

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35254	--	--	--	--	--	--
SDev	57.27565	--	--	--	--	--	--
%RSD	.1624680	--	--	--	--	--	--
#1	35294	--	--	--	--	--	--
#2	35213	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 17:04:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10192	.00424	.00132	.00084	-.00106	.00032	-.00011
SDev	.00109	.00369	.00291	.00026	.00003	.00024	.00016
%RSD	1.0715	87.221	220.77	30.323	2.8651	76.010	144.99
#1	.10115	.00685	.00338	.00066	-.00104	.00049	.00000
#2	.10269	.00162	-.00074	.00102	-.00108	.00015	-.00022

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00946	.00009	.00026	-.00421	.00351	.00143	.00039
SDev	.00048	.00045	.00057	.00004	.03313	.00004	.00094
%RSD	5.0977	481.73	219.43	.95047	944.18	2.8481	241.24
#1	-.00912	.00041	.00066	-.00424	.02693	.00146	-.00027
#2	-.00980	-.00023	-.00014	-.00419	-.01991	.00140	.00105

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	.08513	.00011	.00252	.00012	.60874	-.00343
SDev	.00066	.00186	.00000	.00128	.00082	.00132	.00141
%RSD	77.097	2.1799	.34272	50.861	679.24	.21695	40.987
#1	-.00133	.08645	.00011	.00343	.00070	.60967	-.00244
#2	-.00039	.08382	.00011	.00161	-.00046	.60780	-.00442

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.12344	.04525	-.00006	-.00367	-.00001	-.00017
SDev	.00079	.23372	.00117	.00004	.00293	.00235	.00023

%RSD	10006.	189.33	2.5738	63.936	79.867	41270.	131.15
#1	.00055	.04182	.04607	-.00003	-.00160	.00166	-.00001
#2	-.00057	-.28870	.04442	-.00009	-.00574	-.00167	-.00033

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00028	.00082	.00017	-.00585	.00163
SDev	.00039	.00005	.00024	.00128	.00663	.00232
%RSD	107.70	18.724	29.482	744.63	113.44	142.09
#1	-.00009	.00032	.00065	-.00074	-.01054	.00328
#2	-.00063	.00024	.00099	.00108	-.00116	-.00001

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34962	--	--	--	--	--	--
SDev	95.45942	--	--	--	--	--	--
%RSD	.2730416	--	--	--	--	--	--
#1	35029	--	--	--	--	--	--
#2	34894	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSA metisa_00072 Operator: DCL
Run Time: 04/24/12 17:07:56
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	487.42	.00660	.00052	.00258	-.00127	-.00060	-.00803
SDev	1.98	.00167	.00086	.00007	.00000	.00064	.00002
%RSD	.40632	25.369	165.79	2.8187	.22662	106.00	.20141
#1	488.82	.00541	.00113	.00263	-.00128	-.00105	-.00804
#2	486.02	.00778	-.00009	.00253	-.00127	-.00015	-.00802

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	453.19	.00204	-.00005	.00886	201.17	.00584	.00074
SDev	1.90	.00003	.00000	.00011	.84	.00015	.00071
%RSD	.41823	1.3031	7.2290	1.2825	.42001	2.5923	95.195

#1	454.53	.00206	-.00005	.00878	201.77	.00595	.00024
#2	451.85	.00202	-.00004	.00894	200.58	.00573	.00124

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01167	492.49	-.00695	-.00031	.00022	.73131	.00936
SDev	.00356	1.98	.00008	.00140	.00046	.02224	.00035
%RSD	30.545	.40104	1.1415	449.34	206.95	3.0406	3.7764

#1	-.00915	493.89	-.00700	.00068	-.00010	.74704	.00961
#2	-.01418	491.10	-.00689	-.00130	.00054	.71559	.00911

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.22561	.23908	-.00890	.01507	-.00549	-.00358
SDev	.00049	.05404	.00279	.00008	.00462	.00138	.00019
%RSD	332.71	23.955	1.1664	.94627	30.630	25.084	5.4185

#1	.00020	.26383	.24105	-.00896	.01833	-.00647	-.00344
#2	-.00049	.18740	.23711	-.00884	.01180	-.00452	-.00371

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00424	-.00733	.00326	-.00052	-.00798	-.01351
SDev	.00003	.00039	.00414	.00313	.00868	.00101
%RSD	.63765	5.3415	126.95	600.03	108.77	7.4493

#1	.00426	-.00760	.00619	-.00273	-.00184	-.01280
#2	.00422	-.00705	.00033	.00169	-.01411	-.01422

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32094	--	--	--	--	--	--
SDev	105.3589	--	--	--	--	--	--
%RSD	.3282874	--	--	--	--	--	--

#1	32019	--	--	--	--	--	--
#2	32168	--	--	--	--	--	--

Method: 20076010 Sample Name: ICSAB metisb_00074 Operator: DCL
Run Time: 04/24/12 17:11:48
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	503.46	1.1175	1.0516	1.1274	.46168	1.1157	.50821
SDev	1.59	.0097	.0004	.0034	.00105	.0046	.00200
%RSD	.31491	.86359	.04188	.30126	.22649	.41304	.39397

#1	504.58	1.1243	1.0519	1.1298	.46242	1.1190	.50963
#2	502.34	1.1106	1.0513	1.1250	.46094	1.1125	.50680

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	465.26	.95739	.91842	1.0282	213.38	1.2687	1.0039
SDev	.91	.00208	.00312	.0042	.56	.0054	.0068

%RSD	.19503	.21741	.33949	.40914	.26474	.42685	.68166
#1	465.90	.95886	.92062	1.0312	213.78	1.2725	.99902
#2	464.62	.95592	.91621	1.0252	212.98	1.2648	1.0087
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97739	508.86	.98188	1.0381	.97180	15.686	1.0524
SDev	.01014	1.28	.00246	.0019	.00255	.048	.0027
%RSD	1.0373	.25067	.25071	.18036	.26255	.30885	.25331

#1	.97023	509.77	.98362	1.0368	.97361	15.720	1.0543
#2	.98456	507.96	.98014	1.0394	.97000	15.652	1.0505
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55779	12.488	14.212	.54081	1.1538	.99468	1.0377
SDev	.00086	.125	.075	.00148	.0027	.00832	.0031
%RSD	.15375	1.0037	.53084	.27299	.23740	.83685	.30225
#1	.55840	12.577	14.266	.54185	1.1557	1.0006	1.0399
#2	.55719	12.399	14.159	.53976	1.1519	.98880	1.0355
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.98344	1.0817	.92543	1.0431	.91535	1.0084	
SDev	.00217	.0030	.00398	.0083	.01229	.0214	
%RSD	.22089	.27848	.42995	.79332	1.3428	2.1175	
#1	.98498	1.0839	.92261	1.0372	.92405	.99332	
#2	.98191	1.0796	.92824	1.0489	.90666	1.0235	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32048	--	--	--	--	--	--
SDev	51.61879	--	--	--	--	--	--
%RSD	.1610646	--	--	--	--	--	--
#1	32085	--	--	--	--	--	--
#2	32012	--	--	--	--	--	--

Method: 20076010 Sample Name: mb 600-77829/1-a Operator: DCL
Run Time: 04/24/12 17:21:32
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11061	.00516	.00328	.00181	-.00105	.00074	-.00015
SDev	.00077	.00164	.00046	.00006	.00002	.00026	.00006
%RSD	.70070	31.918	14.038	3.2963	1.9118	34.539	41.926
#1	.11115	.00399	.00295	.00185	-.00103	.00092	-.00010
#2	.11006	.00632	.00360	.00177	-.00106	.00056	-.00019

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01003	.00077	.00002	-.00282	.00005	.00113	.00089
SDev	.00555	.00004	.00006	.00004	.00351	.00002	.00138
%RSD	55.359	4.7061	366.35	1.2522	7496.7	2.0375	155.57
#1	-.01395	.00079	.00006	-.00284	-.00244	.00115	.00187
#2	-.00610	.00074	-.00003	-.00279	.00253	.00111	-.00009

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.07282	.00022	.00109	-.00030	.43658	-.00368
SDev	.00116	.00486	.00011	.00013	.00010	.00145	.00074
%RSD	109.67	6.6780	50.612	11.824	32.587	.33248	20.183
#1	.00024	.07626	.00014	.00100	-.00023	.43761	-.00420
#2	.00187	.06938	.00030	.00118	-.00036	.43556	-.00315

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	-.08752	.02439	-.00006	-.00264	.00014	.00021
SDev	.00102	.11368	.00021	.00001	.00001	.00075	.00011
%RSD	358.72	129.89	.86430	15.138	.29562	541.62	50.901
#1	-.00100	-.00714	.02424	-.00007	-.00263	-.00039	.00014
#2	.00044	-.16790	.02454	-.00005	-.00264	.00067	.00029

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	-.00092	.00023	.00122	-.00568	.00442
SDev	.00022	.00028	.00313	.00051	.00023	.00162
%RSD	60.261	30.481	1355.6	41.879	3.9850	36.683
#1	.00052	-.00111	.00245	.00158	-.00584	.00328
#2	.00021	-.00072	-.00198	.00086	-.00552	.00557

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35846	--	--	--	--	--	--
SDev	24.74874	--	--	--	--	--	--
%RSD	.0690409	--	--	--	--	--	--

Analysis Report 04/24/12 05:25:20 PM page 2

#1	35864	--	--	--	--	--	--
#2	35829	--	--	--	--	--	--

Analysis Report 04/24/12 05:29:36 PM page 1

Method: 20076010 Sample Name: lcs 600-77829/2-a Operator: DCL
Run Time: 04/24/12 17:25:47
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6592	1.0629	1.0100	1.0657	.45927	1.0468	.53696

SDev	.0404	.0018	.0006	.0037	.00170	.0003	.00240
%RSD	.41833	.16540	.05535	.34808	.37132	.03314	.44736
#1	9.6878	1.0617	1.0096	1.0683	.46047	1.0466	.53866
#2	9.6306	1.0641	1.0104	1.0631	.45806	1.0471	.53526
Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8494	.95379	.95972	.95080	10.430	.50221	.99585
SDev	.0451	.00396	.00310	.00271	.020	.00186	.00367
%RSD	.45743	.41522	.32293	.28513	.19572	.37019	.36900
#1	9.8813	.95659	.96191	.95271	10.445	.50352	.99845
#2	9.8176	.95099	.95753	.94888	10.416	.50089	.99325
Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96405	9.6782	.97801	1.0390	1.0326	10.926	.96471
SDev	.00305	.0518	.00412	.0007	.0080	.064	.00579
%RSD	.31642	.53532	.42112	.06336	.77132	.58520	.59977
#1	.96189	9.7148	.98092	1.0394	1.0382	10.971	.96880
#2	.96620	9.6415	.97510	1.0385	1.0270	10.881	.96061
Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50861	9.8998	10.359	.53573	1.1362	.98259	1.0078
SDev	.00161	.0123	.026	.00216	.0100	.00416	.0039
%RSD	.31572	.12425	.24737	.40317	.87598	.42308	.39011
#1	.50974	9.9085	10.377	.53726	1.1291	.98553	1.0106
#2	.50747	9.8911	10.341	.53420	1.1432	.97965	1.0050
Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	.96832	1.0588	.91416	1.0367	.88856	1.0018	
SDev	.00427	.0033	.00122	.0049	.00357	.0064	
%RSD	.44080	.30755	.13377	.47271	.40197	.63501	
#1	.97134	1.0611	.91503	1.0402	.89108	.99729	
#2	.96530	1.0565	.91330	1.0332	.88603	1.0063	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36608	--	--	--	--	--	--
SDev	228.3955	--	--	--	--	--	--
%RSD	.6238865	--	--	--	--	--	--

Analysis Report 04/24/12 05:29:36 PM page 2

#1	36447	--	--	--	--	--	--
#2	36770	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53341-a-1-a Operator: DCL
Run Time: 04/24/12 17:29:39
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88433	.00588	.00282	.05338	-.00094	.03362	-.00035
SDev	.00290	.00092	.00085	.00005	.00001	.00036	.00015
%RSD	.32763	15.629	30.172	.08456	.71296	1.0552	42.334
#1	.88638	.00653	.00222	.05341	-.00094	.03387	-.00025
#2	.88228	.00523	.00342	.05335	-.00095	.03337	-.00046

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5584	.00159	.00091	.02159	7.5821	.00411	.02170
SDev	.0090	.00000	.00021	.00032	.0013	.00002	.00150
%RSD	.09453	.14205	22.751	1.4866	.01668	.47403	6.9269
#1	9.5648	.00159	.00105	.02182	7.5830	.00410	.02276
#2	9.5520	.00159	.00076	.02136	7.5813	.00412	.02063

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00242	1.2471	.05908	.00590	.00126	1.7875	1.6805
SDev	.00093	.0006	.00008	.00090	.00071	.0091	.0029
%RSD	38.212	.04878	.13043	15.301	56.508	.51181	.17379
#1	.00177	1.2475	.05914	.00654	.00075	1.7811	1.6826
#2	.00308	1.2466	.05903	.00527	.00176	1.7940	1.6784

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	12.026	11.278	1.3715	.00259	.00054	.01299
SDev	.00008	.109	.012	.0024	.00211	.00088	.00002
%RSD	63.900	.90748	.11075	.17370	81.667	164.28	.12619
#1	.00007	12.103	11.286	1.3732	.00408	-.00009	.01298
#2	.00018	11.949	11.269	1.3698	.00109	.00116	.01300

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00308	.18327	.02101	.02204	-.00281	.00504
SDev	.00036	.00014	.00224	.00113	.00002	.00138
%RSD	11.535	.07649	10.652	5.1515	.64732	27.367
#1	.00333	.18337	.02259	.02284	-.00283	.00407
#2	.00283	.18317	.01943	.02124	-.00280	.00602

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Analysis Report 04/24/12 05:33:26 PM page 3

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37255	--	--	--	--	--	--
SDev	59.39697	--	--	--	--	--	--
%RSD	.1594336	--	--	--	--	--	--
#1	37297	--	--	--	--	--	--
#2	37213	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53341-a-2-a Operator: DCL
Run Time: 04/24/12 17:33:30

Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27315	.00403	.00185	.02322	-.00105	.10542	-.00098
SDev	.00157	.00078	.00116	.00003	.00002	.00007	.00013
%RSD	.57605	19.323	62.621	.14046	1.7443	.06813	13.656
#1	.27204	.00348	.00103	.02320	-.00107	.10537	-.00108
#2	.27426	.00458	.00266	.02325	-.00104	.10547	-.00089

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.412	.00153	.00406	.01817	39.554	.02039	.00537
SDev	.033	.00051	.00005	.00012	.047	.00006	.00052
%RSD	.08030	33.542	1.1026	.65720	.11789	.27149	9.6611
#1	41.436	.00117	.00409	.01808	39.587	.02035	.00501
#2	41.389	.00189	.00403	.01825	39.521	.02043	.00574

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00195	8.7480	1.0331	.00694	.13187	4.0078	2.8772
SDev	.00073	.0010	.0011	.00069	.00029	.0338	.0025
%RSD	37.146	.01122	.10914	9.9875	.21962	.84392	.08762
#1	-.00247	8.7473	1.0339	.00645	.13208	3.9839	2.8790
#2	-.00144	8.7487	1.0323	.00743	.13167	4.0317	2.8754

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	114.64	98.676	3.5039	.00084	.00206	.00060
SDev	.00081	.04	.139	.0051	.00118	.00134	.00004
%RSD	871.52	.03566	.14130	.14581	140.55	65.390	6.2195
#1	-.00048	114.61	98.775	3.5075	.00167	.00111	.00057
#2	.00067	114.67	98.578	3.5003	.00001	.00301	.00063

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	.06466	.00560	.00526	-.00493	-.00047
SDev	.00045	.00019	.00071	.00113	.00737	.00260
%RSD	26.463	.29472	12.626	21.507	149.67	555.62
#1	.00138	.06453	.00610	.00446	-.01014	.00137

#2	.00201	.06480	.00510	.00606	.00029	-.00230	
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36259	--	--	--	--	--	--
SDev	186.6762	--	--	--	--	--	--
%RSD	.5148410	--	--	--	--	--	--
#1	36391	--	--	--	--	--	--
#2	36127	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53976-c-1-a Operator: DCL
Run Time: 04/24/12 17:37:22
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34787	.00535	.01335	.38554	-.00114	.44962	-.00005
SDev	.00408	.00287	.00080	.00123	.00002	.00003	.00007
%RSD	1.1720	53.683	5.9808	.31789	1.8086	.00723	142.89
#1	.35075	.00738	.01278	.38641	-.00116	.44959	.00000
#2	.34498	.00332	.01391	.38468	-.00113	.44964	-.00010

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.302	.00100	.00311	-.00006	.10146	.05399	.00127
SDev	.133	.00029	.00058	.00026	.00103	.00018	.00003
%RSD	.23176	28.850	18.713	450.60	1.0184	.34076	2.4112
#1	57.396	.00121	.00352	-.00024	.10219	.05386	.00125
#2	57.208	.00080	.00270	.00012	.10073	.05412	.00129

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07522	14.836	.07543	.04744	.00593	99.598	6.1820
SDev	.00189	.038	.00006	.00076	.00076	.263	.0026
%RSD	2.5117	.25865	.07421	1.6087	12.727	.26424	.04153
#1	.07656	14.863	.07547	.04798	.00647	99.785	6.1838
#2	.07389	14.809	.07539	.04690	.00540	99.412	6.1802

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	1731.6	796.21	1.5755	.00096	.00129	.00020
SDev	.00035	3.7	2.15	.0039	.00136	.00015	.00024
%RSD	113.70	.21600	.27024	.24678	141.58	11.645	119.69
#1	.00055	1734.2	797.73	1.5783	-.00000	.00118	.00037
#2	.00006	1728.9	794.68	1.5728	.00192	.00140	.00003

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01436	.04275	.00144	.00119	.07023	.07772

SDev	.00026	.00011	.00035	.00022	.00230	.00398
%RSD	1.7826	.25869	24.054	18.460	3.2787	5.1276
#1	.01454	.04267	.00169	.00103	.06860	.08054
#2	.01418	.04282	.00120	.00134	.07185	.07490

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34180	--	--	--	--	--	--
SDev	46.66905	--	--	--	--	--	--
%RSD	.1365391	--	--	--	--	--	--
#1	34147	--	--	--	--	--	--

#2	34213	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53976-c-1-b du Operator: DCL
Run Time: 04/24/12 17:41:13
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36924	.00392	.01337	.39987	-.00115	.46320	-.00007
SDev	.02427	.00158	.00151	.01915	.00007	.02068	.00008
%RSD	6.5723	40.258	11.322	4.7899	6.2424	4.4649	129.88
#1	.35208	.00503	.01230	.38632	-.00110	.44858	-.00001
#2	.38640	.00280	.01444	.41341	-.00120	.47783	-.00013

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	59.363	.00107	.00311	-.00002	.11744	.05652	-.00053
SDev	2.786	.00000	.00007	.00054	.00458	.00304	.00103
%RSD	4.6934	.08652	2.3808	3338.3	3.9006	5.3718	195.72
#1	57.393	.00107	.00317	.00036	.12068	.05438	.00020
#2	61.333	.00107	.00306	-.00040	.11420	.05867	-.00126

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07687	15.393	.07775	.05051	.00643	102.99	6.4630
SDev	.00093	.749	.00364	.00306	.00055	4.66	.3172
%RSD	1.2066	4.8685	4.6883	6.0571	8.5117	4.5215	4.9084
#1	.07752	14.863	.07517	.04834	.00604	99.694	6.2387
#2	.07621	15.923	.08032	.05267	.00681	106.28	6.6874

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	1794.6	826.40	1.6313	-.00292	-.00109	.00024
SDev	.00030	82.2	37.01	.0780	.00217	.00142	.00018
%RSD	412.59	4.5798	4.4784	4.7791	74.548	130.21	73.227
#1	.00014	1736.5	800.23	1.5762	-.00138	-.00210	.00037
#2	-.00028	1852.7	852.57	1.6864	-.00445	-.00009	.00012

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01485	.04242	-.00174	.00008	.07103	.07979
SDev	.00096	.00215	.00201	.00055	.00302	.00012
%RSD	6.4837	5.0640	115.24	691.33	4.2574	.15132
#1	.01417	.04090	-.00032	.00047	.07316	.07970
#2	.01553	.04394	-.00316	-.00031	.06889	.07987

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	32994	--	--	--	--	--	--
SDev	1424.113	--	--	--	--	--	--
%RSD	4.316279	--	--	--	--	--	--

#1	34001	--	--	--	--	--	--
#2	31987	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53976-c-1-c ms Operator: DCL
Run Time: 04/24/12 17:45:04
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.994	1.1198	1.1004	1.4801	.47558	1.5798	.54286
SDev	.027	.0053	.0034	.0031	.00055	.0020	.00069
%RSD	.24818	.47547	.31236	.21182	.11460	.12425	.12673
#1	11.014	1.1236	1.0979	1.4823	.47596	1.5812	.54334
#2	10.975	1.1160	1.1028	1.4779	.47519	1.5785	.54237

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.198	.97502	1.0034	1.0184	10.792	.70028	1.0472
SDev	.086	.00173	.0017	.0034	.006	.00185	.0025
%RSD	.12678	.17718	.16872	.33642	.05587	.26393	.23862
#1	68.259	.97624	1.0046	1.0208	10.788	.70158	1.0489
#2	68.137	.97380	1.0022	1.0160	10.797	.69897	1.0454

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1026	24.948	1.0894	1.1420	1.0646	114.50	7.3708
SDev	.0005	.040	.0018	.0047	.0022	.30	.0102
%RSD	.04733	.16191	.16832	.41281	.21058	.26622	.13854
#1	1.1022	24.976	1.0907	1.1387	1.0630	114.72	7.3780
#2	1.1029	24.919	1.0881	1.1453	1.0661	114.28	7.3636

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54490	1779.2	815.86	2.1676	1.1934	1.0616	1.0471
SDev	.00097	3.0	.95	.0043	.0077	.0055	.0021

%RSD	.17785	.17085	.11610	.19931	.64492	.52143	.19916
#1	.54558	1781.4	816.53	2.1707	1.1880	1.0655	1.0485
#2	.54421	1777.1	815.19	2.1646	1.1988	1.0577	1.0456

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0233	1.1916	.96876	1.0864	1.0235	1.1421
SDev	.0015	.0012	.00137	.0031	.0002	.0007
%RSD	.15006	.10016	.14169	.28185	.02235	.05852
#1	1.0244	1.1925	.96973	1.0885	1.0233	1.1416
#2	1.0222	1.1908	.96779	1.0842	1.0237	1.1426

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33796	--	--	--	--	--	--

SDev	55.86144	--	--	--	--	--	--
%RSD	.1652925	--	--	--	--	--	--
#1	33835	--	--	--	--	--	--
#2	33756	--	--	--	--	--	--

Method: 20076010 Sample Name: 600-53976-c-1-d msd Operator: DCL
Run Time: 04/24/12 17:48:55
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.921	1.1099	1.0915	1.4683	.47345	1.5685	.53892
SDev	.046	.0065	.0016	.0051	.00144	.0053	.00111
%RSD	.41979	.58406	.15034	.34528	.30446	.34038	.20564
#1	10.954	1.1145	1.0926	1.4719	.47447	1.5722	.53970
#2	10.889	1.1053	1.0903	1.4647	.47243	1.5647	.53813

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.805	.96990	.99744	1.0108	10.771	.69344	1.0398
SDev	.209	.00222	.00304	.0028	.066	.00179	.0018
%RSD	.30850	.22934	.30492	.27615	.61013	.25837	.16852
#1	67.953	.97147	.99959	1.0127	10.818	.69471	1.0411
#2	67.658	.96833	.99529	1.0088	10.725	.69217	1.0386

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0919	24.816	1.0823	1.1383	1.0562	113.44	7.3728
SDev	.0067	.059	.0034	.0014	.0023	.44	.0208
%RSD	.61402	.23959	.31742	.12495	.22018	.38397	.28248
#1	1.0967	24.858	1.0848	1.1393	1.0578	113.75	7.3875
#2	1.0872	24.774	1.0799	1.1373	1.0546	113.13	7.3580

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54171	1766.9	810.99	2.1497	1.1848	1.0583	1.0398
SDev	.00327	7.2	1.66	.0071	.0041	.0040	.0038
%RSD	.60440	.40597	.20521	.32812	.34855	.37666	.36800
#1	.54402	1772.0	812.17	2.1546	1.1818	1.0612	1.0425
#2	.53939	1761.8	809.82	2.1447	1.1877	1.0555	1.0371

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0175	1.1825	.96242	1.0786	1.0144	1.1307
SDev	.0037	.0035	.00191	.0017	.0090	.0056
%RSD	.36509	.30004	.19873	.15503	.88768	.49128
#1	1.0201	1.1850	.96377	1.0797	1.0207	1.1346
#2	1.0148	1.1800	.96106	1.0774	1.0080	1.1268

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	33963	--	--	--	--	--	--
SDev	65.05383	--	--	--	--	--	--
%RSD	.1915432	--	--	--	--	--	--
#1	33917	--	--	--	--	--	--
#2	34009	--	--	--	--	--	--

Method: 20076010 Sample Name: PDS 600-53976-c-1-a Operator: DCL
Run Time: 04/24/12 17:52:46
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.853	1.0706	1.0858	1.4668	.46589	1.5611	.53661
SDev	.029	.0059	.0041	.0039	.00115	.0033	.00172
%RSD	.26904	.54690	.37509	.26335	.24630	.20911	.32068
#1	10.873	1.0664	1.0886	1.4696	.46670	1.5634	.53783
#2	10.832	1.0747	1.0829	1.4641	.46508	1.5587	.53540

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.487	.96671	.98450	1.0102	10.620	1.3576	1.0419
SDev	.196	.00204	.00266	.0022	.039	.0044	.0010
%RSD	.28976	.21157	.27014	.21311	.37110	.32483	.09980
#1	67.626	.96815	.98638	1.0118	10.647	1.3607	1.0411
#2	67.349	.96526	.98262	1.0087	10.592	1.3545	1.0426

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0892	24.607	1.0801	1.1021	1.0473	113.05	8.2922
SDev	.0029	.075	.0028	.0065	.0063	.31	.0197
%RSD	.26804	.30559	.25752	.59372	.59737	.27667	.23720

#1	1.0871	24.660	1.0821	1.1068	1.0517	113.27	8.2783
#2	1.0912	24.554	1.0781	1.0975	1.0429	112.83	8.3061

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53128	1756.6	812.55	2.1389	1.1732	1.0420	1.0292
SDev	.00158	4.5	1.41	.0056	.0040	.0047	.0026
%RSD	.29681	.25442	.17345	.26297	.34372	.44840	.24898
#1	.53240	1759.7	813.55	2.1429	1.1761	1.0453	1.0310
#2	.53017	1753.4	811.56	2.1349	1.1704	1.0387	1.0274

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0039	1.1825	.96651	1.0796	1.0111	1.1282
SDev	.0024	.0023	.00128	.0009	.0012	.0038
%RSD	.24127	.19296	.13248	.08517	.11577	.33628
#1	1.0057	1.1841	.96560	1.0789	1.0103	1.1255
#2	1.0022	1.1809	.96741	1.0802	1.0119	1.1309

IntStd	1	2	3	4	5	6	7

Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	33621	--	--	--	--	--	--
SDev	104.6518	--	--	--	--	--	--
%RSD	.3112692	--	--	--	--	--	--
#1	33695	--	--	--	--	--	--
#2	33547	--	--	--	--	--	--

Method: 20076010 Sample Name: SD 600-53976-c-1-a@5 Operator: DCL
Run Time: 04/24/12 17:56:37
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14973	.00781	.00486	.07771	-.00093	.09053	-.00003
SDev	.00001	.00568	.00066	.00024	.00004	.00111	.00005
%RSD	.00659	72.746	13.632	.30423	4.2107	1.2277	178.57
#1	.14973	.01183	.00533	.07788	-.00095	.09132	-.00007
#2	.14972	.00379	.00439	.07755	-.00090	.08974	.00001

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.638	.00055	.00075	-.00283	.03139	.01131	.00015
SDev	.039	.00005	.00006	.00024	.00952	.00023	.00125
%RSD	.33259	9.2976	7.8343	8.4860	30.319	2.0573	824.42
#1	11.665	.00051	.00080	-.00266	.03811	.01148	-.00073
#2	11.611	.00058	.00071	-.00300	.02466	.01115	.00103

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881

Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01625	3.0488	.01525	.01295	.00077	17.170	1.2400
SDev	.00006	.0163	.00005	.00093	.00020	.056	.0118
%RSD	.36301	.53433	.30862	7.1514	26.132	.32412	.95309
#1	.01629	3.0603	.01528	.01360	.00063	17.210	1.2484
#2	.01620	3.0373	.01521	.01229	.00091	17.131	1.2317

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	287.17	216.78	.31404	-.00045	.00174	.00011
SDev	.00041	.64	.37	.00034	.00299	.00034	.00005
%RSD	382.15	.22443	.17204	.10684	664.30	19.418	42.308
#1	.00040	287.62	217.04	.31428	.00167	.00198	.00015
#2	-.00018	286.71	216.52	.31381	-.00257	.00150	.00008

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00321	.01156	.00029	.00008	.01063	.01905
SDev	.00019	.00021	.00016	.00179	.00417	.00200
%RSD	5.7884	1.7835	56.127	2215.8	39.240	10.479
#1	.00335	.01141	.00018	-.00118	.01358	.01764
#2	.00308	.01170	.00041	.00134	.00768	.02047

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35836	--	--	--	--	--	--
SDev	371.2310	--	--	--	--	--	--
%RSD	1.035902	--	--	--	--	--	--
#1	35574	--	--	--	--	--	--
#2	36099	--	--	--	--	--	--

Method: 20076010 Sample Name: CCV met0412ccv_00004 Operator: DCL
Run Time: 04/24/12 18:00:28
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4972	.52568	.50582	.52868	.46445	.52161	.53744
SDev	.0161	.00202	.00613	.00259	.00217	.00116	.00204
%RSD	.64286	.38440	1.2127	.49047	.46708	.22224	.37997
#1	2.5086	.52711	.51016	.53052	.46598	.52243	.53888
#2	2.4859	.52425	.50148	.52685	.46292	.52079	.53600

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.433	.47866	.48128	.47603	2.6498	.49771	.50098
SDev	.058	.00253	.00243	.00155	.0147	.00226	.00030
%RSD	.46617	.52781	.50577	.32515	.55332	.45449	.05907

#1	12.474	.48045	.48300	.47712	2.6601	.49931	.50077
#2	12.392	.47687	.47955	.47493	2.6394	.49611	.50119

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49281	4.8721	.48504	.51458	.51359	13.352	.98281
SDev	.00017	.0255	.00223	.00029	.00320	.059	.01048
%RSD	.03432	.52338	.46029	.05634	.62406	.43933	1.0660
#1	.49293	4.8901	.48662	.51438	.51585	13.393	.99022
#2	.49269	4.8541	.48346	.51479	.51132	13.310	.97540

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25153	13.274	12.845	.26472	.56937	.49679	.50803
SDev	.00121	.052	.063	.00117	.00122	.00185	.00291
%RSD	.47997	.39534	.49357	.44051	.21425	.37191	.57188
#1	.25238	13.311	12.890	.26554	.56851	.49810	.51008
#2	.25067	13.237	12.800	.26389	.57024	.49549	.50597

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48775	.53251	.46438	.51929	.45166	.51344
SDev	.00231	.00322	.00170	.00129	.00219	.00084
%RSD	.47256	.60415	.36638	.24929	.48405	.16341

#1	.48938	.53478	.46558	.51837	.45321	.51285
#2	.48612	.53023	.46317	.52020	.45011	.51404

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35710	--	--	--	--	--	--
SDev	45.96194	--	--	--	--	--	--
%RSD	.1287071	--	--	--	--	--	--
#1	35678	--	--	--	--	--	--
#2	35743	--	--	--	--	--	--

Method: 20076010 Sample Name: CCB Operator: DCL
Run Time: 04/24/12 18:04:20
Comment: TRACE 61E
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	B_2496	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08836	.00363	.00100	.00005	-.00092	.00107	.00002
SDev	.00403	.00021	.00072	.00002	.00001	.00070	.00001
%RSD	4.5633	5.7016	72.426	52.386	1.4557	65.021	66.542
#1	.08550	.00378	.00049	.00003	-.00091	.00058	.00001
#2	.09121	.00349	.00151	.00006	-.00093	.00156	.00003

Elem	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Li6707	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01162	.00019	.00031	-.00403	.01713	.00115	.00008
SDev	.00057	.00045	.00004	.00038	.01136	.00012	.00021
%RSD	4.9269	238.86	12.034	9.4418	66.297	10.547	258.72
#1	-.01203	-.00013	.00033	-.00430	.02516	.00106	-.00007
#2	-.01122	.00051	.00028	-.00376	.00910	.00123	.00023

Elem	Se1960	Mg2790	Mn2576	Mo2020	Ni2316	K_7664	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00191	.05112	.00006	.00228	-.00007	.39219	-.00082
SDev	.00117	.01110	.00002	.00137	.00022	.07254	.00104
%RSD	61.104	21.704	36.132	59.907	322.74	18.497	125.98
#1	.00273	.04327	.00005	.00325	.00009	.34089	-.00155
#2	.00108	.05896	.00008	.00132	-.00022	.44348	-.00009

Elem	Ag3280	Na3302	Na5889	Sr4215	Tl1908	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	-.04543	.06075	-.00008	-.00026	-.00070	.00006
SDev	.00024	.06348	.00878	.00003	.00478	.00044	.00004
%RSD	302.62	139.72	14.452	39.878	1851.4	62.582	66.659
#1	-.00025	-.09032	.05454	-.00010	.00312	-.00039	.00003
#2	.00009	-.00055	.06695	-.00006	-.00364	-.00100	.00010

Elem	V_2924	Zn2138	2203/1	2203/2	1960/1	1960/2
Units	ppm	ppm	ppm	ppm	ppm	ppm

Avge	.00006	.00037	.00067	-.00021	.00466	.00053
SDev	.00020	.00012	.00179	.00122	.00289	.00030
%RSD	312.30	33.224	266.04	573.90	62.015	57.101
#1	-.00008	.00028	.00194	-.00107	.00670	.00074
#2	.00021	.00045	-.00059	.00065	.00262	.00032

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36371	--	--	--	--	--	--
SDev	377.5950	--	--	--	--	--	--
%RSD	1.038176	--	--	--	--	--	--
#1	36638	--	--	--	--	--	--
#2	36104	--	--	--	--	--	--

Metals Worksheet

Batch Number: 600-77659
Method: 245.1
Analyst: Patel, Silen R

Date Open: Apr 20 2012 12:59PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0412S1_00016	MER0412S2_00016
S0						
S0.2						
S0.5						
S1.0						
S2.0						
S5.0						
S10.0						
ICV~600-77659/8				50 mL		1.5 mL
ICB~600-77659/9						
CRA~600-77659/10				50 mL	.1 mL	
CCV~600-77659/11				50 mL		1.5 mL
CCB~600-77659/12						
MB~600-77591/7-A						
LCS~600-77591/8-A						
LB~600-77501/1-D						
600-53726-A-1-F		7470A	P			
600-53710-A-1-C		7470A	P			
600-53710-A-1-D~DU		7470A	P			
600-53710-A-1-E~MS		7470A	P			
600-53716-A-1-C		7470A	P			
600-53716-A-2-E		7470A	P			
600-53716-A-3-C		7470A	P			
CCV~600-77659/23		7470A		50 mL		1.5 mL
CCB~600-77659/24		7470A				
600-53716-A-3-D~DU		7470A	P			

Metals Worksheet

Batch Number: 600-77659
Method: 245.1
Analyst: Patel, Silen R

Date Open: Apr 20 2012 12:59PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	MER0412S1_00016	MER0412S2_00016
600-53716-A-3-E~MS		7470A	P			
600-53716-A-4-C		7470A	P			
600-53716-A-5-C		7470A	P			
600-53716-A-6-C		7470A	P			
600-53716-A-7-C		7470A	P			
LB~600-77499/1-C						
600-53560-A-1-H		7470A	P			
600-53685-A-1-F		7470A	P			
600-53812-C-1-A		245.1	T			
CCV~600-77659/35		245.1		50 mL		1.5 mL
CCB~600-77659/36		245.1				
600-53812-C-1-B~DU		245.1	T			
600-53812-C-1-C~MS		245.1	T			
600-53797-J-1-B		245.1	T			
600-53827-E-1-A		245.1	T			
600-53710-A-1-C~SD~^5		7470A	P			
600-53812-C-1-A~SD~^5		245.1	T			
CCV~600-77659/43		245.1		50 mL		1.5 mL
CCB~600-77659/44		245.1				

Analysis Begun

Logged In Analyst: houston_wetchem_inst Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: S10

Sample Information File: C:\data-AA\Houston_wetchem_Inst\Sample Information\TODAY.sif
Batch ID: 77591
Results Data Set: FW042012
Results Library: C:\data-AA\Houston_wetchem_Inst\Results\Results.mdb

Sequence No.: 1 Autosampler Location: 2
Sample ID: S0 Date Collected: 4/20/2012 12:59:41
Analyst: Data Type: Original

Replicate Data: S0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0008	0.0036	0.0008	13:00:47	Yes
2		[0.00]	0.0009	0.0050	0.0009	13:01:28	Yes
Mean:		[0.00]	0.0009				
SD:		0.00	0.0001				
%RSD:		0.00	6.01				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 3
Sample ID: S0.2 Date Collected: 4/20/2012 13:01:30
Analyst: Data Type: Original

Replicate Data: S0.2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0025	0.0174	0.0034	13:02:35	Yes
2		[0.2]	0.0025	0.0172	0.0033	13:03:17	Yes
Mean:		[0.2]	0.0025				
SD:		0.0	0.0000				
%RSD:		0.0	0.86				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.01245 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 4
Sample ID: S0.5 Date Collected: 4/20/2012 13:03:19
Analyst: Data Type: Original

Replicate Data: S0.5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0062	0.0356	0.0071	13:04:24	Yes
2		[0.5]	0.0061	0.0345	0.0069	13:05:06	Yes
Mean:		[0.5]	0.0062				
SD:		0.0	0.0001				
%RSD:		0.0	1.73				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.999991 Slope: 0.01233 Intercept: 0.00001

Sequence No.: 4 Autosampler Location: 5
Sample ID: S1.0 Date Collected: 4/20/2012 13:05:08
Analyst: Data Type: Original

Replicate Data: S1.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.0]	0.0124	0.0667	0.0132	13:06:13	Yes

2	[1.0]	0.0124	0.0669	0.0132	13:06:59	Yes
Mean:	[1.0]	0.0124				
SD:	0.0	0.0000				
%RSD:	0.0	0.01				

Standard number 3 applied. [1.0]
Correlation Coef.: 0.999996 Slope: 0.01238 Intercept: 0.00000

Sequence No.: 5 **Autosampler Location: 6**
Sample ID: S2.0 **Date Collected: 4/20/2012 13:07:01**
Analyst: **Data Type: Original**

Replicate Data: S2.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.0]	0.0248	0.1283	0.0257	13:08:08	Yes
2		[2.0]	0.0245	0.1267	0.0253	13:08:51	Yes
Mean:		[2.0]	0.0246				
SD:		0.0	0.0002				
%RSD:		0.0	0.90				

Standard number 4 applied. [2.0]
Correlation Coef.: 0.999997 Slope: 0.01232 Intercept: 0.00002

Sequence No.: 6 **Autosampler Location: 7**
Sample ID: S5.0 **Date Collected: 4/20/2012 13:08:53**
Analyst: **Data Type: Original**

Replicate Data: S5.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.0]	0.0613	0.3127	0.0621	13:09:58	Yes
2		[5.0]	0.0609	0.3108	0.0618	13:10:40	Yes
Mean:		[5.0]	0.0611				
SD:		0.0	0.0002				
%RSD:		0.0	0.39				

Standard number 5 applied. [5.0]
Correlation Coef.: 0.999992 Slope: 0.01221 Intercept: 0.00009

Sequence No.: 7 **Autosampler Location: 8**
Sample ID: S10.0 **Date Collected: 4/20/2012 13:11:27**
Analyst: **Data Type: Original**

Replicate Data: S10.0

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10.0]	0.1193	0.6088	0.1202	13:12:33	Yes
2		[10.0]	0.1181	0.6003	0.1190	13:13:15	Yes
Mean:		[10.0]	0.1187				
SD:		0.0	0.0009				
%RSD:		0.0	0.73				

Standard number 6 applied. [10.0]
Correlation Coef.: 0.999897 Slope: 0.01189 Intercept: 0.00044

Calibration data for Hg 253.7 **Equation: Linear, Calculated Intercept**

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
S0	0.0000	0	-0.037	0.00	6.0
S0.2	0.0025	0.2	0.172	0.00	0.9
S0.5	0.0062	0.5	0.482	0.00	1.7
S1.0	0.0124	1.0	1.004	0.00	0.0
S2.0	0.0246	2.0	2.036	0.00	0.9
S5.0	0.0611	5.0	5.099	0.00	0.4
S10.0	0.1187	10.0	9.945	0.00	0.7

Correlation Coef.: 0.999897 Slope: 0.01189 Intercept: 0.00044

Sequence No.: 8 Autosampler Location: 1
Sample ID: ICV Date Collected: 4/20/2012 13:14:02
Analyst: Data Type: Original

Replicate Data: ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.999	2.999	0.0361	0.1863	0.0370	13:15:12	Yes
2	2.999	2.999	0.0361	0.1865	0.0370	13:15:54	Yes
Mean:	2.999	2.999	0.0361				
SD:	0.000	0.000	0.0000				
%RSD:	0.008	0.008	0.01				

QC value within limits for Hg 253.7 Recovery = 99.97%
All analyte(s) passed QC.

Sequence No.: 9 Autosampler Location: 2
Sample ID: ICB Date Collected: 4/20/2012 13:15:56
Analyst: Data Type: Original

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.039	-0.039	-0.0000	0.0042	0.0008	13:17:01	Yes
2	-0.039	-0.039	-0.0000	0.0043	0.0008	13:17:43	Yes
Mean:	-0.039	-0.039	-0.0000				
SD:	0.000	0.000	0.0000				
%RSD:	0.715	0.715	14.19				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 10 Autosampler Location: 3
Sample ID: CRA Date Collected: 4/20/2012 13:17:45
Analyst: Data Type: Original

Replicate Data: CRA

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.170	0.170	0.0025	0.0174	0.0033	13:18:50	Yes
2	0.158	0.158	0.0023	0.0161	0.0032	13:19:32	Yes
Mean:	0.164	0.164	0.0024				
SD:	0.009	0.009	0.0001				
%RSD:	5.272	5.272	4.30				

QC value within limits for Hg 253.7 Recovery = 81.91%
All analyte(s) passed QC.

Sequence No.: 11 Autosampler Location: 1
Sample ID: CCV Date Collected: 4/20/2012 13:19:34
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.065	3.065	0.0369	0.1895	0.0377	13:20:40	Yes
2	3.086	3.086	0.0371	0.1899	0.0380	13:21:22	Yes
Mean:	3.076	3.076	0.0370				
SD:	0.015	0.015	0.0002				
%RSD:	0.486	0.486	0.48				

QC value within limits for Hg 253.7 Recovery = 102.52%
All analyte(s) passed QC.

Sequence No.: 12 Autosampler Location: 2
Sample ID: CCB Date Collected: 4/20/2012 13:22:08
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.043	-0.043	-0.0001	0.0040	0.0008	13:23:18	Yes
2	-0.033	-0.033	0.0000	0.0043	0.0009	13:24:00	Yes
Mean:	-0.038	-0.038	-0.0000				
SD:	0.007	0.007	0.0001				
%RSD:	18.83	18.83	570.68				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 13 Autosampler Location: 38
Sample ID: mb 600-77591/7-a Date Collected: 4/20/2012 13:24:02
Analyst: SRP Data Type: Original

Replicate Data: mb 600-77591/7-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.031	-0.031	0.0001	0.0059	0.0009	13:25:08	Yes
2	-0.034	-0.034	0.0000	0.0050	0.0009	13:25:50	Yes
Mean:	-0.032	-0.032	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	8.145	8.145	57.35				

Sequence No.: 14 Autosampler Location: 39
Sample ID: lcs 600-77591/8-a Date Collected: 4/20/2012 13:25:52
Analyst: SRP Data Type: Original

Replicate Data: lcs 600-77591/8-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.948	2.948	0.0355	0.1833	0.0364	13:26:57	Yes
2	2.936	2.936	0.0354	0.1828	0.0362	13:27:39	Yes
Mean:	2.942	2.942	0.0354				
SD:	0.009	0.009	0.0001				
%RSD:	0.307	0.307	0.30				

Sequence No.: 15 Autosampler Location: 40
Sample ID: lb 600-77501/1-d Date Collected: 4/20/2012 13:27:41
Analyst: SRP Data Type: Original

Replicate Data: lb 600-77501/1-d

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.034	-0.034	0.0000	0.0051	0.0009	13:28:46	Yes
2	-0.031	-0.031	0.0001	0.0057	0.0009	13:29:28	Yes
Mean:	-0.033	-0.033	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	7.076	7.076	54.44				

Sequence No.: 16 Autosampler Location: 41
Sample ID: 600-53726-a-1-f Date Collected: 4/20/2012 13:29:29
Analyst: SRP Data Type: Original

Replicate Data: 600-53726-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.001	-0.001	0.0004	0.0063	0.0013	13:30:35	Yes
2	0.000	0.000	0.0004	0.0073	0.0013	13:31:17	Yes
Mean:	-0.001	-0.001	0.0004				
SD:	0.001	0.001	0.0000				
%RSD:	124.8	124.8	1.84				

Sequence No.: 17 Autosampler Location: 42
Sample ID: 600-53710-a-1-c Date Collected: 4/20/2012 13:31:23
Analyst: SRP Data Type: Original

Replicate Data: 600-53710-a-1-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.037	-0.037	0.0000	0.0038	0.0009	13:32:27	Yes
2	-0.035	-0.035	0.0000	0.0037	0.0009	13:33:09	Yes
Mean:	-0.036	-0.036	0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	3.389	3.389	93.07				

Sequence No.: 18 Autosampler Location: 43
Sample ID: 600-53710-a-1-d du Date Collected: 4/20/2012 13:33:11
Analyst: SRP Data Type: Original

Replicate Data: 600-53710-a-1-d du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.032	-0.032	0.0001	0.0044	0.0009	13:34:16	Yes
2	-0.029	-0.029	0.0001	0.0050	0.0009	13:34:58	Yes
Mean:	-0.031	-0.031	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	7.031	7.031	35.32				

Sequence No.: 19 Autosampler Location: 44
Sample ID: 600-53710-a-1-e ms Date Collected: 4/20/2012 13:35:00
Analyst: SRP Data Type: Original

Replicate Data: 600-53710-a-1-e ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.113	3.113	0.0375	0.1927	0.0383	13:36:05	Yes
2	3.125	3.125	0.0376	0.1920	0.0385	13:36:47	Yes
Mean:	3.119	3.119	0.0375				
SD:	0.008	0.008	0.0001				
%RSD:	0.271	0.271	0.27				

Sequence No.: 20 Autosampler Location: 45
Sample ID: 600-53716-a-1-c Date Collected: 4/20/2012 13:37:34
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-1-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.039	-0.039	-0.0000	0.0033	0.0008	13:38:40	Yes
2	-0.035	-0.035	0.0000	0.0045	0.0009	13:39:23	Yes
Mean:	-0.037	-0.037	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	5.981	5.981	>999.9%				

Sequence No.: 21 Autosampler Location: 46
Sample ID: 600-53716-a-2-e Date Collected: 4/20/2012 13:39:24
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-2-e

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.214	0.214	0.0030	0.0199	0.0038	13:40:29	Yes
2	0.211	0.211	0.0029	0.0196	0.0038	13:41:11	Yes

Mean:	0.213	0.213	0.0030
SD:	0.002	0.002	0.0000
%RSD:	1.107	1.107	0.94

Sequence No.: 22 Autosampler Location: 47
Sample ID: 600-53716-a-3-c Date Collected: 4/20/2012 13:41:18
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-3-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	0.0001	0.0058	0.0010	13:42:23	Yes
2	-0.025	-0.025	0.0001	0.0054	0.0010	13:43:06	Yes
Mean:	-0.026	-0.026	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	5.684	5.684	13.49				

Sequence No.: 23 Autosampler Location: 1
Sample ID: CCV Date Collected: 4/20/2012 13:43:07
Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.963	2.963	0.0357	0.1843	0.0365	13:44:13	Yes
2	2.963	2.963	0.0357	0.1854	0.0365	13:44:55	Yes
Mean:	2.963	2.963	0.0357				
SD:	0.000	0.000	0.0000				
%RSD:	0.015	0.015	0.02				

QC value within limits for Hg 253.7 Recovery = 98.77%
All analyte(s) passed QC.

Sequence No.: 24 Autosampler Location: 2
Sample ID: CCB Date Collected: 4/20/2012 13:44:57
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	0.0001	0.0058	0.0009	13:46:02	Yes
2	-0.027	-0.027	0.0001	0.0053	0.0010	13:46:44	Yes
Mean:	-0.029	-0.029	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	8.843	8.843	29.76				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 25 Autosampler Location: 48
Sample ID: 600-53716-a-3-d du Date Collected: 4/20/2012 13:46:46
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-3-d du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	0.0001	0.0048	0.0010	13:47:52	Yes
2	-0.029	-0.029	0.0001	0.0045	0.0010	13:48:34	Yes
Mean:	-0.028	-0.028	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	1.788	1.788	5.81				

Sequence No.: 26 Autosampler Location: 49
Sample ID: 600-53716-a-3-e ms Date Collected: 4/20/2012 13:48:36
Analyst: SRP Data Type: Original

Replicate Data: 600-53716-a-3-e ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.071	3.071	0.0370	0.1894	0.0378	13:49:47	Yes
2	3.069	3.069	0.0369	0.1887	0.0378	13:50:29	Yes
Mean:	3.070	3.070	0.0369				
SD:	0.001	0.001	0.0000				
%RSD:	0.042	0.042	0.04				

Sequence No.: 27
Sample ID: 600-53716-a-4-c
Analyst: SRP
Autosampler Location: 50
Date Collected: 4/20/2012 13:51:17
Data Type: Original

Replicate Data: 600-53716-a-4-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.009	0.009	0.0005	0.0070	0.0014	13:52:23	Yes
2	0.005	0.005	0.0005	0.0067	0.0014	13:53:05	Yes
Mean:	0.007	0.007	0.0005				
SD:	0.003	0.003	0.0000				
%RSD:	37.31	37.31	5.84				

Sequence No.: 28
Sample ID: 600-53716-a-5-c
Analyst: SRP
Autosampler Location: 51
Date Collected: 4/20/2012 13:53:07
Data Type: Original

Replicate Data: 600-53716-a-5-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	0.0001	0.0058	0.0010	13:54:12	Yes
2	-0.013	-0.013	0.0003	0.0071	0.0011	13:54:54	Yes
Mean:	-0.020	-0.020	0.0002				
SD:	0.010	0.010	0.0001				
%RSD:	52.22	52.22	60.96				

Sequence No.: 29
Sample ID: 600-53716-a-6-c
Analyst: SRP
Autosampler Location: 52
Date Collected: 4/20/2012 13:54:56
Data Type: Original

Replicate Data: 600-53716-a-6-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	0.0001	0.0064	0.0010	13:56:01	Yes
2	-0.025	-0.025	0.0001	0.0059	0.0010	13:56:43	Yes
Mean:	-0.026	-0.026	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	3.541	3.541	8.01				

Sequence No.: 30
Sample ID: 600-53716-a-7-c
Analyst: SRP
Autosampler Location: 53
Date Collected: 4/20/2012 13:56:44
Data Type: Original

Replicate Data: 600-53716-a-7-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.023	-0.023	0.0002	0.0058	0.0010	13:57:49	Yes
2	-0.024	-0.024	0.0002	0.0052	0.0010	13:58:31	Yes
Mean:	-0.024	-0.024	0.0002				
SD:	0.001	0.001	0.0000				
%RSD:	3.929	3.929	7.00				

Sequence No.: 31
Sample ID: lb 600-77499/1-c
Analyst: SRP
Autosampler Location: 54
Date Collected: 4/20/2012 13:58:33
Data Type: Original

Replicate Data: lb 600-77499/1-c

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	0.0001	0.0055	0.0010	13:59:42	Yes
2	-0.040	-0.040	-0.0000	0.0031	0.0008	14:00:25	Yes
Mean:	-0.033	-0.033	0.0000				
SD:	0.009	0.009	0.0001				
%RSD:	27.21	27.21	249.92				

Sequence No.: 32
Sample ID: 600-53560-a-1-h
Analyst: SRP
Autosampler Location: 55
Date Collected: 4/20/2012 14:00:26
Data Type: Original

Replicate Data: 600-53560-a-1-h

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.032	-0.032	0.0001	0.0050	0.0009	14:01:33	Yes
2	-0.031	-0.031	0.0001	0.0054	0.0009	14:02:15	Yes
Mean:	-0.032	-0.032	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	4.122	4.122	23.53				

Sequence No.: 33
Sample ID: 600-53685-a-1-f
Analyst: SRP
Autosampler Location: 56
Date Collected: 4/20/2012 14:02:16
Data Type: Original

Replicate Data: 600-53685-a-1-f

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.028	-0.028	0.0001	0.0053	0.0010	14:03:22	Yes
2	-0.037	-0.037	0.0000	0.0044	0.0009	14:04:04	Yes
Mean:	-0.033	-0.033	0.0001				
SD:	0.006	0.006	0.0001				
%RSD:	18.32	18.32	139.38				

Sequence No.: 34
Sample ID: 600-53812-c-1-a
Analyst: SRP
Autosampler Location: 57
Date Collected: 4/20/2012 14:04:05
Data Type: Original

Replicate Data: 600-53812-c-1-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.098	0.098	0.0016	0.0116	0.0025	14:05:11	Yes
2	0.114	0.114	0.0018	0.0134	0.0026	14:05:53	Yes
Mean:	0.106	0.106	0.0017				
SD:	0.011	0.011	0.0001				
%RSD:	10.30	10.30	7.64				

Sequence No.: 35
Sample ID: CCV
Analyst:
Autosampler Location: 1
Date Collected: 4/20/2012 14:05:54
Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.953	2.953	0.0356	0.1833	0.0364	14:07:01	Yes
2	2.933	2.933	0.0353	0.1809	0.0362	14:07:43	Yes
Mean:	2.943	2.943	0.0354				
SD:	0.014	0.014	0.0002				

%RSD: 0.461 0.461 0.46
QC value within limits for Hg 253.7 Recovery = 98.10%
All analyte(s) passed QC.

Sequence No.: 36 Autosampler Location: 2
Sample ID: CCB Date Collected: 4/20/2012 14:07:49
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.029	-0.029	0.0001	0.0049	0.0010	14:08:54	Yes
2	-0.033	-0.033	0.0001	0.0047	0.0009	14:09:36	Yes
Mean:	-0.031	-0.031	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	9.240	9.240	44.71				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 37 Autosampler Location: 58
Sample ID: 600-53812-c-1-b du Date Collected: 4/20/2012 14:09:38
Analyst: SRP Data Type: Original

Replicate Data: 600-53812-c-1-b du

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.007	-0.007	0.0004	0.0054	0.0012	14:10:44	Yes
2	0.001	0.001	0.0005	0.0070	0.0013	14:11:26	Yes
Mean:	-0.003	-0.003	0.0004				
SD:	0.006	0.006	0.0001				
%RSD:	182.9	182.9	17.06				

Sequence No.: 38 Autosampler Location: 59
Sample ID: 600-53812-c-1-c ms Date Collected: 4/20/2012 14:11:28
Analyst: SRP Data Type: Original

Replicate Data: 600-53812-c-1-c ms

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.068	3.068	0.0369	0.1890	0.0378	14:12:33	Yes
2	3.045	3.045	0.0367	0.1864	0.0375	14:13:15	Yes
Mean:	3.057	3.057	0.0368				
SD:	0.017	0.017	0.0002				
%RSD:	0.546	0.546	0.54				

Sequence No.: 39 Autosampler Location: 60
Sample ID: 600-53797-j-1-b Date Collected: 4/20/2012 14:14:03
Analyst: SRP Data Type: Original

Replicate Data: 600-53797-j-1-b

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.027	-0.027	0.0001	0.0051	0.0010	14:15:10	Yes
2	-0.020	-0.020	0.0002	0.0061	0.0011	14:15:52	Yes
Mean:	-0.023	-0.023	0.0002				
SD:	0.005	0.005	0.0001				
%RSD:	22.76	22.76	38.59				

Sequence No.: 40 Autosampler Location: 61
Sample ID: 600-53827-e-1-a Date Collected: 4/20/2012 14:15:54
Analyst: SRP Data Type: Original

Replicate Data: 600-53827-e-1-a

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.069	-0.069	-0.0004	0.0031	0.0005	14:16:59	Yes
2	-0.059	-0.059	-0.0003	0.0042	0.0006	14:17:46	Yes
Mean:	-0.064	-0.064	-0.0003				
SD:	0.007	0.007	0.0001				
%RSD:	11.35	11.35	26.79				

Sequence No.: 41
Sample ID: SD-600-53710-a-1-c@5
Analyst: SRP
Autosampler Location: 62
Date Collected: 4/20/2012 14:17:47
Data Type: Original

Replicate Data: SD-600-53710-a-1-c@5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.050	-0.050	-0.0002	0.0039	0.0007	14:18:54	Yes
2	-0.057	-0.057	-0.0002	0.0024	0.0006	14:19:36	Yes
Mean:	-0.054	-0.054	-0.0002				
SD:	0.005	0.005	0.0001				
%RSD:	9.385	9.385	30.29				

Sequence No.: 42
Sample ID: SD-600-53812-c-1-a@5
Analyst: SRP
Autosampler Location: 63
Date Collected: 4/20/2012 14:19:38
Data Type: Original

Replicate Data: SD-600-53812-c-1-a@5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.031	-0.031	0.0001	0.0052	0.0009	14:20:43	Yes
2	-0.035	-0.035	0.0000	0.0045	0.0009	14:21:25	Yes
Mean:	-0.033	-0.033	0.0000				
SD:	0.003	0.003	0.0000				
%RSD:	8.284	8.284	68.95				

Sequence No.: 43
Sample ID: CCV
Analyst:
Autosampler Location: 1
Date Collected: 4/20/2012 14:21:27
Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.975	2.975	0.0358	0.1839	0.0367	14:22:33	Yes
2	2.974	2.974	0.0358	0.1820	0.0367	14:23:15	Yes
Mean:	2.975	2.975	0.0358				
SD:	0.001	0.001	0.0000				
%RSD:	0.033	0.033	0.03				

QC value within limits for Hg 253.7 Recovery = 99.16%
All analyte(s) passed QC.

Sequence No.: 44
Sample ID: CCB
Analyst:
Autosampler Location: 2
Date Collected: 4/20/2012 14:23:17
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.032	-0.032	0.0001	0.0046	0.0009	14:24:22	Yes
2	-0.035	-0.035	0.0000	0.0046	0.0009	14:25:04	Yes
Mean:	-0.034	-0.034	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	6.062	6.062	62.84				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77501 Batch Start Date: 04/18/12 18:00 Batch Analyst: Patel, Silen R

Batch Method: 1311 Batch End Date: 04/19/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	METTCLPE2 00057					
LB 600-77501/1		1311, 3010A, 6010B		2000 mL					
600-53710-A-1	IDW-4	1311, 3010A, 6010B	P	2000 mL					

Batch Notes	
Room Temperature during Rotation	21-24 Degrees C

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77589 Batch Start Date: 04/20/12 06:47 Batch Analyst: Lige, Derrick C

Batch Method: 3010A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	METHCL 00037	METHNO3 00027	METSPIKEA 00011	METSPIKEB 00012
MB 600-77589/1		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL		
LCS 600-77589/2		3010A, 6010B		50 mL	50 mL	2.5 mL	2.5 mL	250 uL	250 uL
LB 600-77501/1-A		3010A, 6010B		5 mL	50 mL	2.5 mL	2.5 mL		
600-53710-A-1-A	IDW-4	3010A, 6010B	P	5 mL	50 mL	2.5 mL	2.5 mL		

Batch Notes	
Hood ID or number	M-5
Hot Block ID number	#04
Pipette ID	M-11
Temperature	95 Degrees C.
ID number of the thermometer	#555

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77850 Batch Start Date: 04/24/12 11:27 Batch Analyst: Racelis, Froilan Noel E

Batch Method: 3050B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	METH202 00020	METH202 00022	METHCL 00037
MB 600-77850/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL	4 mL		2.5 mL
LCS 600-77850/2		3050B, 6010B		CALC NOT SET TO RUN	0.50 g	50 mL	4 mL		2.5 mL
600-53710-B-1	IDW-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL	4 mL		2.5 mL
600-53710-B-1 DU	IDW-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.05 g	50 mL	4 mL		2.5 mL
600-53710-B-1 MS	IDW-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.04 g	50 mL	4 mL		2.5 mL
600-53710-B-1 MSD	IDW-4	3050B, 6010B	T	CALC NOT SET TO RUN	1.03 g	50 mL	4 mL		2.5 mL
MB 600-77850/14		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL		4 mL	2.5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	METHNO3 00027	METSLCSS 00016	METSPIKEA 00011	METSPIKEB 00012		
MB 600-77850/1		3050B, 6010B		5 mL					
LCS 600-77850/2		3050B, 6010B		5 mL	0.5 g				
600-53710-B-1	IDW-4	3050B, 6010B	T	5 mL					
600-53710-B-1 DU	IDW-4	3050B, 6010B	T	5 mL					
600-53710-B-1 MS	IDW-4	3050B, 6010B	T	5 mL		250 uL	250 uL		
600-53710-B-1 MSD	IDW-4	3050B, 6010B	T	5 mL		250 uL	250 uL		
MB 600-77850/14		3050B, 6010B		5 mL					

Batch Notes	
Balance ID	B-6
Hood ID or number	M5
Hot Block ID number	HB 02
Temperature	95 Degrees C
ID number of the thermometer	517

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77501 Batch Start Date: 04/18/12 18:00 Batch Analyst: Patel, Silen R

Batch Method: 1311 Batch End Date: 04/19/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	METTCLPE2 00057					
LB 600-77501/1		1311, 7470A, 7470A		2000 mL					
600-53710-A-1	IDW-4	1311, 7470A, 7470A	P	2000 mL					

Batch Notes	
Room Temperature during Rotation	21-24 Degrees C

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77591 Batch Start Date: 04/20/12 07:57 Batch Analyst: Patel, Silen R

Batch Method: 7470A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MER0312PP 00001	MER0412HS 00002	MER0412KM 00004	MER0412S2 00015
MB 600-77591/7		7470A, 7470A		40 mL	40 mL	3.2 mL	3 mL	6 mL	
LCS 600-77591/8		7470A, 7470A		50 mL	50 mL	3.2 mL	3 mL	6 mL	1.5 mL
LB 600-77501/1-A		7470A, 7470A		40 mL	40 mL	3.2 mL	3 mL	6 mL	
600-53710-A-1-A	IDW-4	7470A, 7470A	P	40 mL	40 mL	3.2 mL	3 mL	6 mL	
600-53710-A-1-A DU	IDW-4	7470A, 7470A	P	40 mL	40 mL	3.2 mL	3 mL	6 mL	
600-53710-A-1-A MS	IDW-4	7470A, 7470A	P	40 mL	40 mL	3.2 mL	3 mL	6 mL	1.2 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MERSUL 00025	METHNO3 00027				
MB 600-77591/7		7470A, 7470A		2 mL	1 mL				
LCS 600-77591/8		7470A, 7470A		2 mL	1 mL				
LB 600-77501/1-A		7470A, 7470A		2 mL	1 mL				
600-53710-A-1-A	IDW-4	7470A, 7470A	P	2 mL	1 mL				
600-53710-A-1-A DU	IDW-4	7470A, 7470A	P	2 mL	1 mL				
600-53710-A-1-A MS	IDW-4	7470A, 7470A	P	2 mL	1 mL				

Batch Notes	

Basis	Basis Description
P	TCLP

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG No.:

Project: Exide Recycling Center, Frisco TX Projec

Client Sample ID	Lab Sample ID
IDW-4	600-53710-1

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW-4 Lab Sample ID: 600-53710-1

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2012 13:00

Reporting Basis: WET Date Received: 04/18/2012 09:56

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	85.5	250	85.5	ug/Kg	U		1	9012
	Sulfide, Reactive	14.0	50.0	14.0	mg/Kg	U		1	7.4.4

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: IDW-4 Lab Sample ID: 600-53710-1

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2012 13:00

Reporting Basis: WET Date Received: 04/18/2012 09:56

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	pH	8.22	0.0100		SU			1	9045C
	Flashpoint	>212	1.00		Degrees F			1	D92

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Analyst: MB Batch Start Date: 04/21/2012

Reporting Units: SU Analytical Batch No.: 77687

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
24	CCV	15:00	pH	7.000	7.00	100	99-101		WETRPH7BUF_00015
37	CCV	15:00	pH	7.010	7.00	100	99-101		WETRPH7BUF_00015
46	CCV	15:00	pH	7.010	7.00	100	99-101		WETRPH7BUF_00015

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Analyst: MB Batch Start Date: 04/23/2012

Reporting Units: Degrees F Analytical Batch No.: 77742

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
10	CCV	09:15	Flashpoint	81.82	81.0	101	96.91-103.09		WETRPXYLEN_00005

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 77665	Date: 04/20/2012 14:15	Prep Batch: 77652	Date: 04/20/2012 13:58				
7.4.4	MB 600-77652/1-A	Sulfide, Reactive	14.0	U	mg/Kg	50.0	1
Batch ID: 77795	Date: 04/20/2012 14:57	Prep Batch: 77652	Date: 04/20/2012 13:58				
9012	MB 600-77652/1-A	Cyanide, Reactive	85.5	U	ug/Kg	250	1
Batch ID: 77742	Date: 04/23/2012 09:15						
D92	MB 600-77742/1	Flashpoint	>186		Degrees F	1.00	1

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 77665	Date: 04/20/2012 14:15		Prep Batch: 77652			Date: 04/20/2012 13:58					
						LCS Source: SULFTSLCS_00507					
7.4.4	LCS 600-77652/2-A	Sulfide, Reactive	14.0	U	mg/Kg	2060	0	0-100			
Batch ID: 77795	Date: 04/20/2012 14:57		Prep Batch: 77652			Date: 04/20/2012 13:58					
						LCS Source: WETRCYANID_00016					
9012	LCS 600-77652/2-A	Cyanide, Reactive	59830		ug/Kg	1000000	6	0-100			
Batch ID: 77687	Date: 04/21/2012 15:00										
						LCS Source: WETRPH7BUF_00015					
9045C	LCS 600-77687/25	pH	7.010		SU	7.00	100	99-101			
Batch ID: 77742	Date: 04/23/2012 09:15										
						LCS Source: WETRPXYLEN_00005					
D92	LCS 600-77742/2	Flashpoint	81.82		Degrees F	81.0	101	96.91-103.09			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9012 MDL Date: 04/01/2011 13:51

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (ug/Kg)	MDL (ug/Kg)
Cyanide, Reactive		250	85.52

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9012 XMDL Date: 06/15/2008 15:59

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Cyanide, Reactive		10	0.72665

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 7.4.4 MDL Date: 06/13/2008 18:02

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfide, Reactive		50	13.99

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 7.4.4 XMDL Date: 06/13/2008 18:03

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide, Reactive		5	1.399

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045C RL Date: 07/03/2008 14:00

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.01	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045C XRL Date: 07/03/2008 14:02

Analyte	Wavelength/ Mass	XRL (SU)	
pH		0.01	

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D92 RL Date: 11/09/2005 14:49

Analyte	Wavelength/ Mass	RL (Degrees	
Flashpoint		1	

FORM IX - IN

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: D92 XRL Date: 06/09/2008 16:44

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

FORM IX - IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job Number: 600-53710-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/05/2005 11:35

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77652/1-A	04/20/2012 13:58	77652		10	250
LCS 600-77652/2-A	04/20/2012 13:58	77652		10	250
600-53710-1	04/20/2012 13:58	77652	10		250

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Prep Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 600-77652/1-A	04/20/2012 13:58	77652		10	250
LCS 600-77652/2-A	04/20/2012 13:58	77652		10	250
600-53710-1	04/20/2012 13:58	77652	10		250

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: 9012

Start Date: 04/20/2012 14:57 End Date: 04/20/2012 14:57

Lab Sample ID	D/F	Type	Time	Analytes																				
				CNReac																				
MB 600-77652/1-A	1	T	14:57	X																				
LCS 600-77652/2-A	20	T	14:57	X																				
ZZZZZZ			14:57																					
ZZZZZZ			14:57																					
ZZZZZZ			14:57																					
600-53710-1	1	T	14:57	X																				
ZZZZZZ			14:57																					
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ZZZZZZ			14:57																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: 7.4.4

Start Date: 04/20/2012 14:15 End Date: 04/20/2012 14:15

Lab Sample ID	D/F	Type	Time	Analytes																				
				S2Reac																				
MB 600-77652/1-A	1	T	14:15	X																				
LCS 600-77652/2-A	1	T	14:15	X																				
ZZZZZZ			14:15																					
ZZZZZZ			14:15																					
ZZZZZZ			14:15																					
600-53710-1	1	T	14:15	X																				
ZZZZZZ			14:15																					
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Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045C

Start Date: 04/21/2012 15:00 End Date: 04/21/2012 15:00

Lab Sample ID	D/F	Type	Time	Analytes																				
				pH																				
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
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ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
CCV 600-77687/13			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
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ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
CCV 600-77687/24	1		15:00	X																				
LCS 600-77687/25	1	T	15:00	X																				
ZZZZZZ			15:00																					
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ZZZZZZ			15:00																					
CCV 600-77687/37	1		15:00	X																				
ZZZZZZ			15:00																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045C

Start Date: 04/21/2012 15:00 End Date: 04/21/2012 15:00

Lab Sample ID	D/F	Type	Time	Analytes																			
				pH																			
600-53710-1	1	T	15:00	X																			
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
CCV 600-77687/46	1		15:00	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: D92

Start Date: 04/23/2012 09:15 End Date: 04/23/2012 09:15

Lab Sample ID	D / F	Type	Time	Analytes																				
				F P																				
MB 600-77742/1	1	T	09:15	X																				
LCS 600-77742/2	1	T	09:15	X																				
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
ZZZZZZ			09:15																					
600-53710-1	1	T	09:15	X																				
CCV 600-77742/10	1		09:15	X																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/19/2012 15:30 End Date: 04/19/2012 18:04

Lab Sample ID	D/F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			15:30																					
ZZZZZZ			15:30																					
600-53710-1	1	T	15:30	X	X																			
ZZZZZZ			15:30																					
ZZZZZZ			15:30																					
ZZZZZZ			15:30																					
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ZZZZZZ			18:04																					
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ZZZZZZ			18:04																					

Prep Types
T = Total/NA

cyanide

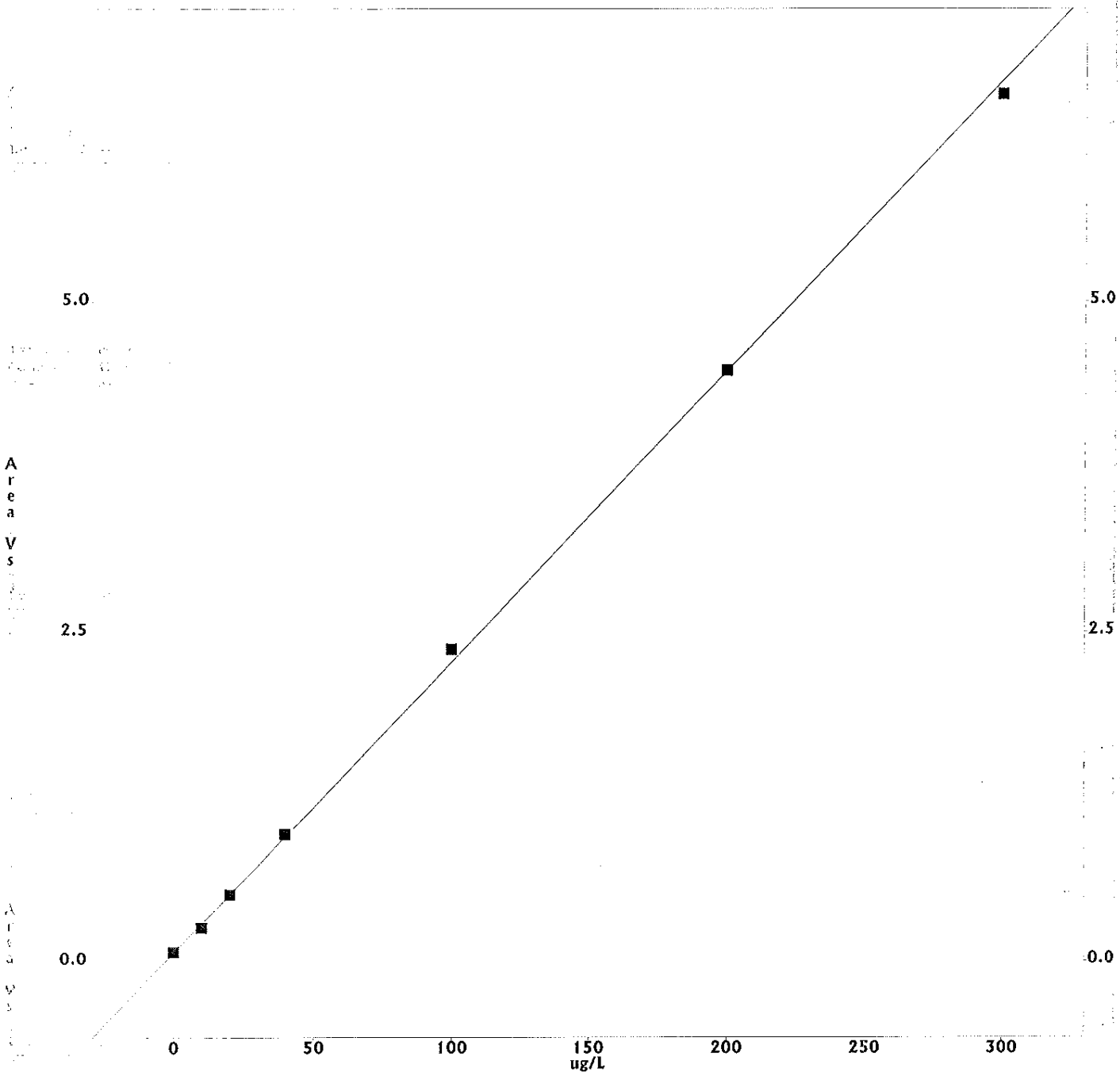
17795-RCYN

Lvl	Area	ug/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	6571188	300	6571188					0.0	0.0	1.6
2	4478477	200	4478477					0.0	0.0	-0.1
3	2369255	100	2369255					0.0	0.0	-4.5
4	971392	40	971392					0.0	0.0	-2.5
5	508954	20	508954					0.0	0.0	-0.0
6	259482	10	259482					0.0	0.0	13.2
7	72922	0	72922					0.0	0.0	

1st Order Poly
Conc = 4.542e-005 Area - 3.108e+000
r = 0.9997

4/30/12

Scaling: None - Weighting: 1/X



Printed: Monday, April 30, 2012 - 12:25 PM

OPERATOR:	bgrimm
ACQ. TIME:	Apr 20, 2012 14:16:45
DATA FILENAME:	C:\OMNION\DATA\CYANIDE\042012CA.FDT
METHOD FILENAME:	C:\OMNION\METHODS\CYANIDE\CYANIDE.MET
TRAY FILENAME:	

METHOD: EPA 335.3/FIA #1

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:

Created:	Oct 7, 2003 14:14:00
Modified:	Apr 27, 2012 16:32:48
cyanide	

ANALYTE DATA:

Analyte Name:	cyanide
Concentration Units:	ug/L
Chemistry:	Direct
Inject to Peak Start (s):	25.0
Peak Base Width (s):	42.000
% Width Tolerance:	50.000
Threshold:	5000.000
Autodilution Trigger:	Off
QuikChem Method:	

CALIBRATION DATA:

Levels:

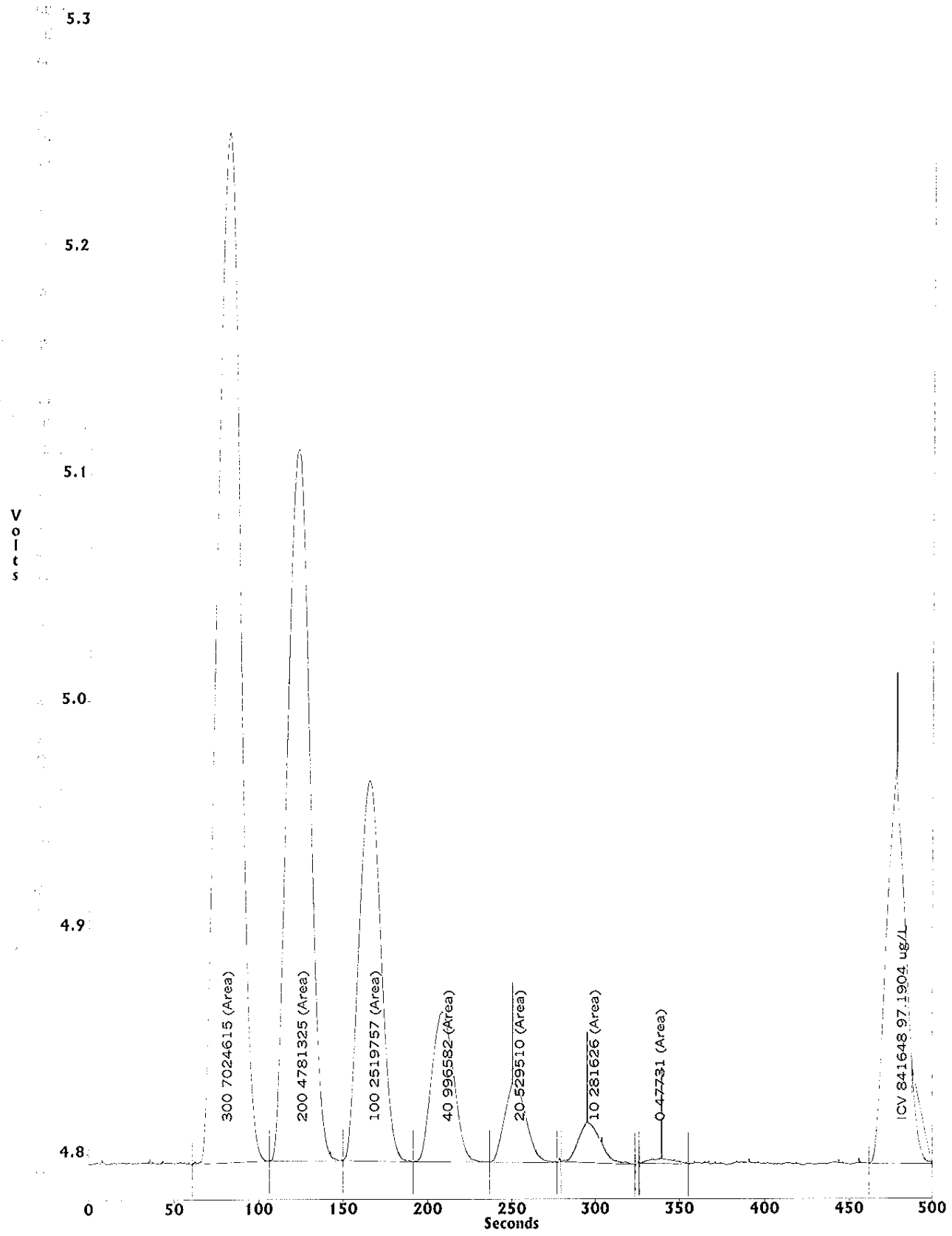
1 : 300.000 2 : 200.000 3 : 100.000 4 : 40.000
5 : 20.000 6 : 10.000 7 : 0.000

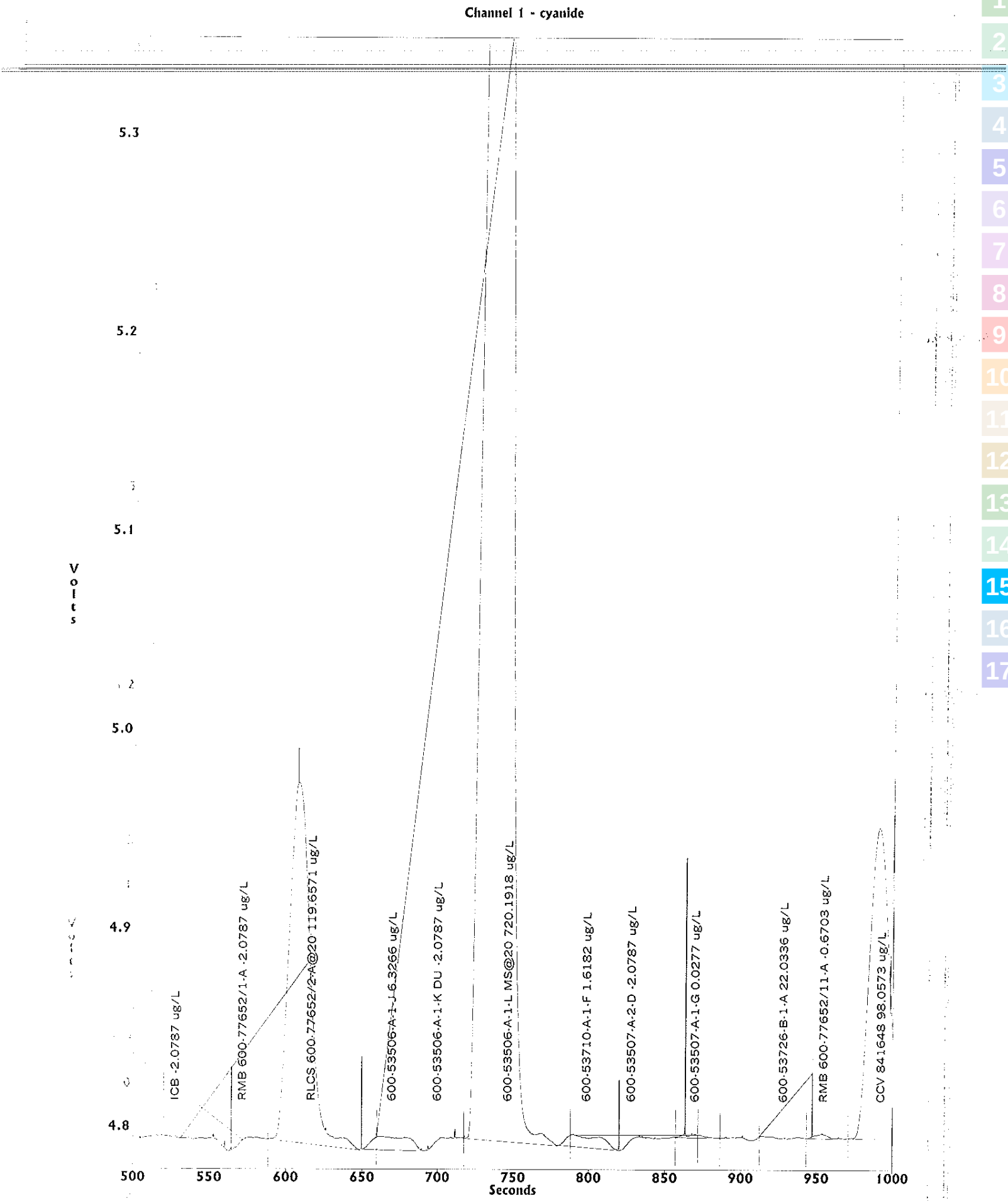
Calibration Rep Handling:	Replace
Calibration Fit Type:	1st Order Poly
Force Though Zero:	No
Weighting Method:	1/X
Concentration Scaling:	None

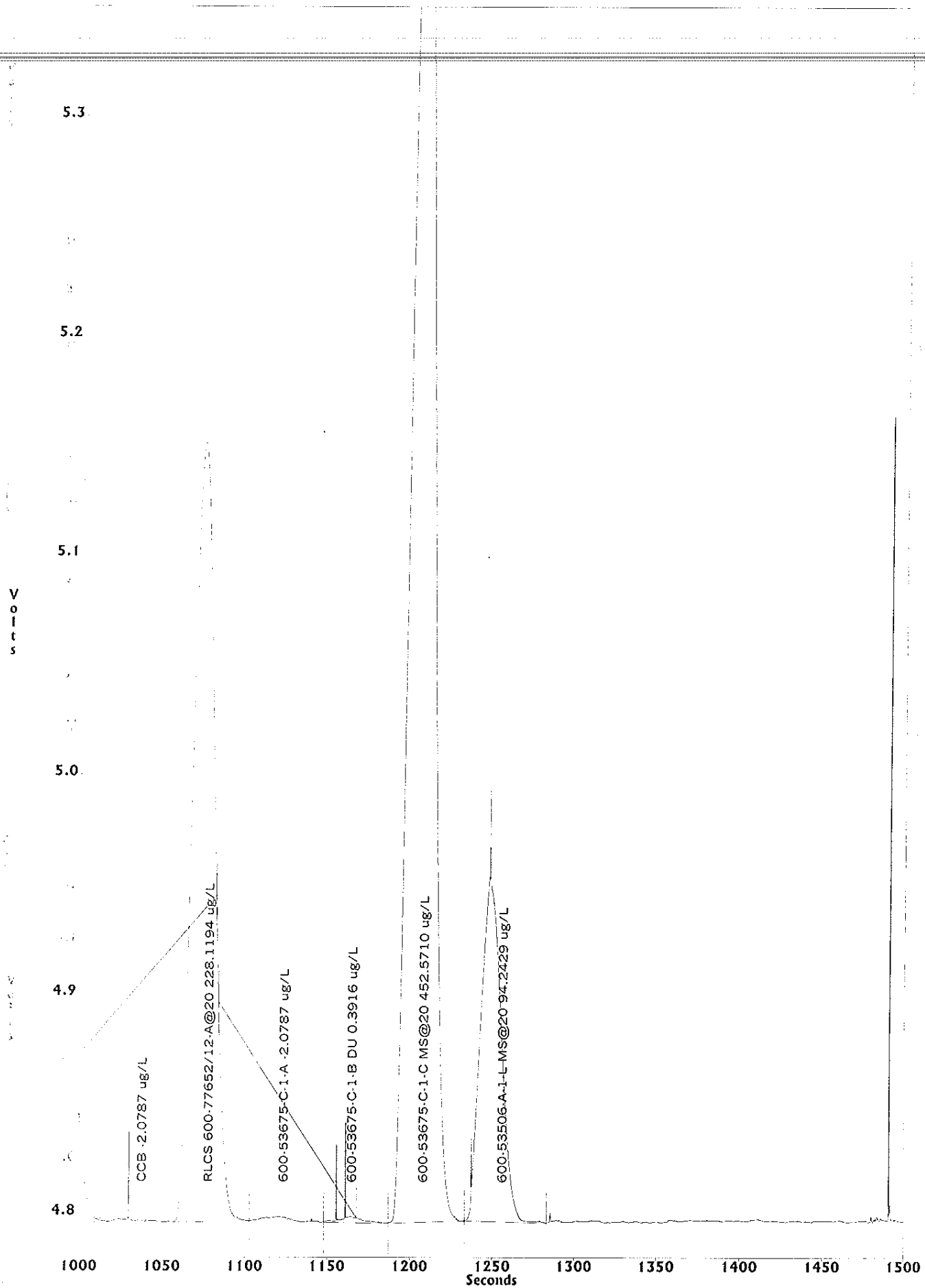
Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 1 -- Cup Range: 1 to 50

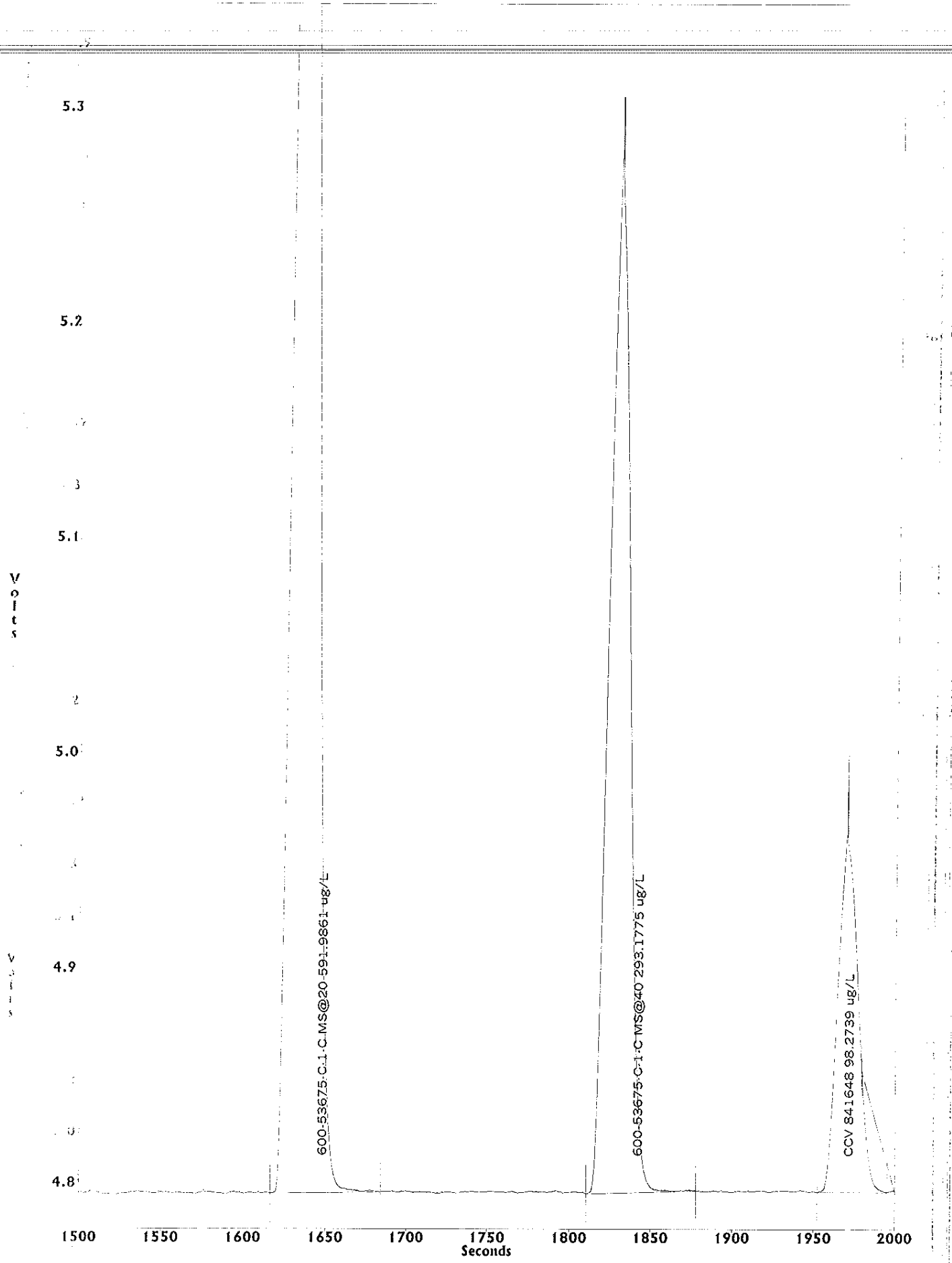
Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	cyanide (ug/L)	Man Dil Factor	Auto Dil Factor	Weight	Unit
1	ICV 841648	20 Apr 2012	14:23:23	1	97.19035	1.0	1.00	1.00000	
2	ICB	20 Apr 2012	14:24:07	1	-2.07874	1.0	1.00	1.00000	
3	RMB 600-77652/1-A	20 Apr 2012	14:24:51	1	-2.07874	1.0	1.00	1.00000	
4	RLCS 600-77652/2-A@20	20 Apr 2012	14:25:33	1	119.65710	1.0	1.00	1.00000	
5	600-53506-A-1-J	20 Apr 2012	14:26:16	1	6.32660	1.0	1.00	1.00000	
6	600-53506-A-1-K DU	20 Apr 2012	14:26:59	1	-2.07874	1.0	1.00	1.00000	
7	600-53506-A-1-L MS@20	20 Apr 2012	14:27:41	1	720.19183	1.0	1.00	1.00000	
8	600-53710-A-1-F	20 Apr 2012	14:28:24	1	1.61817	1.0	1.00	1.00000	
9	600-53507-A-2-D	20 Apr 2012	14:29:07	1	-2.07874	1.0	1.00	1.00000	
10	600-53507-A-1-G	20 Apr 2012	14:29:50	1	0.02774	1.0	1.00	1.00000	
11	600-53726-B-1-A	20 Apr 2012	14:30:32	1	22.03361	1.0	1.00	1.00000	
12	RMB 600-77652/11-A	20 Apr 2012	14:31:14	1	-0.67026	1.0	1.00	1.00000	
13	CCV 841648	20 Apr 2012	14:31:56	1	98.05732	1.0	1.00	1.00000	
14	CCB	20 Apr 2012	14:32:37	1	-2.07874	1.0	1.00	1.00000	
15	RLCS 600-77652/12-A@20	20 Apr 2012	14:33:19	1	228.11943	1.0	1.00	1.00000	
16	600-53675-C-1-A	20 Apr 2012	14:34:03	1	-2.07874	1.0	1.00	1.00000	
17	600-53675-C-1-B DU	20 Apr 2012	14:34:47	1	0.39165	1.0	1.00	1.00000	
18	600-53675-C-1-C MS@20	20 Apr 2012	14:35:30	1	452.57104	1.0	1.00	1.00000	
19	600-53506-A-1-L MS@20	20 Apr 2012	14:36:14	1	94.24294	1.0	1.00	1.00000	
20	600-53675-C-1-C MS@20	20 Apr 2012	14:42:41	1	591.98608	1.0	1.00	1.00000	
21	600-53675-C-1-C MS@40	20 Apr 2012	14:45:54	1	293.17752	1.0	1.00	1.00000	
22	CCV 841648	20 Apr 2012	14:48:16	1	98.27393	1.0	1.00	1.00000	
23	CCB	20 Apr 2012	14:48:59	1	-2.07874	1.0	1.00	1.00000	

Channel 1 - cyanide

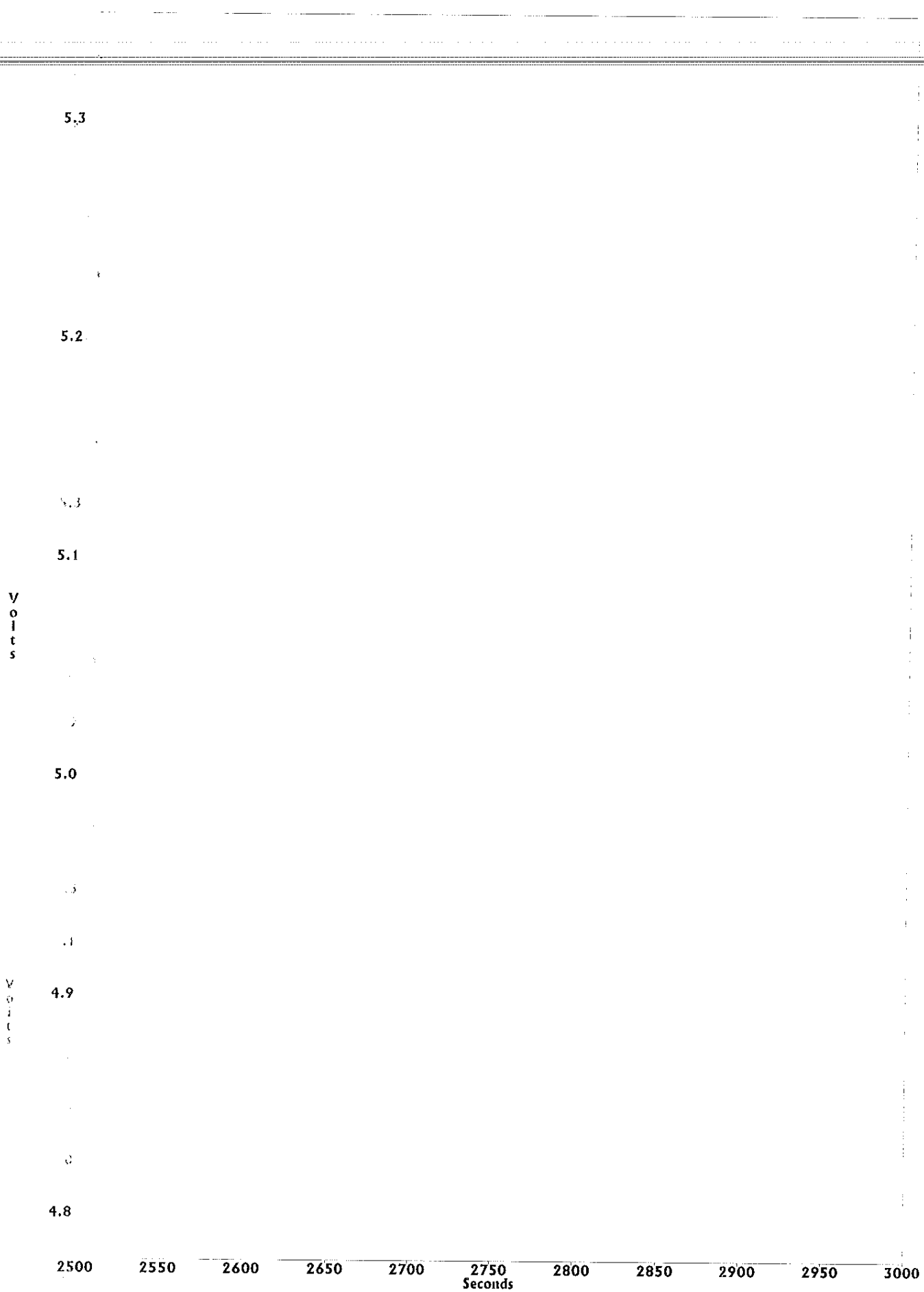



Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
ICB -2.0787 ug/L
RMB 600-77652/1-A -2.0787 ug/L
RLCS 600-77652/2-A@20 119.6571 ug/L
600-53506-A-1-J 6.3266 ug/L
600-53506-A-1-K DU -2.0787 ug/L
600-53506-A-1-L MS@20 720.1918 ug/L
600-53710-A-1-F 1.6182 ug/L
600-53507-A-2-D -2.0787 ug/L
600-53507-A-1-G 0.0277 ug/L
600-53726-B-1-A 22.0336 ug/L
RMB 600-77652/11-A -0.6703 ug/L
CCV 841648 98.0573 ug/L
500
550
600
650
700
750
800
850
900
950
1000
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
CCB 2.0787 ug/L
RLCS 600-77652/12-A@20 228.1194 ug/L
600-53675-C-1-A 2.0787 ug/L
600-53675-C-1-B DU 0.3916 ug/L
600-53675-C-1-C MS@20 452.5710 ug/L
600-53506-A-1-L MS@20 94.2429 ug/L
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
5.0
4.9
4.8
Volts
600-53675-C-1-C-MS@20 591.9861 ug/L
600-53675-C-1-C-MS@40 293.1775 ug/L
CCV 841648 98.2739 ug/L
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
Seconds

Channel 1 - cyanide
5.3
5.2
5.1
Volts
5.0
4.9
CCB -2.0787 ug/L
4.8
2000
2050
2100
2150
2200
2250
2300
2350
2400
2450
2500
Seconds


Channel 1 - cyanide
5.3
5.2
5.1
Volts
5.0
4.9
Volts
4.8
2500
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
Seconds

TestAmerica Houston

SULFIDE - Titrimetric & Reactive logbook

Method: SM4500-S^2 E or SW9034 **(circle one)**

Analyst: BBV Batch# 77666 Date: 4/20/12 Time: 1415 1058

Starch Sol ID: 696004 6N HCL ID: 824545 Sulfide Std ID: 851978

Sample ID	(C) Sample Volume (mL)	(A) 0.025 N* Iodine (mL) ID: 809450	(B) 0.025 N* Sodium Thiosulfate (mL) ID: 500036	Sulfide [(A-B)/C]*400 (mg/L)	Comments (Reactives X25)
SB	100	10	10	Ø	
Tendistilled	2 mL/100	20	9.7	2060	
MB	100		Ø	Ø	
LCS			Ø	Ø	
600-53506-A-1			Ø	Ø	
↓ A1DU			Ø	Ø	
↓ A1MS			Ø	Ø	
600-53710-A-1			Ø	Ø	
↓ 53507-A-2			Ø	Ø	
↓ 53507-A-1			Ø	Ø	
600-53726-B-1			0.5	78	1950
MB			3.8	64.8	1620
LCS			14.0	34.0	600
600-53675-C-1			3.8	64.8	1620
↓ C1DU			0.6	77.6	1940
(14) ↓ C1MS			9.3	42.8	1070
600-53703-A-1			Ø	Ø	Ø

*For Normality other then indicated [((A*Iodine N) – (B*Thiosulfate N))/C]*16000

Reviewed By: _____ **Date:** 4/20/12

TestAmerica HOUSTON

pH / Corrosivity

EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: 4/21/12 1500 Analyst: MB Slope: 97.61 Balance ID: B2

Buffer ID: 4.00; 581321 7.00; 697130 10.00; 633478 LCS/ICV/CCV ID: 632813

1.00; 651512, 13.00; 704401 Batch #: 77687

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00	4.00	20.5	
Calibrate 7.00	7.00	20.7	
Calibrate 10.00	10.00	20.4	
LCS/ICV	6.99	20.2	TV= 7.00 std. units
53808 - B1	7.71	20.1	WATER
Duplicate B1	7.71	20.1	
53522 A1	7.05	20.5	
53690 A1	7.65	20.2	
53749 A1	7.54	23.0	
53667 E-2	7.81	23.0	
↓ E1	7.80	23.0	
53607 A1	7.54	22.8	
53606 A1	7.39	22.9	
53604 A1	7.50	22.9	
53512 A2	9.10	23.0	
CCV	7.02	20.8	TV= 7.00 std. units
53638 C1	8.32	22.7	WATER
Duplicate ↓ C1	8.32	22.7	
53713 C1	8.29	23.1	
53612 A1	7.27	22.7	
53667 C3	7.93	22.8	
↓ E4	7.56	22.8	
53589 A1	8.49	22.6	
53675 - D1	10.33	22.3	
53717 B1	8.32	22.2	
53637 D1	8.10	22.4	
CCV	7.00	21.2	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: MM **Date:** 4/23/12

TestAmerica HOUSTON
pH / Corrosivity
EPA 150.1, SW-846 9040B & 9045C, SM 4500-H + B

Date/Time: _____ Analyst: MB Slope: 97.61 Balance ID: B2

Buffer ID: 4.00; 7.00; 10.00; LCS/ICV/CCV ID: 632813

1.00; _____, 13.00; _____ Batch #: 77687

CONT'D

Sample ID	Initial Reading (std. units)	Temp. (°C)	Comments
Calibrate 4.00			
Calibrate 7.00			
Calibrate 10.00			
LCS/ICV	7.01	21.2	TV= 7.00 std. units
53841 A1	7.76	21.6	SOIC
Duplicate A1	7.76	21.6	
A2	8.04	21.6	
A3	7.86	21.7	
A4	7.88	21.6	
A5	8.07	21.8	
A6	8.16	21.6	
53431 D1	7.81	21.4	
D2	7.37	21.3	
C3	7.18	21.5	
D4	7.90	21.5	
CCV	7.01	21.2	TV= 7.00 std. units
53431 C5	7.93	21.5	
Duplicate C5	7.93	21.5	
53680 A1	7.73	21.7	
A2	7.61	21.5	
53703 A1	6.02	21.6	
53710 A1	8.22	21.5	
53726 A1	7.46	21.5	
53861 A1	7.49	21.6	
	4/24/12 MB		
CCV	7.01	21.2	TV= 7.00 std. Units

NOTE: For meter calibration, buffer readings should be within 0.05 pH units of the buffer solution value. For analysis, initial and duplicate sample readings should be within 0.1 pH units.

Reviewed By: _____ **Date:** 4/23/12

TESTAMERICA HOUSTON

Flashpoint / Ignitability by Closed or Open Cup

Date/Time: 4/23/12 0915 Analyst: MB Barometric Reading (mm Hg): 763

Thermometer ID: 540 Batch #: 77742

LCS True Value: 81 LCS ID: 570597 (closed cup) (open cup)

Bottle ID	Sample ID	Thermometer Temp. (°F)	Corrected Temp. (°F)	Comment (Note Procedure Used)
	MB	>186		
	LCS	82.0	81.82	
850184	600-53726-A1	210	209.82	D92
849527	600-53685 A1	>212		↓
846133	600-53503 A1	>186		1010
849527	600-53685 A1 DUP	>212		D92
851804	600-53834 A1	>186		1010
	↓ DUP	>186		↓
849932	600-53710 B1	>212		D92
	CCV	82.0	81.82	
		4/23/12		
			MB	

Flashpoint Barometric Pressure Correction Formula:

Corrected Flashpoint = F + 0.06 (760-P)

Where: F = Observed Flashpoint Temperature (°F)

P = Ambient Barometric Pressure (mm Hg)

Reviewed By: _____ Date: 4/23/12

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77652 Batch Start Date: 04/20/12 13:58 Batch Analyst: Tews, Nathan

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00507	WETRCYANID 00016		
MB 600-77652/1		7.3.4, 9012		10 mL	250 mL				
LCS 600-77652/2		7.3.4, 9012		10 mL	250 mL	10 mL	10 mL		
600-53710-A-1	IDW-4	7.3.4, 9012	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77795 Batch Start Date: 04/20/12 14:57 Batch Analyst: Grimm, Brandon D

Batch Method: 9012 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 600-77652/1-A		9012		5 mL	5 mL				
LCS 600-77652/2-A		9012		5 mL	5 mL				
600-53710-A-1-F	IDW-4	9012	T	5 mL	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77652 Batch Start Date: 04/20/12 13:58 Batch Analyst: Tews, Nathan

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SULFTSLCS 00507	WETRCYANID 00016		
MB 600-77652/1		7.3.4, 7.4.4		10 mL	250 mL				
LCS 600-77652/2		7.3.4, 7.4.4		10 mL	250 mL	10 mL	10 mL		
600-53710-A-1	IDW-4	7.3.4, 7.4.4	T	10 g	250 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77665 Batch Start Date: 04/20/12 14:15 Batch Analyst: Walker, Gerald (Gerry) C

Batch Method: 7.4.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 600-77652/1-A		7.4.4		100 mL	100 mL				
LCS 600-77652/2-A		7.4.4		100 mL	100 mL				
600-53710-A-1-F	IDW-4	7.4.4	T	100 mL	100 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77687 Batch Start Date: 04/21/12 15:00 Batch Analyst: Boza, Michael

Batch Method: 9045C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SampleTemp	pHread1	CalcMsg	WETRPH7BUF 00015	
CCV 600-77687/24		9045C		50 mL	21.2 Celsius	7.00 SU	pH = Read 1	50 mL	
LCS 600-77687/25		9045C		50 mL	21.2 Celsius	7.01 SU	pH = Read 1	50 mL	
CCV 600-77687/37		9045C		50 mL	21.2 Celsius	7.01 SU	pH = Read 1	50 mL	
600-53710-A-1	IDW-4	9045C	T	20 mL	21.5 Celsius	8.22 SU	pH = Read 1		
CCV 600-77687/46		9045C		50 mL	21.2 Celsius	7.01 SU	pH = Read 1	50 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77742 Batch Start Date: 04/23/12 09:15 Batch Analyst: Boza, Michael

Batch Method: D92 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	WETRPXYLEN 00005					
LCS 600-77742/2		D92		60 mL					
CCV 600-77742/10		D92		60 mL					

Batch Notes	
Barometric Pressure at Time of Analysis	763
ID number of the thermometer	540

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Houston Job No.: 600-53710-1

SDG No.:

Batch Number: 77568 Batch Start Date: 04/19/12 15:30 Batch Analyst: Daniel, Kevin R

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
600-53710-D-1	IDW-4	Moisture	T	3	1.14 g	20.13 g	16.52 g		

Batch Notes	

Basis	Basis Description
T	Total/NA

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information

Client Contact: Chris Moore
Company: Pastor, Behling and Wheeler
Address: 2201 Double Creek Drive, Suite 4004
City: Round Rock
State, Zip: TX, 78664
Phone: (512) 671-3434
Email: chris.moore@pbwllc.com
Project Name: Exide Frisco Recycling Center Work Plan Implementation
Site: Exide Frisco Recycling Center

Sampler: Chris Moore
Phone: (512) 671-3434
Lab PM:
E-Mail: chris.moore@pbwllc.com
Carrier Tracking No(s):
Due Date Requested:
PO #:
WO #:
Project #: 1732
SSOW#:

COC No:
Page: Page 1 of 1
Job #: 1732

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	TCLP RCRA 8	RCT	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	1									X	X		
DW-4	4/17/12	1300	C	S	X		X									X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☒ Archive For ∞ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment: Fed Ex

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	4/17/12 1530	PBW		4/18/12 956	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

Page 356 of 357

5/3/2012

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-53710-1

Login Number: 53710

List Source: TestAmerica Houston

List Number: 1

Creator: Meeler, Brandi M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

DATA VALIDATION AND USABILITY SUMMARY

FRISCO RECYCLING CENTER
EXIDE TECHNOLOGIES
FRISCO, TEXAS

MARCH 2012 SOIL SAMPLING EVENT
BACKGROUND AND ADDITIONAL SITE SAMPLES

Prepared by:

Quality Assurance Associates (*QAA, L.L.C.*)
1007 Francis Drive
College Station, TX 77840
www.qaallc.com
979-694-7199

June 13, 2012

TABLE OF CONTENTS

1.0 PROJECT OVERVIEW AND SUMMARY 1

2.0 PROCEDURES 2

3.0 DATA VALIDATION RESULTS 3

3.1 PRECISION 3
3.1.1 Laboratory Control Sample Duplicate (LCSD) Precision 3
3.1.2 Matrix Duplicate (MD) and Matrix Spike Duplicate (MSD) Precision 3
3.1.3 Field Duplicate (FD) Precision 3
3.2 ACCURACY 3
3.2.1 Laboratory Control Sample (LCS/LCSD) Accuracy 4
3.2.2 Matrix Spike (MS/MSD) and Post Digestion Spike (PDS) Accuracy 4
3.2.3 Serial Dilution (SD) %Difference 4
3.3 REPRESENTATIVENESS 4
3.3.1 Chain-of-Custody 4
3.3.2 Sample Preservation and Holding Time 5
3.3.3 Blank Contamination 5
3.3.4 Sample Results Evaluation 5
3.4 SENSITIVITY 5
3.4.1 Instrument Performance and Calibration 5
3.4.2 Comparison of Reporting Limits to Decision Criteria 6
3.5 COMPLETENESS 6
3.6 COMPARABILITY 6

4.0 DATA VERIFICATION RESULTS 7

5.0 RECONCILIATION WITH USER REQUIREMENTS 9

5.1 USABILITY OF UNQUALIFIED DATA FOR NONDETECTED RESULTS 9
5.2 USABILITY OF QUALIFIED DATA 9

LIST OF TABLES

Table 1 – Sample Summary
Table 2 – Data Validation Qualifiers (DVQs)
Table 3 – QC Deficiencies and Data Qualification Actions
Table 4 – Qualified Sample Results

ATTACHMENTS

Attachment A – Validator's Checklists
Attachment B – Supplemental Laboratory Submissions

1.0 PROJECT OVERVIEW AND SUMMARY

Quality Assurance Associates (QAA) completed a third party QA/QC data validation of chemical analysis data from the Exide Technologies Frisco Recycling Center in Frisco, Texas. The independent data validation, which included a data verification process and usability determination, was completed in accord with the Quality Assurance Project Plan (revised November 2011), hereinafter called the QAPP, using Level IV data packages and electronic data deliverables (EDD) supplied by the laboratory (TestAmerica-Houston). The data include 17 metals samples, with 7 soil samples from the site and 10 background soil samples, as listed in Table 1. The samples were collected by Pastor, Behling, and Wheeler, LLC (PBW) in March 2012 and the results will be used to define the nature, location, extent, and movement of hazardous wastes and/or hazardous constituents, which are present at or have been released from the site, specifically by comparison of the results to delineation standards and to establish background levels of metals. QAA performed the validation per the procedures specified in section 6.0 of the QAPP using the guidelines presented in the U.S. EPA Contract Laboratory Program *National Functional Guidelines for Inorganic Superfund Data Review* (January 2010), hereinafter called the NFG, and the QC requirements in the analytical methodology used by the laboratory.

The results of the review are summarized in Table 4, which lists all of the qualified sample results. All qualified data is considered useable with limitations as discussed in Section 5.0. Additionally, all unqualified results for non-detects are at or below the delineation standards and thus suitable for demonstrating conformance with standards.

2.0 PROCEDURES

QAA completed the validation by examining the hardcopy packages and EDD produced by the laboratory, which include analysis results, QC reports, and raw data. QAA examined the data for all of the samples for:

- Data Package Completeness,
- Chain-of-Custody Procedures,
- Sample Preservation and Holding Time,
- Instrument Calibration and Performance,
- Calibration Verification,
- Blanks (Laboratory and Field),
- Matrix Spike/Matrix Spike Duplicates (MS/MSD),
- Matrix Duplicates (MD),
- Serial Dilutions (SD),
- Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSD), and
- Field Duplicates

The remaining QC Level IV checks (surrogates, internal standards, and target compound identification) do not apply for the SW846-6010 methodology employed by the laboratory for this event.

Additionally, using the EDD, the validator verified that the reporting limits and detection limits for all of the samples were properly adjusted for sample-specific factors such as dilution, dry-weight correction, and use of a smaller or larger sample aliquot. For three of the 17 samples with one from each laboratory work order, the validator reviewed the raw data and determined that the sample results were correctly calculated and reported.

The validator performed the validation using data validation checklists (Attachment A) and the following QC criteria:

- Laboratory Accuracy – the method-specified recovery control limits of 75-125% for metals with a data rejection limit of 30%
- Laboratory Precision – the method-specified RPD control limit of 20% or an absolute difference control limit of 1x the reporting limit (if either result is less than or equal to 5x the reporting limit) per the NFG

After completing the examination, the validator applied qualifying flags to any data with a QC deficiency. The qualifiers were applied in accord with the NFG and include the expected direction of bias if apparent from the QC outcome. The validator considered each QC deficiency separately and then, for multiple deficiencies, applied the most severe flag. The data validation qualifiers (DVQs) are defined in Table 2. Note that the DVQ replaces all qualifiers applied by the laboratory.

Upon completion of the validation, QAA performed data verification to assess the entire data set for overall trends in data quality and usability. Data quality was examined in terms of precision, accuracy, representativeness, sensitivity, completeness, and comparability. Data usability was then determined considering the intended use, laboratory reporting limits, and QC deficiencies found during validation using the U.S. EPA's Guidance for Data Useability in Risk Assessment, Part A (April 1992).

3.0 DATA VALIDATION RESULTS

The soil samples were analyzed for total metals and synthetic precipitation leaching procedure (SPLP) metals. All of the samples were included in the validation and the outcomes are summarized below.

3.1 PRECISION

QAA evaluated the sampling and analytical precision of the sample results using the relative percent difference (RPD) for the laboratory control sample duplicates (LCSD), the unspiked matrix duplicates (MD) and matrix spike duplicates (MSD), and the field duplicates (FD). LCSD are prepared using a clean sample matrix (reagent water or sand) and provide an indication of the precision of the preparation and analysis technique on a sample free of matrix effects. MD and MSD are prepared by the laboratory using a field sample. They provide an indication of the precision of the preparation and analysis technique on the specific sample matrix. FD are prepared by the sampler in the field and provide an indication of the precision of the sampling technique plus the preparation and analysis technique on the specific sample matrix.

3.1.1 LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) PRECISION

No LCSD were analyzed or required per the analytical methodology for the tests performed during this event.

3.1.2 MATRIX DUPLICATE (MD) AND MATRIX SPIKE DUPLICATE (MSD) PRECISION

The laboratory analyzed an MD and MSD with every analytical batch (maximum 20 samples) and reported RPDs for all target compounds for MD and MSD prepared using a sample from the site. As indicated in Table 1, at least one MD and MSD was prepared using a sample from the site for each test and each investigative media (site soil, background soil).

Some MD and MSD RPDs are above the QC criteria (maximum 20%) and the validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results. Note that, for cases where either result for the duplicate pair is less than 5x the reporting limit, the validator compared the absolute difference between the two results to a control limit of 1x the reporting limit rather than evaluating the RPD per the NFG. Additionally, the validator considered samples of the same media to be of similar matrix (e.g., if deficiencies were noted for a MD or MSD prepared using a background soil sample, all background soil samples in the same analytical batch were qualified).

3.1.3 FIELD DUPLICATE (FD) PRECISION

No FD were collected or required per the QAPP for the media sampled during this event.

3.2 ACCURACY

QAA evaluated the analytical accuracy of the sample results using the results for the laboratory control samples (LCS/LCSD), matrix spikes (MS/MSD) and post-digestion spikes (PDS), and serial dilutions (SD). LCS/LCSD are prepared using a clean sample matrix (reagent water or sand) and provide an indication of the accuracy of the preparation and analysis technique on a sample free of matrix effects. MS/MSD are prepared using a field sample and provide an indication of the accuracy of the preparation and analysis technique on the specific sample matrix. PDS are prepared like MS/MSD except the spike is added after preparation just before analysis rather than before preparation. SD are prepared using a field sample and indicate whether or not matrix interferences are affecting the accuracy of the preparation and analysis technique on the specific sample matrix.

3.2.1 LABORATORY CONTROL SAMPLE (LCS/LCSD) ACCURACY

The laboratory analyzed a LCS with every analytical batch (maximum 20 samples) as required and reported recoveries for all target compounds. No LCSD were analyzed or required for the analytical methodology used for this event. All LCS recoveries are within the QC criteria (75-125% for metals).

3.2.2 MATRIX SPIKE (MS/MSD) AND POST-DIGESTION SPIKE (PDS) ACCURACY

The laboratory analyzed an MS and MSD for every analytical batch (maximum 20 samples) and reported recoveries for all target compounds for MS/MSD prepared using a sample from the site. Additionally, the laboratory analyzed a PDS for every metals analytical batch and reported recoveries for any target metals with a MS/MSD recovery outside the control limits. As indicated in Table 1, at least one MS/MSD was prepared using a sample from the site for each test and each investigative media (site soil, background soil).

Some MS, MSD and/or PDS recoveries are outside the QC criteria (75-125% for metals) and the validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results. Note that if an analyte was detected in the unspiked parent sample at a concentration well above (greater than four times) the concentration of spike added to the sample, thereby rendering the recoveries inconclusive, the check was waived and the validator did not qualify the data. Additionally, the validator considered samples of the same media to be of similar matrix (e.g., if deficiencies were noted for a MS/MSD prepared using a background soil sample, all background soil samples in the same analytical batch were qualified).

3.2.3 SERIAL DILUTION (SD) %DIFFERENCE

For each metals MS/MSD, the laboratory analyzed an SD and reported the %difference for all target metals detected above 50x the method detection limit (MDL) for SD prepared using a sample from the site.

Some SD %differences are above the QC criteria (10%) and the validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results. Note that the validator considered samples of the same media (site soil, background soil) to be of similar matrix (e.g., if deficiencies were noted for a SD prepared using a background soil sample, all background soil samples in the same analytical batch were qualified).

3.3 REPRESENTATIVENESS

QAA evaluated representativeness of the sample results by examining the custody procedures, calculating holding times, examining blanks for evidence of contamination, and examining sample results for outliers or suspect values.

3.3.1 CHAIN-OF-CUSTODY

All samples were delivered to the laboratory by an overnight, commercial carrier within two days of collection with properly executed chain-of-custody records, which confirms that sample integrity was maintained. The validator noted a few minor inconsistencies between the information on the custody records and that assigned by the laboratory. However, all issues were resolved and/or do not affect the integrity of the investigative samples. Details are listed in the validator's checklists included as Attachment A.

3.3.2 SAMPLE PRESERVATION AND HOLDING TIME

All samples were properly preserved and analyzed within the holding times listed in Table 5-1 of the QAPP, which confirms that sample results are not affected by sample degradation, except as follows:

- The samples in work order 600-52864 and 600-52867 were received at 9.0 C.

The samples were analyzed for total arsenic, cadmium, and lead, which require preservation at 4±2 C per Table 3 in the QAPP. However, no preservation is required for metals in solid samples per the analytical method and thus analyte degradation is not suspected and the sample results were not qualified.

3.3.3 BLANK CONTAMINATION

The laboratory analyzed a preparation blank for every analytical batch (maximum 20 samples) and a calibration blank for every 10 metals analyses. Additionally, the QAPP requires one equipment rinsate blank per day of soil sample collection, which requires re-usable equipment. However, no equipment rinsate blanks were collected with the 17 soil samples for this event.

One detect is reported in the laboratory QC blanks and the validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results. Note that the validator calculated a blank equivalent concentration taking into account the sample weight, moisture content, and dilution factor for each sample when determining if the contamination in the blank is near that in the sample, and thus if data quality is affected for that sample.

3.3.4 SAMPLE RESULTS EVALUATION

As previously noted, no field duplicate results are available for comparison. For samples with total metals and SPLP metals, the validator examined the results to determine the maximum possible leachate concentration and found no apparent outliers.

3.4 SENSITIVITY

QAA evaluated sensitivity by examining the instrument performance and the sample reporting limits as compared to decision criteria.

3.4.1 INSTRUMENT PERFORMANCE AND CALIBRATION

The laboratory calibrated each instrument and analyzed a calibration verification standard at the beginning of every analytical shift and for every 10 metals analyses. Recoveries for all calibration verification standards are within the QC criteria (70-130%), which indicates the instruments were properly calibrated and stable throughout the analytical shift.

The laboratory also analyzed quarterly low-level detectability check standards (DCS).The DCS confirm the reasonableness of the laboratory method detection limits (MDLs) (i.e., they indicate that the analyte is recoverable at a spike level within about 3x the MDL) for all investigative samples.

3.4.2 COMPARISON OF REPORTING LIMITS TO DECISION CRITERIA

The laboratory reported non-detects at the sample detection limit (SDL), which is the method detection limit (MDL) adjusted for sample-specific actions such as dilution, dry-weight correction, or use of a smaller sample aliquot. Detects above the SDL but below the SQL, which is the method quantitation limit (MQL) adjusted for sample-specific actions, are reported as laboratory J values. All of the SDLs for non-detects are at or below the delineations standards for this event.

3.5 COMPLETENESS

QAA evaluated completeness by examining the laboratory data packages and by determining the amount of valid data obtained for the samples.

The Level IV data packages contain all necessary information, or the information was provided upon request as follows:

- For work orders 600-52584-1 and 600-52864-1, the original packages do not include the post digestion spike (PDS) results, serial dilution (SD) results, and/or raw data for one or more metals analytical shifts. The laboratory added the necessary data and submitted revised reports.
- For the same two work orders, the packages do not include the bench logs for the synthetic precipitation leaching procedure. The laboratory provided these pages separately and they are included in Attachment B.

QAA evaluated field completeness by comparing the total number of tests performed with the total number of tests planned for investigative samples. All planned investigative samples were collected and analyzed for the requested tests, giving a field completeness of 100%. The typical goal is 90%. (The QAPP does not include completeness goals.)

QAA evaluated laboratory completeness by comparing the total number of valid analytical results with the total number of results reported for investigative samples. The validator did not reject any results, giving a laboratory completeness of 100%. The typical goal is 90%. (The QAPP does not include completeness goals.)

3.6 COMPARABILITY

Samples were analyzed using standard EPA protocols as shown in Table 1. The methodologies employed by the laboratory are specified for use in the QAPP and provide definitive, quantitative data. The hardcopy sample results are reported with the sample detection limit (SDL) and the method quantitation limit (MQL). The EDD includes the SDL (under the Low Limit column) and the sample quantitation limit (SQL, under the High Limit column). A detection limit corresponds to the lowest concentration at which a target analyte can be positively identified but not necessarily accurately measured and is statistically determined by the laboratory. A quantitation limit reflects the lowest concentration at which a target analyte can be both positively identified and accurately measured. The SDLs and SQLs reported by the laboratory are adjusted for sample-specific actions such as dilution or use of a smaller aliquot size and include dry-weight correction for all solid samples. Results for the total metals soil samples are reported in mg/kg and results for the SPLP samples are reported in mg/L. Non-detects are reported as less than the SDL and detects between the SDL and SQL are reported with a laboratory J flag. Since these detects are below the calibration range, the validator qualified each as estimated with an unknown bias (J).

The analytical results were reviewed and are classified as Level IV data. The analytical results are considered comparable to other results similarly generated.

4.0 DATA VERIFICATION RESULTS

Upon completion of the validation, data verification was completed to summarize overall trends in data quality as follows:

1. Precision is the degree of mutual agreement among individual measurements of the same property, usually under prescribed similar conditions, without assumption of any prior information as to the true result. Precision is measured through the analysis of replicate or duplicate samples and calculation of the relative percent difference (RPD) between the results. The validator assessed precision using the laboratory duplicates. The laboratory prepared at least one MD and MSD using a sample from the site for each test and each investigative media. The RPDs for these laboratory duplicates are within the limits, which indicates good precision for the analytical method on the specific sample matrix, or the validator qualified the results for similar samples in the same analytical batch as the duplicate. Of the 50 results, 30 results (all of which are for total metals in soil) are qualified as estimated (J) based on laboratory duplicate precision.

2. Accuracy is the degree of agreement of a measurement with an accepted reference or true value. Accuracy is measured through the analysis of reference samples or the introduction of reference materials (spikes) to field samples and calculation of the percent recovery of the known value. The validator assessed accuracy using the laboratory spikes and matrix spikes. The laboratory prepared a laboratory control sample (LCS) using reagent water or sand with each analytical batch and reported the recoveries for all target compounds. All LCS recoveries are within the limits, which indicates good accuracy for the analytical method on a sample free of matrix effects. Additionally, the laboratory prepared at least one matrix spike using a sample from the site for each test and each investigative media and also prepared several post digestion spikes (PDS) and serial dilutions (SD) for the metals analyses. The MS/MSD and PDS recoveries are within the laboratory limits, which indicates good accuracy for the analytical method on the specific sample matrix, or the validator qualified the results for similar samples in the same analytical batch as the MS/MSD. Likewise, the SD %differences are within the laboratory limits, which indicates there is no matrix interference affecting the accuracy of the results, or the validator qualified the results for similar samples in the same analytical batch as the SD. None of the results are qualified as rejected due to extremely poor accuracy. Of the 50 results, 20 results (all of which are for total metals in soil) are qualified as estimated based on matrix spike, post digestion spike, and/or serial dilution results.

3. Representativeness expresses the degree to which sample data accurately and precisely represent environmental conditions and parameter variations at a sampling location. Representativeness is a qualitative parameter most concerned with the proper design of the sampling program and is also ensured by using the proper analytical procedures. The validator assessed representativeness by examining custody procedures, sample preservation and holding times, the laboratory blanks, and comparable sample results. Sample preservation and holding times met the method requirements, which indicates the results are not affected by sample degradation. The laboratory prepared a method blank with each analytical batch and analyzed calibration blanks throughout each analytical shift. The laboratory blanks show no contamination, which indicates the samples were not affected by laboratory procedures, or the validator qualified the samples associated with the blank that have a concentration similar to that in the blank. This resulted in the qualification of two detects below the reporting limit (i.e., laboratory J values) for cadmium as not detected substantially above the blank concentration (U). No field duplicates were required or collected for this event. A comparison of total metals versus SPLP metals results do not show any apparent outliers.

4. Sensitivity (S) is the capability of a method or instrument to discriminate between measurement responses representing different levels of the parameter of interest. Sensitivity is expressed in terms of the laboratory detection

limits (which are a measure of the concentration an instrument can detect or 'see' in a sample) and the laboratory reporting limits or quantitation limits (which are a measure of the concentration an instrument can accurately measure in a sample). The laboratory method detection limits (MDLs) are confirmed reasonable by detectability check standards (DCS). For all non-detects, the sample detection limits (SDLs) are at or below the decision criteria (i.e., the delineation standards for the site). Additionally, proper analytical procedures were used and calibration results met the method requirements.

5. Completeness (C) is the amount of valid data obtained from a measurement system compared to the amount that was expected and required to meet the project data goals. QAA calculated field completeness at 100% and laboratory completeness at 100%.

6. Comparability (C) is an expression of the confidence with which one data set can be compared to another. The samples were analyzed using standard EPA protocols as specified in the QAPP. The analytical results were reviewed and are classified as Level IV data and are considered comparable to other results similarly generated. Note that results are reported in mg/kg with dry-weight correction for total metals in soils and in mg/L for SPLP metals.

5.0 RECONCILIATION WITH USER REQUIREMENTS

Samples results will be used to define the nature, location, extent, and movement of hazardous wastes and/or hazardous constituents, which are present at or have been released from the site, specifically by comparison of the results to delineation standards and to establish background levels for metals.

5.1 USABILITY OF UNQUALIFIED DATA FOR NONDETECTED RESULTS

The laboratory reported non-detects at the sample detection limit (SDL), which is the method detection limit (MDL) adjusted for sample-specific actions such as dilution, dry-weight correction, or use of a smaller sample aliquot. The MDLs are confirmed reasonable by the analysis of detectability check standards (DCS) and the SDLs for all nondetected results are at or below the decision criteria (i.e., the delineation standards for the site).

5.2 USABILITY OF QUALIFIED DATA

Table 4 shows the qualified data for all samples. No results are qualified as rejected (R) and thus all data is suitable for the intended use. Some results are qualified as not substantially above the blank concentration (U) or as estimated (J or UJ) with a low, high, or indeterminate bias.

Analytes that were not detected substantially above the blank concentration (U) should be considered not present at the reporting limit or SQL. Thus, the reported concentration is replaced with the SQL. Table 4 includes the SQL under the 'Adjusted Result' column for U-flagged results.

For data that are estimated, results that are considered biased low (J-) can be used for determining the presence of the analyte and as an indication that the concentration of the analyte exceeds a given criterion. However, the concentration reported may be low. Results that are biased high (J+) can be used for determining the presence of the analyte and as an indication that the concentration of the analyte is less than a given criterion. However, the concentration reported may be high. Similarly, results with an indeterminate bias may be either low or high. Note that none of the SPLP metals data is qualified as estimated and that the site soil samples that are qualified as estimated are above the delineation standard and exceed the standard by a factor of two or more.

TABLE 1
EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER
MARCH 2012 SOIL SAMPLING EVENT

SAMPLE SUMMARY

Lab ID	Client ID	Matrix	Media	Type	Collection Date	Receive Date	QC Batch[1]				
							Total Arsenic	Total Cadmium	Total Lead	SPLP Cadmium	SPLP Lead
600-52584-1	2012-BSA-3A(0-2)	Solid	Site Soil	INV	3/23/12	3/24/12	NA	600-75633	NA	600-75853	NA
600-52584-1	2012-BSA-3A(0-2)	Solid	Site Soil	MD	3/23/12	3/24/12	NA	600-75633	NA	600-75853	NA
600-52584-1	2012-BSA-3A(0-2)	Solid	Site Soil	MS	3/23/12	3/24/12	NA	600-75633	NA	600-75853	NA
600-52584-1	2012-BSA-3A(0-2)	Solid	Site Soil	MSD	3/23/12	3/24/12	NA	600-75633	NA	600-75853	NA
600-52584-2	2012-BSA-1A(0-2)	Solid	Site Soil	INV	3/23/12	3/24/12	NA	NA	600-75633	NA	NA
600-52864-1	2012-BSA-4a (0-1')	Solid	Site Soil	INV	3/29/12	3/30/12	NA	600-76199	600-76199	600-76437	600-76437
600-52864-1	2012-BSA-4a (0-1')	Solid	Site Soil	MD	3/29/12	3/30/12	NA	NA	NA	600-76437	600-76437
600-52864-1	2012-BSA-4a (0-1')	Solid	Site Soil	MS	3/29/12	3/30/12	NA	NA	NA	600-76437	600-76437
600-52864-1	2012-BSA-4a (0-1')	Solid	Site Soil	MSD	3/29/12	3/30/12	NA	NA	NA	600-76437	600-76437
600-52864-2	2012-BSA-4b (0-1')	Solid	Site Soil	INV	3/29/12	3/30/12	NA	600-76199	600-76199	NA	NA
600-52864-2	2012-BSA-4b (0-1')	Solid	Site Soil	MD	3/29/12	3/30/12	NA	600-76199	600-76199	NA	NA
600-52864-2	2012-BSA-4b (0-1')	Solid	Site Soil	MS	3/29/12	3/30/12	NA	600-76199	600-76199	NA	NA
600-52864-2	2012-BSA-4b (0-1')	Solid	Site Soil	MSD	3/29/12	3/30/12	NA	600-76199	600-76199	NA	NA
600-52864-3	2012-BSA-4c (0-1')	Solid	Site Soil	INV	3/29/12	3/30/12	NA	600-76199	600-76199	600-76437	600-76437
600-52864-4	2012-BSA-4d (0-1')	Solid	Site Soil	INV	3/29/12	3/30/12	NA	600-76199	600-76199	600-76437	600-76437
600-52864-5	2012-BSA-4e (0-1')	Solid	Site Soil	INV	3/29/12	3/30/12	NA	600-76199	600-76199	NA	600-76906
600-52864-5	2012-BSA-4e (0-1')	Solid	Site Soil	MD	3/29/12	3/30/12	NA	NA	NA	NA	600-76906
600-52864-5	2012-BSA-4e (0-1')	Solid	Site Soil	MS	3/29/12	3/30/12	NA	NA	NA	NA	600-76906
600-52864-5	2012-BSA-4e (0-1')	Solid	Site Soil	MSD	3/29/12	3/30/12	NA	NA	NA	NA	600-76906
600-52867-1	2012-BG-1	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-2	2012-BG-2	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA

Lab ID	Client ID	Matrix	Media	Type	Collection Date	Receive Date	QC Batch[1]				
							Total Arsenic	Total Cadmium	Total Lead	SPLP Cadmium	SPLP Lead
600-52867-3	2012-BG-3	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-4	2012-BG-7	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-5	2012-BG-9	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-6	2012-BG-5	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-7	2012-BG-4	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-8	2012-BG-6	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-9	2012-BG-10	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-10	2012-BG-8	Solid	Background Soil	INV	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-10	2012-BG-8	Solid	Background Soil	MD	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-10	2012-BG-8	Solid	Background Soil	MS	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA
600-52867-10	2012-BG-8	Solid	Background Soil	MSD	3/29/12	3/30/12	600-76449	600-76449	600-76449	NA	NA

INV - Investigative Sample
NA – Not Analyzed

(1) The following analytical methods were used:

- Total Metals (As, Cd, Pb): SW-846 3050B/6010B
- SPLP Metals (Cd, Pb): SW-846 1312/3010A/6010B

TABLE 2
EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER
MARCH 2012 SOIL SAMPLING EVENT

DATA VALIDATION QUALIFIERS (DVQs)

The DVQ replaces all flags applied by the laboratory.

J = Estimated. The analyte was positively identified; however, the reported sample concentration is approximate due to exceedance of one or more QC requirements. Directional bias cannot be determined

J- = Estimated low. The analyte was positively identified; however, the reported sample concentration is approximate due to exceedance of one or more QC requirements. The actual value is expected to be lower.

J+ = Estimated high. The analyte was positively identified; however, the reported sample concentration is approximate due to exceedance of one or more QC requirements. The actual value is expected to be higher.

UJ = Estimated. The analyte was not detected above the reporting limit; however, the reporting limit is approximate due to exceedance of one or more QC requirements.

U = Blank contamination. The analyte was not detected substantially above the level reported in an associated laboratory and/or field blanks.

R = Rejected. The sample result is rejected due to serious QC deficiencies that make it impossible to verify the presence or absence of the analyte.

NOTE: For multiple deficiencies, the reviewer applied the most severe flag. (R>U>J>J-/J+ and R>UJ)

TABLE 3
EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER
MARCH 2012 SOIL SAMPLING EVENT

QC DEFICIENCIES AND DATA QUALIFICATION ACTIONS

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
MATRIX DUPLICATE (MD) PRECISION														
600-52864-1	2012-BSA-4a (0-1')	MD	Solid	Total/NA	Moisture			600-76163		04/01/20 12 16:34	Percent Moisture		Poor MD precision (48 RPD)	None (flagging based on analyte RPD)
600-52864-2	2012-BSA-4b (0-1')	MD	Solid	Total/NA	3050B	6010B	600-76199	600-76214	04/02/20 12 11:53	04/02/20 12 16:43	Cadmium	F	Poor MD precision (83 RPD)	J/UJ to detects/NDs for similar samples (all BSA soils) digested in this batch
600-52864-2	2012-BSA-4b (0-1')	MD	Solid	Total/NA	3050B	6010B	600-76199	600-76214	04/02/20 12 11:53	04/02/20 12 16:43	Lead	F	Poor MD precision (94 RPD)	J/UJ to detects/NDs for similar samples (all BSA soils) digested in this batch
600-52867-10	2012-BG-8	MD	Solid	Total/NA	3050B	6010B	600-76449	600-76526	04/04/20 12 14:49	04/05/20 12 10:13	Cadmium	F	Poor MD precision (difference > +/- 1xRL)	J/UJ to detects/NDs for similar samples (all BG soils) digested in this batch
600-52867-10	2012-BG-8	MD	Solid	Total/NA	3050B	6010B	600-76449	600-76526	04/04/20 12 14:49	04/05/20 12 10:13	Lead	F	Poor MD precision (90 RPD)	J/UJ to detects/NDs for similar samples (all BG soils) digested in this batch
MATRIX SPIKE DUPLICATE (MSD) PRECISION														
600-52864-2	2012-BSA-4b (0-1')	MSD	Solid	Total/NA	3050B	6010B	600-76199	600-76214	04/02/20 12 11:53	04/02/20 12 16:59	Lead	4 N	Poor MSD precision (32 RPD)	J/UJ to detects/NDs for similar samples (all BSA soils) digested in this batch
MATRIX SPIKE (MS/MSD) AND POST-DIGESTION SPIKE (PDS) ACCURACY														
600-52584-1	2012-BSA-3A(0-2)	MS	Solid	Total/NA	3050B	6010B	600-75633	600-75753	03/26/20 12 13:13	03/27/20 12 15:37	Cadmium	4	Extremely low MS recovery (-532%), PDS (NC), SD passes at 7.3%	None (check waived because unspiked sample conc > 4x spike added)
600-52584-1	2012-BSA-3A(0-2)	MSD	Solid	Total/NA	3050B	6010B	600-75633	600-75753	03/26/20 12 13:13	03/27/20 12 15:39	Cadmium	4	Extremely low MSD recovery (-916%), PDS (NC), SD passes at 4.1%	None (check waived because unspiked sample conc > 4x spike added)

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
600-52864-2	2012-BSA-4b (0-1')	MS	Solid	Total/NA	3050B	6010B	600-76199	600-76214	04/02/2012 11:53	04/02/2012 16:47	Lead	4	High MS recovery (1188%), PDS passes at 86%	None (check waived because unspiked sample conc > 4x spike added)
600-52864-2	2012-BSA-4b (0-1')	MSD	Solid	Total/NA	3050B	6010B	600-76199	600-76214	04/02/2012 11:53	04/02/2012 16:59	Lead	4 N	High MSD recovery (1840%), PDS passes at 86%	None (check waived because unspiked sample conc > 4x spike added)
600-52864-2	2012-BSA-4b (0-1')	PDS	Solid	Total/NA	3050B	6010B	600-76199	600-76214	04/02/2012 11:53	04/02/2012	Cadmium	4 N	Low PDS recovery (73%)	None (MS/MSD recoveries pass at 92% and 102%)
600-52867-10	2012-BG-8	MS	Solid	Total/NA	3050B	6010B	600-76449	600-76526	04/04/2012 14:49	04/05/2012 10:16	Lead	N	High MS recovery (226%), PDS passes at 79%	J to detects for similar samples (all BG soils) digested in this batch
600-52867-10	2012-BG-8	MSD	Solid	Total/NA	3050B	6010B	600-76449	600-76526	04/04/2012 14:49	04/05/2012 10:28	Lead	N	High MSD recovery (206%), PDS passes at 79%	J to detects for similar samples (all BG soils) digested in this batch
SERIAL DILUTION (SD) %DIFFERENCE														
600-52864-2	2012-BSA-4b (0-1')	SD	Solid	Total/NA	3050B	6010B	600-76199	600-76214	04/02/2012 11:53	04/02/2012	Cadmium	4 N	SD indicates matrix interference (33 %D)	J/UJ to detects/NDs for similar samples (all BSA soils) digested in this batch
600-52864-2	2012-BSA-4b (0-1')	SD	Solid	Total/NA	3050B	6010B	600-76199	600-76214	04/02/2012 11:53	04/02/2012	Lead	4 N	SD indicates matrix interference (31 %D)	J/UJ to detects/NDs for similar samples (all BSA soils) digested in this batch
600-52867-10	2012-BG-8	SD	Solid	Total/NA	3050B	6010B	600-76449	600-76526	04/04/2012 14:49	04/05/2012 11:03	Lead	F	SD indicates matrix interference (21 %D)	J/UJ to detects/NDs for similar samples (all BG soils) digested in this batch
LABORATORY BLANK CONTAMINATION														
LB 600-76425/1-B		LB	Solid	SPLP West	3010A	6010B	600-76437	600-76509	04/04/2012 11:55	04/05/2012 09:33	Cadmium	J	Laboratory blank contamination (0.000400 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for samples digested in the same batch

TABLE 4
EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER
MARCH 2012 SOIL SAMPLING EVENT

QUALIFIED SAMPLE RESULTS

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-52864-1	2012-BSA-4a (0-1')	Solid	Total/ NA	6010B	Cadmium	9.80		0.0301	0.293	1.5	mg/Kg	J	none	Poor MD precision (83 RPD); SD indicates matrix interference (33 %D)
600-52864-1	2012-BSA-4a (0-1')	Solid	Total/ NA	6010B	Lead	1510		0.123	0.587	3	mg/Kg	J	none	Poor MSD precision (32 RPD); Poor MD precision (94 RPD); SD indicates matrix interference (31 %D)
600-52864-1	2012-BSA-4a (0-1')	Solid	SPLP West	6010B	Cadmium	0.00180	J b	0.000350	0.00500	0.005	mg/L	U	0.00500	Laboratory blank contamination (0.000400 J mg/L)
600-52864-2	2012-BSA-4b (0-1')	Solid	Total/ NA	6010B	Cadmium	3.26		0.0400	0.390	1.5	mg/Kg	J	none	Poor MD precision (83 RPD); SD indicates matrix interference (33 %D)
600-52864-2	2012-BSA-4b (0-1')	Solid	Total/ NA	6010B	Lead	344		0.163	0.779	3	mg/Kg	J	none	Poor MSD precision (32 RPD); Poor MD precision (94 RPD); SD indicates matrix interference (31 %D)
600-52864-3	2012-BSA-4c (0-1')	Solid	Total/ NA	6010B	Cadmium	16.8		0.0417	0.407	1.5	mg/Kg	J	none	Poor MD precision (83 RPD); SD indicates matrix interference (33 %D)
600-52864-3	2012-BSA-4c (0-1')	Solid	Total/ NA	6010B	Lead	2730		0.171	0.814	3	mg/Kg	J	none	Poor MSD precision (32 RPD); Poor MD precision (94 RPD); SD indicates matrix interference (31 %D)
600-52864-3	2012-BSA-4c (0-1')	Solid	SPLP West	6010B	Cadmium	0.00410	J b	0.000350	0.00500	0.005	mg/L	U	0.00500	Laboratory blank contamination (0.000400 J mg/L)
600-52864-4	2012-BSA-4d (0-1')	Solid	Total/ NA	6010B	Cadmium	16.9		0.0377	0.368	1.5	mg/Kg	J	none	Poor MD precision (83 RPD); SD indicates matrix interference (33 %D)
600-52864-4	2012-BSA-4d (0-1')	Solid	Total/ NA	6010B	Lead	3000		0.154	0.736	3	mg/Kg	J	none	Poor MSD precision (32 RPD); Poor MD precision (94 RPD); SD indicates matrix interference (31 %D)
600-52864-5	2012-BSA-4e (0-1')	Solid	Total/ NA	6010B	Cadmium	6.18		0.0340	0.331	1.5	mg/Kg	J	none	Poor MD precision (83 RPD); SD indicates matrix interference (33 %D)
600-52864-5	2012-BSA-4e (0-1')	Solid	Total/ NA	6010B	Lead	634		0.139	0.662	3	mg/Kg	J	none	Poor MSD precision (32 RPD); Poor MD precision (94 RPD); SD indicates matrix interference (31 %D)
600-52867-1	2012-BG-1	Solid	Total/ NA	6010B	Cadmium	0.0313	U	0.0313	0.305	NA	mg/Kg	UJ	none	Poor MD precision (difference > +/- 1xRL)
600-52867-1	2012-BG-1	Solid	Total/ NA	6010B	Lead	13.2		0.128	0.611	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)
600-52867-2	2012-BG-2	Solid	Total/ NA	6010B	Cadmium	0.0287	U	0.0287	0.280	NA	mg/Kg	UJ	none	Poor MD precision (difference > +/- 1xRL)

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-52867-2	2012-BG-2	Solid	Total/ NA	6010B	Lead	13.0		0.117	0.560	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)
600-52867-3	2012-BG-3	Solid	Total/ NA	6010B	Cadmium	0.0301	U	0.0301	0.294	NA	mg/Kg	UJ	none	Poor MD precision (difference > +/- 1xRL)
600-52867-3	2012-BG-3	Solid	Total/ NA	6010B	Lead	11.5		0.123	0.588	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)
600-52867-4	2012-BG-7	Solid	Total/ NA	6010B	Cadmium	0.0310	U	0.0310	0.302	NA	mg/Kg	UJ	none	Poor MD precision (difference > +/- 1xRL)
600-52867-4	2012-BG-7	Solid	Total/ NA	6010B	Lead	14.1		0.127	0.604	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)
600-52867-5	2012-BG-9	Solid	Total/ NA	6010B	Cadmium	8.09		0.0318	0.310	NA	mg/Kg	J	none	Poor MD precision (difference > +/- 1xRL)
600-52867-5	2012-BG-9	Solid	Total/ NA	6010B	Lead	302		0.130	0.620	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)
600-52867-6	2012-BG-5	Solid	Total/ NA	6010B	Cadmium	0.0310	U	0.0310	0.302	NA	mg/Kg	UJ	none	Poor MD precision (difference > +/- 1xRL)
600-52867-6	2012-BG-5	Solid	Total/ NA	6010B	Lead	13.5		0.127	0.604	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)
600-52867-7	2012-BG-4	Solid	Total/ NA	6010B	Cadmium	0.0315	U	0.0315	0.307	NA	mg/Kg	UJ	none	Poor MD precision (difference > +/- 1xRL)
600-52867-7	2012-BG-4	Solid	Total/ NA	6010B	Lead	15.7		0.129	0.614	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)
600-52867-8	2012-BG-6	Solid	Total/ NA	6010B	Cadmium	0.0314	U	0.0314	0.306	NA	mg/Kg	UJ	none	Poor MD precision (difference > +/- 1xRL)
600-52867-8	2012-BG-6	Solid	Total/ NA	6010B	Lead	14.3		0.128	0.612	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)
600-52867-9	2012-BG-10	Solid	Total/ NA	6010B	Cadmium	0.615		0.0311	0.303	NA	mg/Kg	J	none	Poor MD precision (difference > +/- 1xRL)
600-52867-9	2012-BG-10	Solid	Total/ NA	6010B	Lead	67.6		0.127	0.607	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)
600-52867-10	2012-BG-8	Solid	Total/ NA	6010B	Cadmium	0.122	J	0.0316	0.308	NA	mg/Kg	J	none	Poor MD precision (difference > +/- 1xRL); Result is between SDL and SQL

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-52867-10	2012-BG-8	Solid	Total/ NA	6010B	Lead	24.0		0.129	0.615	NA	mg/Kg	J	none	High MS recovery (226%), High MSD recovery (206%), PDS passes at 79%; Poor MD precision (90 RPD); SD indicates matrix interference (21%D)

ATTACHMENT A
VALIDATOR'S CHECKLISTS

Data Validation Checklist - General

Client Name: PBW	Project Number/ Manager: 1755/Eric Pastor
Site Name: Exide	QC Level: IV
Laboratory: TestAmerica (Houston)	Laboratory Job No: 600-52584-1, 600-52864-1, 600-52867-1
Reviewer: Taryn Scholz	Date Checked: 5/8/12
Parameters: As/Cd/Pb - SPLP and Total	Methods: SW1312&3010A/ SW3050B/ SW6010B

ITEM	YES	NO	N/A	CRITERIA
Laboratory NELAP accredited?	x			
Signed Narrative included?	x			
No analytical discrepancies noted in narrative?		x		see Narrative Comments
Chain of Custody (COC)/ Sample Receipt				
Date/time of sample collection included?	x			
Sample temp upon receipt 2-6 C?		x		see comment no. 1
Proper containers/preservation?	x			
COCs properly executed and seals used?	x			some minor discrepancies, see comment no. 2
Samples received within 2 days?	x			
No. of samples analyzed agrees with work plan?			x	(Sampling and Analysis Work Plan, Rev Nov 2011) see comment no. 3
Analytical Results				
Field, Laboratory, and Batch ID included?	x			
Date of sample collection/receipt included?	x			
Date of sample preparation/analysis included?	x			
NDs at DL or QL and J-values as needed?	x			NDs at SDL and J-values reported; SDL,MQL (Adj) included in HC and EDD (called MDL and MQL in EDD)
Target analyte list complete?			x	see comment no. 3
RLs acceptable?	x			SDL <= Delineation Std for NDs
MDLs reasonable per DCS?	x			DCS spike within approx 3x MDL and within 3 mos
No sample dilutions required?		x		dilutions only for detects
Prep/Analysis method references included?	x			
Sample matrix included?	x			
Sample result units reported correctly?	x			mg/kg for soils and mg/L for SPLP
Soils/sediments on dry weight?	x			
Holding time to analysis not expired?	x			
Holding time to preparation not expired?	x			
QC Samples				
Lab QC frequency met?	x			1 MB/LCS per 20
Field duplicate frequency met?			x	1/20 for SW, GW
Equipment blank frequency met?		x		1/day/reusable eq type - see comment no. 4
Field blank frequency met?			x	1/day/eq type for VOC (i.e., TPH)
Trip blank frequency met?			x	1/cooler w VOC (i.e., TPH)
MS/MSD or MS/DUP frequency met?	x			1/20 for SW, Sed, GW - also done for soils
Completeness criteria met?	x			
Field Notes				
Agree with custody records?			x	not included
Field instruments calibrated daily?			x	
Well conditions constant before sampling?			x	
Samples filtered? If so, give turbid/size			x	

Definitions: AA - Atomic Absorption; CCV - Continuing Calibration Verification; COI - Compound of Interest; %D - Percent Difference, DL - Detection Limit; DUP - Duplicate; FDUP - Field Duplicate; ICP - Inductively Coupled Plasma; ICV - Initial Calibration Verification; IDL - Instrument Detection Limit; LCS - Laboratory Control Sample; MDL - Method Detection Limit; MS/MSD - Matrix Spike/Matrix Spike Duplicate; QL - Quantitation Limit; %R - Percent Recovery; RL - Reporting Limit; RPD - Relative Percent Difference; RRF - Relative Response Factor; RT - Retention Time; RSD - Relative Standard Deviation; TA - Target Analyte

COMMENTS

Comment no. 1

The samples in work order 600-52864 and 600-52867 were received at 9.0 C. The samples were analyzed for total arsenic, cadmium, and lead, which requires preservation at 4±2 C per Table 3 in the QAPP. However, no preservation is required for metals in solid samples per the analytical method and thus analyte degradation is not suspected and the sample results were not qualified.

Comment no. 2
For sample 600-52584-2, SPLP-lead is requested on the chain-of-custody but results are not reported. This test was canceled based on the total lead result.
SPLP-cadmium was added for samples 600-52864-1,3,4 and SPLP-lead was added for samples 600-52864-1,3,4,5 based on the total metals results.
For samples in work order 600-52867, arsenic is not requested on the chain-of-custody but is reported per the client's request
For sample 600-52867-10, the sampler entered a field ID of 2012-BG-10 on the custody record. The laboratory assigned the correct ID of 2012-BG-8 upon receipt per the sample labels and sampler's instructions.
Comment no. 3
All samples for this event are additional samples not delineated in the work plan - 10 background samples for As/Cd/Pb, 1 sample at BSA-1, 1 sample at BSA-3, and 5 samples at BSA-4 for total/SPLP metals determination determination.
Comment no. 4
No equipment blanks collected with the additional samples for this event

Lab Job No.	Method	Batch/Sample	Narrative Comment	Validator Action
600-52584-1	6010B	-1 MS/D	%R out for Cd but background result > 4x spk added, LCS passes	none - check waived
		-1	SDL for Cd elev due to analyte > linear range	NA, result is detect
		-1 PDS	%R not calculated due to background result > 4x spk added, SD confirms MI (actually passes)	NA
		SPLP	extant sample for PDS/SD	NA
600-52864-1	6010B	76425	Cd >MDL but < MQL in leachate blank, appropriate flags applied	flagged per NFG
		-2 MS/D	%R out for Pb but background result > 4x spk added, LCS passes	none - check waived
		-2 MSD	RPD for Pb above limit due to nonhomogen nature	flagged per NFG
		-2 MD	RPD for Cd, Pb above limit due to nonhomogen nature	flagged per NFG
		-2 PDS	%R for Cd low due to MI	none - MS/MSD passes
		-2 SD	%D for Cd,Pb above limit due to MI	flagged per NFG
		all	sx received at 9.0 C	none - cooling not req'd per method
600-52867-1	6010B	all	sx received at 9.0 C	none - cooling not req'd per method
		-10 MS/D	%R for Pb above limit due to MI, LCS passes	flagged per NFG
		-1 MD	RPD for Cd, Pb above limit due to nonhomogen nature	flagged per NFG
		-1 SD	%D for Pb above limit due to MI	flagged per NFG

Data Validation Checklist: Metals

Client Name: PBW			Project Number/ Manager: 1755/Eric Pastor		
Site Name: Exide			QC Level: IV		
Laboratory: TestAmerica (Houston)			Laboratory Job No: 600-52584-1, 600-52864-1, 600-52867-1		
Reviewer: Taryn Scholz			Date Checked: 5/8/12		
Parameters: As/Cd/Pb - SPLP and Total			Methods: SW1312&3010A/ SW3050B/ SW6010B		
	%PERFORMED/ ITEM	**YES**	**NO**	**N/A**	**CRITERIA**
	Method blank data included in Lab Package?	x			
	Criteria met? (< MDL, ≥ -RL)		x		
100	Criteria met for field blanks? (< MDL)			x	
	QC check samples/LCS data included in lab package?	x			
	All project COCs or TAs included?	x			
100	%R criteria met? (individual and overall)	x			method (75-125%)
	Matrix spike data included in lab package?	x			
100	%R criteria met? (individual and overall)		x		method (75-125%)
	Sample duplicate data included in lab package?	x			
100	RPD criteria met?		x		method (20%), NFG (+/-RL if either ≤5RL)
100	Field dup RPD criteria met? (individual, mean, and overall)			x	20% aq, 35% solid (+/-2RL aq, +/-3RL sol if either ≤5RL)
	Instrument Tune for ICP-MS included in lab package?			x	
NA	Instrument Tune method criteria met? (±5 RSD, ±0.1 amu)			x	
	Initial calibration documentation included in lab package?	x			
	All target analytes included?	x			
	blank/1 std (ICP), blank/ 5 stds (Hg)	x			
100	Corr coeff (r) criteria met? (≥0.995)			x	
	Calibration verification data included in lab package?	x			
	ICB/CCB criteria met? (<MDL, ≥-RL)	x			
	ICV %R criteria met? (ICP 90-110%, Hg 80-120%)	x			
	CCV %R criteria met? (ICP 90-110%, Hg 80-120%)	x			
100	LLCCV %R criteria met? (70-130%)	x			reported for instrument TJA1 but not Thermo6500 - not req'd by method so no further action
	Interference check sample data included (ICP/MS only)?	x			
100	%R criteria met? (80-120%)	x			
	Dilution test data included?	x			
100	Results within 10% original? (if >50xMDL)		x		
	Post digestion spike included?	x			
100	%R criteria met?		x		method (75-125%)
	Internal standard data included in lab package?			x	
NA	Intensities within limits? (min 30-120% of calib std)			x	
10	Analyte quantitation/RLs correct?	x			
	QC parameters calculated correctly?			x	

COMMENTS

SPLP: West (ext fluid #2) pH = 5+/-0.05 (yes)
100 g, 2 L fluid (yes)
18 +/- 2 hrs extraction (yes)
23 +/- 2 C (yes)

Total vs Dissolved - NA

ATTACHMENT B

SUPPLEMENTAL LABORATORY SUBMISSIONS

TESTAMERICA HOUSTON

~~TCLP~~ and Non-Routine Extraction-Non-Volatiles Only

Date: 03-27-12 SPLP Analyst: NR Batch #: 75838

Extraction Fluid #1 ID: N/A pH: N/A Filter Lot #: 903500 1 Temp during rotation: Min: 21 Max: 24

Extraction Fluid #2 ID: SP 844604 pH: 5.02 1N HCL ID: N/A Rotation Time Started/Finished: 3/27 18:45 / 3/28 10:45

Group Number	52584-1	52584-2	LB				
Sample ID	830317	830318	SPLP				
Description	dark brown soil	dark brown soil	SPLP Ext Solution pH 5				
% Solids (If <100% see next page)	100%	100%	0%				
Was Particle Size Reduction Needed?	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No
Sample Wt. & Vol. of DI used for pH (5g/96.5mLs)	N/A	N/A	N/A				
Initial pH of subsample (After 5 min of stirring)							
Is pH <5? If Yes-Use E.F.#1, If No Continue	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No
Amount of 1N HCL added to Sample (3.5mL)	1						
Final pH Reading (After 10 min. @ 50°C and cooled to room temperature)							
Is pH <5? If Yes-Use E.F.#1, If No-Use E.F.#2	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No
Extraction Fluid Used	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2
Amount of Sample Solid Phase Used for Extraction (100g)	100	100	N/A				
Volume of Extraction Fluid Needed (Sample Wt x 20)	2000	2000	2000				
Final pH of extract	8.21	6.15	5.09				
Tests in Method Chain	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other
Comments on back of page?							

TESTAMERICA HOUSTON

Date: 04-03-14 SPLP ~~TCLP~~ and Non-Routine Extraction-Non-Volatiles Only

Analyst: MP Batch #: 76425

Extraction Fluid #1 ID: MA pH: MA Filter Lot #: 9035001

Extraction Fluid #2 ID: 84466 pH: 5.02 1N HCL ID: NA

Temp during rotation: Min: 21 Max: 24

Rotation Time Started/Finished: 4/3 18:10 / 4/4 10:10

Group Number	52864-1	52864-3	52864-4	SPLP/LB			
Sample ID	835428	835430	835431				
Description	brown soil	brown soil	brown soil	SPLP Went fluid PH5			
% Solids (If <100% see next page)	100%	100%	100%	0%			
Was Particle Size Reduction Needed?	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No
Sample Wt. & Vol. of DI used for pH (5g/96.5mLs)	NA	NA	NA	NA			
Initial pH of subsample (After 5 min of stirring)							
Is pH <5? If Yes-Use E.F.#1, If No Continue	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No
Amount of 1N HCL added to Sample (3.5mL)							
Final pH Reading (After 10 min. @ 50°C and cooled to room temperature)							
Is pH <5? If Yes-Use E.F.#1, If No-Use E.F.#2	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No
Extraction Fluid Used	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2
Amount of Sample Solid Phase Used for Extraction (100g)	100	100	100	0			
Volume of Extraction Fluid Needed (Sample Wt x 20)	2000	→	→	→			
Final pH of extract							
Tests in Method Chain	✓Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other_____	✓Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other_____	✓Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other_____	✓Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other_____	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other_____	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other_____	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other_____
Comments on back of page?							

TESTAMERICA HOUSTON

Date: 04-10-12 SPLP ~~TCLP~~ and Non-Routine Extraction-Non-Volatiles Only Analyst: MR Batch #: 76904

Extraction Fluid #1 ID: HA pH: MR Filter Lot #: 903S001
Extraction Fluid #2 ID: 844668 pH: 5.01 1N HCL ID: MR

Temp during rotation: Min: 21 Max: 24
Rotation Time Started/Finished: 4/10/12 17:00P / 4/11/12 9:00A

Group Number	52574-10	52864-5	LB				
Sample ID	830086	835432					
Description	Med brown soil	dark brown soil	SPLP Wet fluid pH 5				
% Solids (If <100% see next page)	100%	100%	0%				
Was Particle Size Reduction Needed?	Circle One Yes / (No)	Circle One Yes / (No)	Circle One Yes / (No)	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No
Sample Wt. & Vol. of DI used for pH (5g/96.5mLs)	NA	NA	NA				
Initial pH of subsample (After 5 min of stirring)							
Is pH <5? If Yes-Use E.F.#1, If No Continue	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No
Amount of 1N HCL added to Sample (3.5mL)							
Final pH Reading (After 10 min. @ 50°C and cooled to room temperature)							
Is pH <5? If Yes-Use E.F.#1, If No-Use E.F.#2	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No	Circle One Yes / No
Extraction Fluid Used	Circle One #1 / (#2)	Circle One #1 / (#2)	Circle One #1 / (#2)	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2	Circle One #1 / #2
Amount of Sample Solid Phase Used for Extraction (100g)	100g.	100g.	0				
Volume of Extraction Fluid Needed (Sample Wt x 20)	2000						
Final pH of extract							
Tests in Method Chain	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other 1312 mw	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other 1312 mw	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other 1312 mw	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other	_Metals(6010/7470) _SemiVoa (8270C) _Pest (8081A) _Herb (8151A) _Other
Comments on back of page?							

DATA VALIDATION AND USABILITY SUMMARY

FRISCO RECYCLING CENTER
EXIDE TECHNOLOGIES
FRISCO, TEXAS

JANUARY/FEBRUARY 2012 SAMPLING EVENT

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March 14, 2012

TABLE OF CONTENTS

1.0 PROJECT OVERVIEW AND SUMMARY 1

2.0 PROCEDURES 2

3.0 DATA VALIDATION RESULTS 3

3.1 PRECISION 3
3.1.1 Laboratory Control Sample Duplicate (LCSD) Precision 3
3.1.2 Matrix Duplicate (MD) and Matrix Spike Duplicate (MSD) Precision 3
3.1.3 Field Duplicate (FD) Precision 3
3.2 ACCURACY 4
3.2.1 Laboratory Control Sample (LCS/LCSD) Accuracy 4
3.2.2 Matrix Spike (MS/MSD) and Post Digestion Spike (PDS) Accuracy 4
3.2.3 Serial Dilution (SD) %Difference 5
3.2.4 Surrogate (SU) Recovery 5
3.3 REPRESENTATIVENESS 5
3.3.1 Chain-of-Custody 5
3.3.2 Sample Preservation and Holding Time 5
3.3.3 Blank Contamination 5
3.3.4 Sample Results Evaluation 6
3.4 SENSITIVITY 6
3.4.1 Instrument Performance and Calibration 6
3.4.2 Internal Standards 6
3.4.3 Comparison of Reporting Limits to Decision Criteria 6
3.5 COMPLETENESS 7
3.6 COMPARABILITY 8

4.0 DATA VERIFICATION RESULTS 9

5.0 RECONCILIATION WITH USER REQUIREMENTS 11

5.1 USABILITY OF UNQUALIFIED DATA FOR NONDETECTED RESULTS 11
5.2 USABILITY OF QUALIFIED DATA 11

LIST OF TABLES

Table 1 – Sample Summary
Table 2 – Data Validation Qualifiers (DVQs)
Table 3 – QC Deficiencies and Data Qualification Actions
Table 4 – Qualified Sample Results
Table 5 – Field Duplicate Summary

ATTACHMENTS

Attachment A – Validator's Checklists
Attachment B – Supplemental Laboratory Submissions

1.0 PROJECT OVERVIEW AND SUMMARY

Quality Assurance Associates (QAA) completed a third party QA/QC data validation of chemical analysis data from the Exide Technologies Frisco Recycling Center in Frisco, Texas. The independent data validation, which included a data verification process and usability determination, was completed in accord with the Quality Assurance Project Plan (revised November 2011), hereinafter called the QAPP, using Level IV data packages and electronic data deliverables (EDD) supplied by the laboratory (TestAmerica-Houston). The data include 50 soil samples, 17 groundwater samples, 25 sediment samples, and 15 surface water samples plus the associated field QC samples as listed in Table 1. The samples were collected by Pastor, Behling, and Wheeler, LLC (PBW) in January and February 2012 and the results will be used to define the nature, location, extent, and movement of hazardous wastes and/or hazardous constituents, which are present at or have been released from the site, specifically by comparison of the results to delineation standards. QAA performed the validation per the procedures specified in section 6.0 of the QAPP using the guidelines presented in the U.S. EPA Contract Laboratory Program *National Functional Guidelines for Inorganic Superfund Data Review* (January 2010) and *National Functional Guidelines for Superfund Organic Methods Data Review* (June 2008), hereinafter called the NFG, and the QC requirements in the analytical methodology used by the laboratory.

The results of the review are summarized in Table 4, which lists all of the qualified sample results. All qualified data is considered useable with limitations as discussed in Section 5.0. Additionally, all unqualified results for non-detects are at or below the delineation standards except those for dissolved cadmium and dissolved lead in the surface water samples. The sample detection limits for these analytes are the lowest attainable by the laboratory using SW-846 method 6010B. (i.e., no dilutions or method modifications were required that elevated the reporting limits).

2.0 PROCEDURES

QAA completed the validation by examining the hardcopy packages and EDD produced by the laboratory, which include analysis results, QC reports, and raw data. QAA examined the data for all of the samples for:

- Data Package Completeness,
- Chain-of-Custody Procedures,
- Sample Preservation and Holding Time,
- Instrument Calibration and Performance,
- Calibration Verification,
- Blanks (Laboratory and Field),
- Surrogates (SU)
- Matrix Spike/Matrix Spike Duplicates (MS/MSD)
- Matrix Duplicates (MD),
- Serial Dilutions (SD),
- Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSD),
- Internal Standards (IS),
- Target Compound Identification, and
- Field Duplicates (FD).

Additionally, using the EDD, the validator verified that the reporting limits and detection limits for all of the samples were properly adjusted for sample-specific factors such as dilution, dry-weight correction, and use of a smaller or larger sample aliquot. For twelve of the 107 samples with one from each laboratory work order, the validator reviewed the raw data and determined that the sample results were correctly calculated and reported.

The validator performed the validation using data validation checklists (Attachment A) and the following QC criteria:

- Laboratory Accuracy – the method-specified recovery control limits of 75-125% for metals and TPH and the laboratory-derived control limits for the remaining wet chemistry parameters with a data rejection limit of 30% for inorganics and 10% for organics
- Laboratory Precision – the method-specified RPD control limit of 20% or an absolute difference control limit of 1x the reporting limit (if either result is less than or equal to 5x the reporting limit) per the NFG
- Field Precision (for the groundwater and surface water field duplicates) – an RPD control limit of 20% or an absolute difference control limit of 2x the reporting limit (if either result is less than or equal to 5x the reporting limit), which is considered typical for data quality assessment of an aqueous matrix

After completing the examination, the validator applied qualifying flags to any data with a QC deficiency. The qualifiers were applied in accord with the NFG and include the expected direction of bias if apparent from the QC outcome. The validator considered each QC deficiency separately and then, for multiple deficiencies, applied the most severe flag. The data validation qualifiers (DVQs) are defined in Table 2. Note that the DVQ replaces all qualifiers applied by the laboratory.

Upon completion of the validation, QAA performed data verification to assess the entire data set for overall trends in data quality and usability. Data quality was examined in terms of precision, accuracy, representativeness, sensitivity, completeness, and comparability. Data usability was then determined considering the intended use, laboratory reporting limits, and QC deficiencies found during validation using the U.S. EPA's Guidance for Data Useability in Risk Assessment, Part A (April 1992).

3.0 DATA VALIDATION RESULTS

Soil, groundwater, sediment, and surface water samples were analyzed for metals with additional analyses for sulfate, total organic carbon (TOC), total dissolved solids (TDS) and total petroleum hydrocarbons (TPH). Additionally, note that the sediment samples were analyzed for grain size and investigative derived waste (IDW) samples were analyzed for waste characteristics. The validator did not evaluate the grain size or IDW samples, as they are not critical to the intended use and/or they require limited QC. All of the remaining samples were included in the validation and the outcomes are summarized below.

3.1 PRECISION

QAA evaluated the sampling and analytical precision of the sample results using the relative percent difference (RPD) for the laboratory control sample duplicates (LCSD), the unspiked matrix duplicates (MD) and matrix spike duplicates (MSD), and the field duplicates (FD). LCSD are prepared using a clean sample matrix (reagent water or sand) and provide an indication of the precision of the preparation and analysis technique on a sample free of matrix effects. MD and MSD are prepared by the laboratory using a field sample. They provide an indication of the precision of the preparation and analysis technique on the specific sample matrix. FD are prepared by the sampler in the field and provide an indication of the precision of the sampling technique plus the preparation and analysis technique on the specific sample matrix.

3.1.1 LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) PRECISION

The laboratory analyzed an LCSD with every TOC analytical batch (maximum 20 samples) and the RPDs are within the QC criteria (maximum 20%). No other LCSD were analyzed or required.

3.1.2 MATRIX DUPLICATE (MD) AND MATRIX SPIKE DUPLICATE (MSD) PRECISION

The laboratory analyzed an MD and/or MSD with every analytical batch (maximum 20 samples) and reported RPDs for all target compounds for MD and MSD prepared using a sample from the site. As indicated in Table 1, at least one MD or MSD was prepared using a sample from the site for each test and each investigative media (soil, groundwater, sediment, surface water).

Some MD and MSD RPDs are above the QC criteria (maximum 20%) and the validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results. Note that, for cases where either result for the duplicate pair is less than 5x the reporting limit, the validator compared the absolute difference between the two results to a control limit of 1x the reporting limit rather than evaluating the RPD per the NFG. Additionally, the validator considered samples of the same media to be of similar matrix (e.g., if deficiencies were noted for a MD or MSD prepared using a sediment sample, all sediment samples in the same analytical batch were qualified unless a second MD or MSD prepared using a sediment sample and in the same analytical batch passed the criteria).

3.1.3 FIELD DUPLICATE (FD) PRECISION

The sampler collected one FD with the 17 groundwater samples and one FD with the 15 surface water samples, which meets the QAPP requirement of one FD per 20 groundwater and/or surface water samples. Results for the field duplicates are summarized in Table 5. Every pair of results meets the field precision criteria (maximum RPD of 20% or maximum absolute difference of 2x the reporting limit for low-level results).

3.2 ACCURACY

QAA evaluated the analytical accuracy of the sample results using the results for the laboratory control samples (LCS/LCSD), matrix spikes (MS/MSD) and post-digestion spikes (PDS), serial dilutions (SD), and surrogate (SU) spikes. LCS/LCSD are prepared using a clean sample matrix (reagent water or sand) and provide an indication of the accuracy of the preparation and analysis technique on a sample free of matrix effects. MS/MSD are prepared using a field sample and provide an indication of the accuracy of the preparation and analysis technique on the specific sample matrix. PDS are prepared like MS/MSD except the spike is added after preparation just before analysis rather than before preparation. SD are prepared using a field sample and indicate whether or not matrix interferences are affecting the accuracy of the preparation and analysis technique on the specific sample matrix. Surrogates are added to each sample before preparation and analysis and provide an indication of accuracy for the sample preparation on an individual sample basis.

3.2.1 LABORATORY CONTROL SAMPLE (LCS/LCSD) ACCURACY

The laboratory analyzed a LCS with every analytical batch (maximum 20 samples) as required plus an LCSD with each TOC batch and reported recoveries for all target compounds except >C28-C35 TPH.

One LCS recovery (for antimony in soils) is slightly outside the QC criteria (75-125% for metals/TPH, 90-110% for sulfate/TDS, 88-112% for aqueous TOC, and 46-130% for solid TOC) and the validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results. Note that the antimony recovery is within the laboratory-derived control criteria of 50-150% but outside the QC criteria of 75-125% used by the validator.

3.2.2 MATRIX SPIKE (MS/MSD) AND POST-DIGESTION SPIKE (PDS) ACCURACY

The laboratory analyzed an MS and/or MSD for every analytical batch (maximum 20 samples) except those for TDS, which is not routinely spiked by the laboratory. For MS/MSD prepared using a sample from the site, the laboratory reported recoveries for all target compounds except >C28-C35 TPH. Additionally, the laboratory analyzed a PDS for every metals analytical batch and reported recoveries for all target metals for PDS prepared using a sample from the site. As indicated in Table 1, at least one matrix spike was prepared using a sample from the site for each test and each investigative media (soil, groundwater, sediment, surface water) except TDS in groundwater.

Some MS, MSD and/or PDS recoveries are outside the QC criteria (75-125% for metals/TPH, 80-120% for sulfate/TDS, 88-112% for aqueous TOC, and 46-130% for solid TOC) and the validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results. Note that if an analyte was detected in the unspiked parent sample at a concentration well above (greater than four times) the concentration of spike added to the sample, thereby rendering the recoveries inconclusive, the check was waived and the validator did not qualify the data. For cases where the MS or MSD recovery is outside the limits but greater than the data rejection limit (30% for inorganics and 10% for organics) and the average MS/MSD recovery is in control, the validator did not qualify the data. Additionally, the validator considered samples of the same media to be of similar matrix (e.g., if deficiencies were noted for a MS/MSD prepared using a sediment sample, all sediment samples in the same analytical batch were qualified unless a second MS/MSD prepared using a sediment sample and in the same analytical batch passed the criteria). However, if the MD and/or MSD RPDs were also outside the criteria and the unspiked parent sample contained a significant amount of the spiked analyte, the validator determined that the recovery issue is likely due to heterogeneity of the parent sample rather than poor accuracy. For these cases, the validator only flagged the parent sample for accuracy, while all samples of the same media in the same analytical batch were qualified for precision.

3.2.3 SERIAL DILUTION (SD) %DIFFERENCE

For each metals MS/MSD, the laboratory analyzed an SD and reported the %difference for all target metals detected above 50x the method detection limit (MDL) for SD prepared using a sample from the site.

Some SD %differences are above the QC criteria (10%) and the validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results. Note that the validator considered samples of the same media (soil, groundwater, sediment, surface water) to be of similar matrix (e.g., if deficiencies were noted for a SD prepared using a sediment sample, all sediment samples in the same analytical batch were qualified).

3.2.4 SURROGATE (SU) RECOVERY

The laboratory spiked each TPH sample with one surrogate before preparation and analysis and the recoveries are within the QC criteria (70-130%) for all samples.

3.3 REPRESENTATIVENESS

QAA evaluated representativeness of the sample results by examining the custody procedures, calculating holding times, examining blanks for evidence of contamination, and examining sample results for outliers or suspect values.

3.3.1 CHAIN-OF-CUSTODY

All samples were delivered to the laboratory by an overnight, commercial carrier within two days of collection with properly executed chain-of-custody records, which confirms that sample integrity was maintained. The sampler omitted a few entries on the custody records (such as the sample matrix for one set of samples) and the validator noted a few minor inconsistencies between the information on the custody records and that assigned by the laboratory. However, all issues were resolved and/or do not affect the integrity of the investigative samples. Details are listed in the validator's checklists included as Attachment A.

3.3.2 SAMPLE PRESERVATION AND HOLDING TIME

All samples were properly preserved and analyzed within the holding times listed in Table 5-1 of the QAPP, which confirms that sample results are not affected by sample degradation, except as follows:

- The samples in work order 600-50964 (2012-NDA-4 (2-4) and 2012-NDA-6 (0-2)) were received at 7.9 C.

The samples were analyzed for total lead, which requires preservation at 4$\pm$2 C per Table 3 in the QAPP. However, no preservation is required for metals in solid samples per the analytical method and thus analyte degradation is not suspected and the sample results were not qualified.

3.3.3 BLANK CONTAMINATION

The laboratory analyzed a preparation blank for every analytical batch (maximum 20 samples) and a calibration blank for every 10 metals analyses and at the beginning and end of every TPH analytical shift. Additionally, the sampler collected nine equipment rinsate blanks (one per day of soil sample collection, which required re-usable equipment), four field blanks (one

per day of volatile organics (i.e. TPH) sample collection), and four trip blanks (one per cooler containing volatile organics (i.e., TPH) samples) as required per the QAPP.

Several detects are reported in the laboratory and field QC blanks, primarily at concentrations above the method detection limit (MDL) but below the method quantitation limit (MQL) (i.e., laboratory J values) and the validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results. Note that the validator calculated a blank equivalent concentration taking into account the sample weight, moisture content, and dilution factor for each sample when determining if the contamination in the blank is near that in the sample, and thus if data quality is affected for that sample. When comparing aqueous blank concentrations (e.g., for calibration blanks and field equipment blanks) to solid samples, the validator assumed that all contamination found in the aqueous blank aliquot analyzed is potentially present in the solid sample aliquot analyzed. In most cases, the concentration levels in the samples associated with the contaminated blank are well above the blank equivalent concentration, and thus there is no effect on sample data quality.

3.3.4 SAMPLE RESULTS EVALUATION

As previously noted, the groundwater field duplicate pair and surface water field duplicate pair both compare well. Additionally, the validator examined the total metals and dissolved metals results. For total results above the sample quantitation limit (SQL), the corresponding dissolved result should be lower than the total result or no more than 30% above the total result (to allow for the inherent method error). For all groundwater and surface water samples collected and tested for both total and dissolved metals, all results are either non-detect or below the SQL (i.e., laboratory J values), and thus there are no apparent outliers.

3.4 SENSITIVITY

3.4.1 INSTRUMENT PERFORMANCE AND CALIBRATION

The laboratory calibrated each instrument and analyzed a continuing calibration verification (CCV) standard for every 10 metals analyses and at the beginning and end of every other analytical shift. Additionally, the laboratory analyzed a low-level continuing calibration verification (LLCCV) standard at the beginning and end of every metals analytical shift. The laboratory also analyzed quarterly low-level detectability check standards (DCS).

The DCS confirm the reasonableness of the laboratory method detection limits (MDLs) (i.e., they indicate that the analyte is recoverable at a spike level within about 3x the MDL) for all investigative samples. (The validator noted that the DCS spike level is too high at about 10x the MDL for the aqueous TPH DCS, but this DCS only applies for field QC blanks.)

Some recoveries for the LLCCV are outside the QC criteria (70-130%), which indicates the laboratory instrument may not have been providing accurate results especially near the reporting limit. The validator qualified the associated data per the NFG as detailed in Table 3. Table 4 lists all qualified sample results.

3.4.2 INTERNAL STANDARDS

Internal standards were not used nor required for any of the tests for this event.

3.4.3 COMPARISON OF REPORTING LIMITS TO DECISION CRITERIA

The laboratory reported non-detects at the sample detection limit (SDL), which is the method detection limit (MDL) adjusted for sample-specific actions such as dilution, dry-weight correction, or use of a smaller sample aliquot. Detects above the SDL but below the SQL, which is the method quantitation limit (MQL) adjusted for sample-specific actions, are reported as laboratory J values.

Some of the SDLs for non-detects are above the delineations standards for the event as follows:

- The twelve non-detects for dissolved cadmium in the surface water samples are reported at 0.00035 mg/L, which is above the delineation standard of 0.000236 mg/L.
- The thirteen non-detects for dissolved lead in the surface water samples are reported at 0.0029 mg/L, which is above the delineation standard of 0.00115 mg/L.

3.5 COMPLETENESS

QAA evaluated completeness by examining the laboratory data packages and by determining the amount of valid data obtained for the samples.

The Level IV data packages contain all necessary information, or the information was provided upon request as follows:

- The package for work order 600-48830-1 does not include the second page of the custody record. The laboratory provided this page separately and it is included in Attachment B.
- The custody record included in the package for work order 600-49143-1 does not have the signature of the laboratory personnel who received the samples. The laboratory provided a separate copy of the custody record that includes the signature and it is included in Attachment B.
- For samples 600-48312-5 and 600-48312-18, the validator noted that the raw data indicates that the lead result was determined at a 10x dilution (the sample ID includes '@10'), whereas the analytical results indicate that lead is reported from a 20x dilution. The laboratory added a narrative statement to clarify that the 20x dilution factor is correct and submitted a revised report.
- For five work orders (600-48312-1, 600-48380-1, 600-48624-1, 600-48724-1, and 600-50964-1), the package does not include the raw data for one or more metals analytical shifts. The laboratory added the necessary raw data and submitted revised reports.

QAA evaluated field completeness by comparing the total number of tests performed with the total number of tests planned for investigative samples. All planned investigative samples were collected and analyzed for the requested tests, except as follows:

- For groundwater samples 2012-B4R and 2012-MW-20, the test for dissolved cadmium/lead was not requested nor performed due to limited sample volume for these low-producing wells. Total cadmium/total lead is reported.
- For sample 2012-SED-18, the laboratory was unable to perform the TOC test because one or more containers were received broken or leaking.
- Existing monitoring well B3R was dry and thus was not sampled for total cadmium/lead, dissolved cadmium/lead, sulfate, or TDS, while existing monitoring well MW-18 was sampled for these tests though not originally planned.

(Also note that the existing monitoring wells B2R and B8N were found damaged beyond repair and thus sampling was not required per the work plan.) Thus, three of the 207 tests that were originally planned were not performed, giving a field completeness of 98.6%, which is above the typical goal of 90%. (The QAPP does not include completeness goals.)

QAA evaluated laboratory completeness by comparing the total number of analytical results reported with the total number of valid results for investigative samples. The validator rejected two non-detect results for antimony due to matrix spike recovery below 30%. There are 396 total results, giving a laboratory completeness of 99.5%, which is above the typical goal of 90%. (The QAPP does not include completeness goals.)

3.6 COMPARABILITY

Samples were analyzed using standard EPA protocols as shown in Table 1. The methodologies employed by the laboratory are specified for use in the QAPP and provide definitive, quantitative data. The hardcopy sample results are reported with the sample detection limit (SDL) and the method quantitation limit (MQL). The EDD includes the SDL (under the Low Limit column) and the sample quantitation limit (SQL, under the High Limit column). A detection limit corresponds to the lowest concentration at which a target analyte can be positively identified but not necessarily accurately measured and is statistically determined by the laboratory. A quantitation limit reflects the lowest concentration at which a target analyte can be both positively identified and accurately measured. The SDLs and SQLs reported by the laboratory are adjusted for sample-specific actions such as dilution or use of a smaller aliquot size and include dry-weight correction for all solid samples. Results for the solid samples are reported in mg/kg except for TOC, which is reported in g/kg, and results for the aqueous samples are reported in mg/L. Non-detects are reported as less than the SDL and detects between the SDL and SQL are reported with a laboratory J flag. Since these detects are below the calibration range, the validator qualified each as estimated with an unknown bias (J).

The analytical results were reviewed and are classified as Level IV data. The analytical results are considered comparable to other results similarly generated.

4.0 DATA VERIFICATION RESULTS

Upon completion of the validation, data verification was completed to summarize overall trends in data quality as follows:

1. Precision is the degree of mutual agreement among individual measurements of the same property, usually under prescribed similar conditions, without assumption of any prior information as to the true result. Precision is measured through the analysis of replicate or duplicate samples and calculation of the relative percent difference (RPD) between the results. The validator assessed precision using the laboratory and field duplicates. The laboratory prepared at least one MD or MSD using a sample from the site for each test and each investigative media. The RPDs for these laboratory duplicates are within the limits, which indicates good precision for the analytical method on the specific sample matrix, or the validator qualified the results for similar samples in the same analytical batch as the duplicate. Of the 396 results, 52 results (all of which are detects for metals in soil or sediment) are qualified as estimated (J) based on laboratory duplicate precision. This outcome is not considered unusual for metals analyses of solid samples. Additionally, the sampler collected a groundwater field duplicate and a surface water field duplicate as required per the QAPP and the results meet the criteria, which indicates good precision for the sampling technique and analytical method on the specific sample matrix.

2. Accuracy is the degree of agreement of a measurement with an accepted reference or true value. Accuracy is measured through the analysis of reference samples or the introduction of reference materials (spikes) to field samples and calculation of the percent recovery of the known value. The validator assessed accuracy using the laboratory spikes and matrix spikes. The laboratory prepared a laboratory control sample (LCS) using reagent water or sand with each analytical batch and reported the recoveries for all target compounds. All LCS recoveries are within the limits, which indicates good accuracy for the analytical method on a sample free of matrix effects, with one minor exception. The LCS recovery for antimony is slightly below the criteria for one analytical batch, and the validator qualified the results for samples in this analytical batch. Additionally, the laboratory prepared at least one matrix spike using a sample from the site for each test and each investigative media except TDS in groundwater and also prepared several post digestion spikes (PDS) and serial dilutions (SD) for the metals analyses. The MS/MSD and PDS recoveries are within the laboratory limits, which indicates good accuracy for the analytical method on the specific sample matrix, or the validator qualified the results for similar samples in the same analytical batch as the MS/MSD. Likewise, the SD %differences are within the laboratory limits, which indicates there is no matrix interference affecting the accuracy of the results, or the validator qualified the results for similar samples in the same analytical batch as the SD. Two non-detect results for antimony (for samples 2012 CUFT-1(0-2') and 2012 CUFT-2 (0-2')) are qualified as rejected per the NFG due to a matrix spike recovery below 30%. Of the remaining 354 results, 61 results (all of which are detects for metals in soil or sediment) are qualified as estimated based on matrix spike, post digestion spike, and/or serial dilution results. The qualification includes the expected direction of bias where known (i.e., J+ for high MS/MSD recovery, J- for low MS/MSD recovery, and J for high SD %difference or if the MS/MSD also indicates poor precision). Additionally, the laboratory utilized one surrogate spike for each organic analysis (i.e., for TPH) and the surrogate recovery is within the laboratory limits for all samples, which indicates good accuracy for the sample preparation on an individual sample basis.

3. Representativeness expresses the degree to which sample data accurately and precisely represent environmental conditions and parameter variations at a sampling location. Representativeness is a qualitative parameter most concerned with the proper design of the sampling program and is also ensured by using the proper analytical procedures. The validator assessed representativeness by examining custody procedures, sample preservation

and holding times, the laboratory and field QC blanks, and comparable sample results. Sample preservation and holding times met the method requirements, which indicates the results are not affected by sample degradation. The laboratory prepared a method blank with each analytical batch and analyzed calibration blanks throughout each analytical shift. Additionally, the sampler collected nine equipment rinsate blanks, four field blanks, and four trip blanks with the samples. The laboratory and field QC blanks show no contamination, which indicates the samples were not affected by laboratory or field procedures, or the validator qualified the samples associated with the blank that have a concentration similar to that in the blank. This resulted in the qualification of eight detects for cadmium as estimated with a high bias (J+) or as not detected substantially above the blank concentration (U). Per the NFG, the validator qualified detects above the SQL with a J+ flag while detects below the reporting limit (i.e., laboratory J values) were qualified with a U flag. Field duplicate results and total metals versus dissolved metals results for the groundwater and surface water samples do not show any apparent outliers, which indicates good representativeness for the sampling and analytical technique.

4. Sensitivity (S) is the capability of a method or instrument to discriminate between measurement responses representing different levels of the parameter of interest. Sensitivity is expressed in terms of the laboratory detection limits (which are a measure of the concentration an instrument can detect or 'see' in a sample) and the laboratory reporting limits or quantitation limits (which are a measure of the concentration an instrument can accurately measure in a sample). The laboratory method detection limits (MDLs) are confirmed reasonable by detectability check standards (DCS). For all non-detects, the sample detection limits (SDLs) are at or below the decision criteria (i.e., the delineation standards for the site) except those for dissolved cadmium and dissolved lead in the surface water samples. Additionally, proper analytical procedures were used and calibration results met the method requirements except in a few minor cases. The validator qualified eight results for lead, of which four are non-detects, as estimated due to a recovery below the criteria for the low-level continuing calibration verification standard (LLCCV).

5. Completeness (C) is the amount of valid data obtained from a measurement system compared to the amount that was expected and required to meet the project data goals. QAA calculated field completeness at 98.6% and laboratory completeness at 99.5%, both of which are above the typical goal of 90%.

6. Comparability (C) is an expression of the confidence with which one data set can be compared to another. The samples were analyzed using standard EPA protocols as specified in the QAPP. The analytical results were reviewed and are classified as Level IV data and are considered comparable to other results similarly generated. Note that results are reported in mg/kg with dry-weight correction for solid samples except TOC, which is in g/kg, and in mg/L for aqueous samples.

5.0 RECONCILIATION WITH USER REQUIREMENTS

Samples results will be used to define the nature, location, extent, and movement of hazardous wastes and/or hazardous constituents, which are present at or have been released from the site, specifically by comparison of the results to delineation standards.

5.1 USABILITY OF UNQUALIFIED DATA FOR NONDETECTED RESULTS

The laboratory reported non-detects at the sample detection limit (SDL), which is the method detection limit (MDL) adjusted for sample-specific actions such as dilution, dry-weight correction, or use of a smaller sample aliquot. The MDLs are confirmed reasonable by the analysis of detectability check standards (DCS). The SDLs for all nondetected results are at or below the decision criteria (i.e., the delineation standards for the site) except those for dissolved cadmium and dissolved lead in the surface water samples.

5.2 USABILITY OF QUALIFIED DATA

Table 4 shows the qualified data for all samples. Two nondetected results for antimony are qualified as rejected (R) due to matrix spike recovery less than 30%. Other results are qualified as not substantially above the blank concentration (U) or as estimated (J or UJ) with a low, high, or indeterminate bias.

Results that are rejected (R) typically are not useable. However, the two nondetected results for antimony (in soils samples 2012 CUFT-1(0-2') and 2012 CUFT-2 (0-2')) are rejected due to a MSD recovery of 29%, which is just below the data rejection limit for inorganics of 30%, while the corresponding MS recovery is 30%. This indicates the results may be up to 4x below the actual value. The SDLs for these two non-detects (0.293 mg/Kg and 0.283 mg/Kg) are more than 18x below the delineation standard for antimony in soils (5.4 mg/Kg). Thus, the results are considered useable for demonstrating conformance with the delineation standards, but should be evaluated with other factors such as the absence or presence of antimony in other media and the occurrence of antimony in historical data and operations.

Analytes that are not detected substantially above the blank concentration (U) should be considered not present at the reporting limit or SQL. Thus, the reported concentration is replaced with the SQL. Table 4 includes the SQL under the 'Adjusted Result' column for U-flagged results.

For the remaining qualified data, results that are considered biased low (J-) can be used for determining the presence of the analyte and as an indication that the concentration of the analyte exceeds a given criterion. However, the concentration reported may be low. Results that are biased high (J+) can be used for determining the presence of the analyte and as an indication that the concentration of the analyte is less than a given criterion. However, the concentration reported may be high. Similarly, results with an indeterminate bias may be either low or high.

TABLE 1
EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER
JANUARY/FEBRUARY 2012 SAMPLING EVENT

SAMPLE SUMMARY

Lab ID	Client ID	Matrix	Media	Type	Collection Date	Receive Date	QC Batch[1]						
							Sulfate	11 Total Metals	Total Cd/Pb	Dissolved Cd/Pb	TOC	TDS	TPH
600-48312-1	2012 - BSA - 1 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-2	2012 - BSA - 3 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-3	2012 - BSA - 4 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-4	2012 - BSA - 5 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-5	2012 - BSA - 2 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-6	2012 - SDA - 1 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-6	2012 - SDA - 1 (0-2')	Solid	Soil	MD	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-6	2012 - SDA - 1 (0-2')	Solid	Soil	MS	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-6	2012 - SDA - 1 (0-2')	Solid	Soil	MSD	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-7	2012 - SDA - 1 (2-4')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-8	2012 - SDA - 2 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-8	2012 - SDA - 2 (0-2')	Solid	Soil	MD	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-8	2012 - SDA - 2 (0-2')	Solid	Soil	MS	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-8	2012 - SDA - 2 (0-2')	Solid	Soil	MSD	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-9	2012 - SDA - 2 (2-4')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-10	2012 - SDA - 3 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-11	2012 - SDA - 3 (2-4')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-12	2012 - SDA - 4 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-13	2012 - SDA - 4 (2-4')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-14	2012 - SDA - 5 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-15	2012 - SDA - 5 (2-2.9')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-16	2012 - BY - 1 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69818	NA	NA	NA	NA
600-48312-16	2012 - BY - 1 (0-2')	Solid	Soil	MD	1/4/12	1/5/12	NA	NA	69818	NA	NA	NA	NA
600-48312-16	2012 - BY - 1 (0-2')	Solid	Soil	MS	1/4/12	1/5/12	NA	NA	69818	NA	NA	NA	NA
600-48312-16	2012 - BY - 1 (0-2')	Solid	Soil	MSD	1/4/12	1/5/12	NA	NA	69818	NA	NA	NA	NA

Lab ID	Client ID	Matrix	Media	Type	Collection Date	Receive Date	QC Batch[1]						
							Sulfate	11 Total Metals	Total Cd/Pb	Dissolved Cd/Pb	TOC	TDS	TPH
600-48312-17	2012 - BY - 5 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-18	2012 - BY - 4 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-19	2012 - BY - 3 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-20	2012 - BY - 2 (0-2')	Solid	Soil	INV	1/4/12	1/5/12	NA	NA	69471	NA	NA	NA	NA
600-48312-21	Equipment Blank 1	Water	EB	EB	1/4/12	1/5/12	NA	NA	69554	NA	NA	NA	NA
600-48380-1	2012-RMSA-2 (0.5-2.5')	Solid	Soil	INV	1/5/12	1/6/12	69903	NA	69585	NA	NA	NA	69727
600-48380-2	2012-RMSA-3(1-3')	Solid	Soil	INV	1/5/12	1/6/12	69903	NA	69585	NA	NA	NA	69727
600-48380-3	2012-RMSA-2 (Recon GW)	Water	GW	INV	1/5/12	1/6/12	NA	NA	69725	NA	NA	NA	NA
600-48380-4	Field Blank 1	Water	FB	FB	1/5/12	1/6/12	NA	NA	NA	NA	NA	NA	69827
600-48380-5	Equipment Blank 2	Water	EB	EB	1/5/12	1/6/12	69984	NA	69725	NA	NA	NA	69827
600-48380-6	Trip Blank (1/5/12)	Water	TB	TB	1/5/12	1/6/12	NA	NA	NA	NA	NA	NA	69827
600-48440-1	2012-RMSA-4(1.5-3.5')	Solid	Soil	INV	1/6/12	1/7/12	69816	NA	69757	NA	NA	NA	69727
600-48440-2	Field Blank 2	Water	FB	FB	1/6/12	1/7/12	NA	NA	NA	NA	NA	NA	69827
600-48440-3	2012-RMSA-1(1.5-2.5')	Solid	Soil	INV	1/6/12	1/7/12	69816	NA	69757	NA	NA	NA	69727
600-48440-4	2012-RMSA-4(Recon GW)	Water	GW	INV	1/6/12	1/7/12	NA	NA	69725	NA	NA	NA	NA
600-48440-5	2012 CUFT-1(0-2')	Solid	Soil	INV	1/6/12	1/7/12	69816	69757	NA	NA	NA	NA	NA
600-48440-5	2012 CUFT-1(0-2')	Solid	Soil	MD	1/6/12	1/7/12	69816	69757	NA	NA	NA	NA	NA
600-48440-5	2012 CUFT-1(0-2')	Solid	Soil	MS	1/6/12	1/7/12	69816	69757	NA	NA	NA	NA	NA
600-48440-5	2012 CUFT-1(0-2')	Solid	Soil	MSD	1/6/12	1/7/12	NA	69757	NA	NA	NA	NA	NA
600-48440-6	2012 CUFT-2 (0-2')	Solid	Soil	INV	1/6/12	1/7/12	69903	69757	NA	NA	NA	NA	NA
600-48440-7	Trip Blank	Water	TB	TB	1/6/12	1/7/12	NA	NA	NA	NA	NA	NA	69827
600-48440-8	Equipment Blank 3	Water	EB	EB	1/6/12	1/7/12	69984	69725	NA	NA	NA	NA	69827
600-48624-1	2012-NDA-3 (0-2')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-2	2012-NDA-3 (17-19')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-3	2012-NDA-2 (0-2')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-4	2012-NDA-2 (2-4')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-5	2012-NDA-2 (16-18')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-6	2012-NDA-1 (0-2')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-7	2012-NDA-1 (2-4')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-8	2012-NDA-1 (Recon GW)	Water	GW	INV	1/10/12	1/11/12	NA	NA	69905	NA	NA	NA	NA
600-48624-9	2012-SL-1 (0-2')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-10	2012-SL-1 (2-4')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA

Lab ID	Client ID	Matrix	Media	Type	Collection Date	Receive Date	QC Batch[1]						
							Sulfate	11 Total Metals	Total Cd/Pb	Dissolved Cd/Pb	TOC	TDS	TPH
600-48624-11	2012-SL-2 (0-2')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-11	2012-SL-2 (0-2')	Solid	Soil	MD	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-11	2012-SL-2 (0-2')	Solid	Soil	MS	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-11	2012-SL-2 (0-2')	Solid	Soil	MSD	1/10/12	1/11/12	NA	NA	69988	NA	NA	NA	NA
600-48624-12	2012-SL-2 (5-7')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	70035	NA	NA	NA	NA
600-48624-13	2012-SL-2 (Recon GW)	Water	GW	INV	1/10/12	1/11/12	NA	NA	69905	NA	NA	NA	NA
600-48624-14	2012-SL-3 (0-2')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	70035	NA	NA	NA	NA
600-48624-15	2012-SL-3 (8-10')	Solid	Soil	INV	1/10/12	1/11/12	NA	NA	70035	NA	NA	NA	NA
600-48624-16	2012-SL-3 (Recon GW)	Water	GW	INV	1/10/12	1/11/12	NA	NA	69905	NA	NA	NA	NA
600-48624-17	EQUIPMENT BLANK 4	Water	EB	EB	1/10/12	1/11/12	NA	NA	69905	NA	NA	NA	NA
600-48724-1	2012 - SED – 1	Solid	Sed	INV	1/11/12	1/12/12	NA	NA	70035	NA	104333	NA	NA
600-48724-1	2012 - SED – 1	Solid	Sed	MS	1/11/12	1/12/12	NA	NA	NA	NA	104333	NA	NA
600-48724-1	2012 - SED – 1	Solid	Sed	MSD	1/11/12	1/12/12	NA	NA	NA	NA	104333	NA	NA
600-48724-2	2012 - SED – 2	Solid	Sed	INV	1/11/12	1/12/12	NA	NA	70035	NA	104333	NA	NA
600-48724-3	2012 - SED – 3	Solid	Sed	INV	1/11/12	1/12/12	NA	NA	70035	NA	104333	NA	NA
600-48724-4	2012 - SED – 4	Solid	Sed	INV	1/11/12	1/12/12	NA	NA	70035	NA	104333	NA	NA
600-48724-5	2012 - SED – 5	Solid	Sed	INV	1/11/12	1/12/12	NA	NA	70035	NA	104333	NA	NA
600-48724-6	2012 - SED – 6	Solid	Sed	INV	1/11/12	1/12/12	NA	NA	70035	NA	104333	NA	NA
600-48724-6	2012 - SED – 6	Solid	Sed	MS	1/11/12	1/12/12	NA	NA	70035	NA	NA	NA	NA
600-48724-6	2012 - SED – 6	Solid	Sed	MSD	1/11/12	1/12/12	NA	NA	70035	NA	NA	NA	NA
600-48724-7	2012 - SED – 7	Solid	Sed	INV	1/11/12	1/12/12	NA	NA	70035	NA	104333	NA	NA
600-48724-8	2012 - SED – 8	Solid	Sed	INV	1/11/12	1/12/12	NA	NA	70035	NA	104333	NA	NA
600-48724-9	2012 - SED – 9	Solid	Sed	INV	1/11/12	1/12/12	NA	NA	70035	NA	104333	NA	NA
600-48724-10	Equipment Blank 5	Water	EB	EB	1/11/12	1/12/12	NA	NA	69977	NA	104369	NA	NA
600-48830-1	2012-SED-10	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-2	2012-SED-11	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-3	2012-SED-12	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-4	2012-SED-13	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-5	2012-SED-14	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-6	2012-SED-15	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-7	2012-SED-16	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-8	2012-SED-17	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA

Lab ID	Client ID	Matrix	Media	Type	Collection Date	Receive Date	QC Batch[1]						
							Sulfate	11 Total Metals	Total Cd/Pb	Dissolved Cd/Pb	TOC	TDS	TPH
600-48830-9	2012-SED-18	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-10	2012-SED-19	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-11	2012-SED-20	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-12	2012-SED-21	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-12	2012-SED-21	Solid	Sed	MD	1/12/12	1/13/12	NA	NA	70087	NA	NA	NA	NA
600-48830-12	2012-SED-21	Solid	Sed	MS	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-12	2012-SED-21	Solid	Sed	MSD	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-13	2012-SED-22	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-14	2012-SED-23	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-15	2012-SED-24	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-16	2012-SED-25	Solid	Sed	INV	1/12/12	1/13/12	NA	NA	70087	NA	104671	NA	NA
600-48830-17	EQUIPMENT BLANK 6	Water	EB	EB	1/12/12	1/13/12	NA	NA	70081	NA	104369	NA	NA
600-48993-1	2012-MW-13	Water	GW	INV	1/16/12	1/18/12	70502	NA	70423	70423	NA	70370	NA
600-48993-1	2012-MW-13	Water	GW	MD	1/16/12	1/18/12	70502	NA	NA	NA	NA	NA	NA
600-48993-1	2012-MW-13	Water	GW	MS	1/16/12	1/18/12	70502	NA	NA	NA	NA	NA	NA
600-48993-2	2012-MW-14	Water	GW	INV	1/16/12	1/18/12	70502	NA	70423	70423	NA	70370	NA
600-48993-3	2012-MW-12	Water	GW	INV	1/16/12	1/18/12	70502	NA	70423	70423	NA	70370	NA
600-48993-3	2012-MW-12	Water	GW	MD	1/16/12	1/18/12	NA	NA	70423	NA	NA	NA	NA
600-48993-3	2012-MW-12	Water	GW	MS	1/16/12	1/18/12	NA	NA	70423	NA	NA	NA	NA
600-48993-3	2012-MW-12	Water	GW	MSD	1/16/12	1/18/12	NA	NA	70423	NA	NA	NA	NA
600-48993-4	2012-MW-19	Water	GW	INV	1/17/12	1/18/12	70502	NA	70423	70423	NA	70370	NA
600-48993-5	2012-MW-18	Water	GW	INV	1/17/12	1/18/12	70502	NA	70423	70423	NA	70370	NA
600-48993-5	2012-MW-18	Water	GW	MD	1/17/12	1/18/12	NA	NA	NA	70423	NA	NA	NA
600-48993-5	2012-MW-18	Water	GW	MS	1/17/12	1/18/12	NA	NA	NA	70423	NA	NA	NA
600-48993-5	2012-MW-18	Water	GW	MSD	1/17/12	1/18/12	NA	NA	NA	70423	NA	NA	NA
600-48993-6	2012-MW-FD	Water	GW	FD[2]	1/17/12	1/18/12	70502	NA	70423	70423	NA	70370	NA
600-48993-6	2012-MW-FD	Water	GW	MD	1/17/12	1/18/12	NA	NA	NA	NA	NA	70370	NA
600-48993-7	2012-MW-16	Water	GW	INV	1/17/12	1/18/12	70502	NA	70423	70423	NA	70766	NA
600-48993-7	2012-MW-16	Water	GW	MD	1/17/12	1/18/12	NA	NA	NA	NA	NA	70766	NA
600-48993-8	2012-MW-16S	Water	GW	INV	1/17/12	1/18/12	70502	NA	70423	70423	NA	70766	NA
600-48993-9	2012-B5N	Water	GW	INV	1/17/12	1/18/12	70502	NA	70423	70423	NA	70766	NA
600-48997-1	2012-SW-1	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA

Lab ID	Client ID	Matrix	Media	Type	Collection Date	Receive Date	QC Batch[1]						
							Sulfate	11 Total Metals	Total Cd/Pb	Dissolved Cd/Pb	TOC	TDS	TPH
600-48997-1	2012-SW-1	Water	SW	MS	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-1	2012-SW-1	Water	SW	MSD	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-2	2012-SW-2	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-3	2012-SW-3	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-4	2012-SW-4	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-5	2012-SW-5	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-6	2012-SW-6	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-7	2012-SW-7	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-8	2012-SW-8	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-9	2012-SW-9	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-10	2012-SW-10	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-11	2012-SW-11	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-12	2012-SW-12	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-13	2012-SW-13	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-14	2012-SW-14	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-15	2012-SW-15	Water	SW	INV	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-48997-16	2012-SW-DUP	Water	SW	FD[2]	1/17/12	1/18/12	NA	NA	70923	70924	NA	NA	NA
600-49063-1	2012-LMW-NE	Water	GW	INV	1/18/12	1/19/12	70723	NA	70492	70492	NA	70544	NA
600-49063-2	2012-MW-20	Water	GW	INV	1/18/12	1/19/12	70723	NA	70492	NA	NA	70544	NA
600-49063-3	2012-B4R	Water	GW	INV	1/18/12	1/19/12	70723	NA	70492	NA	NA	70544	NA
600-49063-4	2012-MW-17	Water	GW	INV	1/18/12	1/19/12	70723	NA	70492	70492	NA	70544	NA
600-49063-4	2012-MW-17	Water	GW	MS	1/18/12	1/19/12	70723	NA	70492	70492	NA	NA	NA
600-49063-4	2012-MW-17	Water	GW	MSD	1/18/12	1/19/12	70723	NA	70492	70492	NA	NA	NA
600-49066-1	2012-FWCS-9	Solid	Soil	INV	1/18/12	1/19/12	NA	NA	70516	NA	NA	NA	70837
600-49066-2	2012-FWCS-1	Solid	Soil	INV	1/18/12	1/19/12	NA	NA	70516	NA	NA	NA	70837
600-49066-2	2012-FWCS-1	Solid	Soil	MD	1/18/12	1/19/12	NA	NA	70516	NA	NA	NA	NA
600-49066-2	2012-FWCS-1	Solid	Soil	MS	1/18/12	1/19/12	NA	NA	70516	NA	NA	NA	NA
600-49066-2	2012-FWCS-1	Solid	Soil	MSD	1/18/12	1/19/12	NA	NA	70516	NA	NA	NA	NA
600-49066-3	2012-FWCS-8	Solid	Soil	INV	1/18/12	1/19/12	NA	NA	70516	NA	NA	NA	70837
600-49066-5	Field Blank 3	Water	FB	FB	1/18/12	1/19/12	NA	NA	NA	NA	NA	NA	70763
600-49066-6	Equipment Blank 7	Water	EB	EB	1/18/12	1/19/12	NA	NA	70604	NA	NA	NA	70763
600-49066-7	Trip Blank	Water	TB	TB	1/18/12	1/19/12	NA	NA	NA	NA	NA	NA	70763

Lab ID	Client ID	Matrix	Media	Type	Collection Date	Receive Date	QC Batch[(1)]						
							Sulfate	11 Total Metals	Total Cd/Pb	Dissolved Cd/Pb	TOC	TDS	TPH
600-49143-1	2012-FWCS-7	Solid	Soil	INV	1/19/12	1/20/12	NA	NA	71001	NA	NA	NA	70966
600-49143-1	2012-FWCS-7	Solid	Soil	MD	1/19/12	1/20/12	NA	NA	71001	NA	NA	NA	NA
600-49143-1	2012-FWCS-7	Solid	Soil	MS	1/19/12	1/20/12	NA	NA	71001	NA	NA	NA	70966
600-49143-1	2012-FWCS-7	Solid	Soil	MSD	1/19/12	1/20/12	NA	NA	71001	NA	NA	NA	70966
600-49143-2	2012-FWCS-6	Solid	Soil	INV	1/19/12	1/20/12	NA	NA	71001	NA	NA	NA	70966
600-49143-3	2012-FWCS-5	Solid	Soil	INV	1/19/12	1/20/12	NA	NA	71001	NA	NA	NA	70966
600-49143-4	2012-FWCS-4	Solid	Soil	INV	1/19/12	1/20/12	NA	NA	71001	NA	NA	NA	70966
600-49143-5	2012-FWCS-3	Solid	Soil	INV	1/19/12	1/20/12	NA	NA	71001	NA	NA	NA	70966
600-49143-6	2012-FWCS-2	Solid	Soil	INV	1/19/12	1/20/12	NA	NA	71001	NA	NA	NA	70966
600-49143-7	Field Blank 4	Water	FB	FB	1/19/12	1/20/12	NA	NA	NA	NA	NA	NA	71005
600-49143-10	Equipment Blank 8	Water	EB	EB	1/19/12	1/20/12	NA	NA	70604	NA	NA	NA	71005
600-49143-11	Trip Blank 1/14/12	Water	TB	TB	1/14/12	1/20/12	NA	NA	NA	NA	NA	NA	71005
600-50964-1	2012-NDA-4 (2-4)	Solid	Soil	INV	2/22/12	2/23/12	NA	NA	73061	NA	NA	NA	NA
600-50964-2	2012-NDA-6 (0-2)	Solid	Soil	INV	2/22/12	2/23/12	NA	NA	73061	NA	NA	NA	NA
600-50964-3	Equipment Blank 9	Water	EB	EB	2/22/12	2/23/12	NA	NA	73114	NA	NA	NA	NA

EB – Equipment Rinsate Blank
FB - Field Blank
FD - Field Duplicate
GW - Groundwater
INV - Investigative Sample
NA – Not Analyzed
Sed – Sediment
SW – Surface Water
TB – Trip Blank

(1) The following analytical methods were used:

- Sulfate: EPA 300.0 for aqueous samples and SW-846 9056 for solid samples
- 11 Total Metals (Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn): SW-846 3010A/6010B for aqueous samples and SW-846 3050B/6010B for solid samples
- Total Cd/Pb: SW-846 3010A/6010B for aqueous samples and SW-846 3050B/6010B for solid samples
- Dissolved Cd/Pb: SW-846 3010A/6010B for aqueous samples and SW-846 3050B/6010B for solid samples with field-filtering

- Total Organic Carbon (TOC): SW-846 9060A for aqueous and solid samples
- Total Dissolved Solids (TDS): SM 2540C for aqueous samples
- Total Petroleum Hydrocarbons: TX 1005 for aqueous and solid samples

(2) Field duplicate 2012-MW-FD was collected at MW-18 and field duplicate 2012-SW-DUP was collected at SW-7.

TABLE 2
EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER
JANUARY/FEBRUARY 2012 SAMPLING EVENT

DATA VALIDATION QUALIFIERS (DVQs)

The DVQ replaces all flags applied by the laboratory.

U = Blank contamination. The analyte was not detected substantially above the level reported in an associated laboratory and/or field blanks.

UJ = Estimated. The analyte was not detected above the reporting limit; however, the reporting limit is approximate due to exceedance of one or more QC requirements.

J = Estimated. The reported sample concentration is approximate due to exceedance of one or more QC requirements. Directional bias cannot be determined

J- = Estimated low. The reported sample concentration is approximate due to exceedance of one or more QC requirements. The actual value is expected to be lower.

J+ = Estimated high. The reported sample concentration is approximate due to exceedance of one or more QC requirements. The actual value is expected to be higher.

R = Rejected. The sample result is rejected due to serious QC deficiencies that make it impossible to verify the presence or absence of the analyte.

NOTE: For multiple deficiencies, the reviewer applied the most severe flag. (R>U>J>J-/J+ and R>UJ)

TABLE 3
EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER
JANUARY/FEBRUARY 2012 SAMPLING EVENT

QC DEFICIENCIES AND DATA QUALIFICATION ACTIONS

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
MATRIX DUPLICATE (MD) PRECISION														
600-48312-6	2012 - SDA - 1 (0-2')	MD	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 10:40	Cadmium	F	Poor MD precision (difference > +/- 1xRL)	J/UJ to detects/NDs for this sample only (a second MD prepared using a SDA sample and in this batch is within control)
600-48312-6	2012 - SDA - 1 (0-2')	MD	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 10:40	Lead	F	Poor MD precision (136 RPD)	J/UJ to detects/NDs for this sample only (a second MD prepared using a SDA sample and in this batch is within control)
600-48312-16	2012 - BY - 1 (0-2')	MD	Solid	Total/NA	3050B	6010B	69818	69969	01/12/12 08:07	01/12/12 15:23	Cadmium	F	Poor MD precision (difference > +/- 1xRL)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
600-48312-16	2012 - BY - 1 (0-2')	MD	Solid	Total/NA	3050B	6010B	69818	69969	01/12/12 08:07	01/12/12 15:23	Lead	F ^	Poor MD precision (112 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
600-48440-5	2012 CUFT-1(0-2')	MD	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 09:45	Arsenic	F	Poor MD precision (difference > +/- 1xRL)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
600-48440-5	2012 CUFT-1(0-2')	MD	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 09:45	Barium	F	Poor MD precision (70 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
600-48440-5	2012 CUFT-1(0-2')	MD	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 09:45	Chromium	F	Poor MD precision (33 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
600-48440-5	2012 CUFT-1(0-2')	MD	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 09:45	Nickel	F	Poor MD precision (61 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
600-48440-5	2012 CUFT-1(0-2')	MD	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 09:45	Zinc	F	Poor MD precision (27 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
600-48624-11	2012-SL-2 (0-2')	MD	Solid	Total/NA	3050B	6010B	69988	70089	01/13/12 08:27	01/14/12 10:58	Lead	F	Poor MD precision (57 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
600-48830-12	2012-SED-21	MD	Solid	Total/NA	3050B	6010B	70087	71033	01/14/12 11:21	01/27/12 11:51	Lead	F	Poor MD precision (33 RPD)	J/UJ to detects/NDs for similar samples (all sediments) digested in this batch
600-49066-2	2012-FWCS-1	MD	Solid	Total/NA	3050B	6010B	70516	70833	01/20/12 12:41	01/25/12 09:32	Cadmium	F	Poor MD precision (29 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
MATRIX SPIKE DUPLICATE (MSD) PRECISION														
600-48312-6	2012 - SDA - 1 (0-2')	MSD	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 10:56	Lead	N	Poor MSD precision (67 RPD)	J/UJ to detects/NDs for this sample only (a second MSD prepared using a SDA sample and in this batch is within control)
600-48624-11	2012-SL-2 (0-2')	MSD	Solid	Total/NA	3050B	6010B	69988	70089	01/13/12 08:27	01/14/12 11:03	Lead	N	Poor MSD precision (30 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
600-49066-2	2012-FWCS-1	MSD	Solid	Total/NA	3050B	6010B	70516	70833	01/20/12 12:41	01/25/12 09:40	Lead	4 N	Poor MSD precision (24 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
600-49143-1	2012-FWCS-7	MSD	Solid	Total/NA	3050B	6010B	71001	71181	01/26/12 15:05	01/30/12 13:43	Lead	N	Poor MSD precision (51 RPD)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
LABORATORY CONTROL SAMPLE (LCS/LCSD) ACCURACY														
LCS 600-69757/2-A		LCS	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 08:05	Antimony		Low LCS recovery (69%)	J-/UJ to detects/NDs for samples digested in the same batch
MATRIX SPIKE (MS/MSD) AND POST-DIGESTION SPIKE (PDS) ACCURACY														
600-48312-6	2012 - SDA - 1 (0-2')	MS	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 10:44	Lead	N	Extremely low MS recovery (-12%)	J/R to detects/NDs for this sample only (recovery issue is likely due to the non-homogeneous nature of sample as evidenced by high MSD and MD RPD and significant amount of analyte in the unspiked sample)
600-48312-6	2012 - SDA - 1 (0-2')	MSD	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 10:56	Lead	N	Extremely low MSD recovery (-137%)	J/R to detects/NDs for this sample only (recovery issue is likely due to the non-homogeneous nature of sample as evidenced by high MSD and MD RPD and significant amount of analyte in the unspiked sample)

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
600-48312-6	2012 - SDA - 1 (0-2')	PDS	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 12:30	Lead	W	Low PDS recovery (70%)	J/R to detects/NDs for this sample only (recovery issue is likely due to the non-homogeneous nature of sample as evidenced by high MSD and MD RPD and significant amount of analyte in the unspiked sample)
600-48312-8	2012 - SDA - 2 (0-2')	MS	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 11:11	Cadmium	N	Low MS recovery (73%)	J-/UJ to detects/NDs for this sample only (a second MS/MSD prepared using a SDA sample and in this batch is within control)
600-48312-8	2012 - SDA - 2 (0-2')	MSD	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 11:15	Cadmium	N	Low MSD recovery (70%)	J-/UJ to detects/NDs for this sample only (a second MS/MSD prepared using a SDA sample and in this batch is within control)
600-48312-8	2012 - SDA - 2 (0-2')	MS	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 11:11	Lead	4	Extremely low MS recovery (-200%)	None (check waived because unspiked sample conc $\geq$ 4x spike added)
600-48312-8	2012 - SDA - 2 (0-2')	MSD	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 11:15	Lead	4	Extremely low MSD recovery (-232%)	None (check waived because unspiked sample conc $\geq$ 4x spike added)
600-48312-16	2012 - BY - 1 (0-2')	MS	Solid	Total/NA	3050B	6010B	69818	69969	01/12/12 08:07	01/12/12 15:26	Lead	N ^	High MS recovery (738%)	J to detects for this sample only (recovery issue is likely due to the non-homogeneous nature of sample as evidenced by high MD RPD and significant amount of analyte in the unspiked sample)
600-48312-16	2012 - BY - 1 (0-2')	MSD	Solid	Total/NA	3050B	6010B	69818	69969	01/12/12 08:07	01/12/12 15:28	Lead	N ^	High MSD recovery (867%)	J to detects for this sample only (recovery issue is likely due to the non-homogeneous nature of sample as evidenced by high MD RPD and significant amount of analyte in the unspiked sample)
600-48440-5	2012 CUFT-1(0-2')	MS	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 09:49	Antimony	N	Low MS recovery (30%)	J-/R to detects/NDs for similar samples (all soils) digested in this batch (ave MS/MSD recovery <30%)

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
600-48440-5	2012 CUFT-1(0-2')	MSD	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 09:53	Antimony	N	Extremely low MSD recovery (29%)	J-/R to detects/NDs for similar samples (all soils) digested in this batch
600-48440-5	2012 CUFT-1(0-2')	MSD	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 09:53	Barium	N	Low MSD recovery (51%)	J/UJ to detects/NDs for this sample only (recovery issue is likely due to the non-homogeneous nature of sample as evidenced by high MD RPD and significant amount of analyte in the unspiked sample)
600-48440-5	2012 CUFT-1(0-2')	MS	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 09:49	Zinc	N	Low MS recovery (72%)	None (average MS/MSD recovery (81%) passes)
600-48624-11	2012-SL-2 (0-2')	MSD	Solid	Total/NA	3050B	6010B	69988	70089	01/13/12 08:27	01/14/12 11:03	Lead	N	Extremely low MSD recovery (28%)	J/R to detects/NDs for this sample only (recovery issue is likely due to the non-homogeneous nature of sample as evidenced by high MSD and MD RPD and significant amount of analyte in the unspiked sample)
600-48624-11	2012-SL-2 (0-2')	PDS	Solid	Total/NA	3050B	6010B	69988	70089	01/13/12 08:27	01/14/12 11:06	Lead	W	Low PDS recovery (69%)	J/R to detects/NDs for this sample only (recovery issue is likely due to the non-homogeneous nature of sample as evidenced by high MSD and MD RPD and significant amount of analyte in the unspiked sample)
600-48724-6	2012 - SED - 6	MS	Solid	Total/NA	3050B	6010B	70035	70606	01/13/12 15:25	01/21/12 11:54	Cadmium	N	Low MS recovery (73%)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch
600-48724-6	2012 - SED - 6	MSD	Solid	Total/NA	3050B	6010B	70035	70606	01/13/12 15:25	01/21/12 11:58	Cadmium	N	Low MSD recovery (68%)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch
600-48724-6	2012 - SED - 6	PDS	Solid	Total/NA	3050B	6010B	70035	70606	01/13/12 15:25	01/21/12 12:52	Cadmium	W	Low PDS recovery (68%)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
600-48724-6	2012 - SED - 6	MS	Solid	Total/NA	3050B	6010B	70035	70606	01/13/12 15:25	01/21/12 11:54	Lead	N	Low MS recovery (74%)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch
600-48724-6	2012 - SED - 6	MSD	Solid	Total/NA	3050B	6010B	70035	70606	01/13/12 15:25	01/21/12 11:58	Lead	N	Low MSD recovery (67%)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch
600-48724-6	2012 - SED - 6	PDS	Solid	Total/NA	3050B	6010B	70035	70606	01/13/12 15:25	01/21/12 12:52	Lead	W	Low PDS recovery (68%)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch
600-48830-12	2012-SED-21	MS	Solid	Total/NA	3050B	6010B	70087	71033	01/14/12 11:21	01/27/12 11:55	Cadmium	N	Low MS recovery (57%)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch
600-48830-12	2012-SED-21	MSD	Solid	Total/NA	3050B	6010B	70087	71033	01/14/12 11:21	01/27/12 11:59	Cadmium	N	Low MSD recovery (66%)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch
600-48830-12	2012-SED-21	MSD	Solid	Total/NA	3050B	6010B	70087	71033	01/14/12 11:21	01/27/12 11:59	Lead	N	Low MSD recovery (67%)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch
600-49066-2	2012-FWCS-1	MS	Solid	Total/NA	3050B	6010B	70516	70833	01/20/12 12:41	01/25/12 09:36	Cadmium	N	Low MS recovery (72%)	None (average MS/MSD recovery (75%) passes)
600-49066-2	2012-FWCS-1	MS	Solid	Total/NA	3050B	6010B	70516	70833	01/20/12 12:41	01/25/12 09:36	Lead	4	High MS recovery (278%)	None (check waived because unspiked sample conc $\geq$ 4x spike added)
600-49066-2	2012-FWCS-1	MSD	Solid	Total/NA	3050B	6010B	70516	70833	01/20/12 12:41	01/25/12 09:40	Lead	4 N	High MSD recovery (1298%)	None (check waived because unspiked sample conc $\geq$ 4x spike added)
600-49143-1	2012-FWCS-7	MS	Solid	Total/NA	3050B	6010B	71001	71181	01/26/12 15:05	01/30/12 13:39	Lead	N	High MS recovery (156%)	None (average MS/MSD recovery (107%) and PDS recovery (79%) pass)
600-49143-1	2012-FWCS-7	MSD	Solid	Total/NA	3050B	6010B	71001	71181	01/26/12 15:05	01/30/12 13:43	Lead	N	Low MSD recovery (57%)	None (average MS/MSD recovery (107%) and PDS recovery (79%) pass)
SERIAL DILUTION (SD) %DIFFERENCE														
600-48624-11	2012-SL-2 (0-2')	SD	Solid	Total/NA	3050B	6010B	69988	70089	01/13/12 08:27	01/14/12 11:08	Lead	*	SD indicates matrix interference (12 %D)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
600-48724-6	2012 - SED - 6	SD	Solid	Total/NA	3050B	6010B	70035	70606	01/13/12 15:25	01/21/12 12:56	Lead	*	SD indicates matrix interference (22 %D)	J-/UJ to detects/NDs for similar samples (all sediments) digested in this batch (MS/MSD and SD indicates low bias)
600-49143-1	2012-FWCS-7	SD	Solid	Total/NA	3050B	6010B	71001	71181	01/26/12 15:05	01/30/12 14:22	Lead	*	SD indicates matrix interference (27 %D)	J/UJ to detects/NDs for similar samples (all soils) digested in this batch
LABORATORY BLANK CONTAMINATION														
MB 600-69471/1-A		MB	Solid	Total/NA	3050B	6010B	69471	69531	01/05/12 12:22	01/06/12 12:14	Lead	J	Laboratory blank contamination (0.1385 J mg/Kg)	U at RL to Js, J+ to detects <10x blank equivalent concentration for samples digested in the same batch (none)
MB 600-69725/1-A		MB	Water	Total/NA	3010A	6010B	69725	69997	01/10/12 08:35	01/13/12 08:46	Zinc	J	Laboratory blank contamination (0.0024 J mg/L)	NA - QC record for field QC blank only
MB 600-69725/1-A		MB	Water	Total/NA	3010A	6010B	69725	70097	01/10/12 08:35	01/14/12 14:13	Zinc	J	Laboratory blank contamination (0.003 J mg/L)	NA - QC record for field QC blank only
MB 600-69757/1-A		MB	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 08:01	Barium	J	Laboratory blank contamination (0.032 J mg/Kg)	U at RL to Js, J+ to detects <10x blank equivalent concentration for samples digested in the same batch (none)
MB 600-69757/1-A		MB	Solid	Total/NA	3050B	6010B	69757	69825	01/10/12 13:17	01/11/12 08:01	Zinc	J	Laboratory blank contamination (0.2015 J mg/Kg)	U at RL to Js, J+ to detects <10x blank equivalent concentration for samples digested in the same batch (none)
ICB 600-69825/5		ICB	Water			6010B		69825		01/11/12 07:36	Beryllium	J	Calibration blank contamination (0.0004700 J mg/L)	U at RL to Js, J+ to detects <1x blank equivalent concentration for samples analyzed on the same shift (none)
CCB 600-70673/18		CCB	Water			6010B		70673		01/23/12 14:49	Cadmium	J	Calibration blank contamination (0.0005100 J mg/L)	U at RL to Js, J+ to detects <1x blank equivalent concentration for samples analyzed on the same shift

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
MB 600-69977/1-A		MB	Water	Total/NA	3010A	6010B	69977	70135	01/13/12 05:50	01/16/12 09:43	Cadmium	J	Laboratory blank contamination (0.0004 J mg/L)	NA - QC record for field QC blank only
MB 600-70081/1-A		MB	Water	Total/NA	3010A	6010B	70081	70097	01/14/12 08:30	01/14/12 13:16	Lead		Laboratory blank contamination (0.0336 mg/L)	NA - QC record for field QC blank only
FIELD QC BLANK CONTAMINATION														
600-48312-21	Equipment Blank 1		Water	Total/NA	3010A	6010B	69554	69734	01/06/12 15:00	01/10/12 09:32	Cadmium	J	Equipment blank contamination (0.0008 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date
600-48312-21	Equipment Blank 1		Water	Total/NA	3010A	6010B	69554	69734	01/06/12 15:00	01/10/12 09:32	Lead	J	Equipment blank contamination (0.0065 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)
600-48380-5	Equipment Blank 2		Water	Total/NA		300.0		69984		01/12/12 17:18	Sulfate		Equipment blank contamination (1.11 mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)
600-48380-5	Equipment Blank 2		Water	Total/NA	3010A	6010B	69725	69797	01/10/12 08:35	01/10/12 15:45	Lead	J	Equipment blank contamination (0.00368 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)
600-48440-8	Equipment Blank 3		Water	Total/NA		300.0		69984		01/12/12 17:36	Sulfate		Equipment blank contamination (1.26 mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)
600-48440-8	Equipment Blank 3		Water	Total/NA	3010A	6010B	69725	69997	01/10/12 08:35	01/13/12 08:57	Barium	J	Equipment blank contamination (0.0049 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)
600-48440-8	Equipment Blank 3		Water	Total/NA	3010A	6010B	69725	69997	01/10/12 08:35	01/13/12 08:57	Lead		Equipment blank contamination (0.0121 mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
600-48440-8	Equipment Blank 3		Water	Total/NA	3010A	6010B	69725	69997	01/10/12 08:35	01/13/12 08:57	Zinc	J b	Equipment blank contamination (0.0048 J b mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)
600-48724-10	Equipment Blank 5		Water	Total/NA		9060A		104369		01/20/12 23:27	Total Organic Carbon	J	Equipment blank contamination (0.279 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for sediment samples collected on the same date (none)
600-48830-17	EQUIPMENT BLANK 6		Water	Total/NA		9060A		104369		01/21/12 03:15	Total Organic Carbon	J	Equipment blank contamination (0.34 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for sediment samples collected on the same date (none)
600-49066-6	Equipment Blank 7		Water	Total/NA	3010A	6010B	70604	70835	01/23/12 05:50	01/25/12 11:48	Cadmium	J	Equipment blank contamination (0.0022 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)
600-49066-6	Equipment Blank 7		Water	Total/NA	3010A	6010B	70604	70835	01/23/12 05:50	01/25/12 11:48	Lead	J	Equipment blank contamination (0.0055 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)
600-49066-5	Field Blank 3		Water	Total/NA	TX_1005_W_Prep	TX 1005	70763	70845	01/24/12 16:07	01/25/12 14:22	>C12-C28	J	Field blank contamination (1.71 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none, all ND)
600-49066-5	Field Blank 3		Water	Total/NA	TX_1005_W_Prep	TX 1005	70763	70845	01/24/12 16:07	01/25/12 14:22	C6-C35	J	Field blank contamination (1.71 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none, all ND)
600-49143-10	Equipment Blank 8		Water	Total/NA	3010A	6010B	70604	70835	01/23/12 05:50	01/25/12 12:30	Cadmium	J	Equipment blank contamination (0.0005 J mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date
600-49143-10	Equipment Blank 8		Water	Total/NA	3010A	6010B	70604	70835	01/23/12 05:50	01/25/12 12:30	Lead		Equipment blank contamination (0.0542 mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date

Sample					Method		Batch		Date/Time		Analyte		Validation	
Lab ID	**Client ID**	**Type**	**Matrix**	**Prep Type**	**Prep**	**Analy**	**Prep**	**Analy**	**Prep**	**Analy**	**Name**	**Lab Flag**	**QC Deficiency**	**Action**
600-50964-3	Equipment Blank 9		Water	Total/NA	3010A	6010B	73114	73279	02/24/12 05:03	02/27/12 12:13	Lead		Equipment blank contamination (0.0128 mg/L)	U at RL to Js, J+ to detects <10x blank equivalent concentration for soil samples collected on the same date (none)
LLCCV RECOVERY														
CRI 600-69825/77		CRI	Water			6010B		69825		01/11/12 12:21	Antimony		High ending LLCCV recovery (133%)	J+ to detects for samples analyzed on the same shift (none)
CRI 600-71232/143		CRI	Water			6010B		71232		01/31/12 16:30	Lead	J	Low ending LLCCV recovery (67%)	J-/UJ to detects/NDs for samples analyzed on the same shift
CRI 600-73163/6		CRI	Water			6010B		73163		02/24/12 06:48	Lead	J	Low beginning LLCCV recovery (51%)	J-/UJ to detects/NDs for samples analyzed on the same shift
CRI 600-73163/100		CRI	Water			6010B		73163		02/24/12 13:01	Lead	J	Low ending LLCCV recovery (56%)	J-/UJ to detects/NDs for samples analyzed on the same shift

TABLE 4
EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER
JANUARY/FEBRUARY 2012 SAMPLING EVENT

QUALIFIED SAMPLE RESULTS

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-48312-6	2012-SDA-1 (0-2')	Solid	Total/ NA	6010B	Cadmium	1.24		0.0330	0.322	1.5	mg/Kg	J	none	Poor MD precision (difference > +/- 1xRL)
600-48312-6	2012-SDA-1 (0-2')	Solid	Total/ NA	6010B	Lead	164	b	0.135	0.643	3	mg/Kg	J	none	Extremely low MS recovery (-12%); Extremely low MSD recovery (-137%); Low PDS recovery (70%); Poor MD precision (136 RPD); Poor MSD precision (67 RPD)
600-48312-7	2012-SDA-1 (2-4')	Solid	Total/ NA	6010B	Cadmium	0.0580	J	0.0327	0.319	1.5	mg/Kg	U	0.319	Equipment blank contamination (0.0008 J mg/L)
600-48312-8	2012-SDA-2 (0-2')	Solid	Total/ NA	6010B	Cadmium	6.95		0.0314	0.306	1.5	mg/Kg	J-	none	Low MS recovery (73%); Low MSD recovery (70%)
600-48312-9	2012-SDA-2 (2-4')	Solid	Total/ NA	6010B	Cadmium	0.258	J	0.0311	0.303	1.5	mg/Kg	U	0.303	Equipment blank contamination (0.0008 J mg/L)
600-48312-15	2012-SDA-5 (2-2.9')	Solid	Total/ NA	6010B	Cadmium	0.358		0.0263	0.256	1.5	mg/Kg	J+	none	Equipment blank contamination (0.0008 J mg/L)
600-48312-16	2012-BY-1 (0-2')	Solid	Total/ NA	6010B	Cadmium	1.01		0.0284	0.277	1.5	mg/Kg	J	none	Poor MD precision (difference > +/- 1xRL)
600-48312-16	2012-BY-1 (0-2')	Solid	Total/ NA	6010B	Lead	28.4		0.116	0.553	3	mg/Kg	J	none	High MS recovery (738%); High MSD recovery (867%); Poor MD precision (112 RPD)
600-48440-5	2012 CUFT-1(0-2')	Solid	Total/ NA	6010B	Antimony	0.293	U	0.293	3.16	5.4	mg/Kg	R	none	Low LCS recovery (69%); Low MS recovery (30%); Extremely low MSD recovery (29%)
600-48440-5	2012 CUFT-1(0-2')	Solid	Total/ NA	6010B	Arsenic	7.18		0.276	1.27	5	mg/Kg	J	none	Poor MD precision (difference > +/- 1xRL)
600-48440-5	2012 CUFT-1 (0-2')	Solid	Total/ NA	6010B	Barium	50.8	b	0.0143	1.27	440	mg/Kg	J	none	Low MSD recovery (51%); Poor MD precision (70 RPD)
600-48440-5	2012 CUFT-1 (0-2')	Solid	Total/ NA	6010B	Chromium	8.22		0.0641	0.633	2400	mg/Kg	J	none	Poor MD precision (33 RPD)
600-48440-5	2012 CUFT-1 (0-2')	Solid	Total/ NA	6010B	Nickel	12.4		0.148	1.27	160	mg/Kg	J	none	Poor MD precision (61 RPD)
600-48440-5	2012 CUFT-1 (0-2')	Solid	Total/ NA	6010B	Zinc	54.5	b	0.137	1.90	2400	mg/Kg	J	none	Poor MD precision (27 RPD)
600-48440-6	2012 CUFT-2 (0-2')	Solid	Total/ NA	6010B	Antimony	0.283	U	0.283	3.06	5.4	mg/Kg	R	none	Low LCS recovery (69%); Low MS recovery (30%); Extremely low MSD recovery (29%)
600-48440-6	2012 CUFT-2 (0-2')	Solid	Total/ NA	6010B	Arsenic	6.83		0.267	1.22	5	mg/Kg	J	none	Poor MD precision (difference > +/- 1xRL)

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-48440-6	2012 CUFT-2 (0-2')	Solid	Total/ NA	6010B	Barium	49.5	b	0.0139	1.22	440	mg/Kg	J	none	Poor MD precision (70 RPD)
600-48440-6	2012 CUFT-2 (0-2')	Solid	Total/ NA	6010B	Chromium	9.52		0.0619	0.612	2400	mg/Kg	J	none	Poor MD precision (33 RPD)
600-48440-6	2012 CUFT-2 (0-2')	Solid	Total/ NA	6010B	Nickel	9.07		0.143	1.22	160	mg/Kg	J	none	Poor MD precision (61 RPD)
600-48440-6	2012 CUFT-2 (0-2')	Solid	Total/ NA	6010B	Zinc	45.2	b	0.133	1.84	2400	mg/Kg	J	none	Poor MD precision (27 RPD)
600-48624-1	2012-NDA-3 (0-2')	Solid	Total/ NA	6010B	Lead	2410		0.115	0.548	3	mg/Kg	J	none	Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-2	2012-NDA-3 (17-19')	Solid	Total/ NA	6010B	Lead	8.88		0.137	0.653	3	mg/Kg	J	none	Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-3	2012-NDA-2 (0-2')	Solid	Total/ NA	6010B	Lead	284		0.125	0.596	3	mg/Kg	J	none	Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-4	2012-NDA-2 (2-4')	Solid	Total/ NA	6010B	Lead	1030		0.132	0.629	3	mg/Kg	J	none	Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-5	2012-NDA-2 (16-18')	Solid	Total/ NA	6010B	Cadmium	0.0364	J	0.0311	0.303	1.5	mg/Kg	J	none	Result is between SDL and SQL
600-48624-5	2012-NDA-2 (16-18')	Solid	Total/ NA	6010B	Lead	13.5		0.127	0.607	3	mg/Kg	J	none	Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-6	2012-NDA-1 (0-2')	Solid	Total/ NA	6010B	Lead	318		0.132	0.628	3	mg/Kg	J	none	Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-7	2012-NDA-1 (2-4')	Solid	Total/ NA	6010B	Lead	7060		1.35	6.44	3	mg/Kg	J	none	Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-9	2012-SL-1 (0-2')	Solid	Total/ NA	6010B	Lead	379		0.133	0.633	3	mg/Kg	J	none	Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-10	2012-SL-1 (2-4')	Solid	Total/ NA	6010B	Lead	7970		1.25	5.97	3	mg/Kg	J	none	Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-11	2012-SL-2 (0-2')	Solid	Total/ NA	6010B	Lead	83.8		0.131	0.624	3	mg/Kg	J	none	Extremely low MSD recovery (28%); Low PDS recovery (69%); SD indicates matrix interference (12 %D); Poor MD precision (57 RPD); Poor MSD precision (30 RPD)
600-48624-13	2012-SL-2 (Recon GW)	Water	Total/ NA	6010B	Cadmium	0.000790	J	0.000350	0.00500	0.005	mg/L	U	0.00500	Calibration blank contamination (0.0005100 J mg/L)
600-48624-16	2012-SL-3 (Recon GW)	Water	Total/ NA	6010B	Cadmium	0.000520	J	0.000350	0.00500	0.005	mg/L	U	0.00500	Calibration blank contamination (0.0005100 J mg/L)
600-48724-1	2012-SED-1	Solid	Total/ NA	6010B	Cadmium	0.338	J	0.0358	0.349	3	mg/Kg	J	none	Low MS recovery (73%); Low MSD recovery (68%); Low PDS recovery (68%); Result is between SDL and SQL
600-48724-1	2012-SED-1	Solid	Total/ NA	6010B	Lead	7.09		0.146	0.698	81.9	mg/Kg	J-	none	Low MS recovery (74%); Low MSD recovery (67%); Low PDS recovery (68%); SD indicates matrix interference (22 %D)
600-48724-2	2012-SED-2	Solid	Total/ NA	6010B	Cadmium	0.794		0.0282	0.275	3	mg/Kg	J-	none	Low MS recovery (73%); Low MSD recovery (68%); Low PDS recovery (68%)

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-48724-2	2012-SED-2	Solid	Total/ NA	6010B	Lead	15.1		0.115	0.550	81.9	mg/Kg	J-	none	Low MS recovery (74%); Low MSD recovery (67%); Low PDS recovery (68%); SD indicates matrix interference (22 %D)
600-48724-3	2012-SED-3	Solid	Total/ NA	6010B	Cadmium	1.40		0.0287	0.280	3	mg/Kg	J-	none	Low MS recovery (73%); Low MSD recovery (68%); Low PDS recovery (68%)
600-48724-3	2012-SED-3	Solid	Total/ NA	6010B	Lead	17.1		0.117	0.559	81.9	mg/Kg	J-	none	Low MS recovery (74%); Low MSD recovery (67%); Low PDS recovery (68%); SD indicates matrix interference (22 %D)
600-48724-4	2012-SED-4	Solid	Total/ NA	6010B	Cadmium	2.08		0.0297	0.290	3	mg/Kg	J-	none	Low MS recovery (73%); Low MSD recovery (68%); Low PDS recovery (68%)
600-48724-4	2012-SED-4	Solid	Total/ NA	6010B	Lead	14.9		0.121	0.579	81.9	mg/Kg	J-	none	Low MS recovery (74%); Low MSD recovery (67%); Low PDS recovery (68%); SD indicates matrix interference (22 %D)
600-48724-5	2012-SED-5	Solid	Total/ NA	6010B	Cadmium	1.43		0.0291	0.283	3	mg/Kg	J-	none	Low MS recovery (73%); Low MSD recovery (68%); Low PDS recovery (68%)
600-48724-5	2012-SED-5	Solid	Total/ NA	6010B	Lead	10.9		0.119	0.567	81.9	mg/Kg	J-	none	Low MS recovery (74%); Low MSD recovery (67%); Low PDS recovery (68%); SD indicates matrix interference (22 %D)
600-48724-6	2012-SED-6	Solid	Total/ NA	6010B	Cadmium	1.03		0.0296	0.288	3	mg/Kg	J-	none	Low MS recovery (73%); Low MSD recovery (68%); Low PDS recovery (68%)
600-48724-6	2012-SED-6	Solid	Total/ NA	6010B	Lead	10.4		0.121	0.577	81.9	mg/Kg	J-	none	Low MS recovery (74%); Low MSD recovery (67%); Low PDS recovery (68%); SD indicates matrix interference (22 %D)
600-48724-7	2012-SED-7	Solid	Total/ NA	6010B	Cadmium	0.844		0.0316	0.308	3	mg/Kg	J-	none	Low MS recovery (73%); Low MSD recovery (68%); Low PDS recovery (68%)
600-48724-7	2012-SED-7	Solid	Total/ NA	6010B	Lead	10.4		0.129	0.616	81.9	mg/Kg	J-	none	Low MS recovery (74%); Low MSD recovery (67%); Low PDS recovery (68%); SD indicates matrix interference (22 %D)
600-48724-8	2012-SED-8	Solid	Total/ NA	6010B	Cadmium	0.858		0.0277	0.270	3	mg/Kg	J-	none	Low MS recovery (73%); Low MSD recovery (68%); Low PDS recovery (68%)
600-48724-8	2012-SED-8	Solid	Total/ NA	6010B	Lead	8.99		0.113	0.540	81.9	mg/Kg	J-	none	Low MS recovery (74%); Low MSD recovery (67%); Low PDS recovery (68%); SD indicates matrix interference (22 %D)
600-48724-9	2012-SED-9	Solid	Total/ NA	6010B	Cadmium	0.788		0.0332	0.323	3	mg/Kg	J-	none	Low MS recovery (73%); Low MSD recovery (68%); Low PDS recovery (68%)

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-48724-9	2012-SED-9	Solid	Total/ NA	6010B	Lead	11.5		0.136	0.647	81.9	mg/Kg	J-	none	Low MS recovery (74%); Low MSD recovery (67%); Low PDS recovery (68%); SD indicates matrix interference (22 %D)
600-48830-1	2012-SED-10	Solid	Total/ NA	6010B	Cadmium	0.897		0.0300	0.293	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-1	2012-SED-10	Solid	Total/ NA	6010B	Lead	6.57		0.123	0.585	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-2	2012-SED-11	Solid	Total/ NA	6010B	Cadmium	0.768		0.0286	0.279	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-2	2012-SED-11	Solid	Total/ NA	6010B	Lead	8.82		0.117	0.558	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-3	2012-SED-12	Solid	Total/ NA	6010B	Cadmium	0.723		0.0328	0.320	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-3	2012-SED-12	Solid	Total/ NA	6010B	Lead	17.7		0.134	0.640	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-4	2012-SED-13	Solid	Total/ NA	6010B	Cadmium	1.05		0.0281	0.274	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-4	2012-SED-13	Solid	Total/ NA	6010B	Lead	19.2		0.115	0.549	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-4	2012-SED-13	Solid	Total/ NA	9060A	Total Organic Carbon	3.78	J	1.70	4.00	NA	g/Kg	J	none	Result is between SDL and SQL
600-48830-5	2012-SED-14	Solid	Total/ NA	6010B	Cadmium	0.968		0.0296	0.289	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-5	2012-SED-14	Solid	Total/ NA	6010B	Lead	5.70		0.121	0.578	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-6	2012-SED-15	Solid	Total/ NA	6010B	Cadmium	0.710		0.0329	0.321	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-6	2012-SED-15	Solid	Total/ NA	6010B	Lead	10.6		0.135	0.642	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-7	2012-SED-16	Solid	Total/ NA	6010B	Cadmium	1.19		0.0305	0.297	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-7	2012-SED-16	Solid	Total/ NA	6010B	Lead	17.8		0.125	0.594	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-8	2012-SED-17	Solid	Total/ NA	6010B	Cadmium	0.779		0.0300	0.293	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-8	2012-SED-17	Solid	Total/ NA	6010B	Lead	28.2		0.123	0.585	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-9	2012-SED-18	Solid	Total/ NA	6010B	Cadmium	0.818		0.0294	0.287	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-9	2012-SED-18	Solid	Total/ NA	6010B	Lead	20.1		0.120	0.574	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-10	2012-SED-19	Solid	Total/ NA	6010B	Cadmium	0.975		0.0292	0.285	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-10	2012-SED-19	Solid	Total/ NA	6010B	Lead	23.4		0.119	0.570	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-48830-11	2012-SED-20	Solid	Total/ NA	6010B	Cadmium	0.688		0.0297	0.290	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-11	2012-SED-20	Solid	Total/ NA	6010B	Lead	12.1		0.122	0.580	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-12	2012-SED-21	Solid	Total/ NA	6010B	Cadmium	1.11		0.0283	0.276	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-12	2012-SED-21	Solid	Total/ NA	6010B	Lead	10.4		0.116	0.552	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-13	2012-SED-22	Solid	Total/ NA	6010B	Cadmium	1.06		0.0289	0.281	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-13	2012-SED-22	Solid	Total/ NA	6010B	Lead	10.4		0.118	0.563	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-14	2012-SED-23	Solid	Total/ NA	6010B	Cadmium	0.996		0.0281	0.274	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-14	2012-SED-23	Solid	Total/ NA	6010B	Lead	11.1		0.115	0.549	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-15	2012-SED-24	Solid	Total/ NA	6010B	Cadmium	0.743		0.0319	0.311	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-15	2012-SED-24	Solid	Total/ NA	6010B	Lead	19.7		0.131	0.623	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48830-16	2012-SED-25	Solid	Total/ NA	6010B	Cadmium	0.827		0.0290	0.283	3	mg/Kg	J-	none	Low MS recovery (57%); Low MSD recovery (66%)
600-48830-16	2012-SED-25	Solid	Total/ NA	6010B	Lead	11.9		0.119	0.566	81.9	mg/Kg	J	none	Low MSD recovery (67%); Poor MD precision (33 RPD)
600-48993-2	2012-MW-14	Water	Total/ NA	6010B	Lead	0.00311	J	0.00290	0.0100	0.015	mg/L	J	none	Result is between SDL and SQL
600-48993-8	2012-MW-16S	Water	Dissol ved	6010B	Lead	0.00299	J	0.00290	0.0100	0.015	mg/L	J	none	Result is between SDL and SQL
600-48997-1	2012-SW-1	Water	Dissol ved	6010B	Cadmium	0.00190	J	0.000350	0.00500	0.000236	mg/L	J	none	Result is between SDL and SQL
600-48997-1	2012-SW-1	Water	Dissol ved	6010B	Lead	0.00460	J	0.00290	0.0100	0.00115	mg/L	J	none	Result is between SDL and SQL
600-48997-1	2012-SW-1	Water	Total/ NA	6010B	Cadmium	0.00100	J	0.000350	0.00500	NA	mg/L	J	none	Result is between SDL and SQL
600-48997-2	2012-SW-2	Water	Dissol ved	6010B	Cadmium	0.00200	J	0.000350	0.00500	0.000236	mg/L	J	none	Result is between SDL and SQL
600-48997-2	2012-SW-2	Water	Dissol ved	6010B	Lead	0.00370	J	0.00290	0.0100	0.00115	mg/L	J	none	Result is between SDL and SQL
600-48997-2	2012-SW-2	Water	Total/ NA	6010B	Cadmium	0.000900	J	0.000350	0.00500	NA	mg/L	J	none	Result is between SDL and SQL
600-48997-7	2012-SW-7	Water	Total/ NA	6010B	Lead	0.00320	J	0.00290	0.0100	NA	mg/L	J	none	Result is between SDL and SQL
600-48997-8	2012-SW-8	Water	Total/ NA	6010B	Lead	0.00360	J	0.00290	0.0100	NA	mg/L	J	none	Result is between SDL and SQL
600-48997-11	2012-SW-11	Water	Dissol ved	6010B	Cadmium	0.000600	J	0.000350	0.00500	0.000236	mg/L	J	none	Result is between SDL and SQL
600-48997-16	2012-SW-DUP	Water	Total/ NA	6010B	Lead	0.00300	J	0.00290	0.0100	NA	mg/L	J	none	Result is between SDL and SQL

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-49063-1	2012-LMW-NE	Water	Dissolved	6010B	Lead	0.00290	U	0.00290	0.0100	0.015	mg/L	UJ	none	Low ending LLCCV recovery (67%)
600-49063-1	2012-LMW-NE	Water	Total/NA	6010B	Lead	0.00290	U	0.00290	0.0100	0.015	mg/L	UJ	none	Low ending LLCCV recovery (67%)
600-49063-2	2012-MW-20	Water	Total/NA	6010B	Lead	0.00290	U	0.00290	0.0100	0.015	mg/L	UJ	none	Low ending LLCCV recovery (67%)
600-49063-3	2012-B4R	Water	Total/NA	6010B	Cadmium	0.000620	J	0.000350	0.00500	0.005	mg/L	J	none	Result is between SDL and SQL
600-49063-3	2012-B4R	Water	Total/NA	6010B	Lead	0.0761		0.00290	0.0100	0.015	mg/L	J-	none	Low ending LLCCV recovery (67%)
600-49063-4	2012-MW-17	Water	Dissolved	6010B	Lead	0.00290	U	0.00290	0.0100	0.015	mg/L	UJ	none	Low ending LLCCV recovery (67%)
600-49063-4	2012-MW-17	Water	Total/NA	6010B	Lead	0.00411	J	0.00290	0.0100	0.015	mg/L	J	none	Low ending LLCCV recovery (67%); Result is between SDL and SQL
600-49066-1	2012-FWCS-9	Solid	Total/NA	6010B	Cadmium	3.07		0.0361	0.352	1.5	mg/Kg	J	none	Poor MD precision (29 RPD)
600-49066-1	2012-FWCS-9	Solid	Total/NA	6010B	Lead	81.3		0.147	0.703	3	mg/Kg	J	none	Poor MSD precision (24 RPD)
600-49066-2	2012-FWCS-1	Solid	Total/NA	6010B	Cadmium	10.0		0.0330	0.321	1.5	mg/Kg	J	none	Poor MD precision (29 RPD)
600-49066-2	2012-FWCS-1	Solid	Total/NA	6010B	Lead	2240		0.135	0.643	3	mg/Kg	J	none	Poor MSD precision (24 RPD)
600-49066-3	2012-FWCS-8	Solid	Total/NA	6010B	Cadmium	234		0.0342	0.333	1.5	mg/Kg	J	none	Poor MD precision (29 RPD)
600-49066-3	2012-FWCS-8	Solid	Total/NA	6010B	Lead	853		0.140	0.666	3	mg/Kg	J	none	Poor MSD precision (24 RPD)
600-49143-1	2012-FWCS-7	Solid	Total/NA	6010B	Lead	63.9		0.149	0.713	3	mg/Kg	J	none	SD indicates matrix interference (27 %D); Poor MSD precision (51 RPD)
600-49143-2	2012-FWCS-6	Solid	Total/NA	6010B	Lead	253		0.136	0.648	3	mg/Kg	J	none	SD indicates matrix interference (27 %D); Poor MSD precision (51 RPD)
600-49143-3	2012-FWCS-5	Solid	Total/NA	6010B	Lead	224		0.132	0.631	3	mg/Kg	J	none	SD indicates matrix interference (27 %D); Poor MSD precision (51 RPD)
600-49143-4	2012-FWCS-4	Solid	Total/NA	6010B	Cadmium	0.116	J	0.0362	0.353	1.5	mg/Kg	U	0.353	Equipment blank contamination (0.0005 J mg/L)
600-49143-4	2012-FWCS-4	Solid	Total/NA	6010B	Lead	158		0.148	0.707	3	mg/Kg	J	none	SD indicates matrix interference (27 %D); Poor MSD precision (51 RPD)
600-49143-5	2012-FWCS-3	Solid	Total/NA	6010B	Cadmium	0.145	J	0.0320	0.312	1.5	mg/Kg	U	0.312	Equipment blank contamination (0.0005 J mg/L)
600-49143-5	2012-FWCS-3	Solid	Total/NA	6010B	Lead	35.0		0.131	0.624	3	mg/Kg	J	none	SD indicates matrix interference (27 %D); Poor MSD precision (51 RPD)
600-49143-6	2012-FWCS-2	Solid	Total/NA	6010B	Cadmium	0.0756	J	0.0313	0.305	1.5	mg/Kg	U	0.305	Equipment blank contamination (0.0005 J mg/L)
600-49143-6	2012-FWCS-2	Solid	Total/NA	6010B	Lead	23.6		0.128	0.610	3	mg/Kg	J	none	SD indicates matrix interference (27 %D); Poor MSD precision (51 RPD)
600-49143-6	2012-FWCS-2	Solid	Total/NA	TX 1005	>C12-C28	30.5	J	7.59	31.3	200	mg/Kg	J	none	Result is between SDL and SQL
600-49143-6	2012-FWCS-2	Solid	Total/NA	TX 1005	C6-C35	30.5	J	12.0	31.3	NA	mg/Kg	J	none	Result is between SDL and SQL

Lab ID	Client ID	Matrix	Prep Type	Analysis Method	Analyte	Result	Flag	SDL	SQL	Delin. Std	Unit	DVQ	Adjusted Result	Comment
600-50964-1	2012-NDA-4 (2-4)	Solid	Total/ NA	6010B	Lead	228		0.131	0.623	3	mg/Kg	J-	none	Low beginning LLCCV recovery (51%); Low ending LLCCV recovery (56%)
600-50964-2	2012-NDA-6 (0-2)	Solid	Total/ NA	6010B	Lead	113		0.131	0.625	3	mg/Kg	J-	none	Low beginning LLCCV recovery (51%); Low ending LLCCV recovery (56%)

TABLE 5
EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER
JANUARY/FEBRUARY 2012 SAMPLING EVENT

FIELD DUPLICATE SUMMARY

Media	Original Sample ID	Field Duplicate ID	Collection Date	Prep Type	Analysis Method	Analyte	Original Sample		Field Duplicate		Unit	Abs Diff	2x SQL	RPD	Pass
							Result	Flag	Result	Flag					
GW	2012-MW-18	2012-MW-FD	1/17/2012	Total/NA	300.0	Sulfate	453		455		mg/L	NA	100	0.44	yes
GW	2012-MW-18	2012-MW-FD	1/17/2012	Dissolved	6010B	Cadmium	0.00035	U	0.00035	U	mg/L	0	0.01	0	yes
GW	2012-MW-18	2012-MW-FD	1/17/2012	Dissolved	6010B	Lead	0.0029	U	0.0029	U	mg/L	0	0.02	0	yes
GW	2012-MW-18	2012-MW-FD	1/17/2012	Total/NA	6010B	Cadmium	0.00035	U	0.00035	U	mg/L	0	0.01	0	yes
GW	2012-MW-18	2012-MW-FD	1/17/2012	Total/NA	6010B	Lead	0.0029	U	0.0029	U	mg/L	0	0.02	0	yes
GW	2012-MW-18	2012-MW-FD	1/17/2012	Total/NA	SM 2540C	TDS	1040		1220		mg/L	NA	20	16	yes
SW	2012-SW-7	2012-SW-DUP	1/17/2012	Dissolved	6010B	Cadmium	0.00035	U	0.00035	U	mg/L	0	0.01	0	yes
SW	2012-SW-7	2012-SW-DUP	1/17/2012	Dissolved	6010B	Lead	0.0029	U	0.0029	U	mg/L	0	0.02	0	yes
SW	2012-SW-7	2012-SW-DUP	1/17/2012	Total/NA	6010B	Cadmium	0.00035	U	0.00035	U	mg/L	0	0.01	0	yes
SW	2012-SW-7	2012-SW-DUP	1/17/2012	Total/NA	6010B	Lead	0.0032	J	0.003	J	mg/L	0.0002	0.02	6.5	yes

ATTACHMENT A
VALIDATOR'S CHECKLISTS

Data Validation Checklist - General

Client Name: PBW		Project Number/ Manager: 1732/Chris Moore		
Site Name: Exide		QC Level: IV		
Laboratory: TestAmerica (Houston)		Laboratory Job No: see below		
Reviewer: Taryn Scholz		Date Checked: 2/23/12		
Parameters: Cd/Pb, TPH, Sulfate, TDS, TOC		Methods: see following sheets		
ITEM	**YES**	**NO**	**N/A**	**CRITERIA**
Laboratory NELAP accredited?	x			
Signed Narrative included?	x			
No analytical discrepancies noted in narrative?		x		see Narrative Comments
Chain of Custody (COC)/ Sample Receipt				
Date/time of sample collection included?	x			
Sample temp upon receipt 2-6 C?		x		see comment no. 1
Proper containers/preservation?	x			
COCs properly executed and seals used?	x			some minor discrepancies, see comment no. 2
Samples received within 2 days?	x			
No. of samples analyzed agrees with work plan?		x		(Sampling and Analysis Work Plan, Rev Nov 2011) see comment no. 3
Analytical Results				
Field, Laboratory, and Batch ID included?	x			
Date of sample collection/receipt included?	x			
Date of sample preparation/analysis included?	x			
NDs at DL or QL and J-values as needed?	x			NDs at SDL and J-values reported (MDL=MQL for TDS,%M,FP,pH); MDL,MQL (Unadj),SDL included in HC; SDL and SQL included in EDD; no RLs for Grain
Target analyte list complete?	x			
RLs acceptable?		x		SDL <= Delineation Std for NDs; see comment no. 4
MDLs reasonable per DCS?		x		DCS spike within approx 3x MDL and within 3 mos; see comment no. 5
No sample dilutions required?		x		dilutions only for detects
Prep/Analysis method references included?	x			
Sample matrix included?	x			
Sample result units reported correctly?	x			mg/kg for soils exc TOC in g/kg and mg/L for waters
Soils/sediments on dry weight?	x			
Holding time to analysis not expired?	x			
Holding time to preparation not expired?	x			
QC Samples				
Lab QC frequency met?	x			1 MB/LCS per 20 (also used LCSD for TOC)
Field duplicate frequency met?	x			1/20 for SW, GW
Equipment blank frequency met?	x			1/day/reusable eq type (none req'd or collected for GW or SW)
Field blank frequency met?	x			1/day/eq type for VOC (i.e., TPH)
Trip blank frequency met?	x			1/cooler w VOC (i.e., TPH)
MS/MSD or MS/DUP frequency met?	x			1/20 for SW, Sed, GW (MD for TDS) - also done for soils
Completeness criteria met?				
Field Notes				
Agree with custody records?			x	not included
Field instruments calibrated daily?			x	
Well conditions constant before sampling?			x	
Samples filtered? If so, give turbid/size			x	

Definitions: AA - Atomic Absorption; CCV - Continuing Calibration Verification; COI - Compound of Interest; %D - Percent Difference, DL - Detection Limit; DUP - Duplicate; FDUP - Field Duplicate; ICP - Inductively Coupled Plasma; ICV - Initial Calibration Verification; IDL - Instrument Detection Limit; LCS - Laboratory Control Sample; MDL - Method Detection Limit; MS/MSD - Matrix Spike/Matrix Spike Duplicate; QL - Quantitation Limit; %R - Percent Recovery; RL - Reporting Limit; RPD - Relative Percent Difference; RRF - Relative Response Factor; RT - Retention Time; RSD - Relative Standard Deviation; TA - Target Analyte

COMMENTS

Laboratory Job No: 600-48312-1, 600-48380-1, 600-48440-1, 600-48624-1, 600-48724-1, 600-48830-1, 600-48993-1, 600-48997-1, 600-49063-1, 600-49143-1, 600-50964-1 (grain size tests and IDW samples not included in validation)

Comment no. 1
The samples in work order 600-50964 (2012-NDA-4 (2-4) and 2012-NDS-6 (0-2)) were received at 7.9 C. The samples were analyzed for total lead, which requires preservation at 4±2 C per Table 3 in the QAPP. However, no preservation is required for metals in solid samples per the analytical method and thus analyte degradation is not suspected and the sample results were not qualified.
Comment no. 2
For samples 600-48312-10 and -11, the sampler did not request any test on the custody record. The laboratory assigned the correct test of Cd/Pb upon receipt per the sampler's instructions.
For sample 600-48440-6, the sampler entered a field ID of 2012 CUFT-1 (0-2') on the custody record. The laboratory assigned the correct ID of 2012 CUFT-2 (0-2') upon receipt per the sampler's instructions.
For sample 600-48440-7, the sampler entered a field ID of Trip Blank (1/6/2012) on the custody record. The laboratory assigned an ID of Trip Blank. No further action was taken for this field QC blank.
For work order 600-48724-1, the laboratory custodian signed for receipt of the samples with an incorrect date of 1/11/12. The correct date is 1/12/12 as shown on the sample summary in the laboratory package.
For sample 600-48724-10, the sampler entered a matrix of 'Sed' on the custody record. The laboratory assigned a correct matrix of 'water' for this equipment blank upon receipt.
For work order 600-48993-1, the sampler entered sample 2012-MW-17 on the custody record but the sample was not included in this shipment. The sample was collected the next day and shipped in work order 600-49063-1.
For work order 600-49063-1, the sampler did not enter a sample matrix on the custody record. The laboratory assigned a correct matrix of 'water' for these groundwater samples upon receipt.
For sample 600-48997-1, the sampler entered a collection time of 942 on the custody record. The laboratory assigned a slightly different collection time of 945.
For sample 600-49066-7, the sampler entered a field ID of Trip Blank (1/18/12) on the custody record. The laboratory assigned an ID of Trip Blank. No further action was taken for this field QC blank.
All samples were transferred from the site and between the laboratories with a custody seal on the shipping container except one. For work order 600-48830-1, which includes samples for the Grain Size test that was subcontracted to TAL-Burlington, sample 201 SED-13 was mistakenly not included in the first shipment from TAL-Houston to TAL-Burlington. This sample was shipped separately without a custody seal.
For sample 600-49143-2, the sampler entered a collection time of 1140 on the custody record. The laboratory assigned a slightly different collection time of 1040.
For sample 600-49143-11, the sampler entered a field ID of Trip Blank 1/19/12 on the custody record. The laboratory assigned an ID of Trip Blank 1/14/12. No further action was taken for this field QC blank.
Comment no. 3
For sample SED-18, the laboratory was unable to perform the TOC test because one or more containers was received broken or leaking.
For groundwater samples 2012-B4R and 2012-MW-20, dissolved Cd/Pb was not requested nor performed due to limited sample volume for these low-producing wells. Total Cd/Pb is reported.
Existing monitoring well B3R was dry and thus was not sampled while existing monitoring well MW-18 was sampled though not planned per the WP.
Also note that the existing monitoring wells B2R and B8N were found damaged beyond repair and thus sampling was not required per the WP.
Comment no. 4
Lab MDL and thus SDL for NDs > delineation std for dissolved Cd and dissolved Pb in surface waters
Comment no. 5
DCS spike for TPH in water at approx 10x MDL, all inv samples for TPH are soils so no effect on data quality

Lab Job No.	Method	Batch/Sample	Narrative Comment	Validator Action
600-48312-1	6010B	69471	J-value for Pb in MB	associated samples flagged per NFG
	6010B	-6 MS/MSD	%R low for Pb due to MI	associated samples flagged per NFG
	6010B	-6 PDS	%R low for Pb due to MI	associated samples flagged per NFG
	6010B	-8 MS/MSD	%R low for Cd due to MI	associated samples flagged per NFG
	6010B	-8 MS/MSD	%R for Pb could not be eval since BG > 4x SA, LCS ok	check waived
	6010B	-16 MS/MSD	%R high for Pb due to MI	associated samples flagged per NFG
	6010B	-6 MSD	RPD for Pb high due to NH nature	associated samples flagged per NFG
	6010B	-6 MD	RPD for Cd/Pb high due to NH nature	associated samples flagged per NFG
	6010B	-16 MD	RPD for Cd/Pb high due to NH nature	associated samples flagged per NFG
	6010B	-5, -18	SDLs elevated for Pb due to high conc	detects only
600-48380-1	6010B	-3	Used lower initial vol due to matrix, RLs elev	detects only
	6010B	69797	J-value for Cd in 1/10 15:33 ICB	NA - QC record for field QC blank only
600-48440-1	6010B	-4	Used lower initial vol due to matrix, RLs elev	detects only
	6010B	69725	J-value for Zn in MB	NA - QC record for field QC blank only
	6010B	69757	J-value for Ba,Zn in MB	associated samples flagged per NFG
	6010B	-5 MS/MSD	%R for Sb low due to MI, LCS ok	associated samples flagged per NFG
	6010B	-5 MS	%R for Sb, Zn low due to MI, LCS ok	none (average MS/MSD recovery (81%) passes)
	6010B	-5 MD	RPD for As, Ba, Cr, Ni, Zn high due to NH nature	associated samples flagged per NFG
	6010B	69997	%R hi for Se in CCV, only applies to QC (PDS, SD) which pass	NA - QC record for field QC blank only
	6010B	69825	J-value for Be in ICB	associated samples flagged per NFG
	6010B	NA	lab used another client's sample for PDS/SD	NA
600-48624-1	6010B	-11 MSD	%R low for Pb due to MI, LCS ok	associated samples flagged per NFG
	6010B	-11 PDS	%R low for Pb due to MI	associated samples flagged per NFG
	6010B	-11 SD	%D high for Pb due to MI	associated samples flagged per NFG
	6010B	-11 MSD	RPD for Pb high due to NH nature	associated samples flagged per NFG
	6010B	-11 MD	RPD for Pb high due to NH nature	associated samples flagged per NFG
	6010B	70673	J-value for Pb in 1/23 14:49 CCB	actually Cd, associated samples flagged per NFG
	6010B	-7, -10	SDLs elevated for Pb due to high conc	detects only
600-48724-1	6010B	69977	J-value for Cd in MB	NA - QC record for field QC blank only
	6010B	-6 MS/MSD	%R for Cd, Pb low due to MI, LCS ok	associated samples flagged per NFG
	6010B	-6 PDS	%R for Cd, Pb low due to MI	associated samples flagged per NFG
	6010B	-6 SD	%D high for Pb due to MI	associated samples flagged per NFG
600-48830-1	6010B	-4	not rec'd at TA-Burlington	noted
	6010B	-9	container(s) broken	noted
	6010B	-12 MS/MSD	%R low for Cd due to MI, LCS ok	associated samples flagged per NFG
	6010B	-12 MS	%R low for Pb due to MI, LCS ok	associated samples flagged per NFG
	6010B	-12 MD	RPD for Pb high due to NH nature	associated samples flagged per NFG
	6010B	NA	lab used another client's sample for PDS/SD	NA
600-48993-1	6010B	-17	sample not rec'd	noted
600-48997-1			nothing noted	NA
600-49063-1			nothing noted	NA
600-49066-1	6010B	-2 MS	%R low for Cd due to MI, LCS ok	None (average MS/MSD recovery (75%) passes)
	6010B	-2 MS/MSD	%R low for Pb but not flagged since BG > 4x SA, LCS ok	check waived
	6010B	-2 MSD	RPD for Pb high due to NH nature	associated samples flagged per NFG
	6010B	-2 MD	RPD for Cd high due to NH nature	associated samples flagged per NFG
	6010B	NA	lab used another client's sample for PDS/SD	NA
600-49143-1	6010B	-1 MS/MSD	%R high/low for Pb due to MI, LCS ok	associated samples flagged per NFG
	6010B	-1 MSD	RPD for Pb high due to NH nature	associated samples flagged per NFG
	6010B	-1 SD	%D high for Pb due to MI	associated samples flagged per NFG
	6010B	70888	J-value for Cd in ICS and 1/25 16:11 CCB	NA - QC for IDW sample only
	TX 1005	71145	%R high for SU in 1/28 2:38 CCV, only applies to sx 6, which passes	noted
600-50964-1			nothing noted	NA

Data Validation Checklist: GC

Client Name: PBW			Project Number/ Manager: 1732/Chris Moore			
Site Name: Exide			QC Level: IV			
Laboratory: TestAmerica (Houston)			Laboratory Job No: 600-48380-1, 600-48440-1, 600-49066-1			
Reviewer: Taryn Scholz			Date Checked: 2/23/12			
Parameters: TPH			Methods: TX1005			
%PERFORMED/ ITEM			**YES**	**NO**	**N/A**	**CRITERIA**
	Method blank data included in Lab Package?		x			
	Criteria met? (<MDL)		x			
100	Criteria met for field blanks? (<MDL)			x		
	QC check samples/LCS data included in lab package?		x			
	All project COCs or TAs included?			x		>C28-C35 not spiked
	%R criteria met? (individual and overall)		x			method (75-125%)
100	RPD criteria met?				x	
	Matrix spike data included in lab package?		x			
	%R criteria met? (individual and overall)		x			method (75-125%)
100	RPD criteria met?		x			method (20%)
	Surrogate data included in lab package?		x			
	Required surrogates included?		x			
100	%R criteria met? (individual and overall)		x			
100	Field dup RPD criteria met? (individual, mean, and overall)				x	20% aq, 35% solid (+/-2RL aq, +/-3RL sol if either ≤5RL)
	Initial calibration documentation included in lab package?		x			
	All target analytes included?		x			
100	%RSD criteria met? (method≤25% or r≥0.995)		x			
	Calibration verification data included in lab package?		x			
100	%R criteria met? (method +/-25%)		x			
	Dual column/detector confirmation used?				x	
NA	%Difference criteria met? (<40%)				x	
10	Analyte qualitative ID criteria met?		x			
10	Analyte quantitation/RLs correct?		x			
	QC parameters calculated correctly?				x	
	Surrogate	**Control Limits**				
	o-Terphenyl	70-130% (aq,sol)				

COMMENTS

Data Validation Checklist: Metals

Client Name: PBW		Project Number/ Manager: 1732/Chris Moore			
Site Name: Exide		QC Level: IV			
Laboratory: TestAmerica (Houston)		Laboratory Job No: see below			
Reviewer: Taryn Scholz		Date Checked: 2/23/12			
Parameters: Cd/Pb		Methods: SW3010A/ SW3050B/ SW6010B			
%PERFORMED/ ITEM		**YES**	**NO**	**N/A**	**CRITERIA**
	Method blank data included in Lab Package?	x			see comment no. 1
	Criteria met? (< MDL,≥ -RL)		x		
100	Criteria met for field blanks? (< MDL)		x		
	QC check samples/LCS data included in lab package?	x			see comment no. 1
	All project COCs or TAs included?	x			
100	%R criteria met? (individual and overall)		x		method (75-125%)
	Matrix spike data included in lab package?	x			see comment no. 1
100	%R criteria met? (individual and overall)		x		method (75-125%)
	Sample duplicate data included in lab package?	x			see comment no. 1
100	RPD criteria met?		x		method (20%), NFG (+/-RL if either≤5RL)
100	Field dup RPD criteria met? (individual, mean, and overall)	x			20% aq, 35% solid (+/-2RL aq, +/-3RL sol if either ≤5RL)
	Instrument Tune for ICP-MS included in lab package?			x	
NA	Instrument Tune method criteria met? (≤5 RSD, ±0.1 amu)			x	
	Initial calibration documentation included in lab package?	x			
	All target analytes included?	x			
	blank/1 std (ICP), blank/ 5 stds (Hg)	x			
100	Corr coeff (r) criteria met? (≥0.995)			x	
	Calibration verification data included in lab package?	x			
	ICB/CCB criteria met? (<MDL,≥-RL)		x		
	ICV %R criteria met? (ICP 90-110%, Hg 80-120%)	x			
	CCV %R criteria met? (ICP 90-110%, Hg 80-120%)	x			
100	LLCCV %R criteria met? (70-130%)		x		reported for instrument TJA1 but not Thermo6500 - not req'd by method so no further action
	Interference check sample data included (ICP/MS only)?	x			
100	%R criteria met? (80-120%)	x			
	Dilution test data included?	x			
100	Results within 10% original? (if >50xMDL)		x		
	Post digestion spike included?	x			
100	%R criteria met?		x		method (75-125%)
	Internal standard data included in lab package?			x	
NA	Intensities within limits? (min 30-120% of calib std)			x	
10	Analyte quantitation/RLs correct?	x			
	QC parameters calculated correctly?			x	

COMMENTS

Laboratory Job No: 600-48312-1, 600-48380-1, 600-48440-1, 600-48624-1, 600-48724-1, 600-48830-1, 600-48993-1, 600-48997-1, 600-49001, 600-49143-1, 600-50964-1

Comment no. 1 - MB, LCS, MS/MSD analyzed multiple times (i.e., in each analytical batch that includes samples from the prep batch)

Total vs Dissolved - %Diff should be > -30% if either > RL, all results ND or <R

Data Validation Checklist: Misc Parameters

Client Name: PBW		Project Number/ Manager: 1732/Chris Moore			
Site Name: Exide		QC Level: IV			
Laboratory: TestAmerica (Houston)		Laboratory Job No: see below			
Reviewer: Taryn Scholz		Date Checked: 2/23/12			
Parameters: Sulfate, TDS, TOC		Methods: EPA300.0/ SW9056, SM2540C, SW9060A			
%	**PERFORMED/ ITEM**	**YES**	**NO**	**N/A**	**CRITERIA**
	Method blank data included in Lab Package?	x			
	Criteria met? (< MDL)	x			
100	Criteria met for field blanks? (< MDL)		x		
	QC check samples/LCS data included in lab package?	x			
	All project COCs or TAs included?	x			
100	%R criteria met? (individual and overall)	x			lab (90-110% SO4/TDS, 88-112%aq,46-130%s TOC)
	Matrix spike data included in lab package?	x			
100	%R criteria met? (individual and overall)	x			lab (80-120% SO4/TDS, 88-112%aq,46-130%s TOC)
	Sample duplicate data included in lab package?	x			
100	RPD criteria met?	x			lab (20%) - lab used 10% for some TDS, valid on 20%
100	Field dup RPD criteria met? (individual, mean, and overall)	x			20% aq, 35% solid (+/-2RL aq, +/-3RL sol if either≤5RL)
	Calibration verification data included in lab package?	x			
	ICV %R criteria met? (90-110%)	x			
100	CCV %R criteria met? (90-110%)	x			
10	Analyte quantitation/RLs correct?	x			
	QC parameters calculated correctly?			x	

COMMENTS

Laboratory Job No: 600-48380-1, 600-48440-1, 600-48724-1, 600-48830-1, 600-48993-1, 600-49063-1

ATTACHMENT B

SUPPLEMENTAL LABORATORY SUBMISSIONS

Loc: 600
48830

TestAmerica Houston
[illegible] Hwwy Street
[illegible], TX 77040
Phone (713) 690-4444 Fax (713) 600-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No.
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 2
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664	PO #:			
Phone: (512) 671-3434	WO #:			
Email: chris.moore@pbwllc.com	Project #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)					Total Number of containers	Special Instructions/Note:
Preservation Code:							I			I					I						
2012-SED-10	1/12/12	0833	G	Sed	N	N	X			X					X					2	
2012-SED-11		0855	G	Sed			X			X					X					2	
2012-SED-12		0924					X			X					X					2	
2012-SED-13		0940					X			X					X					2	
2012-SED-14		1002					X			X					X					2	
2012-SED-15		1020					X			X					X					2	
2012-SED-16		1106					X			X					X					2	
2012-SED-17		1131					X			X					X					2	
2012-SED-18		1151					X			X					X					2	
2012-SED-19		1400					X			X					X					2	
2012-SED-20	↓	1416	↓	↓	↓	↓	X			X					X					2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: Shipped in 2 coolers

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	1/12/12 1801	PBW	Brandi Meeks	1/13/12 0945	TAL
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Houston
6310 Rothway Street
Houston TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carrier Tracking No(s):	COC No.
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 1
Company: Pastor, Behling and Wheeler				Job #: 1732

Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:	
City: Round Rock		
State, Zip: TX, 78664	PO #:	
Phone: (512) 671-3434	WO #:	
Email: chris.moore@pbwllc.com	Project #: 1732	
Project Name: Exide Frisco Recycling Center Work Plan Implementation	SSOW#:	
Site: Exide Frisco Recycling Center		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Number of containers	Special Instructions/Note:
	Preservation Code:						F	D		F,S					I		
2012-SED-21	1/12/12	1435	G	Sed	N	Y	X			X					X	4	
2012-SED-22	"	1506				N	X			X					X	2	
2012-SED-23		1513					X			X					X	2	
2012-SED-24		1600					X			X					N	2	
2012-SED-25		1635					X			X					X	3	2-4oz jars for grainsize
Equipment Blank 6		1650	G	W			X			X						2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Shipped in 2 coolers		
Relinquished by:	Date/Time: 1/12/12 1801	Company: PBW	Received by: Bhonda Meeks	Date/Time: 1/13/12 0945	Company: TAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks

Loc: 600
49143

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

Client Information	Sampler: Chris Moore	Lab PM:	Carr	COC No:
Client Contact: Chris Moore	Phone: (512) 671-3434	E-Mail: chris.moore@pbwllc.com		Page: Page 1 of 1
Company: Pastor, Behling and Wheeler				Job #: 1732
Address: 2201 Double Creek Drive, Suite 4004	Due Date Requested:			
City: Round Rock				
State, Zip: TX, 78664				
Phone: (512) 671-3434	PO #:			
Email: chris.moore@pbwllc.com	WO #:			
Project Name: Exide Frisco Recycling Center Work Plan Implementation	Project #: 1732			
Site: Exide Frisco Recycling Center	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Metals: Cd, Pb	Metals: Dissolved Cd, Dissolved Pb	RCRA Metals: Sb, As, Ba, Be, Cd, Cr, Pb, Ni, Se, Ag, Zn	Total organic carbon (EPA 415.1/9060A)	Sulfate (EPA 9056)	Total Petroleum Hydrocarbons (TX1005)	Total Petroleum Hydrocarbons (TX1006)	Total Dissolved Solids (SM 2540C)	Grain Size (ASTM D422-63)	Total Pb	RCRA 8 metals TCLP	RCT	Total Number of containers	Special Instructions/Note:
			Preservation Code:				I,D					I,A	I.			IV	I	I		
2012-FWCS-7	1/19/12	1110	G	S	N	Y	X					X	X						4	Hold TX1006
2012-FWCS-~~6~~ DUP		1140				N	X					X	X						2	
2012-FWCS-5		1206					X					X	X						2	
2012-FWCS-4		1231					X					X	X						2	
2012-FWCS-3		1255					X					X	X						2	
2012-FWCS-2		1319					X					X	X						2	
Field Blank 4		1445		W								X							3	
IDW 1		1539		S												X	X	X	2	
IDW 2		1551		W												X	X	X	3	
Equipment Blank 8		1609		W			X					X							4	
Trip Blank 1/19/12	—	—	—	W								X								

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		1/19/12 1714	PBW		1/20/12 9:37	TA
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Tel: (713)690-4444

TestAmerica Job ID: 600-73545-2
Client Project/Site: Exide Recycling Center, Frisco TX Projec

For:
Pastor, Behling & Wheeler LLC
2201 Double Creek Dr
Suite 4004
Round Rock, Texas 78664

Attn: Eric Pastor

Authorized for release by:
11/15/2013 1:53:44 PM
Sophia Shah, Project Management Assistant I
sophia.shah@testamericainc.com

Designee for

Sachin Kudchadkar, Senior Project Manager
(713)690-4444
sachin.kudchadkar@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
TRRP Cover Page 3
TRRP Checklists & DCSs 4
Case Narrative 9
Method Summary 10
Sample Summary 11
Client Sample Results 12
Definitions/Glossary 13
QC Sample Results 14
Default Detection Limits 15
QC Association Summary 16
Lab Chronicle 17
Certification Summary 18
Chain of Custody 19
Receipt Checklists 21

TestAmerica Houston
TRRP Data Package Cover Page

Job Number: 600-73545-2

Project Name/Number: Exide Recycling Center, Frisco TX Projec

This Data Package- consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Sophia Shah		11/14/2013
Name (printed)	Signature	Date

Project Management Assistant

Official Title (printed)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 11/14/13
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-73545-2
Reviewer Name: TWR	Prep Batch Number(s): 600-119769- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soil/solid samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?				X	1
		Were MS/MSD RPDs within laboratory QC limits?				X	1
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?				X	2
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				3
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 11/14/13
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-73545-2
Reviewer Name: TWR	Prep Batch Number(s): 600-119769- ICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?			X		
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?			X		
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?				X	4
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 11/14/13
Project Name: Exide Recycling Center, Frisco TX	Laboratory Job Number: 600-73545-2
Reviewer Name: TWR	Prep Batch Number(s): 600-119769- ICP

ER #[1]	DESCRIPTION
1	The laboratory selected a sample from another group to perform as the MS/MSD.
2	The laboratory selected a sample from another group to perform as the DUP.
3	The lead SDL was elevated in sample 73545-17 due to the dilution necessary for analysis.
4	The laboratory selected a sample from another group to perform as the PDS and SD.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

Detection Check Standard

Matrix:	Soil
Method:	6010B
Preparation:	3050
Date Analyzed:	7/2/2013
Date Prepared:	7/2/2013
Instrument:	Thermo 6500
TALS Batches:	109822, 109690
Prep/Reagent Factor =	50
Units:	mg/kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Aluminum	0.299654	0.5	1.67	25
Antimony	0.231553	0.45	0.495	2.5
Arsenic	0.217923	0.5	0.465	1
Barium	0.011322	0.03	0.03	1
Beryllium	0.014513	0.02	0.02	0.25
Boron	0.385535	0.6	0.695	20
Cadmium	0.025642	0.05	0.05	0.25
Calcium	0.86399	1.5	3.42	100
Chromium	0.050606	0.1	0.06	0.5
Cobalt	0.067622	0.1	0.105	0.5
Copper	0.173703	0.5	0.525	0.5
Iron	2.534007	4	3.58	20
Lead	0.104832	0.2	0.205	0.5
Selenium	0.258884	0.5	0.495	2
Manganese	0.038111	0.05	0.02	1.5
Molybdenum	0.136448	0.35	0.34	0.5
Nickel	0.116599	0.15	0.145	1
Silver	0.118848	0.2	0.18	0.5
Sodium	0.885548	2.4	1.805	100
Strontium	0.00252	0.005	1.01	0.25
Thallium	0.276988	0.7	0.655	1.5
Tin	0.08729	0.15	0.12	1
Titanium	0.014529	0.03	0.05	0.5
Vanadium	0.079068	0.15	0.145	0.5
Zinc	0.108432	0.2	0.345	1.5

50

Job ID: 600-73545-2

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-73545-2

Comments
No additional comments.

Receipt
The samples were received on 5/23/2013 9:49 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4º C.

Metals
Method(s) 200.7 Rev 4.4, 6010B: The continuing calibration verification (CCV) for copper and silver associated with batch 120100 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-73545-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL HOU
Moisture	Percent Moisture	EPA	TAL HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-73545-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-73545-17	2013-RRS-4A (2-3)	Solid	05/21/13 13:24	05/23/13 09:49

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-73545-2

Client Sample ID: 2013-RRS-4A (2-3)
Date Collected: 05/21/13 13:24
Date Received: 05/23/13 09:49

Lab Sample ID: 600-73545-17
Matrix: Solid
Percent Solids: 92.9

Method: 6010B - Metals (ICP) - DL

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17400		5.33	1.12	mg/Kg	☼	11/06/13 11:16	11/14/13 10:22	10

General Chemistry

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.1	H	1.0	1.0	%			11/13/13 06:42	1
Percent Solids	93	H	1.0	1.0	%			11/13/13 06:42	1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-119769/1-A
Matrix: Solid
Analysis Batch: 119766

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119769

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.105	U	0.500	0.105	mg/Kg		11/06/13 11:16	11/06/13 15:50	1

Lab Sample ID: LCSSRM 600-119769/2-A
Matrix: Solid
Analysis Batch: 119766

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119769

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	136	142.4		mg/Kg		104.7	83.8 - 116.9

Method: Moisture - Percent Moisture

Lab Sample ID: 600-73545-17 DU
Matrix: Solid
Analysis Batch: 120338

Client Sample ID: 2013-RRS-4A (2-3)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.1	H	6.4		%		10	20
Percent Solids	93	H	94		%		0.7	20

Unadjusted Detection Limits

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-73545-2

Method: 6010B - Metals (ICP)

Analyte	MQL	MDL	Units	Method
Lead	0.500	0.105	mg/Kg	6010B

General Chemistry

Analyte	MQL	MDL	Units	Method
Percent Moisture	1.0	1.0	%	Moisture
Percent Solids	1.0	1.0	%	Moisture

QC Association Summary

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-73545-2

Metals

Analysis Batch: 119766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 600-119769/2-A	Lab Control Sample	Total/NA	Solid	6010B	119769
MB 600-119769/1-A	Method Blank	Total/NA	Solid	6010B	119769

Prep Batch: 119769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-73545-17 - DL	2013-RRS-4A (2-3)	Total/NA	Solid	3050B	
LCSSRM 600-119769/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 600-119769/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 120475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-73545-17 - DL	2013-RRS-4A (2-3)	Total/NA	Solid	6010B	119769

General Chemistry

Analysis Batch: 120338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-73545-17	2013-RRS-4A (2-3)	Total/NA	Solid	Moisture	
600-73545-17 DU	2013-RRS-4A (2-3)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Pastor, Behling & Wheeler LLC
Project/Site: Exide Recycling Center, Frisco TX Projec

TestAmerica Job ID: 600-73545-2

Client Sample ID: 2013-RRS-4A (2-3)
Date Collected: 05/21/13 13:24
Date Received: 05/23/13 09:49

Lab Sample ID: 600-73545-17
Matrix: Solid
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B	DL		119769	11/06/13 11:16	NER	TAL HOU
Total/NA	Analysis	6010B	DL	10	120475	11/14/13 10:22	DCL	TAL HOU
Total/NA	Analysis	Moisture		1	120338	11/13/13 06:42	AYS	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Certification Summary

Client: Pastor, Behling & Wheeler LLC
TestAmerica Job ID: 600-73545-2
Project/Site: Exide Recycling Center, Frisco TX Projec

Laboratory: TestAmerica Houston

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0759	08-04-13 *
Louisiana	NELAP	6	01967	06-30-14
Oklahoma	State Program	6	9503	08-31-13 *
Texas	NELAP	6	T104704223-10-6-TX	10-31-14
USDA	Federal		P330-08-00217	04-01-14
Utah	NELAP	8	GULF	10-31-13 *

* Expired certification is currently pending renewal and is considered valid.

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAme

THE LEADER IN ENVIRONMEN

600-73545 Chain of Custody

11/15/2013

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Pastor, Behling & Wheeler	Will Vienne	5/21/13	239011
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 2
2201 Double Creek Dr. #4004	(512) 671-3434		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Round Rock / TX / 78664	R. Russell		
Project Name and Location (State)	**Carrier/Waybill Number**		
Exide FRC, Frisco, TX			
Contract/Purchase Order/Quote No.			
1755			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	$ZnAc/NaOH$	TCE	Analysis: Pb, Cd	pH	MS/MSD	Special Instructions/ Conditions of Receipt
2012-FWFS-7A(0-0.5)	5/21/13	1127				X							1	X			
2012-FWFS-7A(0.5-2)		1128											1				Hold
2012-FWFS-7A(2-3)		1129											1				Hold
2012-FWFS-7A(4-5)		1130											1				Hold
2012-FWFS-7B(0-0.5)		1138											1				Hold
2012-FWFS-7B(0.5-2)		1139											1				Hold
2012-FWFS-7B(2-3)		1140											1				Hold
2012-FWFS-7B(4-5)		1141											1				Hold
MW-31R(0.9-2)		1214											1	X	X	X	
MW-31R(5.8-7.3)		1230											1				
MW-31R(9.5)		1231											1				
Dup 19		—											1				

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/22/13	1100	1. Received By	5/22/13	1100
2. Relinquished By	5/22/13	1730	2. Received By		
3. Relinquished By			3. Received By	05/23/13	0949

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

Client	Project Manager	Date	Chain of Custody Number
Pastor, Behling & Wheeler	Will Vienne	5/21/13	239012
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
2201 Double Creek Dr. #1804	(512)671-3434		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Round Rock / TX / 78664	R. Russell		
Project Name and Location (State)	**Carrier/Waybill Number**		
Eagle FRC, Frisco, TX			
Contract/Purchase Order/Quote No.			
1755			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	TCE	Pb, cd	pH	Special Instructions/ Conditions of Receipt
2013-BB-1 (0.9-2)	5/21/13	1250				X							1	X	X	
2013-BB-1 (2-3)		1254											1		X	Hold
2013-BB-1 (4-5)		1259											1		X	Hold
2013-RRS-4A (0.9-2)		1322											1			
2013-RRS-4A (2-3)		1324											1			Hold
SRB-VS-9 (0.5-2)		1350											1			
SRB-VS-9 (2-4)		1351											1			Hold
SRB-VS-9 (4-5)		1352											1			Hold
SRB-VS-9A (0-0.5)		1405											1			
SRB-VS-9B (0-0.5)		1400											1			
EB (05212013)		1625		X					1							

Analysis (Attach list if more space is needed)

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time
1. Relinquished By	5/22/13	1100
2. Relinquished By	5/22/13	1730
3. Relinquished By		

	Date	Time
1. Received By	5/22/13	1100
2. Received By		
3. Received By	05/23/13	0949

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

11/15/2013

Page 20 of 21

Login Sample Receipt Checklist

Client: Pastor, Behling & Wheeler LLC

Job Number: 600-73545-2

Login Number: 73545

List Source: TestAmerica Houston

List Number: 1

Creator: Pulumbarit, Josh L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	